

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061920\
 Data File : BN010966.D
 Acq On : 19 Jun 2020 12:49
 Operator : CG/JU
 Sample : PB129600BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129600BL

Quant Time: Jun 19 13:24:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 12:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2692	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	8530	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	4010	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	9255	0.40	ng	0.01
27) Chrysene-d12	21.12	240	5634	0.40	ng	0.00
34) Perylene-d12	23.26	264	387	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	2426	0.47	ng	0.00
5) Phenol-d6	6.73	99	2490	0.41	ng	0.00
8) Nitrobenzene-d5	8.67	82	2859	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	4868	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	645	0.45	ng	0.01
15) 2-Fluorobiphenyl	12.78	172	8559	0.54	ng	0.00
25) Fluoranthene-d10	18.95	212	8414	0.33	ng	0.00
29) Terphenyl-d14	19.56	244	9649	0.73	ng	0.00

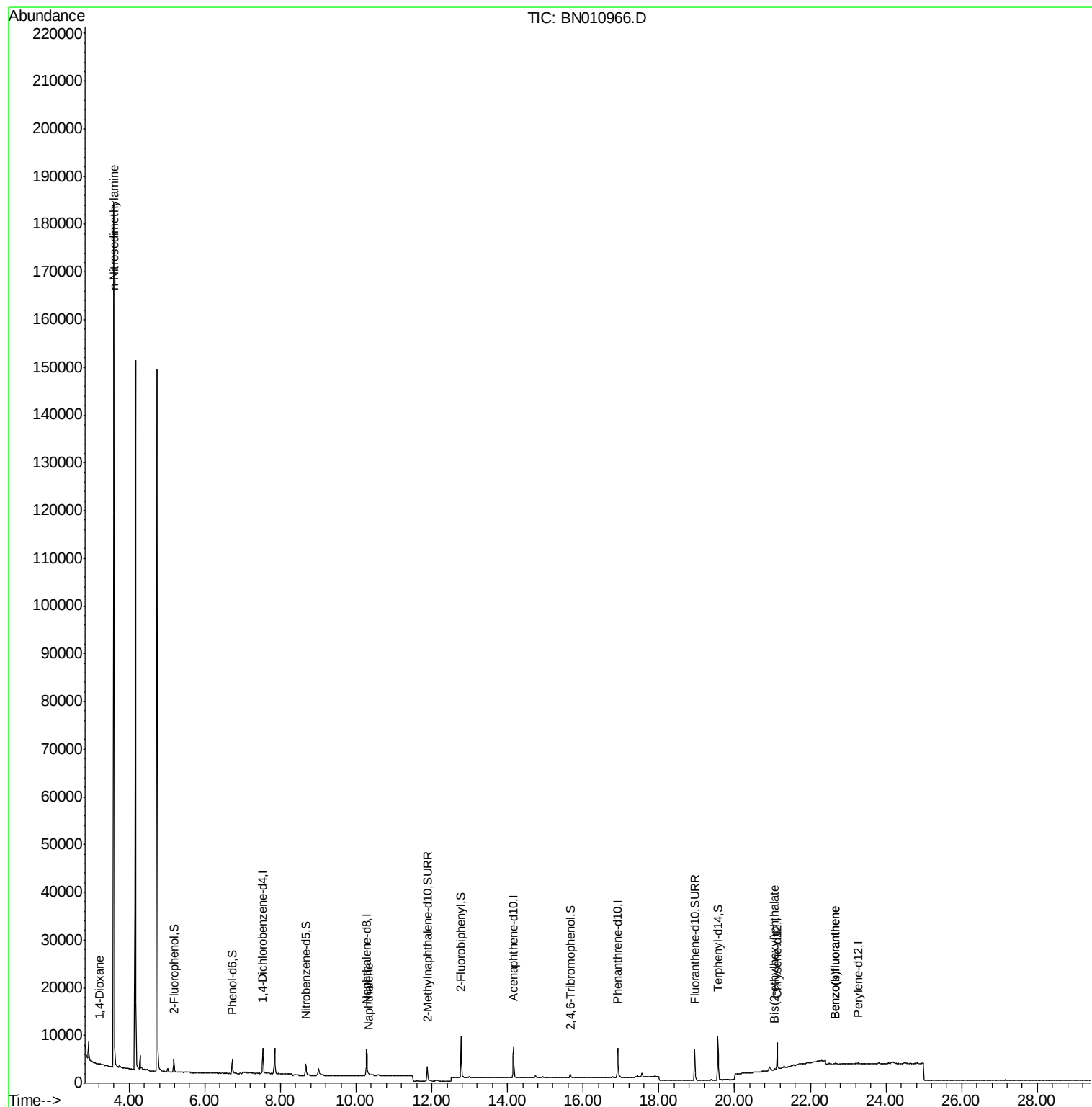
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	83	0.031	ng	# 11
3) n-Nitrosodimethylamine	3.59	42	7095	4.629	ng	# 1
9) Naphthalene	10.33	128	856	0.040	ng	# 54
32) Bis(2-ethylhexyl)phthalate	21.06	149	352	0.064	ng	93
35) Benzo(b)fluoranthene	22.64	252	68	0.052	ng	# 1
36) Benzo(k)fluoranthene	22.64	252	68	0.049	ng	# 1

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

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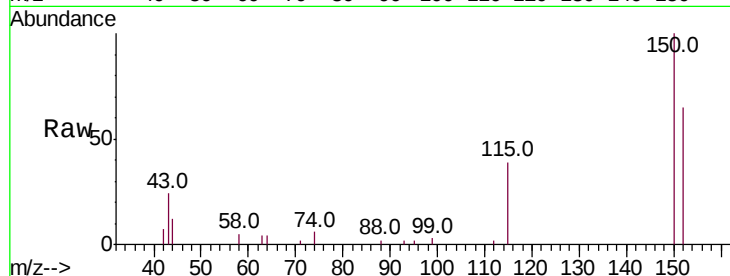


#1

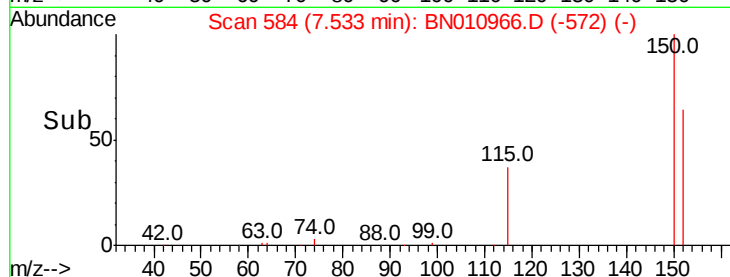
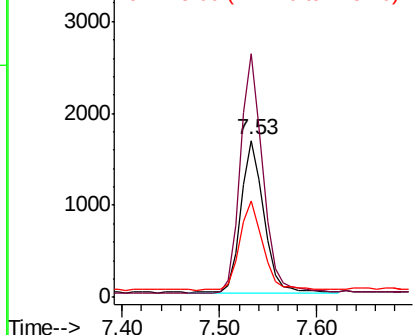
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.53 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: BN010966.D
 Acq: 19 Jun 2020 12:49

Instrument :
 BNA_N
 ClientSampleId :
 PB129600BL

Tot Ion:152 Resp: 2692
 Ion Ratio Lower Upper
 152 100
 150 154.9 123.8 185.6
 115 61.0 49.2 73.8



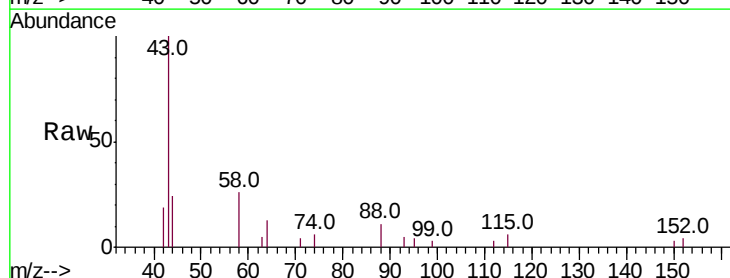
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



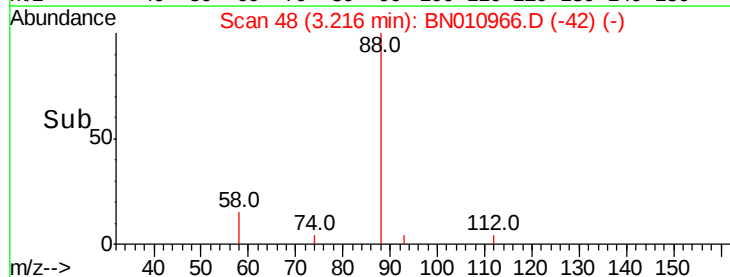
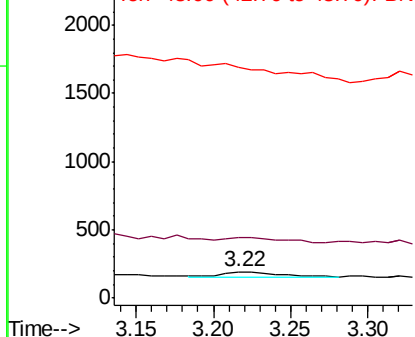
#2

1,4-Dioxane
 Concen: 0.031 ng
 RT: 3.22 min Scan# 48
 Delta R.T. -0.00 min
 Lab File: BN010966.D
 Acq: 19 Jun 2020 12:49

Tgt Ion: 88 Resp: 83
 Ion Ratio Lower Upper
 88 100
 58 120.5 38.2 57.4#
 43 0.0 15.1 22.7#



Abundance Ion 88.00 (87.70 to 88.70): BNC
 Ion 58.00 (57.70 to 58.70): BNC
 Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 4.629 ng

RT: 3.59 min Scan# 95

Delta R.T. 0.07 min

Lab File: BN010966.D

Acq: 19 Jun 2020 12:49

Instrument :

BNA_N

ClientSampleId :

PB129600BL

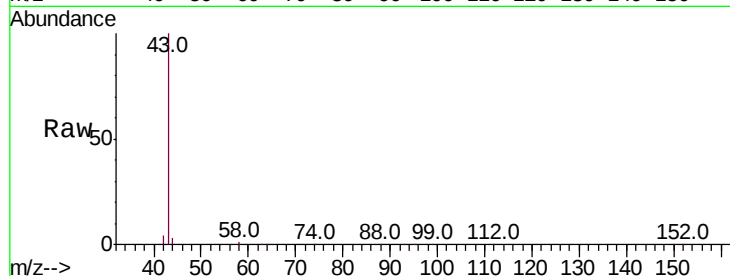
Tot Ion: 42 Resp: 7095

Ion Ratio Lower Upper

42 100

74 4.3 140.7 211.1#

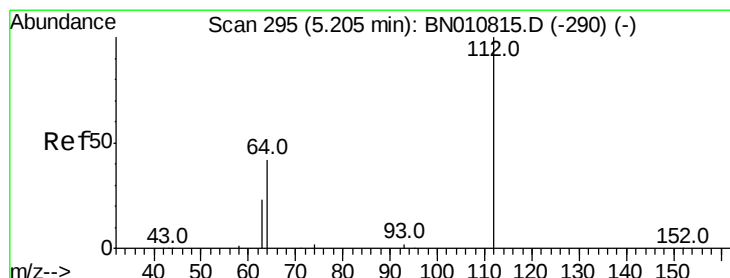
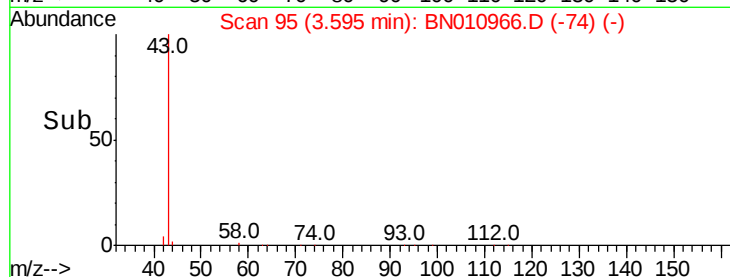
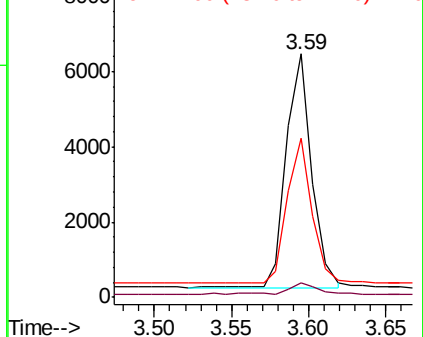
44 60.9 1.4 2.2#



Abundance Ion 42.00 (41.70 to 42.70): BN010815.D (-87) (-)

Ion 74.00 (73.70 to 74.70): BN010815.D (-87) (-)

Ion 44.00 (43.70 to 44.70): BN010815.D (-87) (-)



#4

2-Fluorophenol

Concen: 0.467 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN010966.D

Acq: 19 Jun 2020 12:49

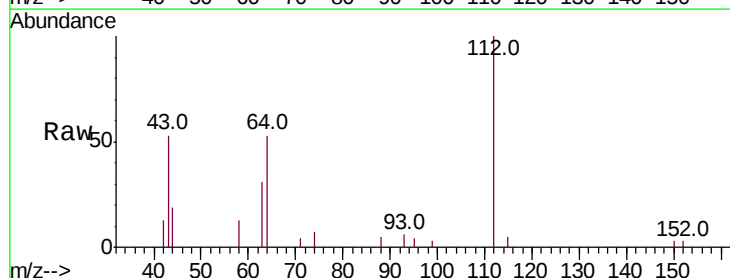
Tgt Ion: 112 Resp: 2426

Ion Ratio Lower Upper

112 100

64 46.1 37.4 56.0

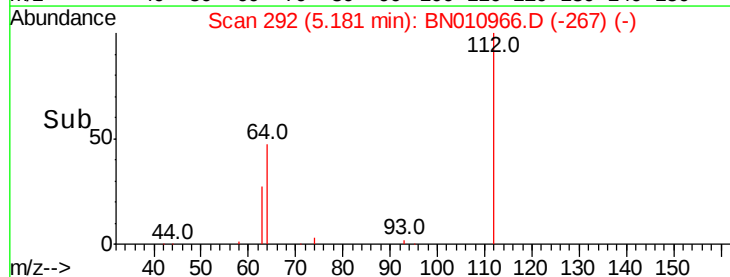
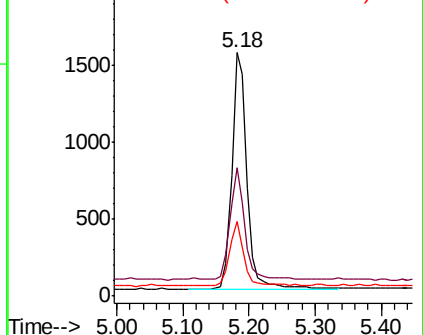
63 25.1 22.2 33.4

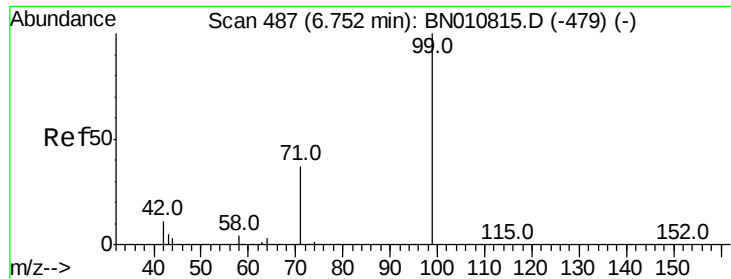


Abundance Ion 112.00 (111.70 to 112.70): BN010966.D (-267) (-)

Ion 64.00 (63.70 to 64.70): BN010966.D (-267) (-)

Ion 63.00 (62.70 to 63.70): BN010966.D (-267) (-)





#5

Phenol-d6

Concen: 0.407 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN010966.D

Acq: 19 Jun 2020 12:49

Instrument :

BNA_N

ClientSampleId :

PB129600BL

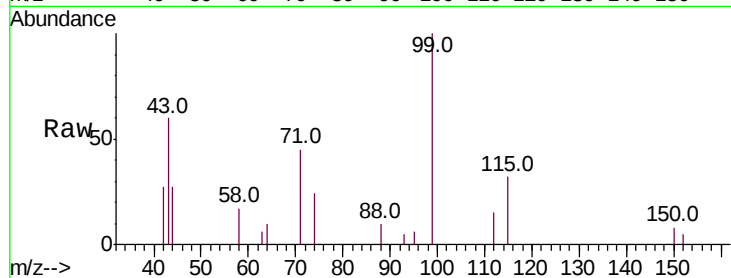
Tot Ion: 99 Resp: 2490

Ion Ratio Lower Upper

99 100

42 13.7 11.1 16.7

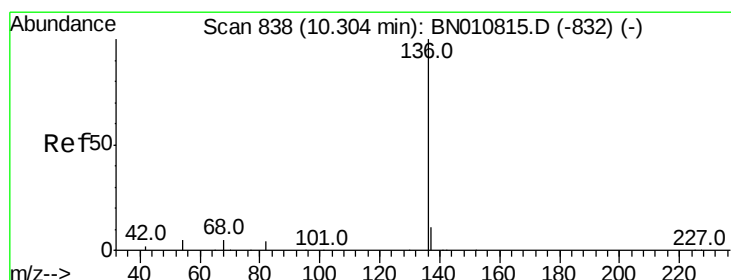
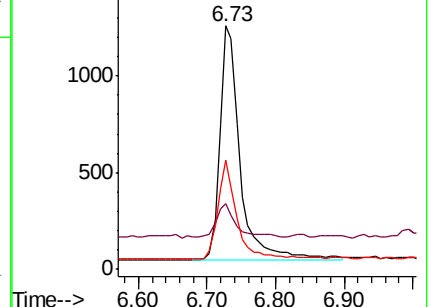
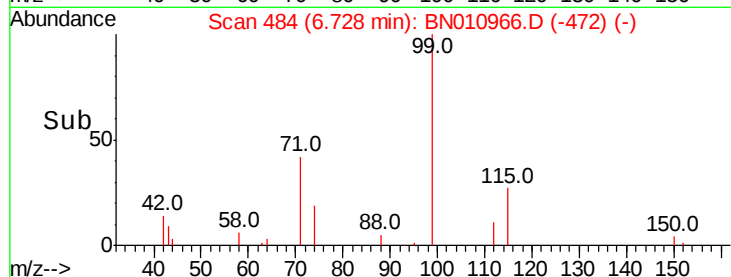
71 37.8 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN010966.D

Acq: 19 Jun 2020 12:49

Tgt Ion: 136 Resp: 8530

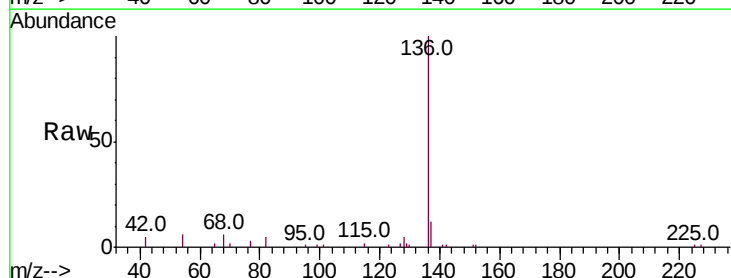
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 5.6 4.9 7.3

68 5.9 4.7 7.1

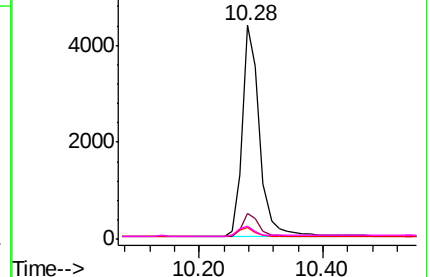
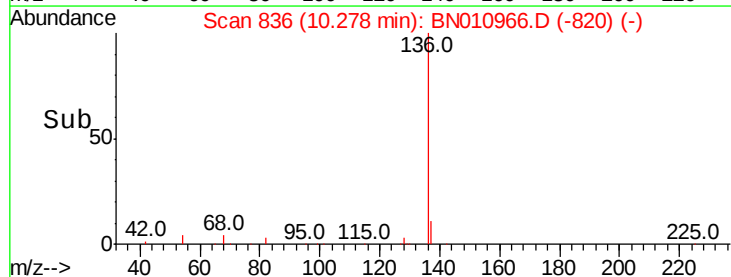


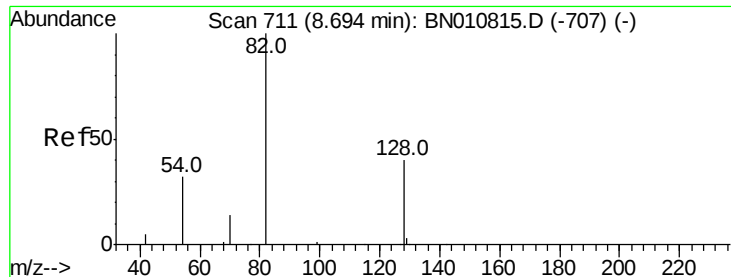
Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

Ion 137.00 (136.70 to 137.70): BN010815.D (-832) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN010815.D (-832) (-)

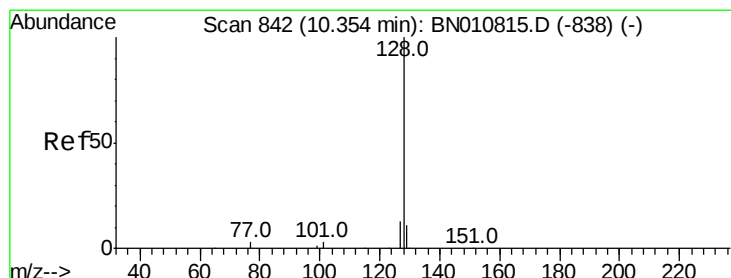
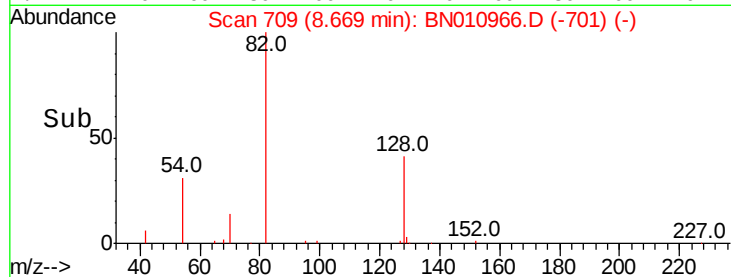
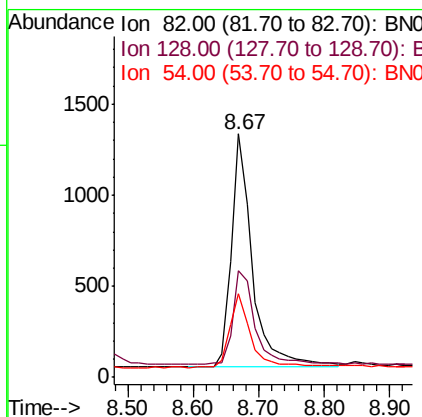
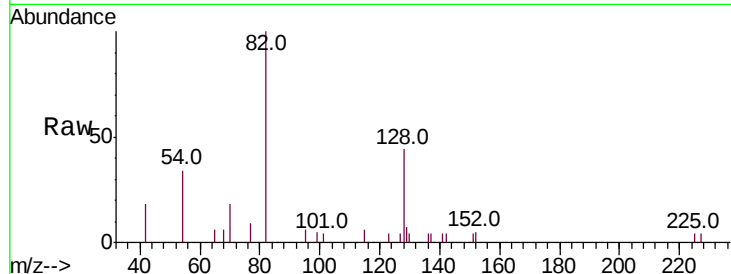




#8
 Nitrobenzene-d5
 Concen: 0.453 ng
 RT: 8.67 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BN010966.D
 Acq: 19 Jun 2020 12:49

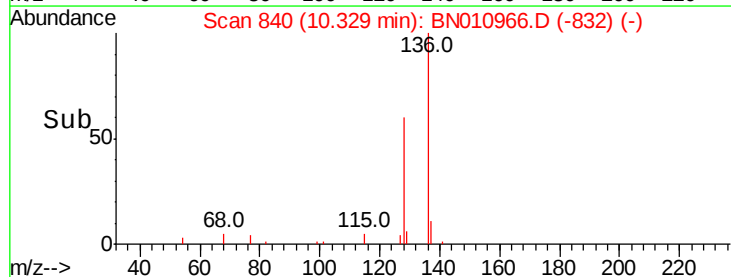
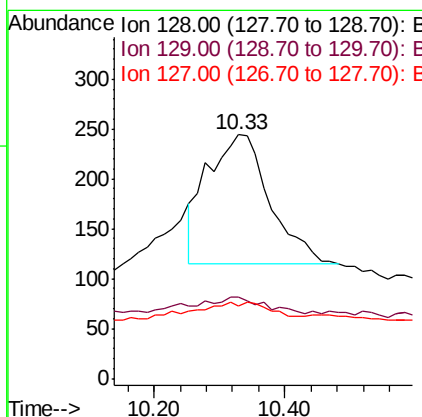
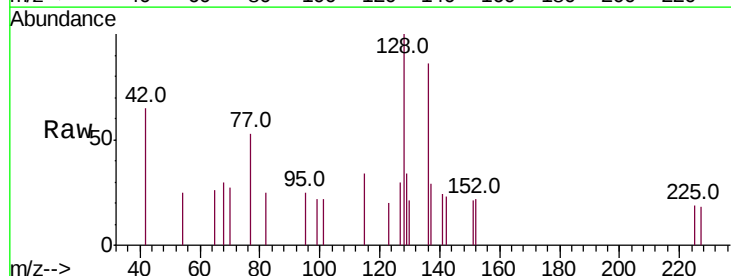
Instrument :
 BNA_N
 ClientSampleId :
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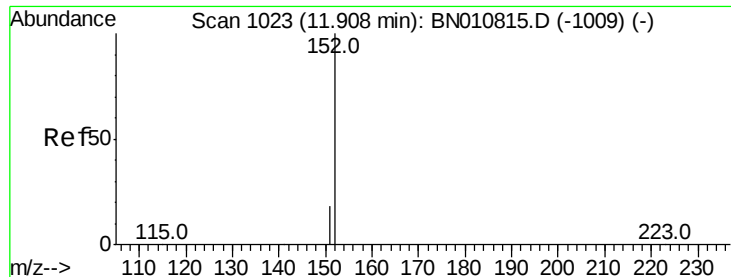
Tot Ion	82	Resp	2859
Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.4	53.0
54	34.3	28.2	42.4



#9
 Naphthalene
 Concen: 0.040 ng
 RT: 10.33 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BN010966.D
 Acq: 19 Jun 2020 12:49

Tgt Ion	128	Resp	856
Ion	Ratio	Lower	Upper
128	100		
129	33.6	9.6	14.4#
127	29.9	11.4	17.2#

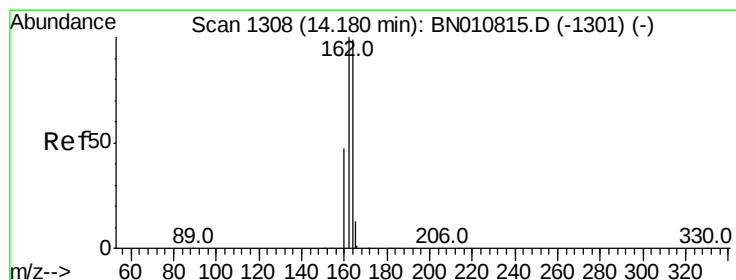
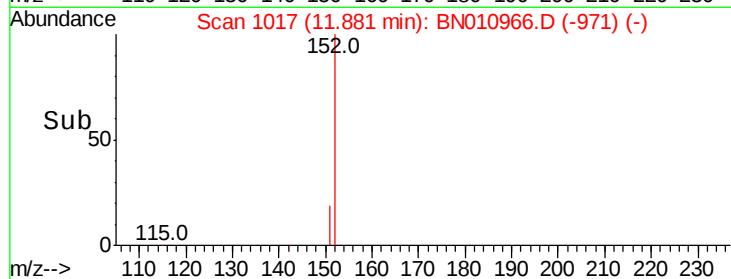
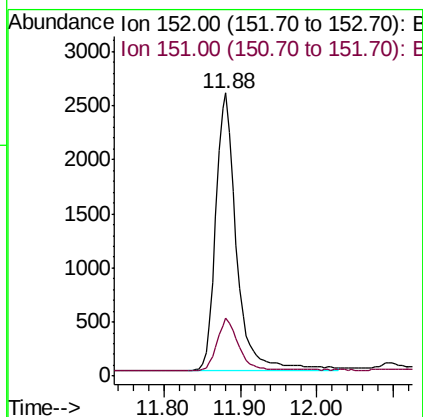
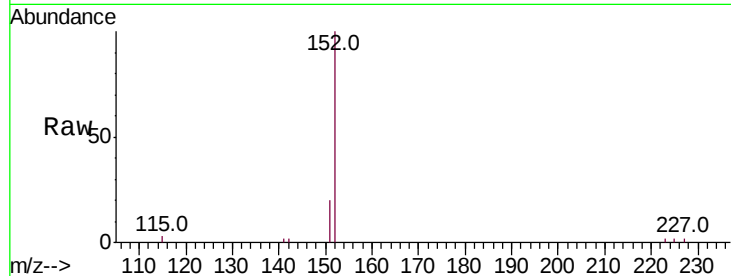




#11
2-Methylnaphthalene-d10
Concen: 0.368 ng
RT: 11.88 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BN010966.D
Acq: 19 Jun 2020 12:49

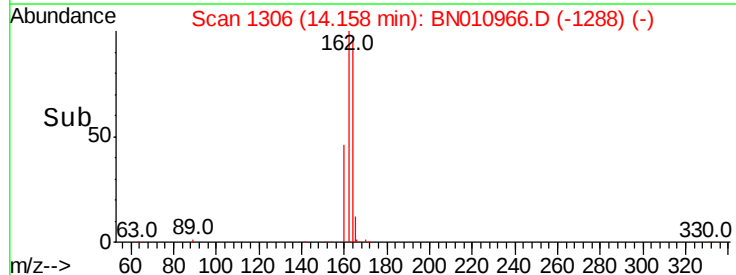
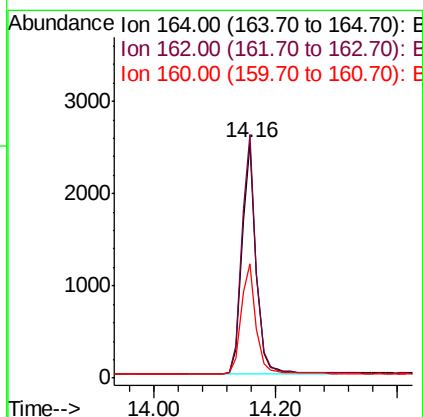
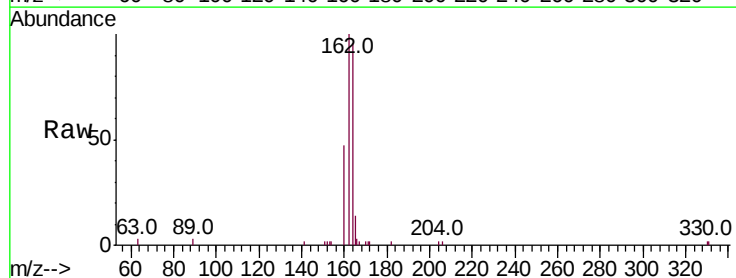
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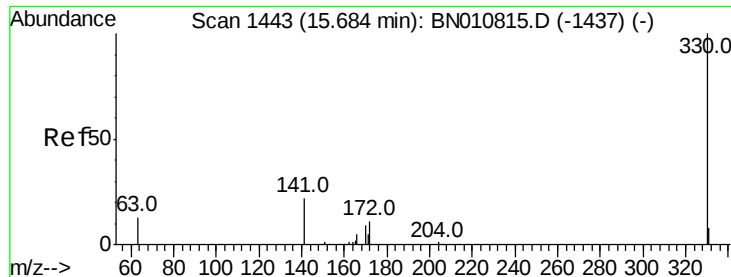
Tot Ion:152 Resp: 4868
Ion Ratio Lower Upper
152 100
151 19.7 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN010966.D
Acq: 19 Jun 2020 12:49

Tgt Ion:164 Resp: 4010
Ion Ratio Lower Upper
164 100
162 103.8 81.0 121.6
160 48.8 38.9 58.3

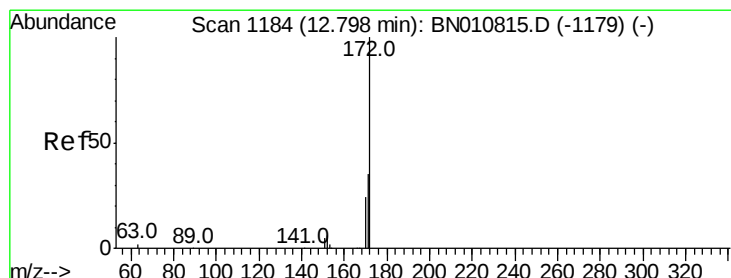
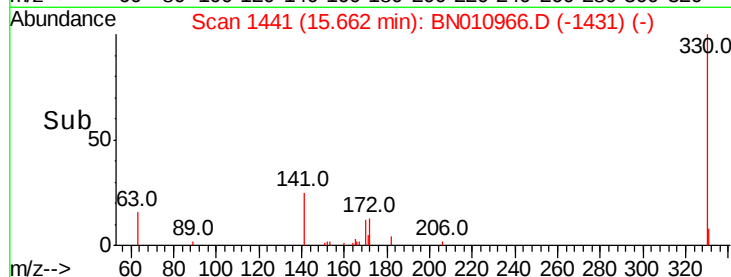
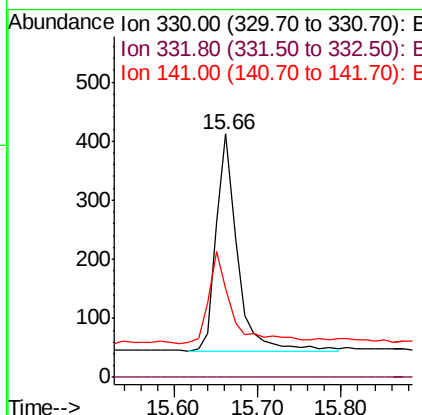
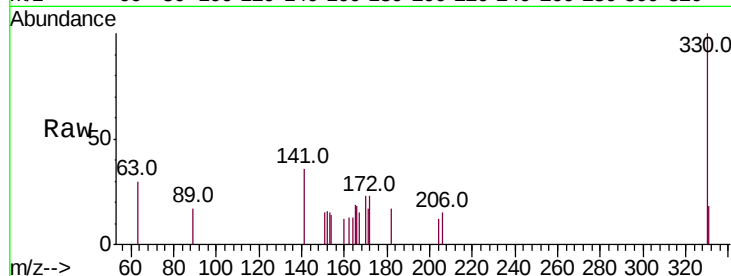




#14
2,4,6-Tribromophenol
Concen: 0.450 ng
RT: 15.66 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BN010966.D
Acq: 19 Jun 2020 12:49

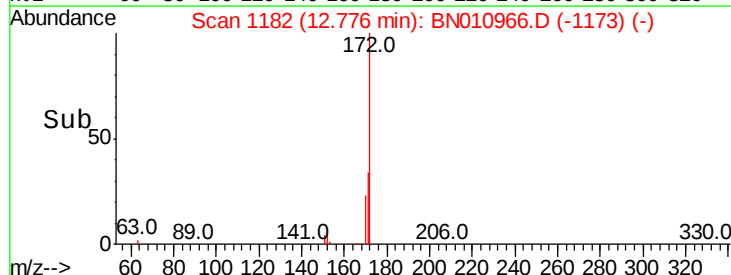
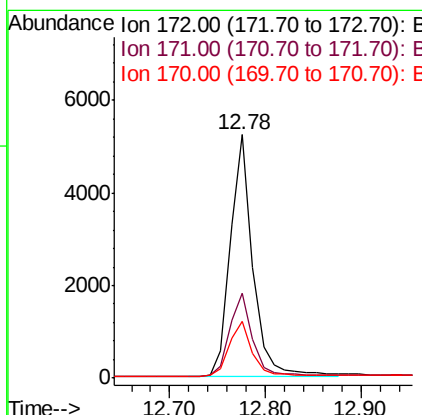
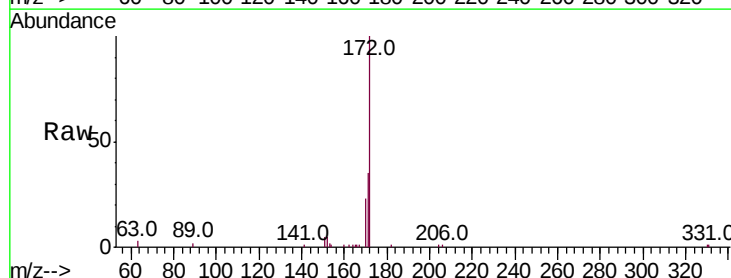
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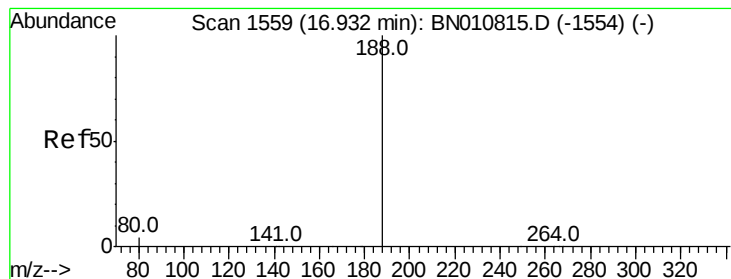
Tot Ion:330 Resp: 645
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 46.5 33.2 49.8



#15
2-Fluorobiphenyl
Concen: 0.541 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN010966.D
Acq: 19 Jun 2020 12:49

Tgt Ion:172 Resp: 8559
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 23.4 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.91 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BN010966.D

Acq: 19 Jun 2020 12:49

Instrument :

BNA_N

ClientSampleId :

PB129600BL

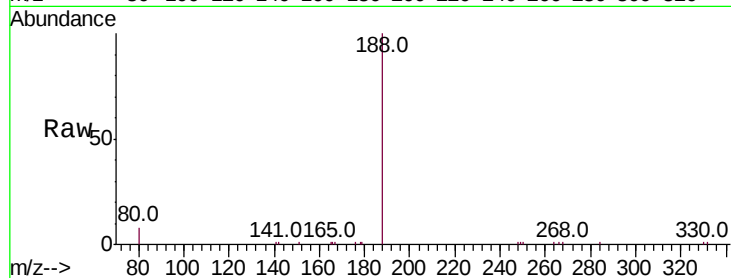
Tot Ion:188 Resp: 9255

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

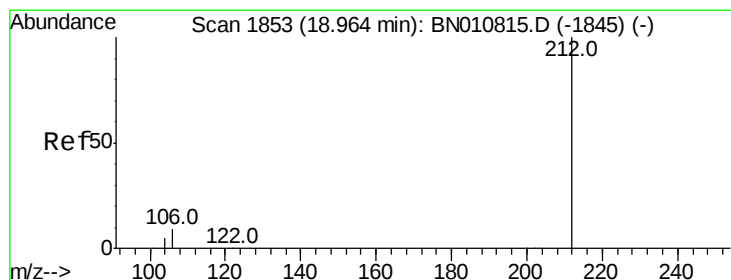
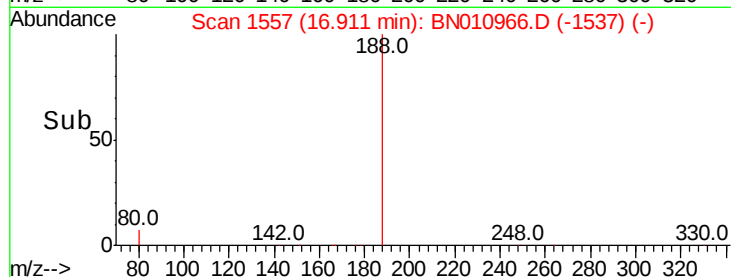
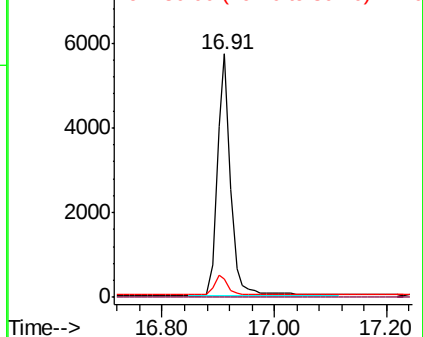
80 7.6 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#25

Fluoranthene-d10

Concen: 0.329 ng

RT: 18.95 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BN010966.D

Acq: 19 Jun 2020 12:49

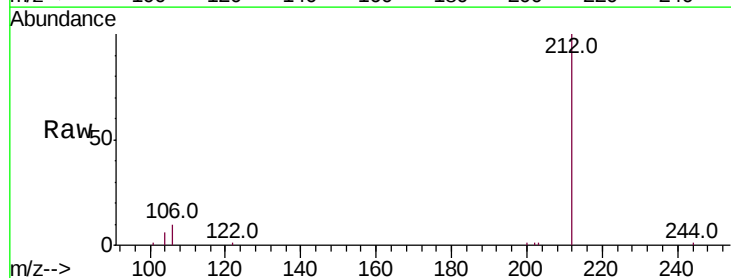
Tgt Ion:212 Resp: 8414

Ion Ratio Lower Upper

212 100

106 10.0 6.6 10.0#

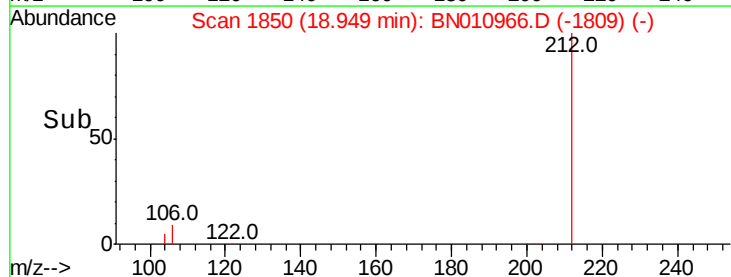
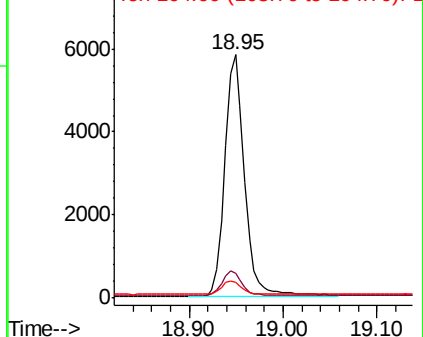
104 5.7 4.0 6.0

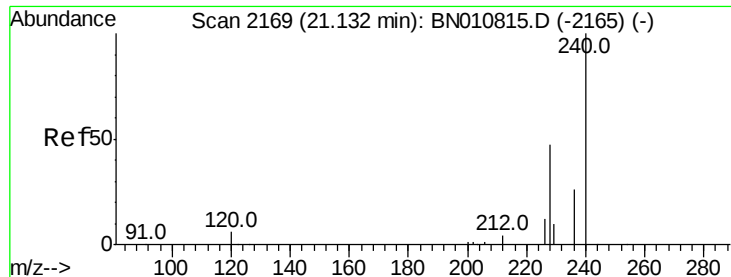


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

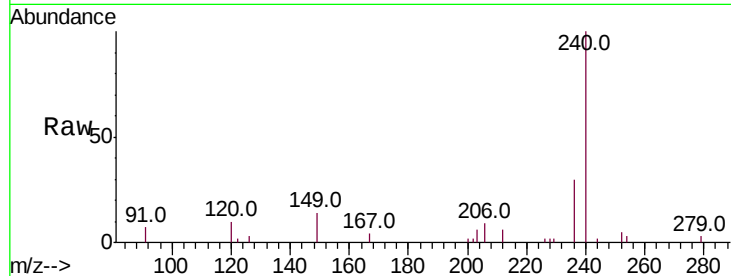




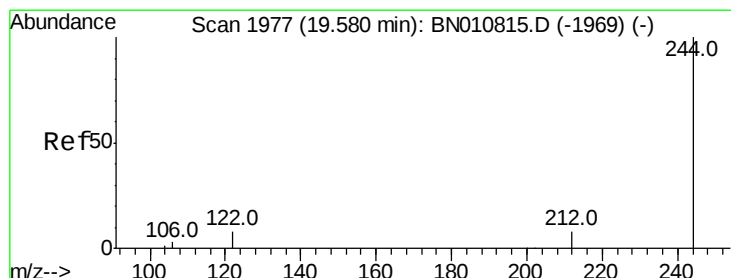
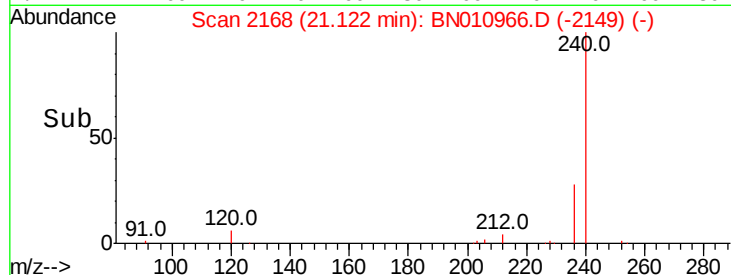
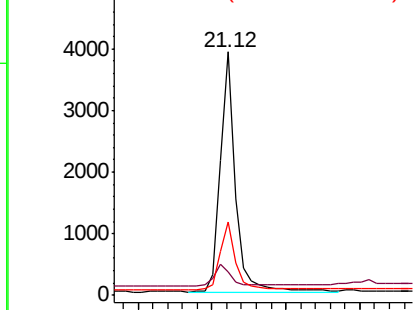
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BN010966.D
Acq: 19 Jun 2020 12:49

Instrument :
BNA_N
ClientSampleId :
PB129600BL

Tot Ion:240 Resp: 5634
Ion Ratio Lower Upper
240 100
120 9.7 7.5 11.3
236 30.3 22.3 33.5

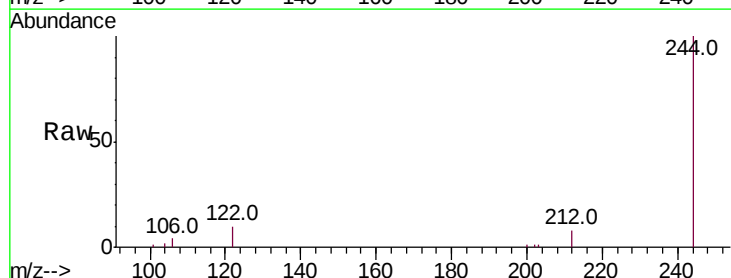


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

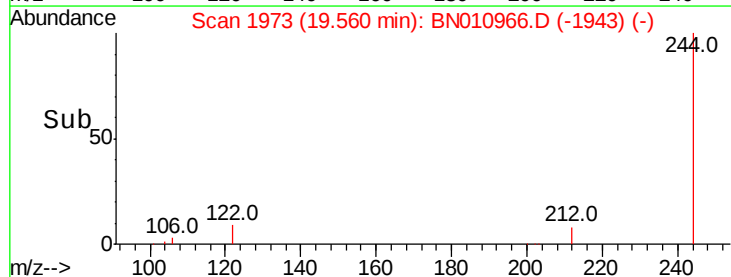
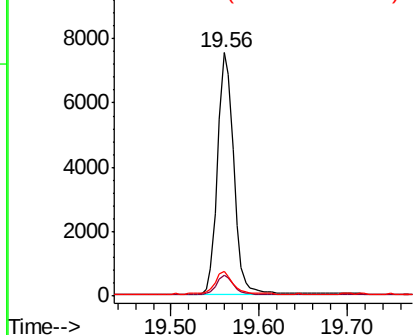


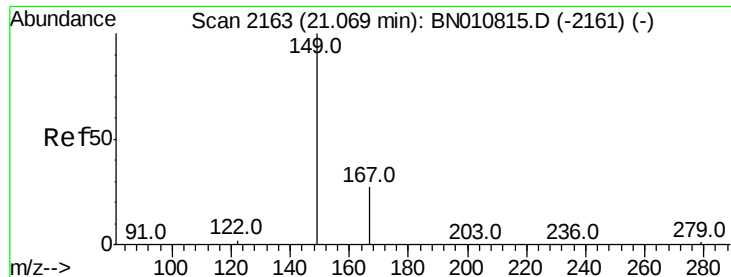
#29
Terphenyl-d14
Concen: 0.732 ng
RT: 19.56 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BN010966.D
Acq: 19 Jun 2020 12:49

Tgt Ion:244 Resp: 9649
Ion Ratio Lower Upper
244 100
212 8.5 7.4 11.2
122 10.1 7.5 11.3



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

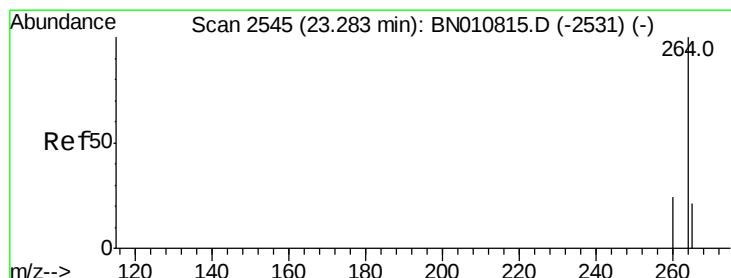
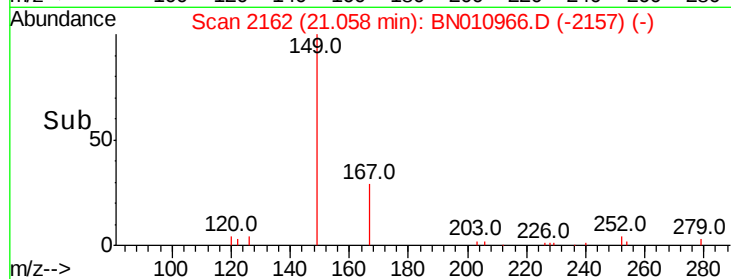
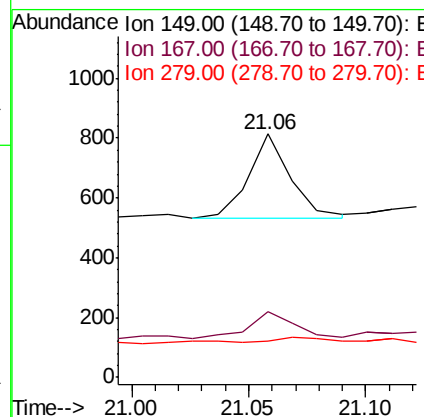
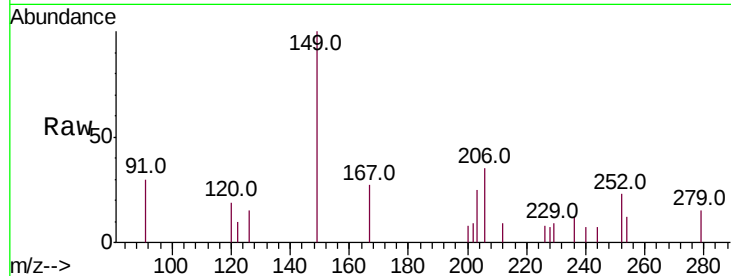




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.064 ng
 RT: 21.06 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BN010966.D
 Acq: 19 Jun 2020 12:49

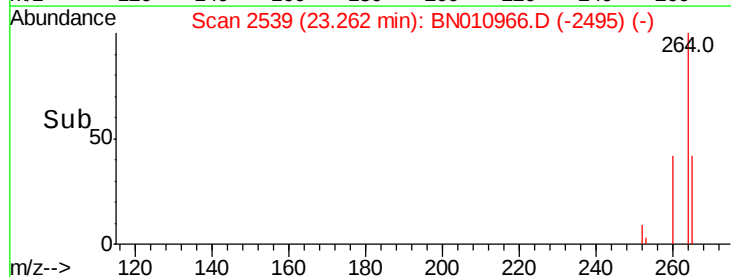
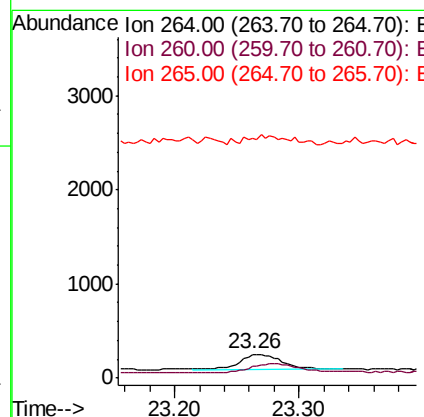
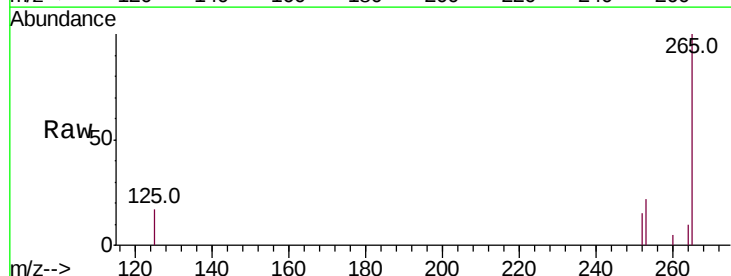
Instrument :
 BNA_N
 ClientSampleId :
 PB129600BL

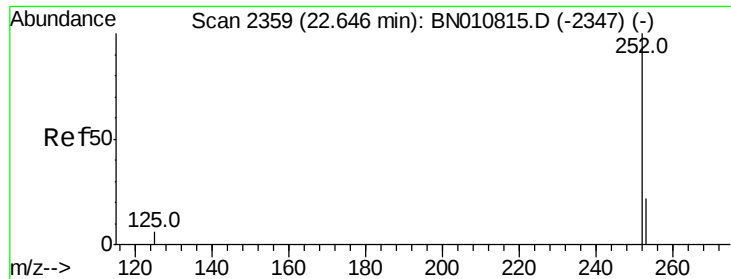
Tot Ion:149 Resp: 352
 Ion Ratio Lower Upper
 149 100
 167 34.7 24.1 36.1
 279 6.3 4.6 7.0



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.26 min Scan# 2539
 Delta R.T. -0.00 min
 Lab File: BN010966.D
 Acq: 19 Jun 2020 12:49

Tgt Ion:264 Resp: 387
 Ion Ratio Lower Upper
 264 100
 260 47.6 20.4 30.6#
 265 1013.1 75.0 112.4#





#35

Benzo(b)fluoranthene

Concen: 0.052 ng

RT: 22.64 min Scan# 2357

Delta R.T. 0.01 min

Lab File: BN010966.D

Acq: 19 Jun 2020 12:49

Instrument :

BNA_N

ClientSampleId :

PB129600BL

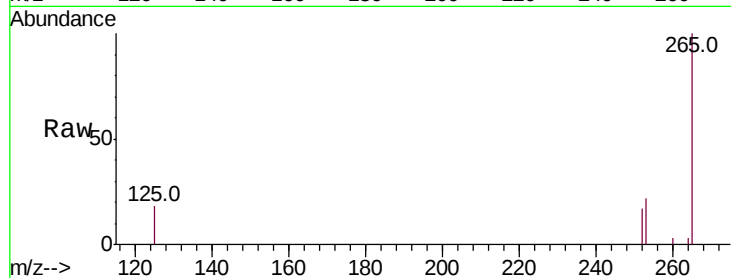
Tot Ion:252 Resp: 68

Ion Ratio Lower Upper

252 100

253 131.3 22.4 33.6#

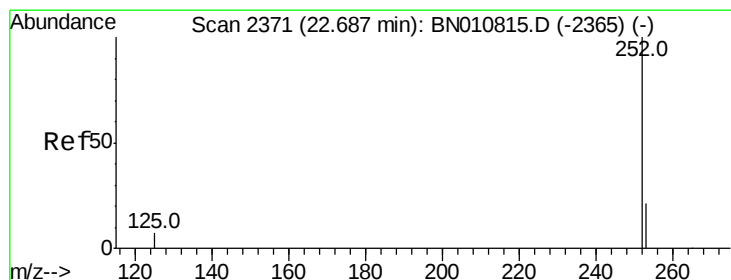
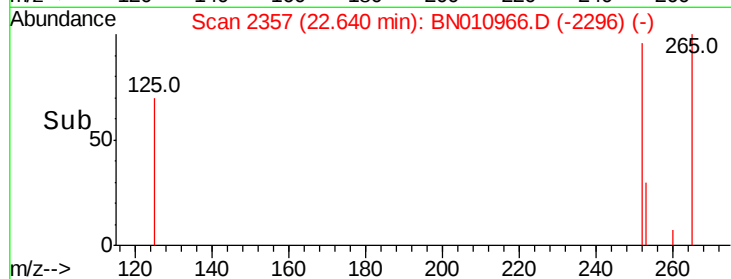
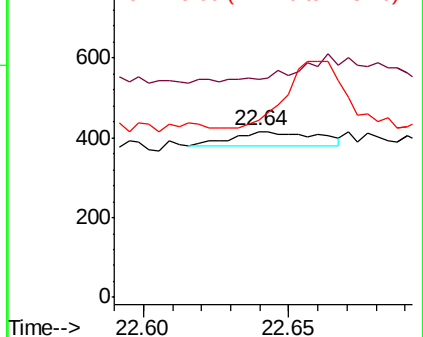
125 107.0 9.4 14.0#



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



#36

Benzo(k)fluoranthene

Concen: 0.049 ng

RT: 22.64 min Scan# 2357

Delta R.T. -0.03 min

Lab File: BN010966.D

Acq: 19 Jun 2020 12:49

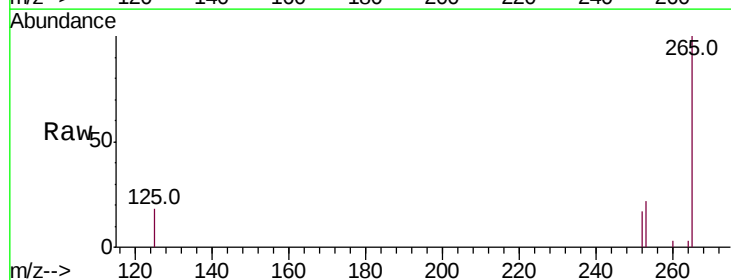
Tgt Ion:252 Resp: 68

Ion Ratio Lower Upper

252 100

253 131.3 22.2 33.4#

125 107.0 9.8 14.8#



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

