

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 :

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

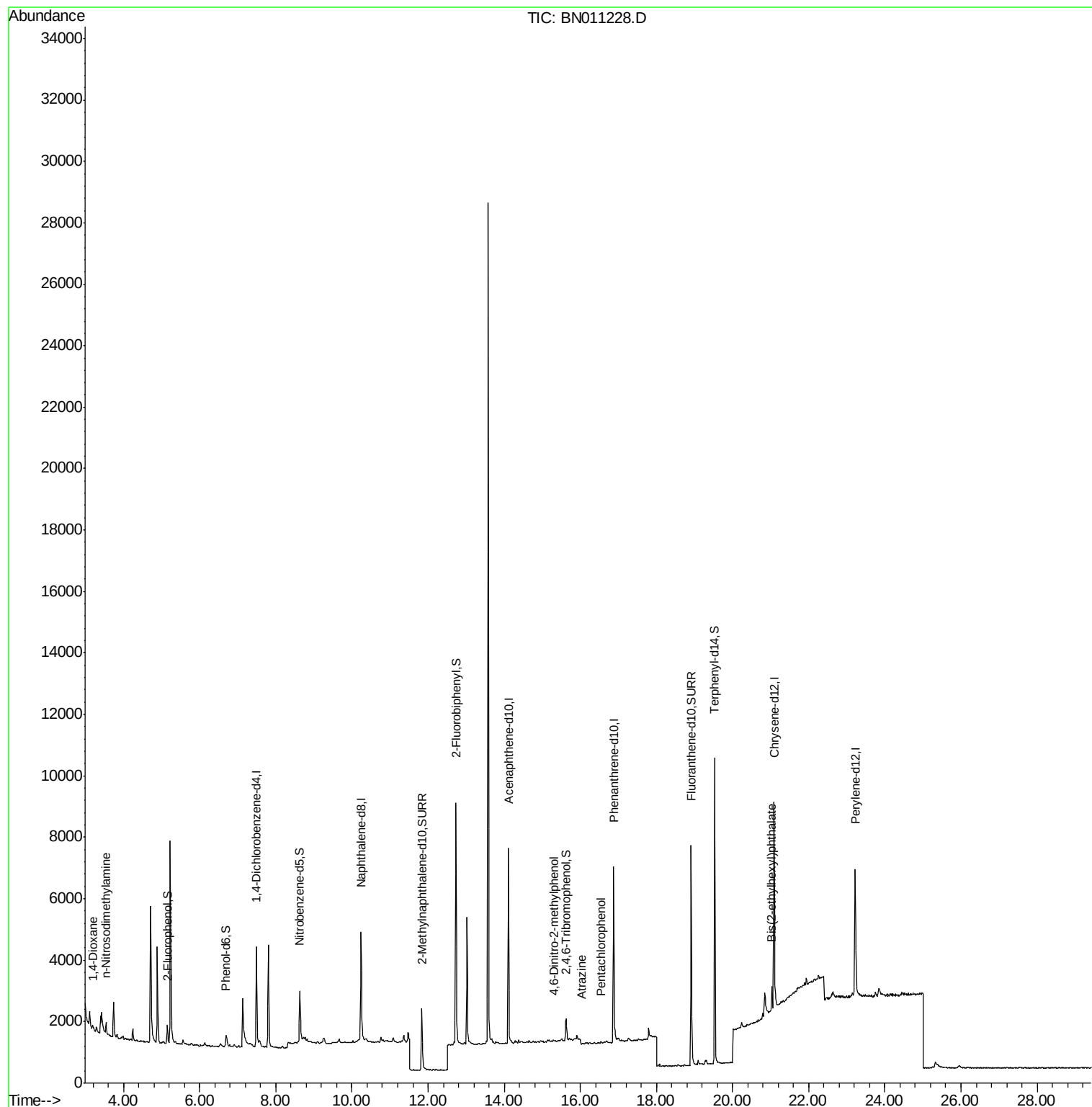
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.19	88	136	0.061	ng	# 1
3) n-Nitrosodimethylamine	3.54	42	96	0.085	ng	# 1
20) 4,6-Dinitro-2-methylphenol	15.30	198	7	0.138	ng	# 1
23) Atrazine	16.03	200	108	0.027	ng	# 1
24) Pentachlorophenol	16.54	266	52	0.026	ng	# 79
34) Bis(2-ethylhexyl)phthalate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

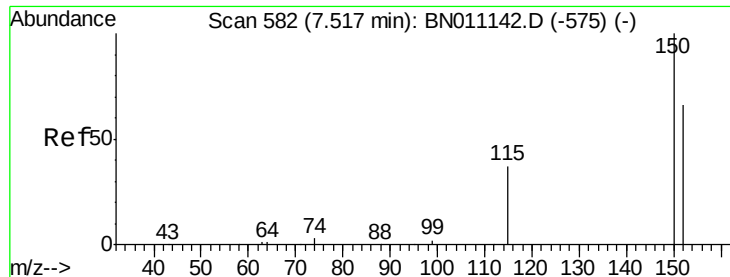
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 22 19:29:31 2020
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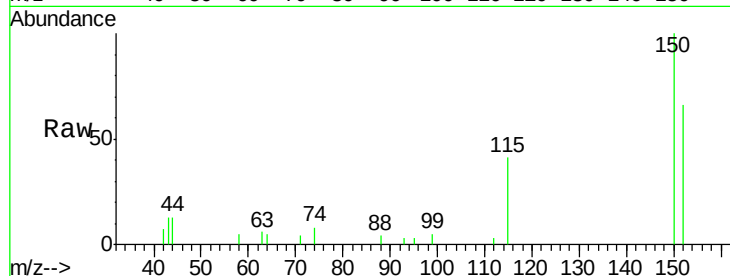


#1

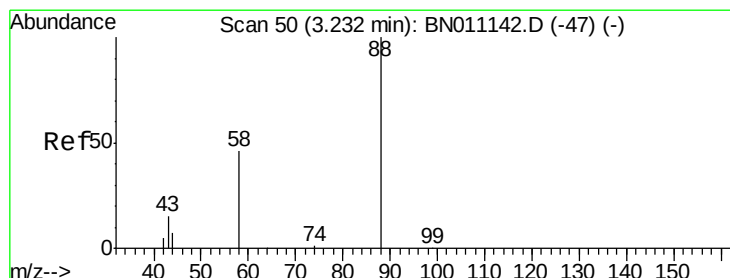
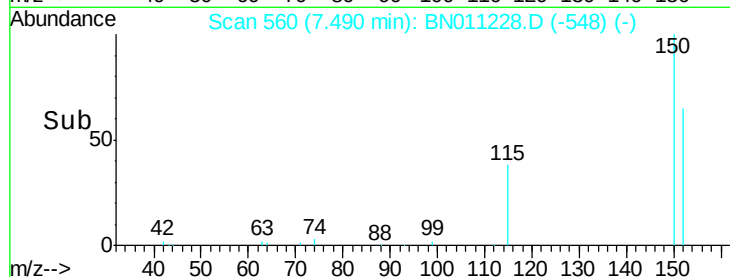
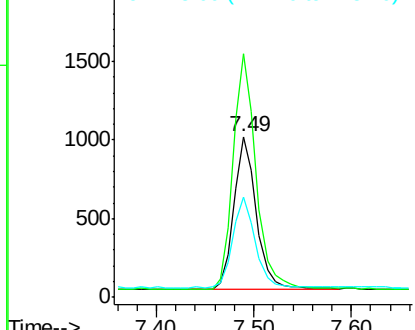
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.49 min Scan# 560
Delta R.T. 0.00 min
Lab File: BN011228.D
Acq: 22 Jul 2020 21:25

Instrument :
BNA_N
ClientSampleId :

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



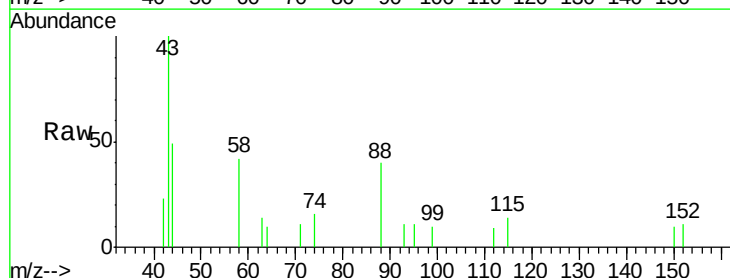
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



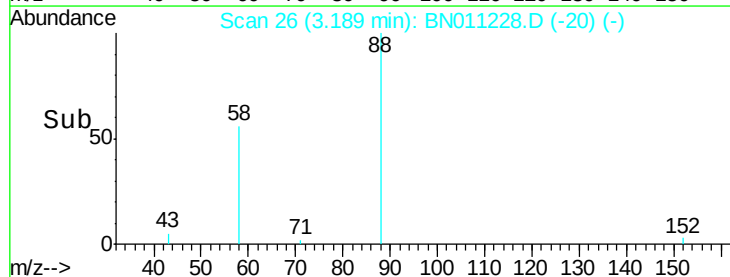
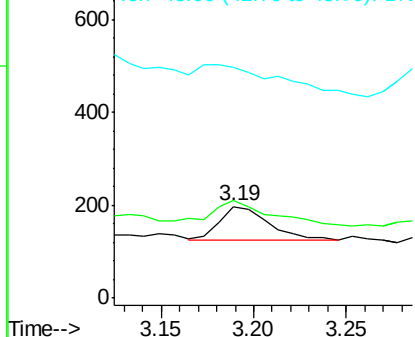
#2

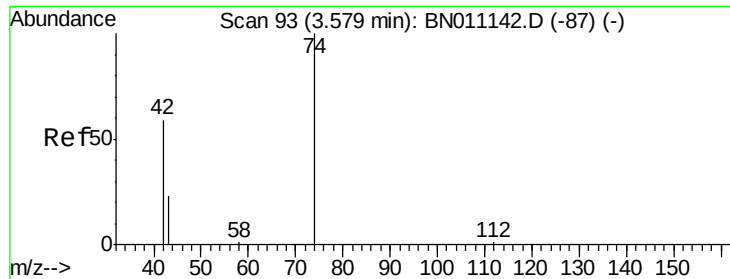
1,4-Dioxane
Concen: 0.061 ng
RT: 3.19 min Scan# 26
Delta R.T. 0.00 min
Lab File: BN011228.D
Acq: 22 Jul 2020 21:25

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



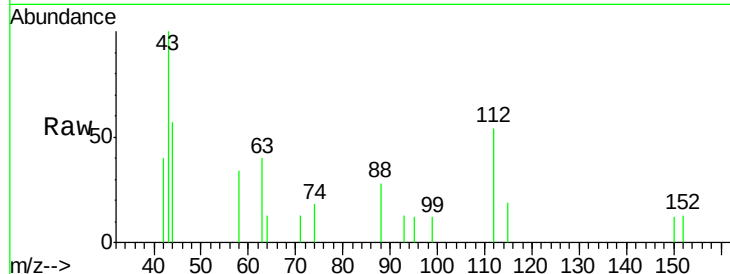


#3

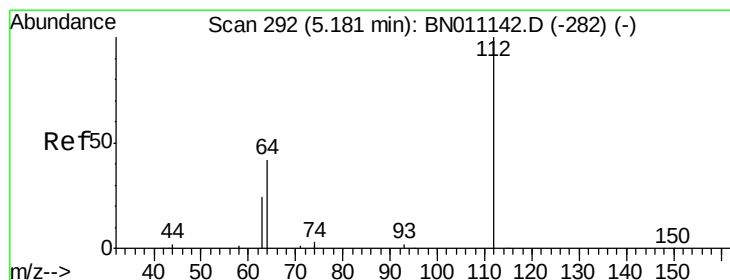
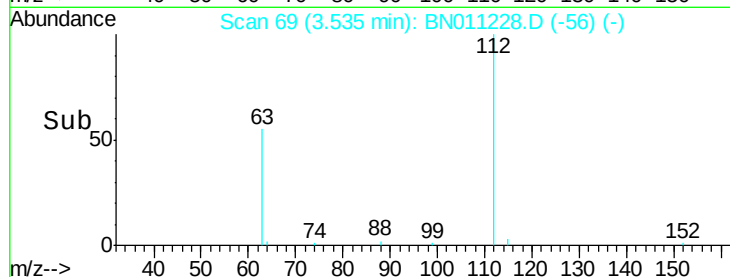
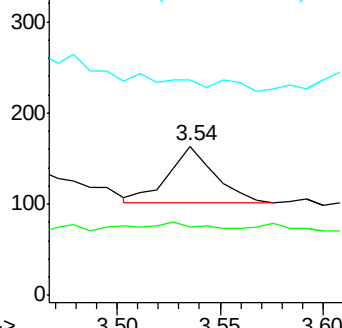
n-Nitrosodimethylamine
 Concen: 0.085 ng
 RT: 3.54 min Scan# 69
 Delta R.T. 0.01 min
 Lab File: BN011228.D
 Acq: 22 Jul 2020 21:25

Instrument :
 BNA_N
 ClientSampled :

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#



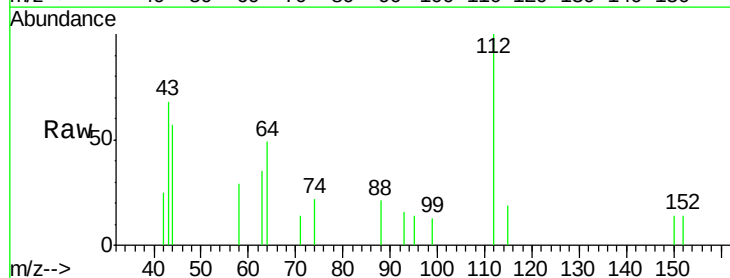
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



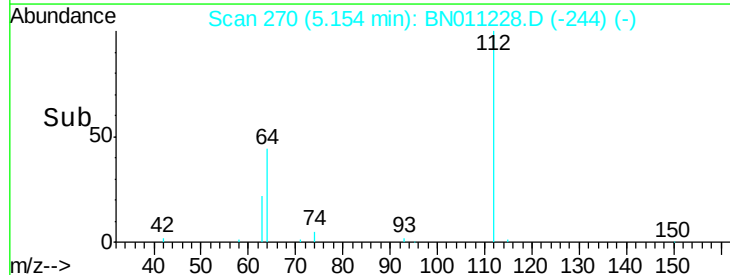
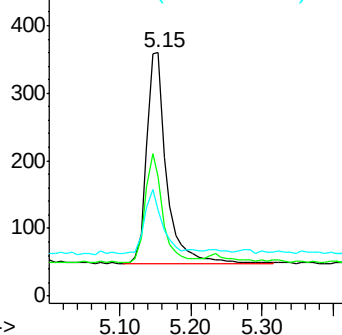
#4

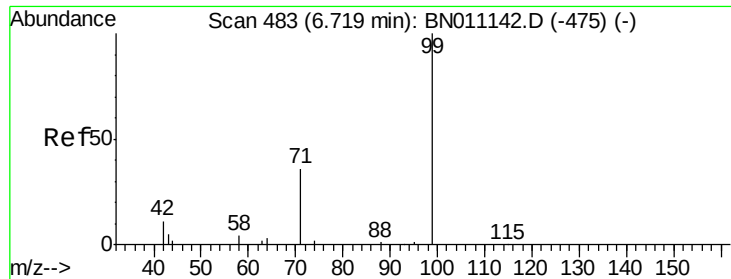
2-Fluorophenol
 Concen: 0.156 ng
 RT: 5.15 min Scan# 270
 Delta R.T. 0.01 min
 Lab File: BN011228.D
 Acq: 22 Jul 2020 21:25

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): BN0
 Ion 63.00 (62.70 to 63.70): BN0





#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 :

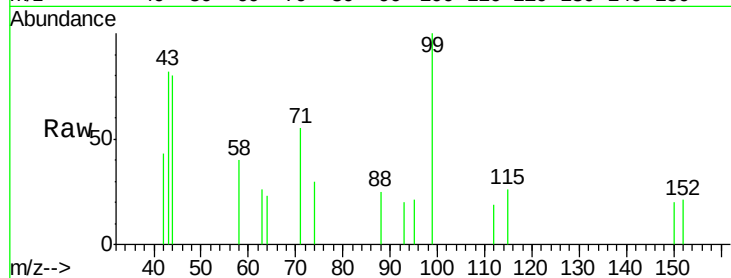
Tot Ion: 99 Resp: 405

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

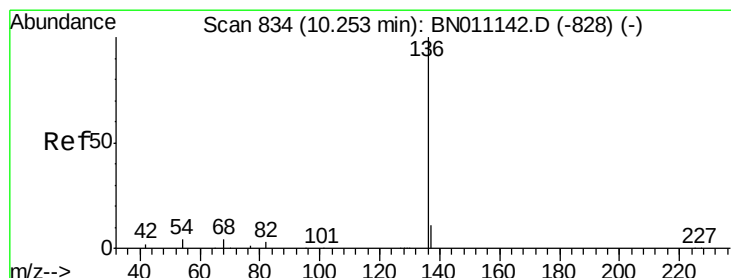
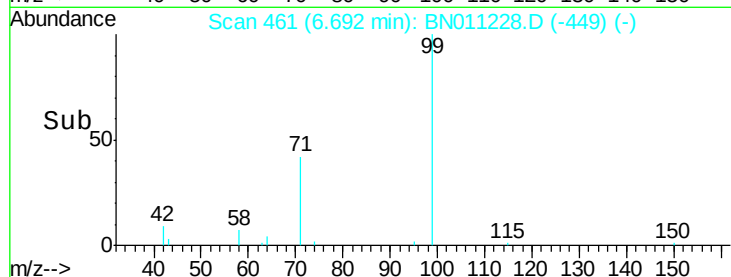
200

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

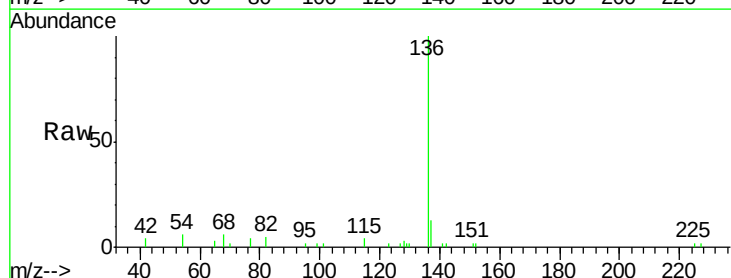
Ion Ratio Lower Upper

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

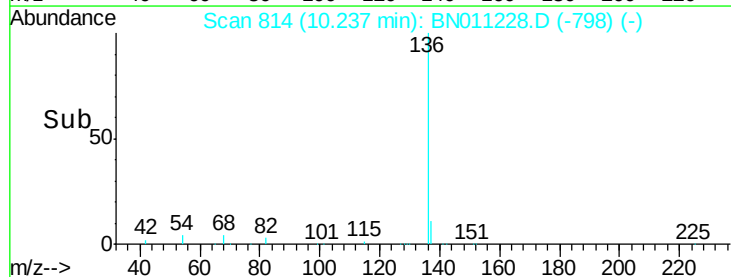
2000

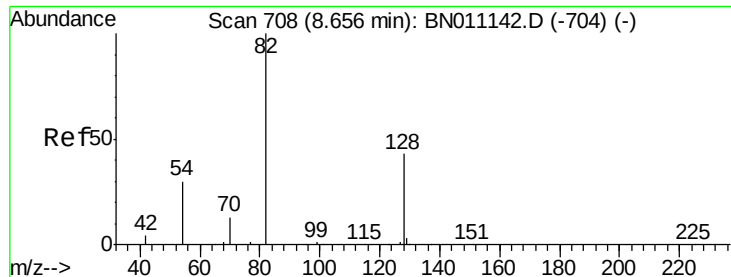
1000

0

10.20 10.40

Time-->

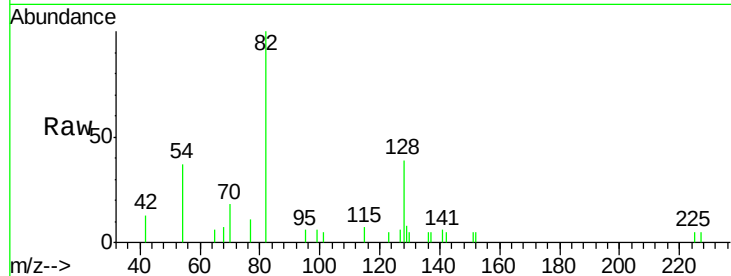




#8
Nitrobenzene-d5
Concen: 0.440 ng
RT: 8.63 min Scan# 687
Delta R.T. 0.00 min
Lab File: BN011228.D
Acq: 22 Jul 2020 21:25

Instrument :
BNA_N
ClientSampleId :

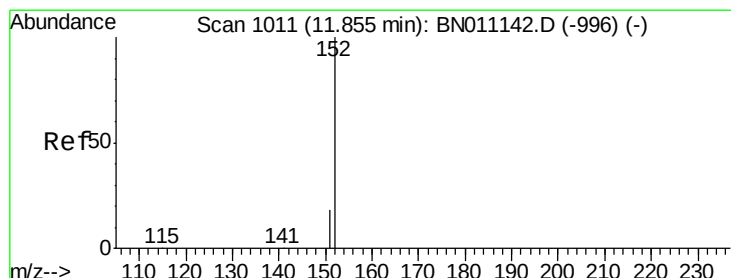
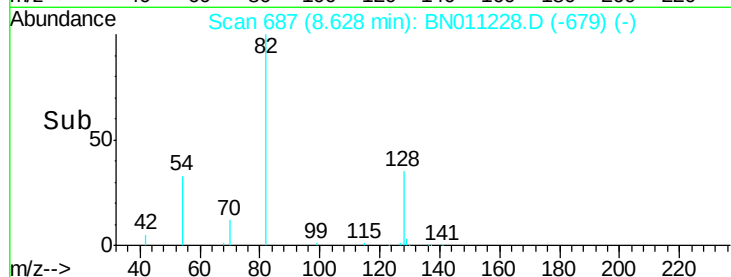
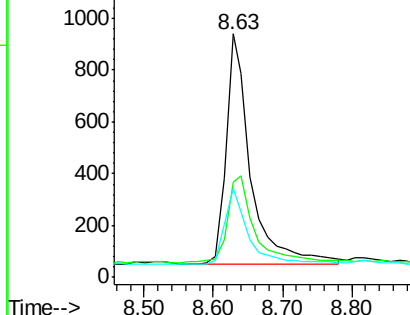
Tot Ion	82	Resp	2236
Ion Ratio	Lower	Upper	
82	100		
128	39.0	38.1	57.1
54	36.7	27.1	40.7



Abundance Ion 82.00 (81.70 to 82.70): BN011142.D (-704) (-)

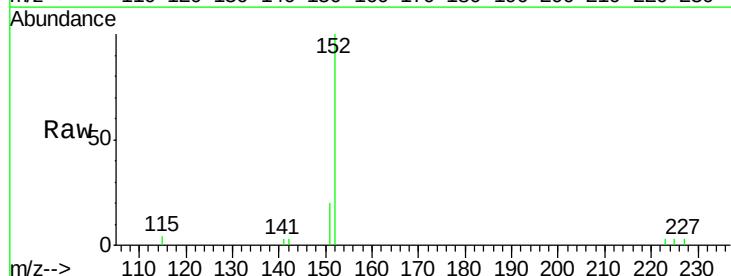
Ion 128.00 (127.70 to 128.70): BN011142.D (-704) (-)

Ion 54.00 (53.70 to 54.70): BN011142.D (-704) (-)



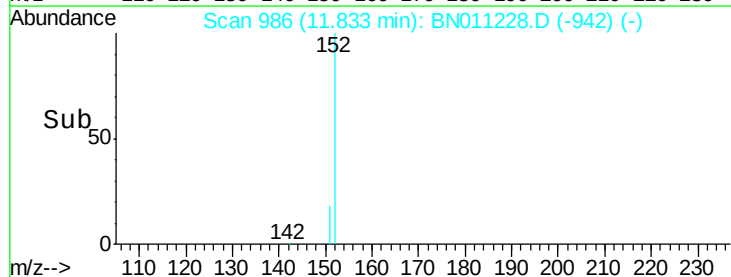
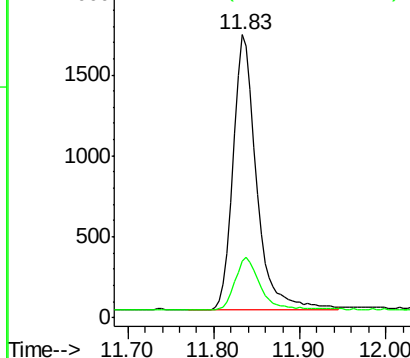
#11
2-Methylnaphthalene-d10
Concen: 0.345 ng
RT: 11.83 min Scan# 986
Delta R.T. -0.00 min
Lab File: BN011228.D
Acq: 22 Jul 2020 21:25

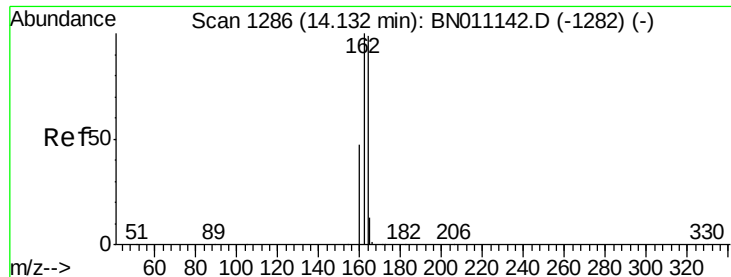
Tgt Ion	152	Resp	3211
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.5	24.7



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 :

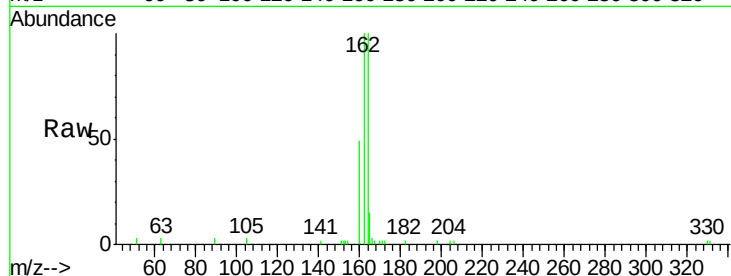
Tot Ion:164 Resp: 3724

Ion Ratio Lower Upper

164 100

162 100.4 81.0 121.4

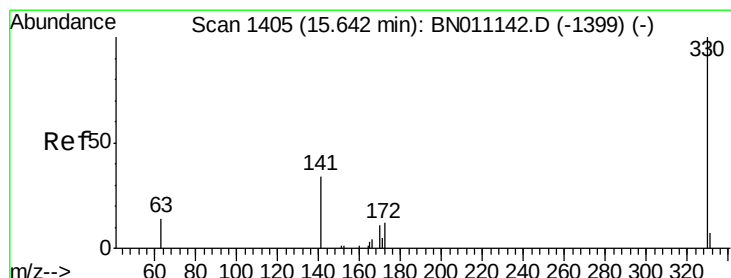
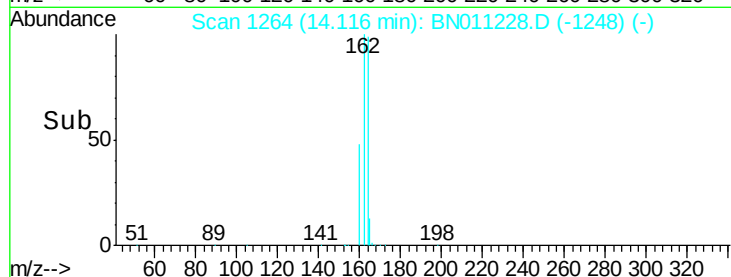
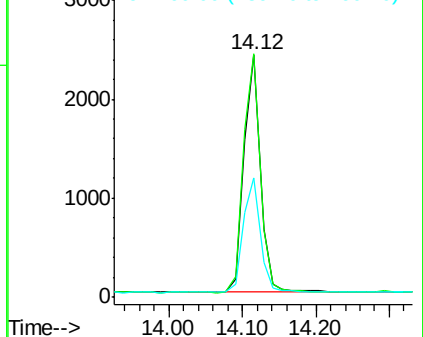
160 49.3 39.0 58.6



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

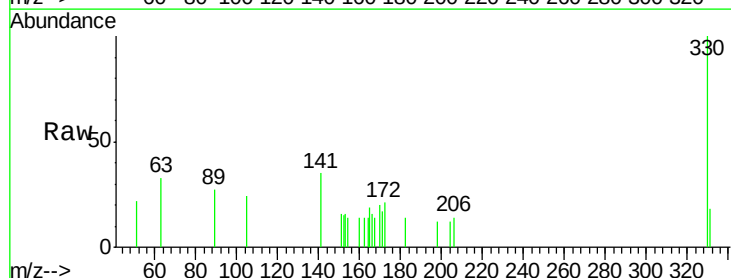
Tgt Ion:330 Resp: 617

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

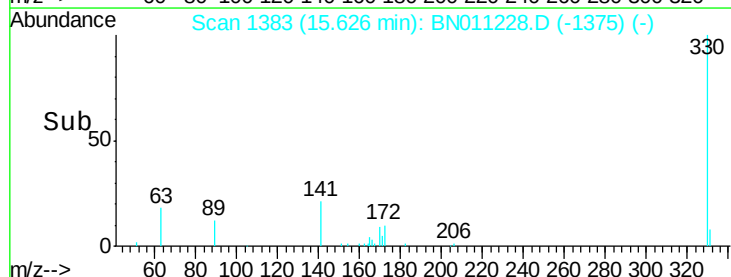
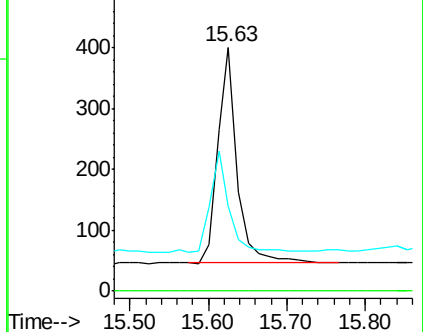
141 47.5 31.5 47.3#

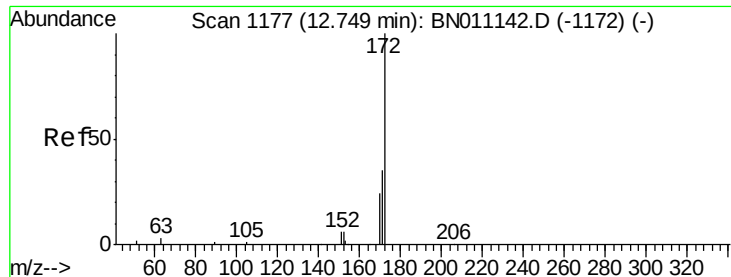


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

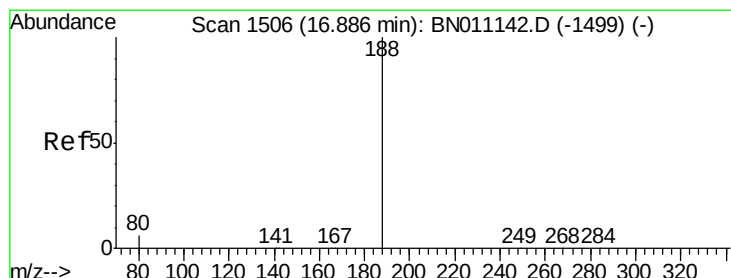
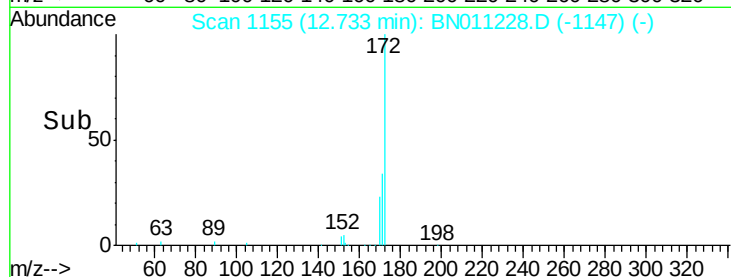
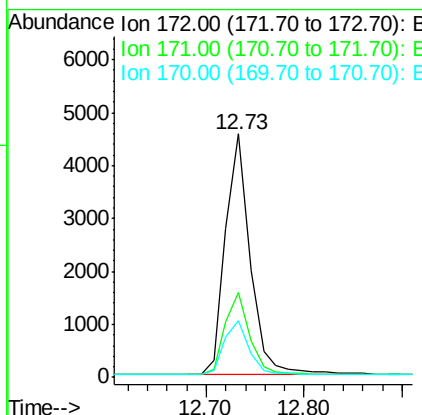
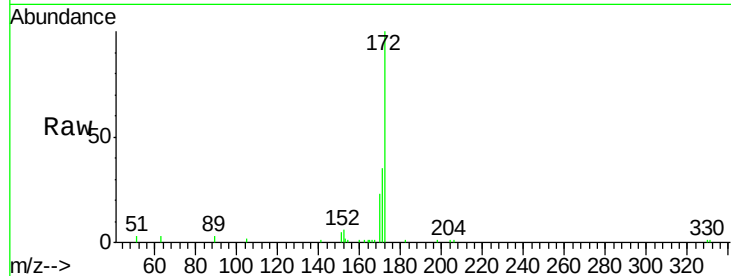




#15
2-Fluorobiphenyl
Concen: 0.460 ng
RT: 12.73 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BN011228.D
Acq: 22 Jul 2020 21:25

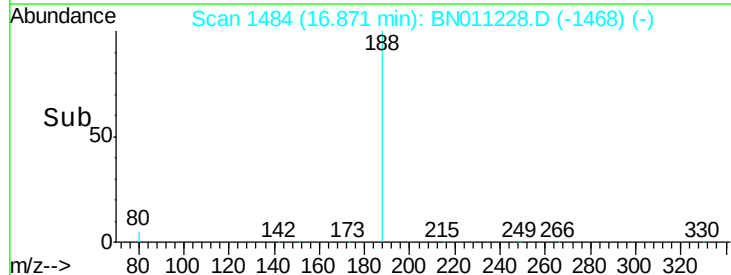
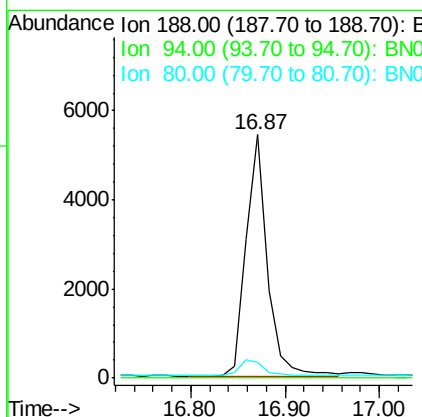
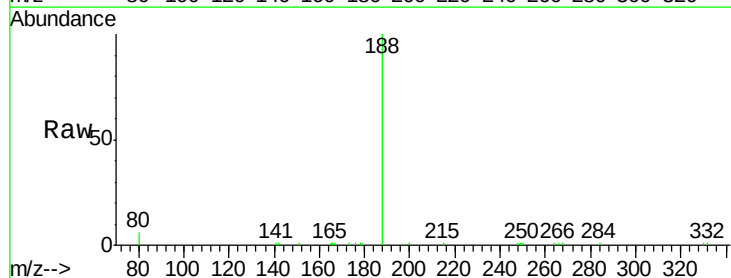
Instrument :
BNA_N
ClientSampleId :

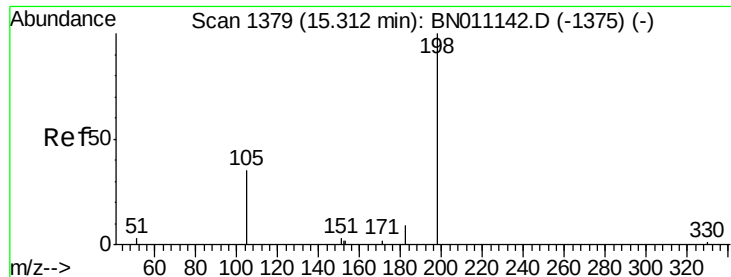
Tot Ion:172 Resp: 8017
Ion Ratio Lower Upper
172 100
171 35.0 29.0 43.6
170 23.5 20.3 30.5



#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

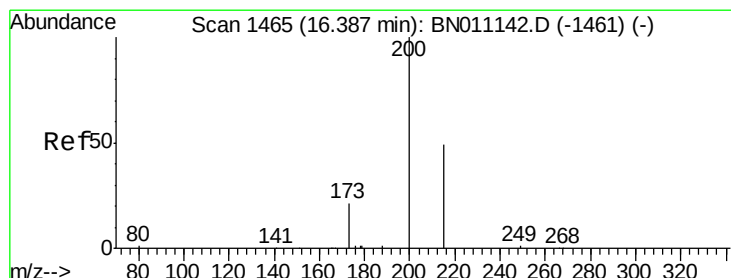
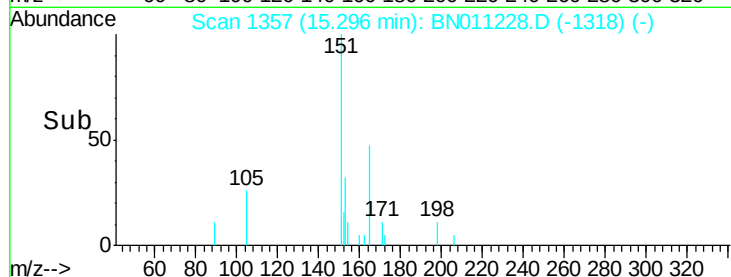
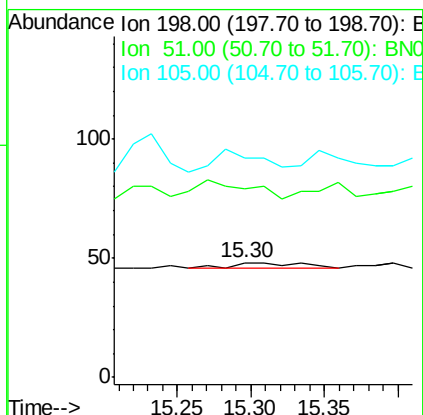
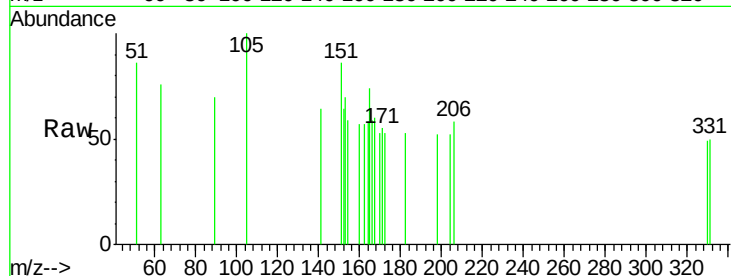




#20
4,6-Dinitro-2-methylphenol
Concen: 0.138 ng
RT: 15.30 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BN011228.D
Acq: 22 Jul 2020 21:25

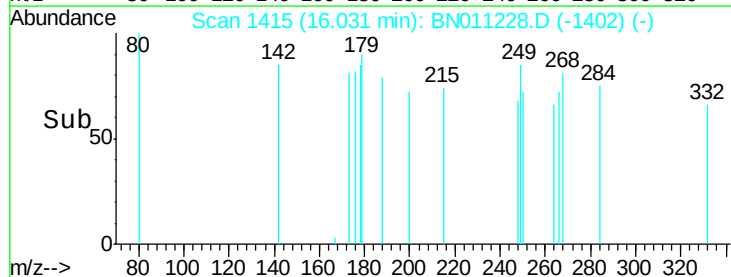
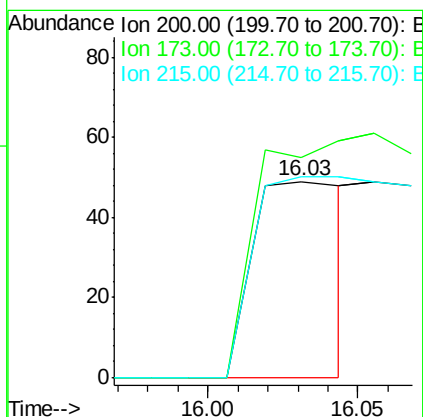
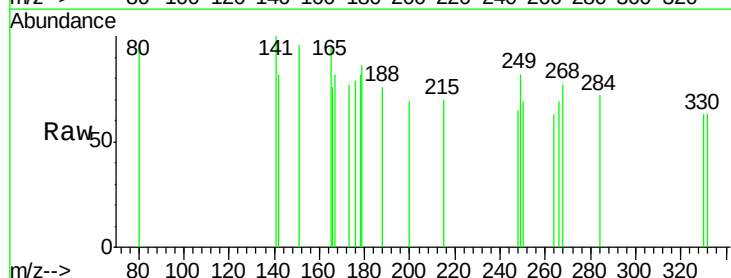
Instrument :
BNA_N
ClientSampleId :

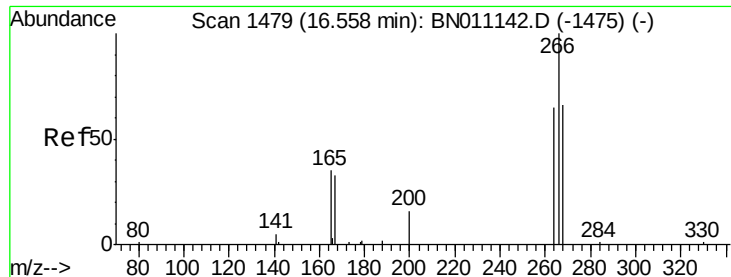
Tot Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 164.6 53.1 79.7#
105 191.7 51.9 77.9#



#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#

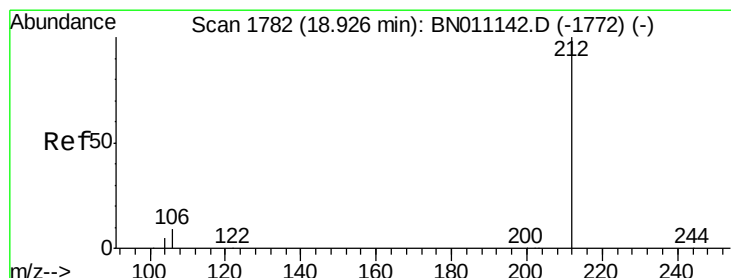
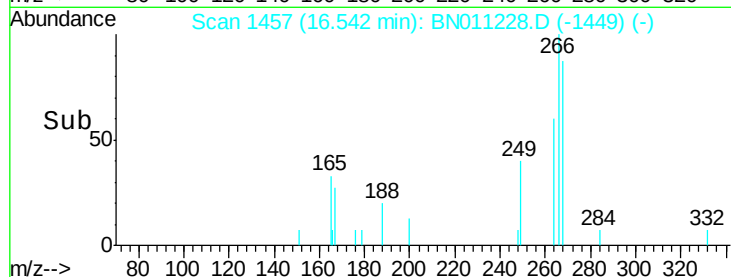
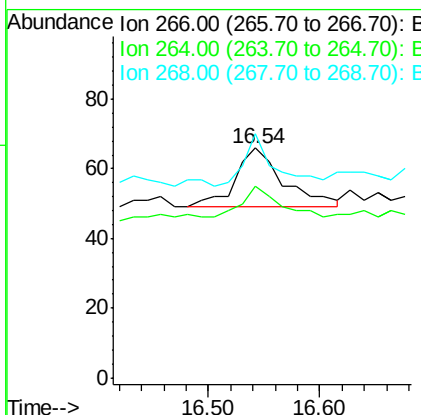
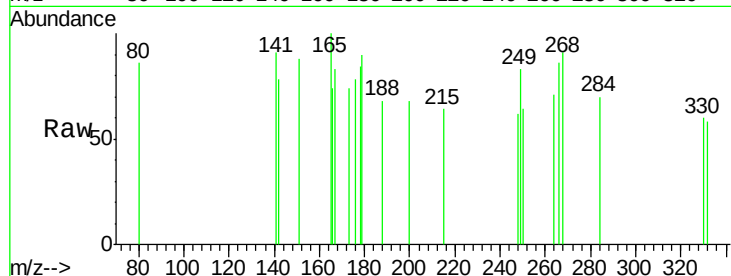




#24
 Pentachlorophenol
 Concen: 0.026 ng
 RT: 16.54 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BN011228.D
 Acq: 22 Jul 2020 21:25

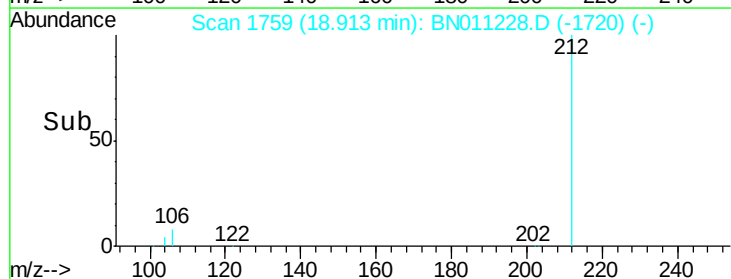
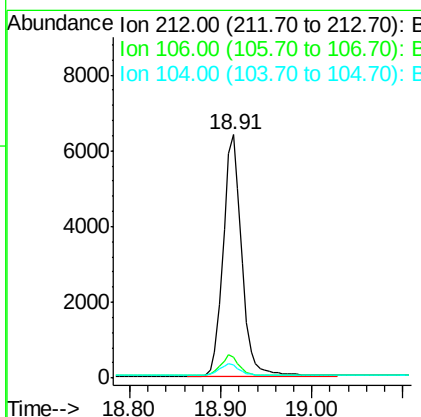
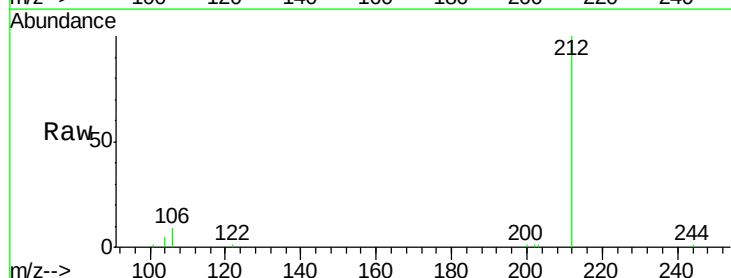
Instrument :
 BNA_N
 ClientSampleId :

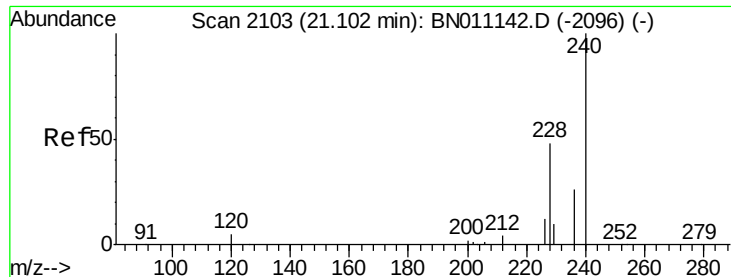
Tot Ion:266 Resp: 52
 Ion Ratio Lower Upper
 266 100
 264 38.5 52.5 78.7#
 268 55.8 48.9 73.3



#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 :

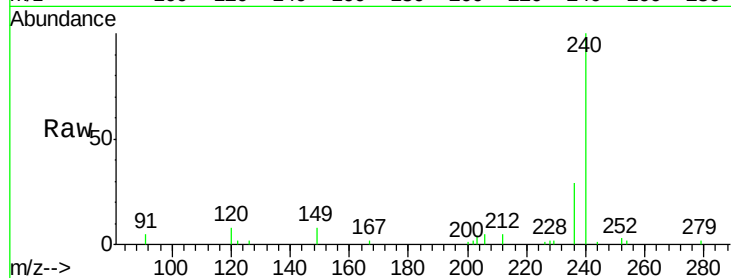
Tot Ion:240 Resp: 7044

Ion Ratio Lower Upper

240 100

120 7.6 6.5 9.7

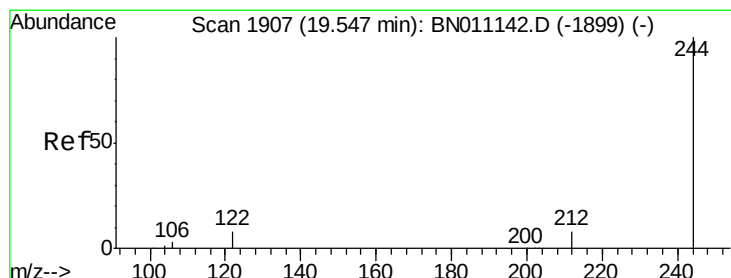
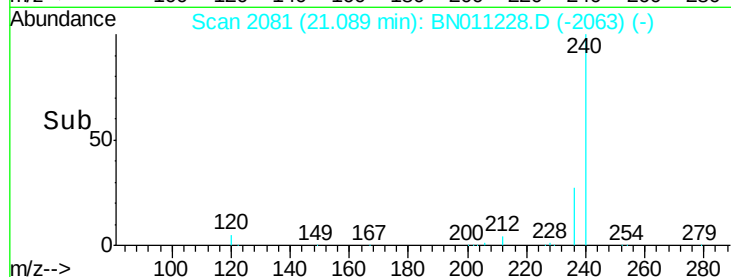
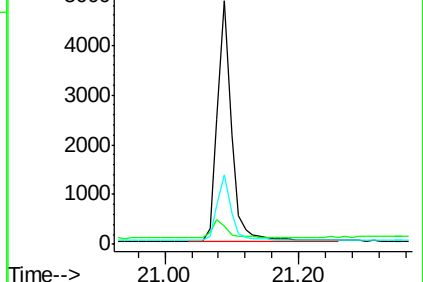
236 28.5 21.9 32.9



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

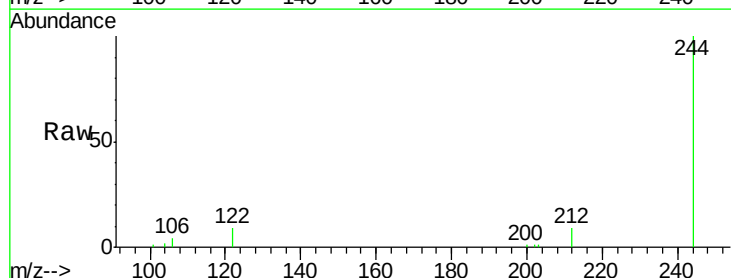
Tgt Ion:244 Resp: 10674

Ion Ratio Lower Upper

244 100

212 9.3 7.8 11.6

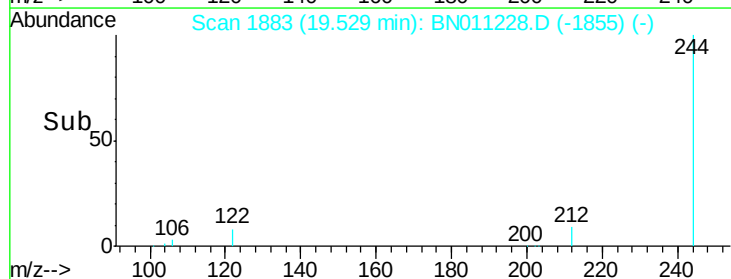
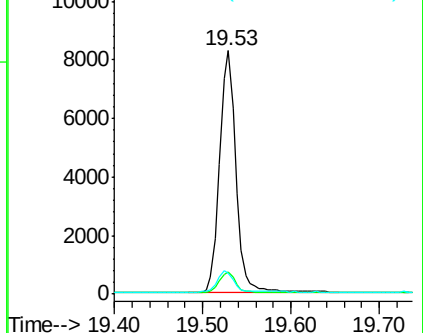
122 8.6 7.4 11.0

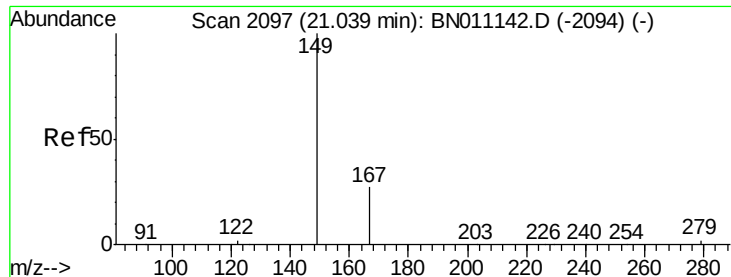


Abundance Ion 244.00 (243.70 to 244.70): E

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

ClientSampled :

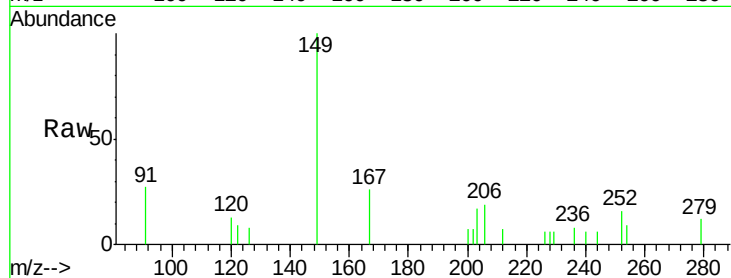
Tot Ion:149 Resp: 833

Ion Ratio Lower Upper

149 100

167 26.8 23.4 35.0

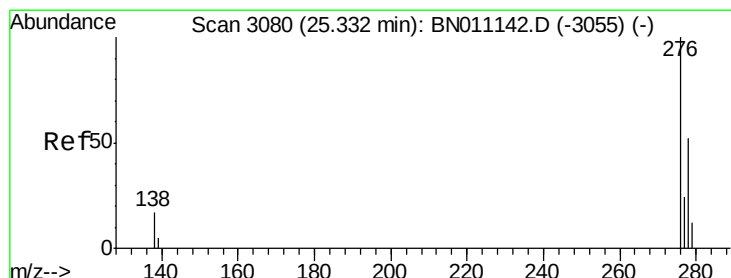
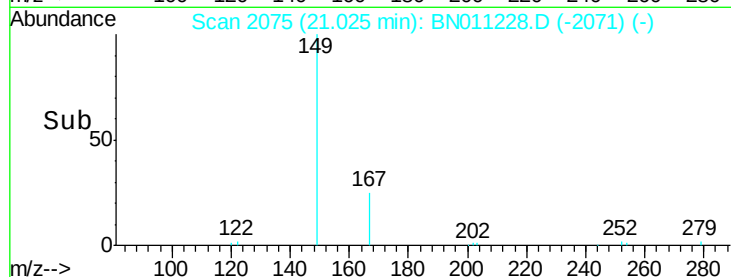
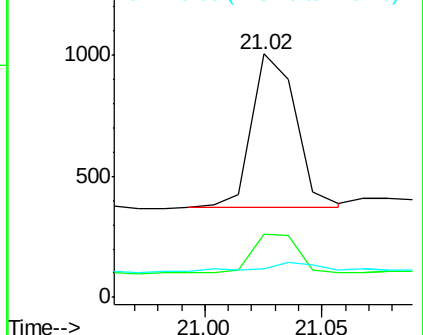
279 7.1 4.5 6.7#



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



#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

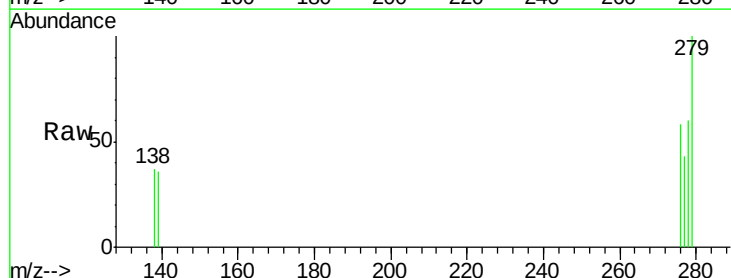
Tgt Ion:276 Resp: 255

Ion Ratio Lower Upper

276 100

138 3.5 13.0 19.6#

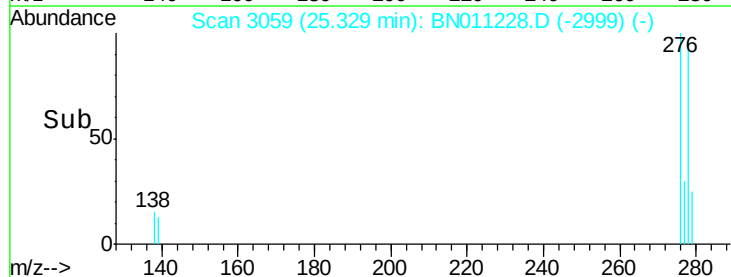
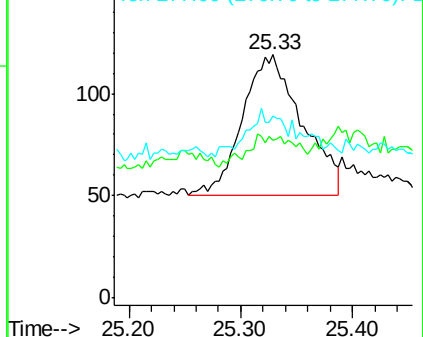
277 7.8 19.7 29.5#

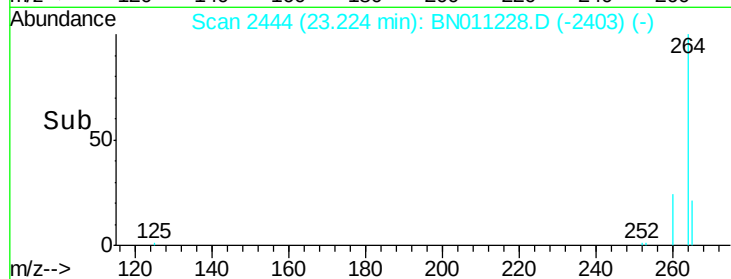
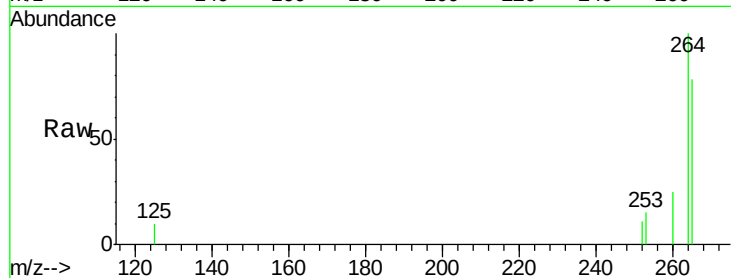
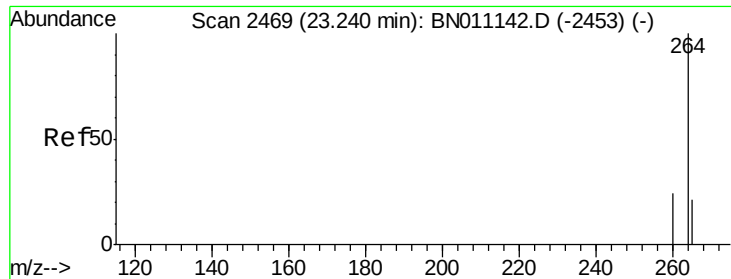


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#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 :

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

