

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
 Data File : BP000636.D
 Acq On : 11 Oct 2019 17:10
 Operator : JU
 Sample : K5266-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 11 23:08:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

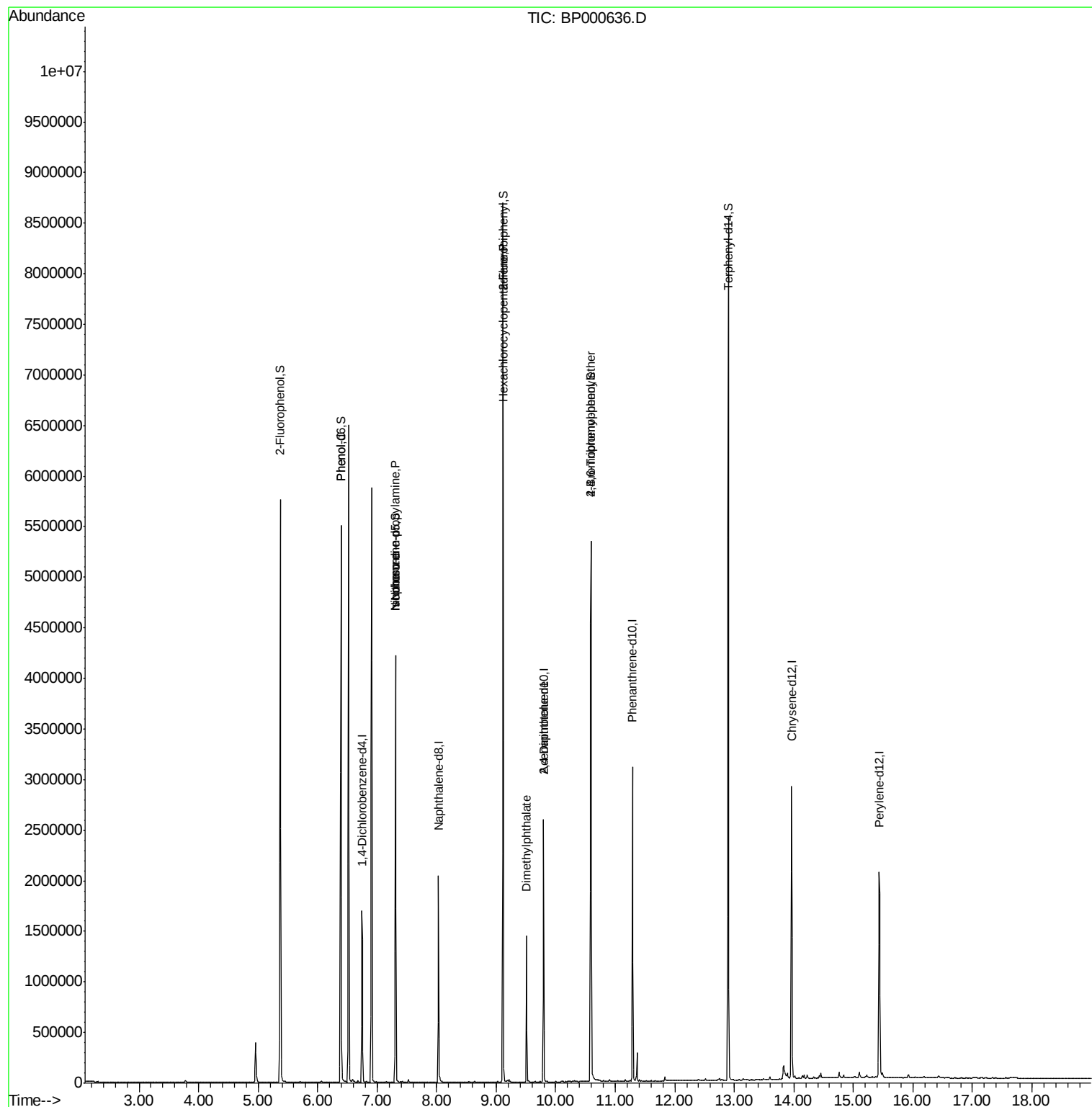
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	259500	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	941961	20.00	ng	-0.03
39) Acenaphthene-d10	9.79	164	540268	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	1017802	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	887290	20.00	ng	-0.02
87) Perylene-d12	15.43	264	921513	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1933309	119.76	ng	-0.02
7) Phenol-d6	6.39	99	2444602	125.66	ng	-0.02
23) Nitrobenzene-d5	7.31	82	1356562	87.96	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	724348	125.82	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	2656412	79.55	ng	-0.02
79) Terphenyl-d14	12.90	244	3095997	70.65	ng	-0.02
Target Compounds						
10) Phenol	6.40	94	124974	6.274	ng	93
19) n-Nitroso-di-n-propylamine	7.31	70	166404	18.557	ng	# 73
25) Isophorone	7.31	82	1356219	49.547	ng	# 61
41) Hexachlorocyclopentadiene	9.10	237	7	7.298	ng	91
50) Dimethylphthalate	9.51	163	506843	13.501	ng	100
57) 2,4-Dinitrotoluene	9.79	165	70136	6.461	ng	# 31
67) 4-Bromophenyl-phenylether	10.59	248	50701	4.425	ng	# 1

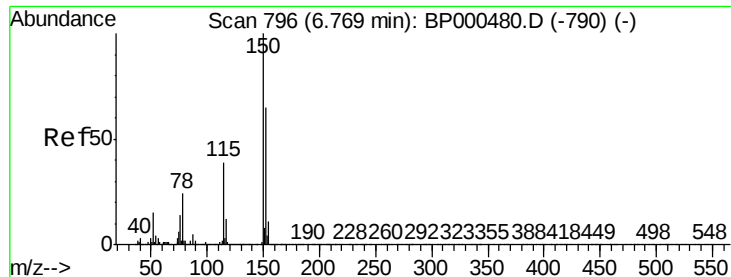
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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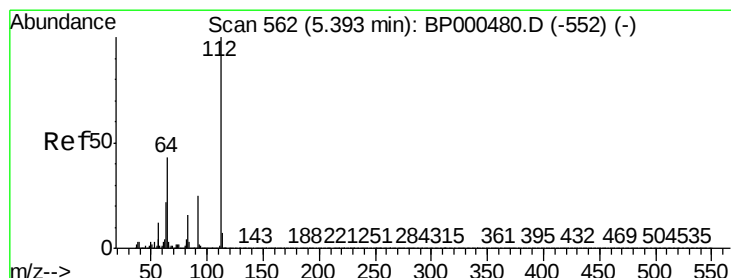
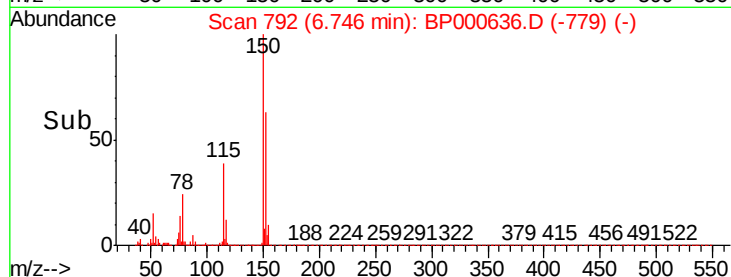
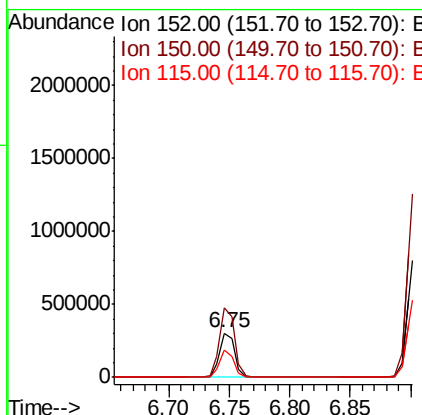
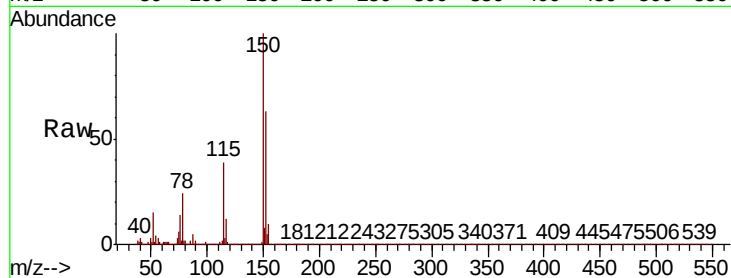


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000636.D
Acq: 11 Oct 2019 17:10

Instrument :
BNA_P
ClientSampleId :

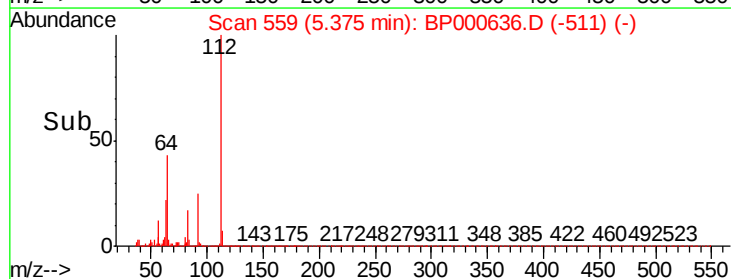
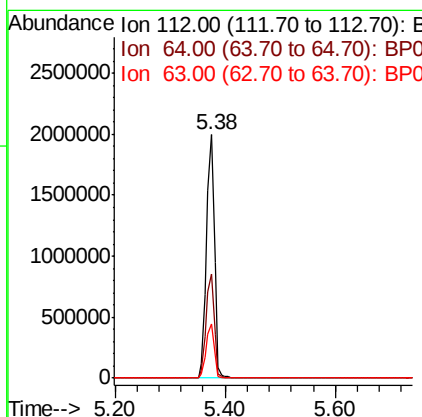
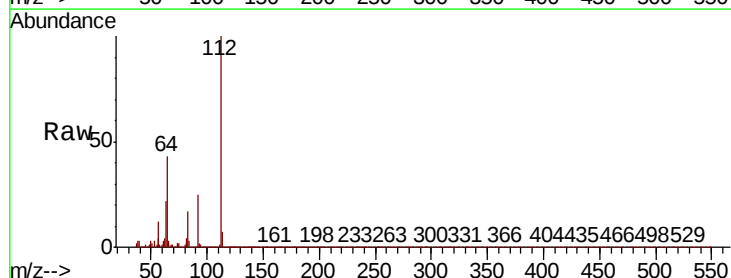
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.1	186.1
115	61.2	48.7	73.1

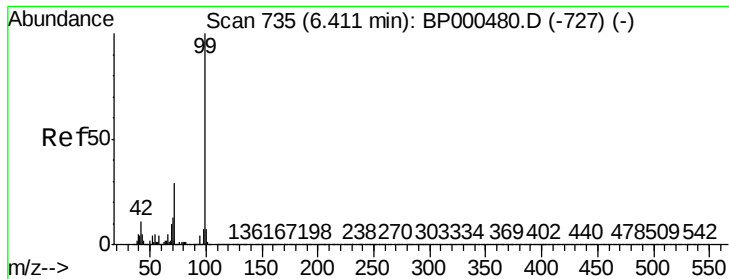


#5

2-Fluorophenol
Concen: 119.757 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000636.D
Acq: 11 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.7	34.2	51.4
63	22.0	17.9	26.9





#7

Phenol-d6

Concen: 125.662 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000636.D

Acq: 11 Oct 2019 17:10

Instrument :

BNA_P

ClientSampleId :

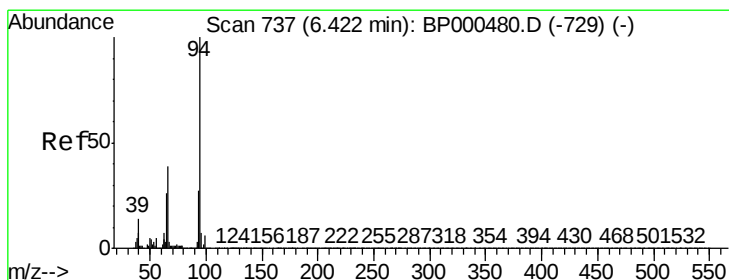
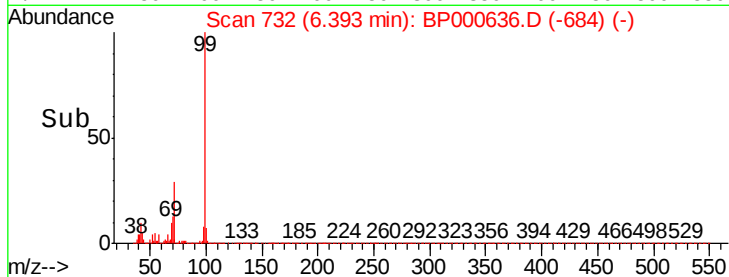
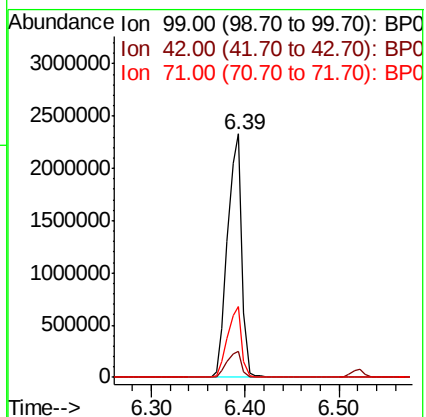
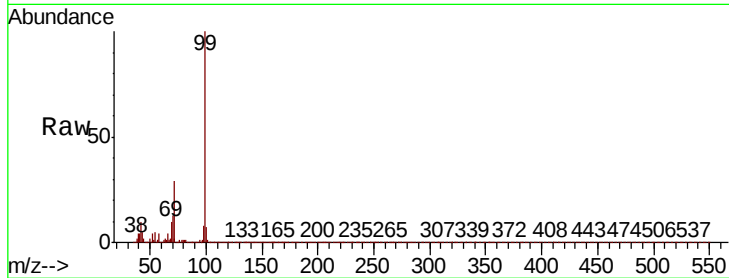
Tot Ion: 99 Resp: 2444602

Ion Ratio Lower Upper

99 100

42 10.5 8.6 12.8

71 28.9 23.0 34.4



#10

Phenol

Concen: 6.274 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BP000636.D

Acq: 11 Oct 2019 17:10

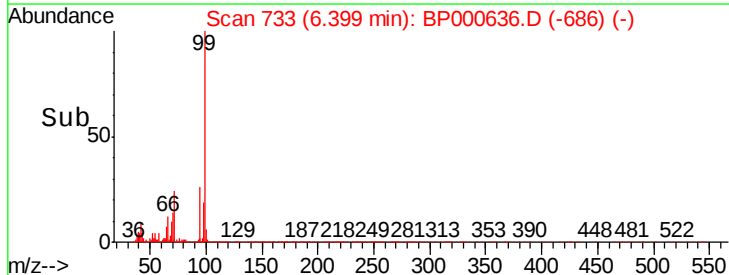
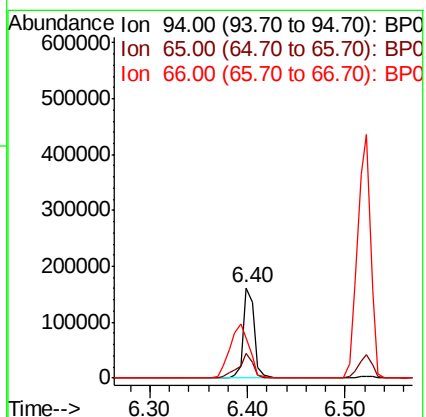
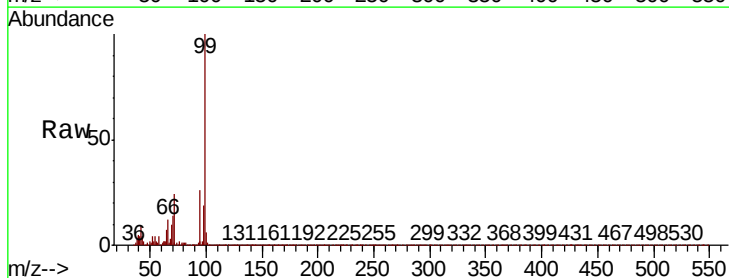
Tgt Ion: 94 Resp: 124974

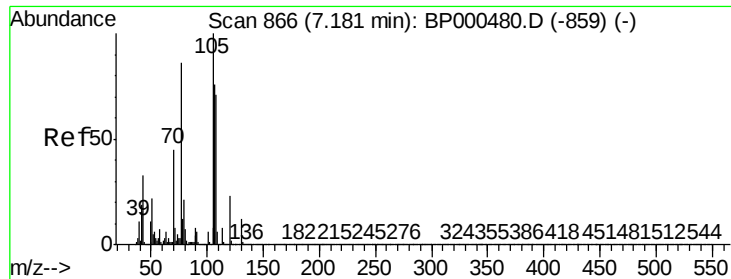
Ion Ratio Lower Upper

94 100

65 27.0 5.9 45.9

66 44.8 18.8 58.8

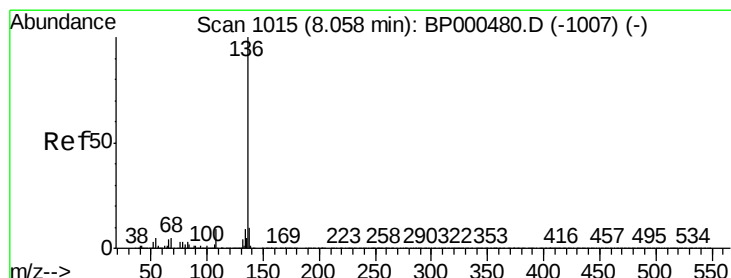
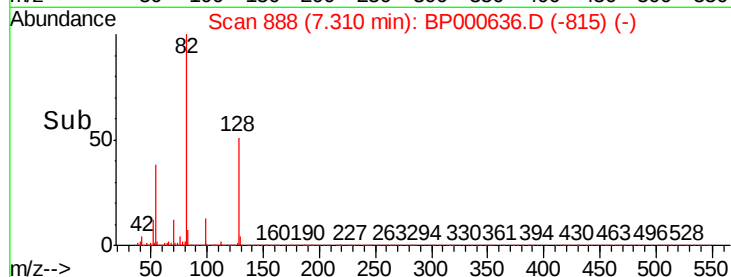
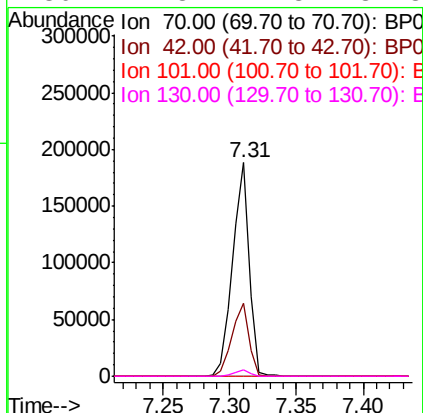
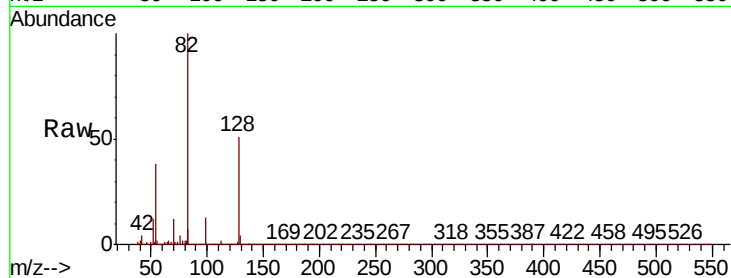




#19
n-Nitroso-di-n-propylamine
Concen: 18.557 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000636.D
Acq: 11 Oct 2019 17:10

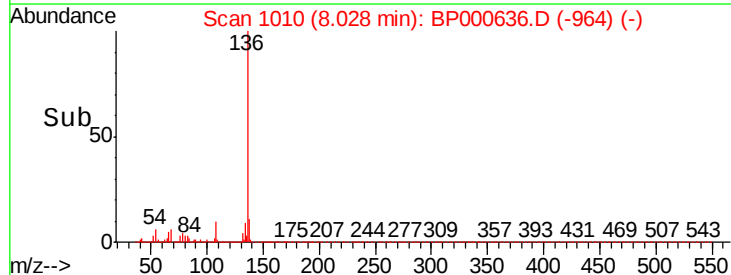
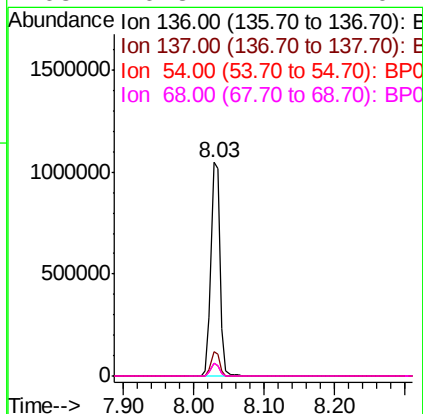
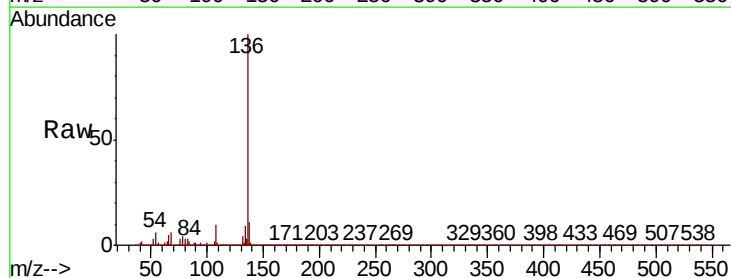
Instrument :
BNA_P
ClientSampled :

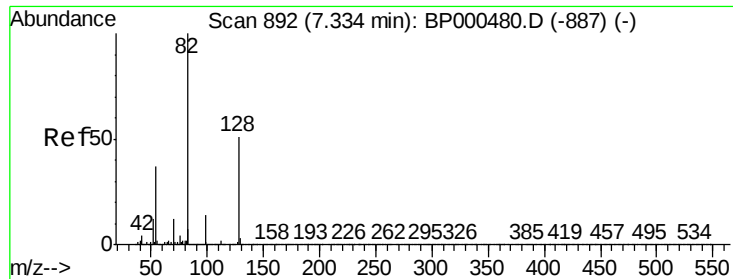
Tot Ion:	70	Resp:	166404
Ion	Ratio	Lower	Upper
70	100		
42	34.2	33.2	49.8
101	0.0	9.9	14.9#
130	2.8	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BP000636.D
Acq: 11 Oct 2019 17:10

Tgt Ion:	136	Resp:	941961
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.4
54	6.3	4.1	6.1#
68	6.3	4.1	6.1#

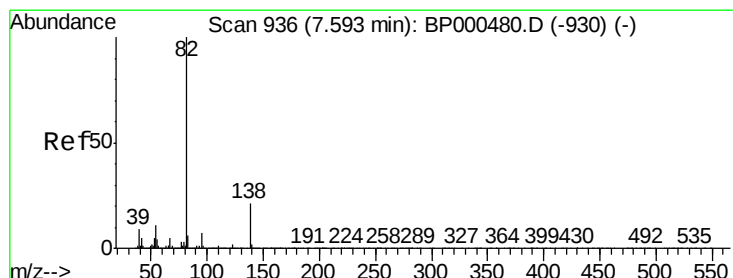
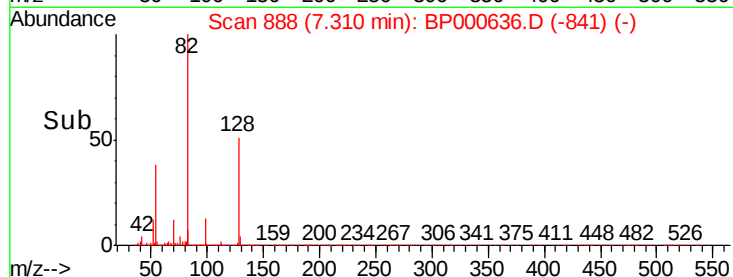
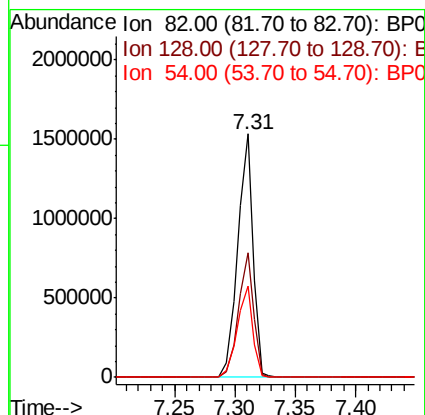
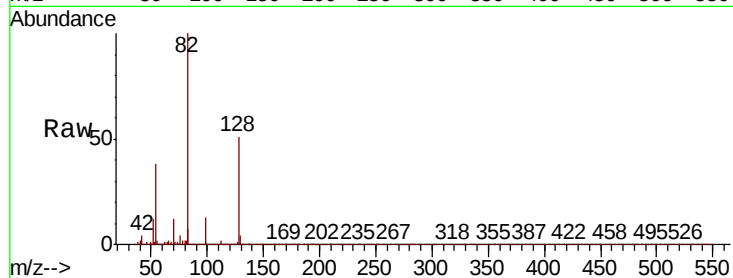




#23
Nitrobenzene-d5
Concen: 87.957 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000636.D
Acq: 11 Oct 2019 17:10

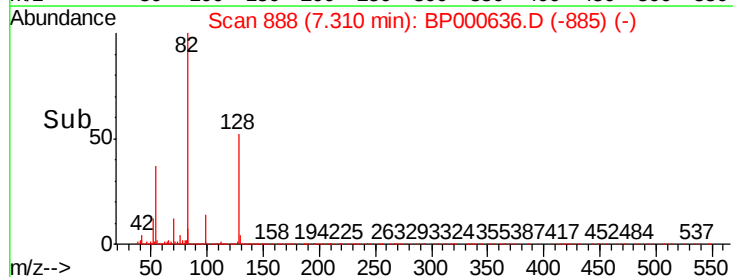
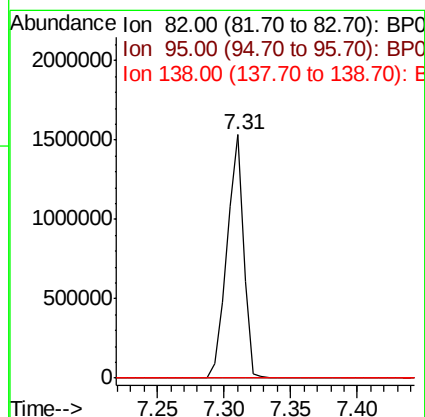
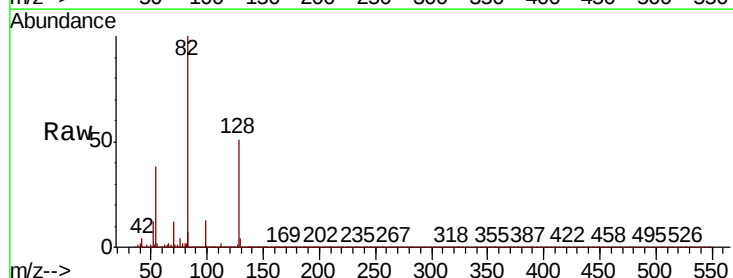
Instrument :
BNA_P
ClientSampleId :

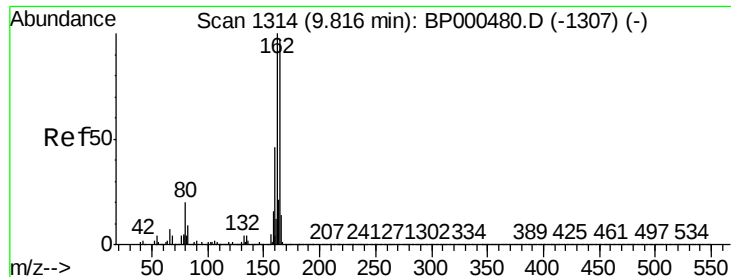
Tot Ion: 82 Resp: 1356562
Ion Ratio Lower Upper
82 100
128 51.2 40.9 61.3
54 37.5 29.4 44.2



#25
Isophorone
Concen: 49.547 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000636.D
Acq: 11 Oct 2019 17:10

Tgt Ion: 82 Resp: 1356219
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 17.0 25.4#

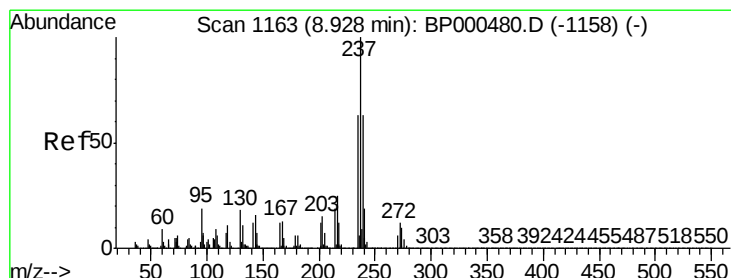
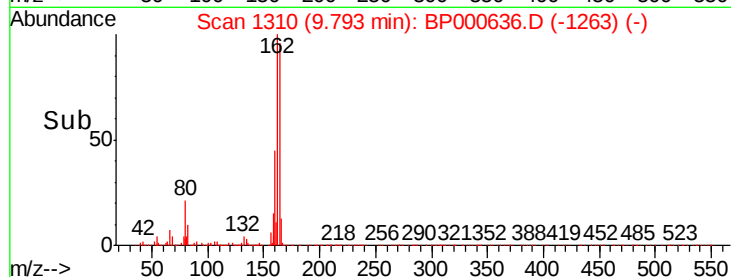
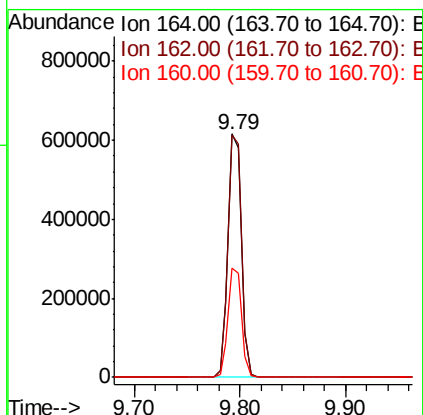
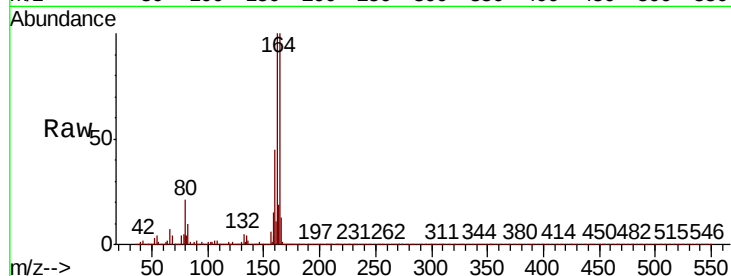




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BP000636.D
Acq: 11 Oct 2019 17:10

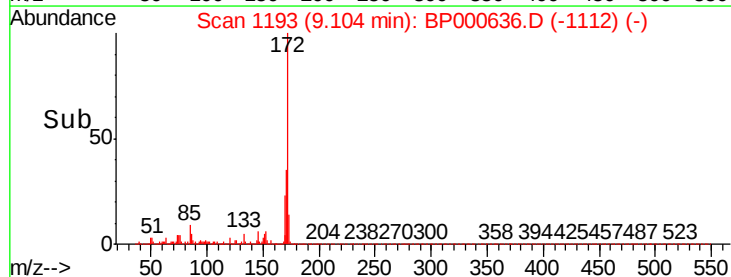
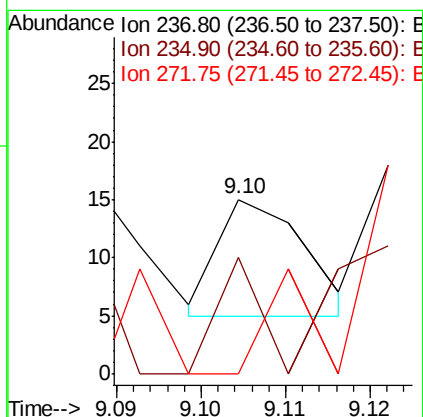
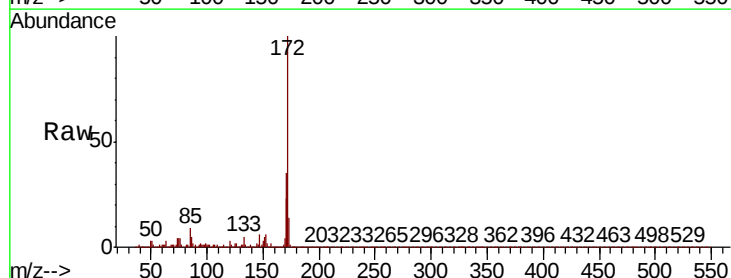
Instrument :
BNA_P
ClientSampleId :

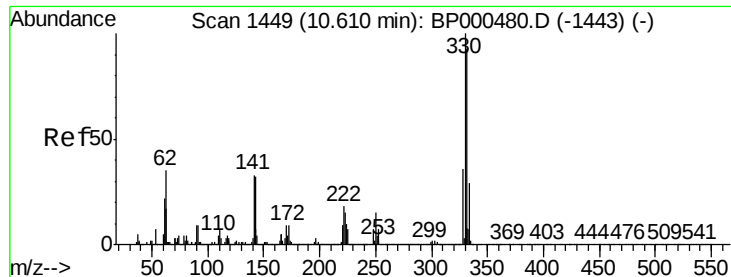
Tot Ion:164 Resp: 540268
Ion Ratio Lower Upper
164 100
162 99.8 82.2 123.2
160 44.9 37.6 56.4



#41
Hexachlorocyclopentadiene
Concen: 7.298 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.18 min
Lab File: BP000636.D
Acq: 11 Oct 2019 17:10

Tgt Ion:237 Resp: 7
Ion Ratio Lower Upper
237 100
235 66.7 42.9 82.9
272 0.0 0.0 32.4

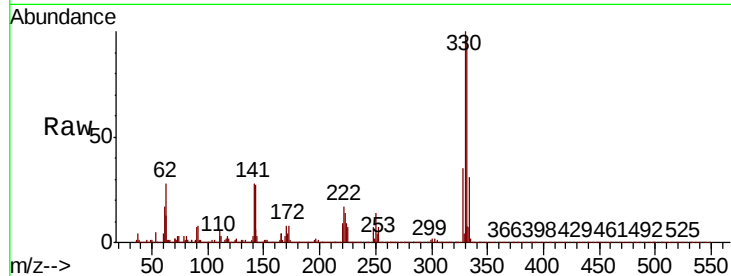




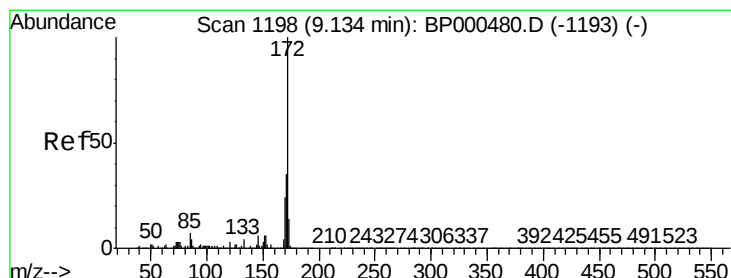
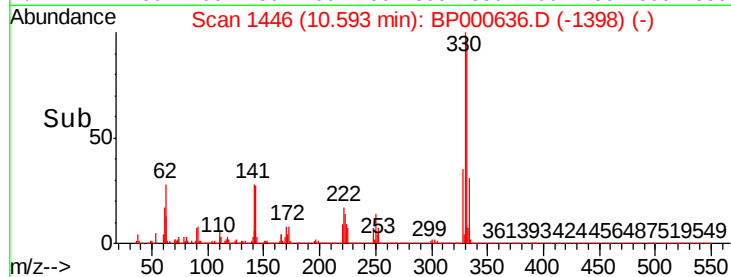
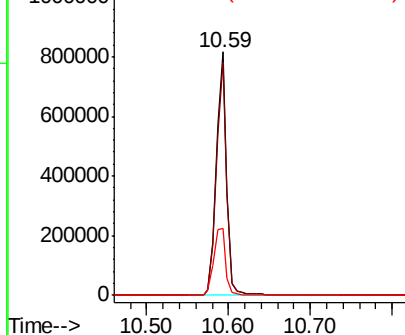
#42
2,4,6-Tribromophenol
Concen: 125.816 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000636.D
Acq: 11 Oct 2019 17:10

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 724348
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 31.7 26.0 39.0

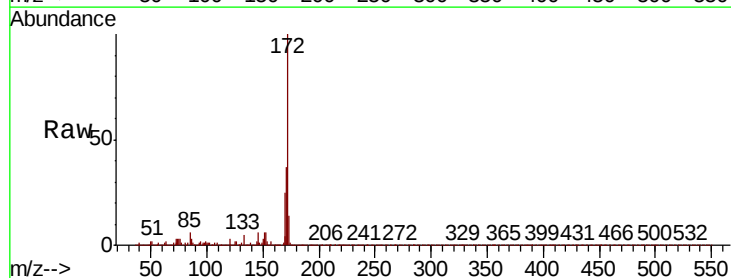


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

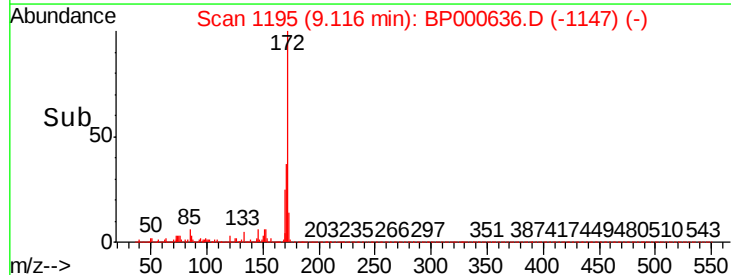
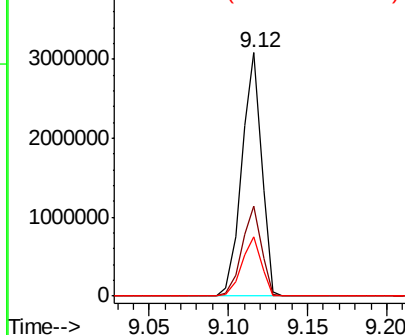


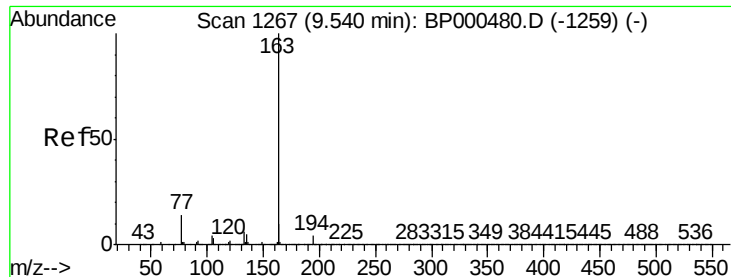
#45
2-Fluorobiphenyl
Concen: 79.554 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000636.D
Acq: 11 Oct 2019 17:10

Tgt Ion:172 Resp: 2656412
Ion Ratio Lower Upper
172 100
171 36.8 28.4 42.6
170 24.6 19.1 28.7



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 13.501 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.03 min

Lab File: BP000636.D

Acq: 11 Oct 2019 17:10

Instrument :

BNA_P

ClientSampleId :

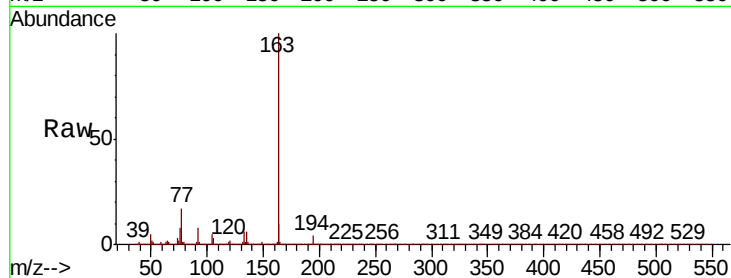
Tot Ion:163 Resp: 506843

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

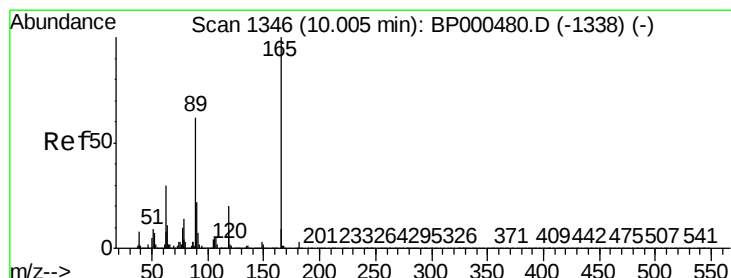
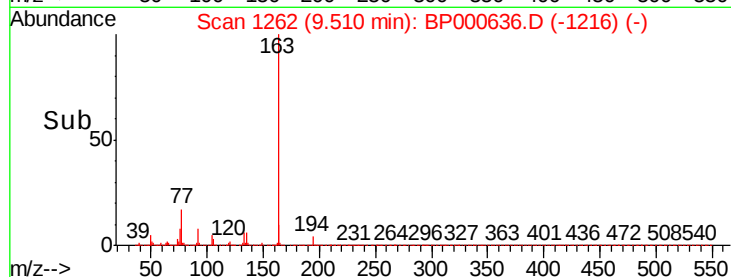
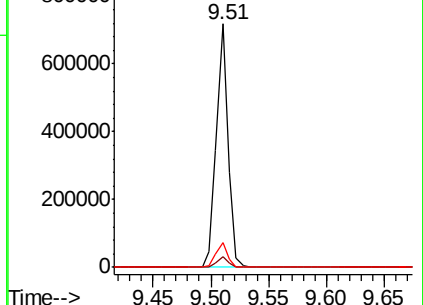
164 10.0 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 6.461 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.21 min

Lab File: BP000636.D

Acq: 11 Oct 2019 17:10

Tgt Ion:165 Resp: 70136

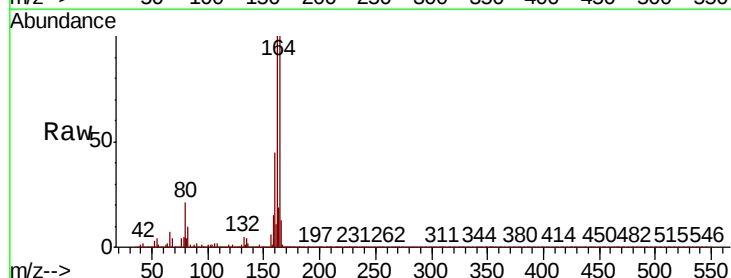
Ion Ratio Lower Upper

165 100

63 1.0 24.2 36.4#

89 1.2 49.4 74.0#

182 0.1 2.5 3.7#

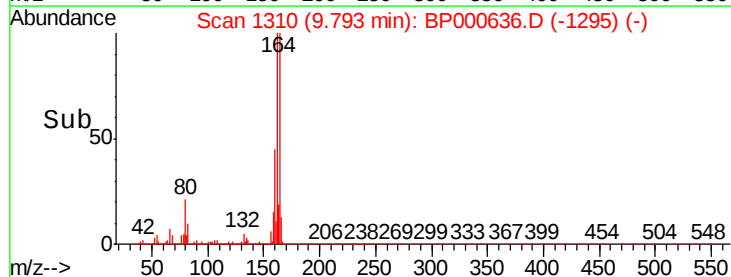
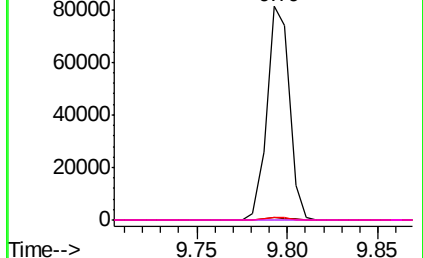


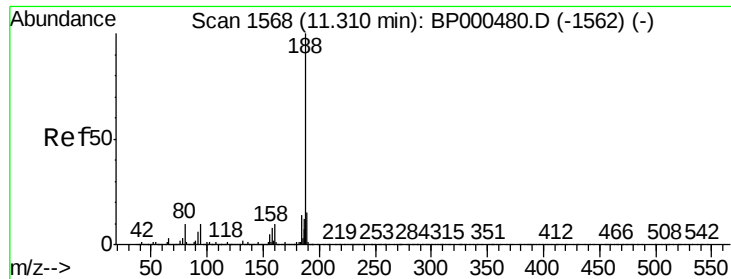
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.02 min

Lab File: BP000636.D

Acq: 11 Oct 2019 17:10

Instrument :

BNA_P

ClientSampleId :

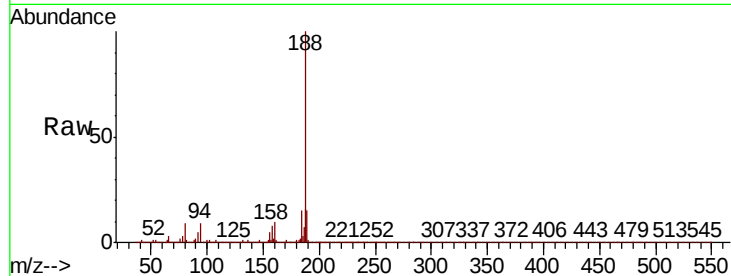
Tot Ion:188 Resp: 1017802

Ion Ratio Lower Upper

188 100

94 9.4 8.2 12.2

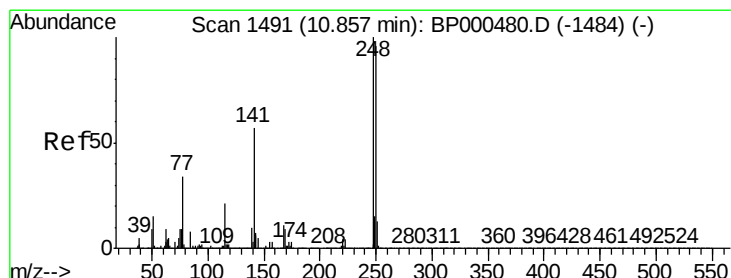
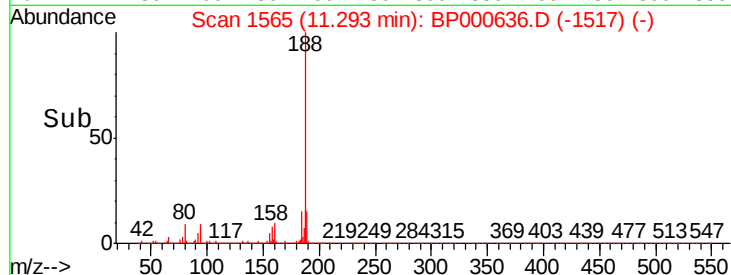
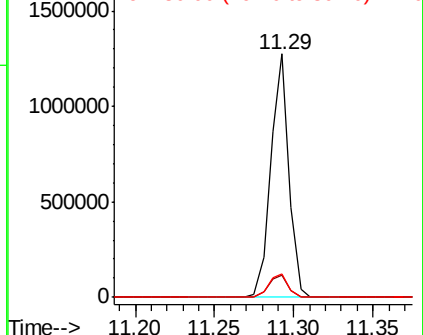
80 9.4 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#67

4-Bromophenyl-phenylether

Concen: 4.425 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.26 min

Lab File: BP000636.D

Acq: 11 Oct 2019 17:10

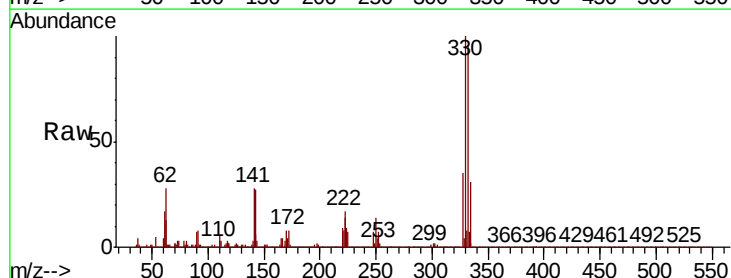
Tgt Ion:248 Resp: 50701

Ion Ratio Lower Upper

248 100

250 197.9 77.2 115.8#

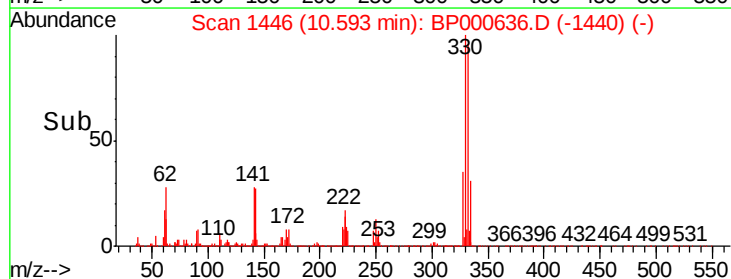
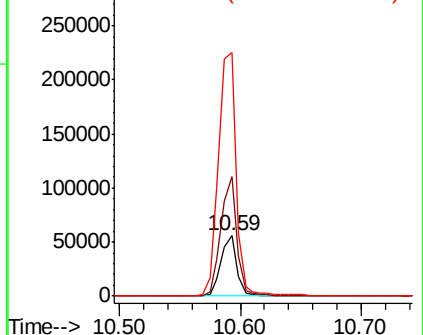
141 404.5 45.3 67.9#

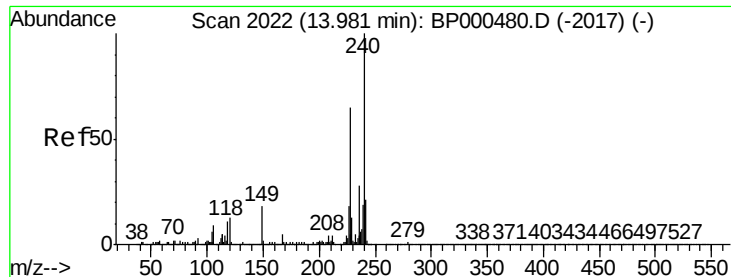


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

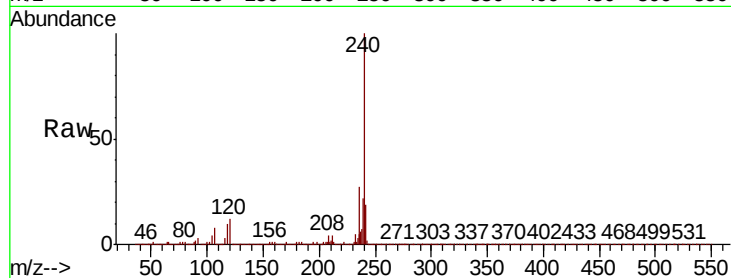




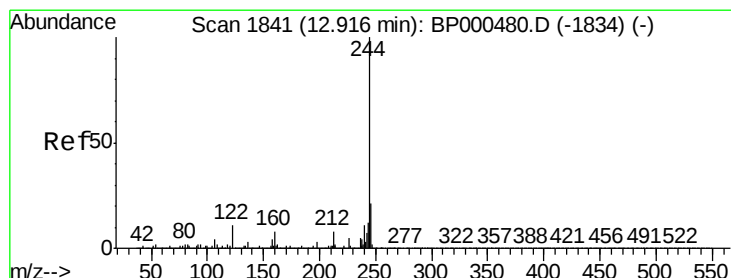
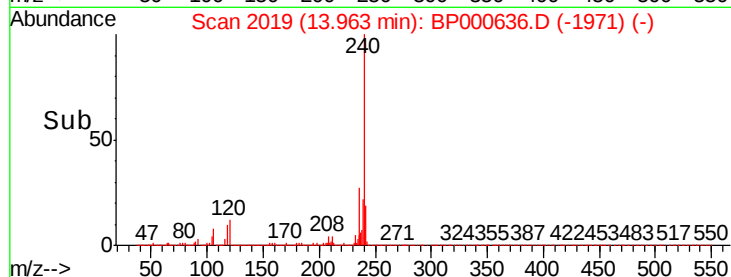
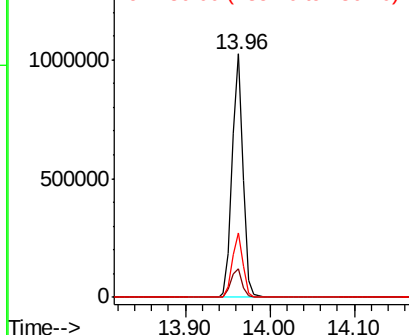
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BP000636.D
Acq: 11 Oct 2019 17:10

Instrument :
BNA_P
ClientSampleId :

Tot Ion:240 Resp: 887290
Ion Ratio Lower Upper
240 100
120 11.5 10.1 15.1
236 26.6 22.7 34.1

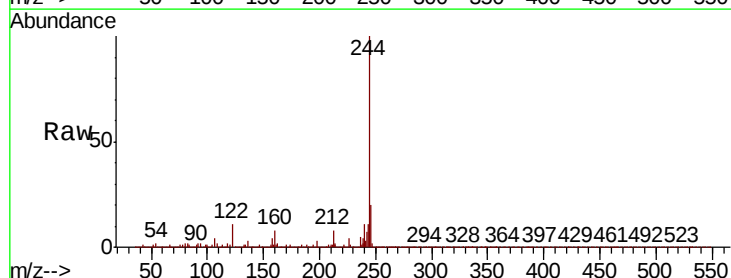


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

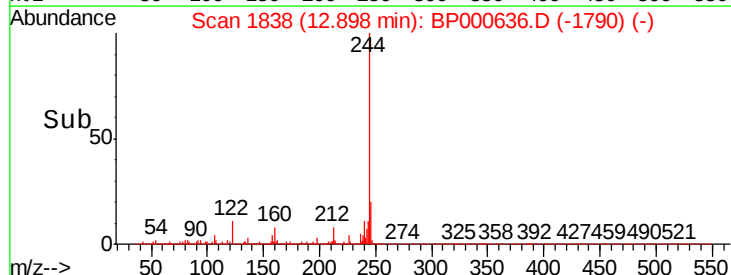
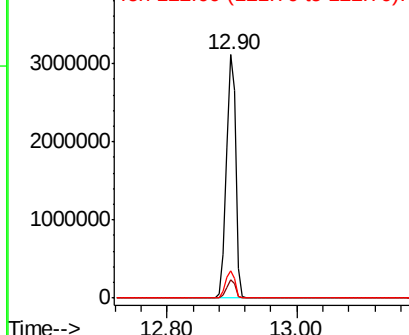


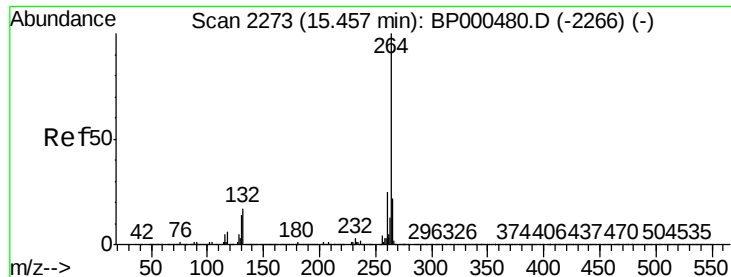
#79
Terphenyl-d14
Concen: 70.648 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BP000636.D
Acq: 11 Oct 2019 17:10

Tgt Ion:244 Resp: 3095997
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 11.4 8.9 13.3



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





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.02 min
 Lab File: BP000636.D
 Acq: 11 Oct 2019 17:10

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.3	30.5
265	21.5	18.0	27.0

