

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)

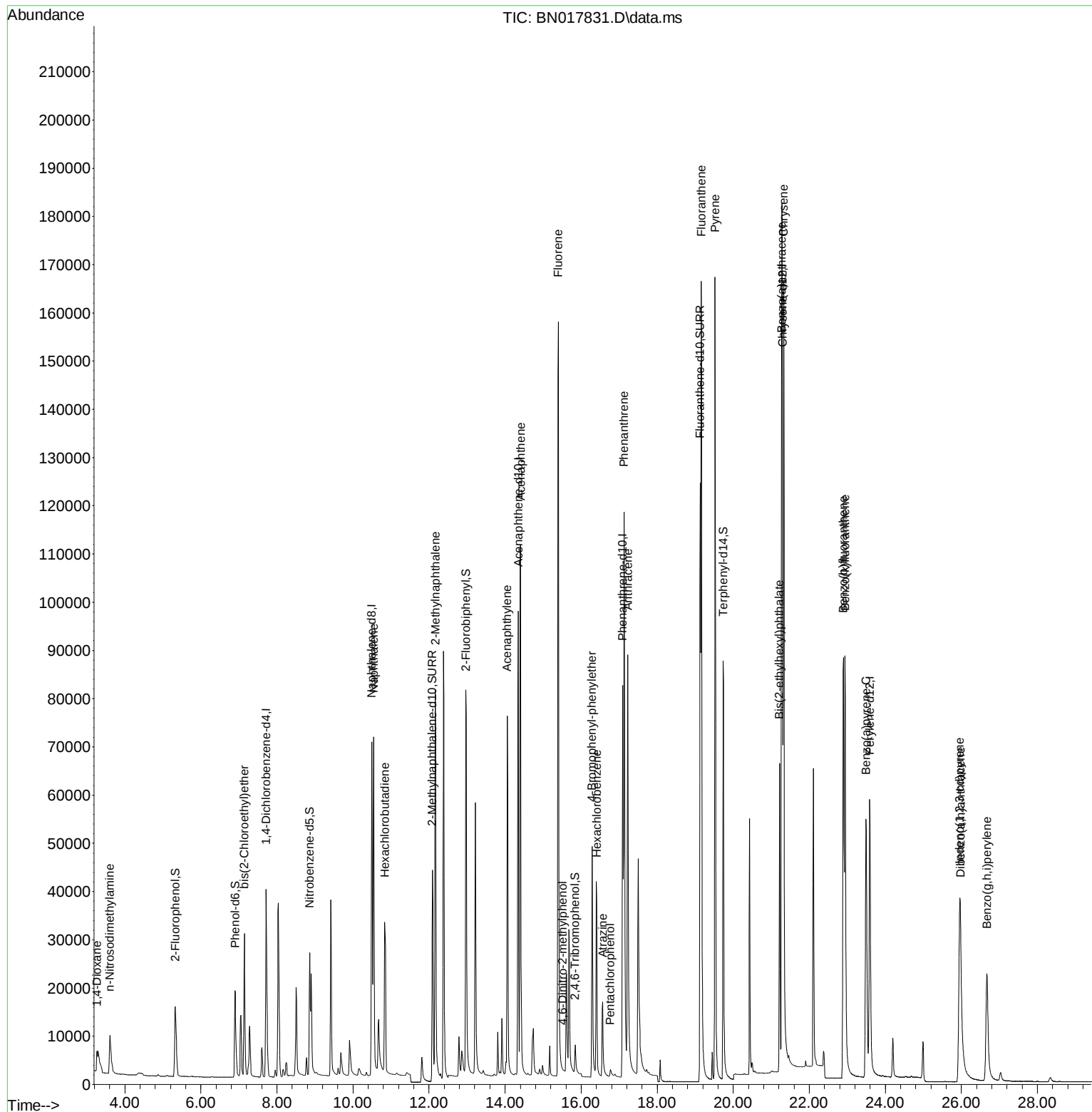
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	23775	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	100286	0.40	ng	0.00
13) Acenaphthene-d10	14.347	164	64577	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	134428	0.40	ng	0.00
29) Chrysene-d12	21.293	240	122862	0.40	ng	# 0.01
35) Perylene-d12	23.589	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

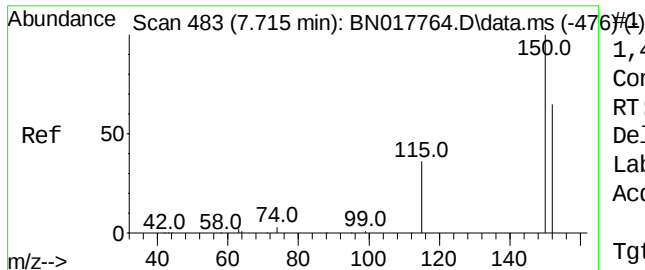
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

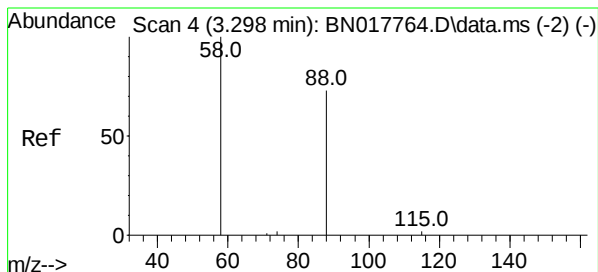
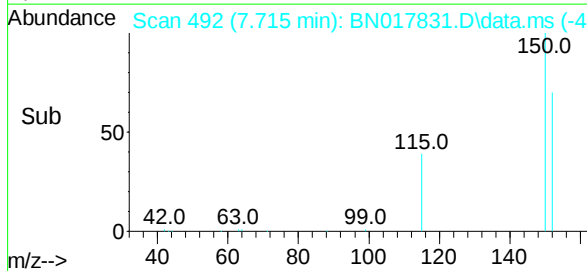
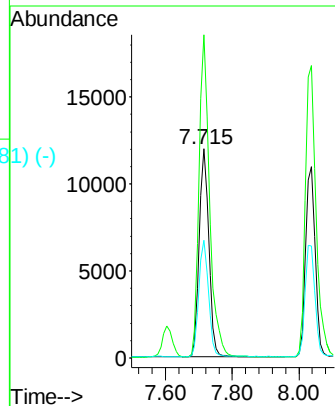
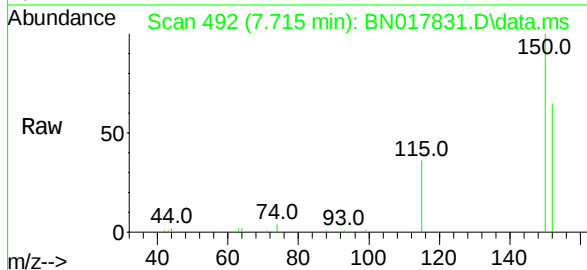
Tgt Ion:152 Resp: 23775

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

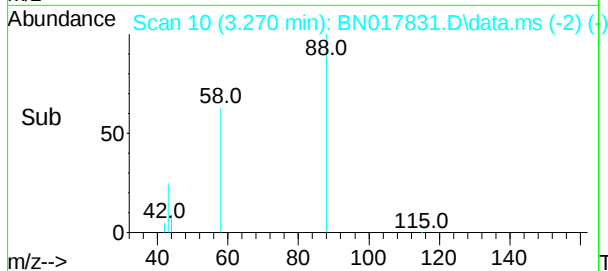
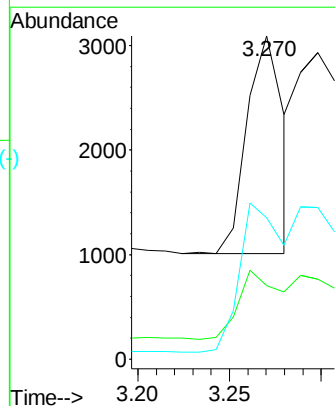
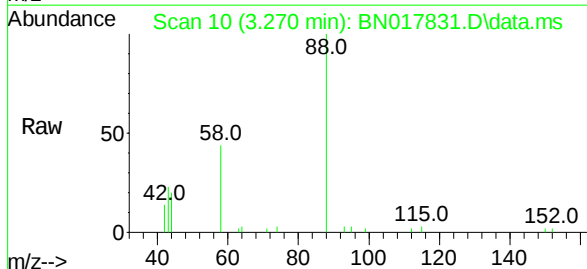
Tgt Ion: 88 Resp: 2869

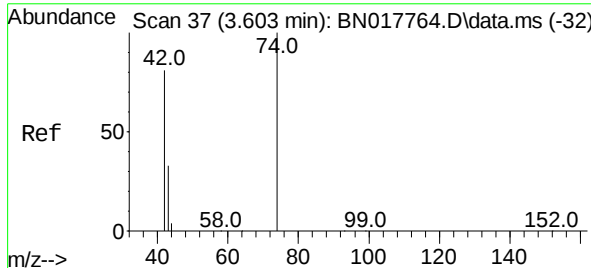
Ion Ratio Lower Upper

88 100

43 35.6 0.0 0.0#

58 80.2 0.0 0.0#

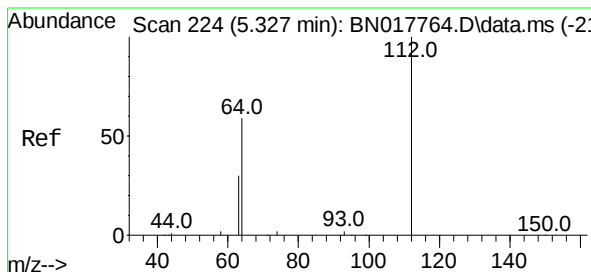
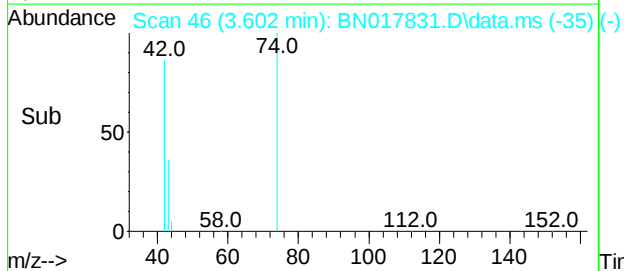
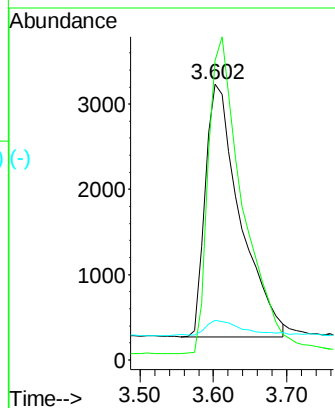
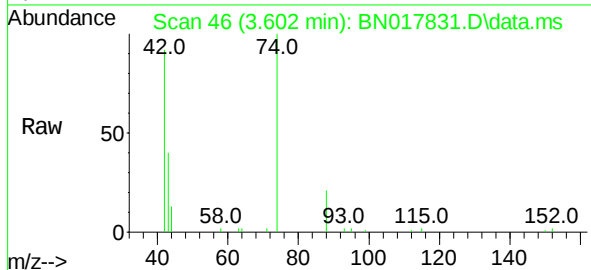




n-Nitrosodimethylamine
 Concen: 0.40 ng
 RT: 3.602 min Scan# 4
 Delta R.T. -0.000 min
 Lab File: BN017831.D
 Acq: 09 Dec 2021 11:46

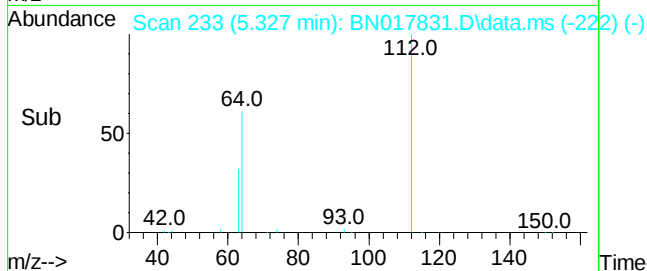
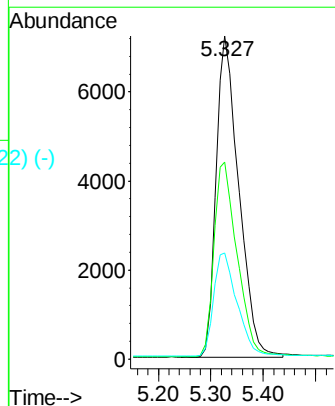
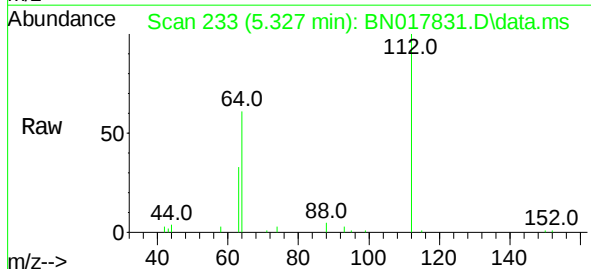
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

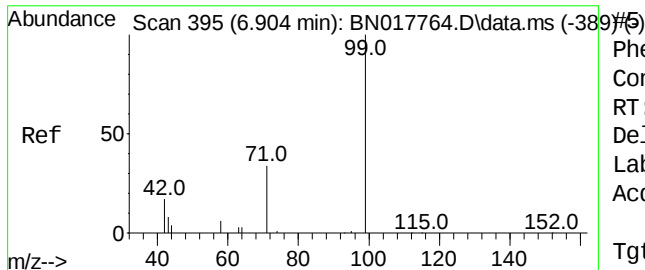
Tgt Ion: 42 Resp: 9747
 Ion Ratio Lower Upper
 42 100
 74 123.7 101.3 151.9
 44 6.4 5.0 7.4



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

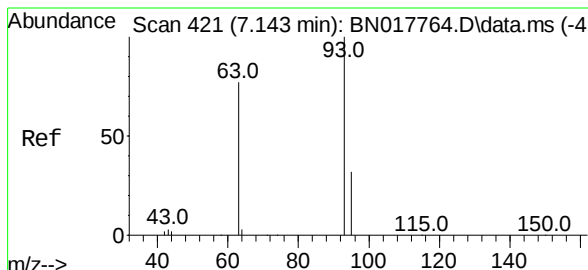
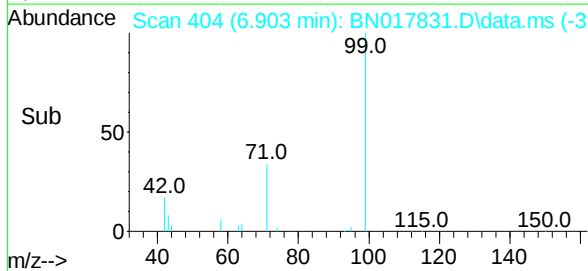
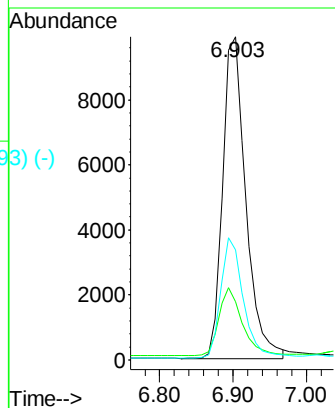
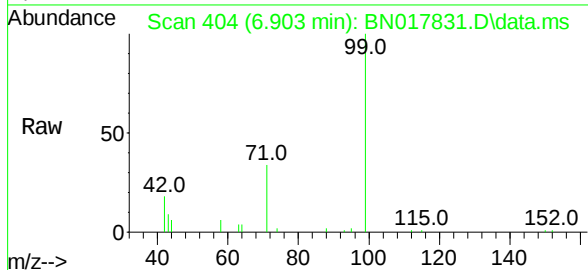




Phenol-d6
Concen: 0.40 ng
RT: 6.903 min Scan# 417
Delta R.T. -0.000 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

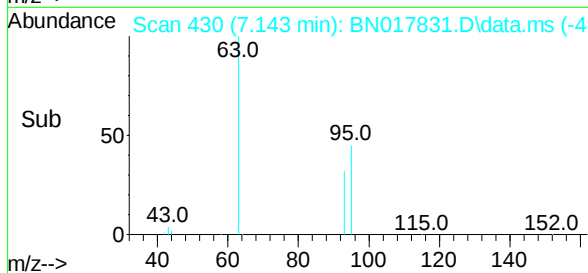
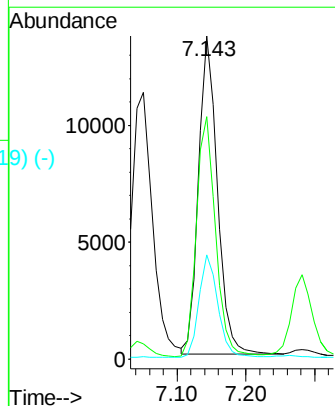
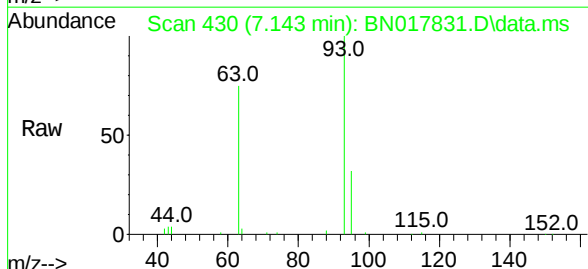
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

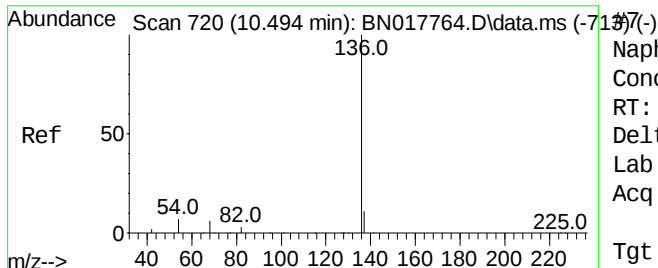
Tgt Ion: 99 Resp: 21742
Ion Ratio Lower Upper
99 100
42 21.4 16.6 25.0
71 36.5 29.0 43.4



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





Naphthalene-d8

Concen: 0.40 ng

RT: 10.494 min Scan#

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

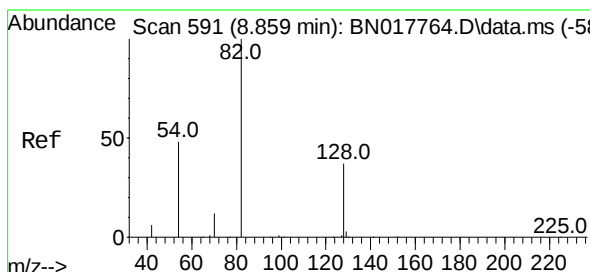
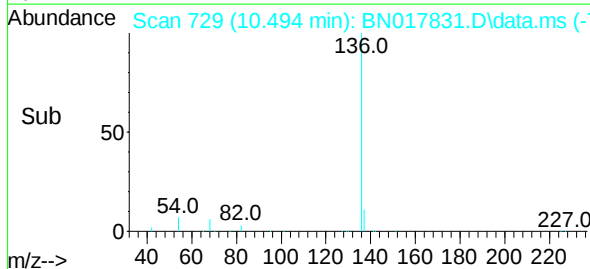
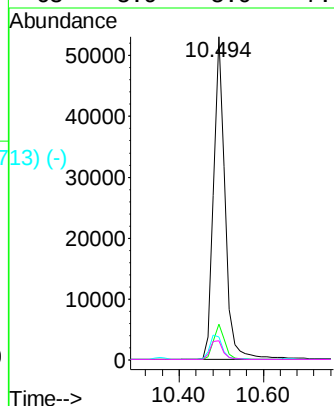
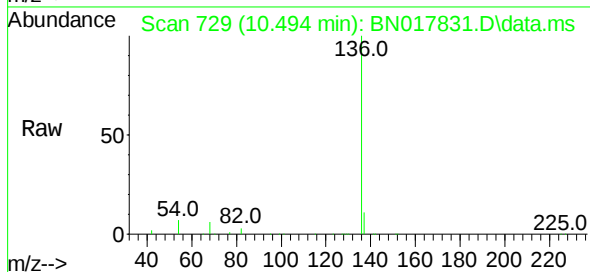
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.2 5.9 8.9

68 5.9 5.0 7.6



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

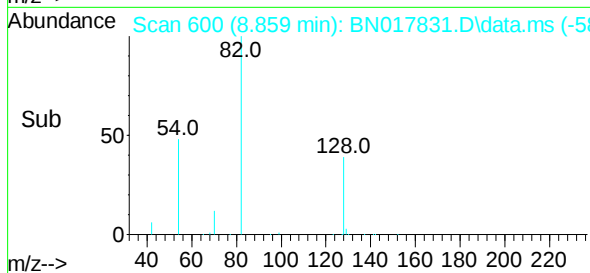
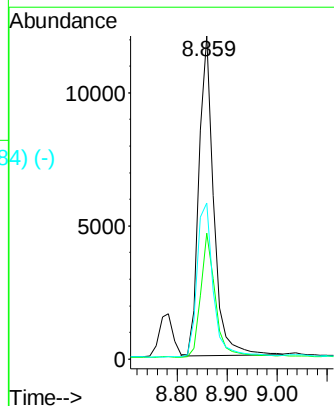
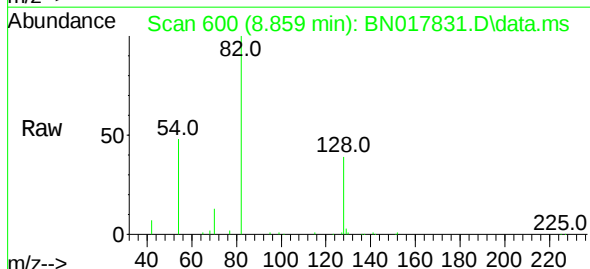
Tgt Ion: 82 Resp: 24407

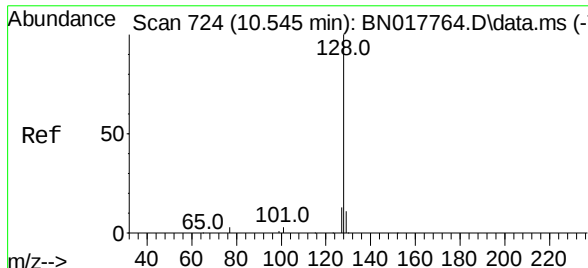
Ion Ratio Lower Upper

82 100

128 39.0 30.2 45.2

54 48.4 39.0 58.6





Naphthalene

Concen: 0.38 ng

RT: 10.545 min Scan#

Delta R.T. -0.000 min

Lab File: BN017831.D

Acq: 09 Dec 2021 11:46

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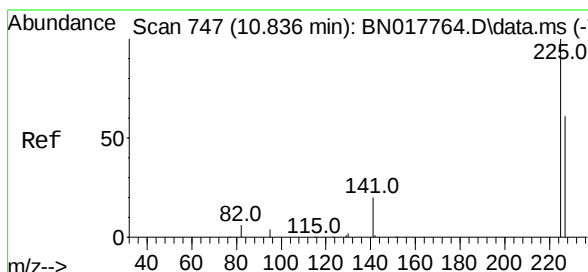
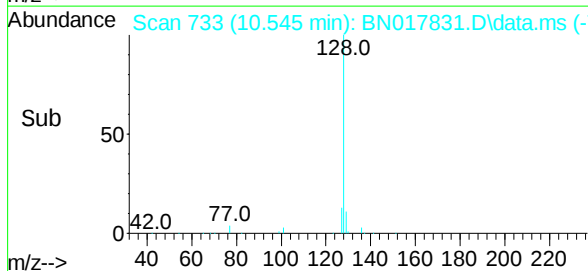
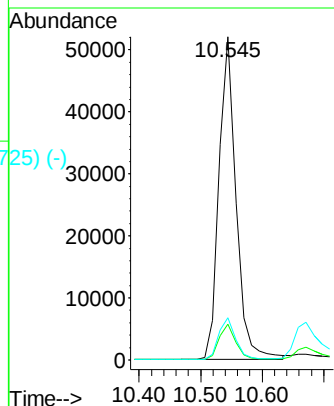
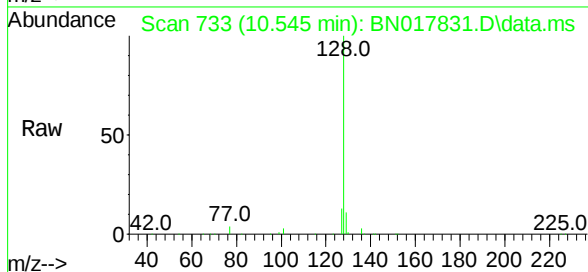
Tgt Ion:128 Resp: 99764

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.0 10.6 15.8



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

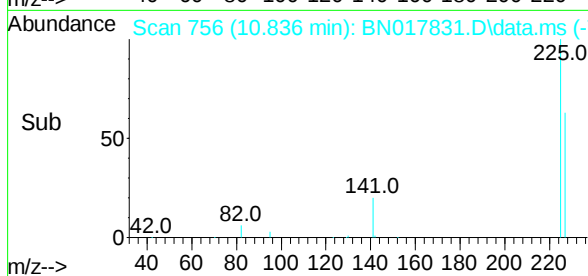
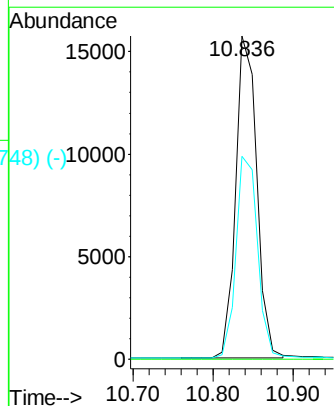
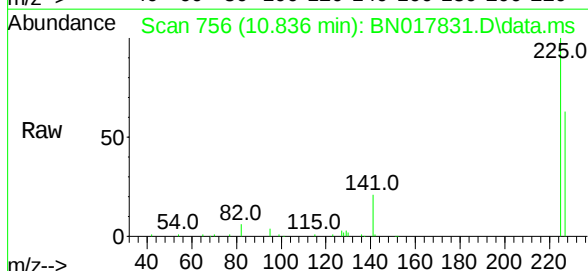
Tgt Ion:225 Resp: 28901

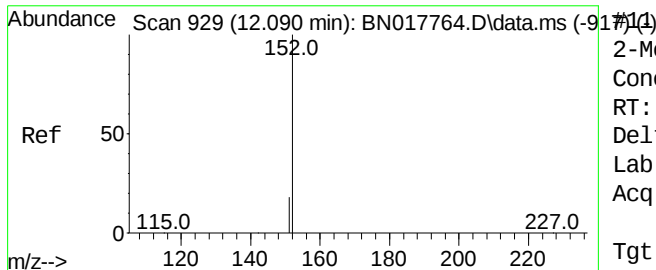
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.1 50.9 76.3

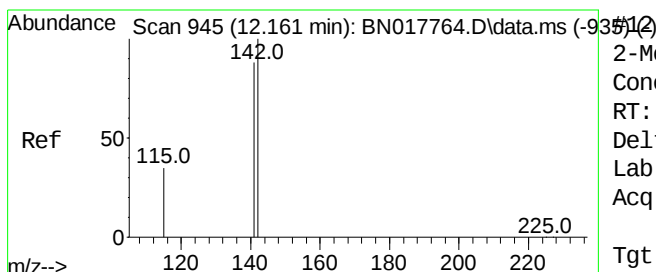
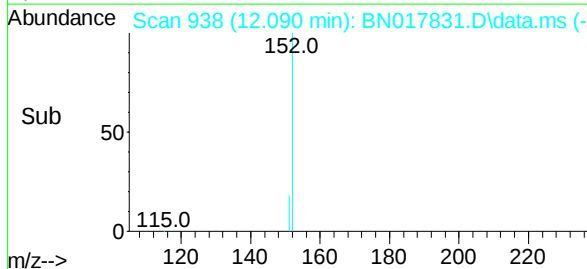
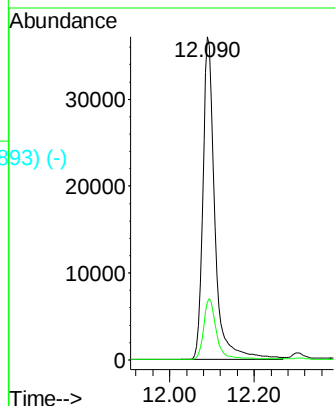
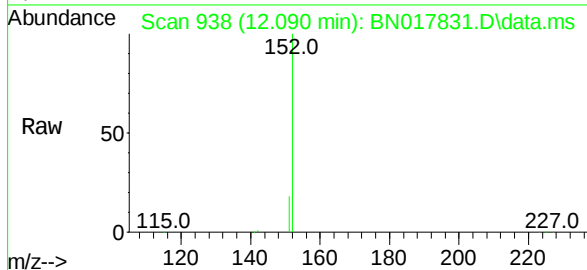




2-Methylnaphthalene-d10
 Concen: 0.37 ng
 RT: 12.090 min Scan# 929
 Delta R.T. -0.000 min
 Lab File: BN017831.D
 Acq: 09 Dec 2021 11:46

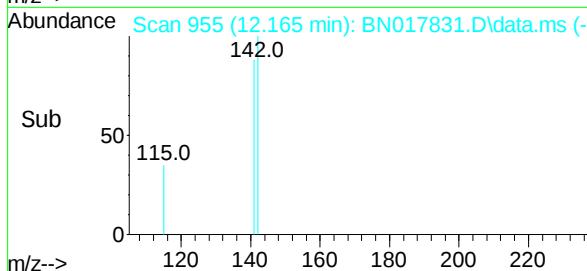
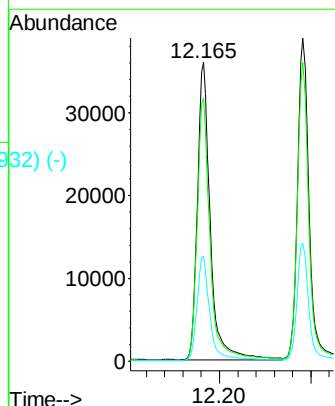
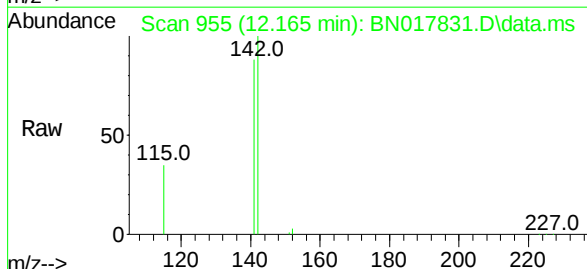
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Tgt Ion:152 Resp: 73941
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.4 24.6



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



Abundance Scan 1168 (14.348 min): BN017764.D\data.ms (-1168) (-)

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.347 min Scan# 1168

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

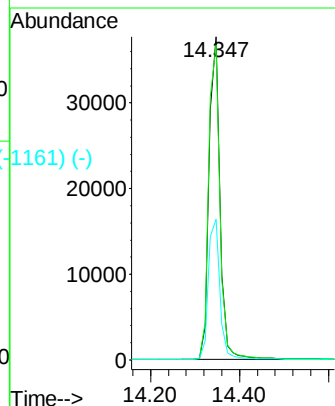
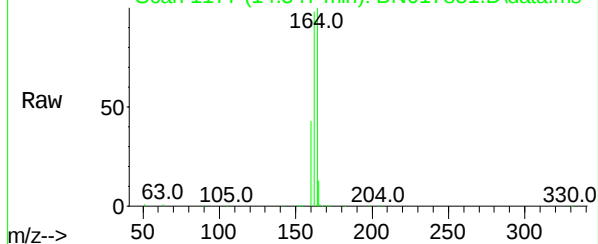
Ion Ratio Lower Upper

164 100

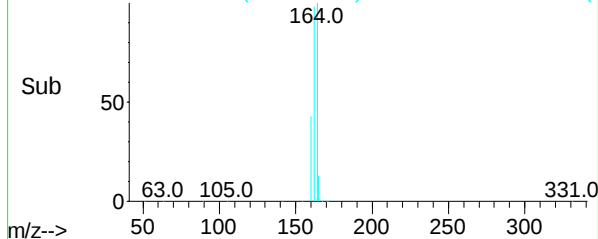
162 97.5 79.0 118.6

160 43.5 34.6 52.0

Abundance Scan 1177 (14.347 min): BN017831.D\data.ms



Abundance Scan 1177 (14.347 min): BN017831.D\data.ms (-1161) (-)



Abundance Scan 1286 (15.845 min): BN017764.D\data.ms (-1286) (-)

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

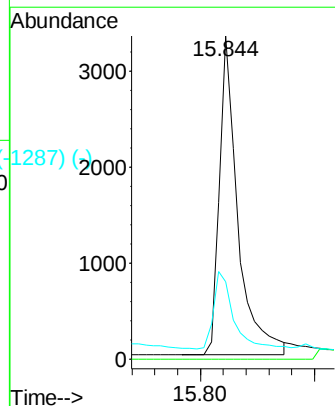
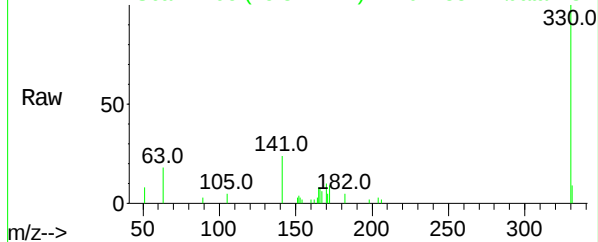
Ion Ratio Lower Upper

330 100

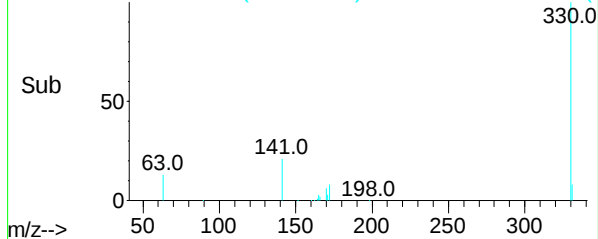
332 0.0 0.0 0.0

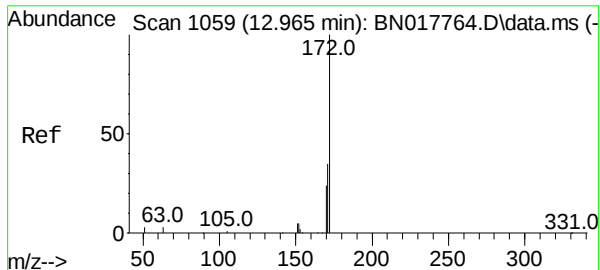
141 25.6 21.5 32.3

Abundance Scan 1295 (15.844 min): BN017831.D\data.ms



Abundance Scan 1295 (15.844 min): BN017831.D\data.ms (-1287) (-)

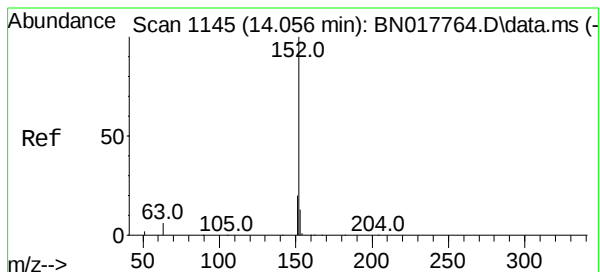
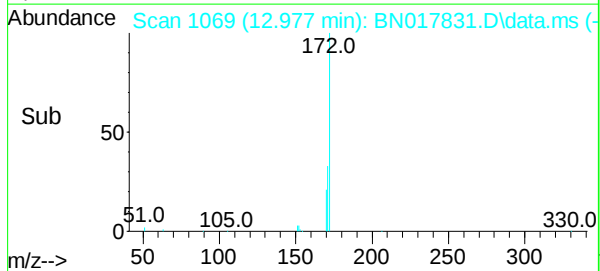
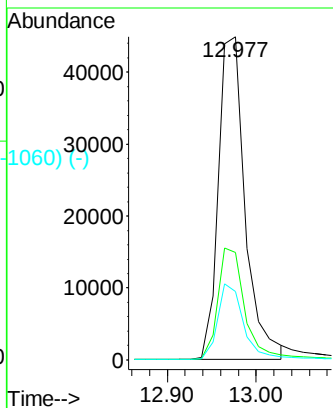
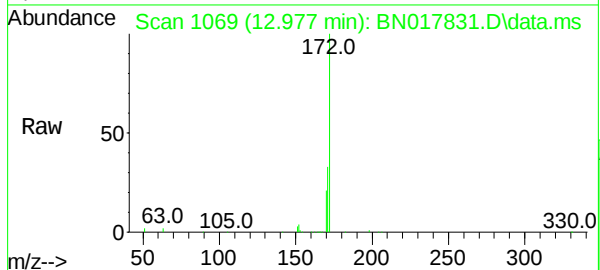




Scan 1059 (12.965 min): BN017764.D\data.ms (-1035) (-)
 2-Fluorobiphenyl
 Concen: 0.40 ng
 RT: 12.977 min Scan# 1059
 Delta R.T. 0.012 min
 Lab File: BN017831.D
 Acq: 09 Dec 2021 11:46

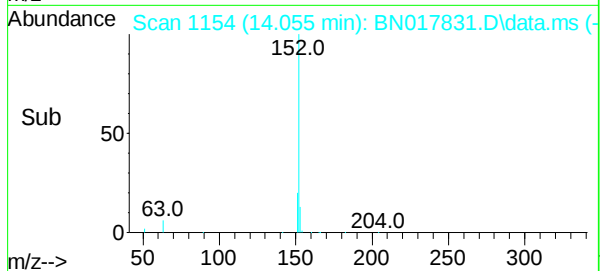
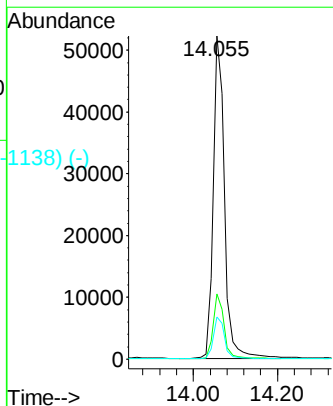
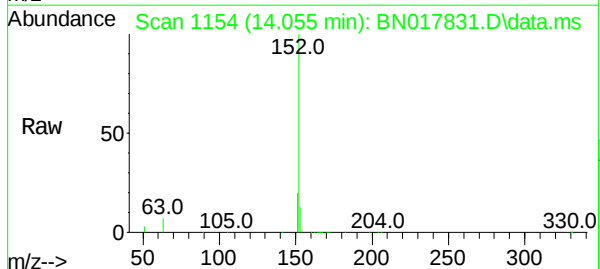
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

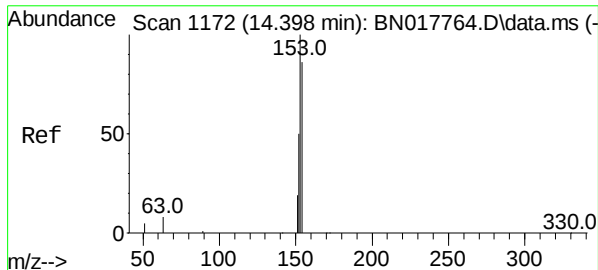
Tgt Ion:	172	Resp:	94090
Ion	Ratio	Lower	Upper
172	100		
171	33.4	28.1	42.1
170	21.2	18.9	28.3



Scan 1145 (14.056 min): BN017764.D\data.ms (-1136) (-)
 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





Acenaphthene

Concen: 0.41 ng

RT: 14.411 min Scan# 1182

Delta R.T. 0.012 min

Lab File: BN017831.D

Acq: 09 Dec 2021 11:46

Instrument :

BN017831.D

ClientSampleId :

SSTDCCC0.4EC

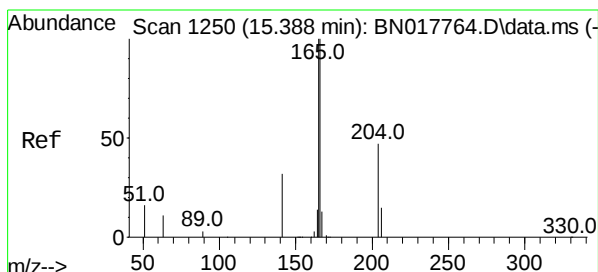
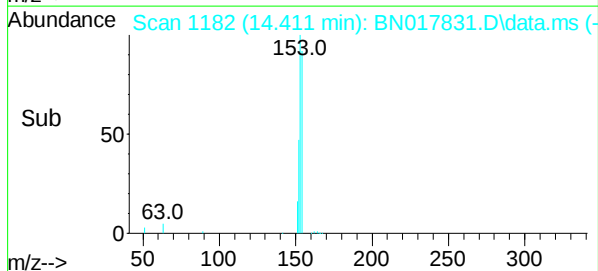
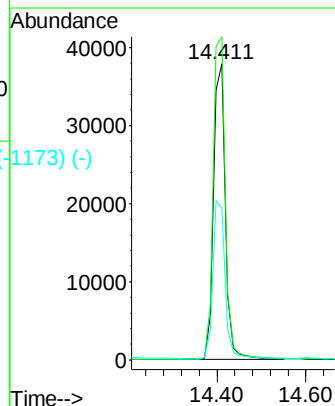
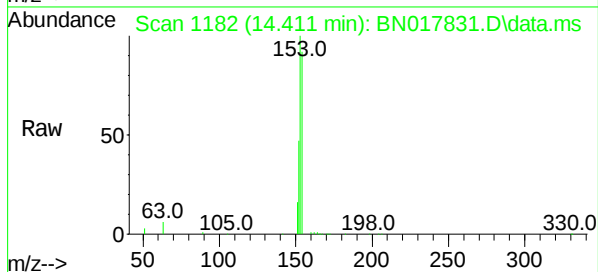
Tgt Ion:154 Resp: 68727

Ion Ratio Lower Upper

154 100

153 112.4 90.1 135.1

152 54.5 43.7 65.5



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

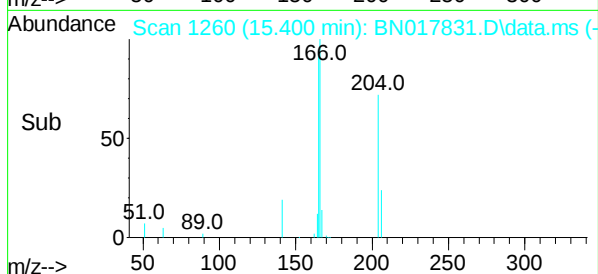
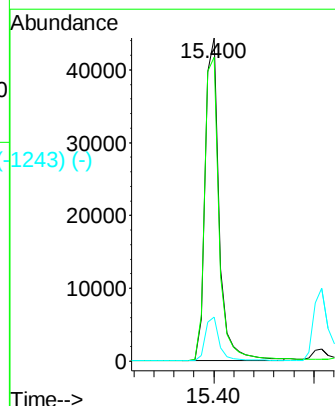
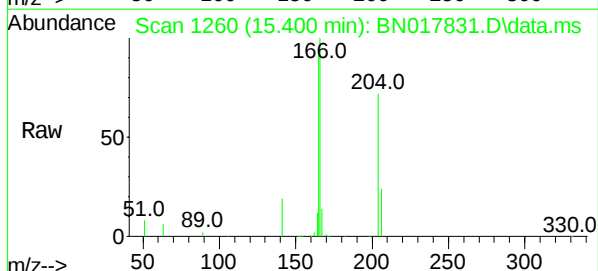
Tgt Ion:166 Resp: 85514

Ion Ratio Lower Upper

166 100

165 97.0 77.8 116.8

167 13.6 11.0 16.4



Abundance Scan 1388 (17.093 min): BN017764.D\data.ms (-1388) (-)

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.092 min Scan# 1388

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

Abundance Scan 1397 (17.092 min): BN017831.D\data.ms

Raw

80.0 151.0 188.0 266.0 332.0

m/z-->

Abundance Scan 1397 (17.092 min): BN017831.D\data.ms (-1381) (-)

Sub

80.0 142.0 188.0 332.0

m/z-->

Abundance

17.092

60000

40000

20000

0

Time-->

Abundance Scan 1258 (15.489 min): BN017764.D\data.ms (-1258) (-)

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

Abundance Scan 1269 (15.514 min): BN017831.D\data.ms

Raw

51.0 105.0 165.0 204.0 330.0

m/z-->

Abundance Scan 1269 (15.514 min): BN017831.D\data.ms (-1259) (-)

Sub

198.0 331.0

m/z-->

Abundance

5000

4000

3000

2000

1000

0

Time-->

Abundance Scan 1322 (16.290 min): BN017764.D\data.ms (-1322) (-)

4-Bromophenyl-phenylether

Concen: 0.37 ng

RT: 16.289 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BN017831.D

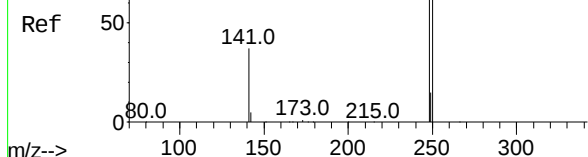
Acq: 09 Dec 2021 11:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



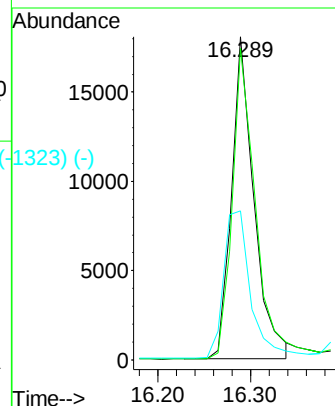
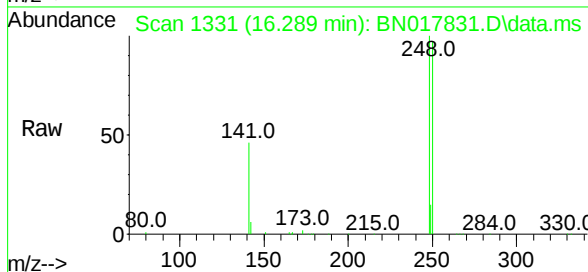
Tgt Ion:248 Resp: 30423

Ion Ratio Lower Upper

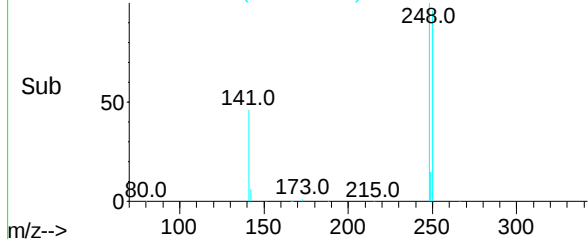
248 100

250 96.5 80.3 120.5

141 46.1 29.8 44.8#



Abundance Scan 1331 (16.289 min): BN017831.D\data.ms (-1323) (-)



Abundance Scan 1331 (16.399 min): BN017764.D\data.ms (-1323) (-)

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

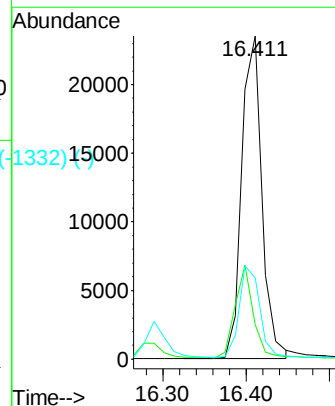
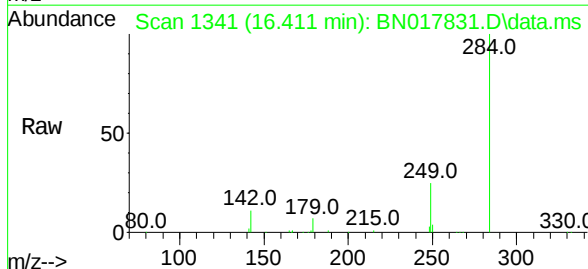
Tgt Ion:284 Resp: 39558

Ion Ratio Lower Upper

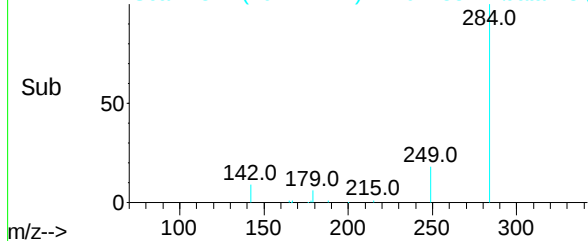
284 100

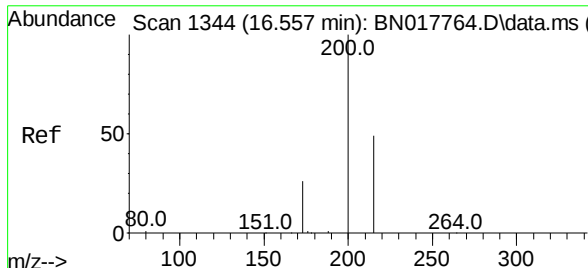
142 25.8 21.0 31.4

249 28.7 23.9 35.9



Abundance Scan 1341 (16.411 min): BN017831.D\data.ms (-1332) (-)

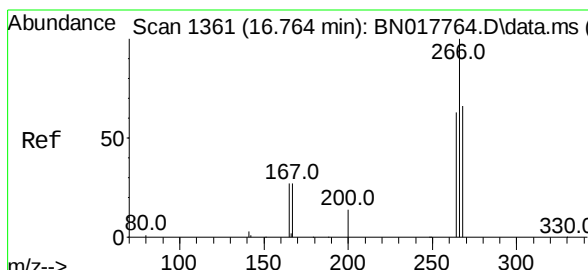
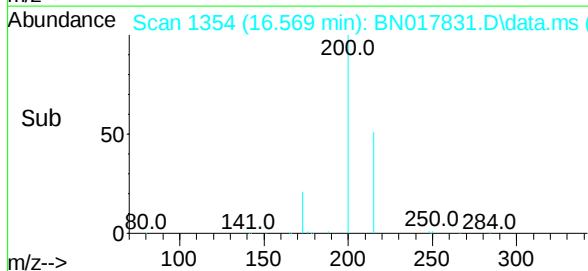
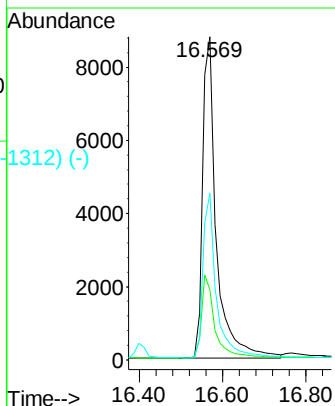
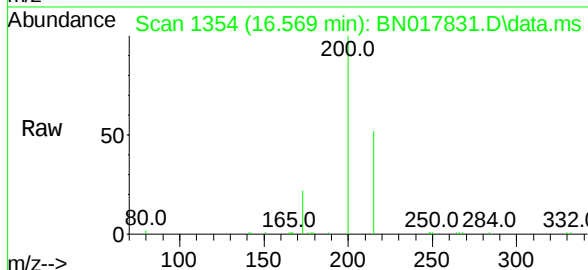




#23 (-)
 Atrazine
 Concen: 0.34 ng
 RT: 16.569 min Scan# 1354
 Delta R.T. 0.012 min
 Lab File: BN017831.D
 Acq: 09 Dec 2021 11:46

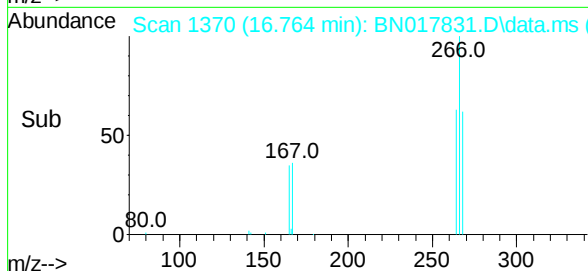
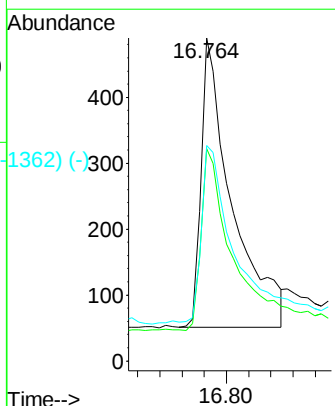
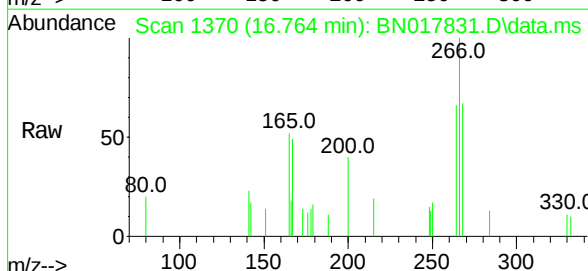
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

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

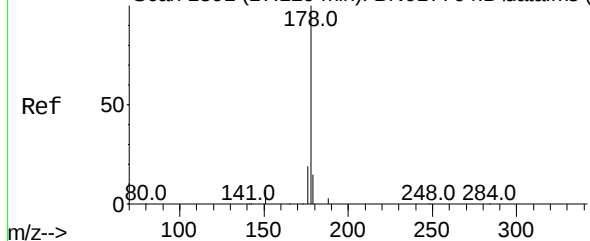


#24 (-)
 Pentachlorophenol
 Concen: 0.33 ng
 RT: 16.764 min Scan# 1370
 Delta R.T. -0.000 min
 Lab File: BN017831.D
 Acq: 09 Dec 2021 11:46

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



Abundance Scan 1391 (17.129 min): BN017764.D\data.ms (-1325) (-)



Phenanthrene

Concen: 0.39 ng

RT: 17.129 min Scan# 1391

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

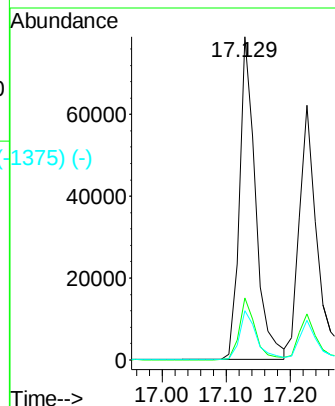
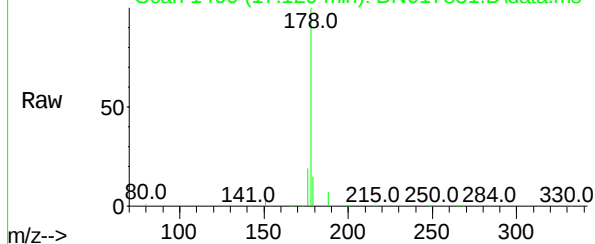
Ion Ratio Lower Upper

178 100

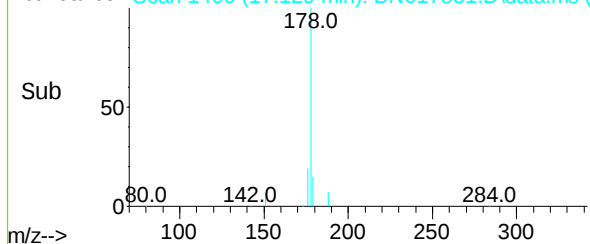
176 18.8 15.0 22.6

179 16.2 12.5 18.7

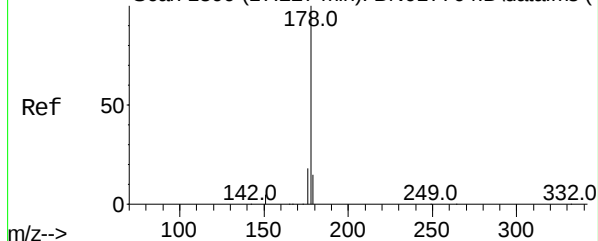
Abundance Scan 1400 (17.129 min): BN017831.D\data.ms



Abundance Scan 1400 (17.129 min): BN017831.D\data.ms (-1375) (-)



Abundance Scan 1399 (17.227 min): BN017764.D\data.ms (-1326) (-)



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

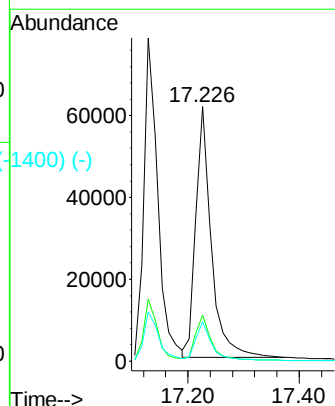
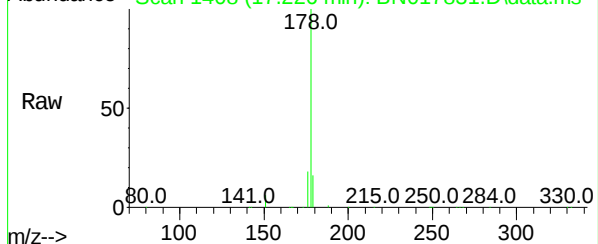
Ion Ratio Lower Upper

178 100

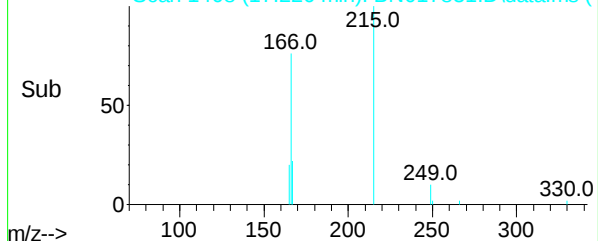
176 18.3 14.5 21.7

179 15.6 12.2 18.4

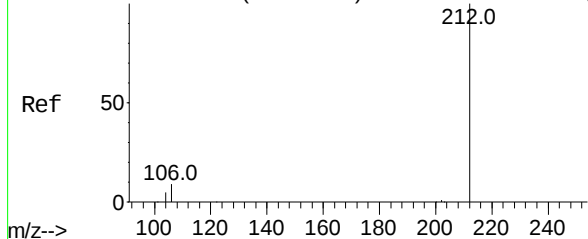
Abundance Scan 1408 (17.226 min): BN017831.D\data.ms



Abundance Scan 1408 (17.226 min): BN017831.D\data.ms (-1400) (-)



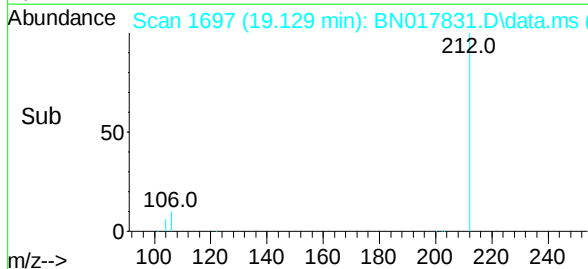
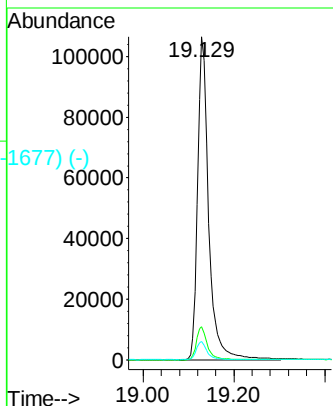
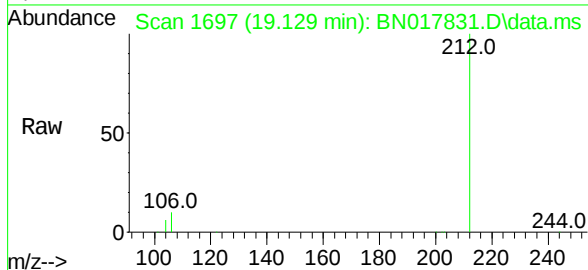
Abundance Scan 1688 (19.130 min): BN017764.D\data.ms (-1625) (-)



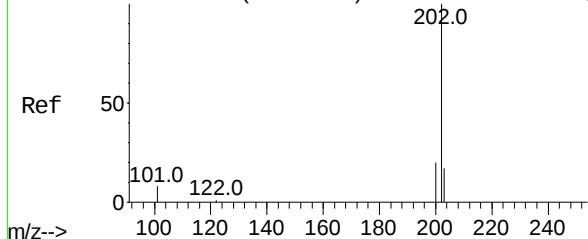
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.129 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

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

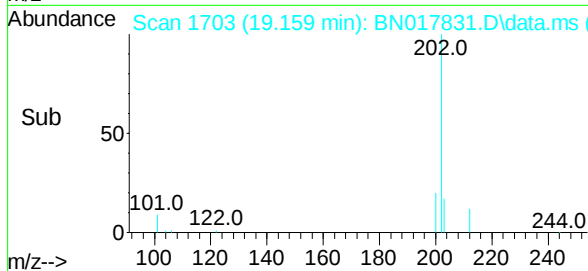
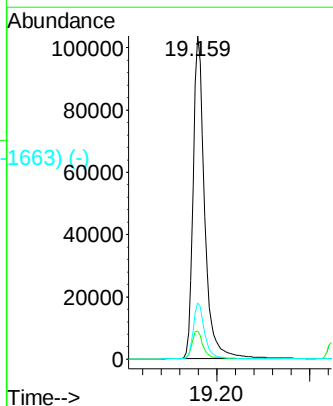
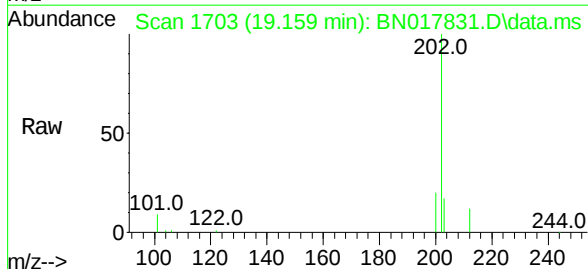


Abundance Scan 1694 (19.159 min): BN017764.D\data.ms (-1623) (-)



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



Abundance Scan 1985 (21.283 min): BN017764.D\data.ms (-1975) (-)

Chrysene-d12

Concen: 0.40 ng

RT: 21.293 min Scan# 1985

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

Abundance Scan 1995 (21.293 min): BN017831.D\data.ms

Ref 50

240.0

91.0 120.0 149.0 212.0 279.0

m/z-->

Abundance Scan 1995 (21.293 min): BN017831.D\data.ms (-1975) (-)

Raw 50

240.0

91.0 120.0 149.0 212.0 279.0

m/z-->

Abundance Scan 1995 (21.293 min): BN017831.D\data.ms (-1975) (-)

Sub 50

240.0

91.0 120.0 149.0 212.0 279.0

m/z-->

Abundance

21.293

60000

40000

20000

0

Time-->

Abundance Scan 1767 (19.522 min): BN017764.D\data.ms (-1736) (-)

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

Abundance Scan 1776 (19.521 min): BN017831.D\data.ms

Ref 50

202.0

101.0 122.0 244.0

m/z-->

Abundance Scan 1776 (19.521 min): BN017831.D\data.ms (-1736) (-)

Raw 50

202.0

101.0 122.0 244.0

m/z-->

Abundance Scan 1776 (19.521 min): BN017831.D\data.ms (-1736) (-)

Sub 50

202.0

101.0 122.0 244.0

m/z-->

Abundance

19.521

100000

80000

60000

40000

20000

0

Time-->

Abundance Scan 1810 (19.735 min): BN017764.D\data.ms (-1831) (-)

Terphenyl-d14

Concen: 0.45 ng

RT: 19.735 min Scan# 1810

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

Abundance Scan 1819 (19.735 min): BN017831.D\data.ms

Ref 50

101.0 122.0 212.0 244.0

m/z-->

Abundance Scan 1819 (19.735 min): BN017831.D\data.ms

Raw 50

101.0 122.0 212.0 244.0

m/z-->

Abundance Scan 1819 (19.735 min): BN017831.D\data.ms (-1789) (-)

Sub 50

122.0 212.0 244.0

m/z-->

Abundance

19.735

60000

40000

20000

0

Time--> 19.60 19.80

Abundance Scan 1984 (21.272 min): BN017764.D\data.ms (-1932) (-)

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

Abundance Scan 1993 (21.272 min): BN017831.D\data.ms

Ref 50

91.0 120.0 149.0 200.0 228.0 254.0279.0

m/z-->

Abundance Scan 1993 (21.272 min): BN017831.D\data.ms

Raw 50

91.0 120.0 149.0 200.0 228.0 254.0279.0

m/z-->

Abundance Scan 1993 (21.272 min): BN017831.D\data.ms (-1974) (-)

Sub 50

91.0 120.0 149.0 200.0 228.0 254.0279.0

m/z-->

Abundance

21.272

80000

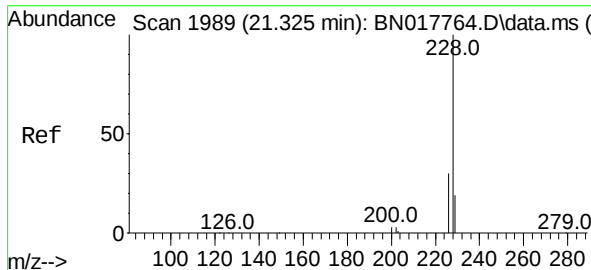
60000

40000

20000

0

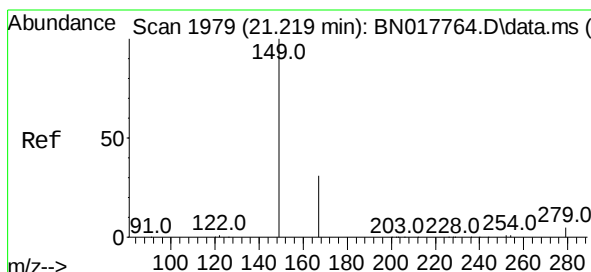
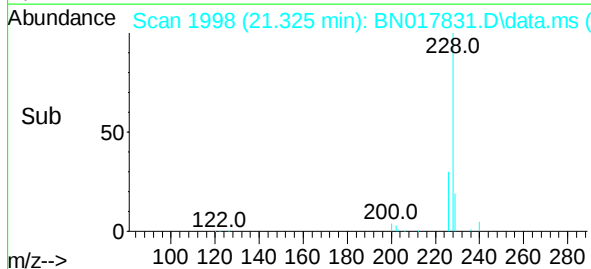
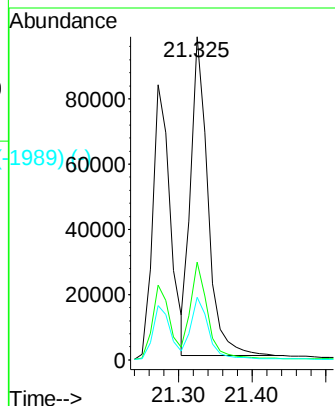
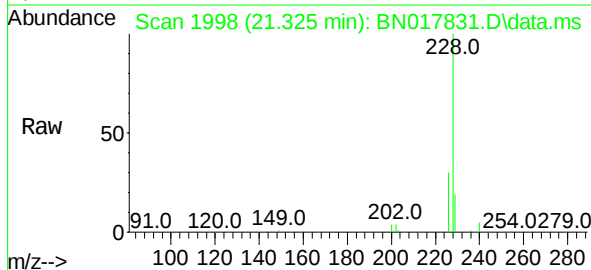
Time--> 21.10 21.20 21.30



Scan 1989 (21.325 min): BN017764.D\data.ms (-1989)
 Chrysene
 Concen: 0.40 ng
 RT: 21.325 min Scan# 1989
 Delta R.T. -0.000 min
 Lab File: BN017831.D
 Acq: 09 Dec 2021 11:46

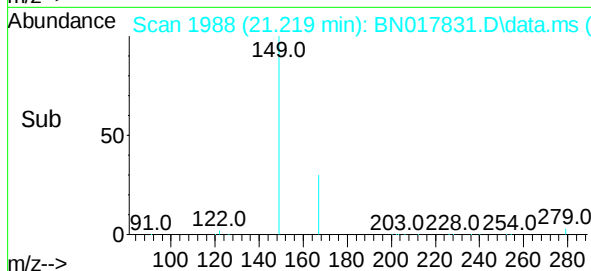
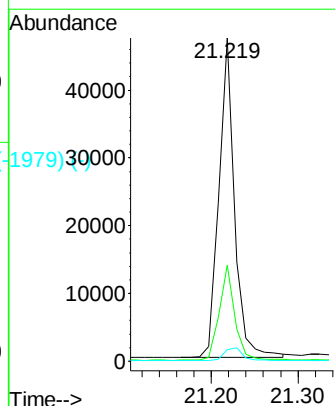
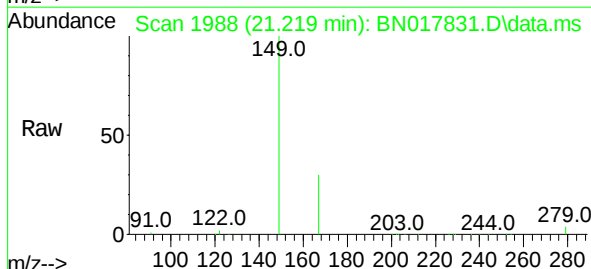
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

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



Scan 1979 (21.219 min): BN017764.D\data.ms (-1979)
 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



Abundance Scan 2434 (23.582 min): BN017764.D\data.ms (-2434) (-)

Perylene-d12

Concen: 0.40 ng

RT: 23.589 min Scan# 1

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

Abundance Scan 2445 (23.589 min): BN017831.D\data.ms

Ref 50

264.0

Raw 50

125.0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 2445 (23.589 min): BN017831.D\data.ms (-2399) (-)

Sub 50

264.0

125.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

23.589

30000

20000

10000

0

Time-->

23.60

Abundance Scan 3123 (25.941 min): BN017764.D\data.ms (-3123) (-)

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

Abundance Scan 3135 (25.951 min): BN017831.D\data.ms

Ref 50

276.0

Raw 50

138.0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 3135 (25.951 min): BN017831.D\data.ms (-3103) (-)

Sub 50

276.0

138.0

m/z-->

140 160 180 200 220 240 260 280

Abundance

25.951

15000

10000

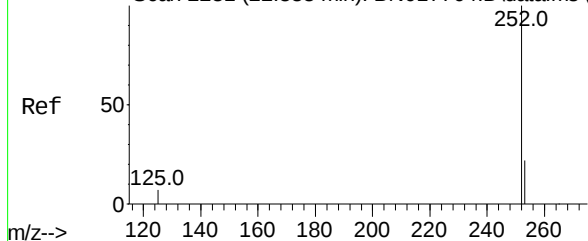
5000

0

Time-->

25.80 26.00

Abundance Scan 2231 (22.888 min): BN017764.D\data.ms (-2137) (-)



Benzo(b)fluoranthene

Concen: 0.40 ng

RT: 22.894 min Scan# 2137

Delta R.T. 0.006 min

Lab File: BN017831.D

Acq: 09 Dec 2021 11:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

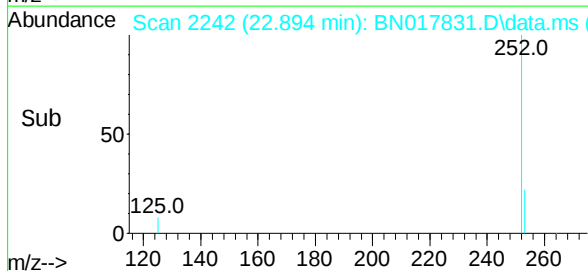
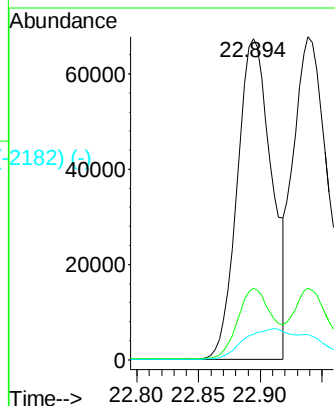
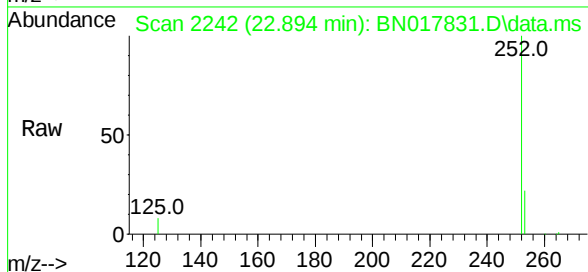
Tgt Ion:252 Resp: 130166

Ion Ratio Lower Upper

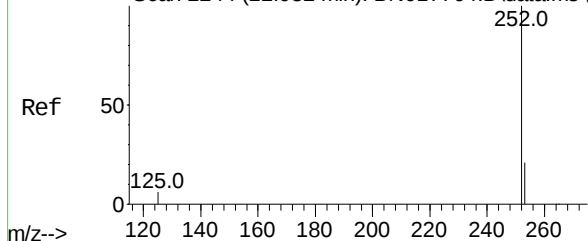
252 100

253 22.2 17.7 26.5

125 8.0 6.2 9.2



Abundance Scan 2244 (22.932 min): BN017764.D\data.ms (-2138) (-)



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

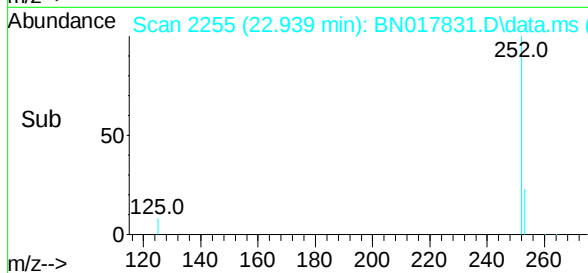
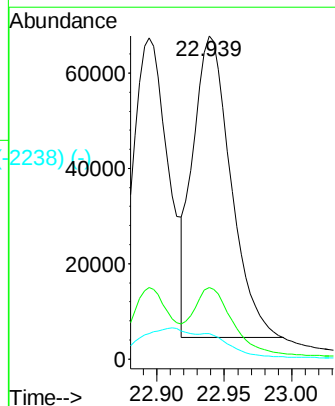
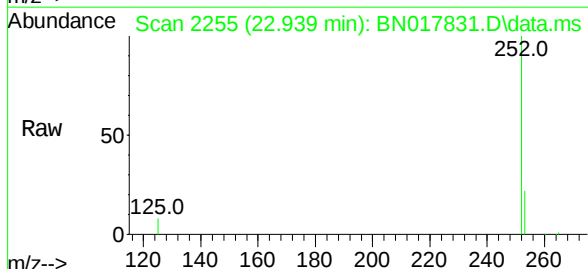
Tgt Ion:252 Resp: 123150

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 7.9 6.2 9.2



Abundance Scan 2405 (23.483 min): BN017764.D\data.ms (-3100) (-)

Benzo(a)pyrene

Concen: 0.38 ng

RT: 23.490 min Scan# 1

Delta R.T. 0.006 min

Lab File: BN017831.D

Acq: 09 Dec 2021 11:46

Instrument :

BN_A_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#

Abundance Scan 2416 (23.490 min): BN017831.D\data.ms

Ref 50

125.0

252.0

Raw 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 2416 (23.490 min): BN017831.D\data.ms (-2356) (-)

Ref 50

125.0

252.0

Sub 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

40000

30000

20000

10000

0

23.40 23.60

Time-->

Abundance Scan 3128 (25.958 min): BN017764.D\data.ms (-3100) (-)

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

Abundance Scan 3143 (25.978 min): BN017831.D\data.ms

Ref 50

138.0

278.0

Raw 50

138.0

278.0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 3143 (25.978 min): BN017831.D\data.ms (-3108) (-)

Ref 50

138.0

278.0

Sub 50

138.0

278.0

m/z-->

140 160 180 200 220 240 260 280

Abundance

10000

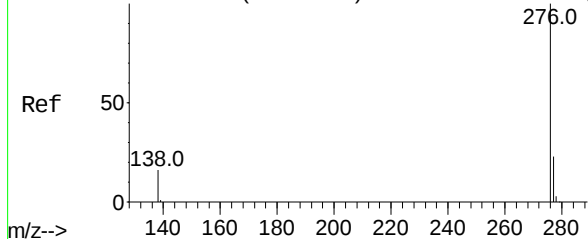
5000

0

25.80 26.00

Time-->

Abundance Scan 3332 (26.656 min): BN017764.D\data.ms (-3305) (-)



Benzo(g,h,i)perylene

Concen: 0.31 ng

RT: 26.670 min Scan# 3345

Delta R.T. 0.013 min

Lab File: BN017831.D

Acq: 09 Dec 2021 11:46

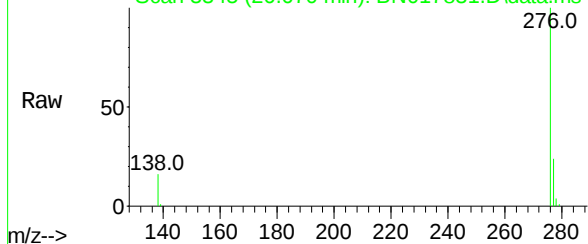
Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Abundance Scan 3345 (26.670 min): BN017831.D\data.ms



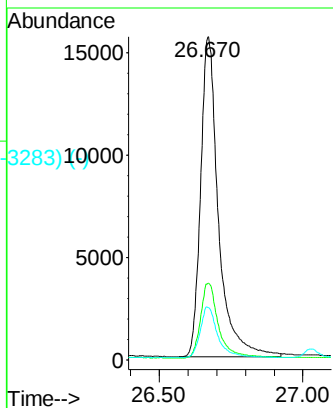
Tgt Ion:276 Resp: 67253

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 16.1 13.2 19.8



Abundance Scan 3345 (26.670 min): BN017831.D\data.ms (-3283) (-)

