

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072320\
 Data File : BN011228.D
 Acq On : 22 Jul 2020 21:25
 Operator : CG/JU
 Sample : L3371-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-200720

Quant Time: Jul 23 03:57:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 19:29:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	1571	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	5737	0.40	ng	0.00
13) Acenaphthene-d10	14.12	164	3724	0.40	ng	0.00
19) Phenanthrene-d10	16.87	188	8426	0.40	ng	0.00
29) Chrysene-d12	21.09	240	7044	0.40	ng	-0.01
36) Perylene-d12	23.22	264	6263	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.15	112	604	0.16	ng	0.00
5) Phenol-d6	6.69	99	405	0.09	ng	0.00
8) Nitrobenzene-d5	8.63	82	2236	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	11.83	152	3211	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.63	330	617	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.73	172	8017	0.46	ng	0.00
27) Fluoranthene-d10	18.91	212	9045	0.34	ng	0.00
31) Terphenyl-d14	19.53	244	10674	0.58	ng	0.00

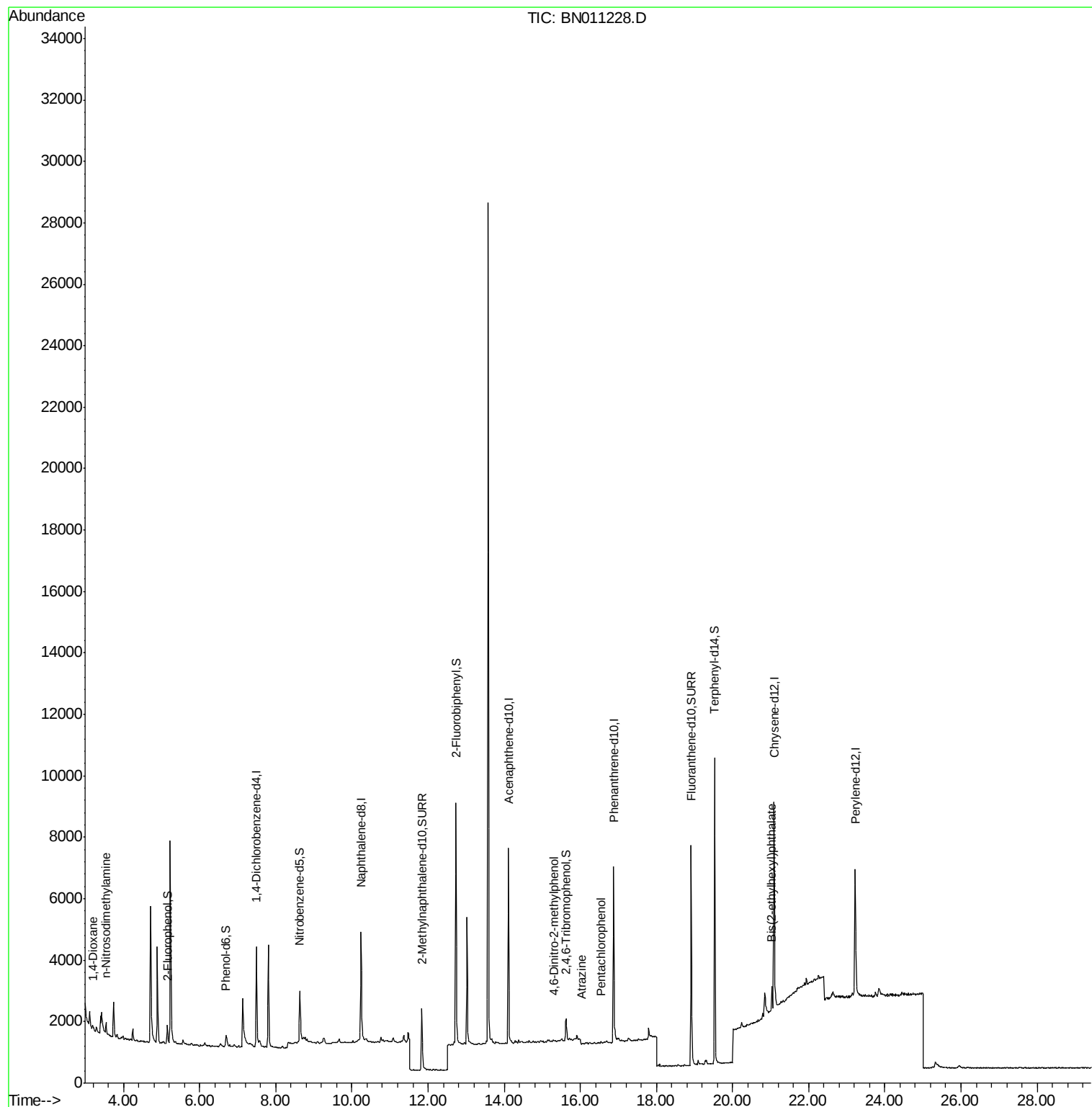
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.19	88	136	0.061	ng	# 1
3) n-Nitrosodimethylamine	3.54	42	96	0.085	ng	# 1
20) 4,6-Dinitro-2-methylphenol	15.30	198	7	0.138	ng	# 1
23) Atrazine	16.03	200	108	0.027	ng	# 1
24) Pentachlorophenol	16.54	266	52	0.026	ng	# 79
34) Bis(2-ethylhexyl)phthalate	21.02	149	833	0.089	ng	# 95
35) Indeno(1,2,3-cd)pyrene	25.33	276	255	Below Cal		# 68

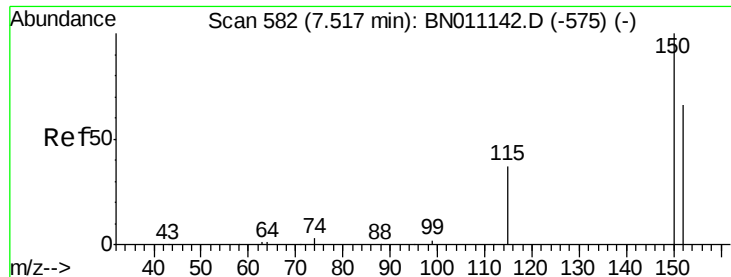
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.49 min Scan# 560

Delta R.T. 0.00 min

Lab File: BN011228.D

Acq: 22 Jul 2020 21:25

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BNA_N

ClientSampleId :

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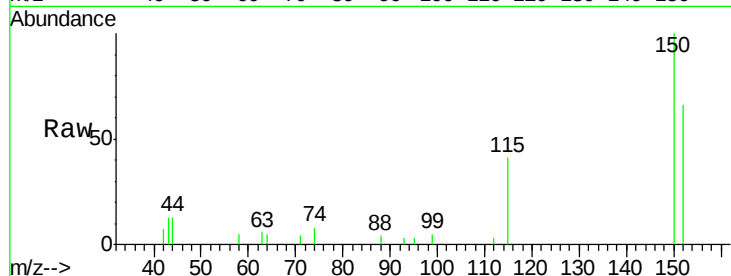
Tot Ion:152 Resp: 1571

Ion Ratio Lower Upper

152 100

150 151.2 119.4 179.0

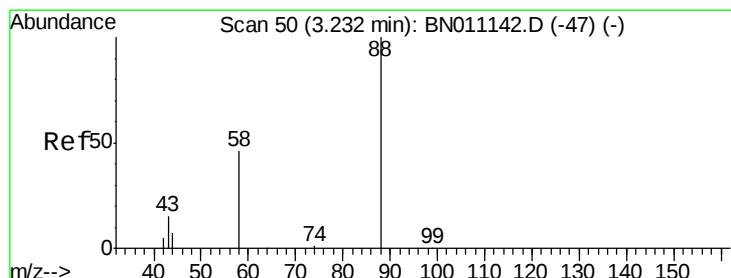
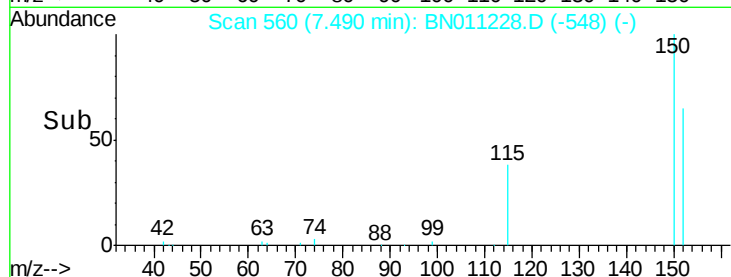
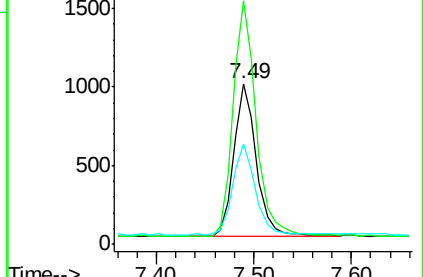
115 62.2 48.3 72.5



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



#2

1,4-Dioxane

Concen: 0.061 ng

RT: 3.19 min Scan# 26

Delta R.T. 0.00 min

Lab File: BN011228.D

Acq: 22 Jul 2020 21:25

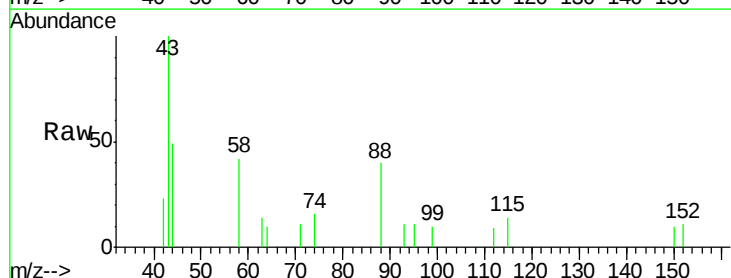
Tgt Ion: 88 Resp: 136

Ion Ratio Lower Upper

88 100

58 92.6 36.5 54.7#

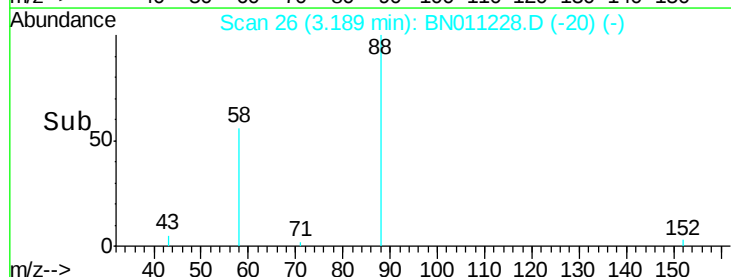
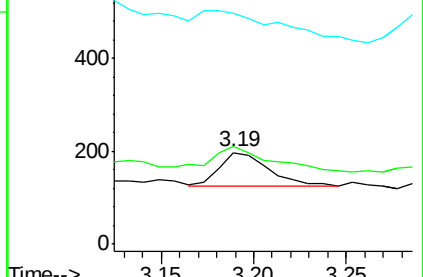
43 127.9 14.3 21.5#

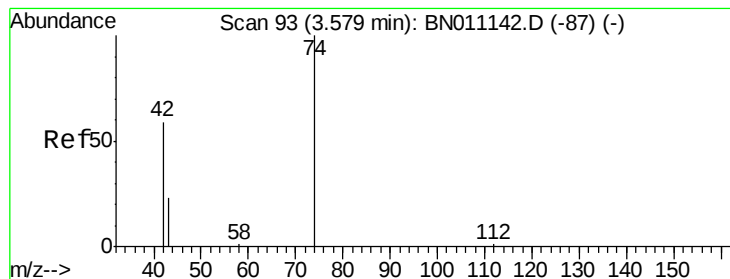


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.085 ng

RT: 3.54 min Scan# 69

Delta R.T. 0.01 min

Lab File: BN011228.D

Acq: 22 Jul 2020 21:25

Instrument :

BNA_N

ClientSampleId :

KY038PS027-200720

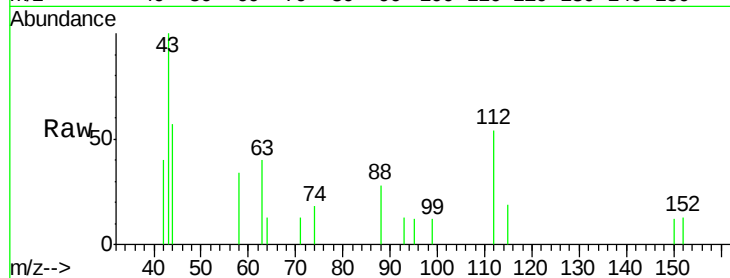
Tot Ion: 42 Resp: 96

Ion Ratio Lower Upper

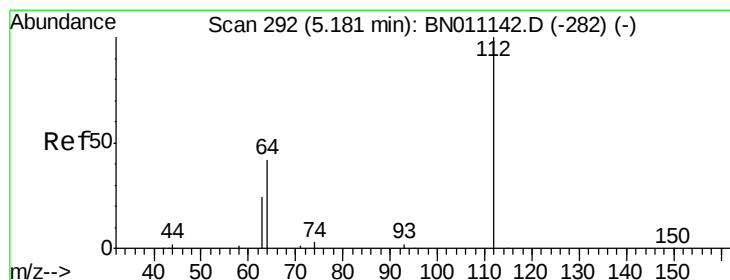
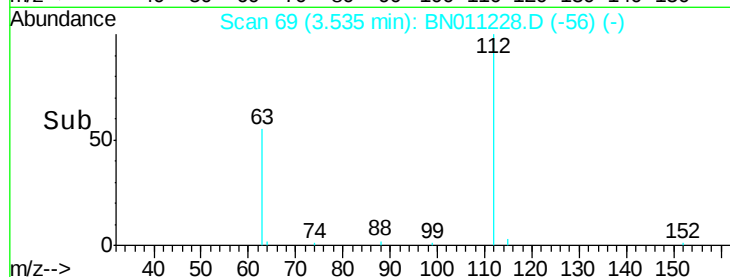
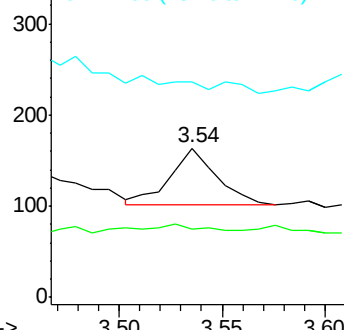
42 100

74 22.9 140.9 211.3#

44 0.0 7.6 11.4#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.156 ng

RT: 5.15 min Scan# 270

Delta R.T. 0.01 min

Lab File: BN011228.D

Acq: 22 Jul 2020 21:25

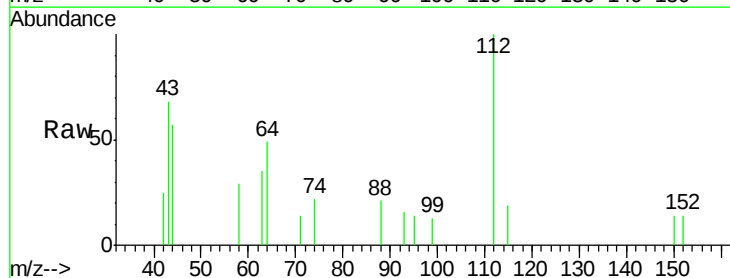
Tgt Ion: 112 Resp: 604

Ion Ratio Lower Upper

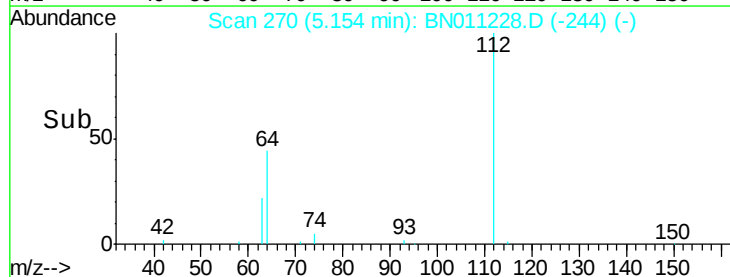
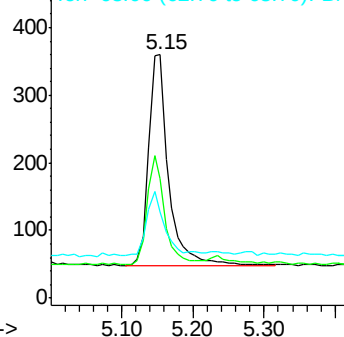
112 100

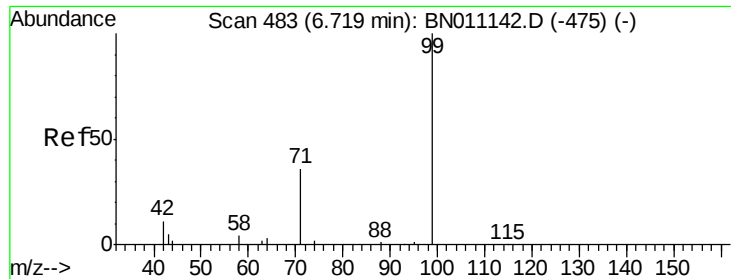
64 45.5 36.7 55.1

63 28.0 20.4 30.6



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: 6.69 min Scan# 461

Delta R.T. 0.00 min

Lab File: BN011228.D

Acq: 22 Jul 2020 21:25

Instrument :

BNA_N

ClientSampleId :

KY038PS027-200720

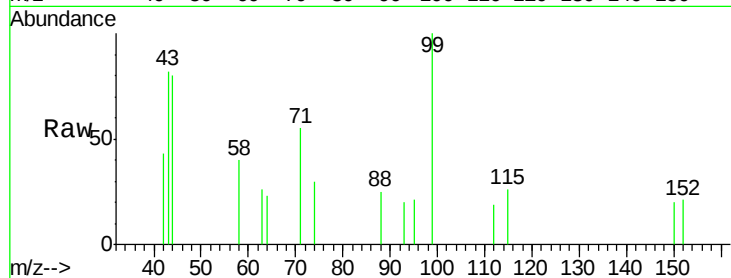
Tot Ion: 99 Resp: 405

Ion Ratio Lower Upper

99 100

42 17.3 10.8 16.2#

71 47.7 31.3 46.9#



Abundance Ion 99.00 (98.70 to 99.70): BN011142.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011142.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011142.D (-475) (-)

6.69

300

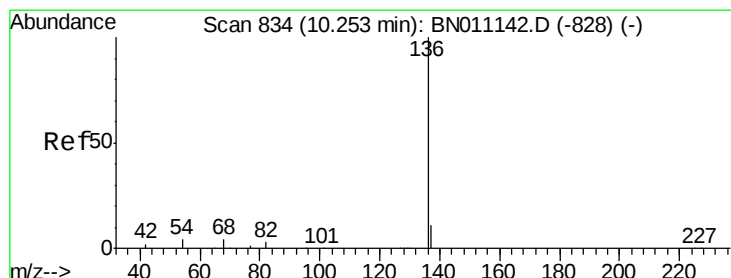
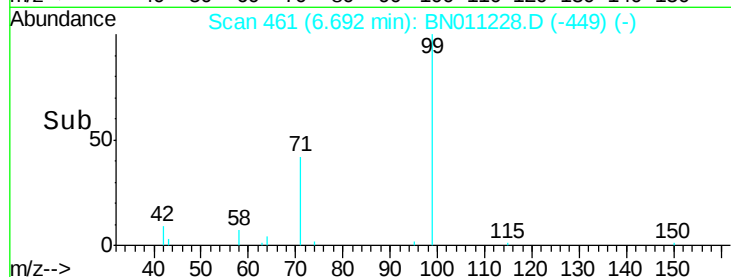
200

100

0

6.65 6.70 6.75 6.80

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.24 min Scan# 814

Delta R.T. 0.00 min

Lab File: BN011228.D

Acq: 22 Jul 2020 21:25

Tgt Ion: 136 Resp: 5737

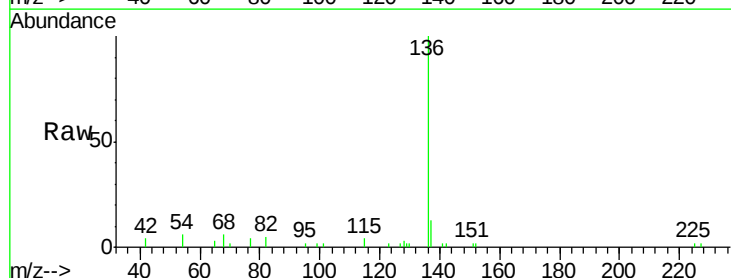
Ion Ratio Lower Upper

136 100

137 12.7 10.3 15.5

54 6.0 4.9 7.3

68 6.2 4.9 7.3



Abundance Ion 136.00 (135.70 to 136.70): BN011142.D (-828) (-)

Ion 137.00 (136.70 to 137.70): BN011142.D (-828) (-)

Ion 54.00 (53.70 to 54.70): BN011142.D (-828) (-)

Ion 68.00 (67.70 to 68.70): BN011142.D (-828) (-)

10.24

4000

3000

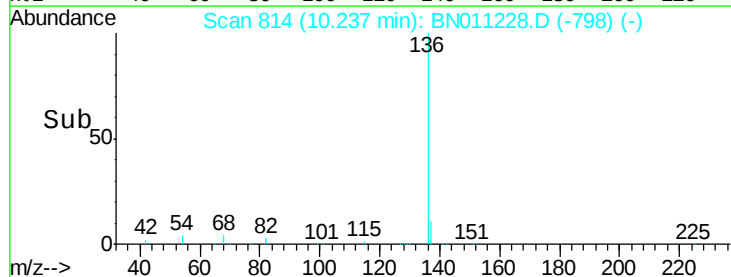
2000

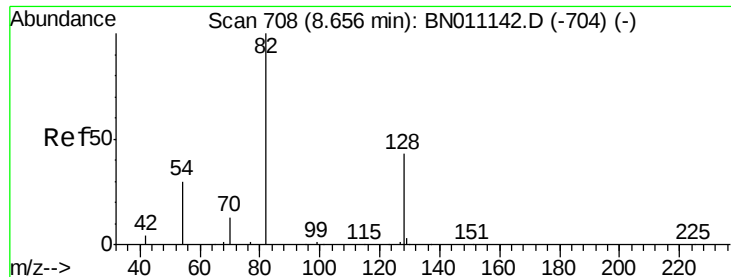
1000

0

10.20 10.40

Time-->

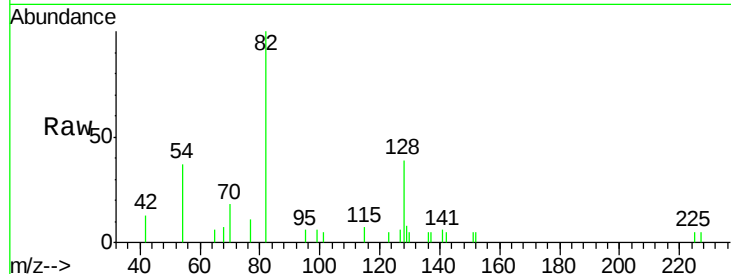




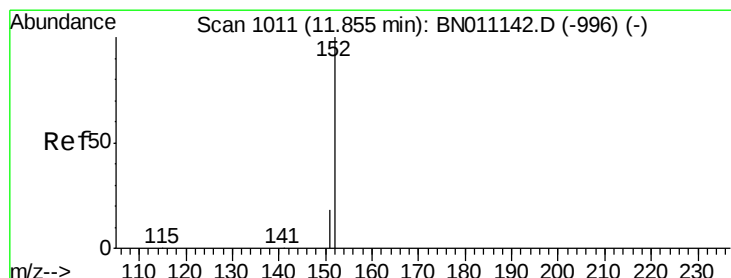
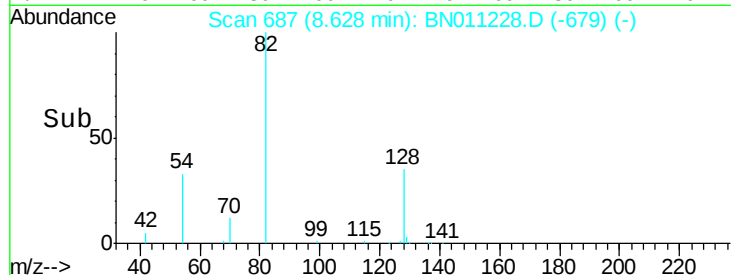
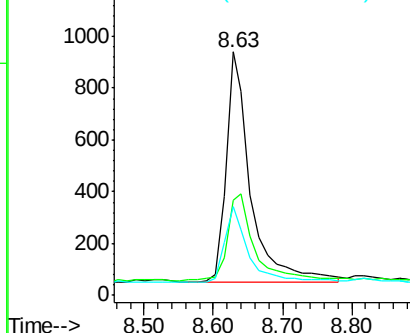
#8
 Nitrobenzene-d5
 Concen: 0.440 ng
 RT: 8.63 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: BN011228.D
 Acq: 22 Jul 2020 21:25

Instrument :
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Tot Ion	82	Resp	2236
Ion Ratio	Lower	Upper	
82	100		
128	39.0	38.1	57.1
54	36.7	27.1	40.7

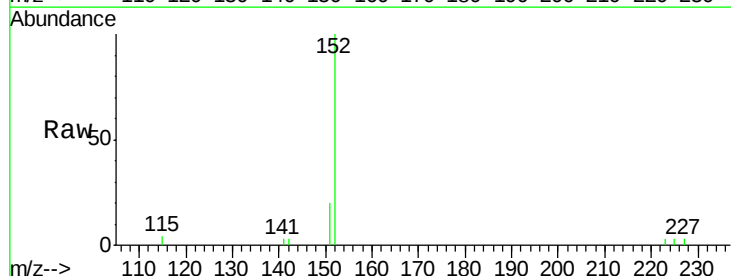


Abundance Ion 82.00 (81.70 to 82.70): BN011142.D (-704) (-)
 Ion 128.00 (127.70 to 128.70): BN011142.D (-704) (-)
 Ion 54.00 (53.70 to 54.70): BN011142.D (-704) (-)

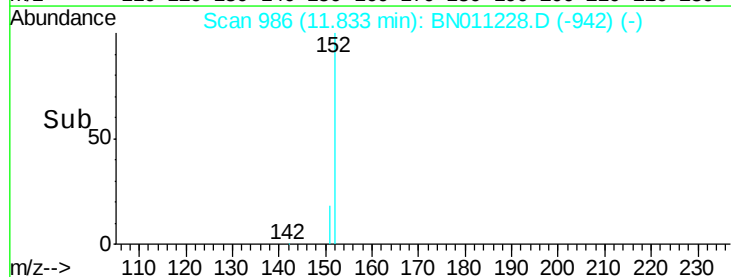
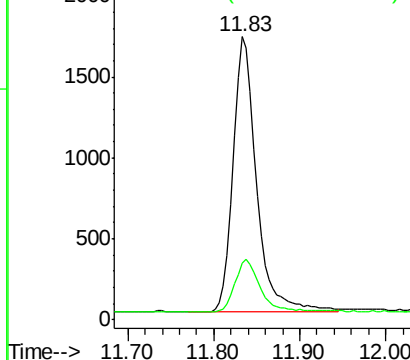


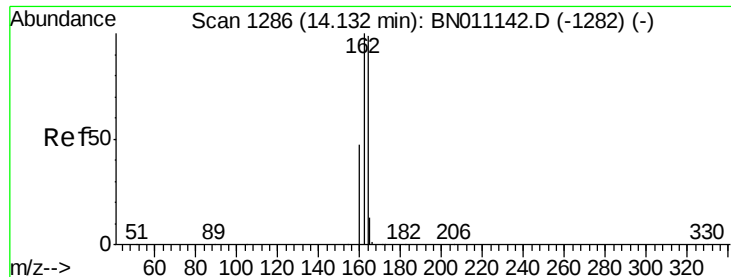
#11
 2-Methylnaphthalene-d10
 Concen: 0.345 ng
 RT: 11.83 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BN011228.D
 Acq: 22 Jul 2020 21:25

Tgt Ion	152	Resp	3211
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.5	24.7



Abundance Ion 152.00 (151.70 to 152.70): BN011142.D (-996) (-)
 Ion 151.00 (150.70 to 151.70): BN011142.D (-996) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.12 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BN011228.D

Acq: 22 Jul 2020 21:25

Instrument :

BNA_N

ClientSampleId :

KY038PS027-200720

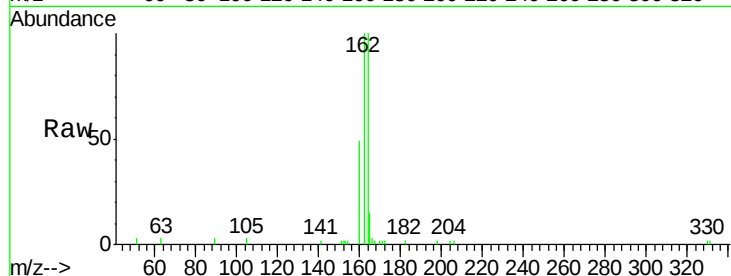
Tot Ion:164 Resp: 3724

Ion Ratio Lower Upper

164 100

162 100.4 81.0 121.4

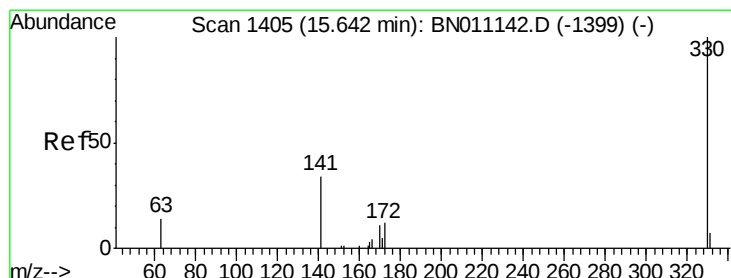
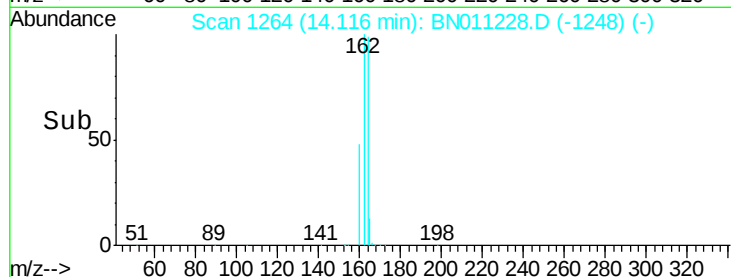
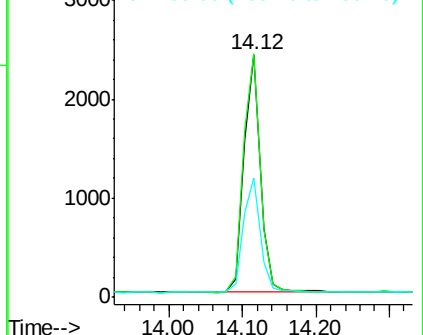
160 49.3 39.0 58.6



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: 0.373 ng

RT: 15.63 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BN011228.D

Acq: 22 Jul 2020 21:25

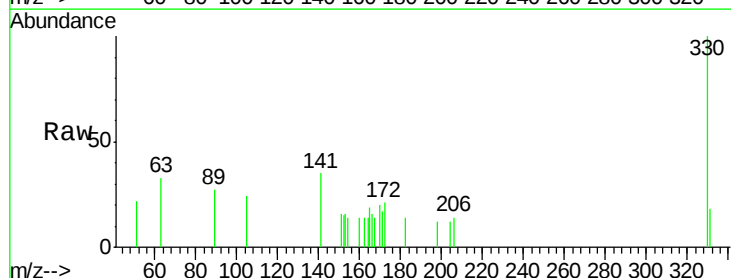
Tgt Ion:330 Resp: 617

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

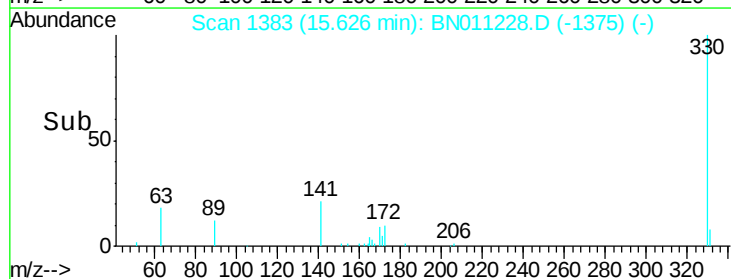
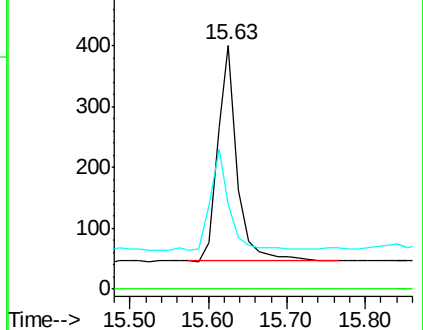
141 47.5 31.5 47.3#

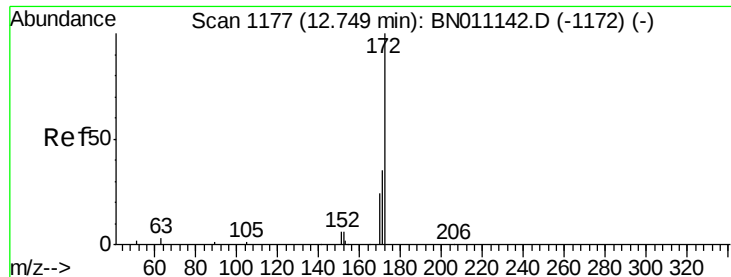


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

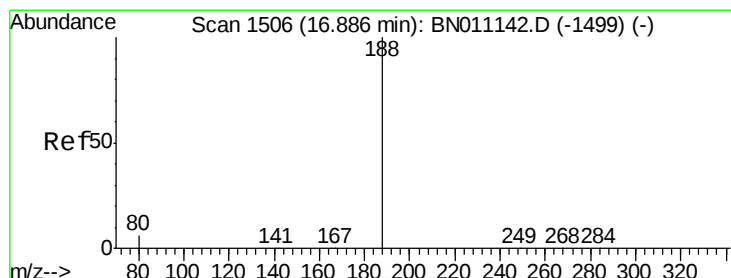
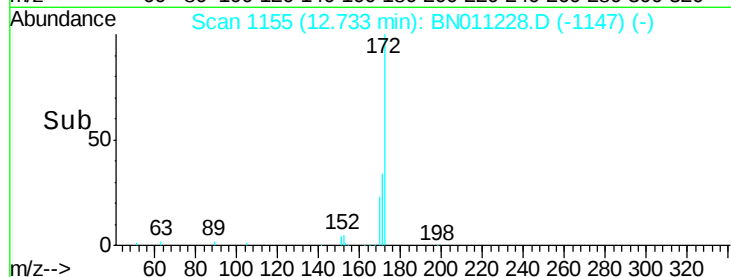
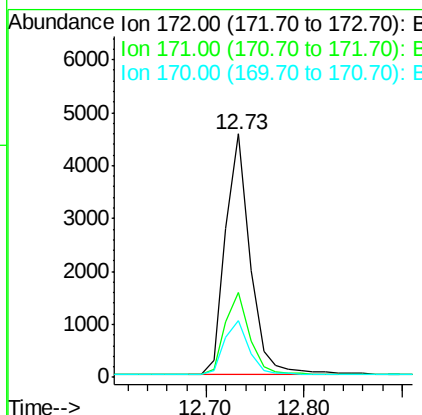
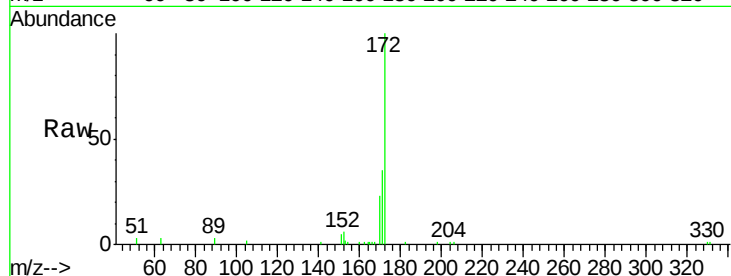




#15
2-Fluorobiphenyl
Concen: 0.460 ng
RT: 12.73 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BN011228.D
Acq: 22 Jul 2020 21:25

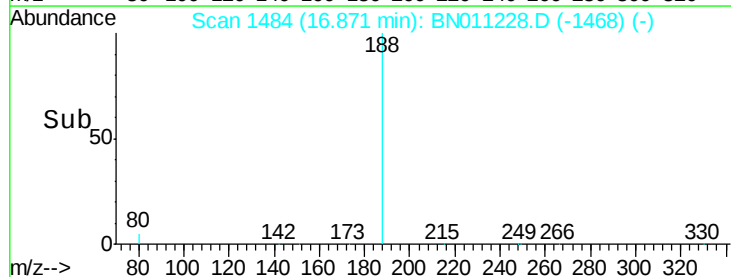
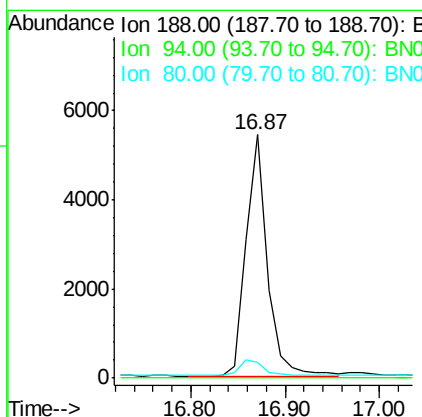
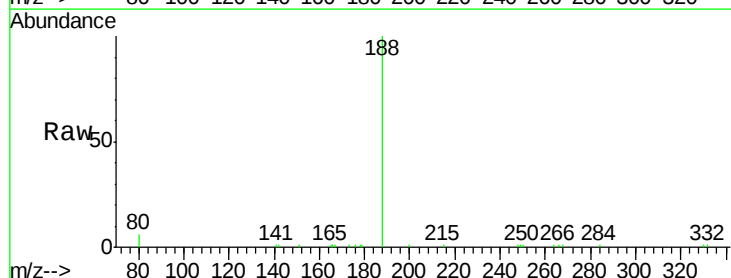
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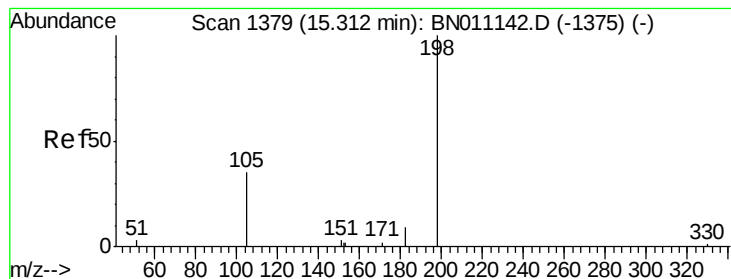
Tot Ion:172 Resp: 8017
Ion Ratio Lower Upper
172 100
171 35.0 29.0 43.6
170 23.5 20.3 30.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.87 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BN011228.D
Acq: 22 Jul 2020 21:25

Tgt Ion:188 Resp: 8426
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.4 6.3 9.5





#20

4,6-Dinitro-2-methylphenol

Concen: 0.138 ng

RT: 15.30 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BN011228.D

Acq: 22 Jul 2020 21:25

Instrument :

BNA_N

ClientSampleId :

KY038PS027-200720

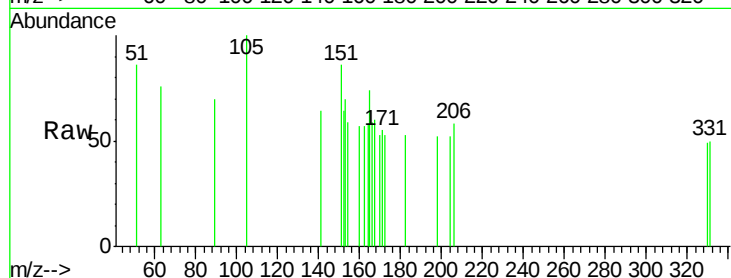
Tot Ion:198 Resp: 7

Ion Ratio Lower Upper

198 100

51 164.6 53.1 79.7#

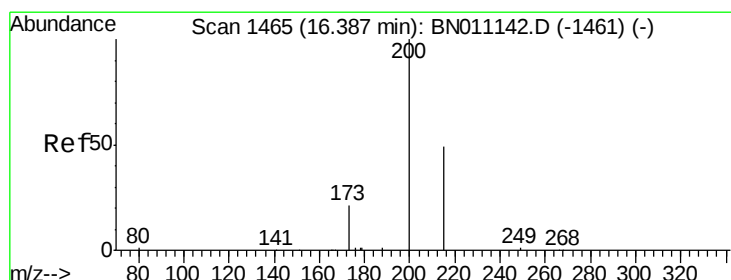
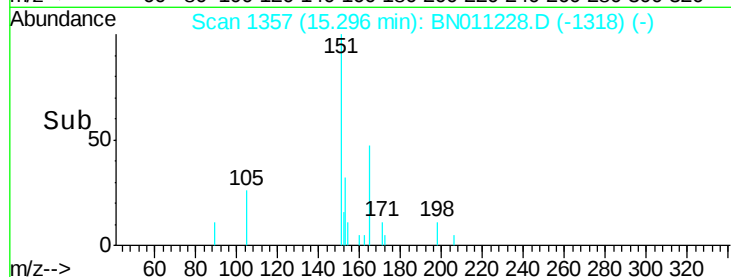
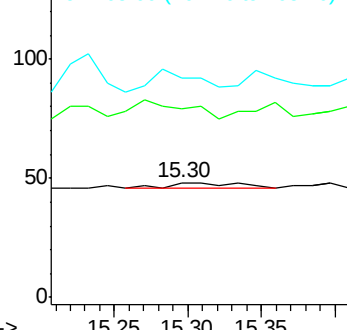
105 191.7 51.9 77.9#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E



#23

Atrazine

Concen: 0.027 ng

RT: 16.03 min Scan# 1415

Delta R.T. -0.34 min

Lab File: BN011228.D

Acq: 22 Jul 2020 21:25

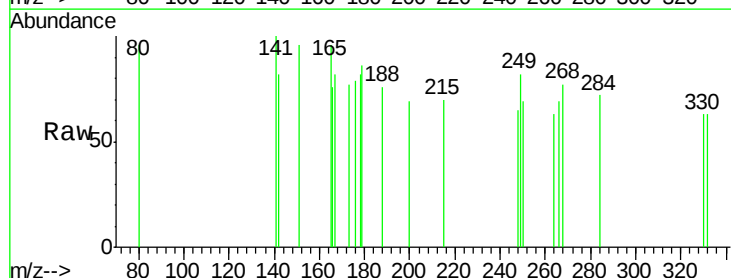
Tgt Ion:200 Resp: 108

Ion Ratio Lower Upper

200 100

173 112.2 23.0 34.4#

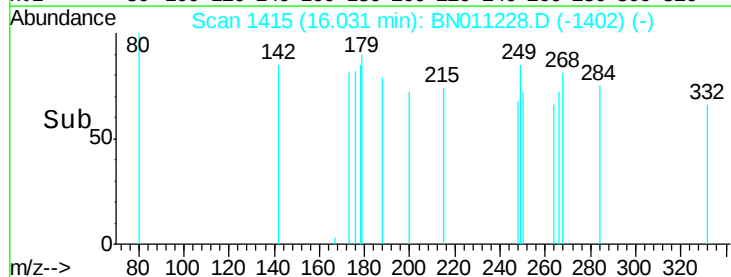
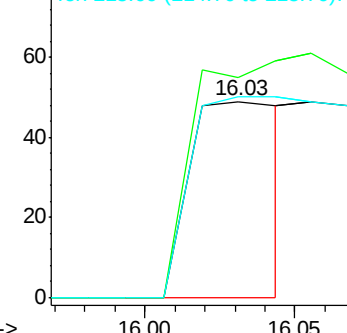
215 102.0 42.6 63.8#

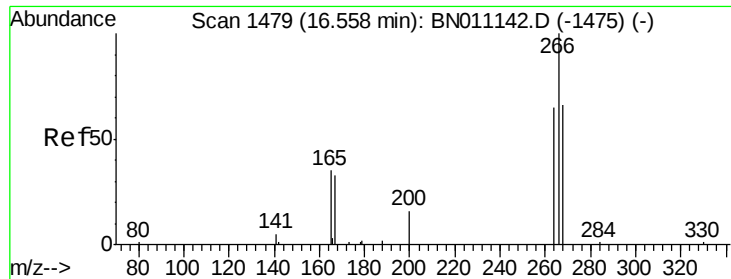


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#24

Pentachlorophenol

Concen: 0.026 ng

RT: 16.54 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BN011228.D

Acq: 22 Jul 2020 21:25

Instrument :

BNA_N

ClientSampleId :

KY038PS027-200720

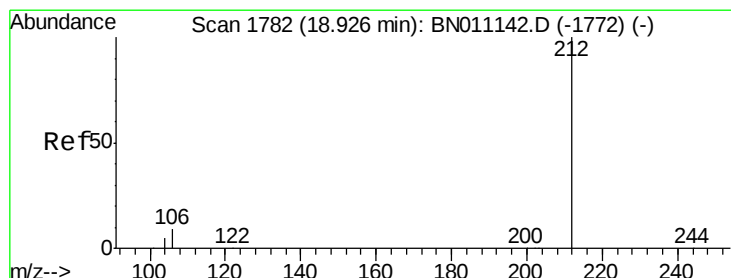
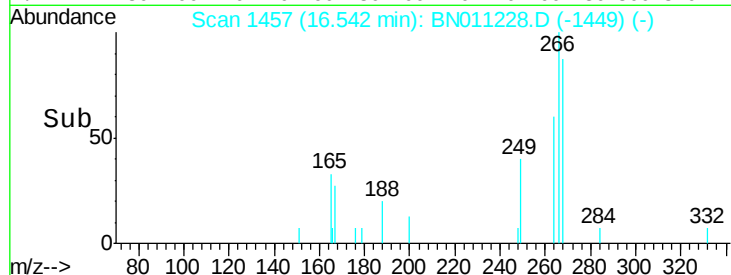
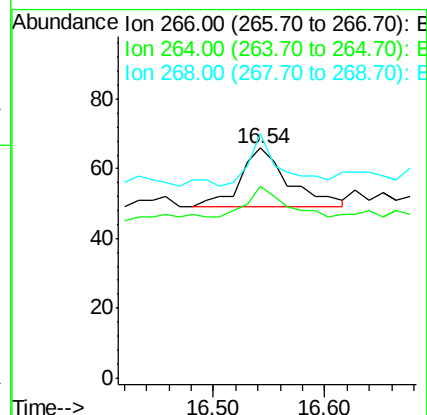
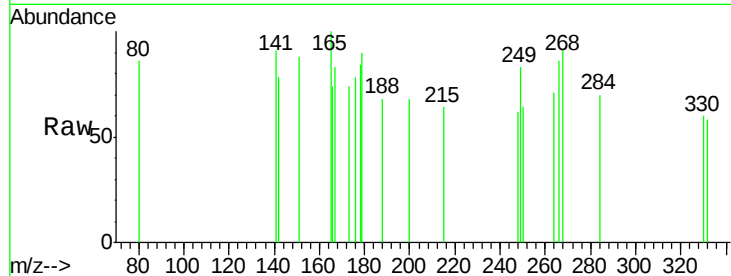
Tot Ion:266 Resp: 52

Ion Ratio Lower Upper

266 100

264 38.5 52.5 78.7#

268 55.8 48.9 73.3



#27

Fluoranthene-d10

Concen: 0.341 ng

RT: 18.91 min Scan# 1759

Delta R.T. -0.00 min

Lab File: BN011228.D

Acq: 22 Jul 2020 21:25

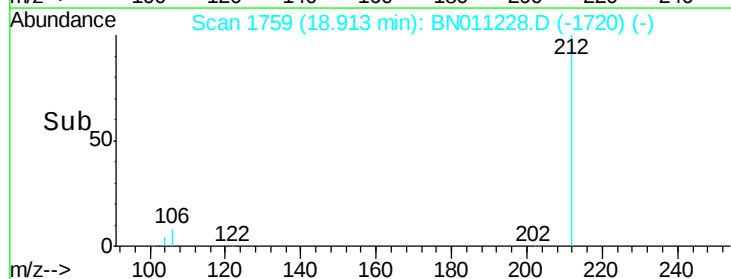
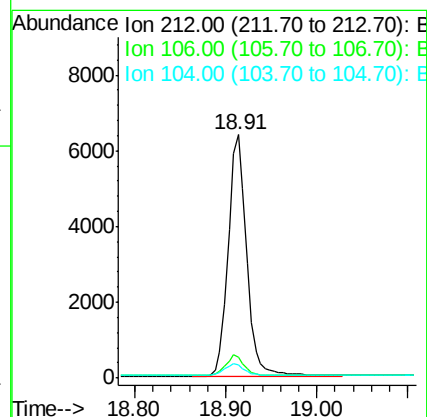
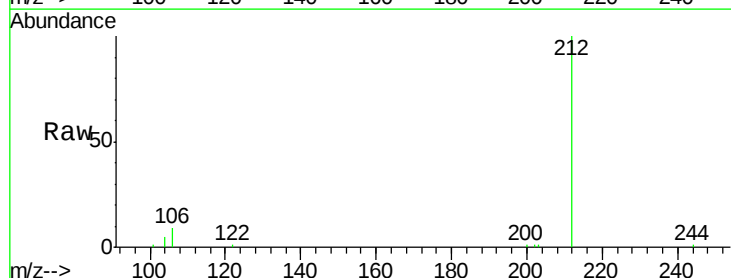
Tgt Ion:212 Resp: 9045

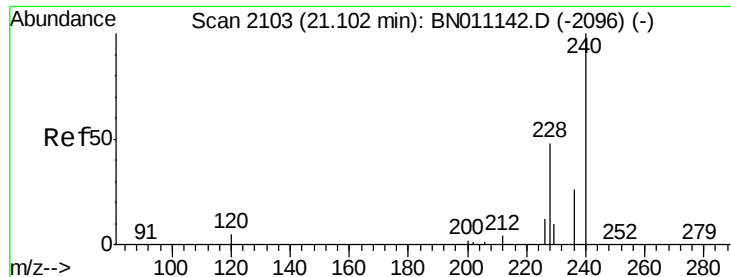
Ion Ratio Lower Upper

212 100

106 8.0 7.0 10.6

104 5.0 4.2 6.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.09 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BN011228.D

Acq: 22 Jul 2020 21:25

Instrument :

BNA_N

ClientSampleId :

KY038PS027-200720

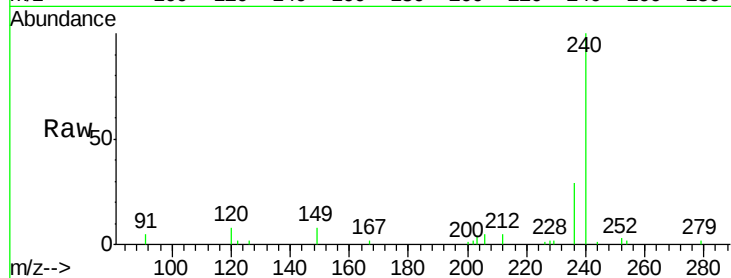
Tot Ion:240 Resp: 7044

Ion Ratio Lower Upper

240 100

120 7.6 6.5 9.7

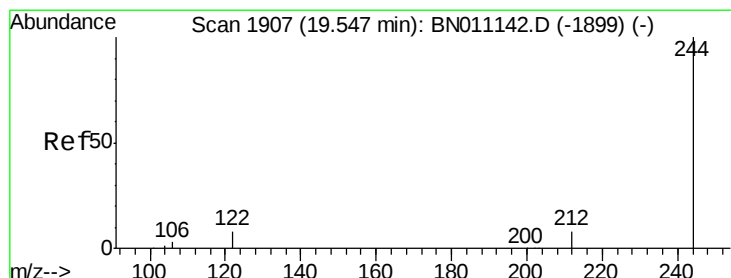
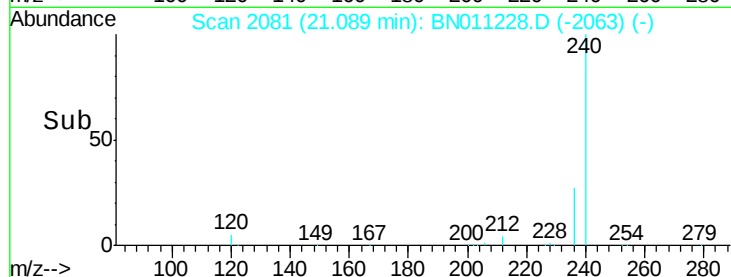
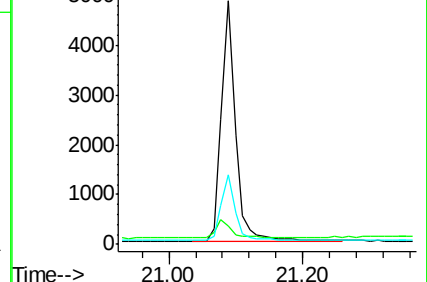
236 28.5 21.9 32.9



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



#31

Terphenyl-d14

Concen: 0.582 ng

RT: 19.53 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BN011228.D

Acq: 22 Jul 2020 21:25

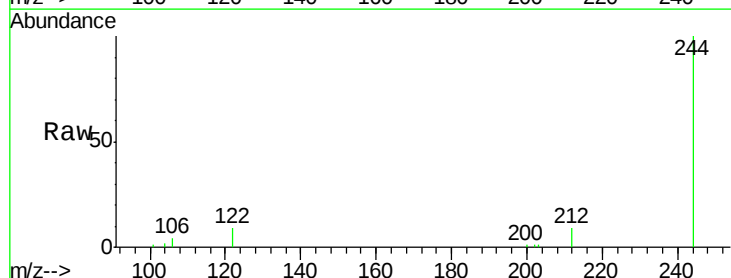
Tgt Ion:244 Resp: 10674

Ion Ratio Lower Upper

244 100

212 9.3 7.8 11.6

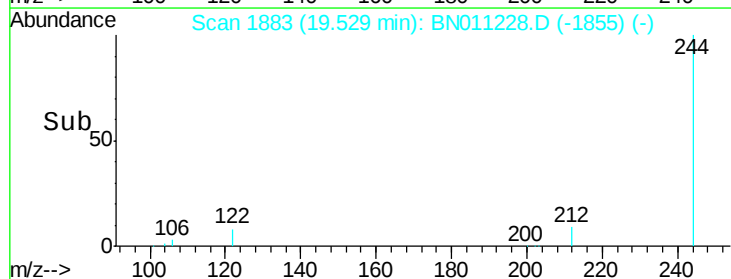
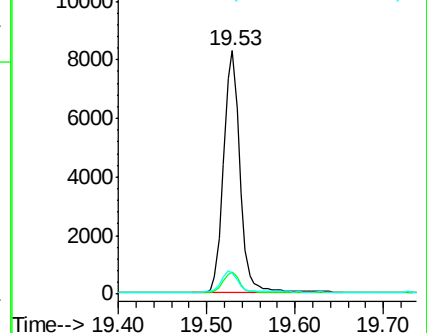
122 8.6 7.4 11.0

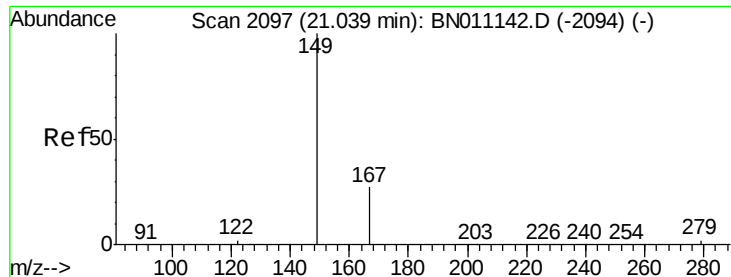


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

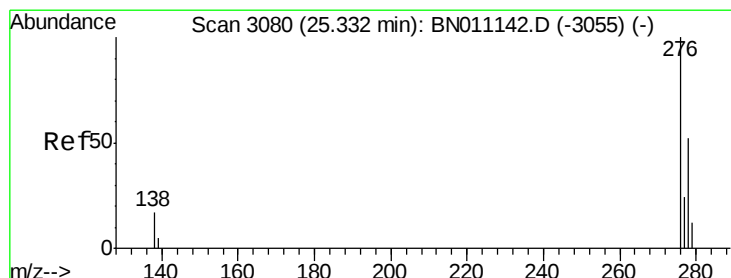
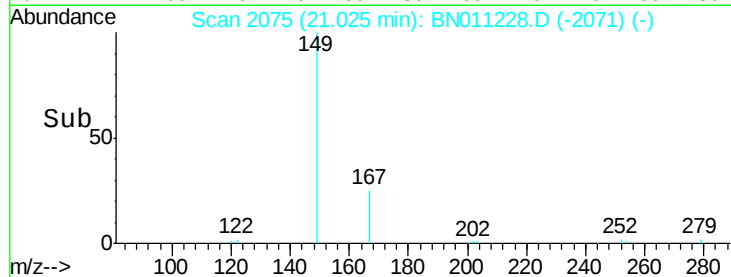
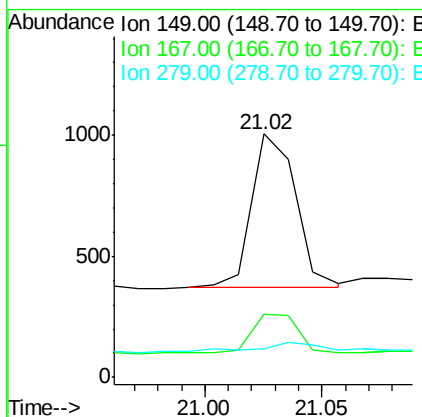
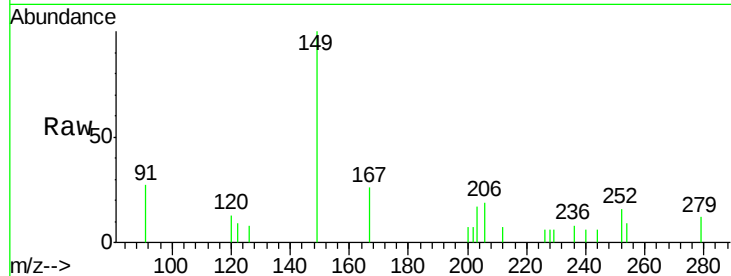




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.089 ng
 RT: 21.02 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BN011228.D
 Acq: 22 Jul 2020 21:25

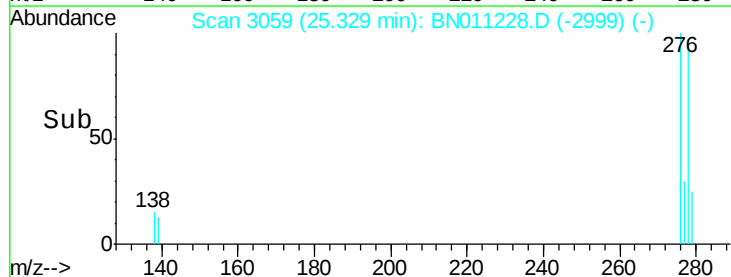
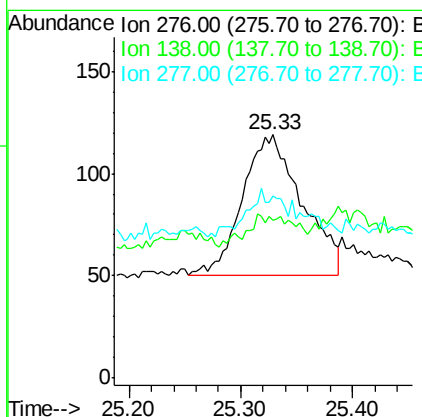
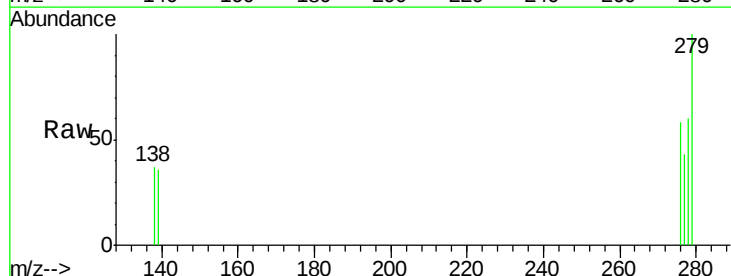
Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-200720

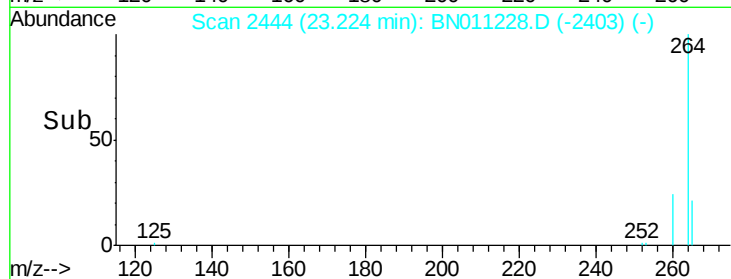
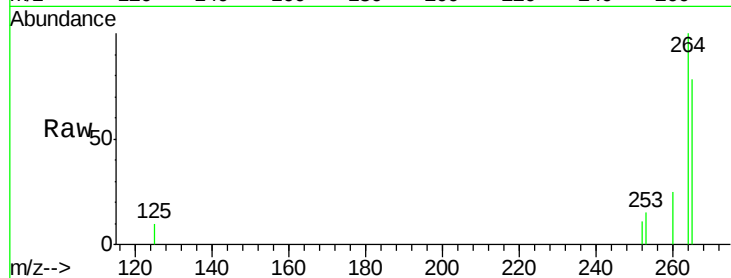
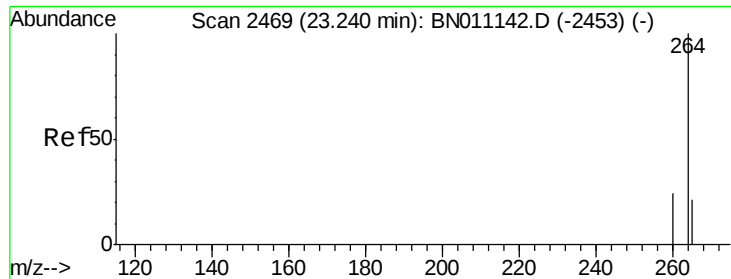
Tot Ion:149 Resp: 833
 Ion Ratio Lower Upper
 149 100
 167 26.8 23.4 35.0
 279 7.1 4.5 6.7#



#35
 Indeno(1,2,3-cd)pyrene
 Concen: Below Cal
 RT: 25.33 min Scan# 3059
 Delta R.T. 0.01 min
 Lab File: BN011228.D
 Acq: 22 Jul 2020 21:25

Tgt Ion:276 Resp: 255
 Ion Ratio Lower Upper
 276 100
 138 3.5 13.0 19.6#
 277 7.8 19.7 29.5#





#36

Pervlene-d12

Concen: 0.400 ng

RT: 23.22 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BN011228.D

Acq: 22 Jul 2020 21:25

Instrument :

BNA_N

ClientSampleId :

KY038PS027-200720

Tot Ion: 264 Resp: 6263

Ion Ratio Lower Upper

264 100

260 25.2 20.1 30.1

265 78.0 76.6 115.0

