

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
 Data File : BN017347.D
 Acq On : 09 Nov 2021 13:29
 Operator : CG/JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Quant Time: Nov 09 14:05:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 09 11:50:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

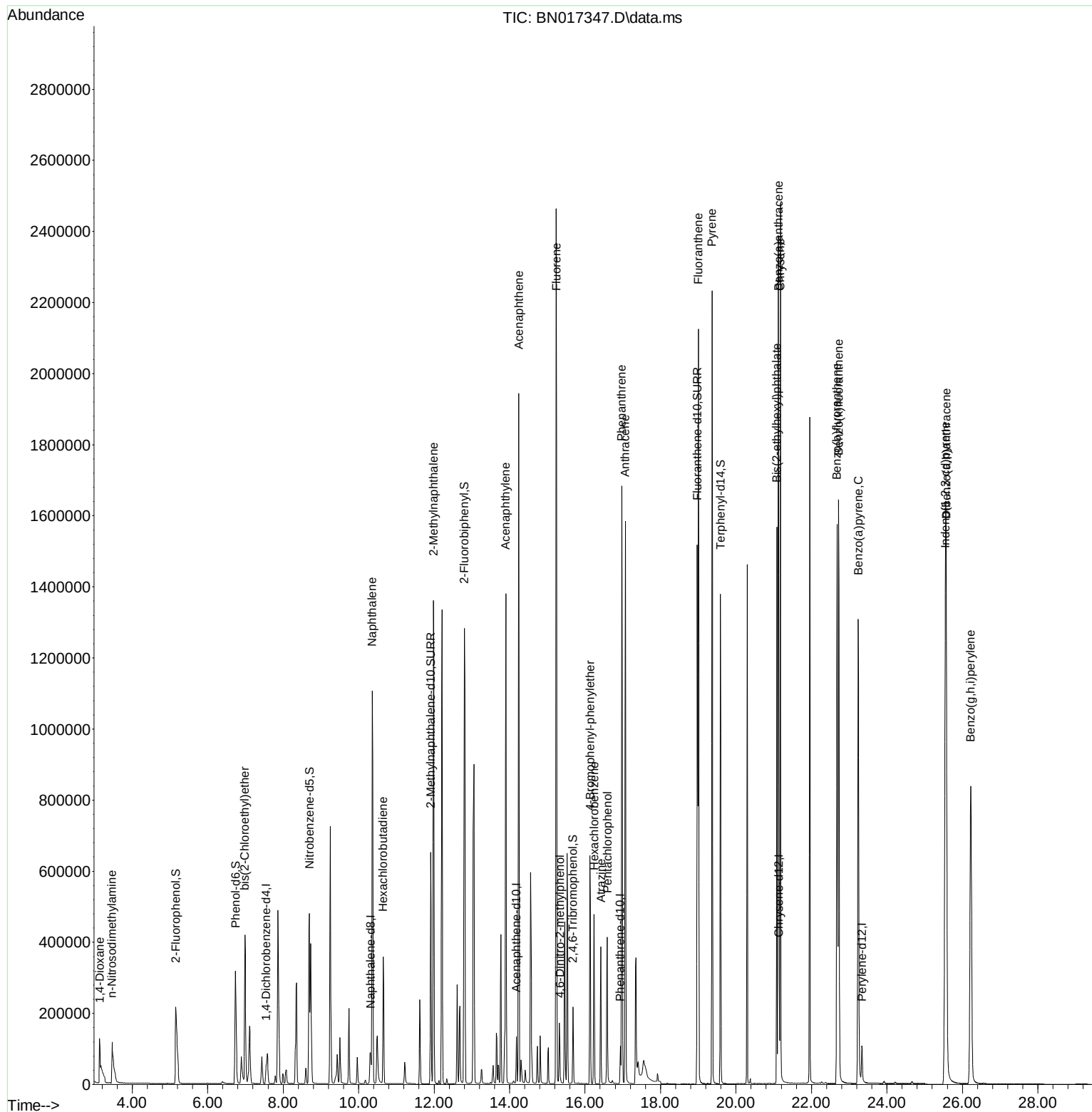
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	30464	0.400	ng	0.00
7) Naphthalene-d8	10.320	136	127847	0.400	ng	0.00
13) Acenaphthene-d10	14.181	164	69908	0.400	ng	0.00
19) Phenanthrene-d10	16.934	188	132317	0.400	ng	0.00
29) Chrysene-d12	21.144	240	126518	0.400	ng	0.00
35) Perylene-d12	23.335	264	127064	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.154	112	337820	4.577	ng	0.00
5) Phenol-d6	6.740	99	389070	4.839	ng	0.00
8) Nitrobenzene-d5	8.697	82	413421	5.267	ng	0.01
11) 2-Methylnaphthalene-d10	11.911	152	859358	4.763	ng	0.00
14) 2,4,6-Tribromophenol	15.679	330	150936	6.213	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	1226947	4.672	ng	0.00
27) Fluoranthene-d10	18.975	212	1655237	4.917	ng	0.00
31) Terphenyl-d14	19.591	244	1373764	4.971	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.144	88	69114	3.188	ng	93
3) n-Nitrosodimethylamine	3.467	42	135876	4.739	ng	98
6) bis(2-Chloroethyl)ether	6.989	93	363015	4.378	ng	97
9) Naphthalene	10.358	128	1518135	4.410	ng	100
10) Hexachlorobutadiene	10.649	225	297540	4.745	ng	# 100
12) 2-Methylnaphthalene	11.987	142	976952	4.607	ng	99
16) Acenaphthylene	13.902	152	1479134	5.152	ng	100
17) Acenaphthene	14.245	154	911598	4.740	ng	97
18) Fluorene	15.235	166	1101213	4.834	ng	99
20) 4,6-Dinitro-2-methylph...	15.336	198	127553	9.136	ng	# 77
21) 4-Bromophenyl-phenylether	16.131	248	340325	4.587	ng	99
22) Hexachlorobenzene	16.240	284	359954	4.520	ng	100
23) Atrazine	16.423	200	285719	5.685	ng	99
24) Pentachlorophenol	16.593	266	197976	7.899	ng	100
25) Phenanthrene	16.970	178	1733914	4.675	ng	100
26) Anthracene	17.068	178	1631922	5.111	ng	99
28) Fluoranthene	19.005	202	1884303	4.637	ng	99
30) Pyrene	19.367	202	1968181	4.865	ng	100
32) Benzo(a)anthracene	21.123	228	1983486	5.047	ng	99
33) Chrysene	21.176	228	1881600	4.694	ng	99
34) Bis(2-ethylhexyl)phtha...	21.080	149	1199468	6.336	ng	98
36) Indeno(1,2,3-cd)pyrene	25.547	276	2061891	4.602	ng	99
37) Benzo(b)fluoranthene	22.678	252	1971691	4.825	ng	100
38) Benzo(k)fluoranthene	22.723	252	1891923	4.663	ng	100
39) Benzo(a)pyrene	23.240	252	1805179	4.892	ng	99
40) Dibenzo(a,h)anthracene	25.571	278	1699401	4.697	ng	100
41) Benzo(g,h,i)perylene	26.221	276	1761772	4.481	ng	100

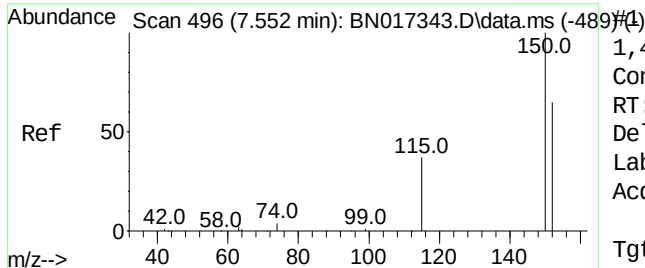
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.552 min Scan# 4

Delta R.T. -0.000 min

Lab File: BN017347.D

Acq: 09 Nov 2021 13:29

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

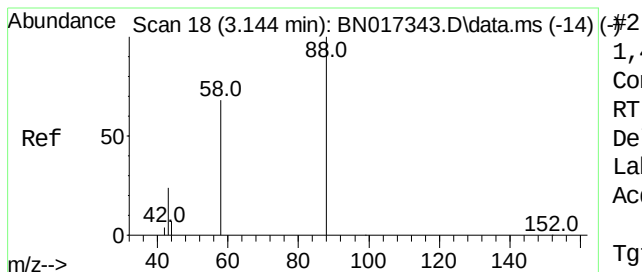
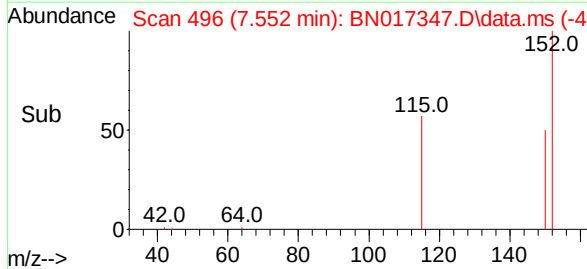
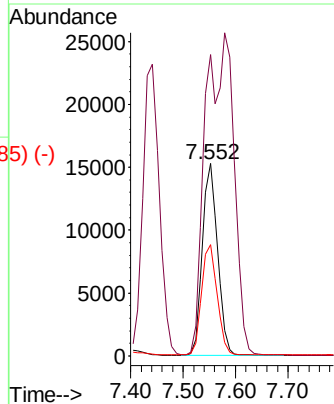
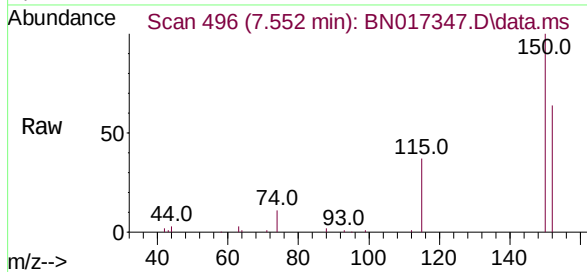
Tgt Ion:152 Resp: 30464

Ion Ratio Lower Upper

152 100

150 156.9 123.0 184.4

115 57.9 45.6 68.4



1,4-Dioxane

Concen: 3.188 ng

RT: 3.144 min Scan# 18

Delta R.T. 0.000 min

Lab File: BN017347.D

Acq: 09 Nov 2021 13:29

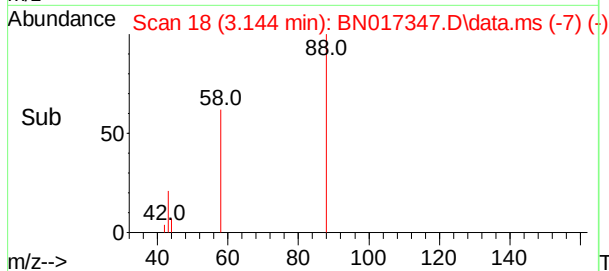
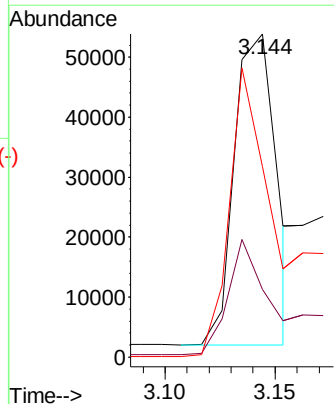
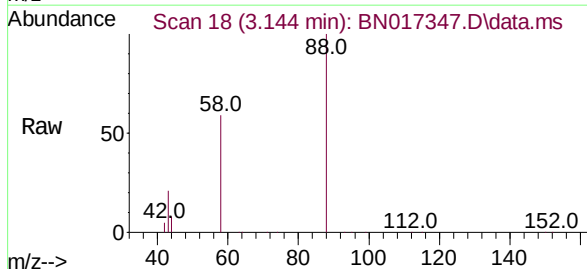
Tgt Ion: 88 Resp: 69114

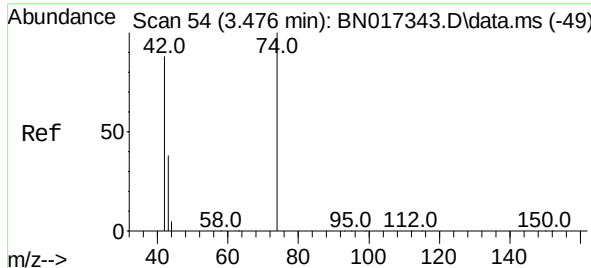
Ion Ratio Lower Upper

88 100

43 33.4 24.7 37.1

58 85.3 63.0 94.6

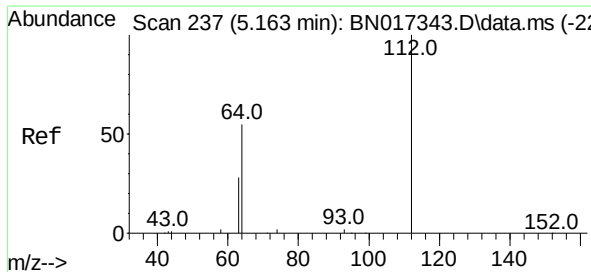
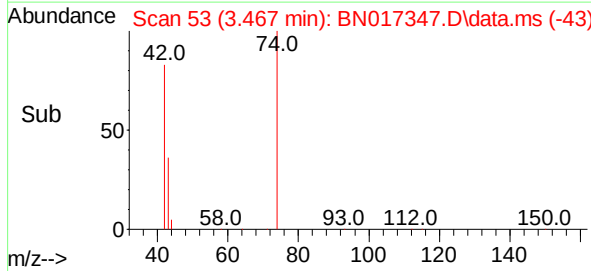
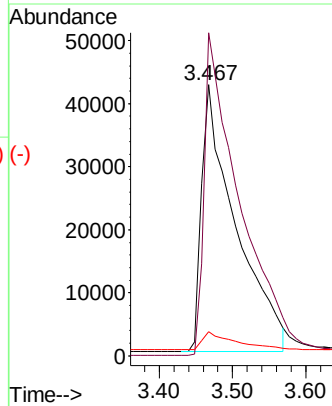
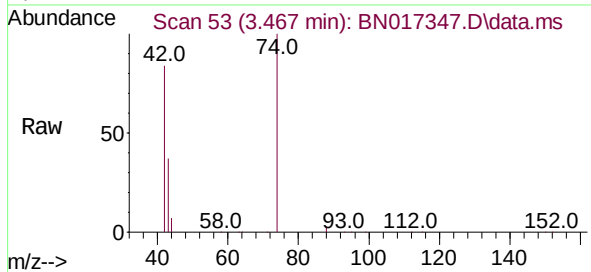




n-Nitrosodimethylamine
 Concen: 4.739 ng
 RT: 3.467 min Scan# 1
 Delta R.T. -0.009 min
 Lab File: BN017347.D
 Acq: 09 Nov 2021 13:29

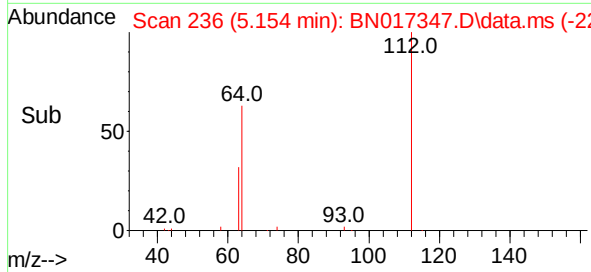
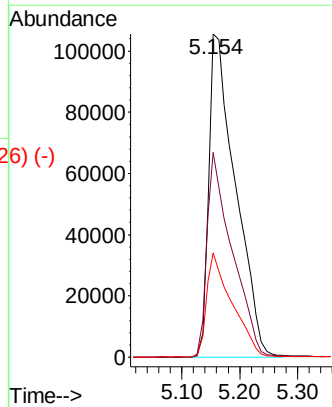
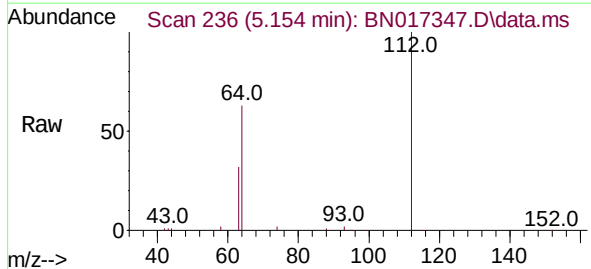
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

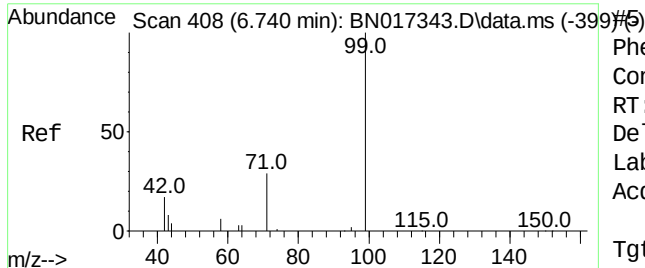
Tgt Ion:	42	Resp:	135876
Ion	Ratio	Lower	Upper
42	100		
74	123.9	97.8	146.6
44	6.3	5.5	8.3



2-Fluorophenol
 Concen: 4.577 ng
 RT: 5.154 min Scan# 236
 Delta R.T. -0.009 min
 Lab File: BN017347.D
 Acq: 09 Nov 2021 13:29

Tgt Ion:	112	Resp:	337820
Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.6	71.4
63	30.4	24.6	37.0





Phenol-d6

Concen: 4.839 ng

RT: 6.740 min Scan# 408

Delta R.T. 0.000 min

Lab File: BN017347.D

Acq: 09 Nov 2021 13:29

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

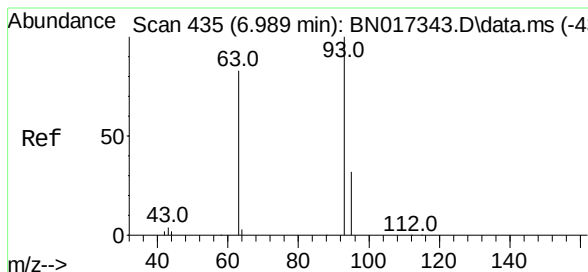
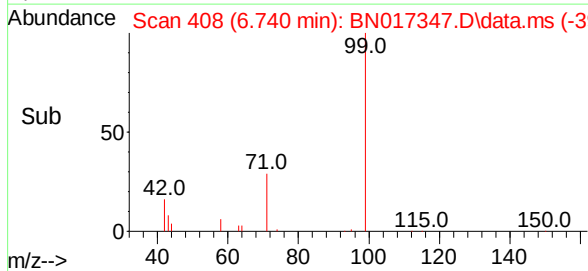
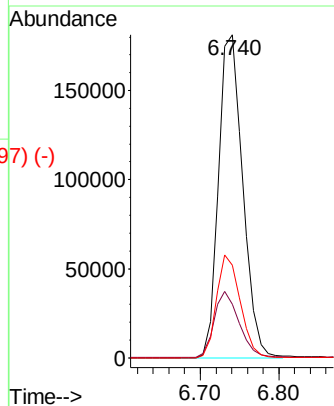
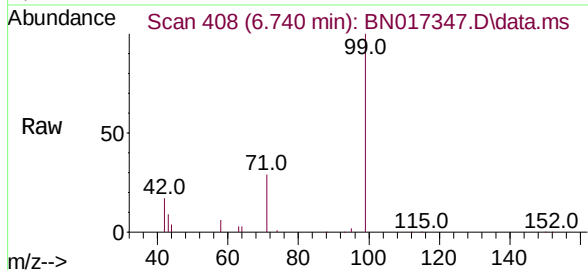
Tgt Ion: 99 Resp: 389070

Ion Ratio Lower Upper

99 100

42 20.8 17.0 25.6

71 31.1 24.8 37.2



bis(2-Chloroethyl)ether

Concen: 4.378 ng

RT: 6.989 min Scan# 435

Delta R.T. 0.000 min

Lab File: BN017347.D

Acq: 09 Nov 2021 13:29

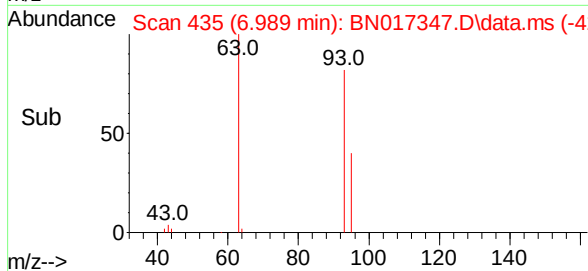
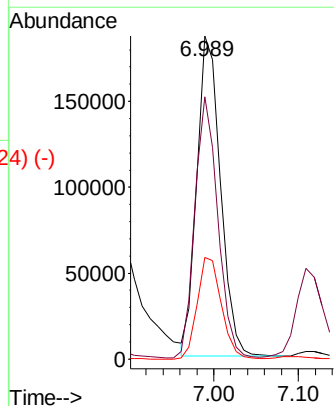
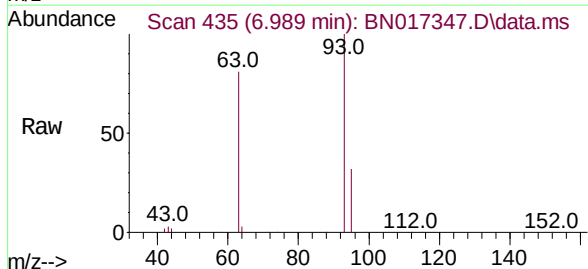
Tgt Ion: 93 Resp: 363015

Ion Ratio Lower Upper

93 100

63 78.8 65.8 98.6

95 32.4 26.6 39.8



Abundance Scan 737 (10.319 min): BN017343.D\data.ms (-737) (-)

Naphthalene-d8

Concen: 0.400 ng

RT: 10.320 min Scan#

Delta R.T. 0.000 min

Lab File: BN017347.D

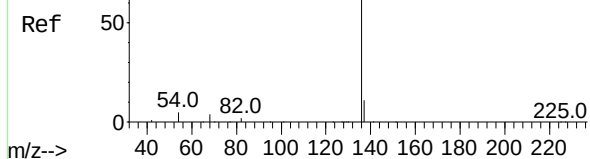
Acq: 09 Nov 2021 13:29

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0



Tgt Ion:136 Resp: 127847

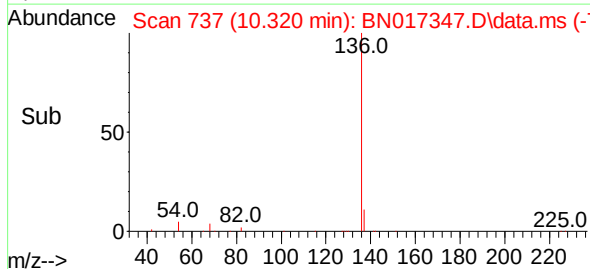
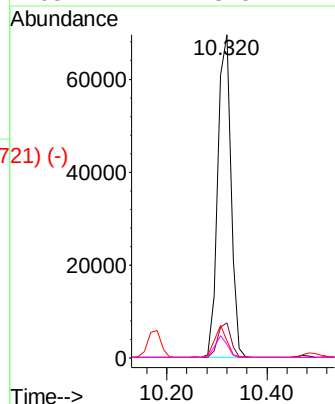
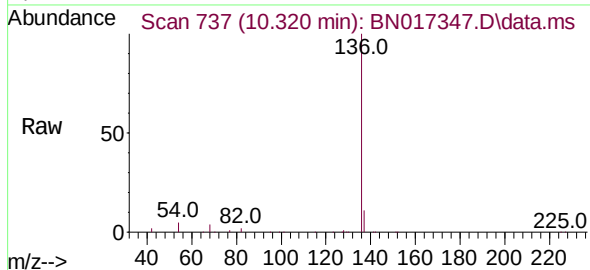
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 5.3 4.0 6.0

68 4.1 3.0 4.6



Abundance Scan 608 (8.684 min): BN017343.D\data.ms (-605) (-)

Nitrobenzene-d5

Concen: 5.267 ng

RT: 8.697 min Scan# 609

Delta R.T. 0.013 min

Lab File: BN017347.D

Acq: 09 Nov 2021 13:29

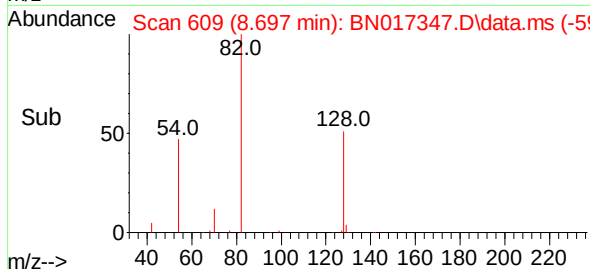
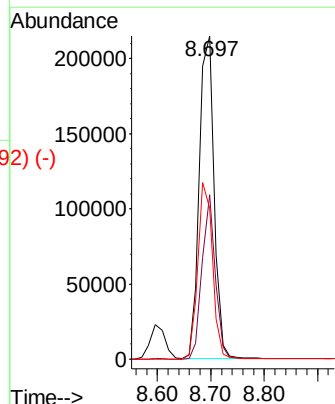
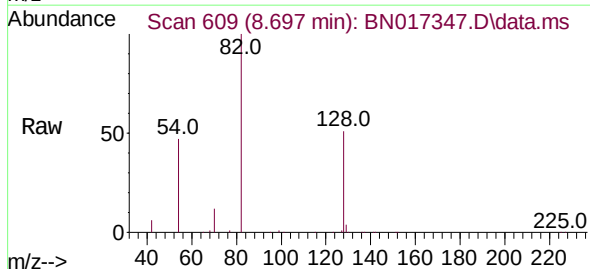
Tgt Ion: 82 Resp: 413421

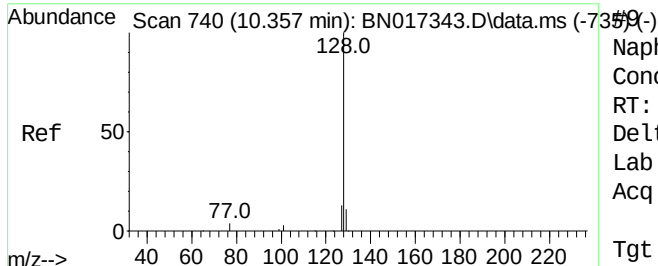
Ion Ratio Lower Upper

82 100

128 50.9 27.7 41.5#

54 46.8 49.2 73.8#





Naphthalene

Concen: 4.410 ng

RT: 10.358 min Scan#

Delta R.T. 0.000 min

Lab File: BN017347.D

Acq: 09 Nov 2021 13:29

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

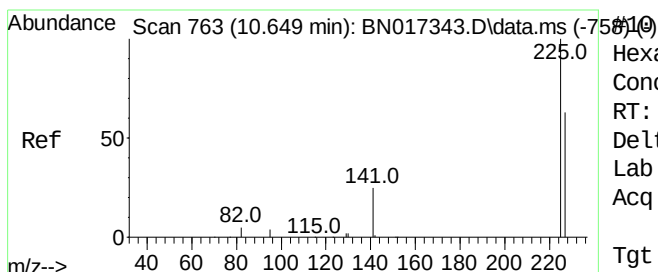
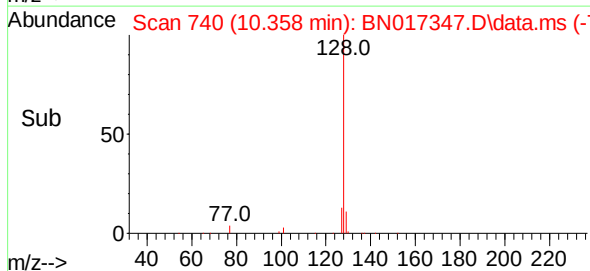
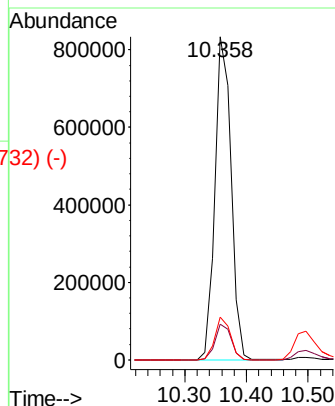
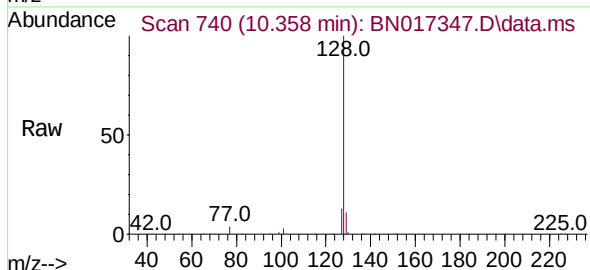
Tgt Ion:128 Resp: 1518135

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 13.2 10.6 15.8



Hexachlorobutadiene

Concen: 4.745 ng

RT: 10.649 min Scan# 763

Delta R.T. 0.000 min

Lab File: BN017347.D

Acq: 09 Nov 2021 13:29

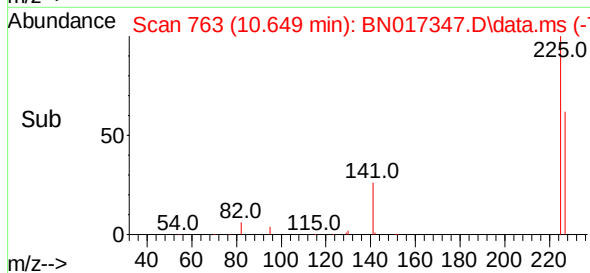
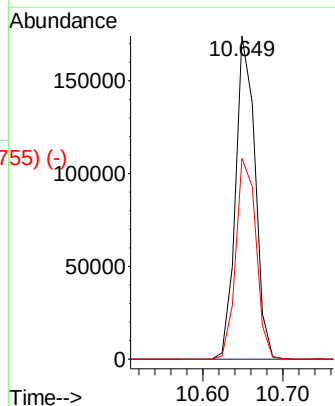
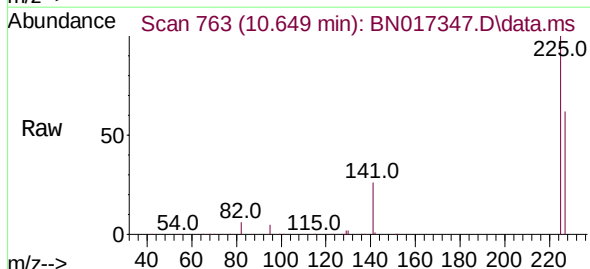
Tgt Ion:225 Resp: 297540

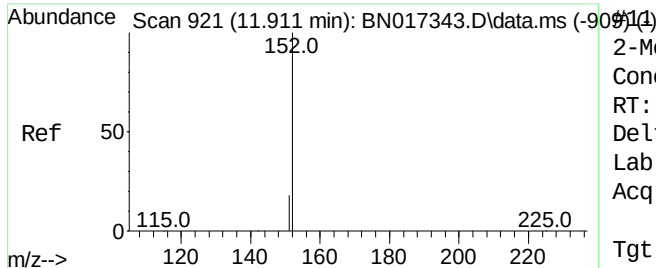
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.0 51.1 76.7

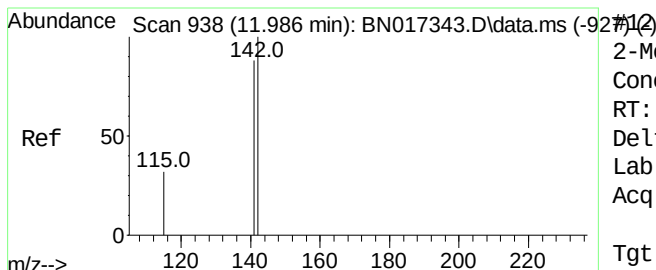
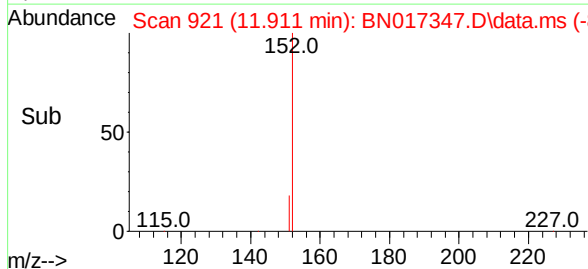
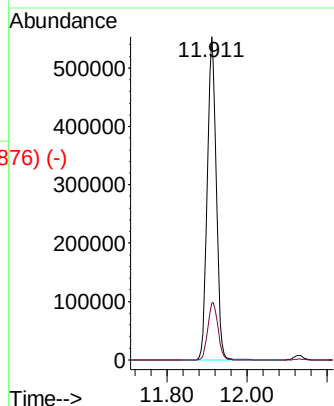
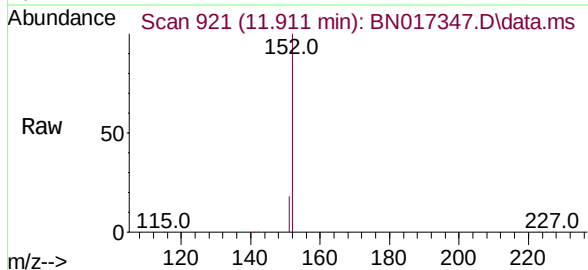




2-Methylnaphthalene-d10
Concen: 4.763 ng
RT: 11.911 min Scan# 921
Delta R.T. 0.000 min
Lab File: BN017347.D
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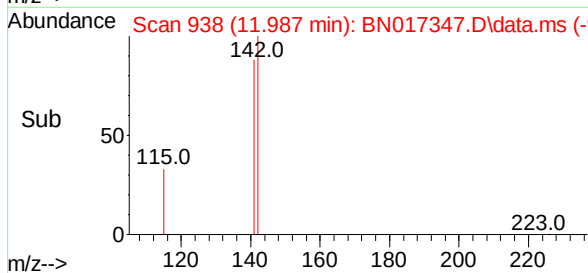
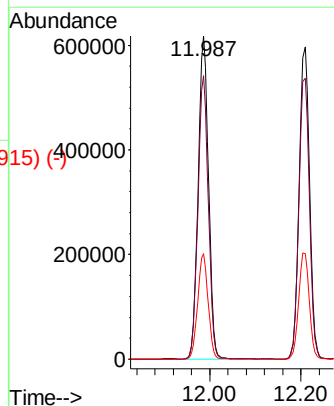
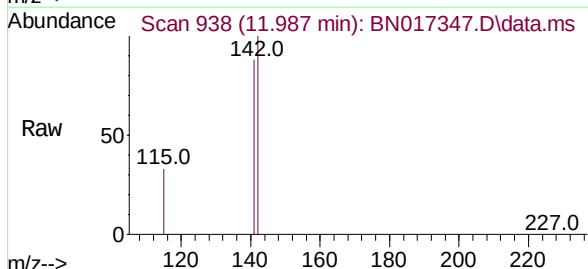
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 859358
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4



2-Methylnaphthalene
Concen: 4.607 ng
RT: 11.987 min Scan# 938
Delta R.T. 0.000 min
Lab File: BN017347.D
Acq: 09 Nov 2021 13:29

Tgt Ion:142 Resp: 976952
Ion Ratio Lower Upper
142 100
141 87.6 70.6 106.0
115 32.6 25.8 38.6



Abundance Scan 1187 (14.181 min): BN017343.D\data.ms (-1171) (-)

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.181 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BN017347.D

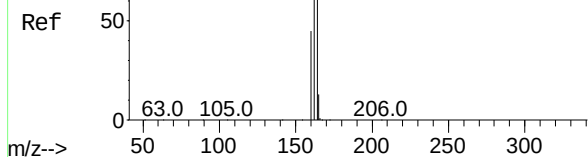
Acq: 09 Nov 2021 13:29

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0



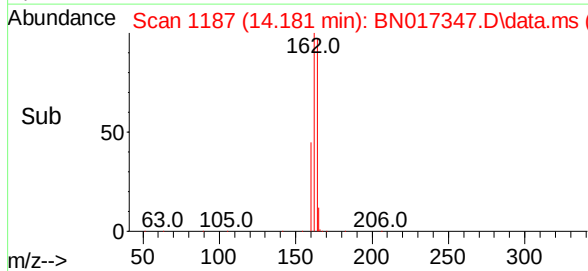
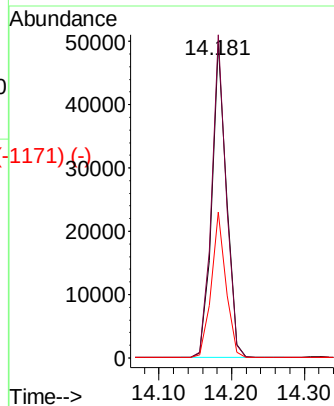
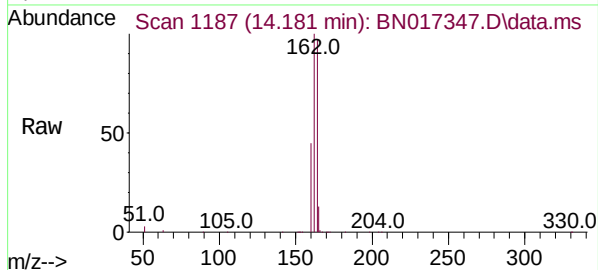
Tgt Ion:164 Resp: 69908

Ion Ratio Lower Upper

164 100

162 102.8 81.4 122.2

160 46.3 36.8 55.2



Abundance Scan 1305 (15.678 min): BN017343.D\data.ms (-1297) (-)

2,4,6-Tribromophenol

Concen: 6.213 ng

RT: 15.679 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BN017347.D

Acq: 09 Nov 2021 13:29

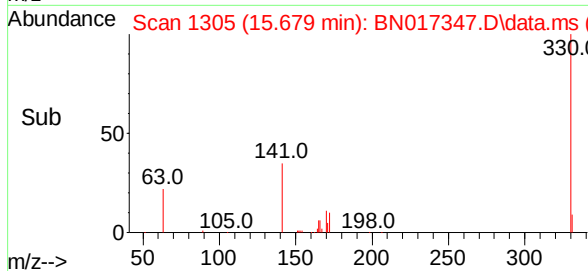
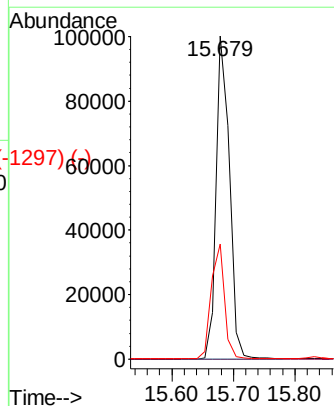
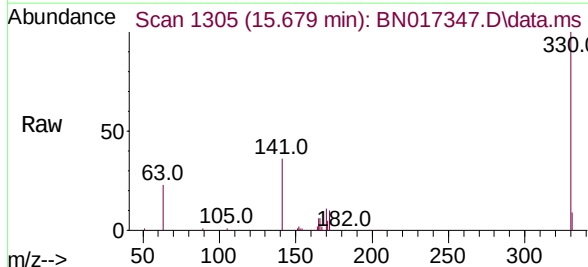
Tgt Ion:330 Resp: 150936

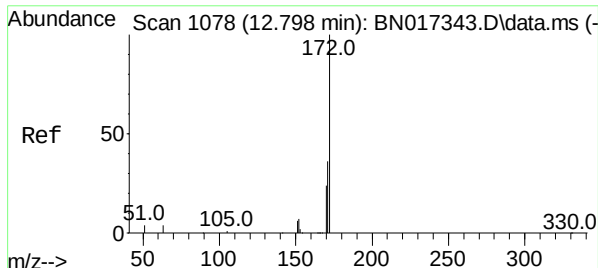
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 35.7 28.9 43.3



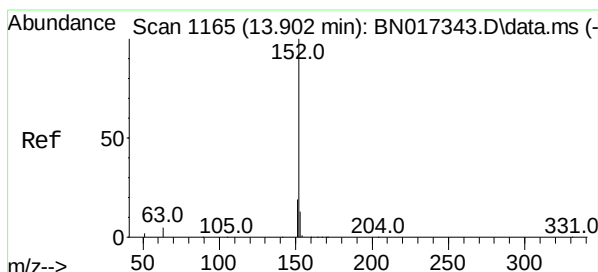
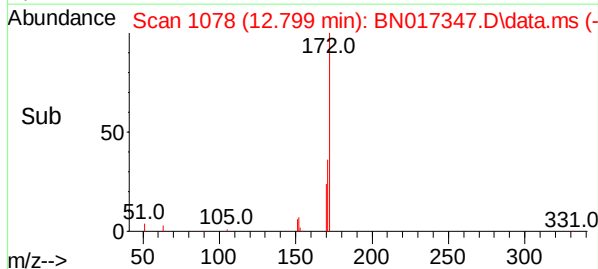
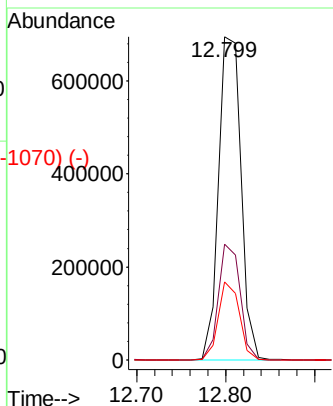
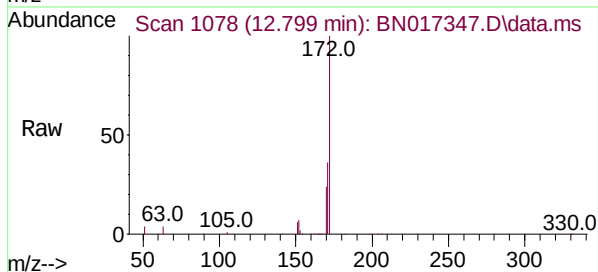


2-Fluorobiphenyl
 Concen: 4.672 ng
 RT: 12.799 min Scan# 1165
 Delta R.T. 0.000 min
 Lab File: BN017347.D
 Acq: 09 Nov 2021 13:29

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Tgt Ion:172 Resp: 1226947

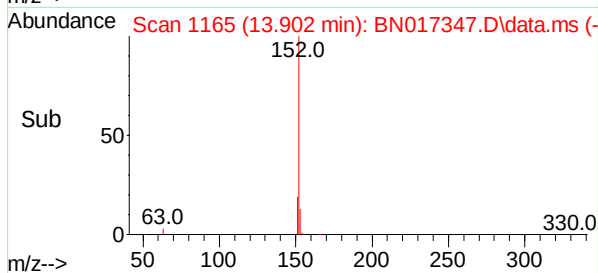
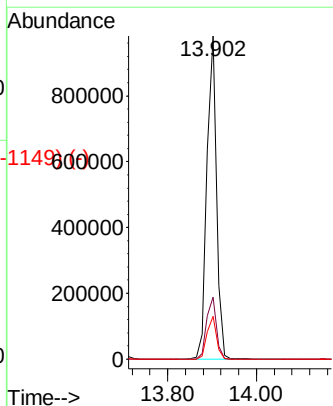
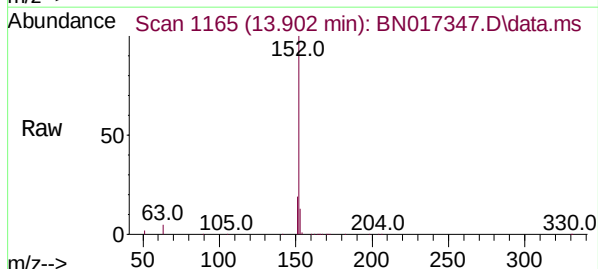
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.7	43.1
170	24.2	19.4	29.2



Acenaphthylene
 Concen: 5.152 ng
 RT: 13.902 min Scan# 1165
 Delta R.T. 0.000 min
 Lab File: BN017347.D
 Acq: 09 Nov 2021 13:29

Tgt Ion:152 Resp: 1479134

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.2	10.4	15.6



Abundance Scan 1192 (14.245 min): BN017343.D\data.ms (-1184) (-)

Acenaphthene

Concen: 4.740 ng

RT: 14.245 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BN017347.D

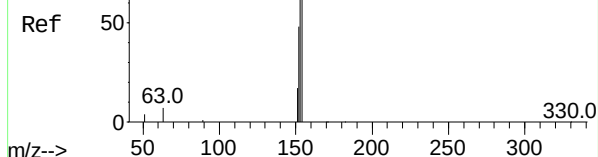
Acq: 09 Nov 2021 13:29

Instrument :

BN017347.D

ClientSampleId :

SSTDICC5.0



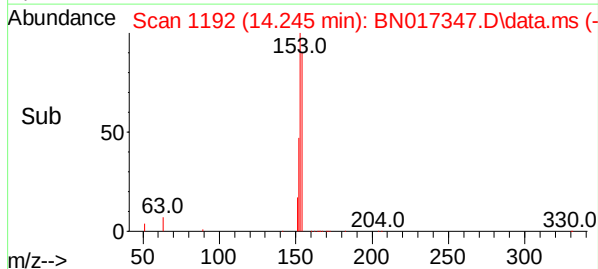
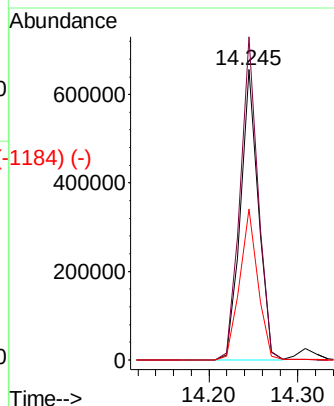
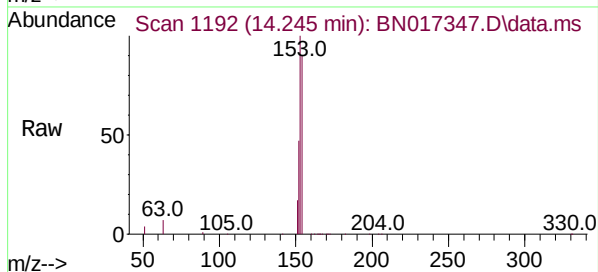
Tgt Ion:154 Resp: 911598

Ion Ratio Lower Upper

154 100

153 111.7 91.2 136.8

152 52.9 44.3 66.5



Abundance Scan 1270 (15.234 min): BN017343.D\data.ms (-1254) (-)

Fluorene

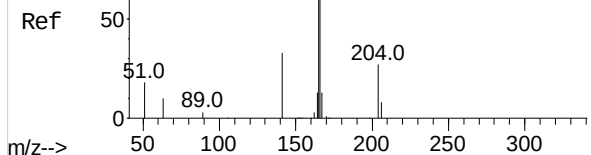
Concen: 4.834 ng

RT: 15.235 min Scan# 1270

Delta R.T. 0.000 min

Lab File: BN017347.D

Acq: 09 Nov 2021 13:29



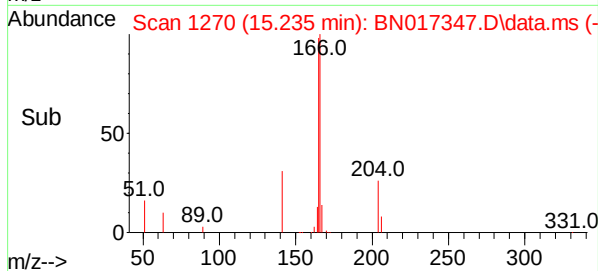
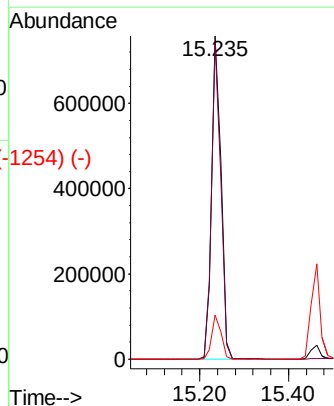
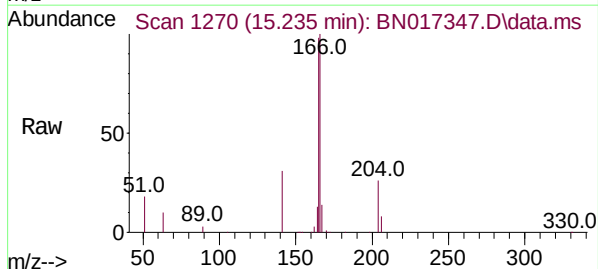
Tgt Ion:166 Resp: 1101213

Ion Ratio Lower Upper

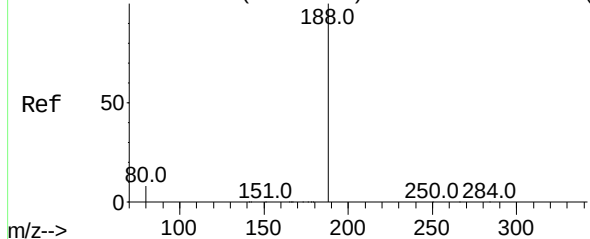
166 100

165 96.2 77.9 116.9

167 13.6 10.9 16.3



Abundance Scan 1407 (16.934 min): BN017343.D\data.ms (-1407) (-)



Phenanthrene-d10

Concen: 0.400 ng

RT: 16.934 min Scan# 1407

Delta R.T. 0.000 min

Lab File: BN017347.D

Acq: 09 Nov 2021 13:29

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

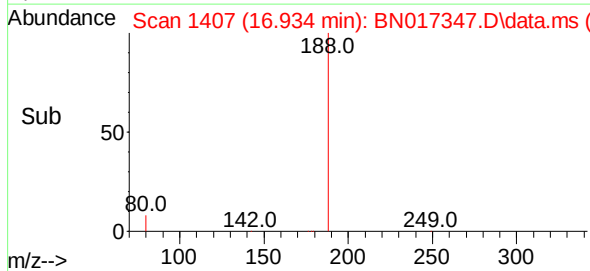
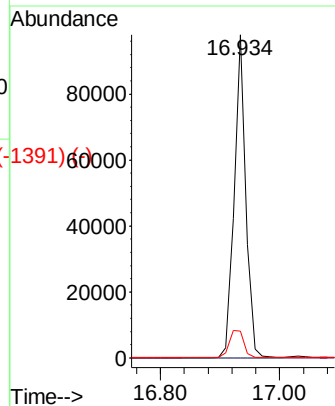
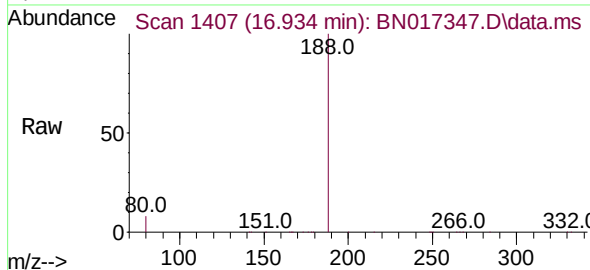
Tgt Ion:188 Resp: 132317

Ion Ratio Lower Upper

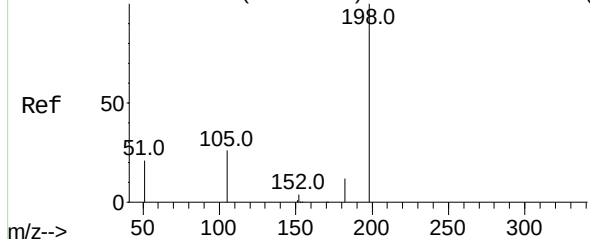
188 100

94 0.0 0.0 0.0

80 8.4 6.1 9.1



Abundance Scan 1278 (15.336 min): BN017343.D\data.ms (-1278) (-)



4,6-Dinitro-2-methylphenol

Concen: 9.136 ng

RT: 15.336 min Scan# 1278

Delta R.T. 0.000 min

Lab File: BN017347.D

Acq: 09 Nov 2021 13:29

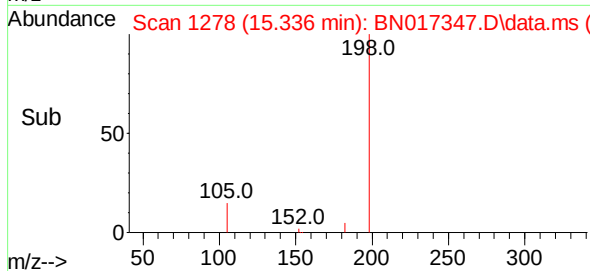
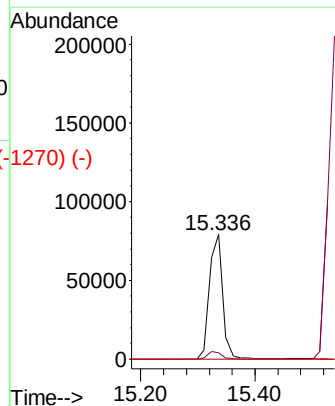
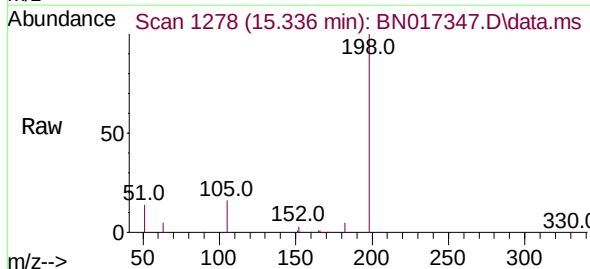
Tgt Ion:198 Resp: 127553

Ion Ratio Lower Upper

198 100

182 5.0 11.4 17.2#

77 0.0 0.0 0.0



Abundance Scan 1341 (16.131 min): BN017343.D\data.ms (-1327) (-)

4-Bromophenyl-phenylether

Concen: 4.587 ng

RT: 16.131 min Scan# 1341

Delta R.T. 0.000 min

Lab File: BN017347.D

Acq: 09 Nov 2021 13:29

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

Tgt Ion:248 Resp: 340325

Ion Ratio Lower Upper

248 100

250 88.8 71.8 107.8

141 88.3 70.9 106.3

Abundance Scan 1341 (16.131 min): BN017347.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

80.0 100 150 200 250 300

141.0 173.0 215.0 248.0 284.0 332.0

m/z-->

Abundance Scan 1341 (16.131 min): BN017347.D\data.ms (-1333) (-)

Ref 50

Raw 50

Sub 50

m/z-->

80.0 100 150 200 250 300

141.0 173.0 215.0 248.0 284.0

m/z-->

Abundance

200000

150000

100000

50000

0

Time-->

16.10 16.20

Abundance Scan 1350 (16.240 min): BN017343.D\data.ms (-1322) (-)

Hexachlorobenzene

Concen: 4.520 ng

RT: 16.240 min Scan# 1350

Delta R.T. 0.000 min

Lab File: BN017347.D

Acq: 09 Nov 2021 13:29

Tgt Ion:284 Resp: 359954

Ion Ratio Lower Upper

284 100

142 34.8 28.2 42.2

249 30.6 24.4 36.6

Abundance Scan 1350 (16.240 min): BN017347.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

80.0 100 150 200 250 300

142.0 179.0 215.0 249.0 284.0 330.0

m/z-->

Abundance Scan 1350 (16.240 min): BN017347.D\data.ms (-1342) (-)

Ref 50

Raw 50

Sub 50

m/z-->

80.0 100 150 200 250 300

142.0 179.0 215.0 249.0 284.0

m/z-->

Abundance

200000

150000

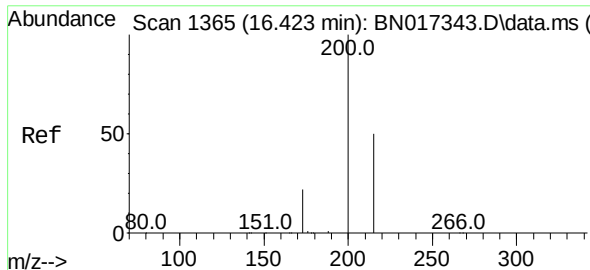
100000

50000

0

Time-->

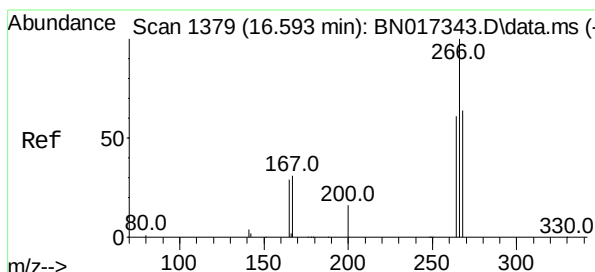
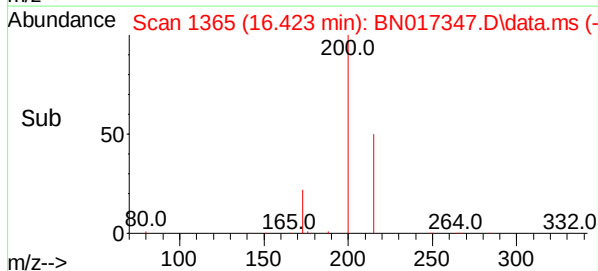
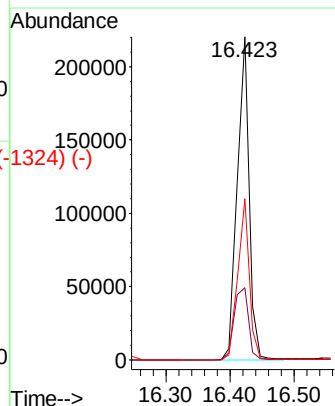
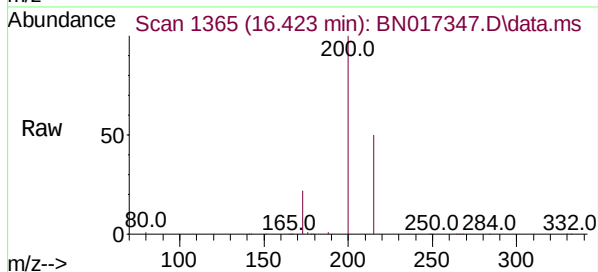
16.20 16.30



Atrazine
Concen: 5.685 ng
RT: 16.423 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BN017347.D
Acq: 09 Nov 2021 13:29

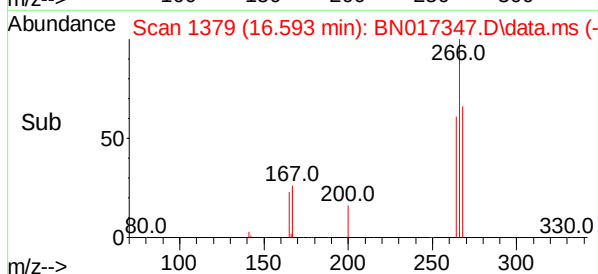
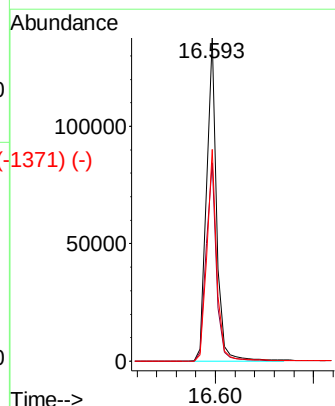
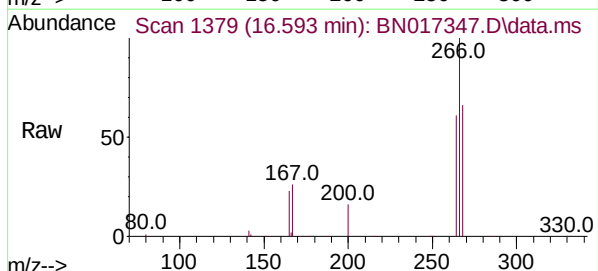
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:200 Resp: 285719
Ion Ratio Lower Upper
200 100
173 22.4 17.6 26.4
215 49.9 40.2 60.4

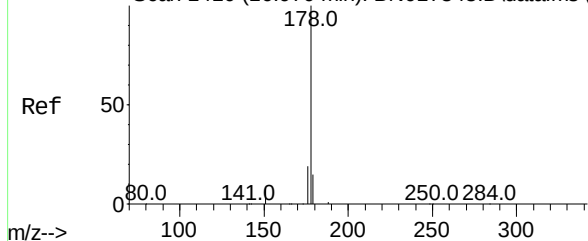


Pentachlorophenol
Concen: 7.899 ng
RT: 16.593 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BN017347.D
Acq: 09 Nov 2021 13:29

Tgt Ion:266 Resp: 197976
Ion Ratio Lower Upper
266 100
264 63.0 49.8 74.8
268 64.2 51.3 76.9



Abundance Scan 1410 (16.970 min): BN017343.D\data.ms (-1425) (-)



Phenanthrene

Concen: 4.675 ng

RT: 16.970 min Scan# 1410

Delta R.T. 0.000 min

Lab File: BN017347.D

Acq: 09 Nov 2021 13:29

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

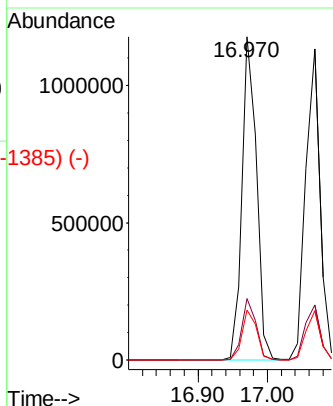
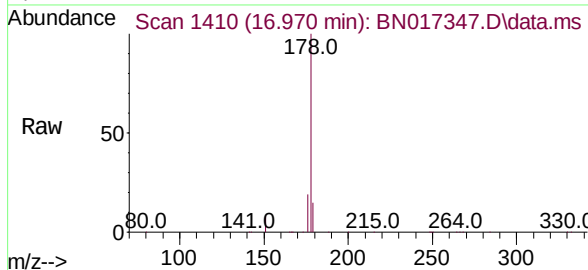
Tgt Ion:178 Resp: 1733914

Ion Ratio Lower Upper

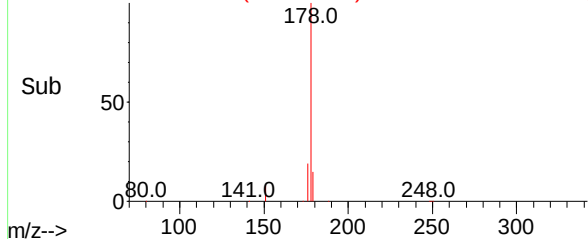
178 100

176 18.7 15.0 22.6

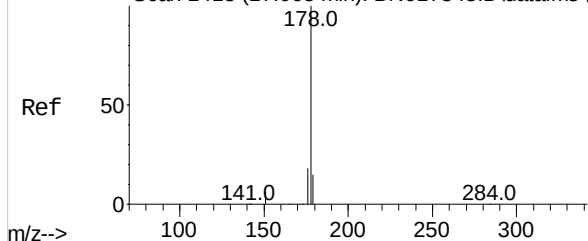
179 15.5 12.3 18.5



Abundance Scan 1410 (16.970 min): BN017347.D\data.ms (-1385) (-)



Abundance Scan 1418 (17.068 min): BN017343.D\data.ms (-1425) (-)



Anthracene

Concen: 5.111 ng

RT: 17.068 min Scan# 1418

Delta R.T. 0.000 min

Lab File: BN017347.D

Acq: 09 Nov 2021 13:29

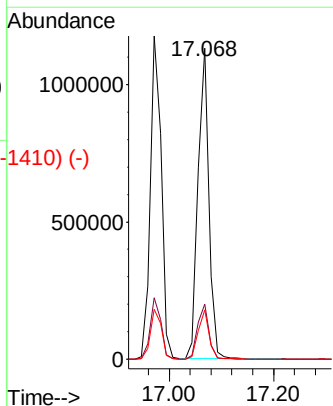
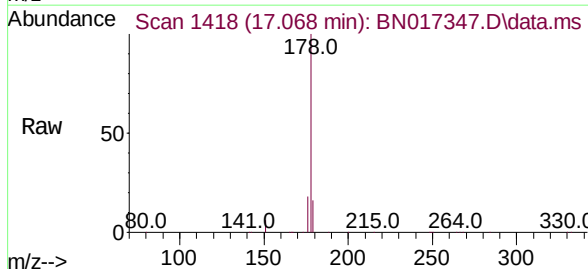
Tgt Ion:178 Resp: 1631922

Ion Ratio Lower Upper

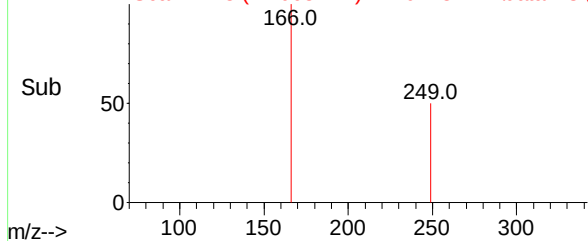
178 100

176 18.1 14.6 22.0

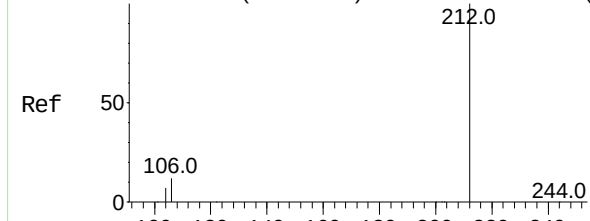
179 15.6 12.2 18.4



Abundance Scan 1418 (17.068 min): BN017347.D\data.ms (-1410) (-)



Abundance Scan 1689 (18.975 min): BN017343.D\data.ms (-1629) (-)



Fluoranthene-d10

Concen: 4.917 ng

RT: 18.975 min Scan# 1689

Delta R.T. 0.000 min

Lab File: BN017347.D

Acq: 09 Nov 2021 13:29

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

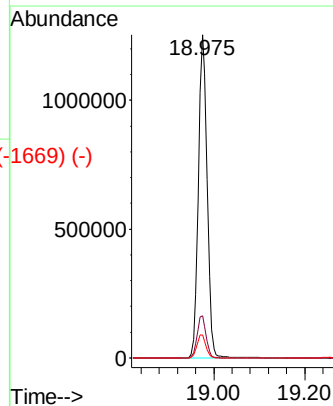
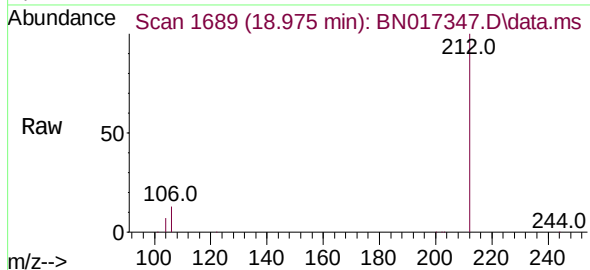
Tgt Ion:212 Resp: 1655237

Ion Ratio Lower Upper

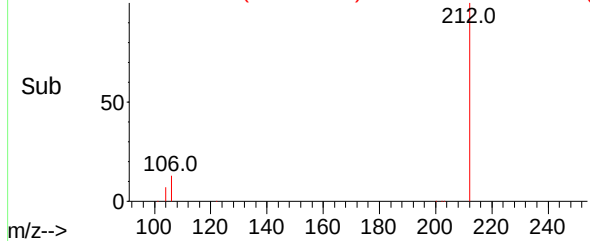
212 100

106 13.4 10.5 15.7

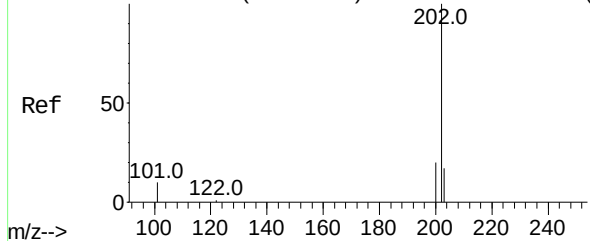
104 7.4 5.8 8.6



Abundance Scan 1689 (18.975 min): BN017347.D\data.ms (-1669) (-)



Abundance Scan 1695 (19.005 min): BN017343.D\data.ms (-1629) (-)



Fluoranthene

Concen: 4.637 ng

RT: 19.005 min Scan# 1695

Delta R.T. 0.000 min

Lab File: BN017347.D

Acq: 09 Nov 2021 13:29

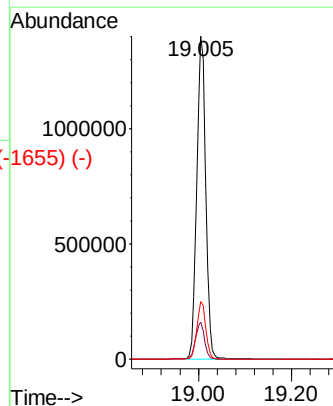
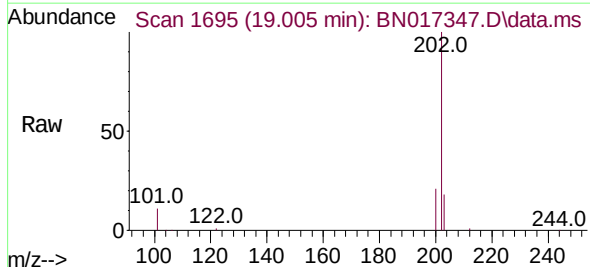
Tgt Ion:202 Resp: 1884303

Ion Ratio Lower Upper

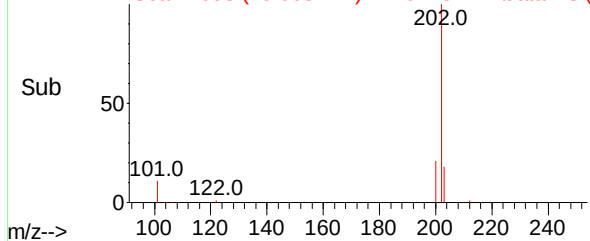
202 100

101 11.5 8.9 13.3

203 17.7 13.8 20.6



Abundance Scan 1695 (19.005 min): BN017347.D\data.ms (-1655) (-)



Abundance Scan 2004 (21.144 min): BN017343.D\data.ms (-1925) (-)

Chrysene-d12

Concen: 0.400 ng

RT: 21.144 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN017347.D

Acq: 09 Nov 2021 13:29

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

Tgt Ion:240 Resp: 126518

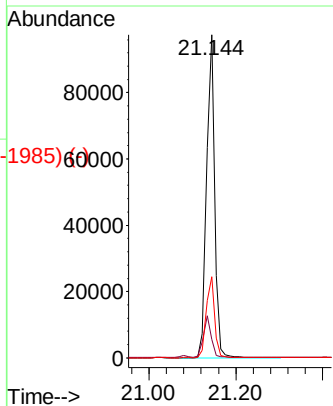
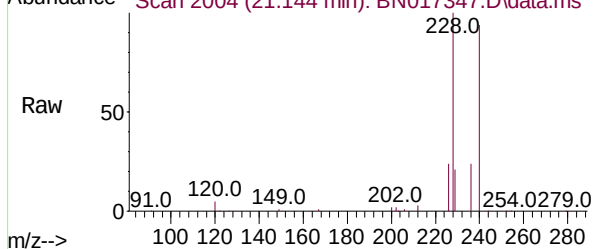
Ion Ratio Lower Upper

240 100

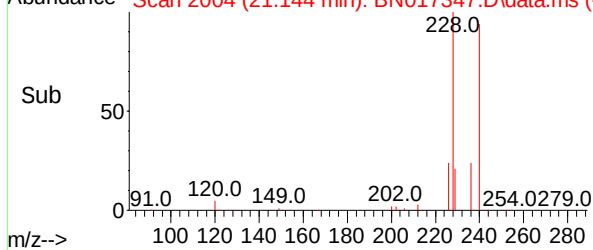
120 5.8 4.2 6.2

236 25.1 20.0 30.0

Abundance Scan 2004 (21.144 min): BN017347.D\data.ms



Abundance Scan 2004 (21.144 min): BN017347.D\data.ms (-1985) (-)



Abundance Scan 1768 (19.367 min): BN017343.D\data.ms (-1738) (-)

Pyrene

Concen: 4.865 ng

RT: 19.367 min Scan# 1768

Delta R.T. 0.000 min

Lab File: BN017347.D

Acq: 09 Nov 2021 13:29

Tgt Ion:202 Resp: 1968181

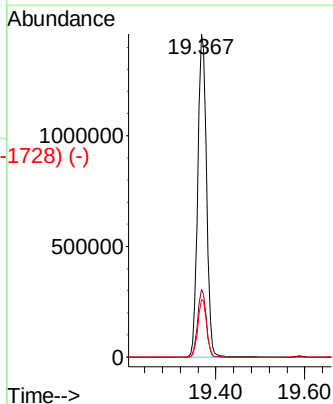
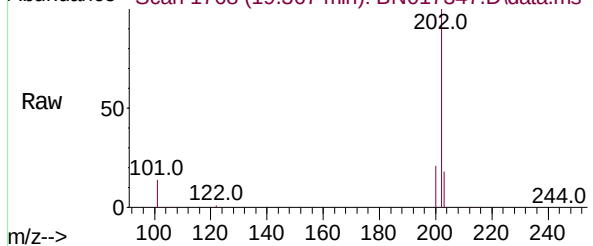
Ion Ratio Lower Upper

202 100

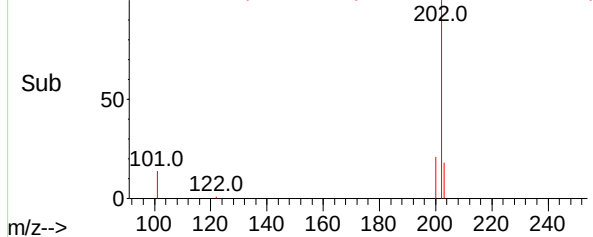
200 20.7 16.5 24.7

203 17.9 14.0 21.0

Abundance Scan 1768 (19.367 min): BN017347.D\data.ms



Abundance Scan 1768 (19.367 min): BN017347.D\data.ms (-1728) (-)



Abundance Scan 1813 (19.590 min): BN017343.D\data.ms (-1783) (-)

Terphenyl-d14

Concen: 4.971 ng

RT: 19.591 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BN017347.D

Acq: 09 Nov 2021 13:29

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

Tgt Ion:244 Resp: 1373764

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 11.1 8.6 13.0

Abundance Scan 1813 (19.591 min): BN017347.D\data.ms

Ref 50

101.0 122.0 212.0 244.0

m/z-->

Raw 50

101.0 122.0 212.0 244.0

m/z-->

Abundance Scan 1813 (19.591 min): BN017347.D\data.ms (-1783) (-)

Sub 50

101.0 122.0 212.0 244.0

m/z-->

Abundance

19.591

1000000

800000

600000

400000

200000

0

Time-->

19.60

Abundance Scan 2002 (21.123 min): BN017343.D\data.ms (-1985) (-)

Benzo(a)anthracene

Concen: 5.047 ng

RT: 21.123 min Scan# 2002

Delta R.T. 0.000 min

Lab File: BN017347.D

Acq: 09 Nov 2021 13:29

Tgt Ion:228 Resp: 1983486

Ion Ratio Lower Upper

228 100

226 26.9 21.3 31.9

229 20.0 15.7 23.5

Abundance Scan 2002 (21.123 min): BN017347.D\data.ms

Ref 50

91.0 120.0 200.0 228.0 254.0279.0

m/z-->

Raw 50

91.0 120.0 149.0 200.0 254.0279.0

m/z-->

Abundance Scan 2002 (21.123 min): BN017347.D\data.ms (-1985) (-)

Sub 50

91.0 120.0 149.0 200.0 254.0279.0

m/z-->

Abundance

21.123

1500000

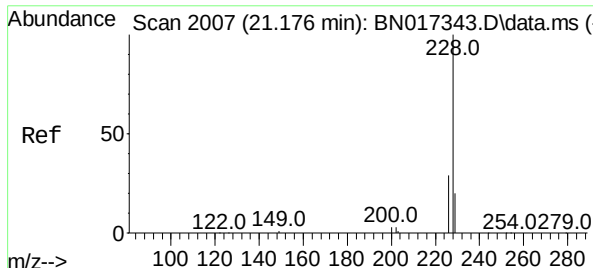
1000000

500000

0

Time-->

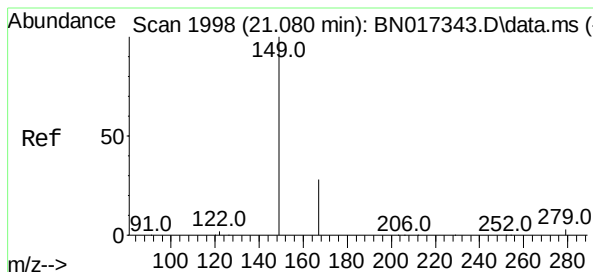
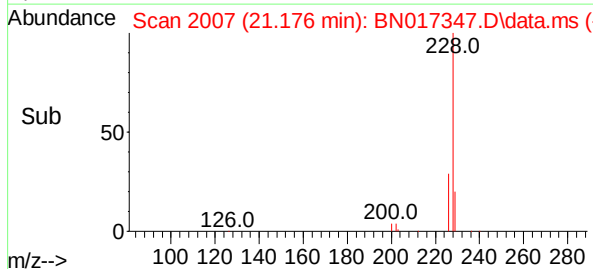
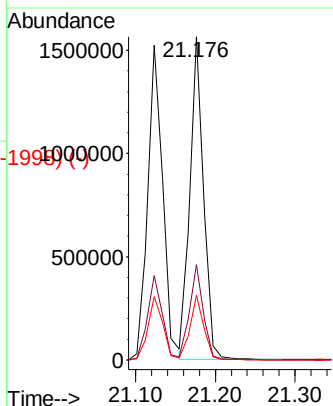
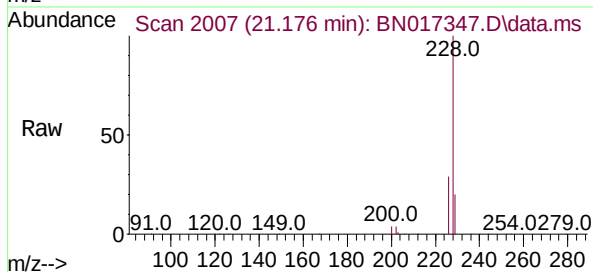
21.10



Scan 2007 (21.176 min): BN017343.D\data.ms (-1989) (-)
 Chrysene
 Concen: 4.694 ng
 RT: 21.176 min Scan# 2007
 Delta R.T. 0.000 min
 Lab File: BN017347.D
 Acq: 09 Nov 2021 13:29

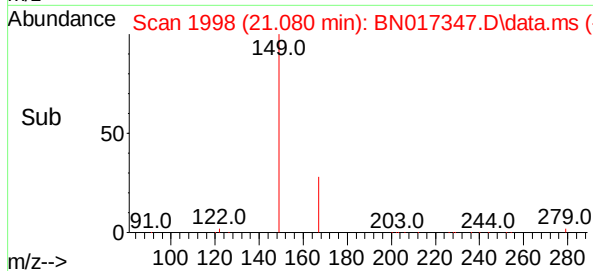
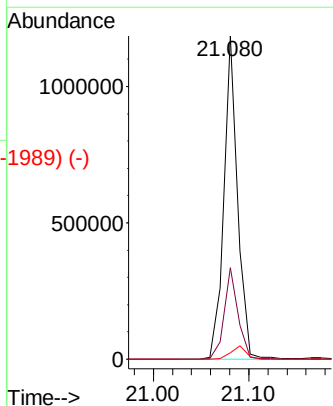
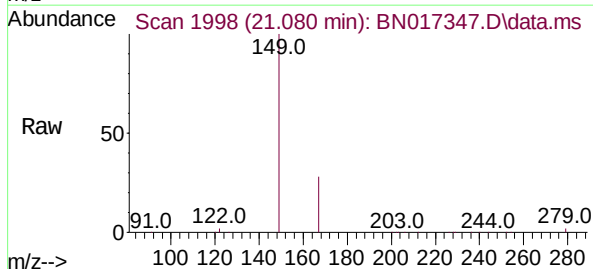
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Tgt Ion:	228	Resp:	1881600
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.3	34.9
229	20.0	15.6	23.4



Scan 1998 (21.080 min): BN017343.D\data.ms (-1989) (-)
 Bis(2-ethylhexyl)phthalate
 Concen: 6.336 ng
 RT: 21.080 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: BN017347.D
 Acq: 09 Nov 2021 13:29

Tgt Ion:	149	Resp:	1199468
Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.8	32.6
279	4.3	3.4	5.0



Abundance Scan 2394 (23.335 min): BN017343.D\data.ms (-235) (-)

Perylene-d12

Concen: 0.400 ng

RT: 23.335 min Scan# 2394

Delta R.T. 0.000 min

Lab File: BN017347.D

Acq: 09 Nov 2021 13:29

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

Tgt Ion:264 Resp: 127064

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

265 22.7 18.6 28.0

Abundance Scan 2394 (23.335 min): BN017347.D\data.ms

Ref 50

264.0

Raw 50

125.0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 2394 (23.335 min): BN017347.D\data.ms (-2350) (-)

Ref 50

264.0

Sub 50

125.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

23.335

60000

40000

20000

0

Time-->

23.20 23.40

Abundance Scan 3039 (25.543 min): BN017343.D\data.ms (-3039) (-)

Indeno(1,2,3-cd)pyrene

Concen: 4.602 ng

RT: 25.547 min Scan# 3040

Delta R.T. 0.004 min

Lab File: BN017347.D

Acq: 09 Nov 2021 13:29

Tgt Ion:276 Resp: 2061891

Ion Ratio Lower Upper

276 100

138 25.1 19.7 29.5

277 25.2 20.0 30.0

Abundance Scan 3040 (25.547 min): BN017347.D\data.ms

Ref 50

276.0

Raw 50

138.0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 3040 (25.547 min): BN017347.D\data.ms (-3010) (-)

Ref 50

276.0

Sub 50

138.0

m/z-->

140 160 180 200 220 240 260 280

Abundance

25.547

600000

400000

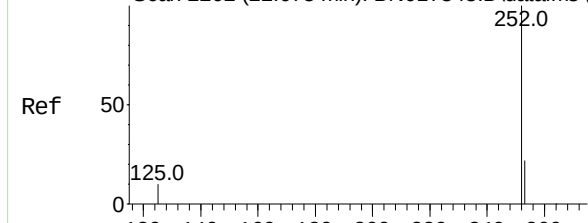
200000

0

Time-->

25.40 25.60

Abundance Scan 2202 (22.678 min): BN017343.D\data.ms (-2187) (-)



Benzo(b)fluoranthene

Concen: 4.825 ng

RT: 22.678 min Scan# 2187

Delta R.T. 0.000 min

Lab File: BN017347.D

Acq: 09 Nov 2021 13:29

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

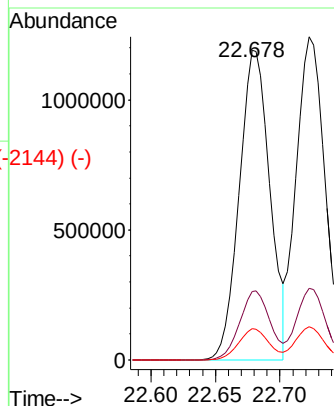
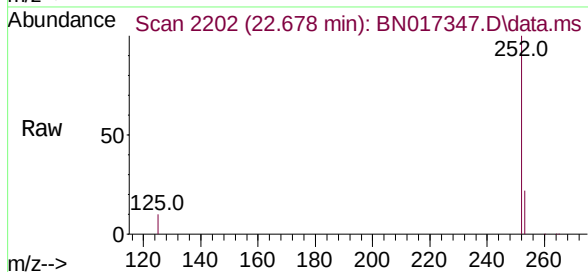
Tgt Ion:252 Resp: 1971691

Ion Ratio Lower Upper

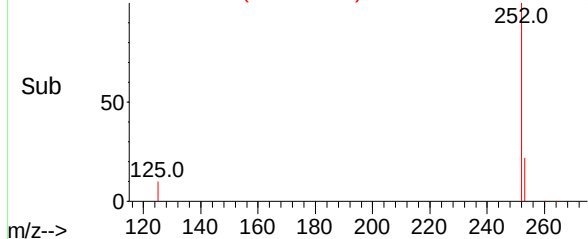
252 100

253 22.1 17.7 26.5

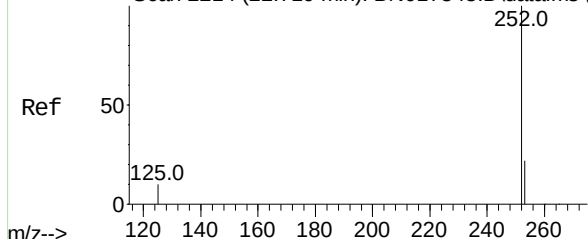
125 10.1 7.8 11.8



Abundance Scan 2202 (22.678 min): BN017347.D\data.ms (-2144) (-)



Abundance Scan 2214 (22.719 min): BN017343.D\data.ms (-2108) (-)



Benzo(k)fluoranthene

Concen: 4.663 ng

RT: 22.723 min Scan# 2215

Delta R.T. 0.004 min

Lab File: BN017347.D

Acq: 09 Nov 2021 13:29

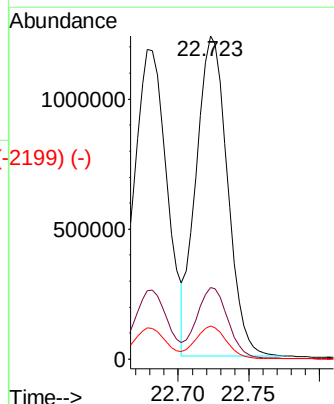
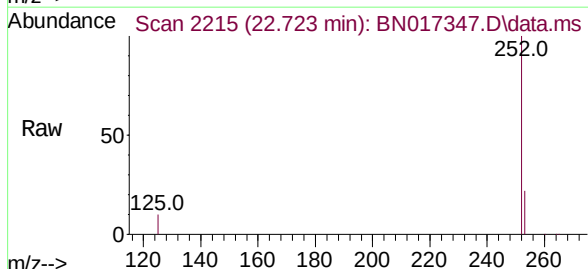
Tgt Ion:252 Resp: 1891923

Ion Ratio Lower Upper

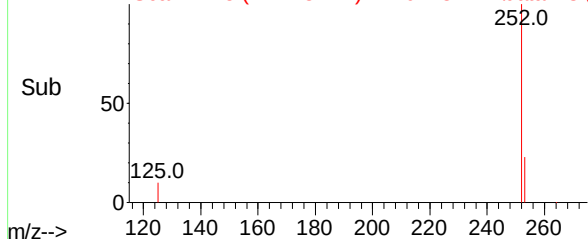
252 100

253 22.1 17.7 26.5

125 10.2 8.2 12.2



Abundance Scan 2215 (22.723 min): BN017347.D\data.ms (-2199) (-)



Abundance Scan 2365 (23.236 min): BN017343.D\data.ms (-2307) (-)

Benzo(a)pyrene

Concen: 4.892 ng

RT: 23.240 min Scan# 2365

Delta R.T. 0.004 min

Lab File: BN017347.D

Acq: 09 Nov 2021 13:29

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

Tgt Ion:252 Resp: 1805179

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

125 11.0 9.2 13.8

Abundance Scan 2366 (23.240 min): BN017347.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 2366 (23.240 min): BN017347.D\data.ms (-2307) (-)

Ref 50

125.0

252.0

Sub 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

23.240

800000

600000

400000

200000

0

Time-->

23.20 23.40

Abundance Scan 3045 (25.564 min): BN017343.D\data.ms (-3016) (-)

Dibenzo(a,h)anthracene

Concen: 4.697 ng

RT: 25.571 min Scan# 3047

Delta R.T. 0.007 min

Lab File: BN017347.D

Acq: 09 Nov 2021 13:29

Tgt Ion:278 Resp: 1699401

Ion Ratio Lower Upper

278 100

139 16.4 13.0 19.6

279 24.0 19.2 28.8

Abundance Scan 3047 (25.571 min): BN017347.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 3047 (25.571 min): BN017347.D\data.ms (-3016) (-)

Ref 50

138.0

278.0

Sub 50

138.0

278.0

m/z-->

140 160 180 200 220 240 260 280

Abundance

25.571

600000

400000

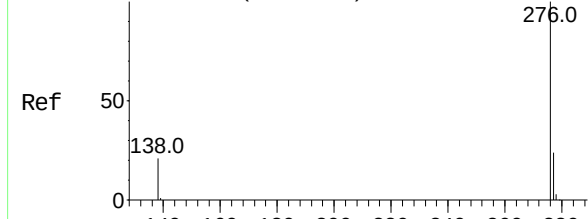
200000

0

Time-->

25.40 25.60

Abundance Scan 3235 (26.214 min): BN017343.D\data.ms (-3235) (-)



Benzo(g,h,i)perylene

Concen: 4.481 ng

RT: 26.221 min Scan# 3177

Delta R.T. 0.007 min

Lab File: BN017347.D

Acq: 09 Nov 2021 13:29

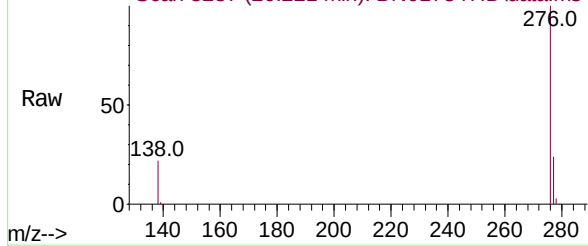
Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

Abundance Scan 3237 (26.221 min): BN017347.D\data.ms



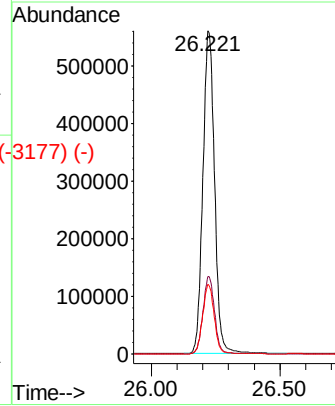
Tgt Ion:276 Resp: 1761772

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 21.5 17.1 25.7



Abundance Scan 3237 (26.221 min): BN017347.D\data.ms (-3177) (-)

