

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043020\
 Data File : BN010678.D
 Acq On : 30 Apr 2020 17:26
 Operator : CG/JU
 Sample : L2445-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 B-1511-B

Quant Time: May 05 06:13:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 11:18:31 2020
 Response via : Initial Calibration

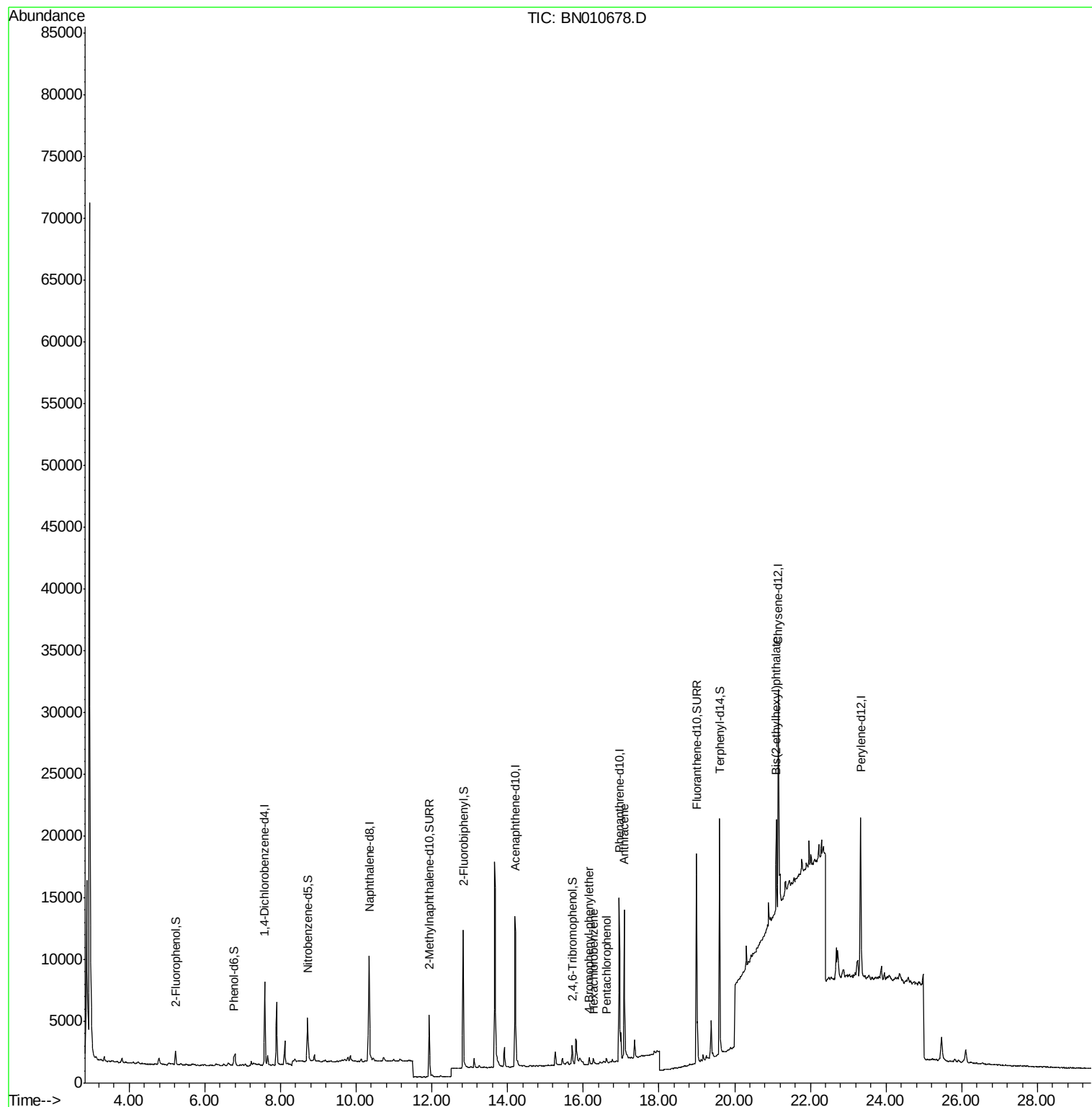
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	3366	0.40	ng	0.00
7) Naphthalene-d8	10.34	136	13833	0.40	ng	0.01
13) Acenaphthene-d10	14.20	164	8393	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	18788	0.40	ng	0.00
27) Chrysene-d12	21.16	240	17503	0.40	ng	0.00
34) Perylene-d12	23.33	264	16562	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	1170	0.16	ng	0.00
5) Phenol-d6	6.78	99	858	0.09	ng	0.00
8) Nitrobenzene-d5	8.72	82	3512	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.93	152	7545	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.70	330	1230	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	11915	0.39	ng	0.00
25) Fluoranthene-d10	18.99	212	20663	0.36	ng	0.00
29) Terphenyl-d14	19.60	244	20124	0.50	ng	0.00
Target Compounds						
20) 4-Bromophenyl-phenylether	16.15	248	300	0.029	ng	Qvalue # 69
21) Hexachlorobenzene	16.27	284	342	0.029	ng	96
22) Pentachlorophenol	16.62	266	207	0.044	ng	# 85
24) Anthracene	17.09	178	15836	0.341	ng	99
32) Bis(2-ethylhexyl)phthalate	21.10	149	6407	0.219	ng	98

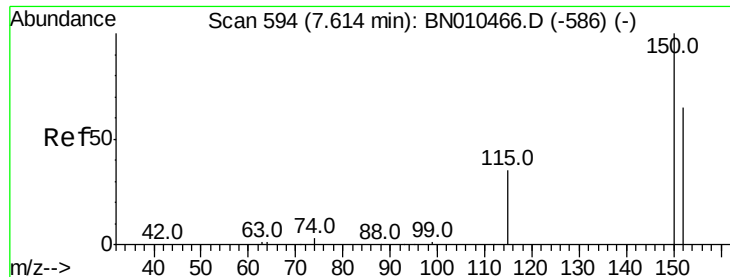
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.58 min Scan# 590

Delta R.T. 0.00 min

Lab File: BN010678.D

Acq: 30 Apr 2020 17:26

Instrument :

BNA_N

ClientSampleId :

B-1511-B

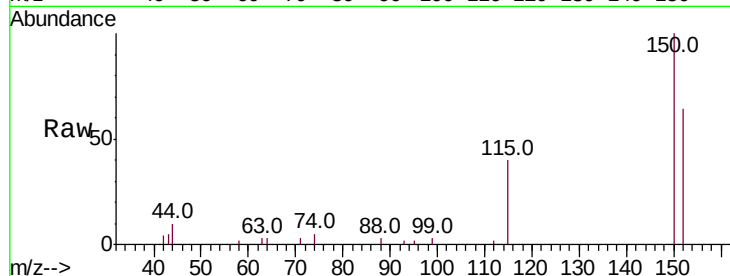
Tot Ion:152 Resp: 3366

Ion Ratio Lower Upper

152 100

150 155.5 121.8 182.6

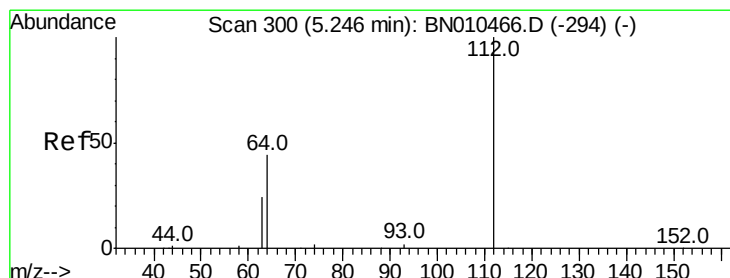
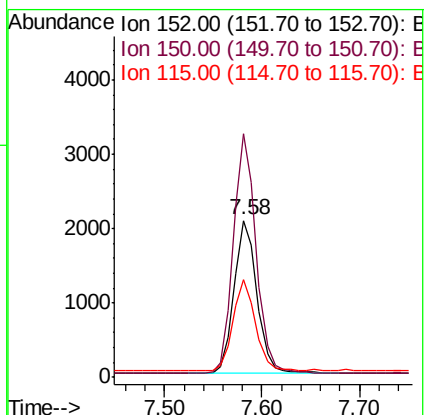
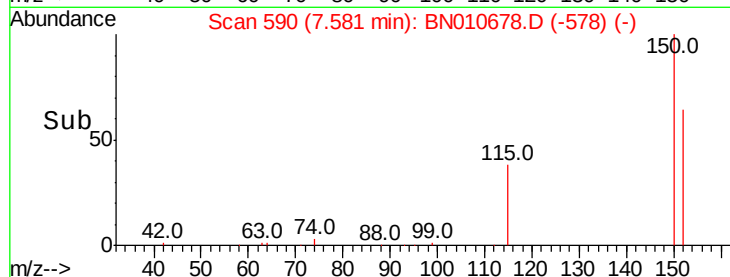
115 62.6 45.5 68.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol

Concen: 0.159 ng

RT: 5.23 min Scan# 298

Delta R.T. 0.00 min

Lab File: BN010678.D

Acq: 30 Apr 2020 17:26

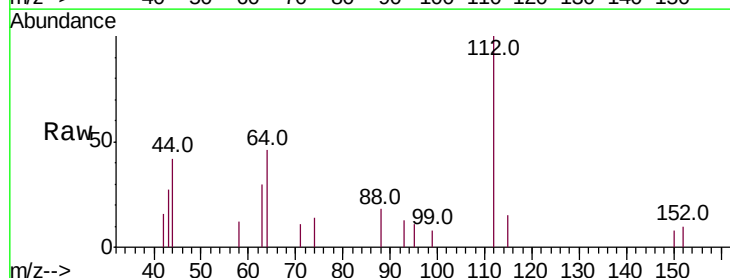
Tgt Ion:112 Resp: 1170

Ion Ratio Lower Upper

112 100

64 47.1 35.8 53.8

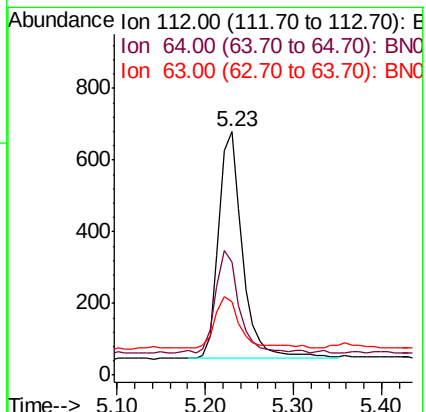
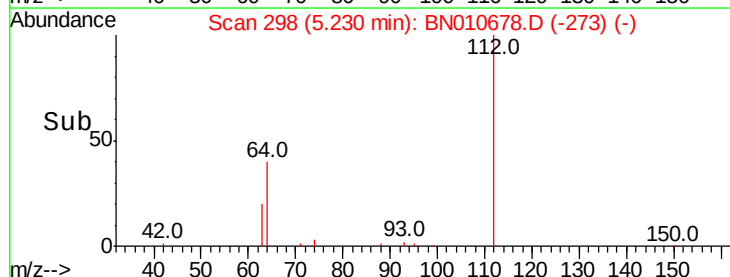
63 25.6 19.9 29.9

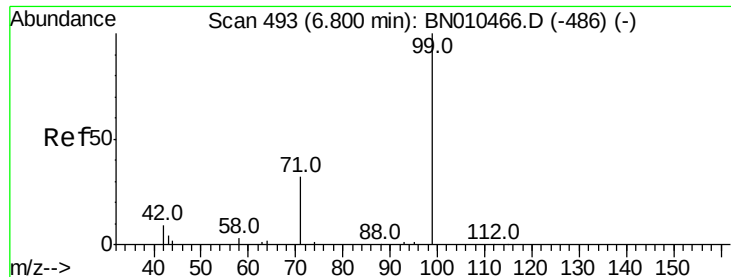


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.089 ng

RT: 6.78 min Scan# 490

Delta R.T. 0.00 min

Lab File: BN010678.D

Acq: 30 Apr 2020 17:26

Instrument :

BNA_N

ClientSampleId :

B-1511-B

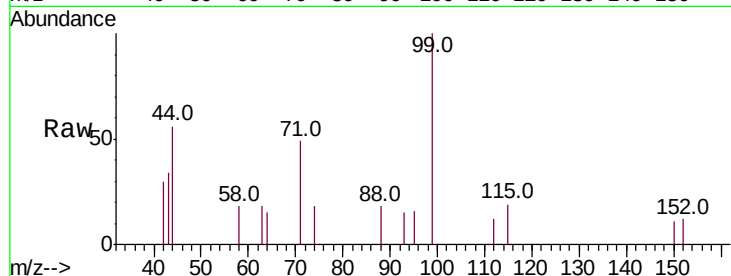
Tot Ion: 99 Resp: 858

Ion Ratio Lower Upper

99 100

42 18.1 9.8 14.6#

71 40.0 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BN010466.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN010466.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN010466.D (-486) (-)

6.78

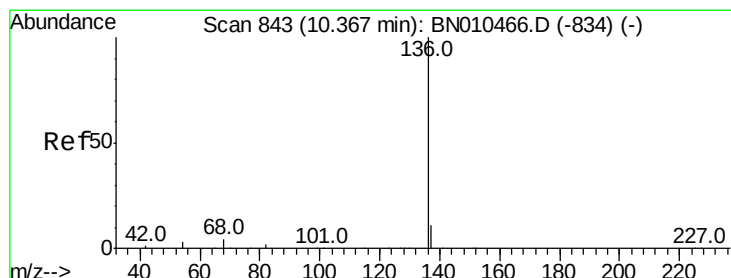
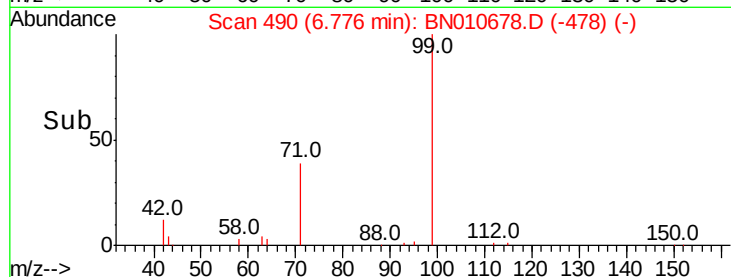
400

200

0

6.70 6.80 6.90

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.01 min

Lab File: BN010678.D

Acq: 30 Apr 2020 17:26

Tgt Ion: 136 Resp: 13833

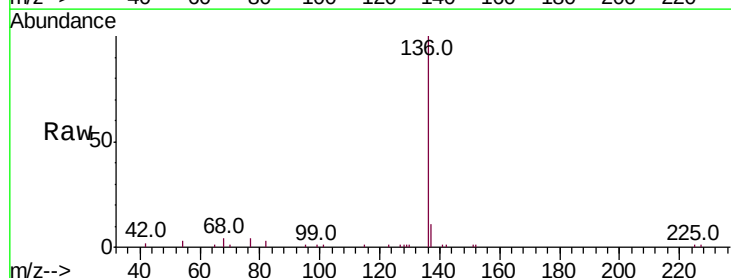
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 3.4 2.6 4.0

68 4.0 3.4 5.2



Abundance Ion 136.00 (135.70 to 136.70): BN010466.D (-834) (-)

Ion 137.00 (136.70 to 137.70): BN010466.D (-834) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-834) (-)

Ion 68.00 (67.70 to 68.70): BN010466.D (-834) (-)

10.34

10000

8000

6000

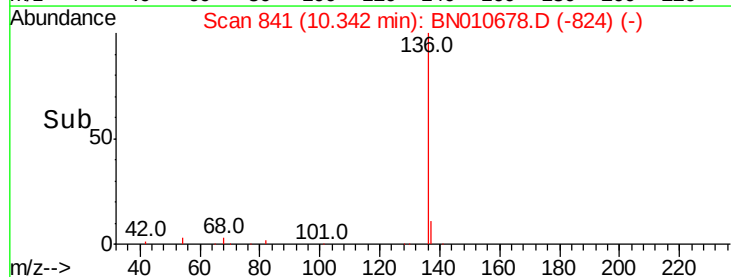
4000

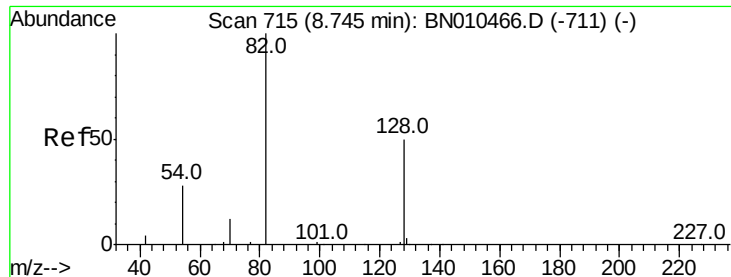
2000

0

10.20 10.30 10.40 10.50

Time-->





#8

Nitrobenzene-d5

Concen: 0.363 ng

RT: 8.72 min Scan# 713

Delta R.T. 0.00 min

Lab File: BN010678.D

Acq: 30 Apr 2020 17:26

Instrument :

BNA_N

ClientSampleId :

B-1511-B

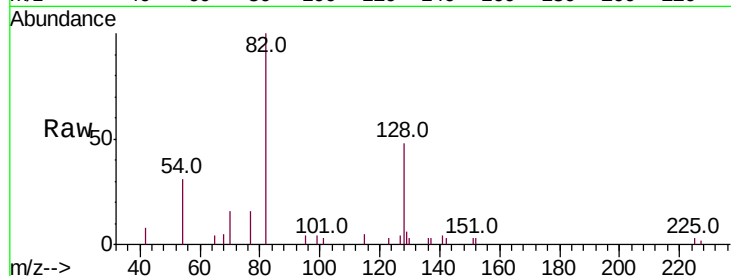
Tot Ion: 82 Resp: 3512

Ion Ratio Lower Upper

82 100

128 47.8 41.3 61.9

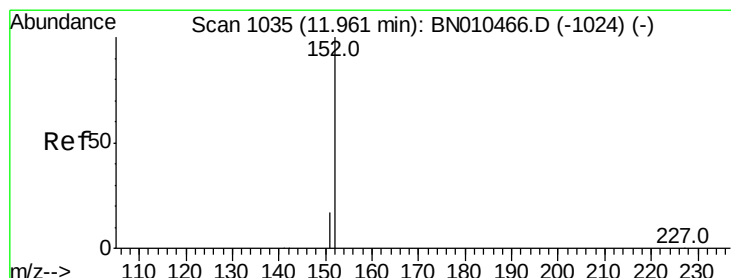
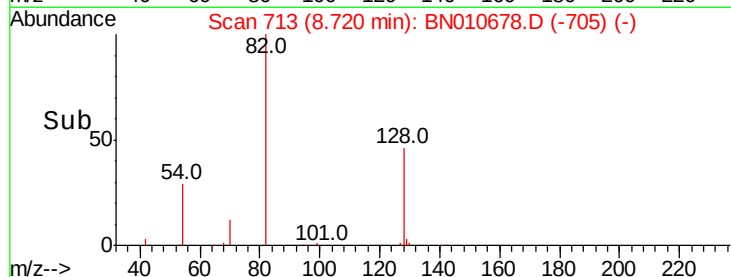
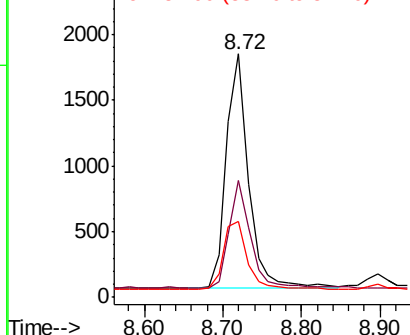
54 31.2 23.4 35.0



Abundance Ion 82.00 (81.70 to 82.70): BN010678.D (-713) (-)

Ion 128.00 (127.70 to 128.70): BN010678.D (-713) (-)

Ion 54.00 (53.70 to 54.70): BN010678.D (-713) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.332 ng

RT: 11.93 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BN010678.D

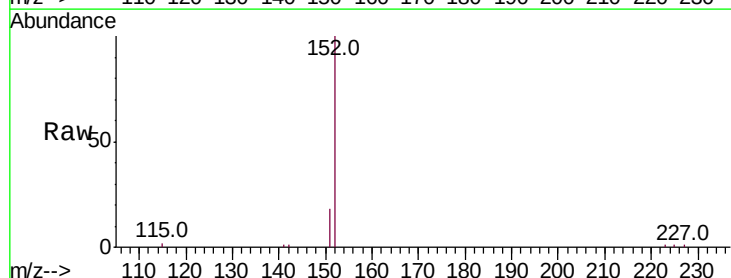
Acq: 30 Apr 2020 17:26

Tgt Ion: 152 Resp: 7545

Ion Ratio Lower Upper

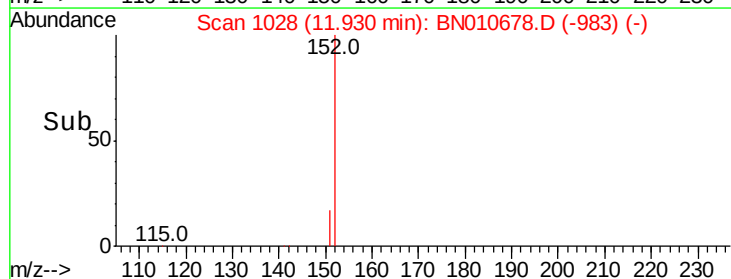
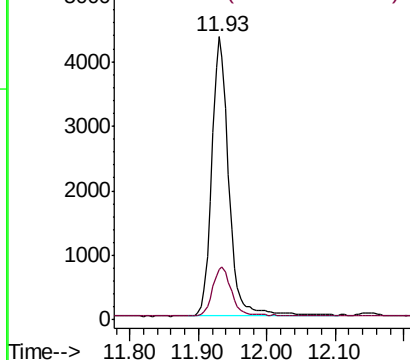
152 100

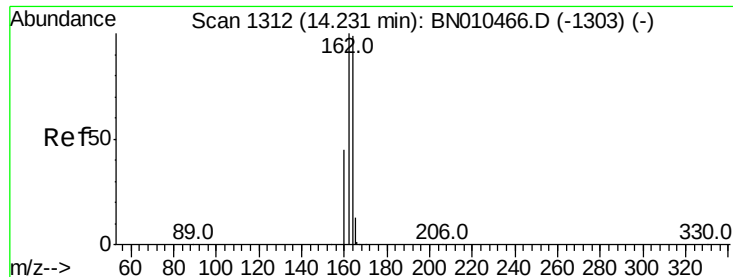
151 18.9 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010678.D (-983) (-)

Ion 151.00 (150.70 to 151.70): BN010678.D (-983) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.20 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BN010678.D

Acq: 30 Apr 2020 17:26

Instrument :

BNA_N

ClientSampleId :

B-1511-B

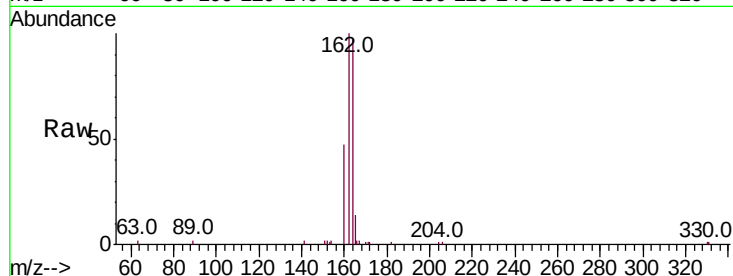
Tot Ion:164 Resp: 8393

Ion Ratio Lower Upper

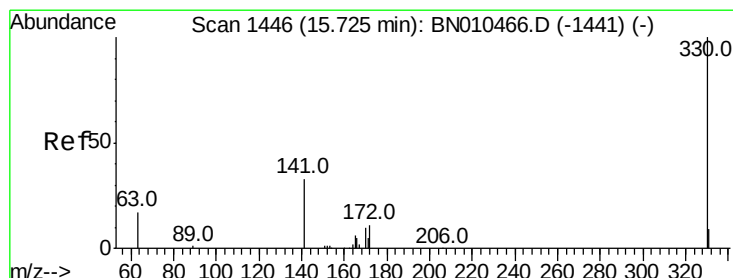
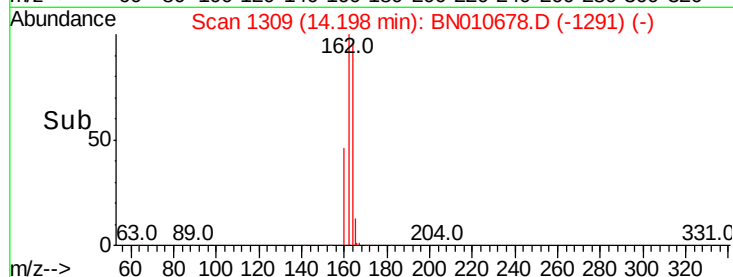
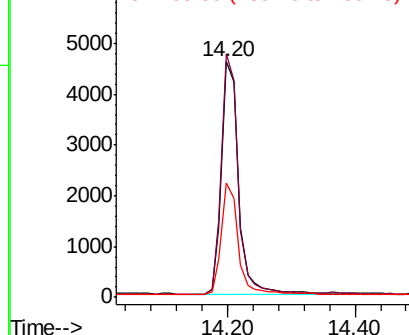
164 100

162 103.4 80.6 121.0

160 48.7 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.311 ng

RT: 15.70 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BN010678.D

Acq: 30 Apr 2020 17:26

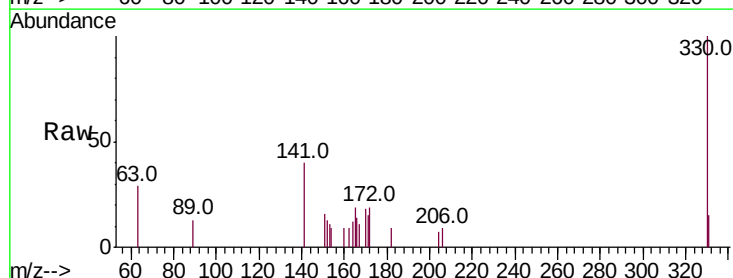
Tgt Ion:330 Resp: 1230

Ion Ratio Lower Upper

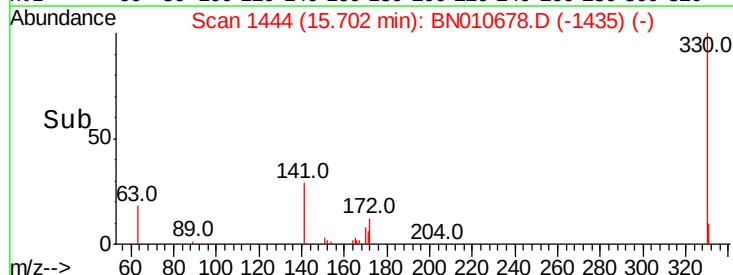
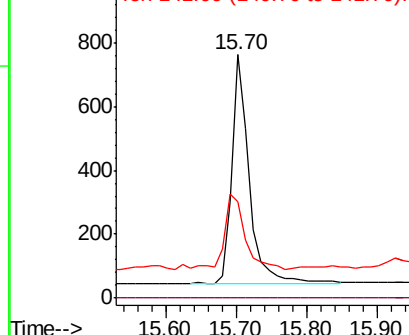
330 100

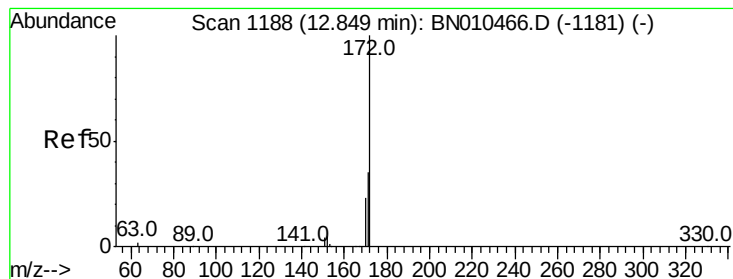
332 0.0 0.0 0.0

141 38.9 28.1 42.1



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.390 ng

RT: 12.83 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BN010678.D

Acq: 30 Apr 2020 17:26

Instrument :

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B-1511-B

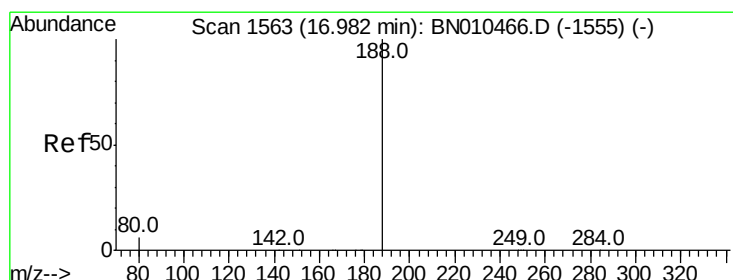
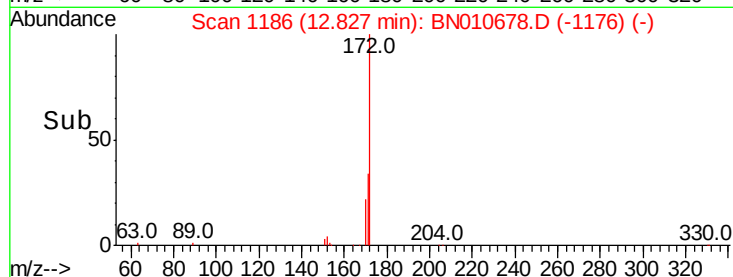
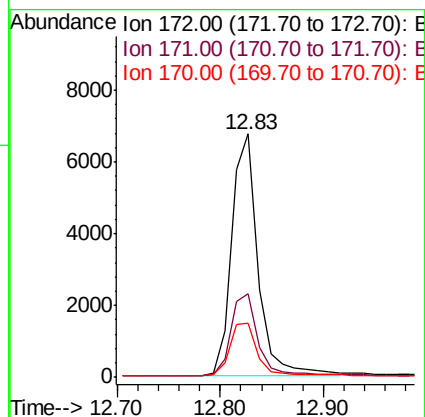
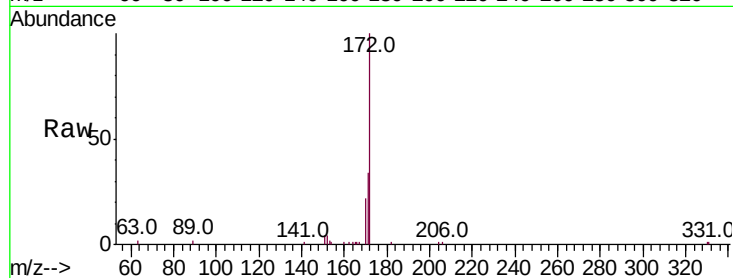
Tot Ion:172 Resp: 11915

Ion Ratio Lower Upper

172 100

171 34.4 28.2 42.2

170 22.1 18.4 27.6



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.95 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BN010678.D

Acq: 30 Apr 2020 17:26

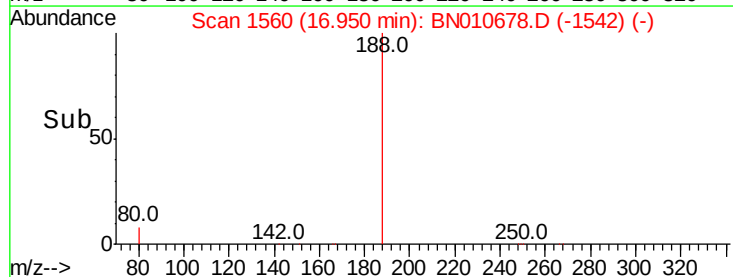
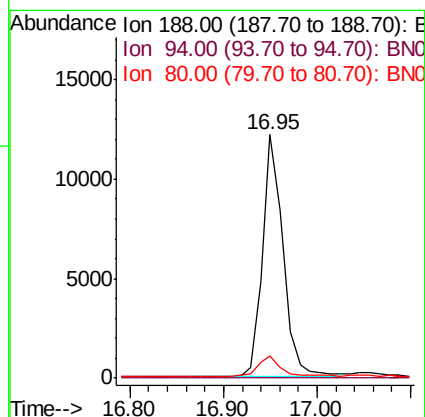
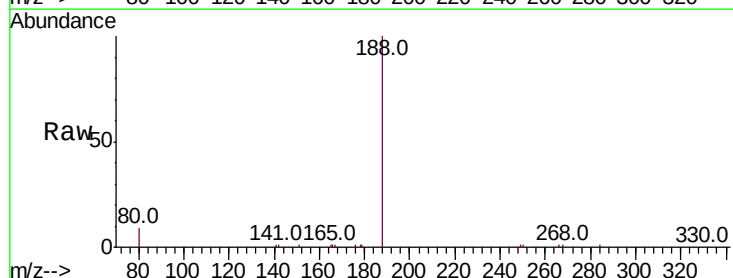
Tgt Ion:188 Resp: 18788

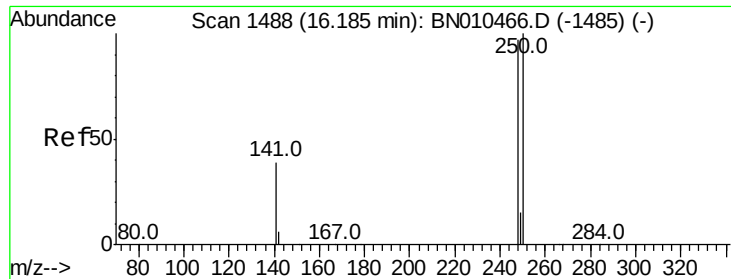
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.3 5.0 7.6#

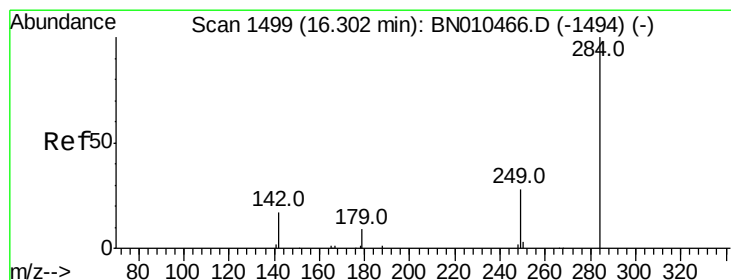
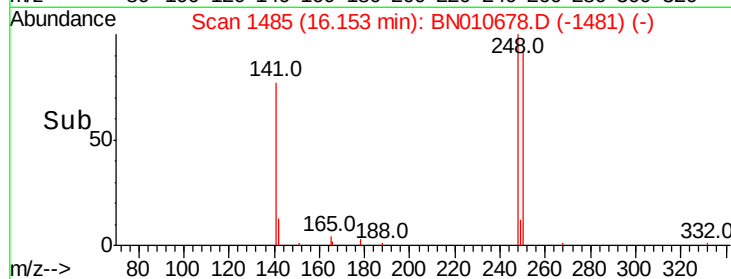
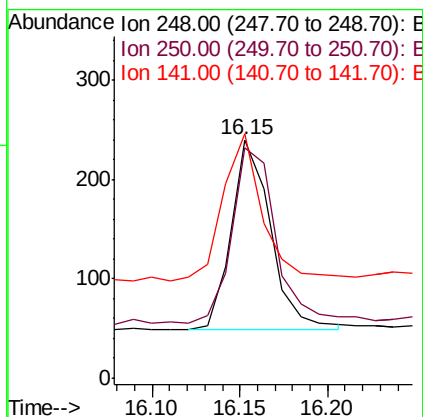
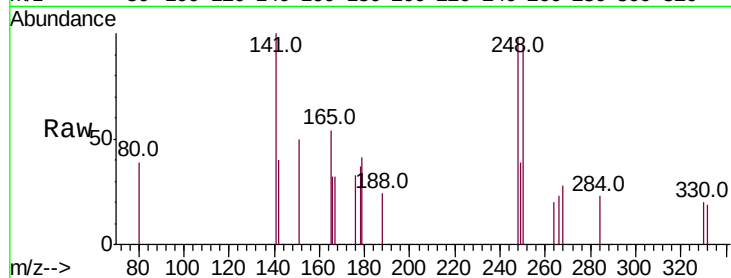




#20
4-Bromophenyl-phenylether
Concen: 0.029 ng
RT: 16.15 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

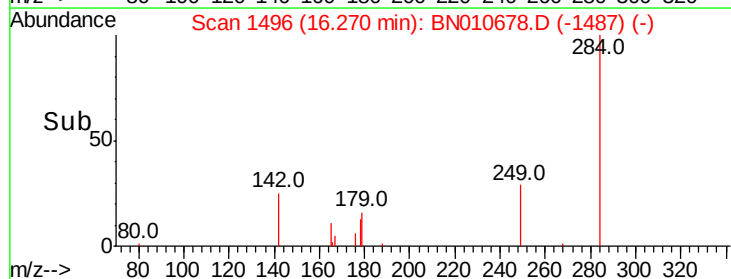
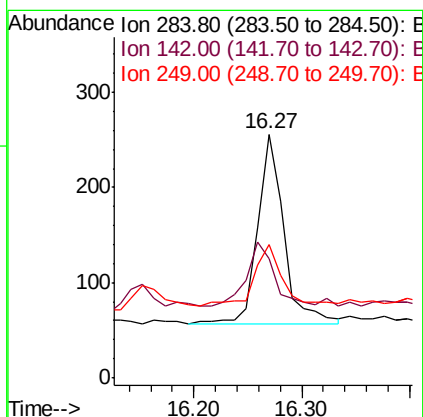
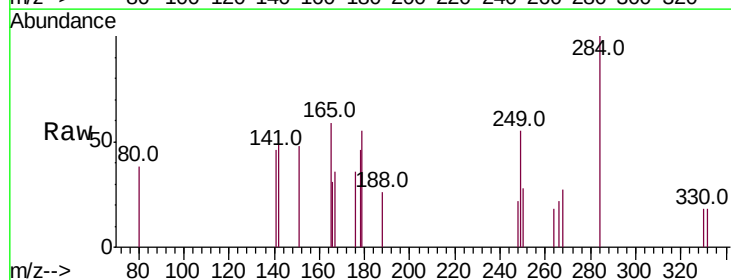
Instrument :
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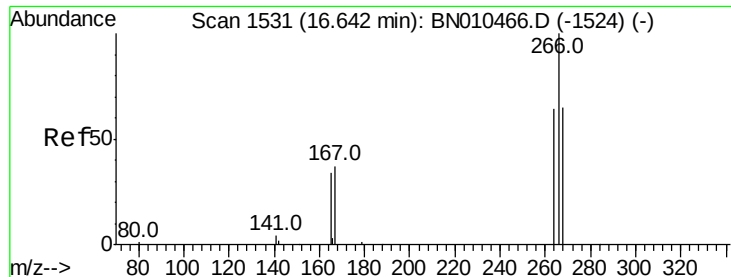
Tot Ion:248 Resp: 300
Ion Ratio Lower Upper
248 100
250 96.7 82.3 123.5
141 102.5 35.2 52.8#



#21
Hexachlorobenzene
Concen: 0.029 ng
RT: 16.27 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Tgt Ion:284 Resp: 342
Ion Ratio Lower Upper
284 100
142 35.4 25.5 38.3
249 33.3 25.8 38.6





#22

Pentachlorophenol

Concen: 0.044 ng

RT: 16.62 min Scan# 1529

Delta R.T. 0.01 min

Lab File: BN010678.D

Acq: 30 Apr 2020 17:26

Instrument :

BNA_N

ClientSampleId :

B-1511-B

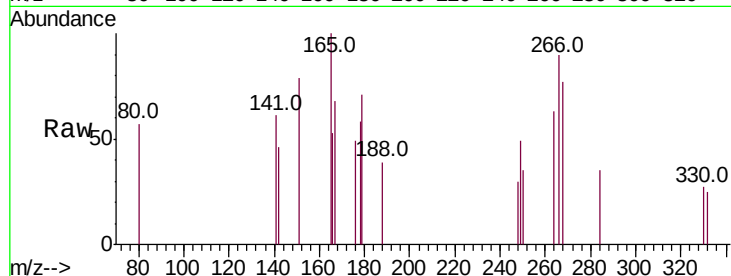
Tot Ion:266 Resp: 207

Ion Ratio Lower Upper

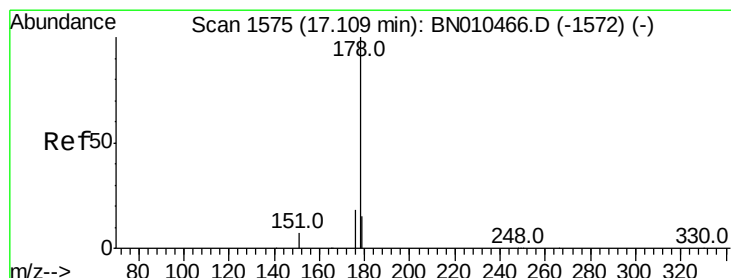
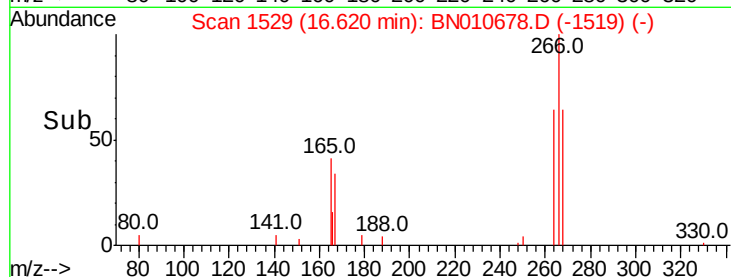
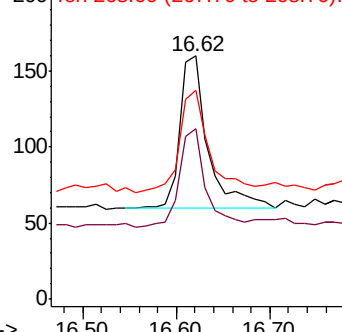
266 100

264 70.0 51.8 77.6

268 85.6 53.7 80.5#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



#24

Anthracene

Concen: 0.341 ng

RT: 17.09 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BN010678.D

Acq: 30 Apr 2020 17:26

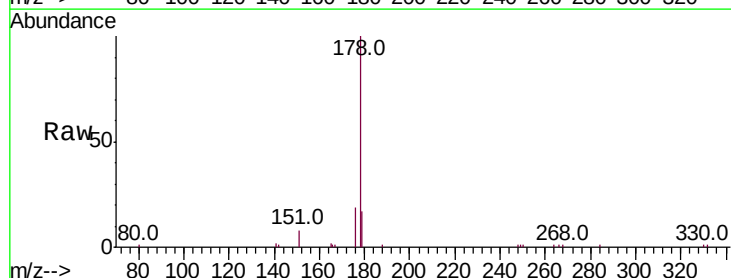
Tgt Ion:178 Resp: 15836

Ion Ratio Lower Upper

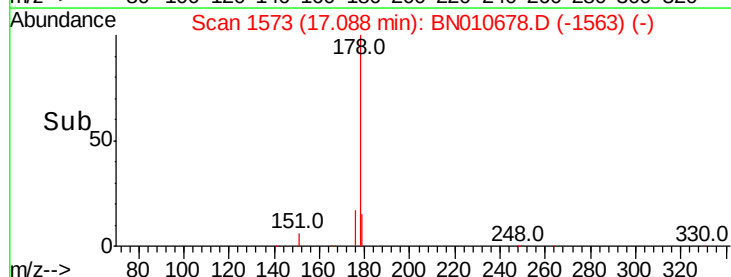
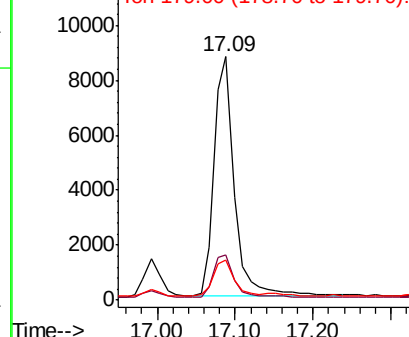
178 100

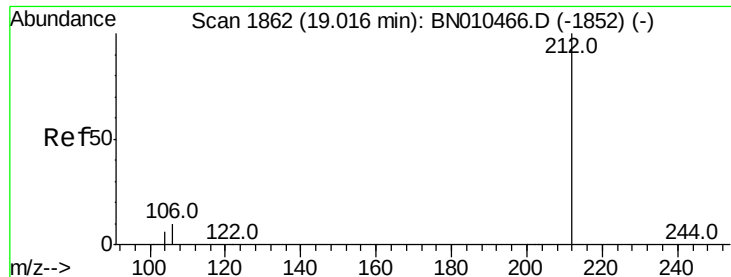
176 18.7 14.6 21.8

179 15.0 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.363 ng

RT: 18.99 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BN010678.D

Acq: 30 Apr 2020 17:26

Instrument :

BNA_N

ClientSampleId :

B-1511-B

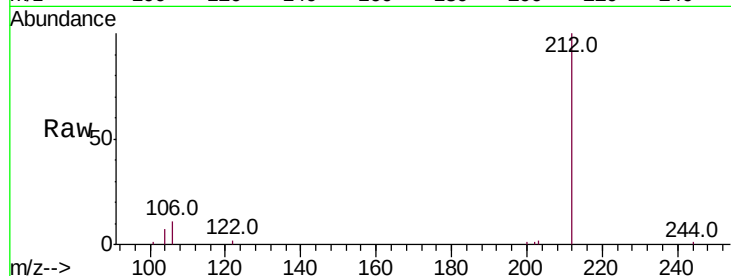
Tot Ion:212 Resp: 20663

Ion Ratio Lower Upper

212 100

106 10.7 7.8 11.6

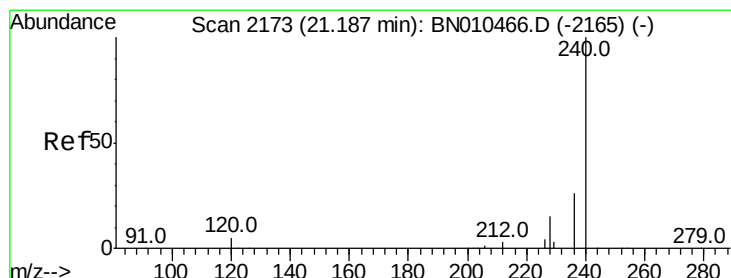
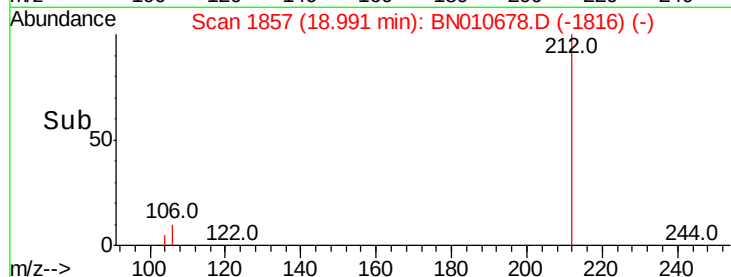
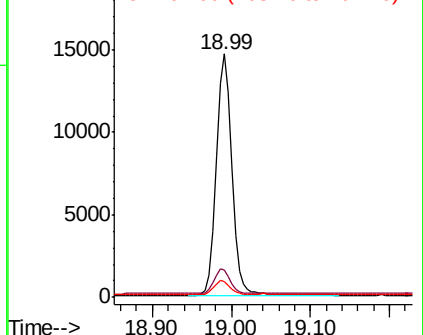
104 6.1 4.5 6.7



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.16 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN010678.D

Acq: 30 Apr 2020 17:26

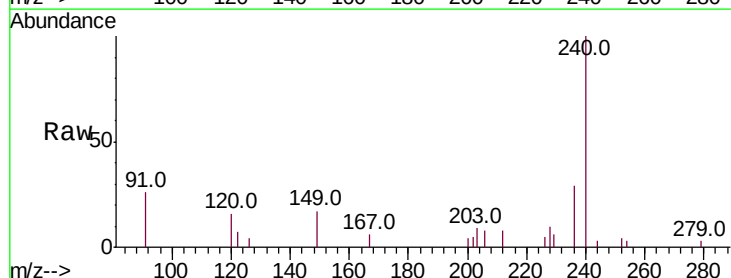
Tgt Ion:240 Resp: 17503

Ion Ratio Lower Upper

240 100

120 16.2 4.8 7.2#

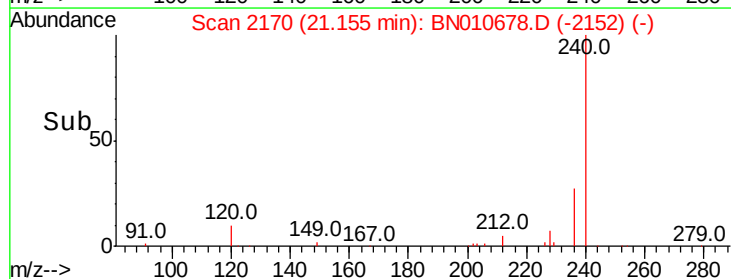
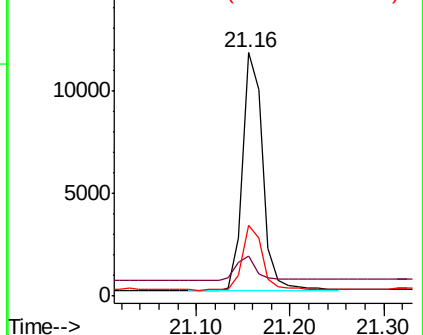
236 29.0 21.4 32.0

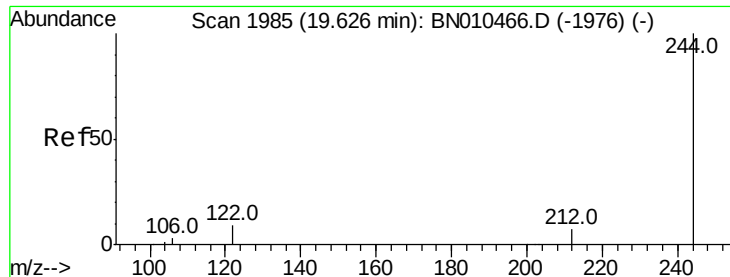


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.502 ng

RT: 19.60 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BN010678.D

Acq: 30 Apr 2020 17:26

Instrument :

BNA_N

ClientSampleId :

B-1511-B

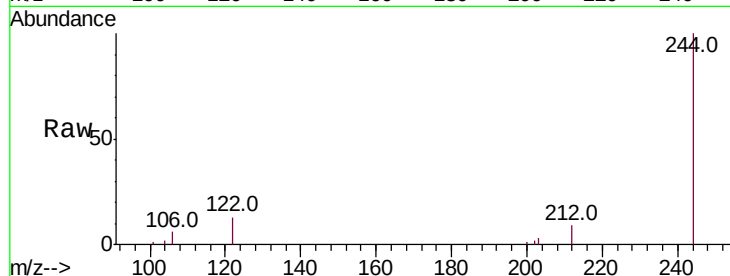
Tot Ion:244 Resp: 20124

Ion Ratio Lower Upper

244 100

212 8.6 6.2 9.4

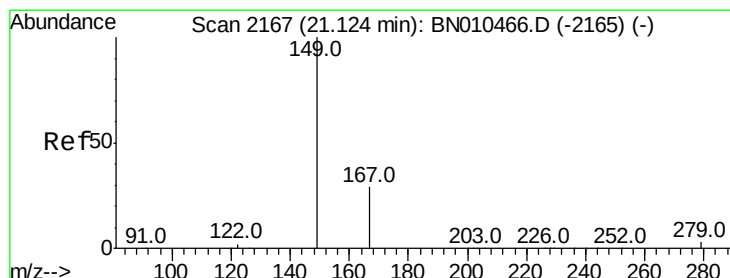
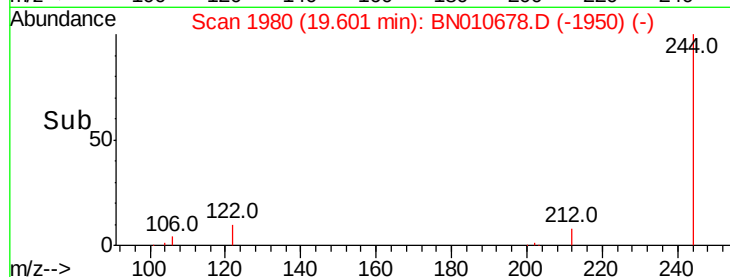
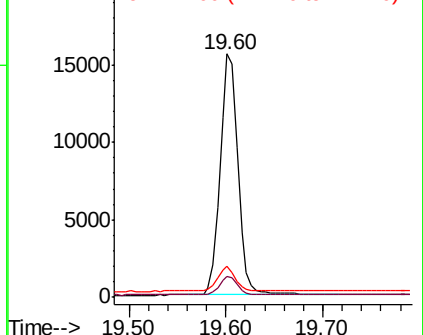
122 12.7 7.8 11.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.219 ng

RT: 21.10 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BN010678.D

Acq: 30 Apr 2020 17:26

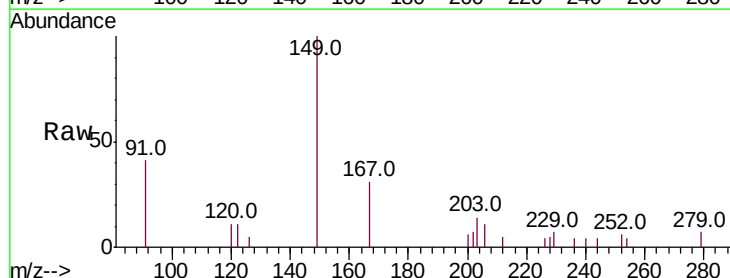
Tgt Ion:149 Resp: 6407

Ion Ratio Lower Upper

149 100

167 28.0 23.4 35.0

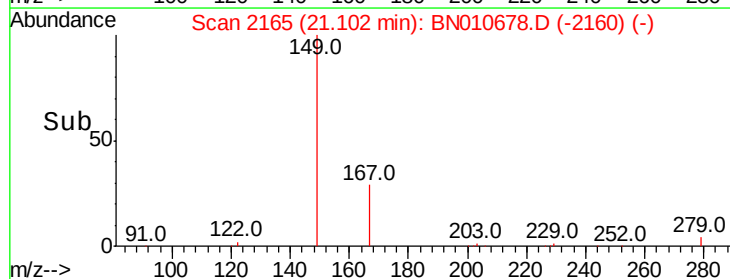
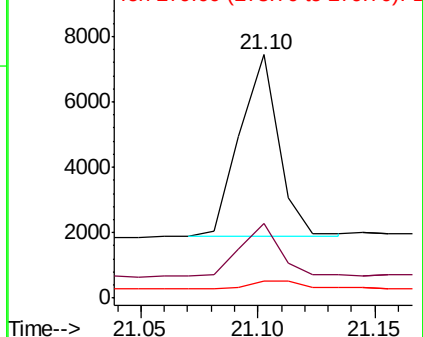
279 5.9 4.0 6.0

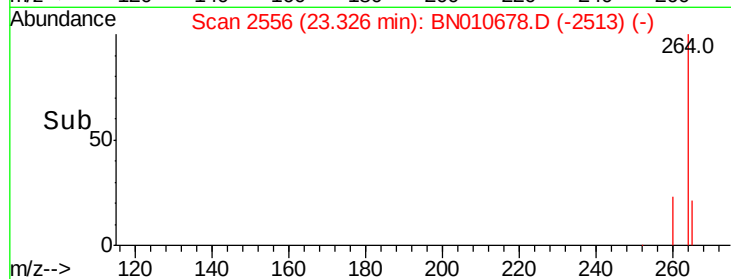
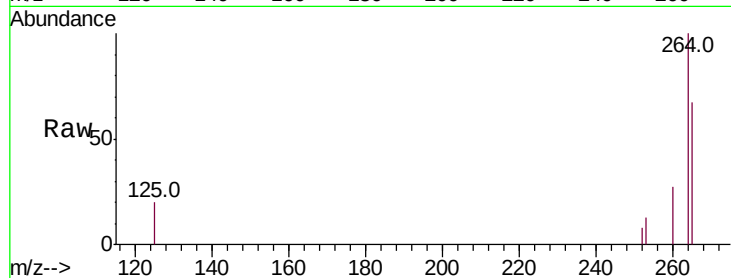
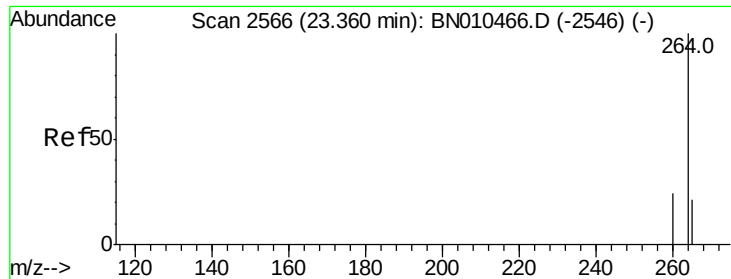


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.33 min Scan# 2556

Delta R.T. -0.00 min

Lab File: BN010678.D

Acq: 30 Apr 2020 17:26

Instrument :

BNA_N

ClientSampleId :

B-1511-B

Tot Ion:264 Resp: 16562

Ion Ratio Lower Upper

264 100

260 27.5 19.8 29.8

265 67.1 42.3 63.5

