

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042820\
 Data File : BN010627.D
 Acq On : 28 Apr 2020 17:00
 Operator : CG/JU
 Sample : L2363-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS038-200420

Quant Time: Apr 28 17:30:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 11:13:37 2020
 Response via : Initial Calibration

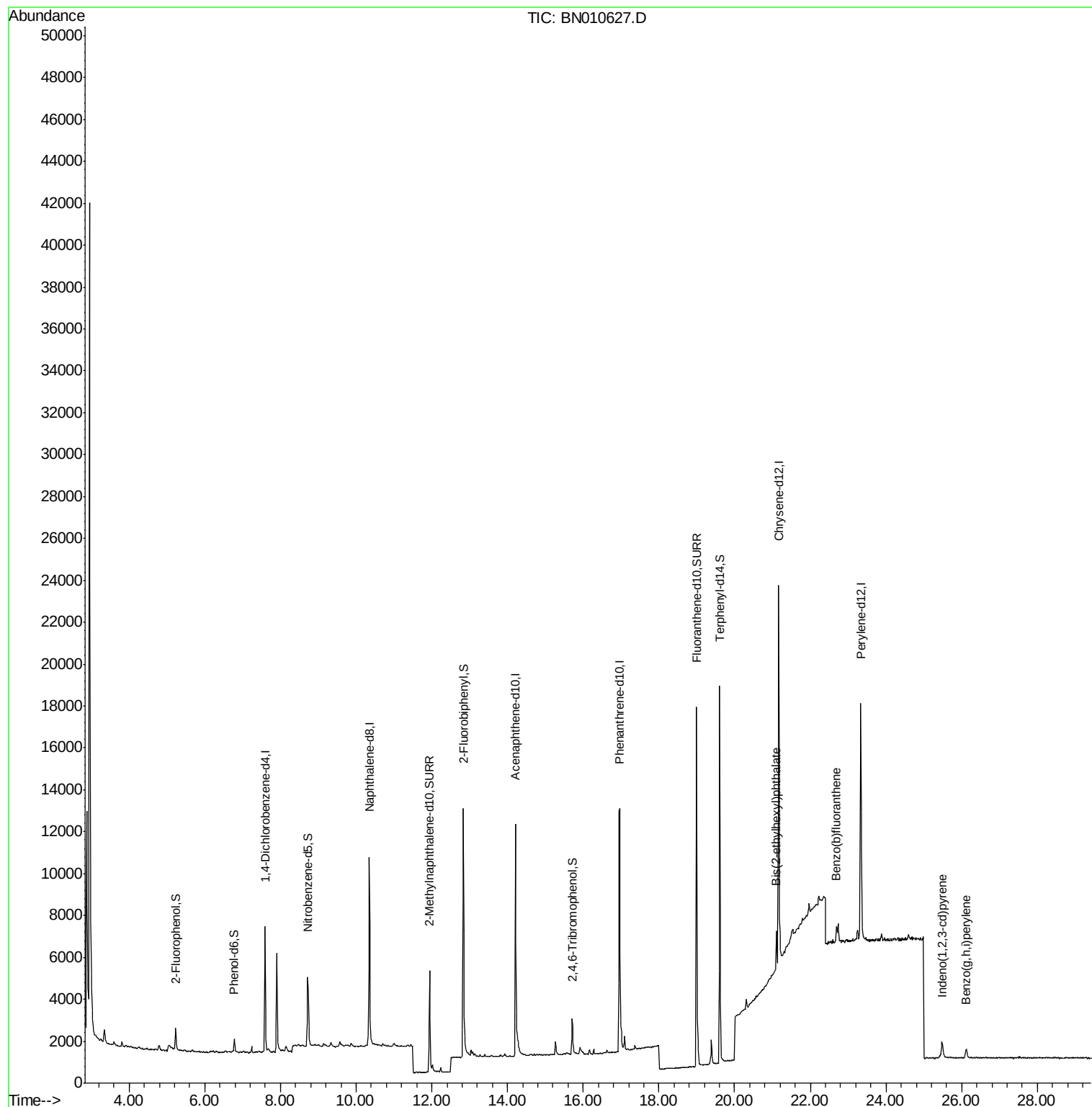
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	3035	0.40	ng	0.00
7) Naphthalene-d8	10.34	136	12904	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	8474	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	19899	0.40	ng	0.00
27) Chrysene-d12	21.16	240	17395	0.40	ng	0.00
34) Perylene-d12	23.33	264	15996	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	1095	0.16	ng	0.00
5) Phenol-d6	6.78	99	801	0.09	ng	0.00
8) Nitrobenzene-d5	8.72	82	3481	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.94	152	7550	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	1646	0.41	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	12457	0.40	ng	0.00
25) Fluoranthene-d10	19.00	212	22056	0.37	ng	0.00
29) Terphenyl-d14	19.61	244	19438	0.49	ng	0.00
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.10	149	1846	0.063	ng	95
33) Indeno(1,2,3-cd)pyrene	25.48	276	1024	0.020	ng	95
35) Benzo(b)fluoranthene	22.69	252	1070	0.020	ng	# 1
39) Benzo(g,h,i)perylene	26.12	276	913	0.021	ng	# 32

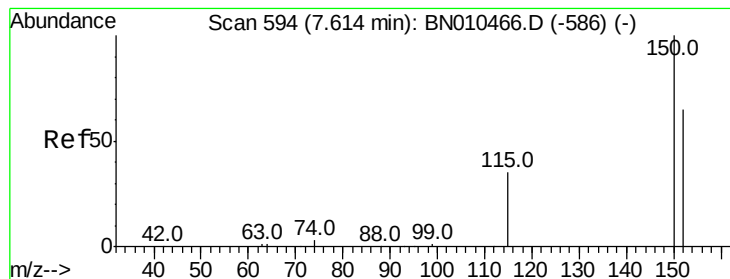
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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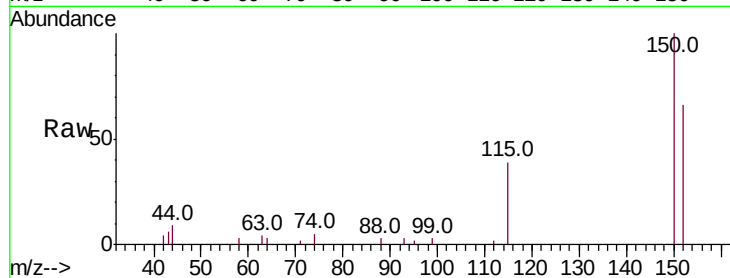




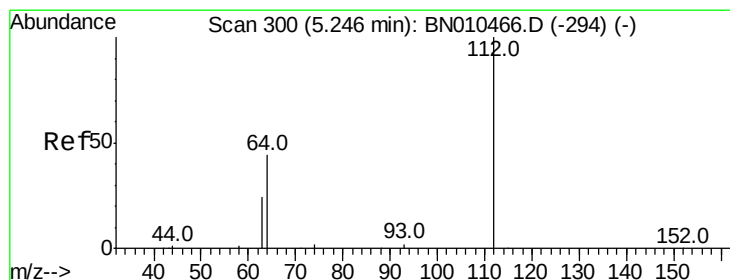
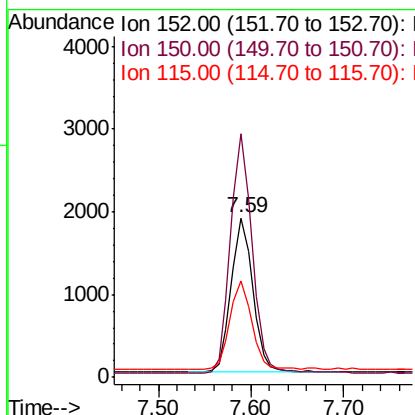
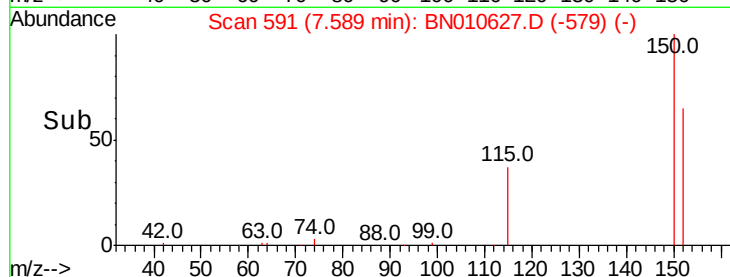
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.59 min Scan# 591
 Delta R.T. -0.00 min
 Lab File: BN010627.D
 Acq: 28 Apr 2020 17:00

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS038-200420

Tot Ion:152 Resp: 3035
 Ion Ratio Lower Upper
 152 100
 150 152.6 121.8 182.6
 115 60.2 45.5 68.3

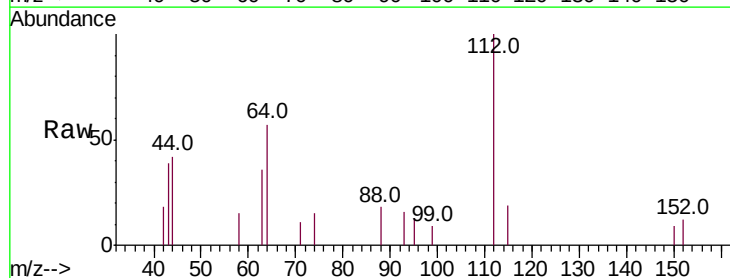


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

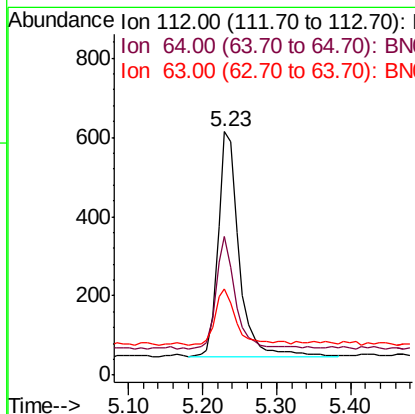
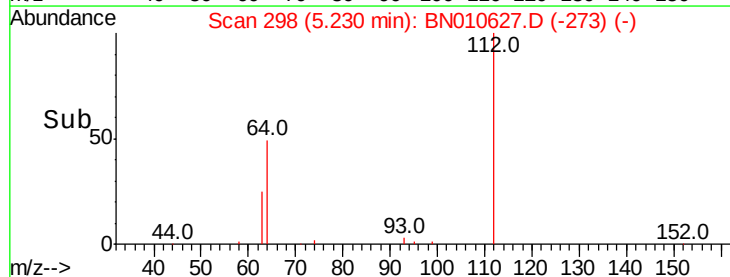


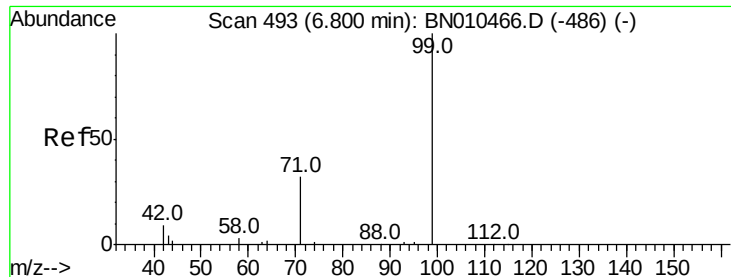
#4
 2-Fluorophenol
 Concen: 0.165 ng
 RT: 5.23 min Scan# 298
 Delta R.T. -0.00 min
 Lab File: BN010627.D
 Acq: 28 Apr 2020 17:00

Tgt Ion:112 Resp: 1095
 Ion Ratio Lower Upper
 112 100
 64 45.5 35.8 53.8
 63 25.7 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: 0.092 ng

RT: 6.78 min Scan# 491

Delta R.T. -0.00 min

Lab File: BN010627.D

Acq: 28 Apr 2020 17:00

Instrument :

BNA_N

ClientSampleId :

KY038PS038-200420

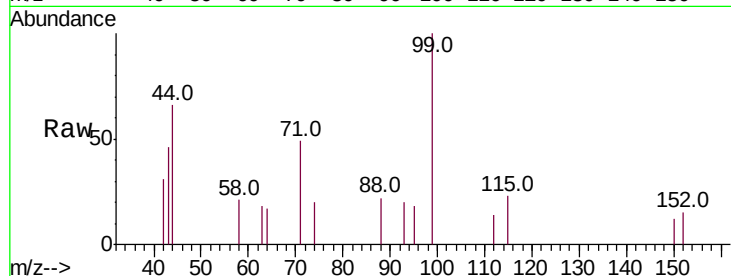
Tot Ion: 99 Resp: 801

Ion Ratio Lower Upper

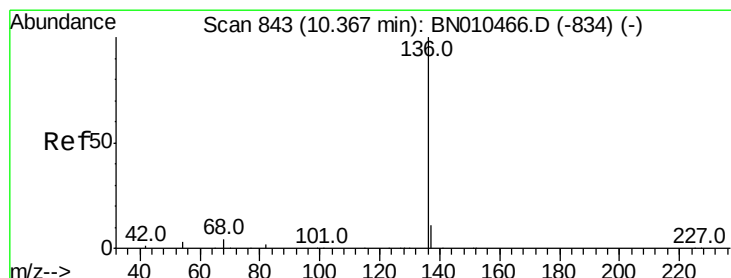
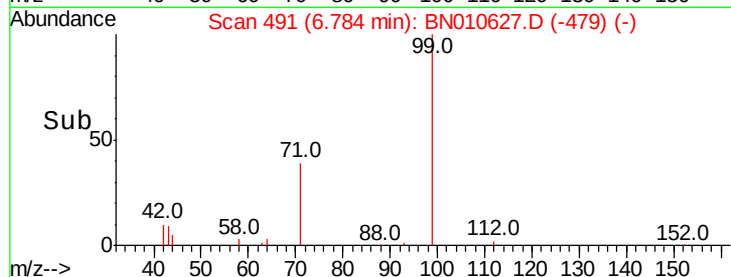
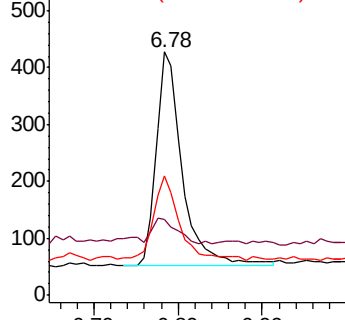
99 100

42 11.2 9.8 14.6

71 40.0 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BN010627.D (-486) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.34 min Scan# 841

Delta R.T. -0.00 min

Lab File: BN010627.D

Acq: 28 Apr 2020 17:00

Tgt Ion: 136 Resp: 12904

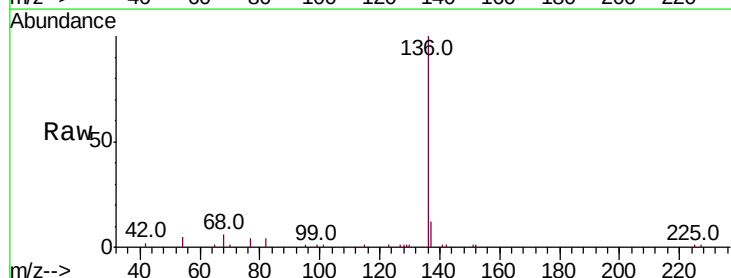
Ion Ratio Lower Upper

136 100

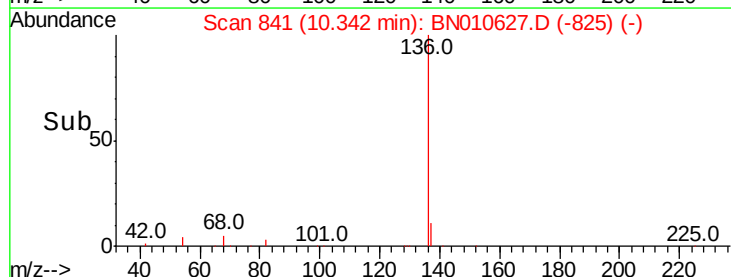
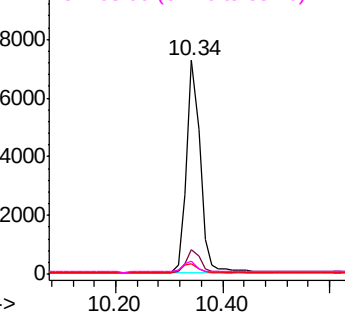
137 11.6 8.9 13.3

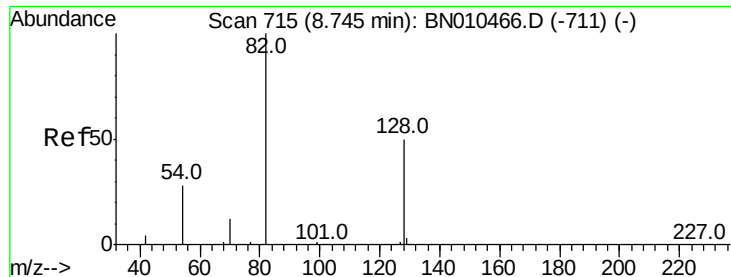
54 4.7 2.6 4.0#

68 5.9 3.4 5.2#



Abundance Ion 136.00 (135.70 to 136.70): BN010627.D (-834) (-)





#8

Nitrobenzene-d5

Concen: 0.386 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.00 min

Lab File: BN010627.D

Acq: 28 Apr 2020 17:00

Instrument :

BNA_N

ClientSampleId :

KY038PS038-200420

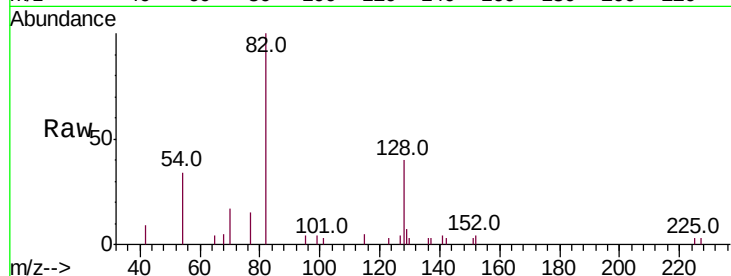
Tot Ion: 82 Resp: 3481

Ion Ratio Lower Upper

82 100

128 39.7 41.3 61.9#

54 33.6 23.4 35.0

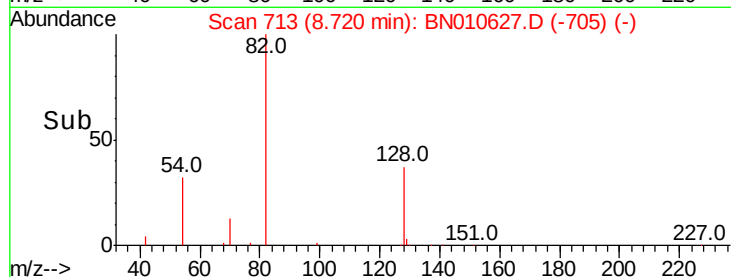


Abundance Ion 82.00 (81.70 to 82.70): BN010466.D (-711) (-)

Ion 128.00 (127.70 to 128.70): BN010466.D (-711) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-711) (-)

Time-->



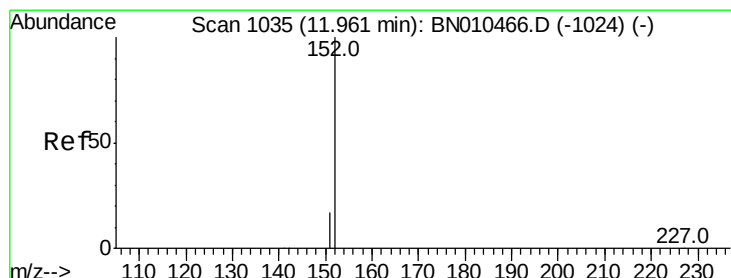
Abundance

Ion 82.00 (81.70 to 82.70): BN010627.D (-705) (-)

Ion 128.00 (127.70 to 128.70): BN010627.D (-705) (-)

Ion 54.00 (53.70 to 54.70): BN010627.D (-705) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.356 ng

RT: 11.94 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BN010627.D

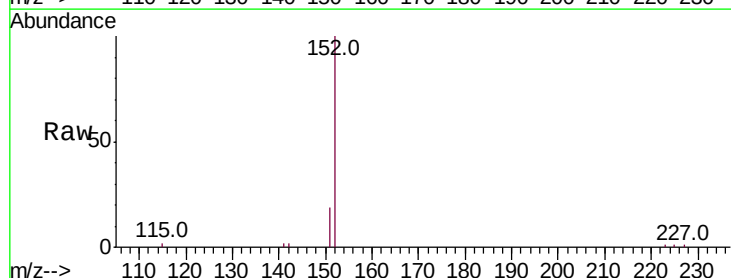
Acq: 28 Apr 2020 17:00

Tgt Ion: 152 Resp: 7550

Ion Ratio Lower Upper

152 100

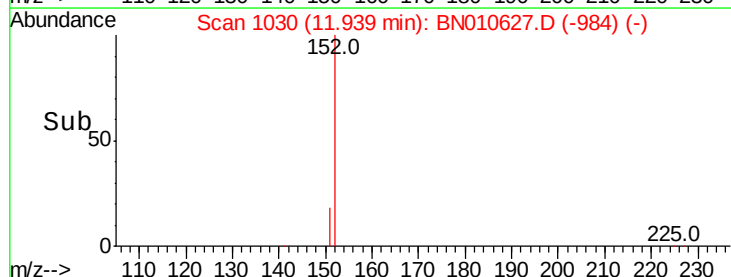
151 18.9 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010466.D (-1024) (-)

Ion 151.00 (150.70 to 151.70): BN010466.D (-1024) (-)

Time-->

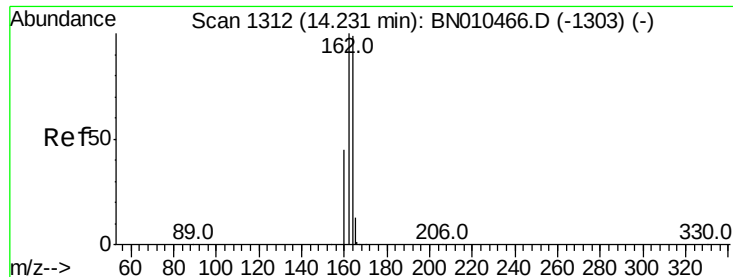


Abundance

Ion 152.00 (151.70 to 152.70): BN010627.D (-984) (-)

Ion 151.00 (150.70 to 151.70): BN010627.D (-984) (-)

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BN010627.D

Acq: 28 Apr 2020 17:00

Instrument :

BNA_N

ClientSampleId :

KY038PS038-200420

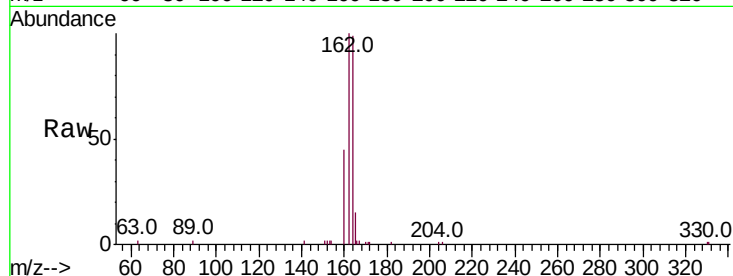
Tot Ion:164 Resp: 8474

Ion Ratio Lower Upper

164 100

162 100.7 80.6 121.0

160 45.5 36.5 54.7

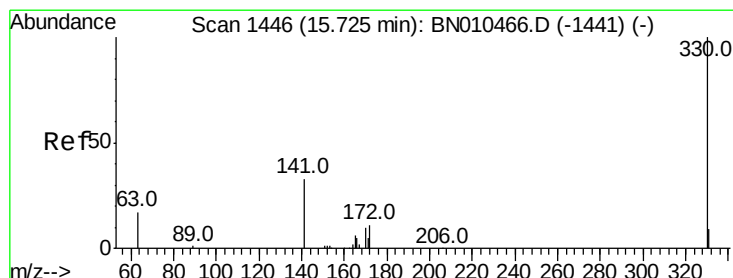
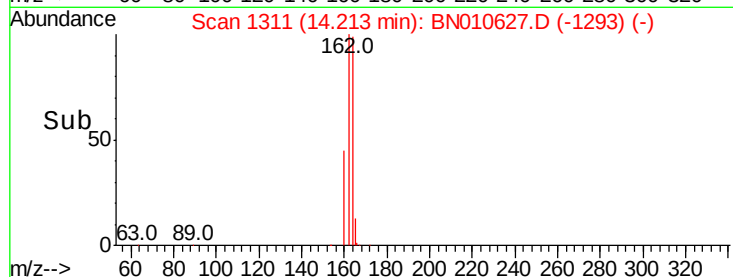
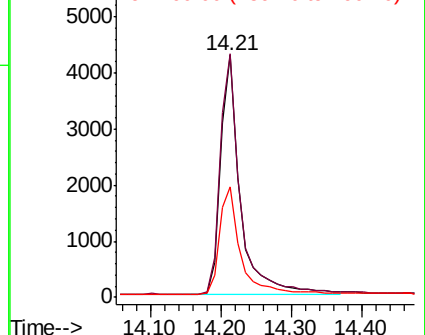


Abundance

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: 0.412 ng

RT: 15.72 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BN010627.D

Acq: 28 Apr 2020 17:00

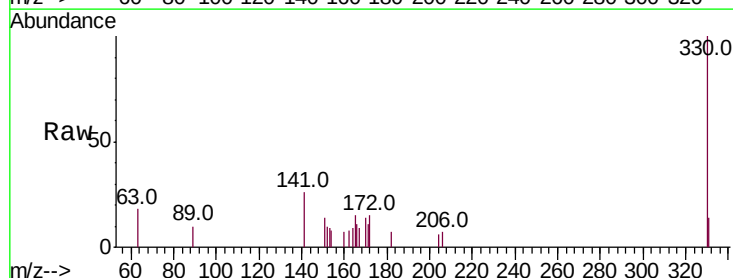
Tgt Ion:330 Resp: 1646

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 36.1 28.1 42.1

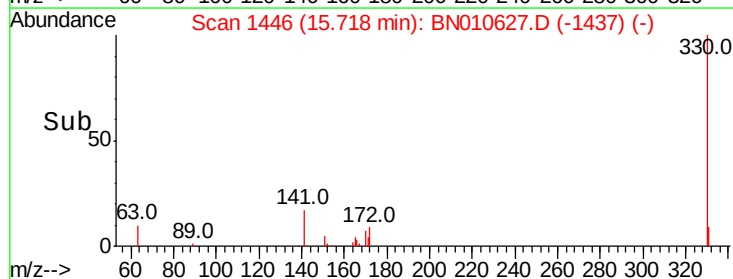
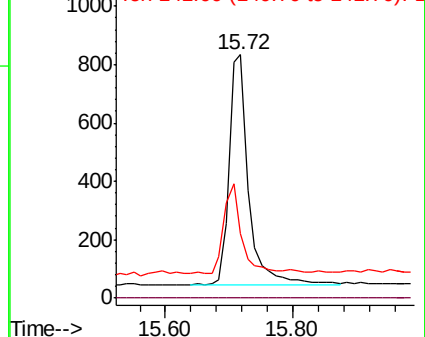


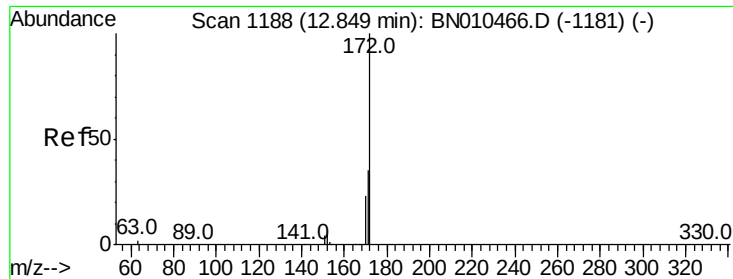
Abundance

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

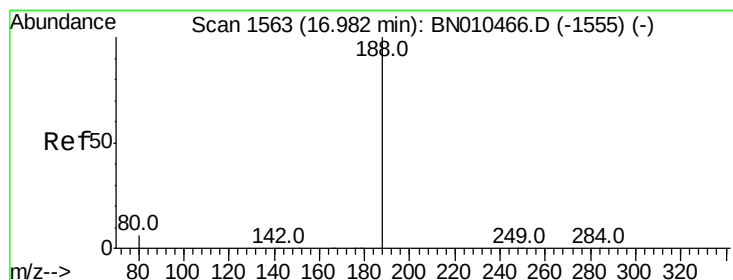
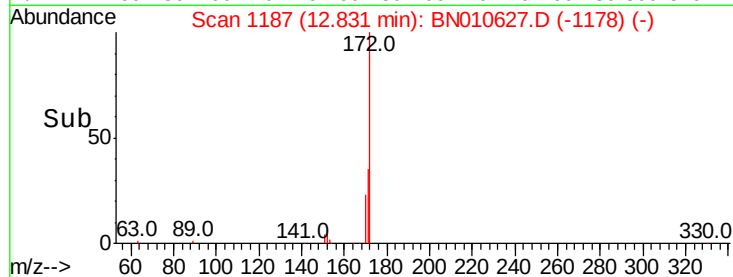
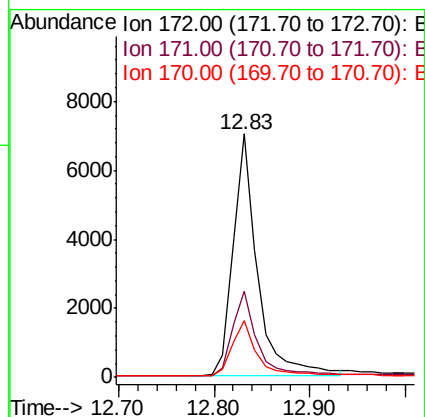
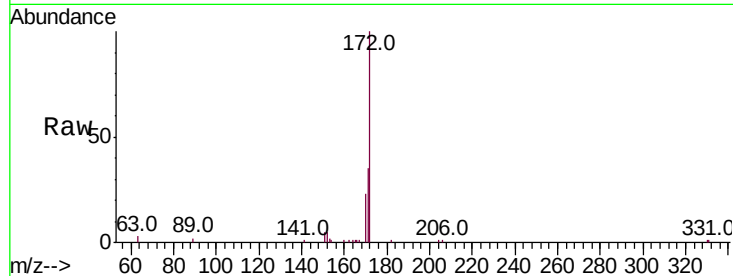




#15
 2-Fluorobiphenyl
 Concen: 0.404 ng
 RT: 12.83 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BN010627.D
 Acq: 28 Apr 2020 17:00

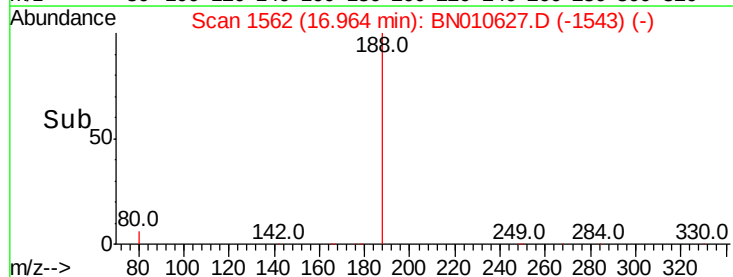
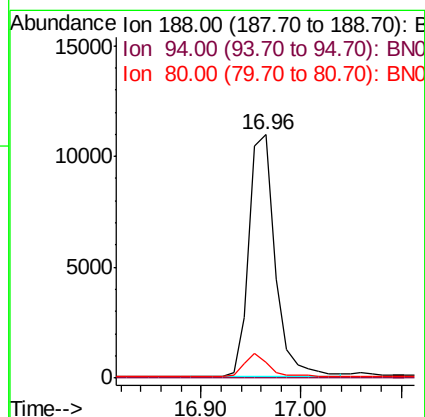
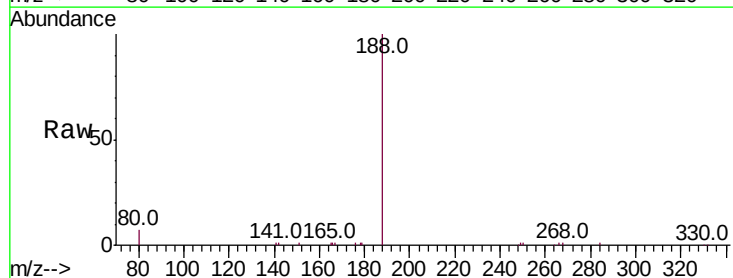
Instrument :
 BNA_N
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 KY038PS038-200420

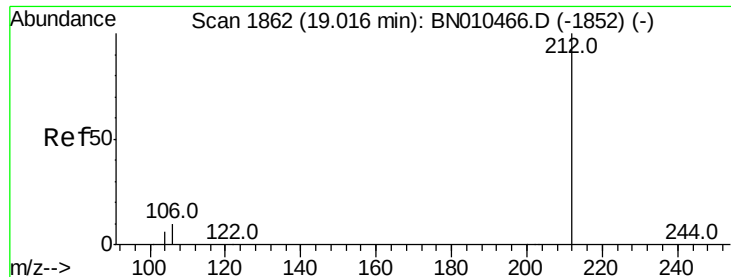
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.2
170	23.1	18.4	27.6



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.96 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BN010627.D
 Acq: 28 Apr 2020 17:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.7	5.0	7.6





#25

Fluoranthene-d10

Concen: 0.366 ng

RT: 19.00 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BN010627.D

Acq: 28 Apr 2020 17:00

Instrument :

BNA_N

ClientSampleId :

KY038PS038-200420

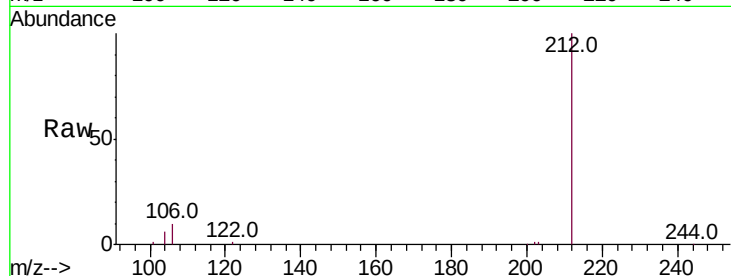
Tot Ion:212 Resp: 22056

Ion Ratio Lower Upper

212 100

106 10.5 7.8 11.6

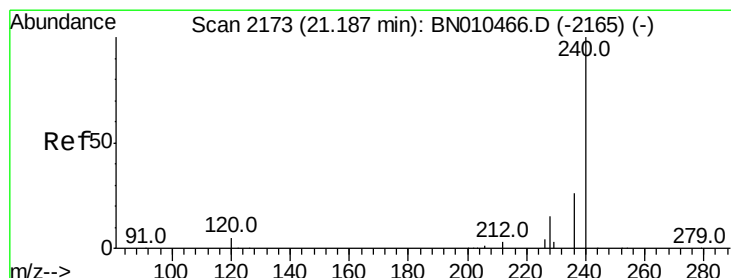
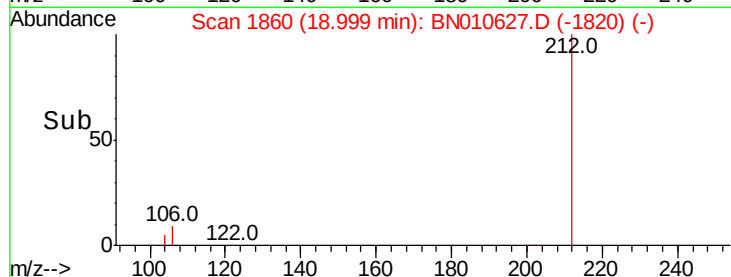
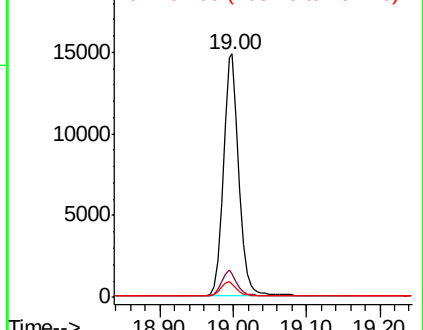
104 5.8 4.5 6.7



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# 2172

Delta R.T. -0.00 min

Lab File: BN010627.D

Acq: 28 Apr 2020 17:00

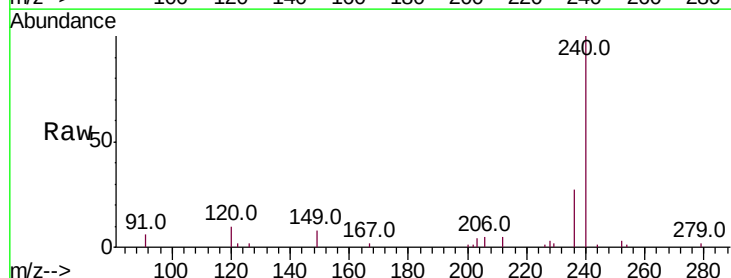
Tgt Ion:240 Resp: 17395

Ion Ratio Lower Upper

240 100

120 9.9 4.8 7.2#

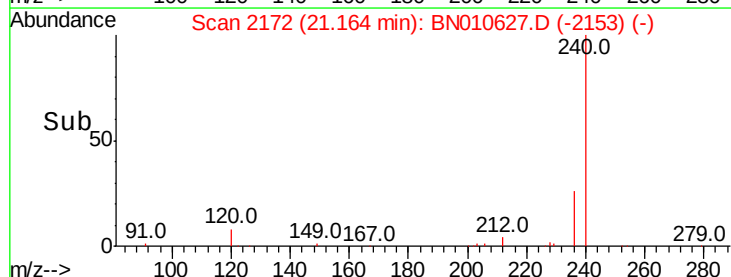
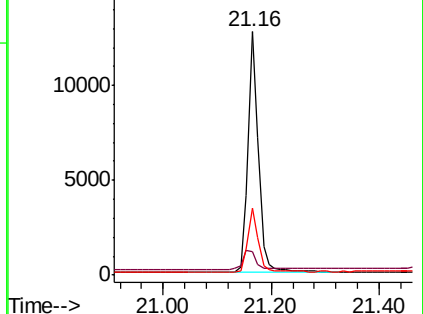
236 27.4 21.4 32.0

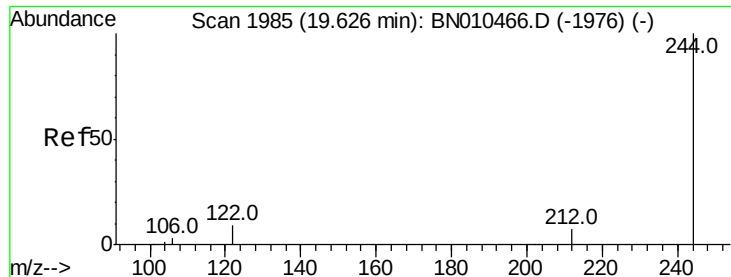


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.488 ng

RT: 19.61 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BN010627.D

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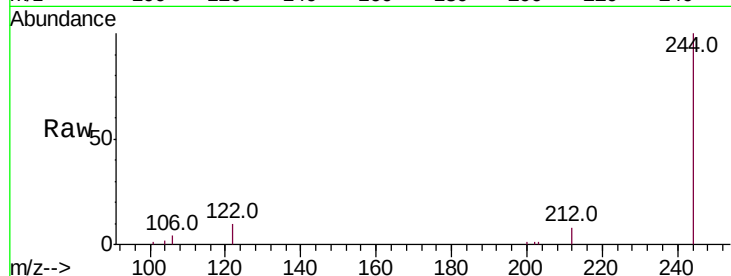
Tot Ion:244 Resp: 19438

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.4

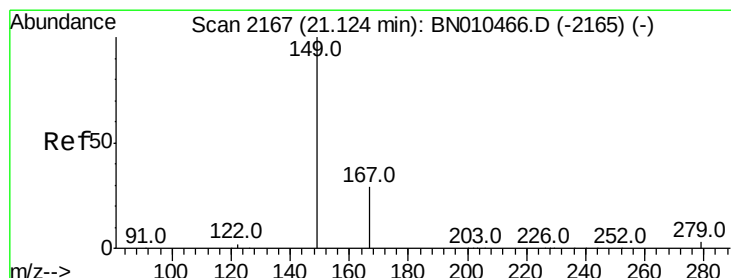
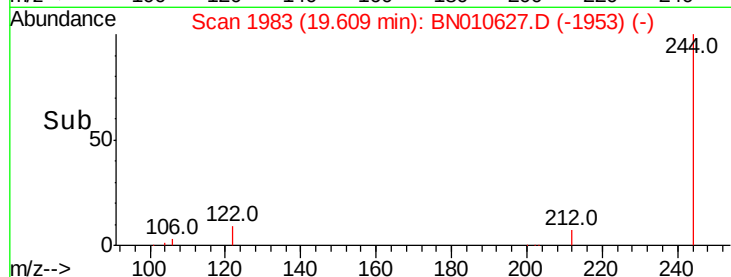
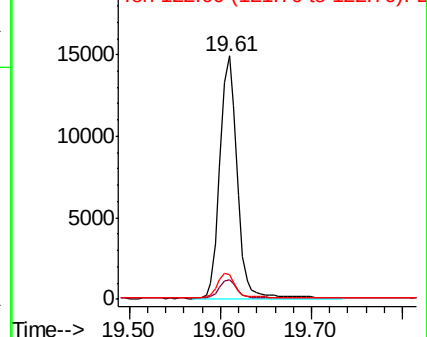
122 9.9 7.8 11.8



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: 0.063 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BN010627.D

Acq: 28 Apr 2020 17:00

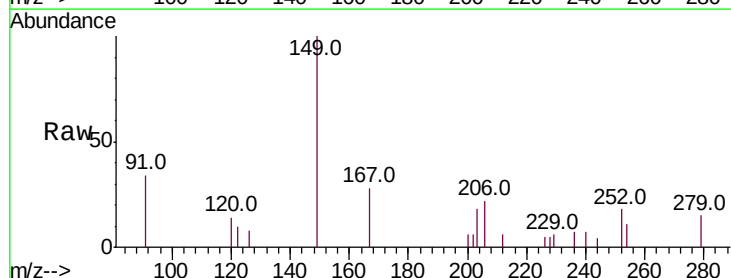
Tgt Ion:149 Resp: 1846

Ion Ratio Lower Upper

149 100

167 26.1 23.4 35.0

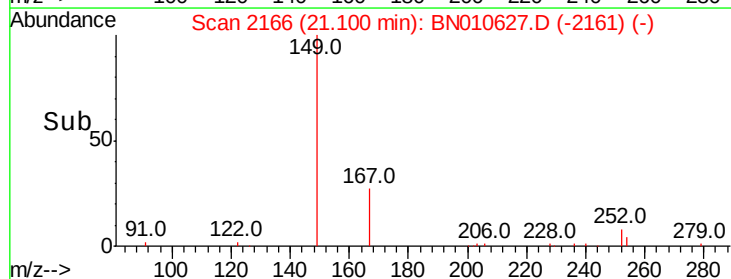
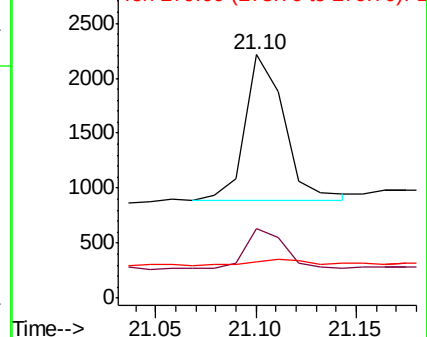
279 5.3 4.0 6.0

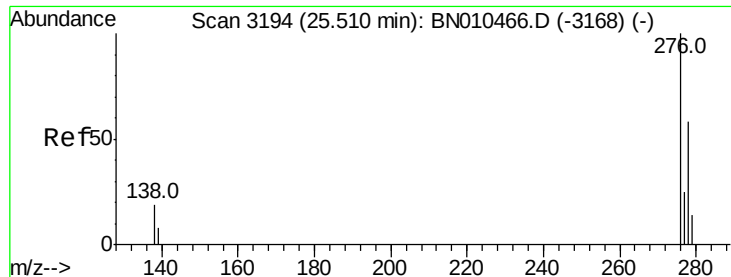


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.020 ng

RT: 25.48 min Scan# 3187

Delta R.T. 0.01 min

Lab File: BN010627.D

Acq: 28 Apr 2020 17:00

Instrument :

BNA_N

ClientSampleId :

KY038PS038-200420

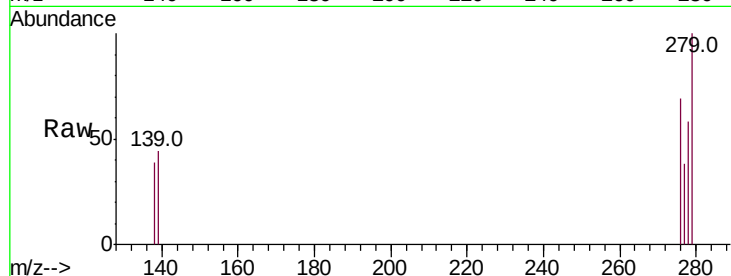
Tot Ion:276 Resp: 1024

Ion Ratio Lower Upper

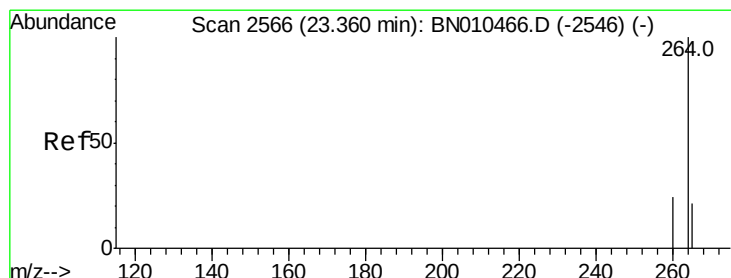
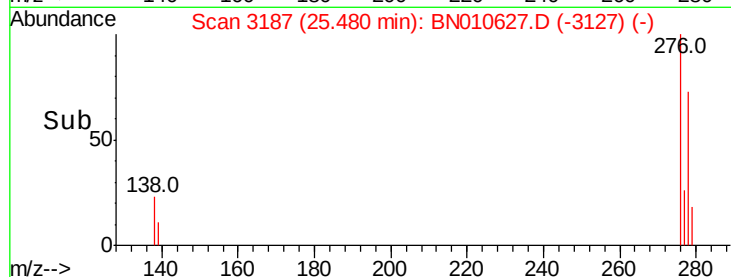
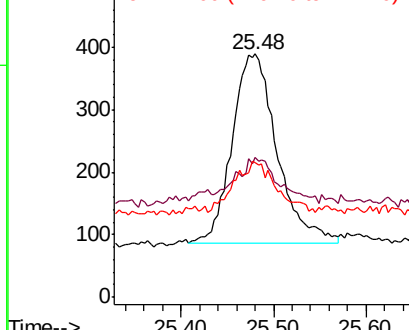
276 100

138 23.5 16.4 24.6

277 26.6 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.33 min Scan# 2560

Delta R.T. -0.00 min

Lab File: BN010627.D

Acq: 28 Apr 2020 17:00

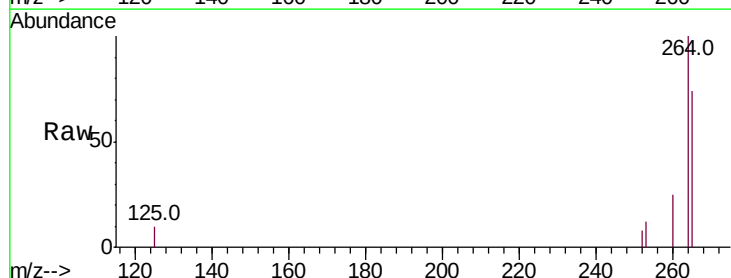
Tgt Ion:264 Resp: 15996

Ion Ratio Lower Upper

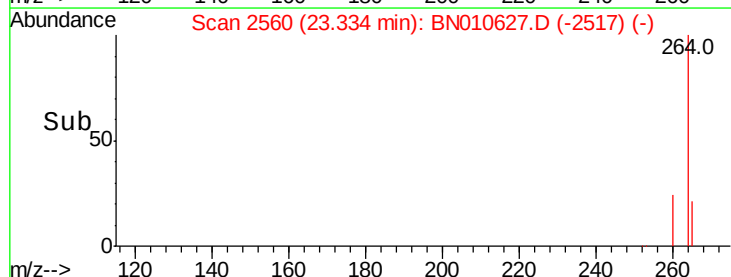
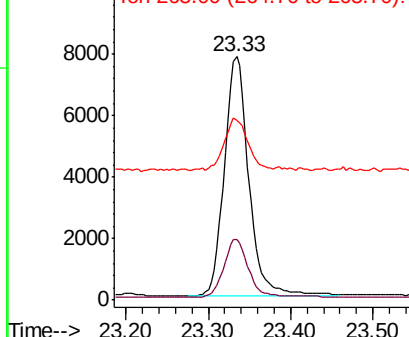
264 100

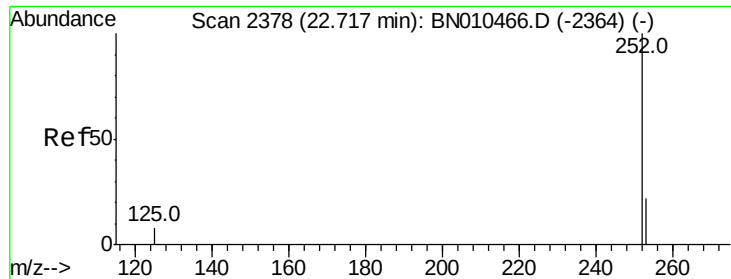
260 25.0 19.8 29.8

265 74.0 42.3 63.5#



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.020 ng

RT: 22.69 min Scan# 2373

Delta R.T. 0.00 min

Lab File: BN010627.D

Acq: 28 Apr 2020 17:00

Instrument :

BNA_N

ClientSampleId :

KY038PS038-200420

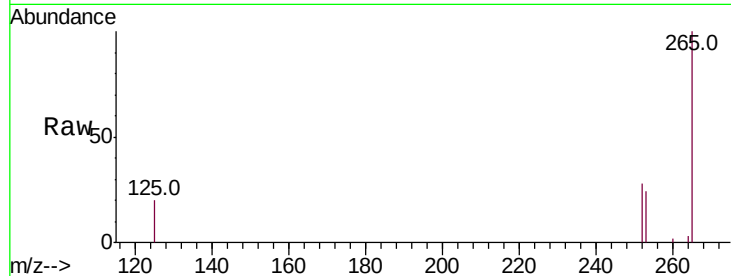
Tot Ion:252 Resp: 1070

Ion Ratio Lower Upper

252 100

253 87.6 20.2 30.4#

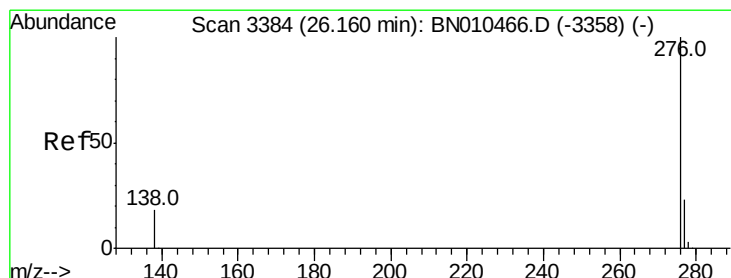
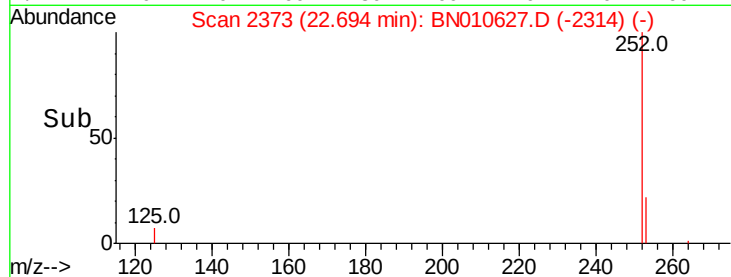
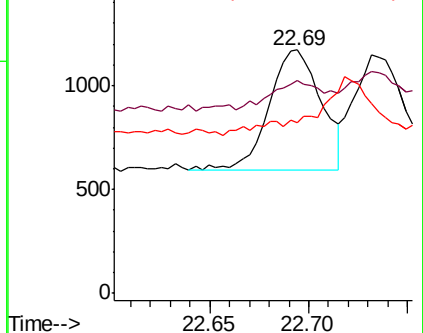
125 70.1 9.2 13.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#39

Benzo(g,h,i)perylene

Concen: 0.021 ng

RT: 26.12 min Scan# 3374

Delta R.T. 0.00 min

Lab File: BN010627.D

Acq: 28 Apr 2020 17:00

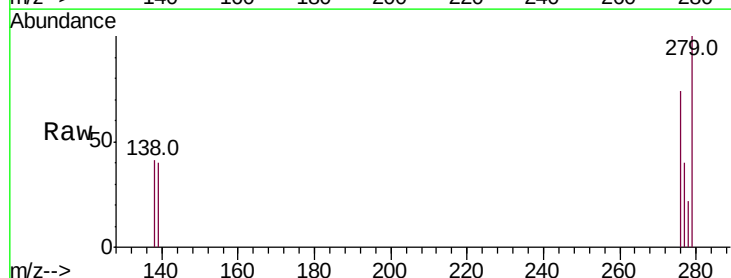
Tgt Ion:276 Resp: 913

Ion Ratio Lower Upper

276 100

277 54.1 20.2 30.2#

138 56.0 15.4 23.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

