

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011520\
 Data File : BN009374.D
 Acq On : 15 Jan 2020 11:48
 Operator : JU
 Sample : PB126027BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 15 16:11:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 09:33:55 2020
 Response via : Initial Calibration

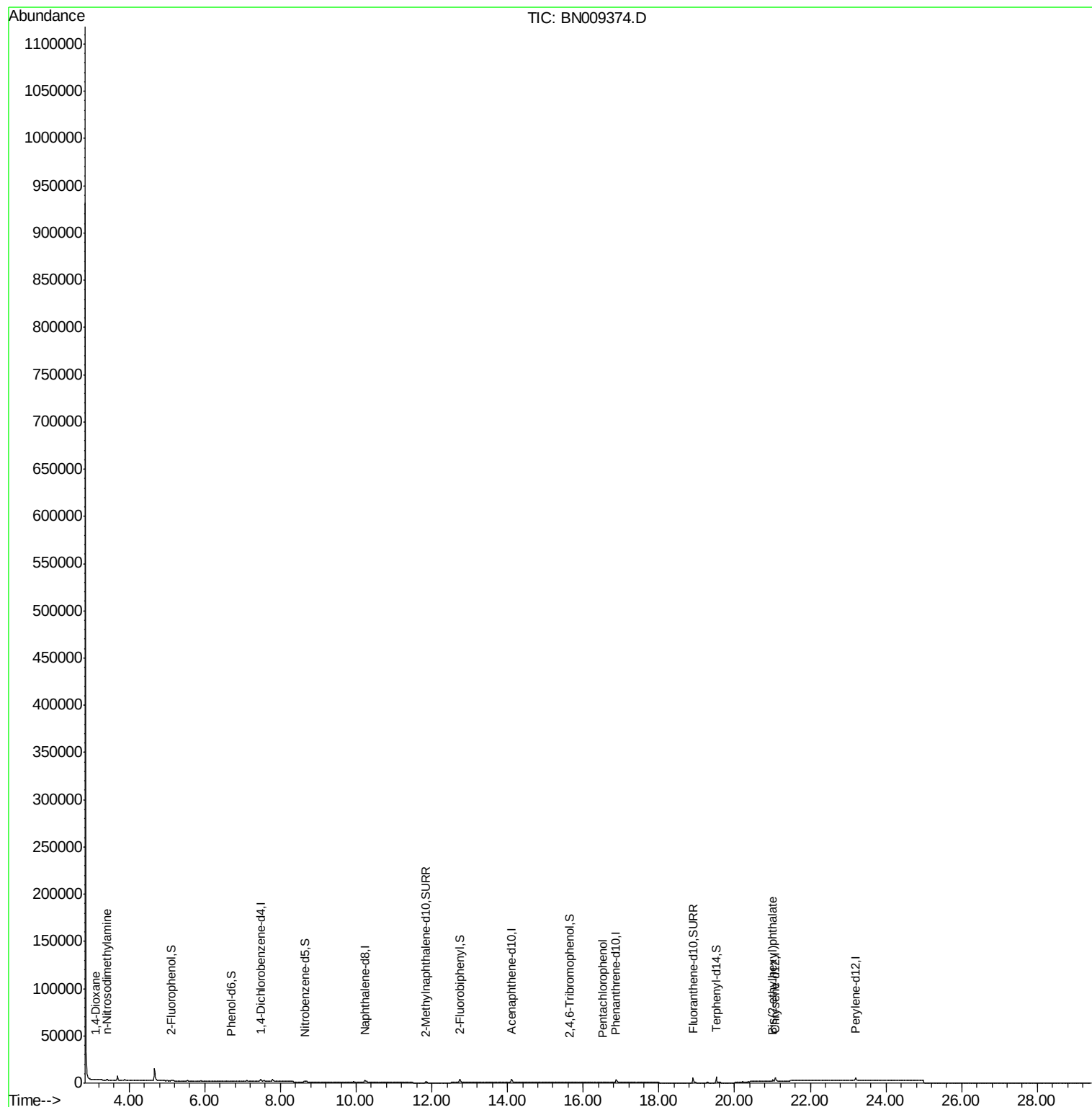
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1319	0.40	ng	0.00
7) Naphthalene-d8	10.23	136	4264	0.40	ng	0.00
13) Acenaphthene-d10	14.11	164	2642	0.40	ng	0.00
19) Phenanthrene-d10	16.87	188	6033	0.40	ng	0.00
27) Chrysene-d12	21.08	240	5397	0.40	ng	0.00
34) Perylene-d12	23.20	264	5440	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	796	0.26	ng	0.00
5) Phenol-d6	6.70	99	566	0.16	ng	0.02
8) Nitrobenzene-d5	8.64	82	1295	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	11.84	152	2922	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	340	0.34	ng	0.02
15) 2-Fluorobiphenyl	12.73	172	4888	0.49	ng	0.00
25) Fluoranthene-d10	18.90	212	7862	0.38	ng	0.00
29) Terphenyl-d14	19.52	244	7321	0.57	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.14	88	29	0.021	ng	# 1
3) n-Nitrosodimethylamine	3.42	42	74	0.035	ng	# 29
22) Pentachlorophenol	16.53	266	5	0.149	ng	# 76
32) Bis(2-ethylhexyl)phthalate	21.00	149	1492	0.190	ng	# 96

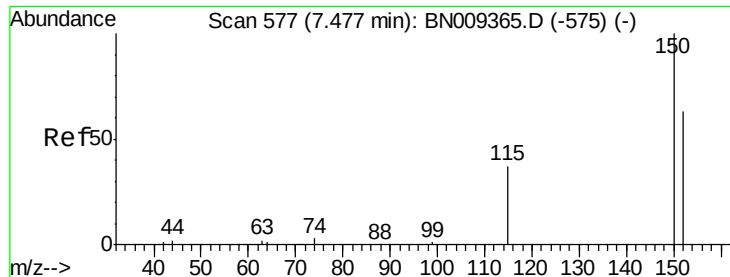
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
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QLast Update : Tue Jan 14 09:33:55 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BN009374.D

Acq: 15 Jan 2020 11:48

Instrument :

BNA_N

ClientSampleId :

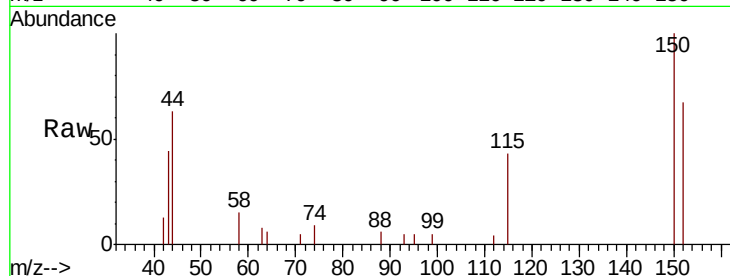
Tot Ion:152 Resp: 1319

Ion Ratio Lower Upper

152 100

150 150.3 125.7 188.5

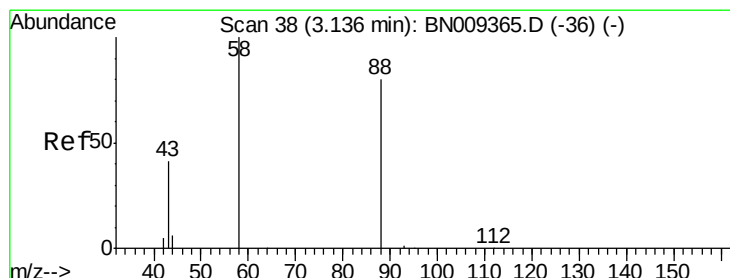
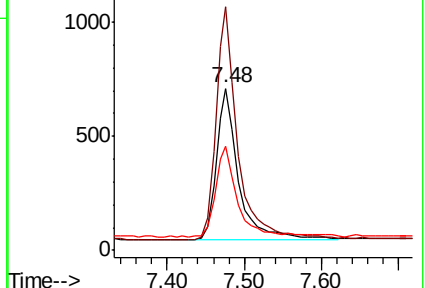
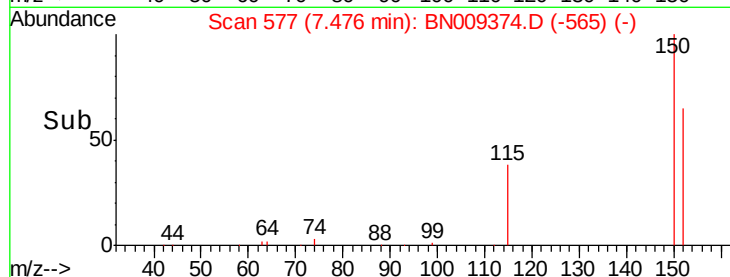
115 64.1 53.3 79.9



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: 0.021 ng

RT: 3.14 min Scan# 38

Delta R.T. -0.00 min

Lab File: BN009374.D

Acq: 15 Jan 2020 11:48

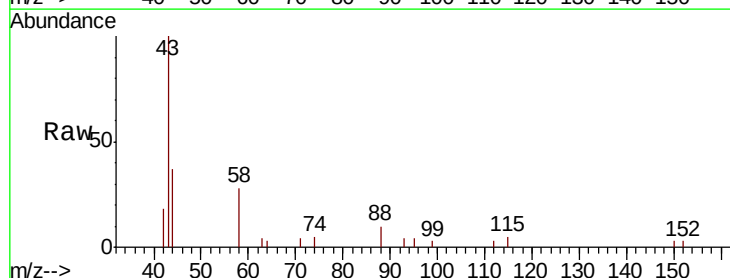
Tgt Ion: 88 Resp: 29

Ion Ratio Lower Upper

88 100

58 0.0 100.2 150.2#

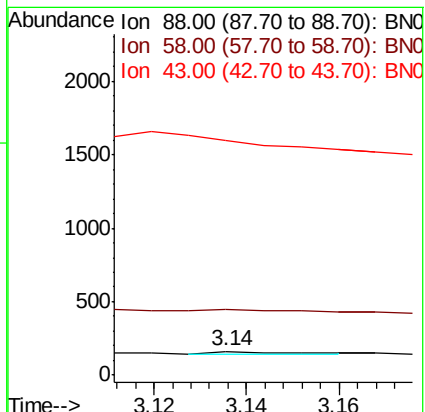
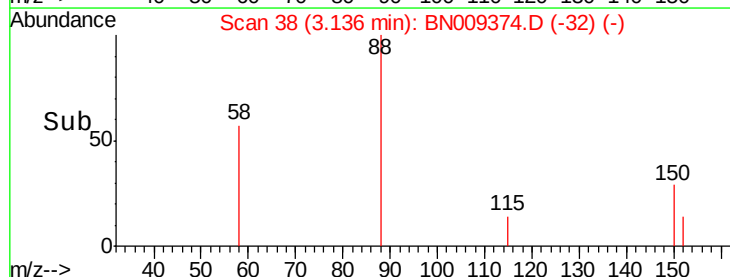
43 1124.1 43.1 64.7#

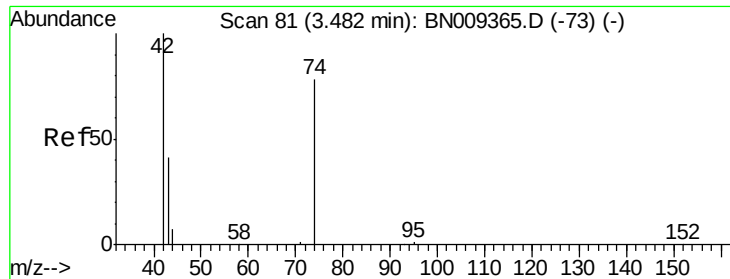


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



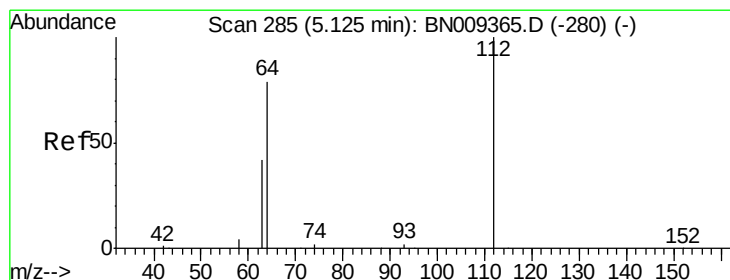
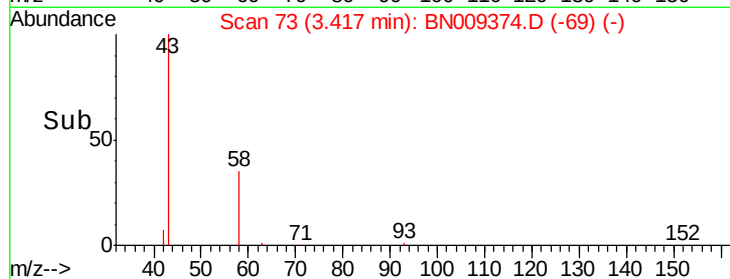
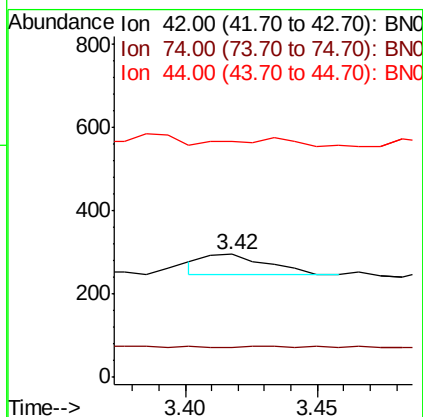
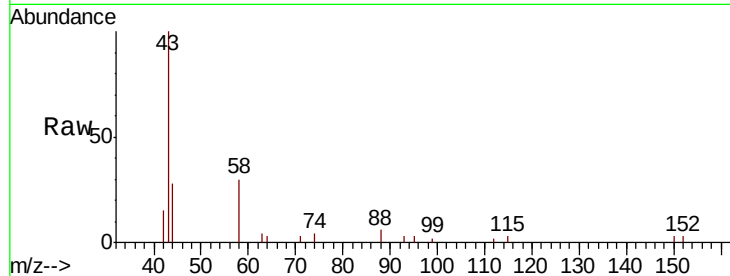


#3

n-Nitrosodimethylamine
 Concen: 0.035 ng
 RT: 3.42 min Scan# 73
 Delta R.T. -0.06 min
 Lab File: BN009374.D
 Acq: 15 Jan 2020 11:48

Instrument :
 BNA_N
 ClientSampleId :

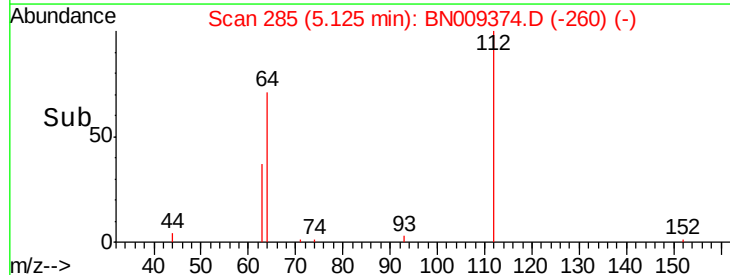
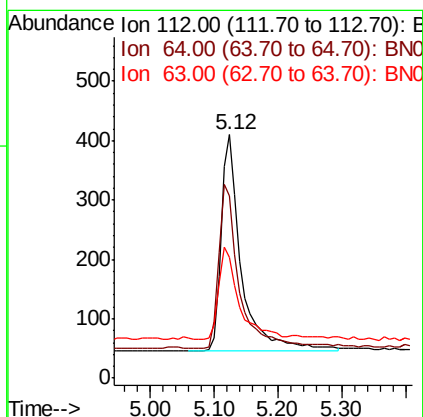
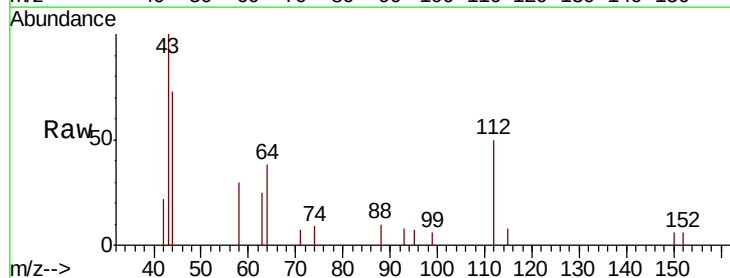
Tot Ion: 42 Resp: 74
 Ion Ratio Lower Upper
 42 100
 74 8.1 55.8 83.8#
 44 35.1 11.1 16.7#

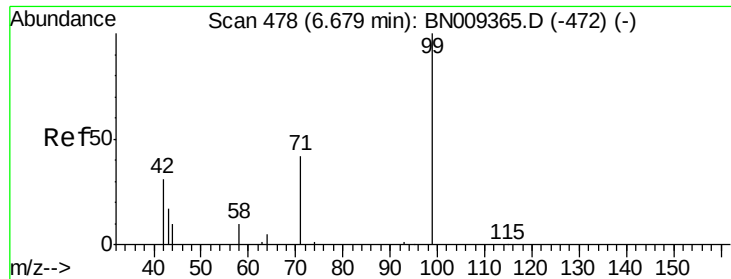


#4

2-Fluorophenol
 Concen: 0.262 ng
 RT: 5.12 min Scan# 285
 Delta R.T. -0.00 min
 Lab File: BN009374.D
 Acq: 15 Jan 2020 11:48

Tgt Ion: 112 Resp: 796
 Ion Ratio Lower Upper
 112 100
 64 77.4 61.5 92.3
 63 43.3 35.0 52.4





#5

Phenol-d6

Concen: 0.161 ng

RT: 6.70 min Scan# 480

Delta R.T. 0.02 min

Lab File: BN009374.D

Acq: 15 Jan 2020 11:48

Instrument :

BNA_N

ClientSampleId :

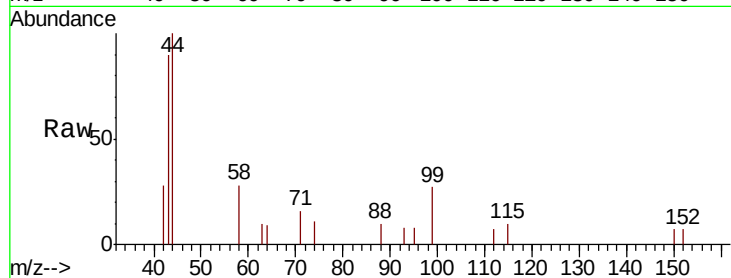
Tot Ion: 99 Resp: 566

Ion Ratio Lower Upper

99 100

42 34.1 27.6 41.4

71 44.5 33.0 49.6

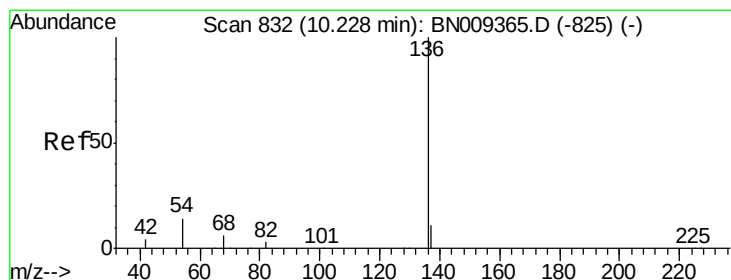
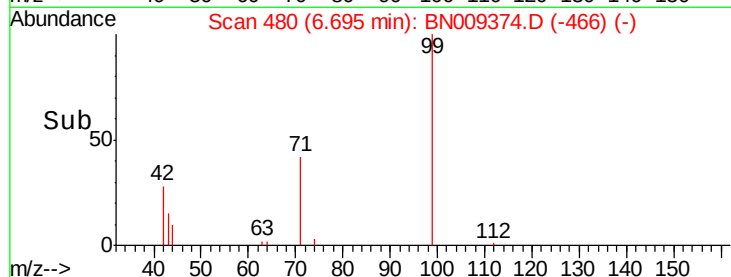
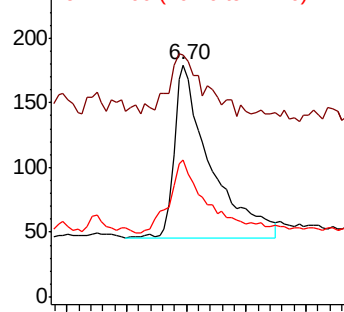


Abundance

Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BN009374.D

Acq: 15 Jan 2020 11:48

Tgt Ion: 136 Resp: 4264

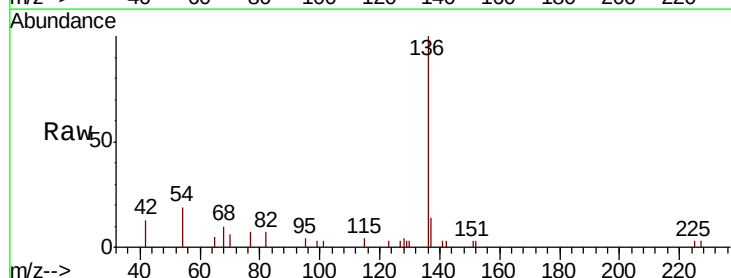
Ion Ratio Lower Upper

136 100

137 13.6 10.3 15.5

54 19.4 12.6 19.0#

68 10.2 6.5 9.7#



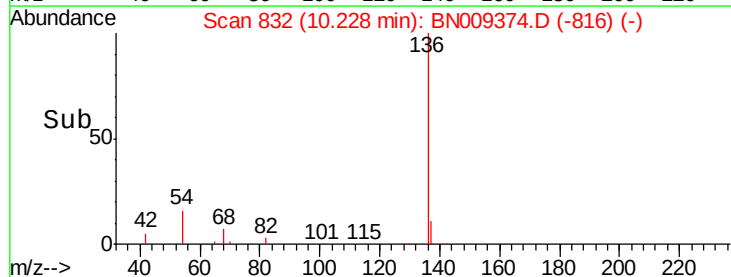
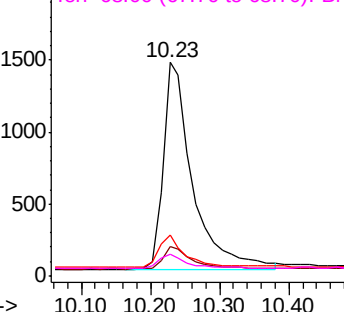
Abundance

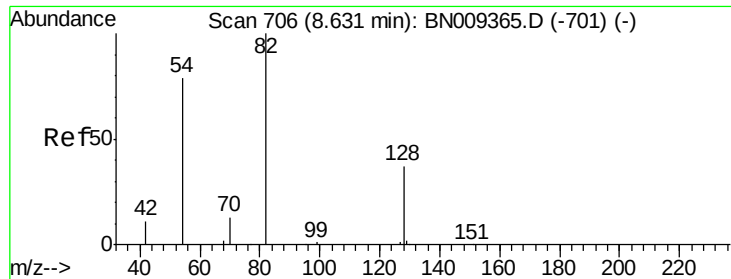
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0

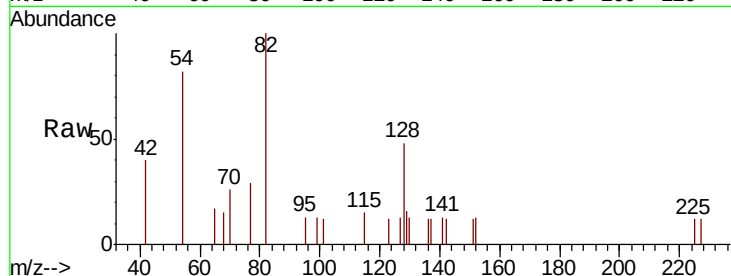




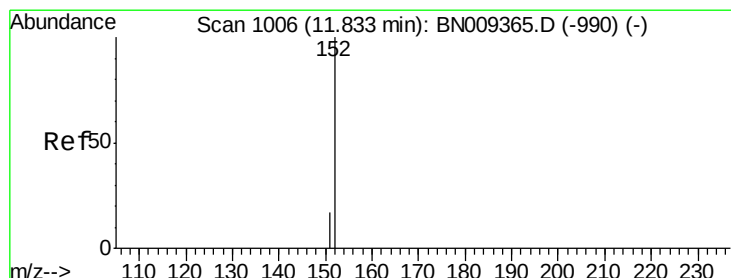
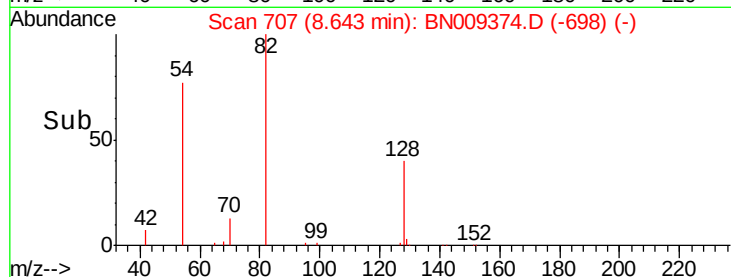
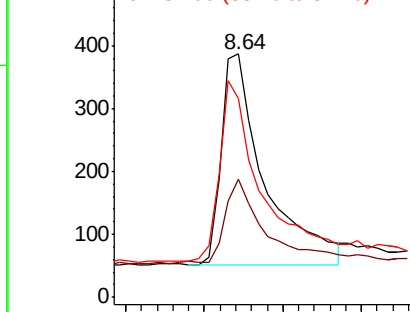
#8
Nitrobenzene-d5
Concen: 0.381 ng
RT: 8.64 min Scan# 707
Delta R.T. 0.01 min
Lab File: BN009374.D
Acq: 15 Jan 2020 11:48

Instrument :
BNA_N
ClientSampled :

Tot Ion	82	Resp	1295
Ion Ratio	Lower	Upper	
82	100		
128	48.3	34.8	52.2
54	81.7	65.8	98.6

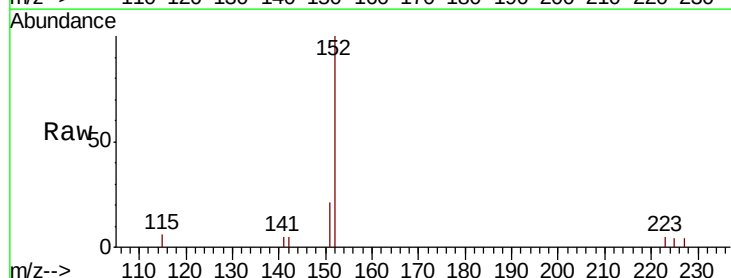


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BN0

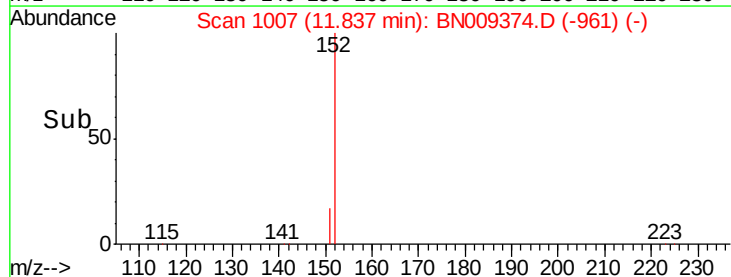
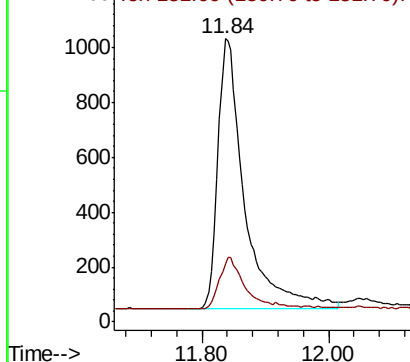


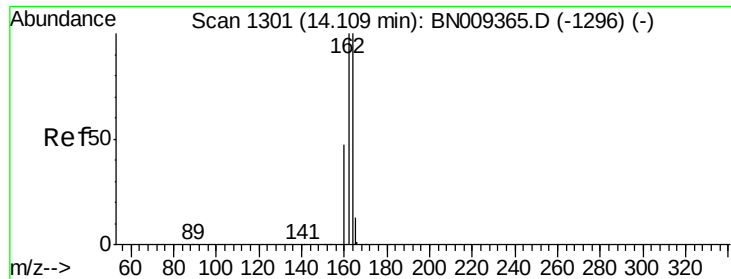
#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 11.84 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BN009374.D
Acq: 15 Jan 2020 11:48

Tgt Ion	152	Resp	2922
Ion Ratio	Lower	Upper	
152	100		
151	18.3	14.8	22.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.11 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN009374.D

Acq: 15 Jan 2020 11:48

Instrument :

BNA_N

ClientSampleId :

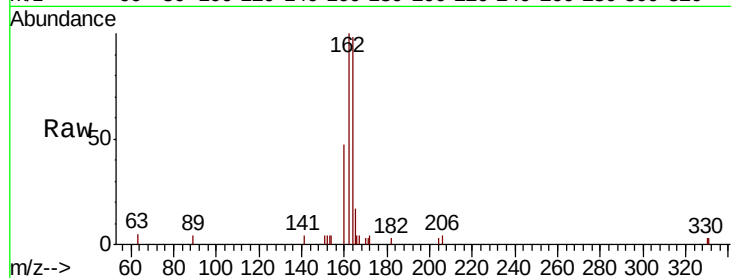
Tot Ion:164 Resp: 2642

Ion Ratio Lower Upper

164 100

162 102.2 79.8 119.6

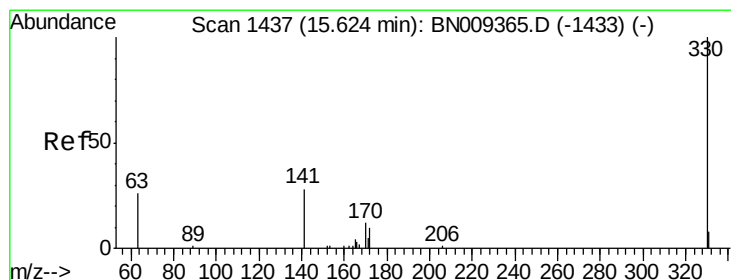
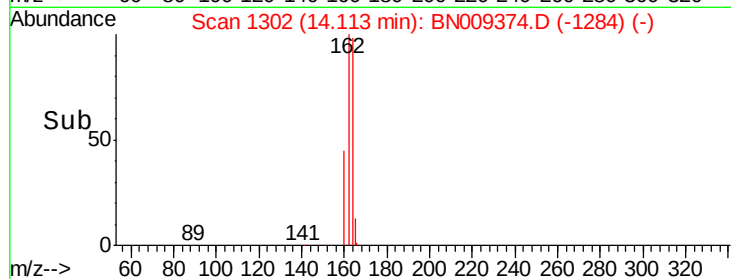
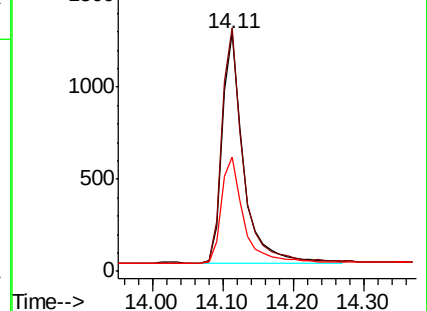
160 48.3 38.4 57.6



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: 0.340 ng

RT: 15.64 min Scan# 1439

Delta R.T. 0.02 min

Lab File: BN009374.D

Acq: 15 Jan 2020 11:48

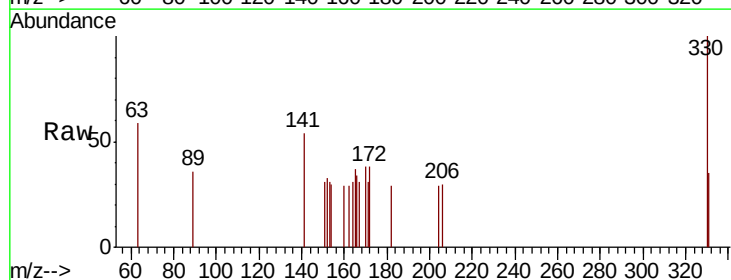
Tgt Ion:330 Resp: 340

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

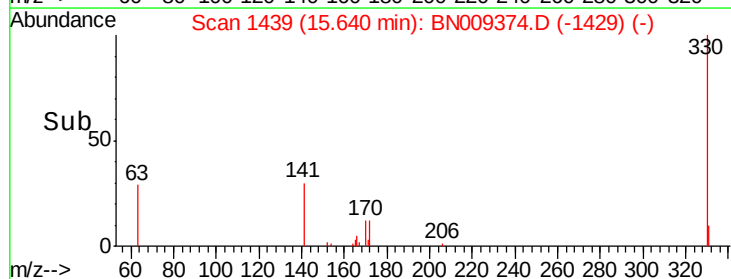
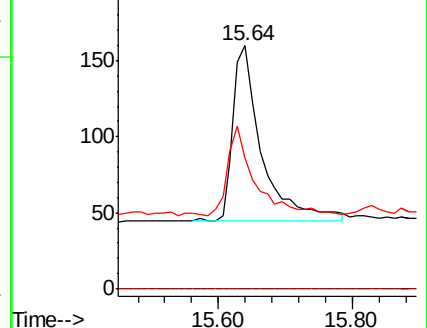
141 50.3 33.1 49.7#

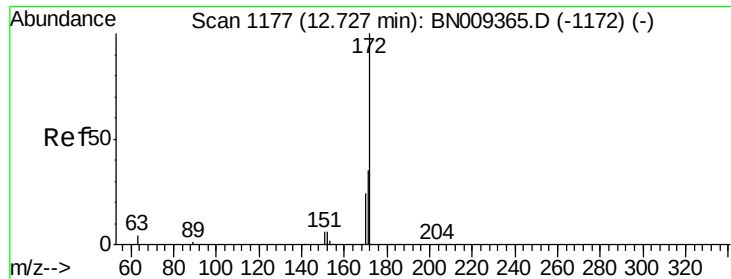


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

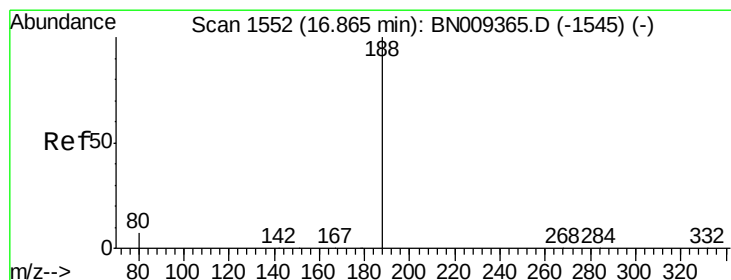
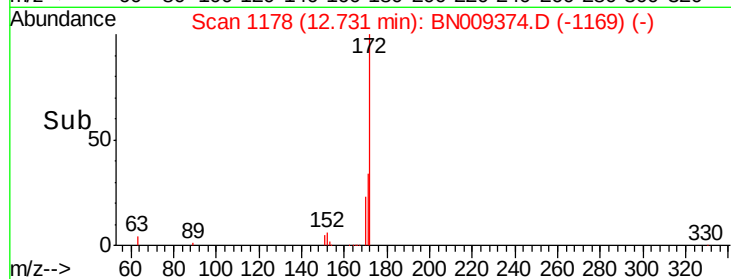
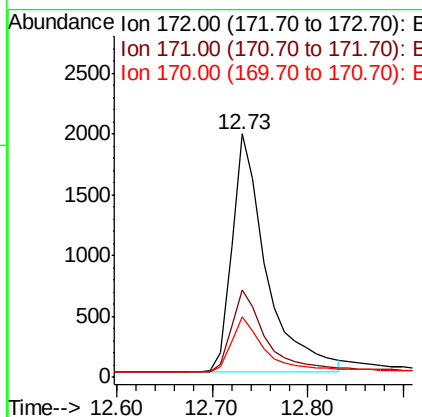
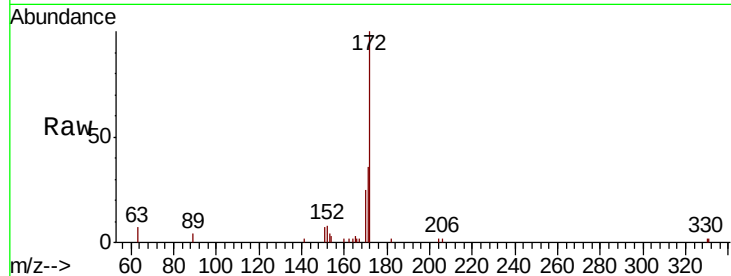




#15
2-Fluorobiphenyl
Concen: 0.494 ng
RT: 12.73 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BN009374.D
Acq: 15 Jan 2020 11:48

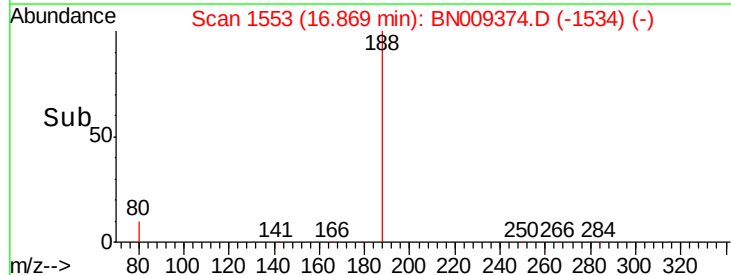
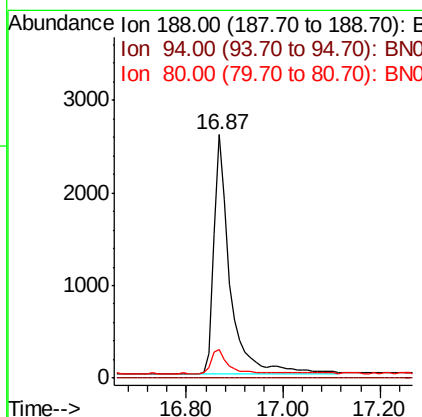
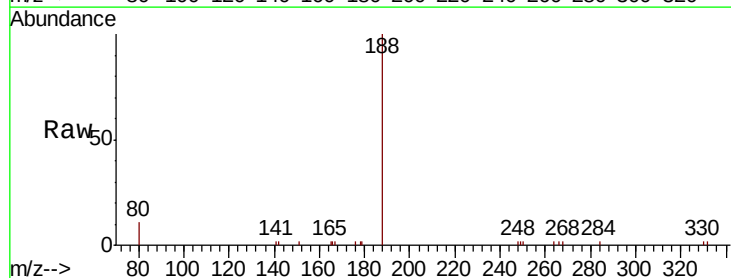
Instrument :
BNA_N
ClientSampled :

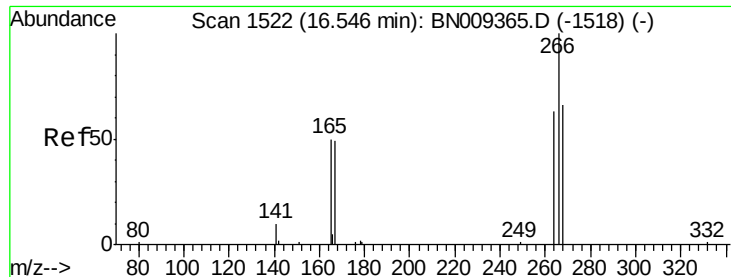
Tot Ion:172 Resp: 4888
Ion Ratio Lower Upper
172 100
171 35.7 29.5 44.3
170 24.7 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.87 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BN009374.D
Acq: 15 Jan 2020 11:48

Tgt Ion:188 Resp: 6033
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 6.6 10.0#





#22

Pentachlorophenol

Concen: 0.149 ng

RT: 16.53 min Scan# 1521

Delta R.T. -0.02 min

Lab File: BN009374.D

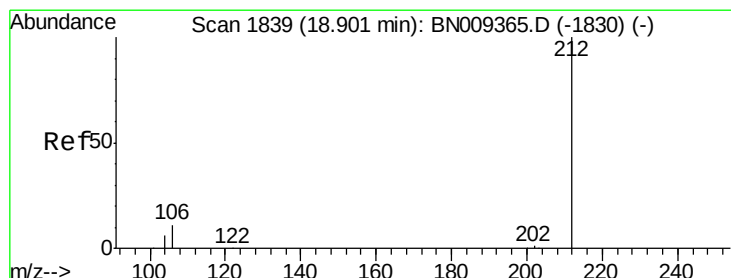
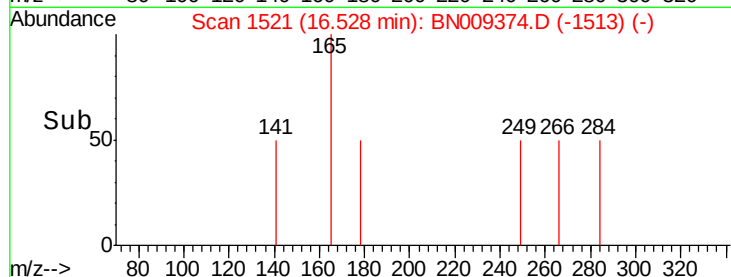
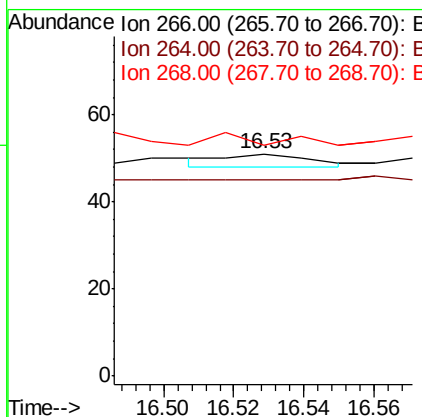
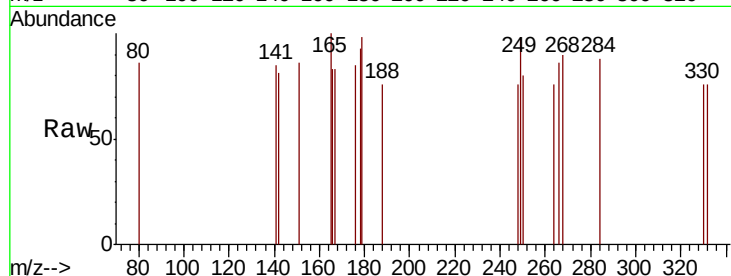
Acq: 15 Jan 2020 11:48

Instrument :

BNA_N

ClientSampleId :

Tot Ion:266	Resp:	5	
Ion Ratio	Lower	Upper	
266	100		
264	88.2	57.8	86.6#
268	103.9	63.8	95.6#



#25

Fluoranthene-d10

Concen: 0.380 ng

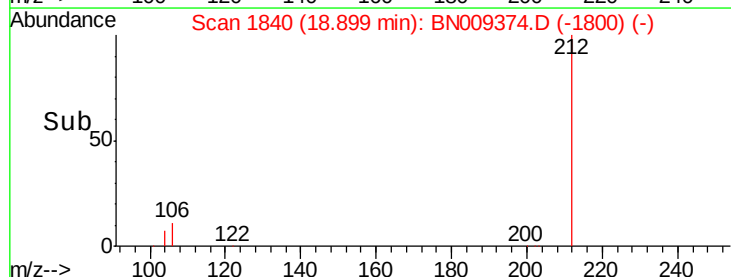
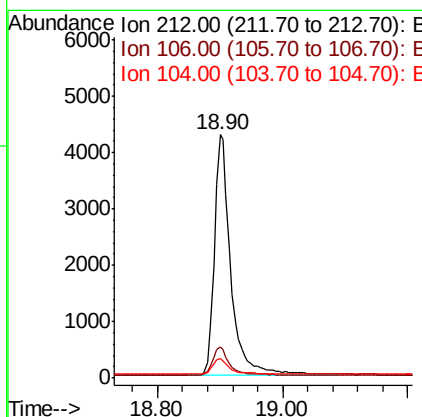
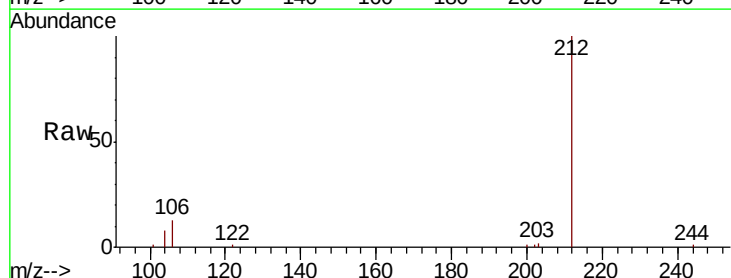
RT: 18.90 min Scan# 1840

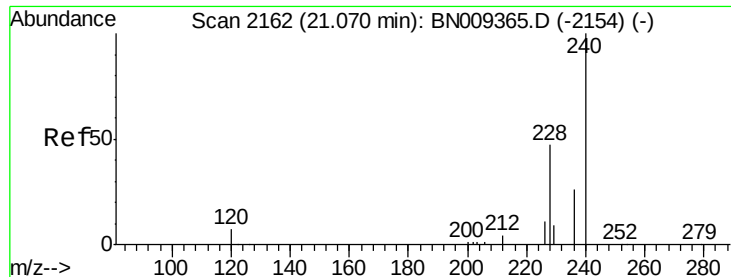
Delta R.T. -0.00 min

Lab File: BN009374.D

Acq: 15 Jan 2020 11:48

Tgt Ion	212	Resp: Lower	7862 Upper
	Ratio		
212	100		
106	11.5	9.2	13.8
104	6.7	5.4	8.0





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.08 min Scan# 2164

Delta R.T. 0.01 min

Lab File: BN009374.D

Acq: 15 Jan 2020 11:48

Instrument :

BNA_N

ClientSampleId :

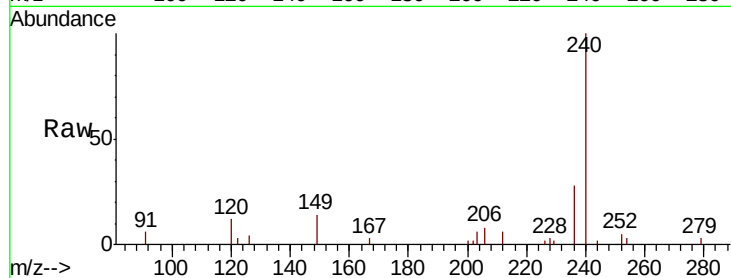
Tot Ion:240 Resp: 5397

Ion Ratio Lower Upper

240 100

120 11.7 8.1 12.1

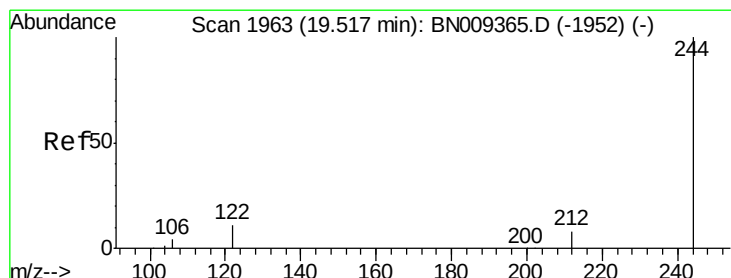
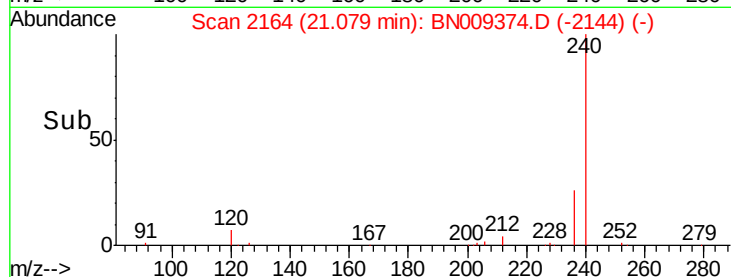
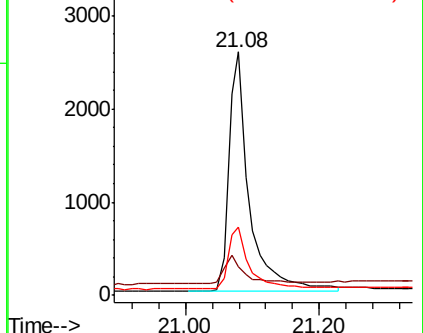
236 28.1 22.2 33.4



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: 0.573 ng

RT: 19.52 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BN009374.D

Acq: 15 Jan 2020 11:48

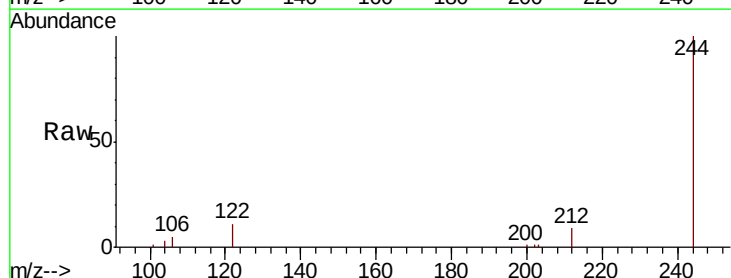
Tgt Ion:244 Resp: 7321

Ion Ratio Lower Upper

244 100

212 9.1 7.5 11.3

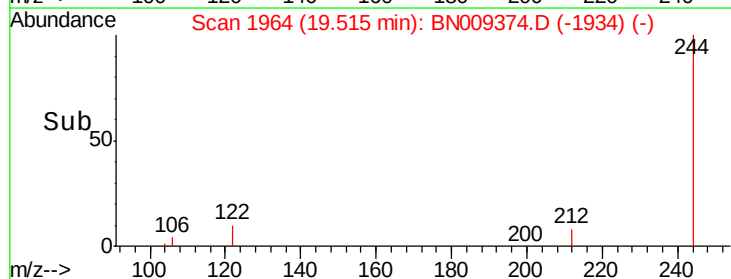
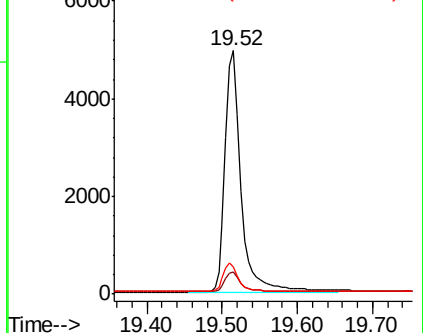
122 11.3 9.8 14.6

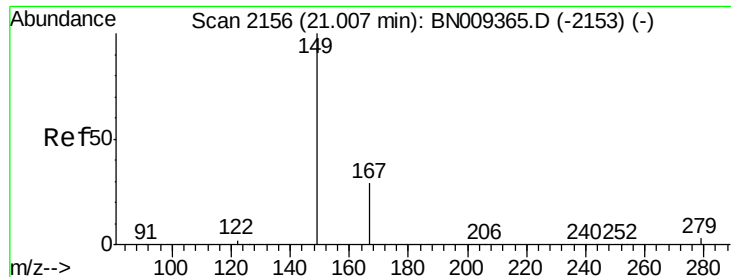


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.190 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN009374.D

Acq: 15 Jan 2020 11:48

Instrument :

BNA_N

ClientSampleId :

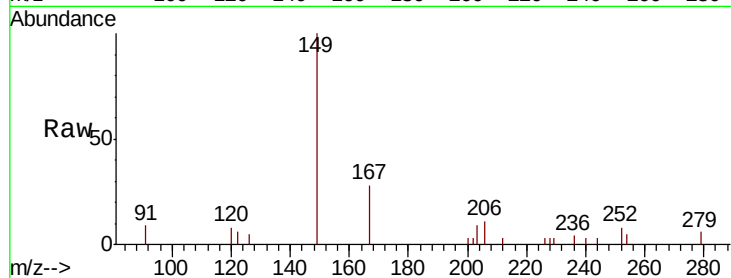
Tot Ion:149 Resp: 1492

Ion Ratio Lower Upper

149 100

167 30.6 22.9 34.3

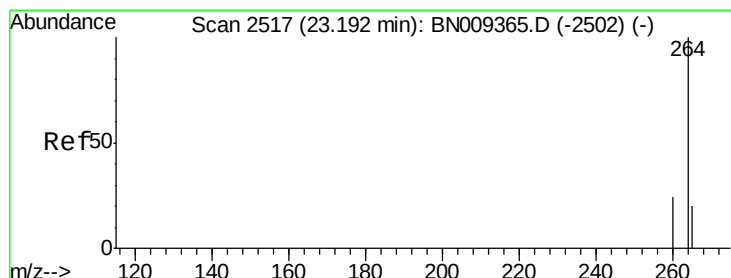
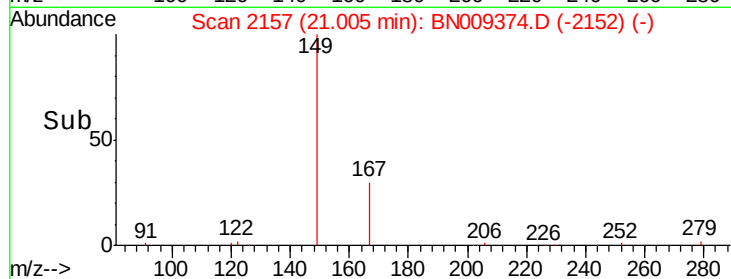
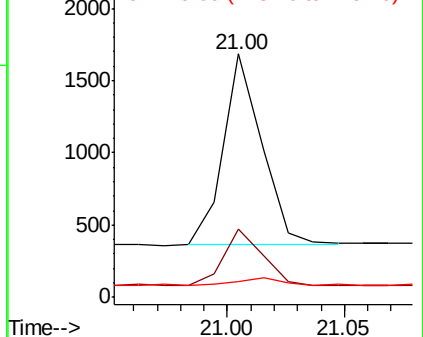
279 5.4 3.4 5.0#



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

Perylene-d12

Concen: 0.400 ng

RT: 23.20 min Scan# 2520

Delta R.T. 0.00 min

Lab File: BN009374.D

Acq: 15 Jan 2020 11:48

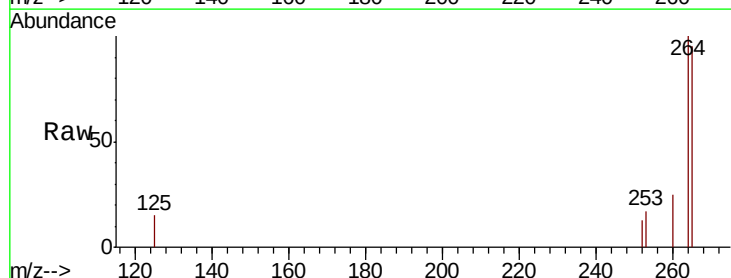
Tgt Ion:264 Resp: 5440

Ion Ratio Lower Upper

264 100

260 25.5 20.1 30.1

265 94.8 68.2 102.4



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

