

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
 Data File : BN017346.D
 Acq On : 09 Nov 2021 12:52
 Operator : CG/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

Quant Time: Nov 09 13:21:13 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)

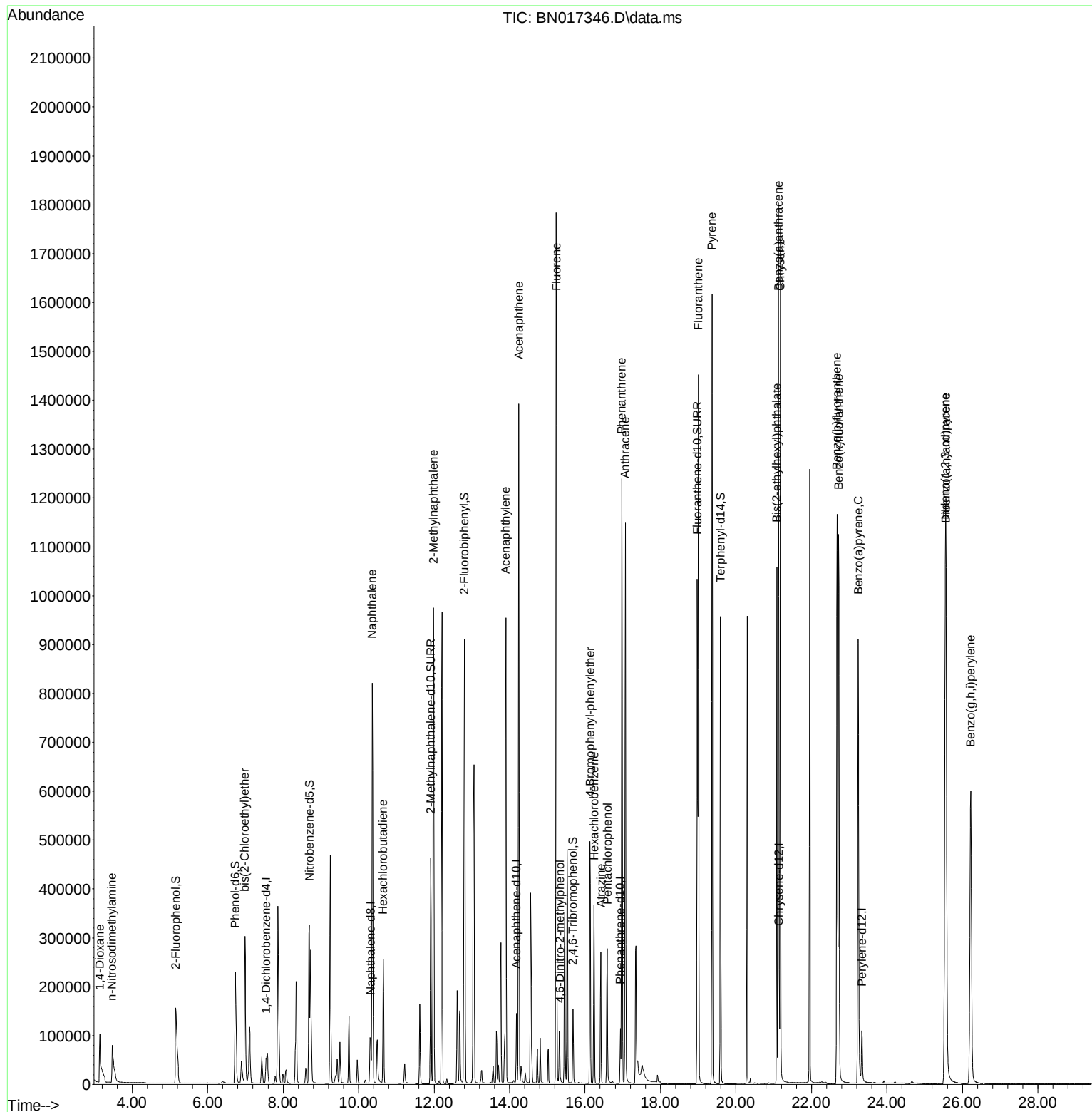
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	31266	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	136529	0.400	ng	0.00
13) Acenaphthene-d10	14.181	164	75293	0.400	ng	0.00
19) Phenanthrene-d10	16.934	188	140924	0.400	ng	0.00
29) Chrysene-d12	21.144	240	137417	0.400	ng	0.00
35) Perylene-d12	23.335	264	133460	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.164	112	236869	3.127	ng	0.00
5) Phenol-d6	6.731	99	271274	3.288	ng	0.00
8) Nitrobenzene-d5	8.697	82	285034	3.401	ng	0.01
11) 2-Methylnaphthalene-d10	11.911	152	615521	3.194	ng	0.00
14) 2,4,6-Tribromophenol	15.679	330	108226	4.136	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	873179	3.087	ng	0.00
27) Fluoranthene-d10	18.975	212	1121353	3.128	ng	0.00
31) Terphenyl-d14	19.591	244	976223	3.252	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.144	88	56556	2.542	ng	93
3) n-Nitrosodimethylamine	3.467	42	93617	3.181	ng	99
6) bis(2-Chloroethyl)ether	6.989	93	260259	3.058	ng	97
9) Naphthalene	10.357	128	1100367	2.993	ng	100
10) Hexachlorobutadiene	10.649	225	211286	3.155	ng	# 100
12) 2-Methylnaphthalene	11.987	142	704187	3.110	ng	99
16) Acenaphthylene	13.902	152	1066570	3.449	ng	100
17) Acenaphthene	14.245	154	655567	3.165	ng	98
18) Fluorene	15.235	166	799718	3.260	ng	99
20) 4,6-Dinitro-2-methylph...	15.336	198	77963	5.243	ng	# 81
21) 4-Bromophenyl-phenylether	16.131	248	264747	3.350	ng	99
22) Hexachlorobenzene	16.240	284	272790	3.216	ng	100
23) Atrazine	16.423	200	208894	3.902	ng	100
24) Pentachlorophenol	16.593	266	131386	4.922	ng	99
25) Phenanthrene	16.970	178	1251162	3.168	ng	100
26) Anthracene	17.068	178	1161052	3.414	ng	100
28) Fluoranthene	19.005	202	1278596	2.955	ng	99
30) Pyrene	19.367	202	1411264	3.211	ng	100
32) Benzo(a)anthracene	21.123	228	1429891	3.350	ng	99
33) Chrysene	21.176	228	1343115	3.085	ng	99
34) Bis(2-ethylhexyl)phtha...	21.080	149	786457	3.825	ng	98
36) Indeno(1,2,3-cd)pyrene	25.547	276	1452457	3.087	ng	99
37) Benzo(b)fluoranthene	22.678	252	1389582	3.237	ng	100
38) Benzo(k)fluoranthene	22.719	252	1361949	3.196	ng	100
39) Benzo(a)pyrene	23.240	252	1279740	3.302	ng	99
40) Dibenzo(a,h)anthracene	25.567	278	1192901	3.139	ng	99
41) Benzo(g,h,i)perylene	26.221	276	1244706	3.014	ng	100

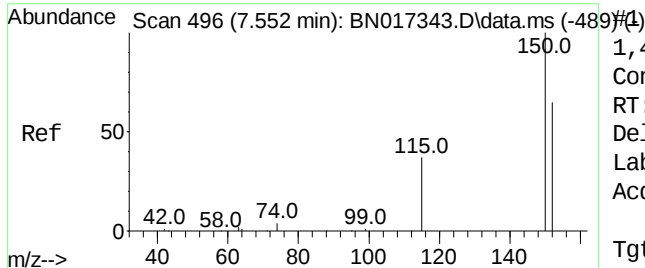
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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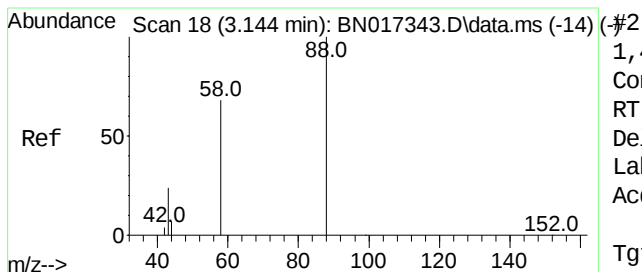
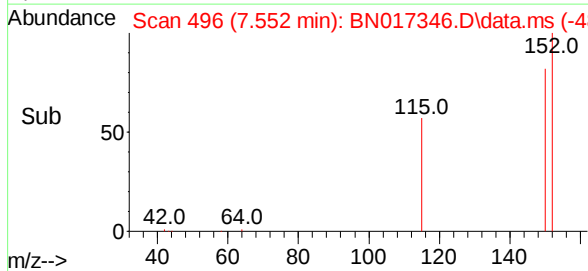
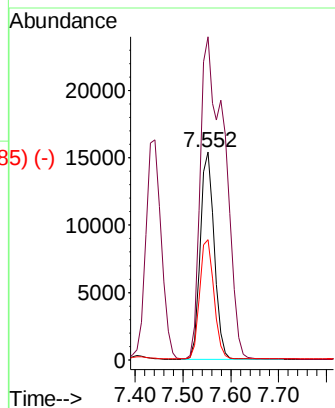
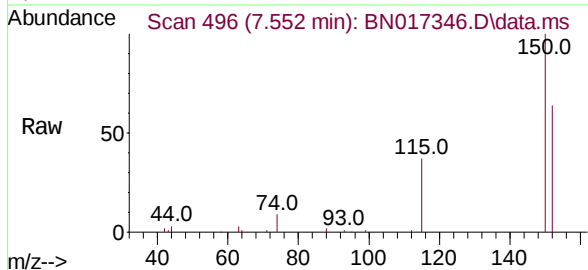




1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.552 min Scan# 4
 Delta R.T. -0.000 min
 Lab File: BN017346.D
 Acq: 09 Nov 2021 12:52

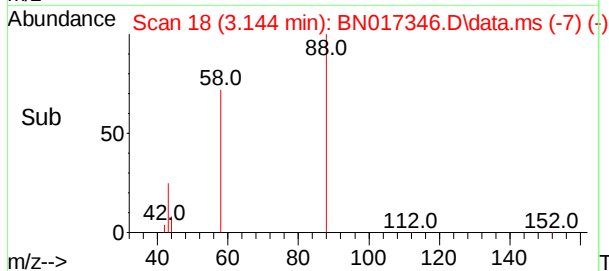
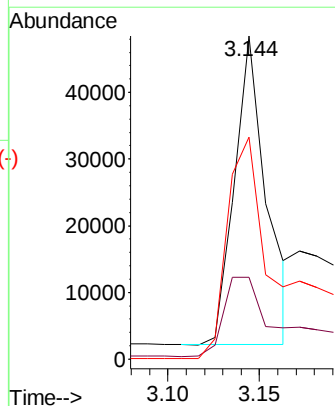
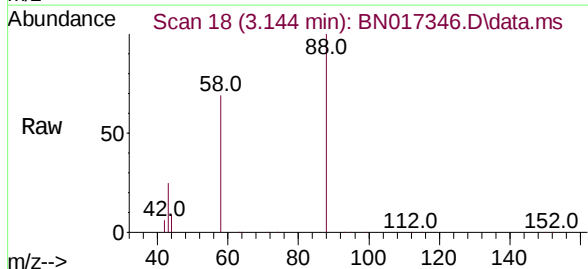
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

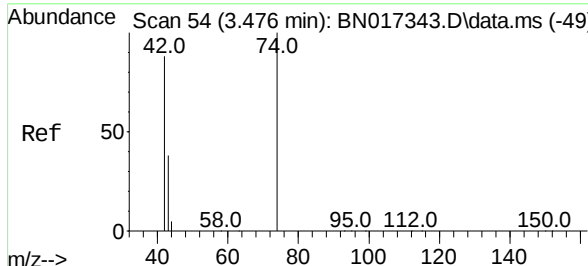
Tgt Ion:152 Resp: 31266
 Ion Ratio Lower Upper
 152 100
 150 155.2 123.0 184.4
 115 57.7 45.6 68.4



1,4-Dioxane
 Concen: 2.542 ng
 RT: 3.144 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: BN017346.D
 Acq: 09 Nov 2021 12:52

Tgt Ion: 88 Resp: 56556
 Ion Ratio Lower Upper
 88 100
 43 33.4 24.7 37.1
 58 85.3 63.0 94.6

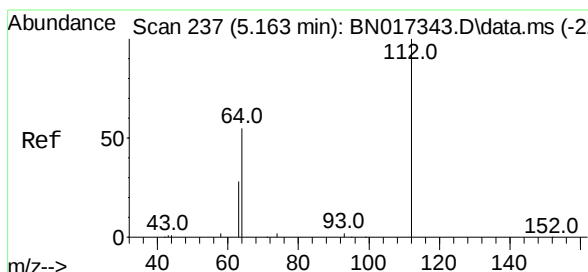
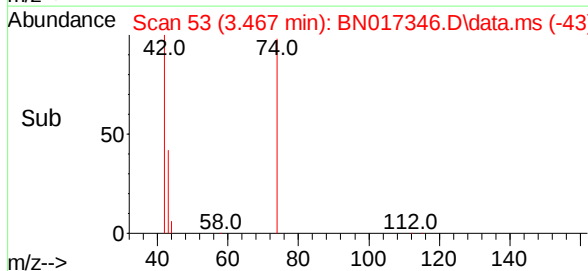
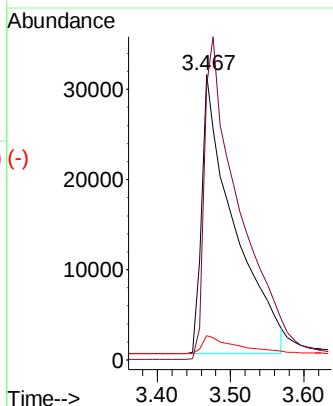
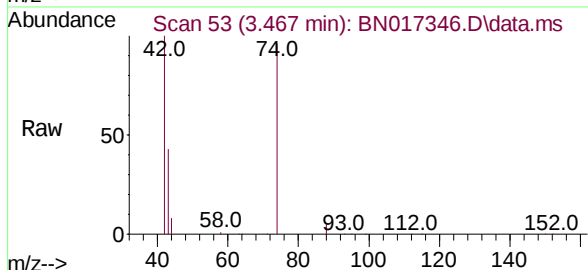




#3
 n-Nitrosodimethylamine
 Concen: 3.181 ng
 RT: 3.467 min Scan# 1
 Delta R.T. -0.009 min
 Lab File: BN017346.D
 Acq: 09 Nov 2021 12:52

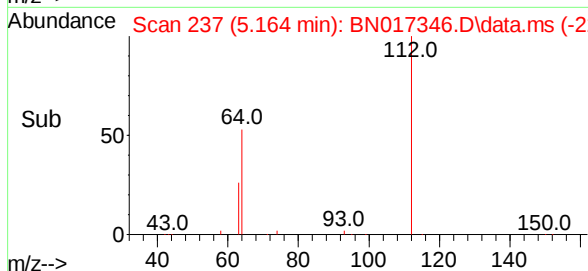
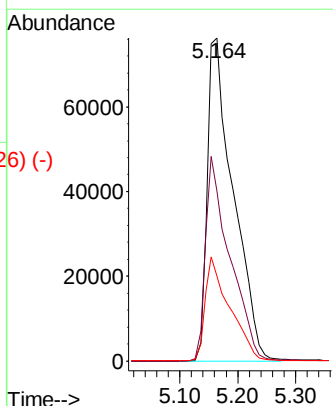
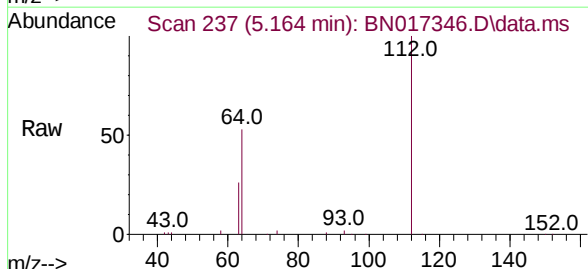
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

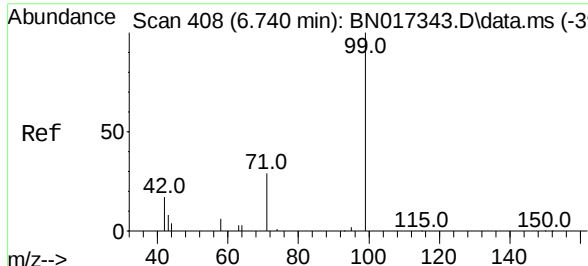
Tgt Ion:	42	Resp:	93617
Ion	Ratio	Lower	Upper
42	100		
74	123.1	97.8	146.6
44	6.5	5.5	8.3



#4
 2-Fluorophenol
 Concen: 3.127 ng
 RT: 5.164 min Scan# 237
 Delta R.T. 0.000 min
 Lab File: BN017346.D
 Acq: 09 Nov 2021 12:52

Tgt Ion:	112	Resp:	236869
Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.6	71.4
63	30.3	24.6	37.0

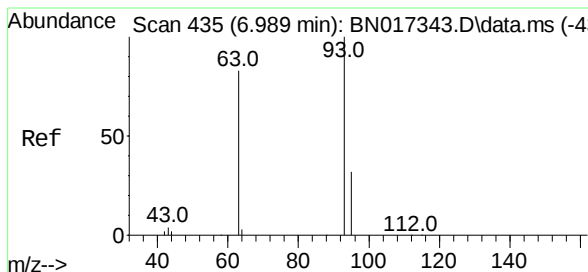
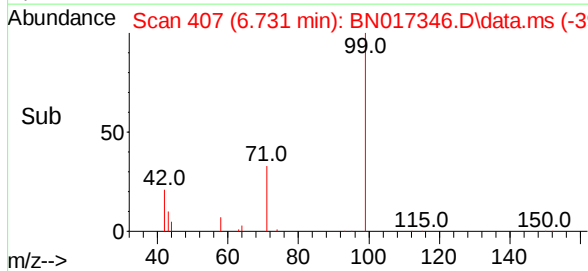
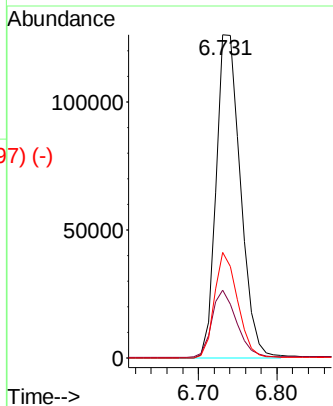
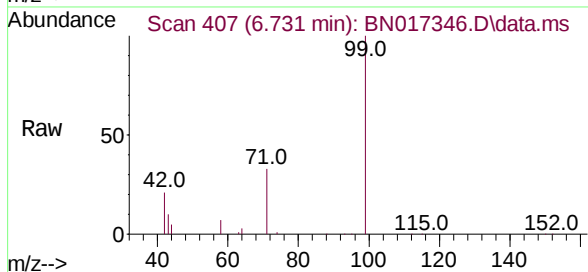




Phenol-d6
 Concen: 3.288 ng
 RT: 6.731 min Scan# 408
 Delta R.T. -0.009 min
 Lab File: BN017346.D
 Acq: 09 Nov 2021 12:52

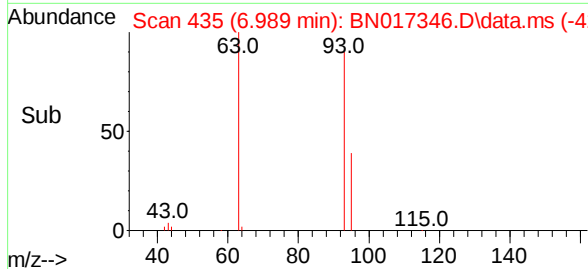
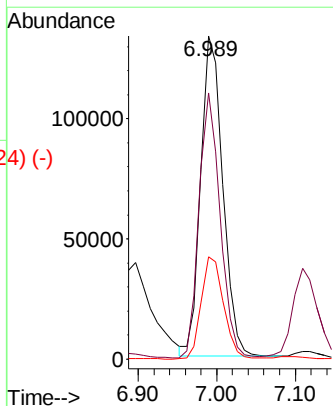
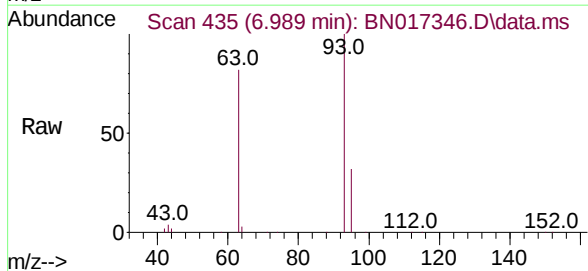
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

Tgt Ion:	99	Resp:	271274
Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.0	25.6
71	30.9	24.8	37.2

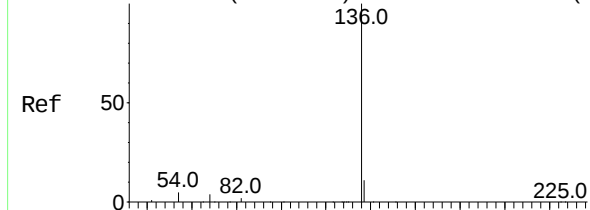


bis(2-Chloroethyl)ether
 Concen: 3.058 ng
 RT: 6.989 min Scan# 435
 Delta R.T. 0.000 min
 Lab File: BN017346.D
 Acq: 09 Nov 2021 12:52

Tgt Ion:	93	Resp:	260259
Ion	Ratio	Lower	Upper
93	100		
63	79.1	65.8	98.6
95	32.1	26.6	39.8



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



Naphthalene-d8

Concen: 0.400 ng

RT: 10.319 min Scan#

Delta R.T. 0.000 min

Lab File: BN017346.D

Acq: 09 Nov 2021 12:52

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

Tgt Ion:136 Resp: 136529

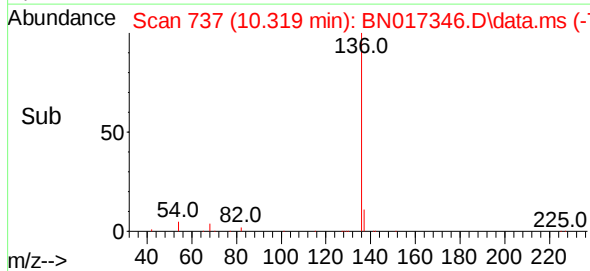
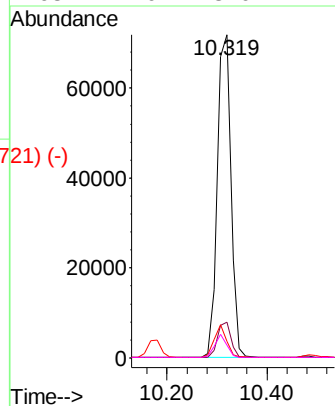
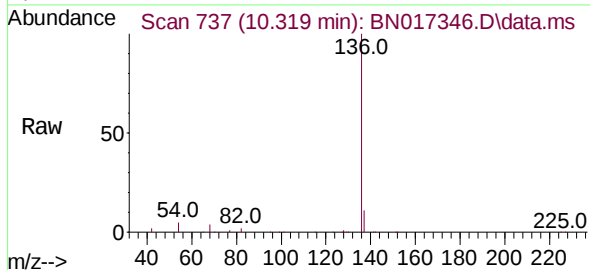
Ion Ratio Lower Upper

136 100

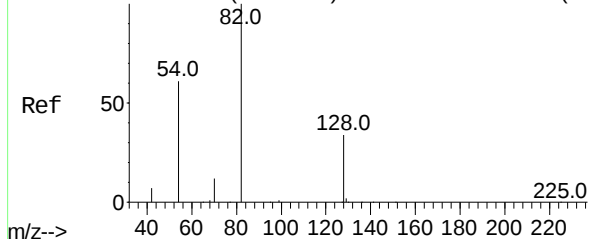
137 11.0 8.8 13.2

54 5.2 4.0 6.0

68 4.0 3.0 4.6



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



Nitrobenzene-d5

Concen: 3.401 ng

RT: 8.697 min Scan# 609

Delta R.T. 0.013 min

Lab File: BN017346.D

Acq: 09 Nov 2021 12:52

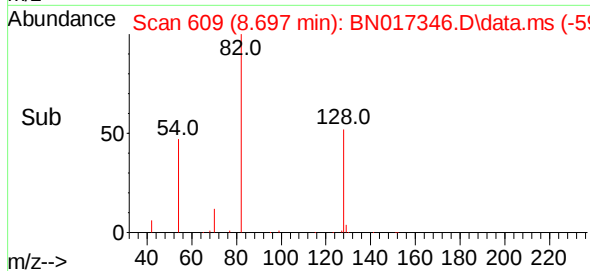
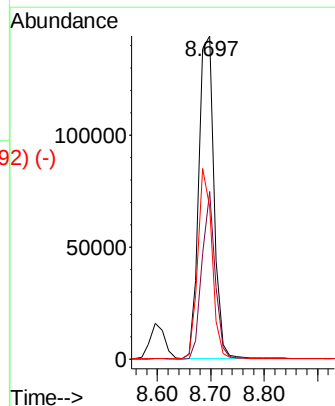
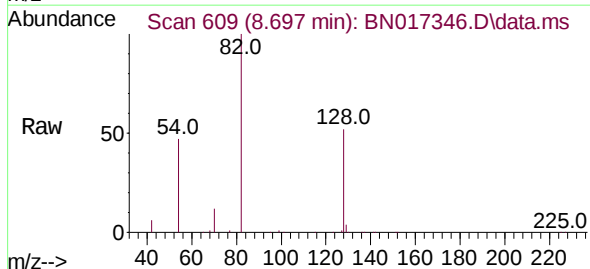
Tgt Ion: 82 Resp: 285034

Ion Ratio Lower Upper

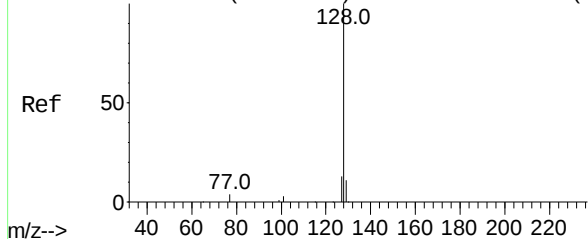
82 100

128 51.8 27.7 41.5#

54 47.1 49.2 73.8#



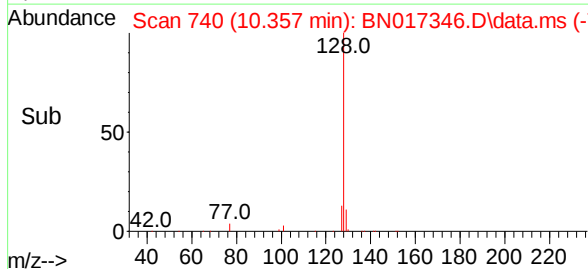
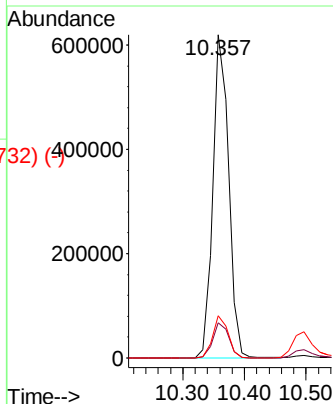
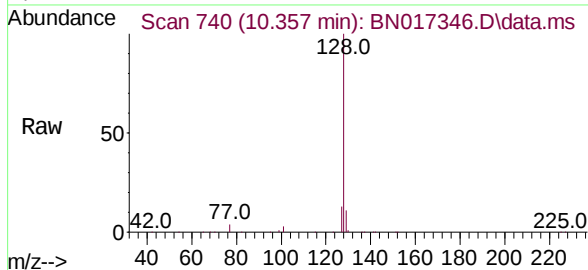
Abundance Scan 740 (10.357 min): BN017343.D\data.ms (-735) (-)



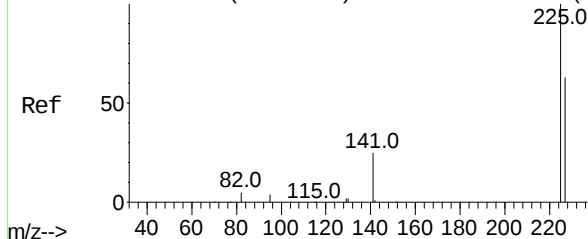
Naphthalene
Concen: 2.993 ng
RT: 10.357 min Scan# 740
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

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Tgt Ion:	128	Resp:	1100367
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.1	10.6	15.8

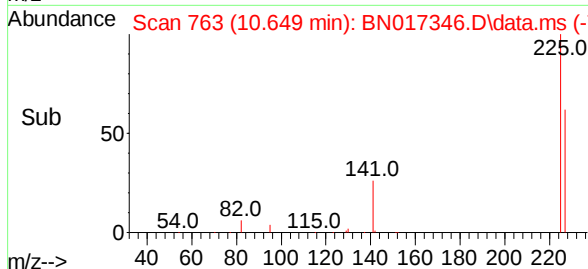
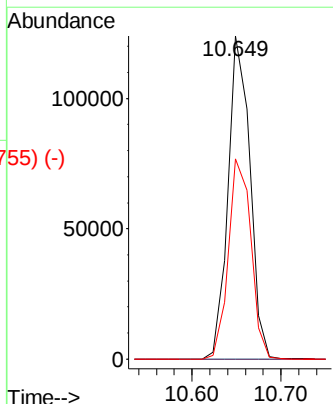
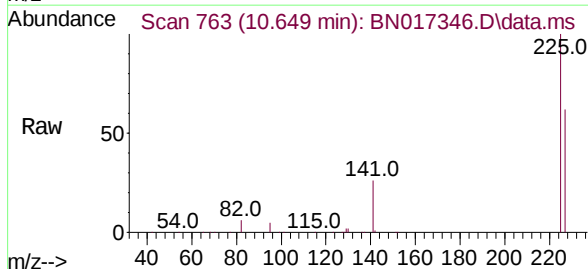


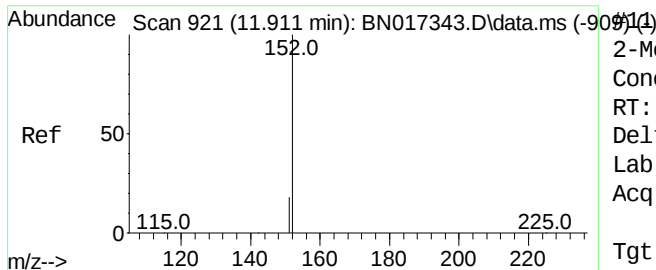
Abundance Scan 763 (10.649 min): BN017343.D\data.ms (-755) (-)



Hexachlorobutadiene
Concen: 3.155 ng
RT: 10.649 min Scan# 763
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Tgt Ion:	225	Resp:	211286
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.1	76.7

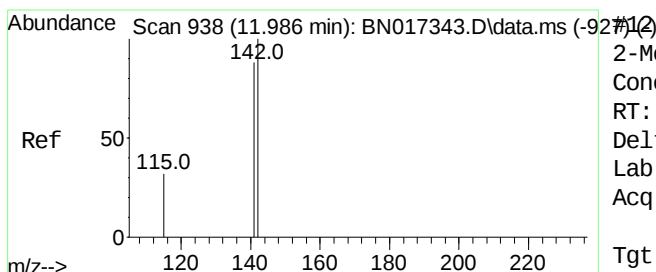
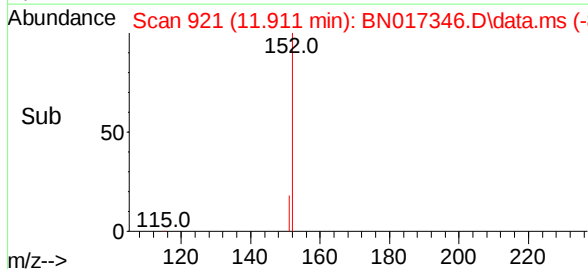
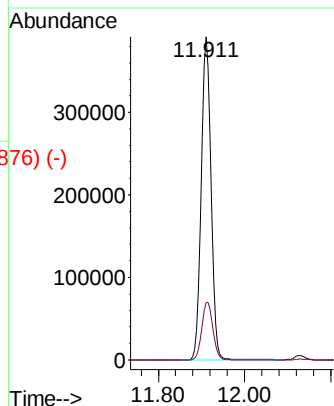
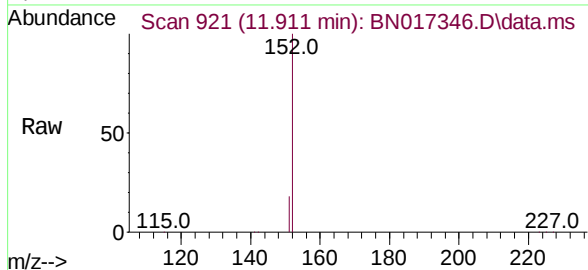




2-Methylnaphthalene-d10
 Concen: 3.194 ng
 RT: 11.911 min Scan# 921
 Delta R.T. 0.000 min
 Lab File: BN017346.D
 Acq: 09 Nov 2021 12:52

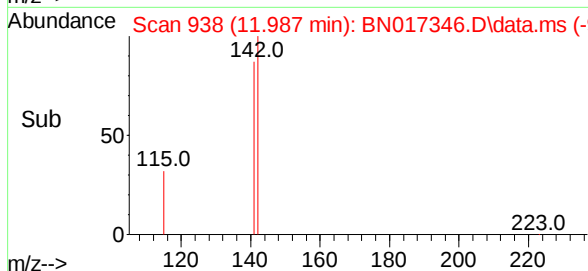
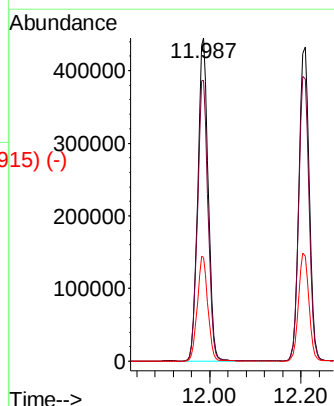
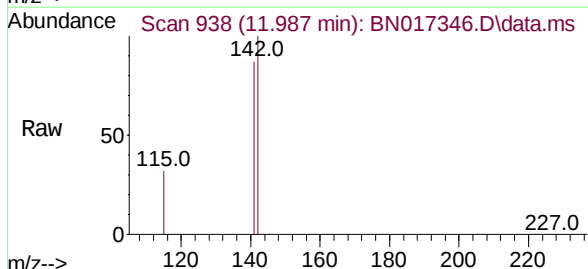
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

Tgt Ion:152 Resp: 615521
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.2 24.4



2-Methylnaphthalene
 Concen: 3.110 ng
 RT: 11.987 min Scan# 938
 Delta R.T. 0.000 min
 Lab File: BN017346.D
 Acq: 09 Nov 2021 12:52

Tgt Ion:142 Resp: 704187
 Ion Ratio Lower Upper
 142 100
 141 86.9 70.6 106.0
 115 32.1 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: BN017346.D

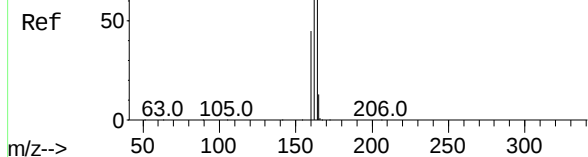
Acq: 09 Nov 2021 12:52

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2



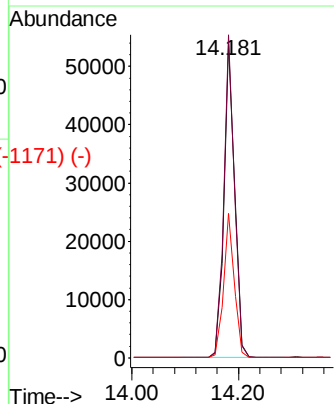
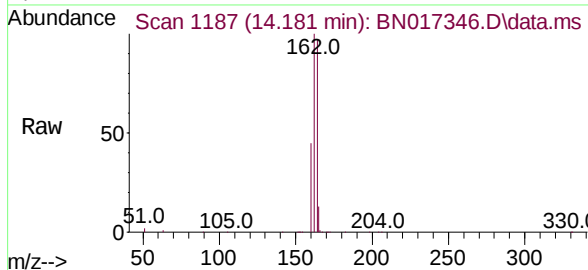
Tgt Ion:164 Resp: 75293

Ion Ratio Lower Upper

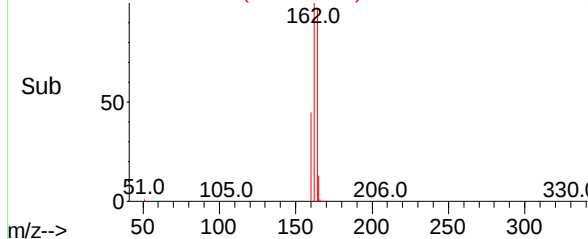
164 100

162 102.7 81.4 122.2

160 45.9 36.8 55.2



Abundance Scan 1187 (14.181 min): BN017346.D\data.ms (-1171) (-)



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

2,4,6-Tribromophenol

Concen: 4.136 ng

RT: 15.679 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BN017346.D

Acq: 09 Nov 2021 12:52

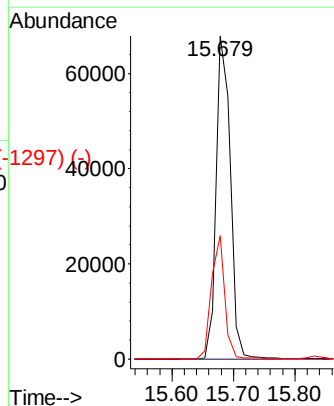
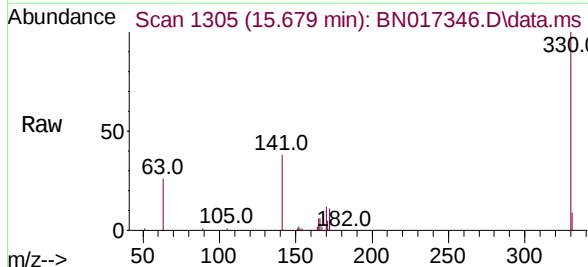
Tgt Ion:330 Resp: 108226

Ion Ratio Lower Upper

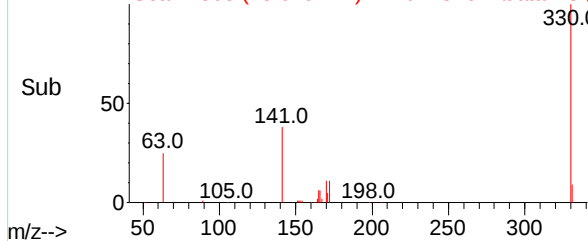
330 100

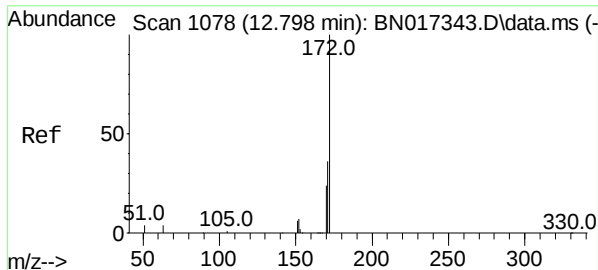
332 0.0 0.0 0.0

141 36.0 28.9 43.3



Abundance Scan 1305 (15.679 min): BN017346.D\data.ms (-1297) (-)

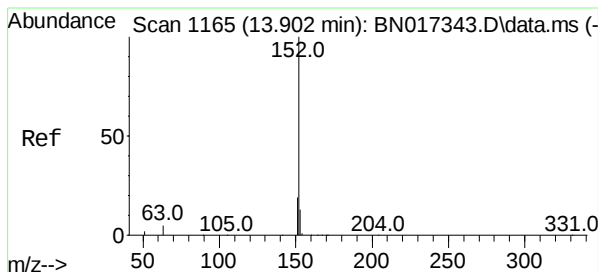
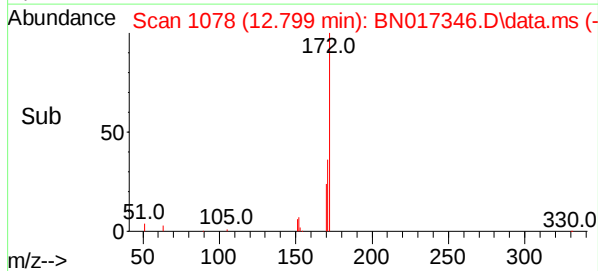
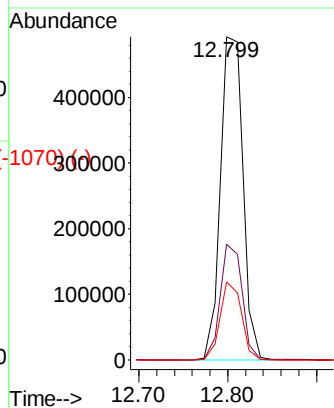
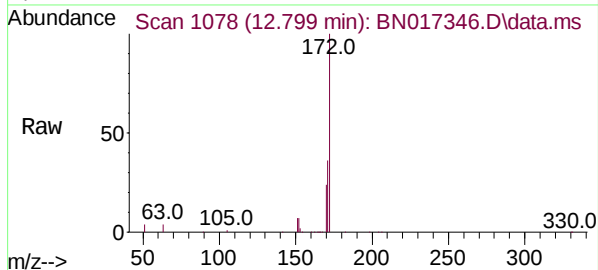




2-Fluorobiphenyl
Concen: 3.087 ng
RT: 12.799 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

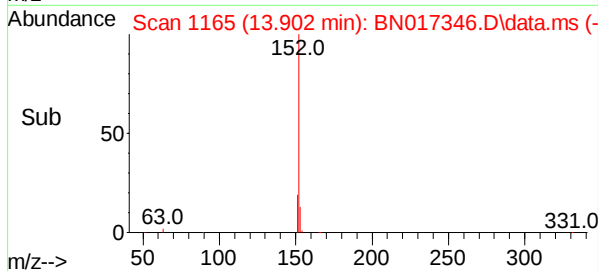
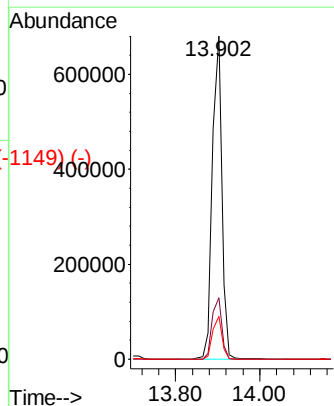
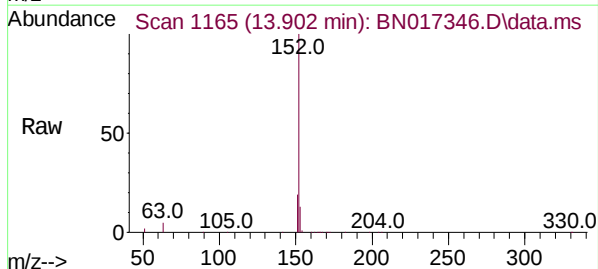
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:	172	Resp:	873179
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.7	43.1
170	24.2	19.4	29.2



Acenaphthylene
Concen: 3.449 ng
RT: 13.902 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Tgt Ion:	152	Resp:	1066570
Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.1	10.4	15.6



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

Acenaphthene

Concen: 3.165 ng

RT: 14.245 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BN017346.D

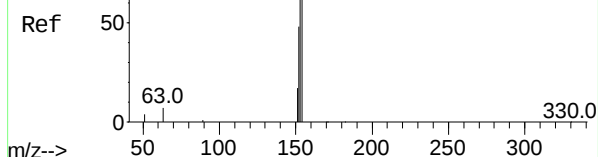
Acq: 09 Nov 2021 12:52

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2



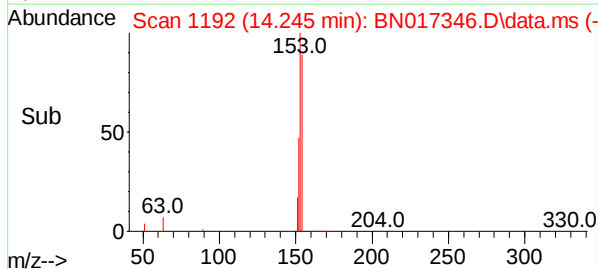
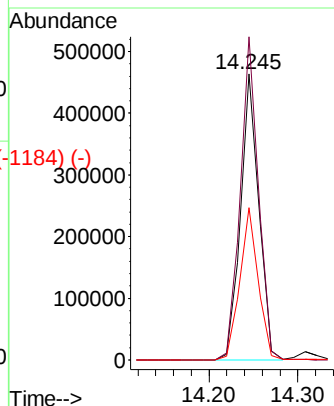
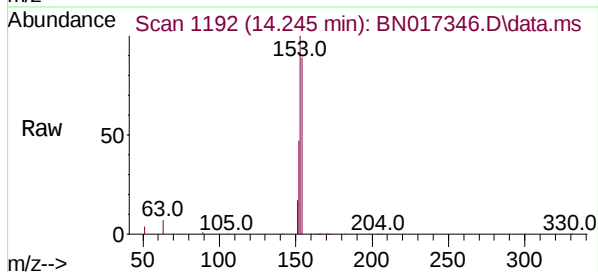
Tgt Ion:154 Resp: 655567

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

152 53.6 44.3 66.5



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

Fluorene

Concen: 3.260 ng

RT: 15.235 min Scan# 1270

Delta R.T. 0.000 min

Lab File: BN017346.D

Acq: 09 Nov 2021 12:52

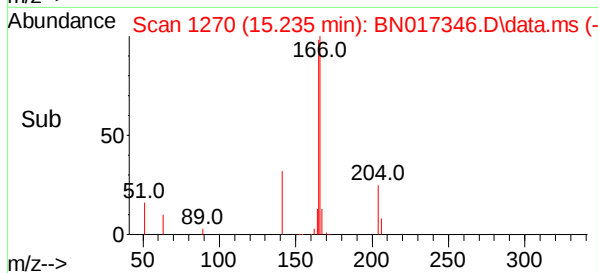
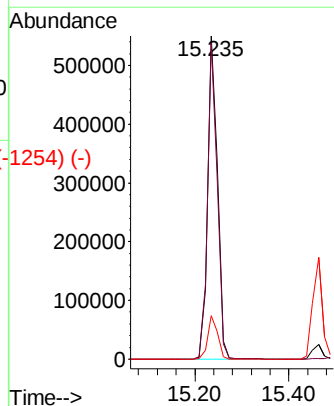
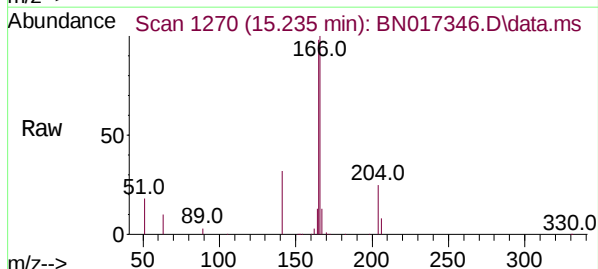
Tgt Ion:166 Resp: 799718

Ion Ratio Lower Upper

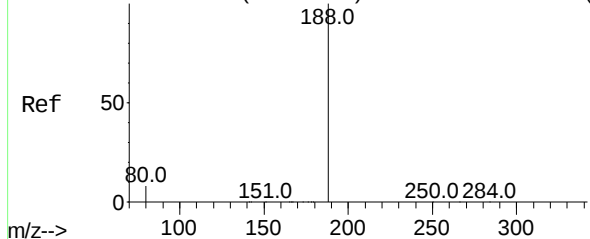
166 100

165 96.6 77.9 116.9

167 13.5 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: BN017346.D

Acq: 09 Nov 2021 12:52

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

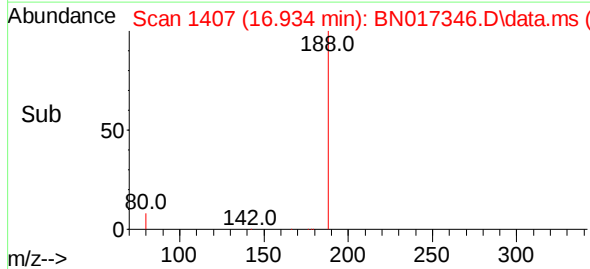
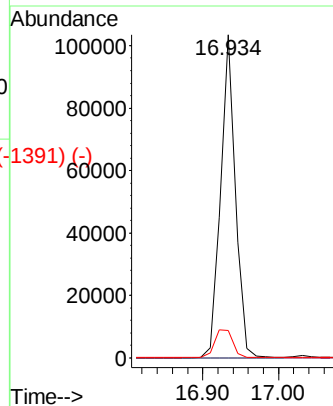
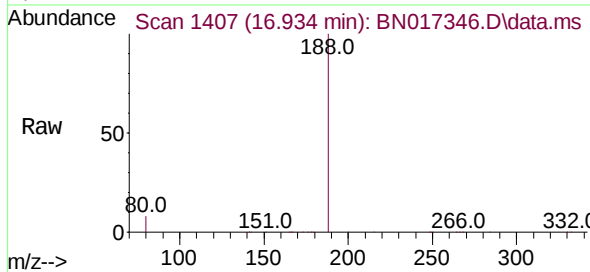
Tgt Ion:188 Resp: 140924

Ion Ratio Lower Upper

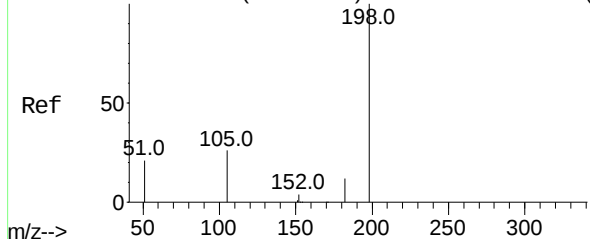
188 100

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: 5.243 ng

RT: 15.336 min Scan# 1278

Delta R.T. 0.000 min

Lab File: BN017346.D

Acq: 09 Nov 2021 12:52

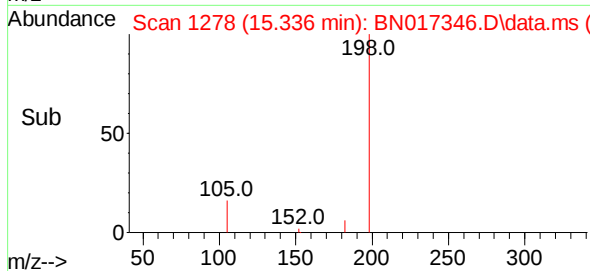
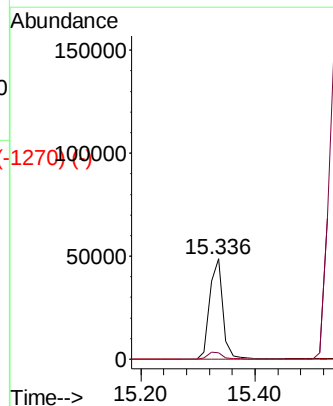
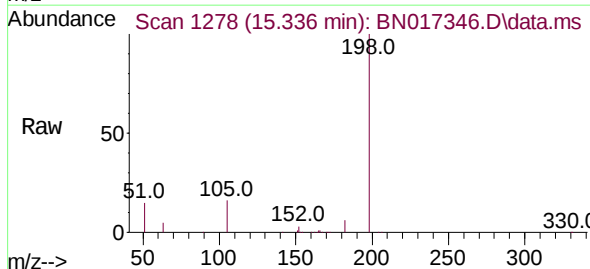
Tgt Ion:198 Resp: 77963

Ion Ratio Lower Upper

198 100

182 6.4 11.4 17.2#

77 0.0 0.0 0.0



Abundance Scan 1341 (16.131 min): BN017343.D\data.ms (-1324) (-)

4-Bromophenyl-phenylether

Concen: 3.350 ng

RT: 16.131 min Scan# 1341

Delta R.T. 0.000 min

Lab File: BN017346.D

Acq: 09 Nov 2021 12:52

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

Tgt Ion:248 Resp: 264747

Ion Ratio Lower Upper

248 100

250 89.2 71.8 107.8

141 89.8 70.9 106.3

Abundance Scan 1341 (16.131 min): BN017346.D\data.ms

141.0 248.0

80.0 173.0 215.0 284.0 332.0

m/z-->

Ref

50

0

100 150 200 250 300

Abundance

Scan 1341 (16.131 min): BN017346.D\data.ms (-1333) (-)

141.0 248.0

80.0 173.0 215.0 284.0

m/z-->

Sub

50

0

100 150 200 250 300

Abundance

Scan 1341 (16.131 min): BN017346.D\data.ms (-1333) (-)

141.0 248.0

80.0 173.0 215.0 284.0

m/z-->

Ref

50

0

100 150 200 250 300

Abundance

Scan 1341 (16.131 min): BN017346.D\data.ms (-1333) (-)

141.0 248.0

80.0 173.0 215.0 284.0

m/z-->

Sub

50

0

100 150 200 250 300

Abundance

Scan 1341 (16.131 min): BN017346.D\data.ms (-1333) (-)

141.0 248.0

80.0 173.0 215.0 284.0

m/z-->

Ref

50

0

100 150 200 250 300

Abundance

Scan 1341 (16.131 min): BN017346.D\data.ms (-1333) (-)

141.0 248.0

80.0 173.0 215.0 284.0

m/z-->

Sub

50

0

100 150 200 250 300

Abundance

Scan 1341 (16.131 min): BN017346.D\data.ms (-1333) (-)

141.0 248.0

80.0 173.0 215.0 284.0

m/z-->

Ref

50

0

100 150 200 250 300

Abundance

Scan 1341 (16.131 min): BN017346.D\data.ms (-1333) (-)

141.0 248.0

80.0 173.0 215.0 284.0

m/z-->

Abundance

16.131

150000

100000

50000

0

16.10 16.20

Time-->

Abundance Scan 1350 (16.240 min): BN017343.D\data.ms (-1324) (-)

Hexachlorobenzene

Concen: 3.216 ng

RT: 16.240 min Scan# 1350

Delta R.T. 0.000 min

Lab File: BN017346.D

Acq: 09 Nov 2021 12:52

Tgt Ion:284 Resp: 272790

Ion Ratio Lower Upper

284 100

142 35.5 28.2 42.2

249 30.5 24.4 36.6

Abundance Scan 1350 (16.240 min): BN017346.D\data.ms

142.0 249.0 284.0

80.0 179.0 215.0 330.0

m/z-->

Ref

50

0

100 150 200 250 300

Abundance

Scan 1350 (16.240 min): BN017346.D\data.ms (-1342) (-)

142.0 249.0 284.0

80.0 179.0 215.0 330.0

m/z-->

Sub

50

0

100 150 200 250 300

Abundance

Scan 1350 (16.240 min): BN017346.D\data.ms (-1342) (-)

142.0 249.0 284.0

80.0 179.0 215.0 330.0

m/z-->

Ref

50

0

100 150 200 250 300

Abundance

Scan 1350 (16.240 min): BN017346.D\data.ms (-1342) (-)

142.0 249.0 284.0

80.0 179.0 215.0 330.0

m/z-->

Ref

50

0

100 150 200 250 300

Abundance

Abundance

16.240

150000

100000

50000

0

16.20 16.30

Time-->

Abundance Scan 1365 (16.423 min): BN017343.D\data.ms (-1324) (-)

Atrazine

Concen: 3.902 ng

RT: 16.423 min Scan# 1365

Delta R.T. 0.000 min

Lab File: BN017346.D

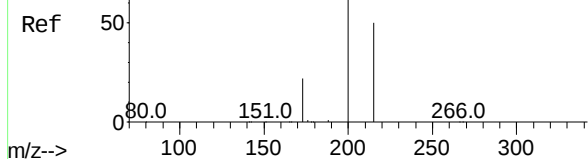
Acq: 09 Nov 2021 12:52

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2



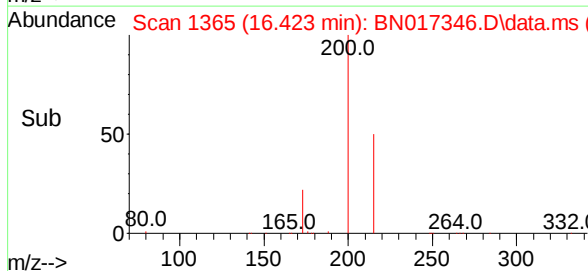
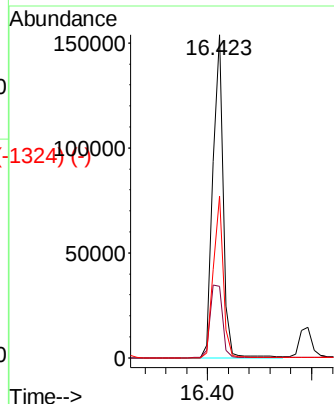
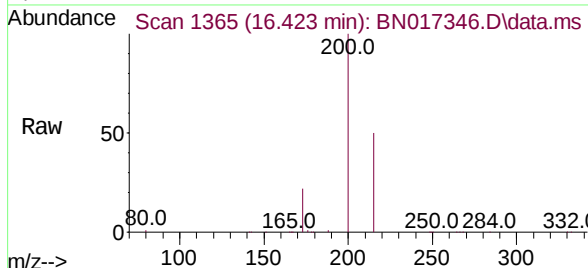
Tgt Ion:200 Resp: 208894

Ion Ratio Lower Upper

200 100

173 22.2 17.6 26.4

215 50.0 40.2 60.4



Abundance Scan 1379 (16.593 min): BN017343.D\data.ms (-1324) (-)

Pentachlorophenol

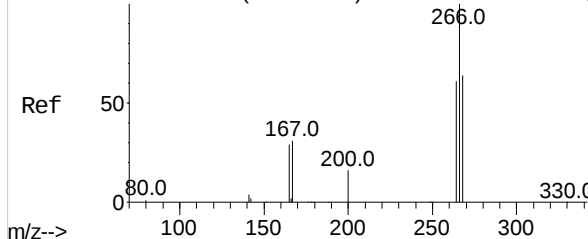
Concen: 4.922 ng

RT: 16.593 min Scan# 1379

Delta R.T. 0.000 min

Lab File: BN017346.D

Acq: 09 Nov 2021 12:52



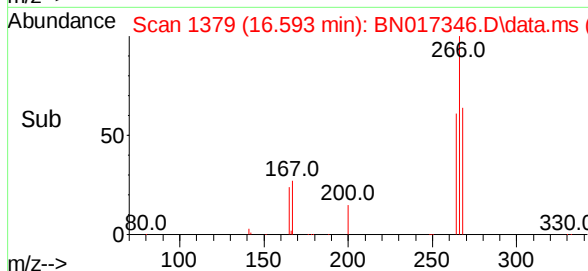
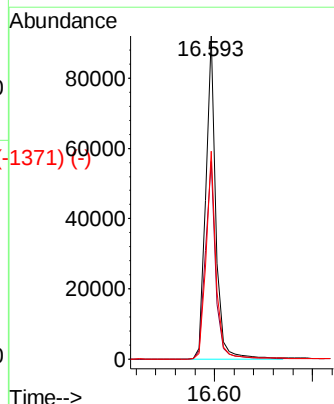
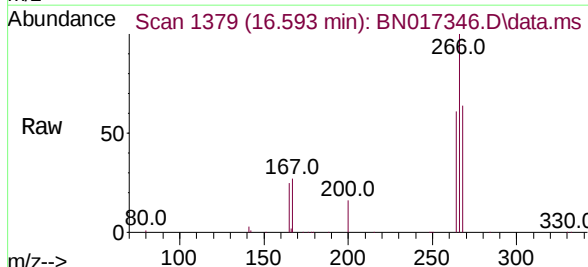
Tgt Ion:266 Resp: 131386

Ion Ratio Lower Upper

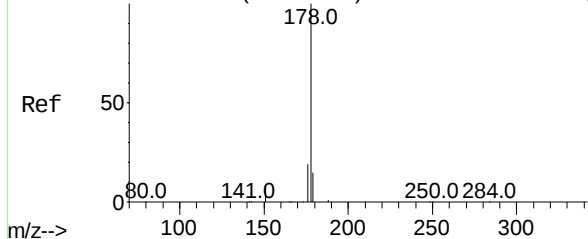
266 100

264 62.8 49.8 74.8

268 63.7 51.3 76.9



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



Phenanthrene

Concen: 3.168 ng

RT: 16.970 min Scan# 1410

Delta R.T. 0.000 min

Lab File: BN017346.D

Acq: 09 Nov 2021 12:52

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

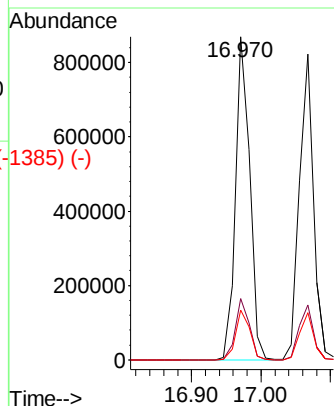
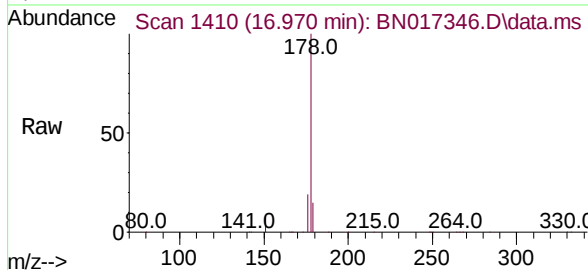
Tgt Ion:178 Resp: 1251162

Ion	Ratio	Lower	Upper
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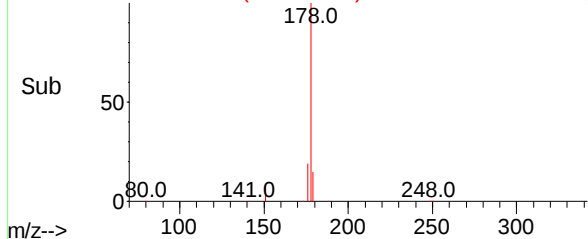
178	100		
-----	-----	--	--

176	18.7	15.0	22.6
-----	------	------	------

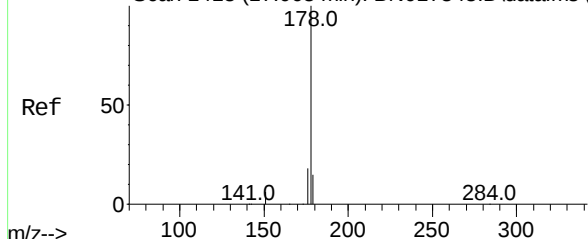
179	15.4	12.3	18.5
-----	------	------	------



Abundance Scan 1410 (16.970 min): BN017346.D\data.ms (-1385) (-)



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



Anthracene

Concen: 3.414 ng

RT: 17.068 min Scan# 1418

Delta R.T. 0.000 min

Lab File: BN017346.D

Acq: 09 Nov 2021 12:52

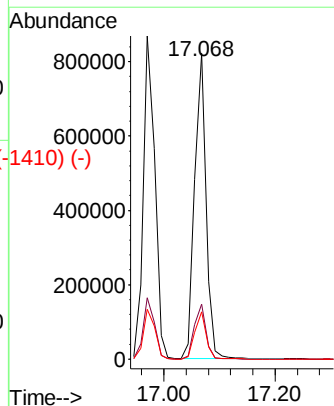
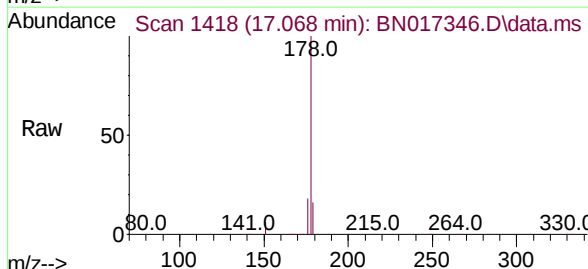
Tgt Ion:178 Resp: 1161052

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

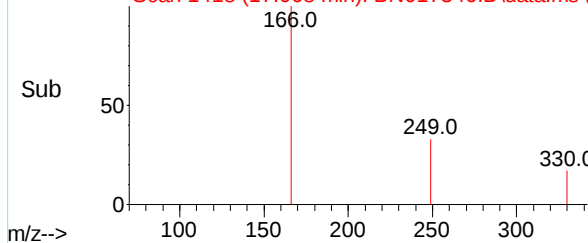
178	100		
-----	-----	--	--

176	18.2	14.6	22.0
-----	------	------	------

179	15.5	12.2	18.4
-----	------	------	------



Abundance Scan 1418 (17.068 min): BN017346.D\data.ms (-1410) (-)



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

Fluoranthene-d10

Concen: 3.128 ng

RT: 18.975 min Scan# 1689

Delta R.T. 0.000 min

Lab File: BN017346.D

Acq: 09 Nov 2021 12:52

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

Tgt Ion:212 Resp: 1121353

Ion Ratio Lower Upper

212 100

106 13.6 10.5 15.7

104 7.5 5.8 8.6

Abundance Scan 1689 (18.975 min): BN017346.D\data.ms

Ref 50

106.0 212.0 244.0

m/z-->

Raw 50

106.0 212.0 244.0

m/z-->

Abundance Scan 1689 (18.975 min): BN017346.D\data.ms (-1669) (-)

Sub 50

106.0 212.0 244.0

m/z-->

Abundance

800000 18.975

600000

400000

200000

0

Time-->

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

Fluoranthene

Concen: 2.955 ng

RT: 19.005 min Scan# 1695

Delta R.T. 0.000 min

Lab File: BN017346.D

Acq: 09 Nov 2021 12:52

Tgt Ion:202 Resp: 1278596

Ion Ratio Lower Upper

202 100

101 11.7 8.9 13.3

203 17.6 13.8 20.6

Abundance Scan 1695 (19.005 min): BN017346.D\data.ms

Ref 50

101.0 122.0 202.0 244.0

m/z-->

Raw 50

101.0 122.0 202.0 244.0

m/z-->

Abundance Scan 1695 (19.005 min): BN017346.D\data.ms (-165509) (-)

Sub 50

101.0 122.0 202.0 244.0

m/z-->

Abundance

800000 19.005

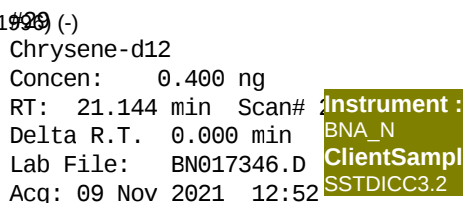
600000

400000

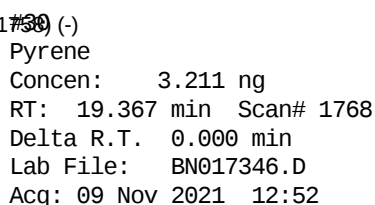
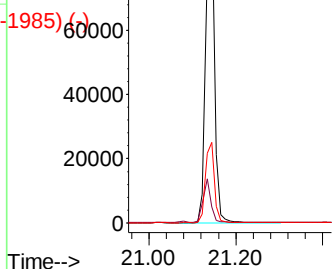
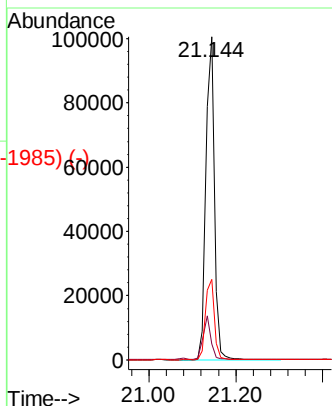
200000

0

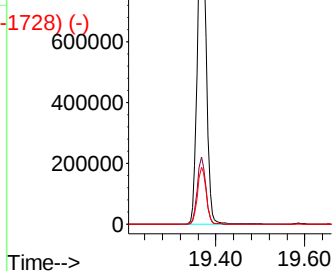
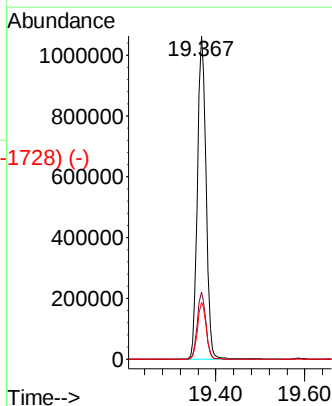
Time-->



Tgt	Ion:240	Resp:	137417
Ion	Ratio	Lower	Upper
240	100		
120	5.0	4.2	6.2
236	25.0	20.0	30.0



Tgt	Ion:202	Resp:	1411264
Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.7	14.0	21.0



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

Terphenyl-d14

Concen: 3.252 ng

RT: 19.591 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BN017346.D

Acq: 09 Nov 2021 12:52

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

Tgt Ion:244 Resp: 976223

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 10.8 8.6 13.0

Abundance Scan 1813 (19.591 min): BN017346.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): BN017346.D\data.ms (-1783) (-)

Sub 50

101.0 122.0 212.0 244.0

m/z-->

Abundance

19.591

600000

400000

200000

0

Time-->

19.60

Abundance Scan 2002 (21.123 min): BN017343.D\data.ms (-1983) (-)

Benzo(a)anthracene

Concen: 3.350 ng

RT: 21.123 min Scan# 2002

Delta R.T. 0.000 min

Lab File: BN017346.D

Acq: 09 Nov 2021 12:52

Tgt Ion:228 Resp: 1429891

Ion Ratio Lower Upper

228 100

226 27.0 21.3 31.9

229 19.8 15.7 23.5

Abundance Scan 2002 (21.123 min): BN017346.D\data.ms

Ref 50

91.0 120.0 149.0 200.0 228.0 254.0279.0

m/z-->

Raw 50

91.0 120.0 149.0 200.0 228.0 254.0279.0

m/z-->

Abundance Scan 2002 (21.123 min): BN017346.D\data.ms (-1983) (-)

Sub 50

91.0 120.0 149.0 200.0 228.0 254.0279.0

m/z-->

Abundance

21.123

1000000

800000

600000

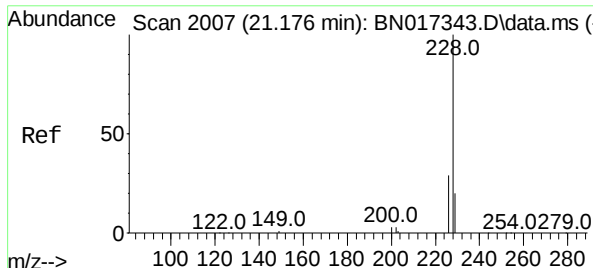
400000

200000

0

Time-->

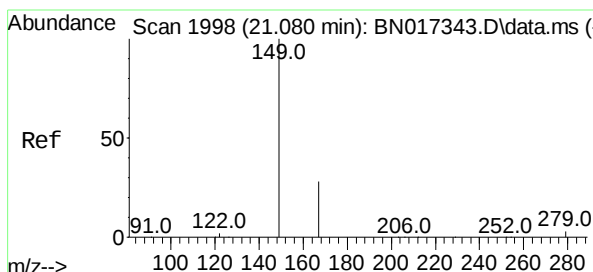
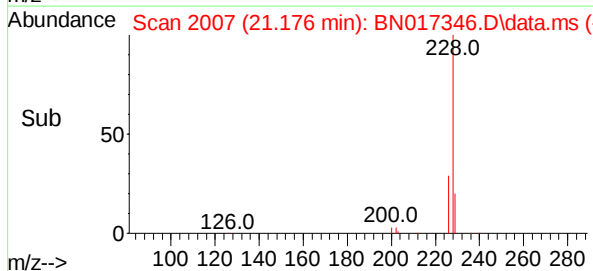
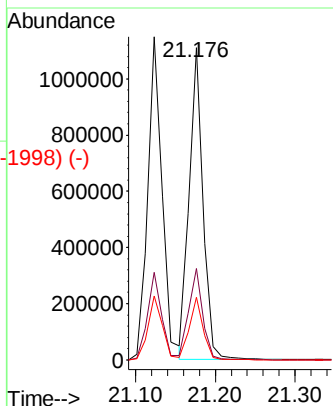
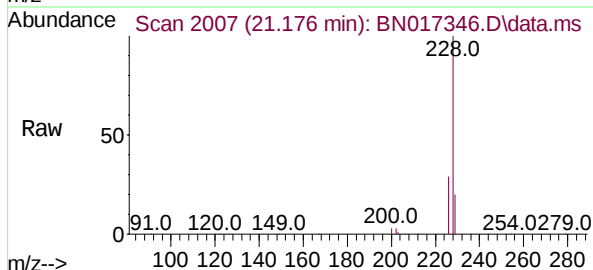
21.10



Scan 2007 (21.176 min): BN017343.D\data.ms (-1998) (-)
 Chrysene
 Concen: 3.085 ng
 RT: 21.176 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: BN017346.D
 Acq: 09 Nov 2021 12:52

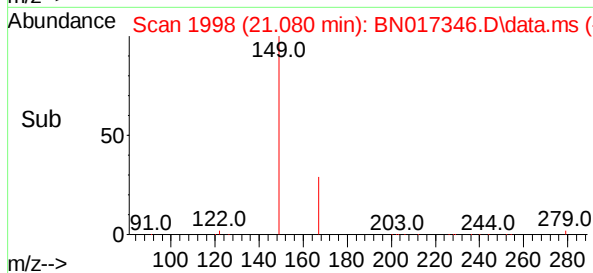
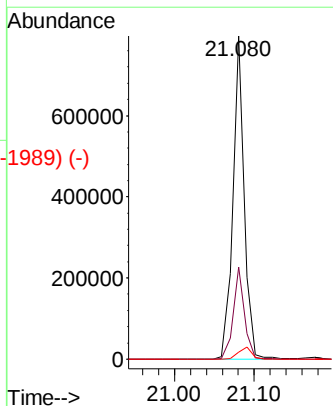
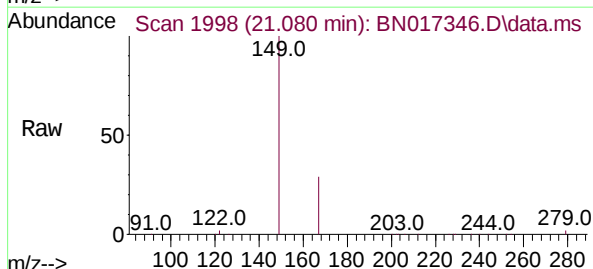
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

Tgt Ion:	228	Resp:	1343115
Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.3	34.9
229	20.0	15.6	23.4



Scan 1998 (21.080 min): BN017343.D\data.ms (-1998) (-)
 Bis(2-ethylhexyl)phthalate
 Concen: 3.825 ng
 RT: 21.080 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: BN017346.D
 Acq: 09 Nov 2021 12:52

Tgt Ion:	149	Resp:	786457
Ion	Ratio	Lower	Upper
149	100		
167	28.1	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# 1

Delta R.T. 0.000 min

Lab File: BN017346.D

Acq: 09 Nov 2021 12:52

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

Tgt Ion:264 Resp: 133460

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 22.8 18.6 28.0

Abundance Scan 2394 (23.335 min): BN017346.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): BN017346.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: 3.087 ng

RT: 25.547 min Scan# 3040

Delta R.T. 0.004 min

Lab File: BN017346.D

Acq: 09 Nov 2021 12:52

Tgt Ion:276 Resp: 1452457

Ion Ratio Lower Upper

276 100

138 24.9 19.7 29.5

277 25.2 20.0 30.0

Abundance Scan 3040 (25.547 min): BN017346.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): BN017346.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

400000

300000

200000

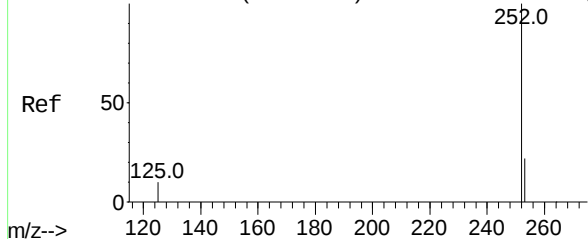
100000

0

Time-->

25.40 25.60

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



Benzo(b)fluoranthene

Concen: 3.237 ng

RT: 22.678 min Scan# 2202

Delta R.T. 0.000 min

Lab File: BN017346.D

Acq: 09 Nov 2021 12:52

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

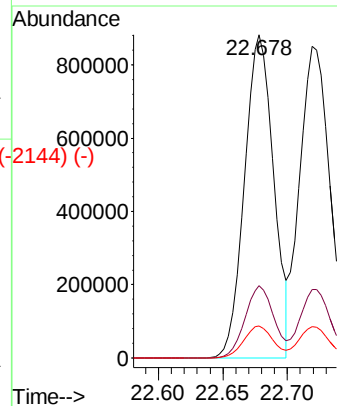
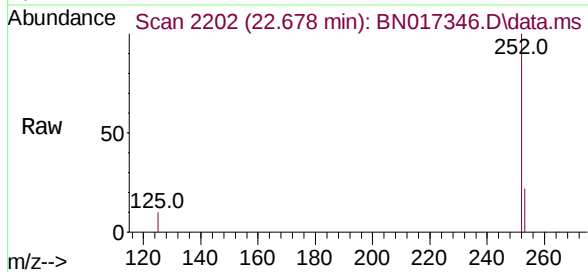
Tgt Ion:252 Resp: 1389582

Ion Ratio Lower Upper

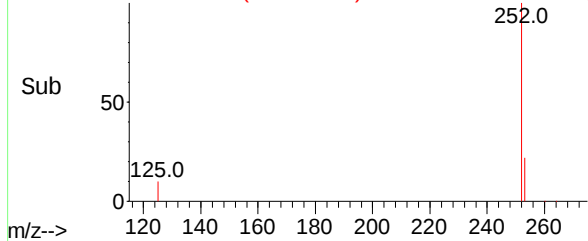
252 100

253 22.3 17.7 26.5

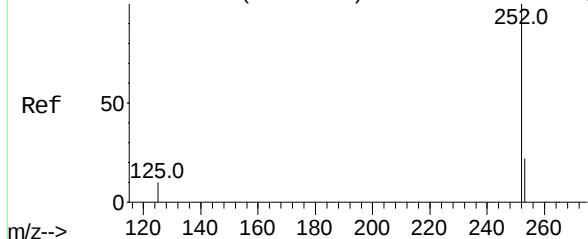
125 9.8 7.8 11.8



Abundance Scan 2202 (22.678 min): BN017346.D\data.ms (-2144) (-)



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



Benzo(k)fluoranthene

Concen: 3.196 ng

RT: 22.719 min Scan# 2214

Delta R.T. 0.000 min

Lab File: BN017346.D

Acq: 09 Nov 2021 12:52

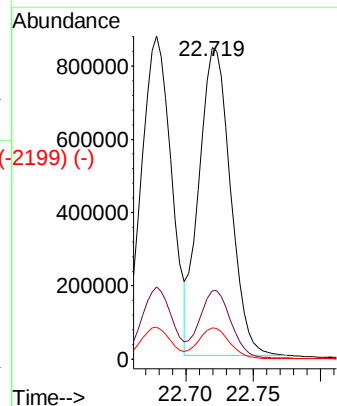
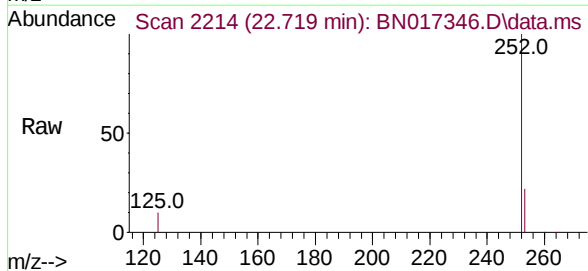
Tgt Ion:252 Resp: 1361949

Ion Ratio Lower Upper

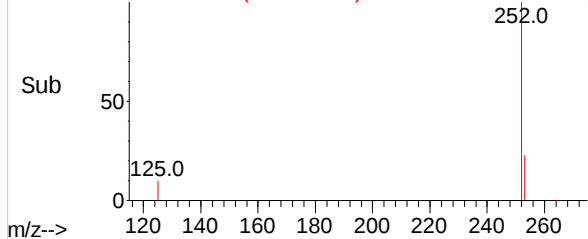
252 100

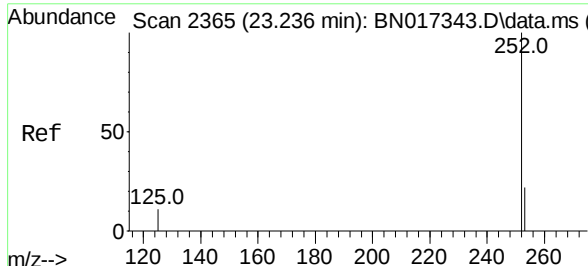
253 21.9 17.7 26.5

125 10.1 8.2 12.2



Abundance Scan 2214 (22.719 min): BN017346.D\data.ms (-2199) (-)



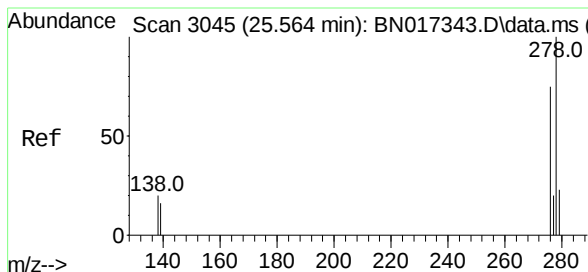
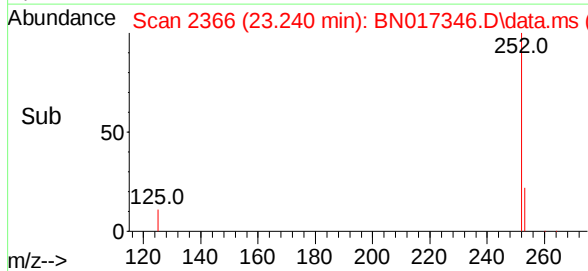
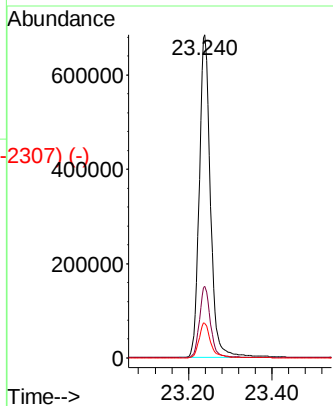
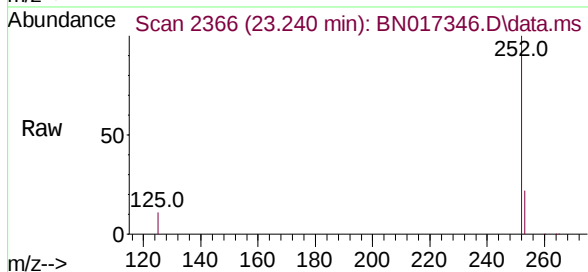


Benzo(a)pyrene
 Concen: 3.302 ng
 RT: 23.240 min Scan# 2365
 Delta R.T. 0.004 min
 Lab File: BN017346.D
 Acq: 09 Nov 2021 12:52

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

Tgt Ion:252 Resp: 1279740

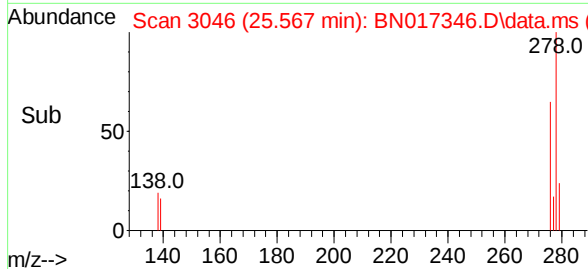
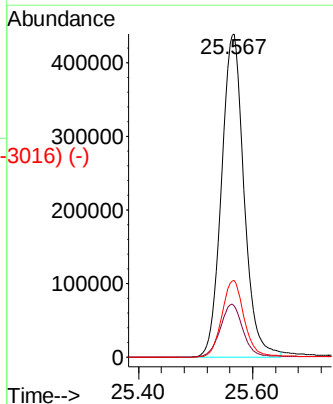
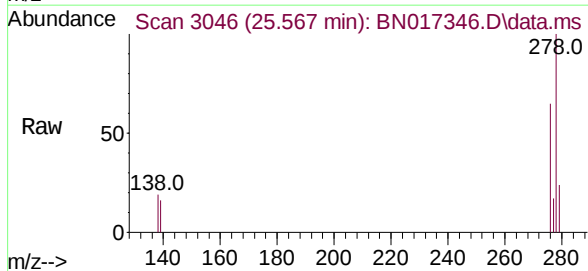
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	10.8	9.2	13.8



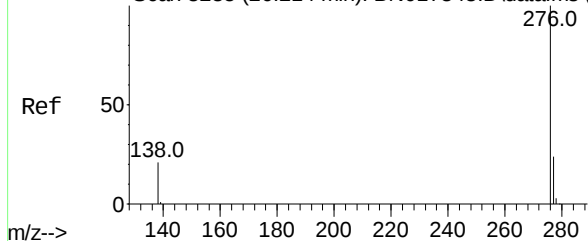
Dibenzo(a,h)anthracene
 Concen: 3.139 ng
 RT: 25.567 min Scan# 3046
 Delta R.T. 0.004 min
 Lab File: BN017346.D
 Acq: 09 Nov 2021 12:52

Tgt Ion:278 Resp: 1192901

Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.0	19.6
279	23.7	19.2	28.8



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



Benzo(g,h,i)perylene

Concen: 3.014 ng

RT: 26.221 min Scan# 3237

Delta R.T. 0.007 min

Lab File: BN017346.D

Acq: 09 Nov 2021 12:52

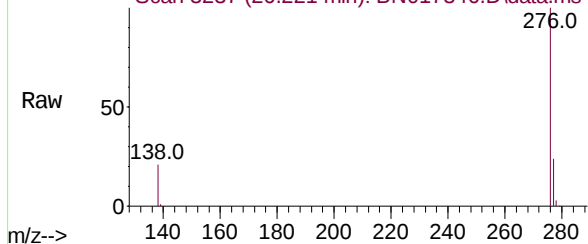
Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

Abundance Scan 3237 (26.221 min): BN017346.D\data.ms



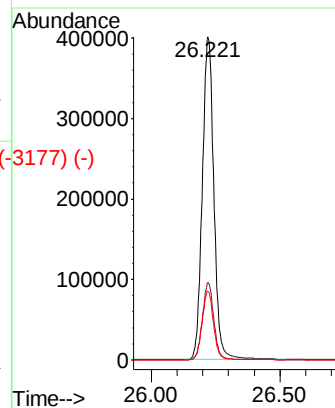
Tgt Ion:276 Resp: 1244706

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 21.3 17.1 25.7



Abundance Scan 3237 (26.221 min): BN017346.D\data.ms (-3177) (-)

