

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100719\
 Data File : BP000539.D
 Acq On : 07 Oct 2019 13:41
 Operator : JU
 Sample : PB123680BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB123680BL

Quant Time: Oct 07 15:58:48 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

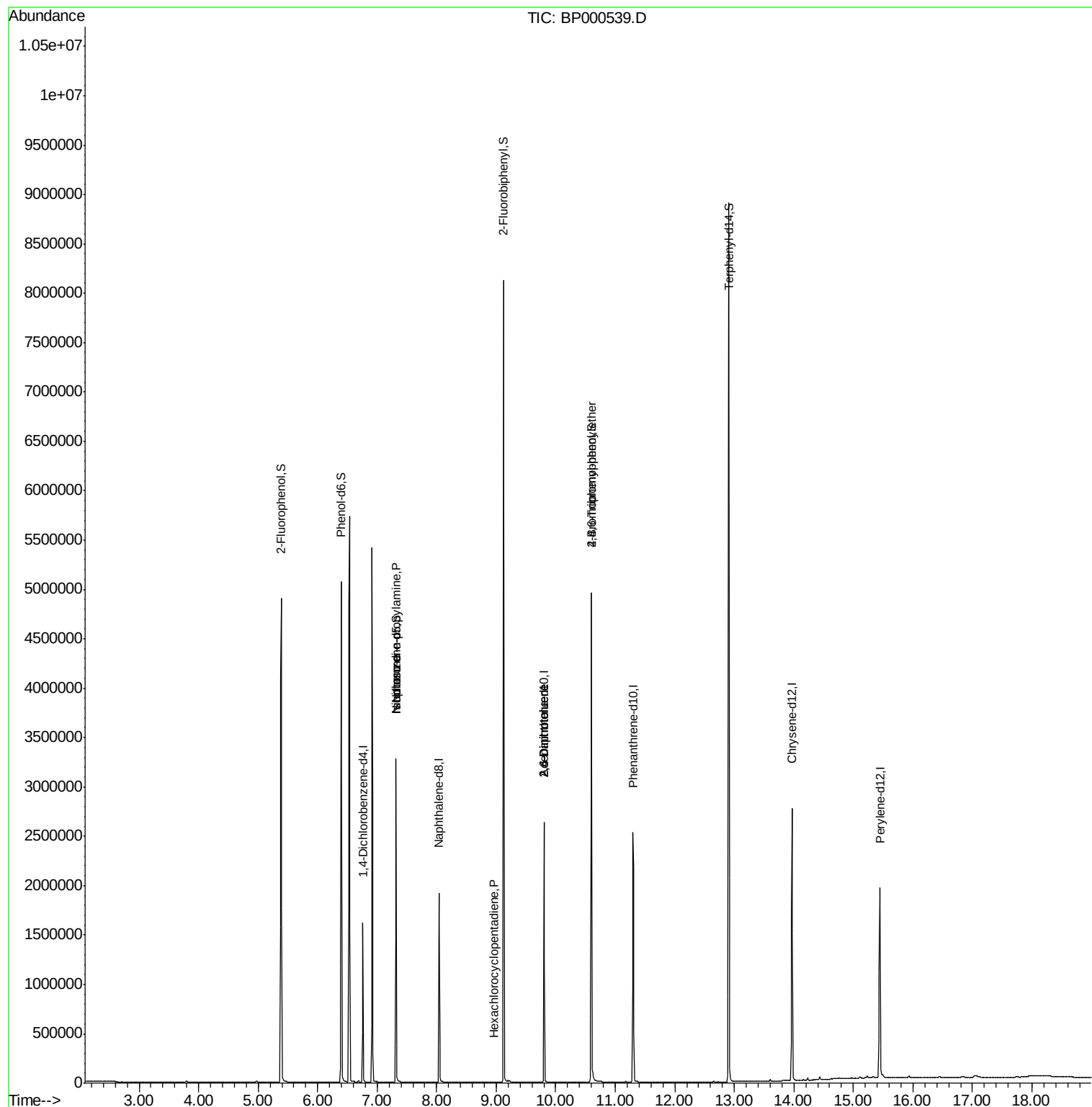
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	242052	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	867581	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	485539	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	916995	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	832689	20.00	ng	-0.01
87) Perylene-d12	15.45	264	909972	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1569776	104.25	ng	0.00
7) Phenol-d6	6.40	99	2010660	110.81	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1089388	76.69	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	605422	117.01	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	2460323	81.99	ng	-0.01
79) Terphenyl-d14	12.91	244	3207316	77.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	132289	15.816	ng	# 74
25) Isophorone	7.32	82	1088775	43.186	ng	# 61
41) Hexachlorocyclopentadiene	8.97	237	32	7.302	ng	76
51) 2,6-Dinitrotoluene	9.80	165	63161	8.585	ng	# 35
57) 2,4-Dinitrotoluene	9.80	165	63161	6.475	ng	# 31
67) 4-Bromophenyl-phenylether	10.60	248	41340	4.005	ng	# 1

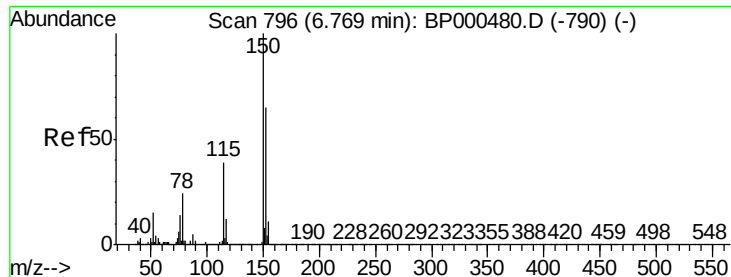
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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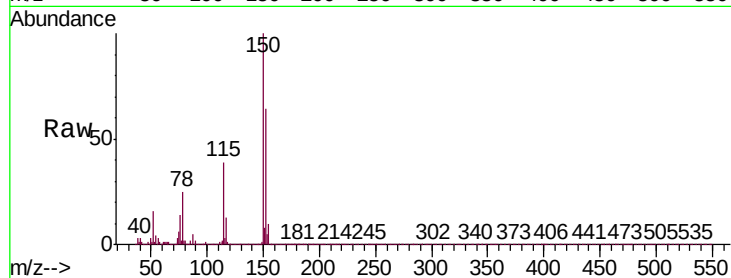


#1

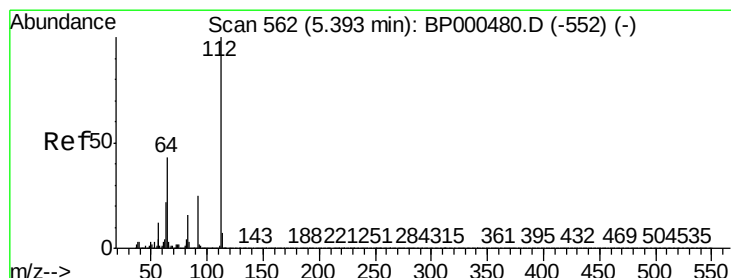
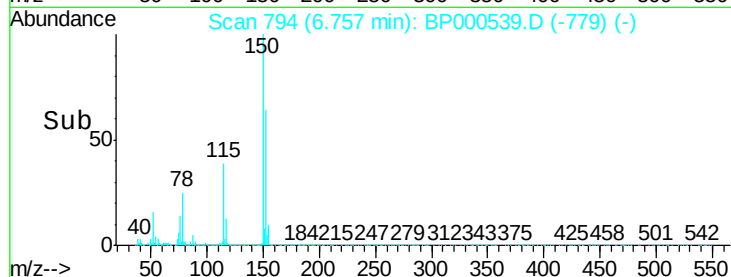
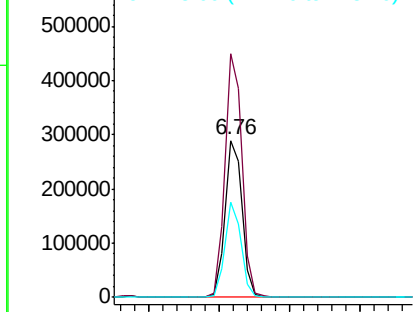
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BP000539.D
Acq: 07 Oct 2019 13:41

Instrument :
BNA_P
ClientSampleId :
PB123680BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.1	186.1
115	60.6	48.7	73.1



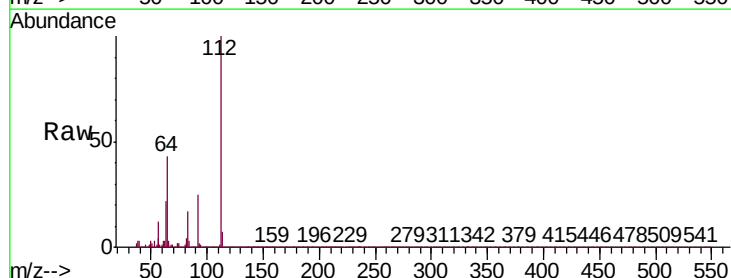
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



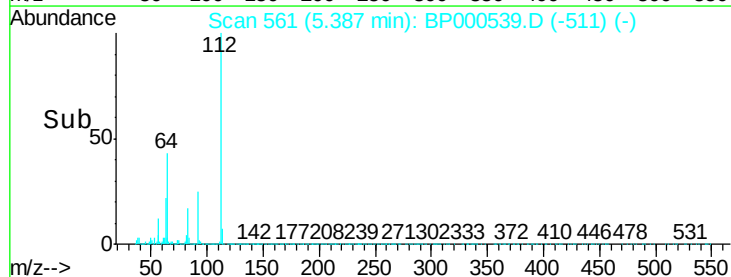
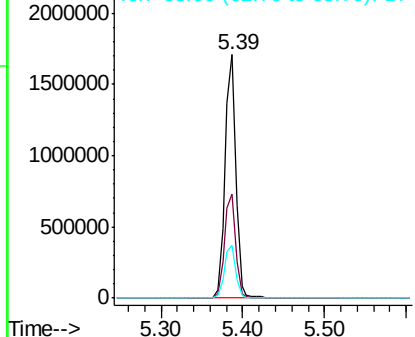
#5

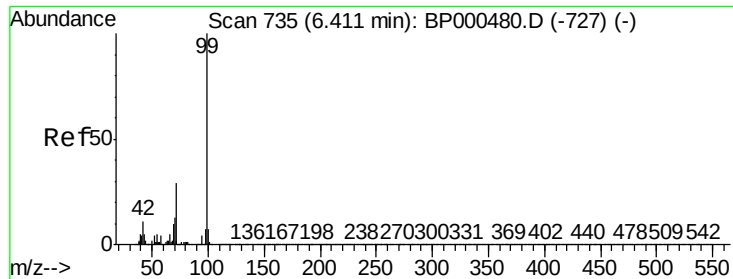
2-Fluorophenol
Concen: 104.247 ng
RT: 5.39 min Scan# 561
Delta R.T. -0.01 min
Lab File: BP000539.D
Acq: 07 Oct 2019 13:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.0	34.2	51.4
63	21.9	17.9	26.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 110.806 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BP000539.D

Acq: 07 Oct 2019 13:41

Instrument :

BNA_P

ClientSampleId :

PB123680BL

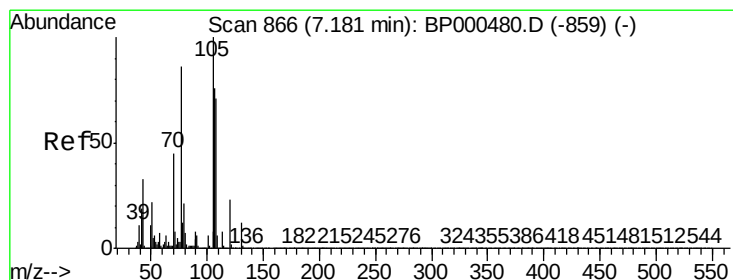
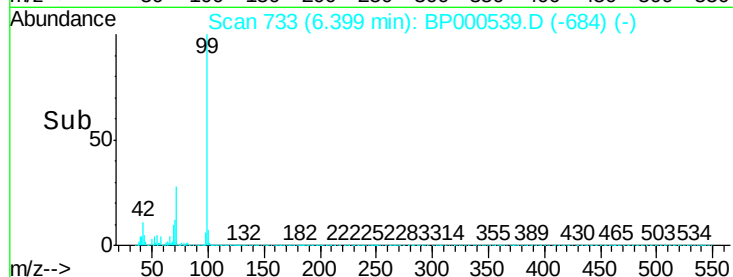
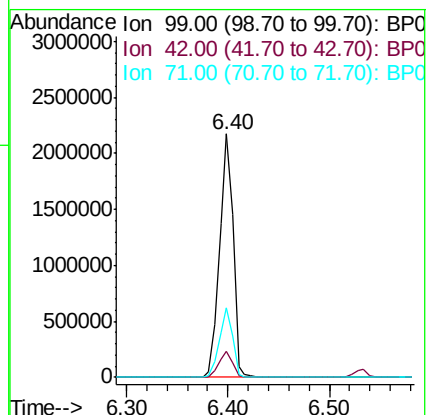
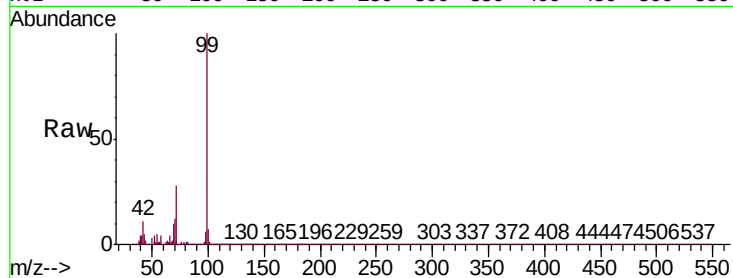
Tgt Ion: 99 Resp: 2010660

Ion Ratio Lower Upper

99 100

42 10.9 8.6 12.8

71 28.4 23.0 34.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.816 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BP000539.D

Acq: 07 Oct 2019 13:41

Tgt Ion: 70 Resp: 132289

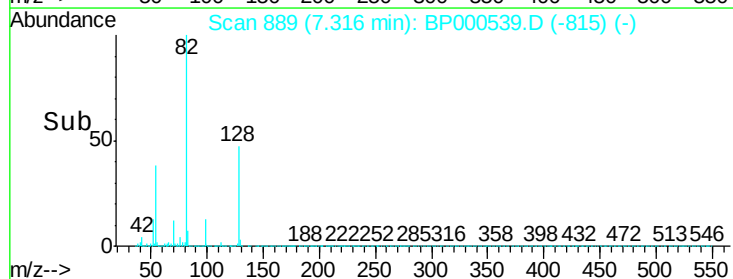
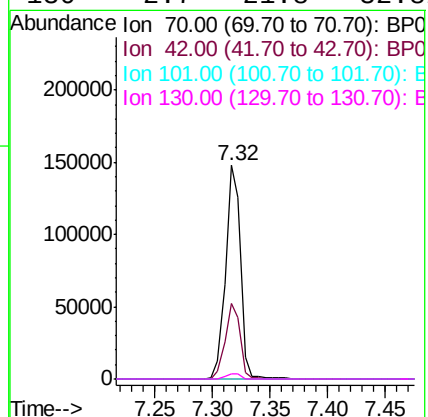
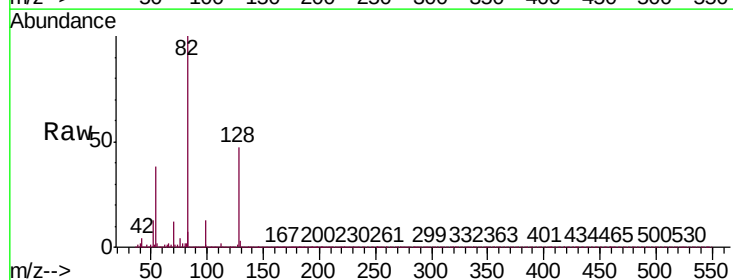
Ion Ratio Lower Upper

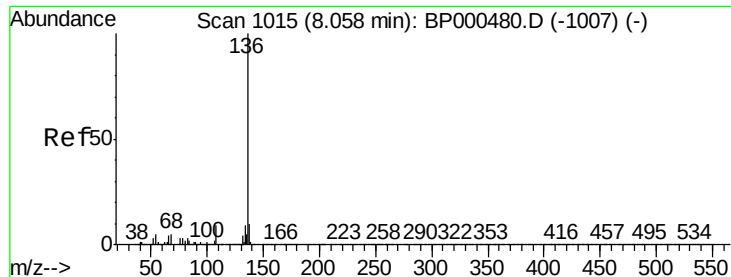
70 100

42 35.5 33.2 49.8

101 0.0 9.9 14.9#

130 2.7 21.8 32.8#

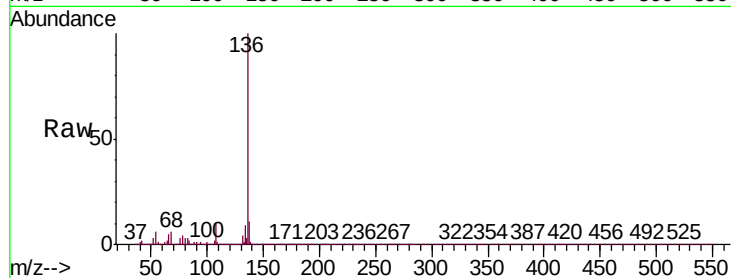




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BP000539.D
Acq: 07 Oct 2019 13:41

Instrument :
BNA_P
ClientSampleId :
PB123680BL

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.4
54	6.2	4.1	6.1#
68	5.8	4.1	6.1



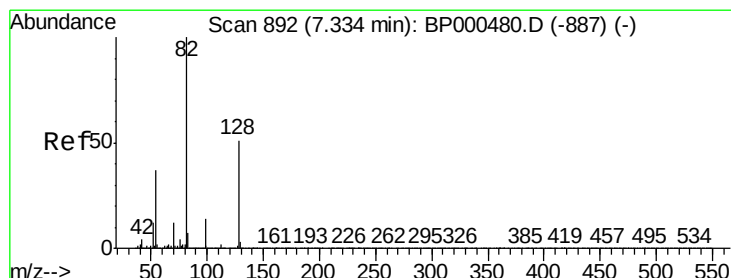
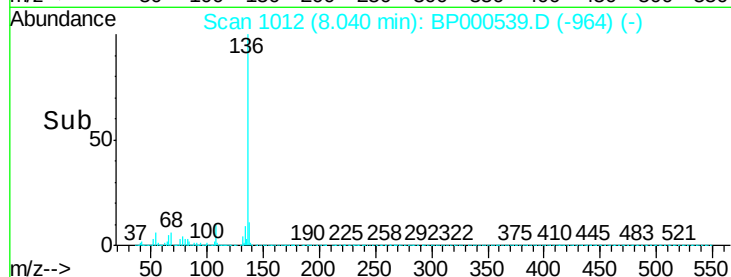
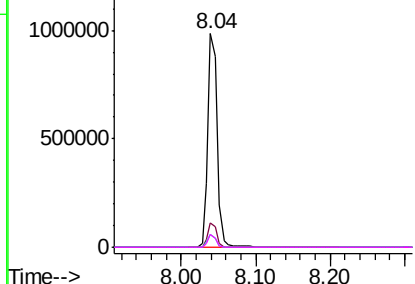
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

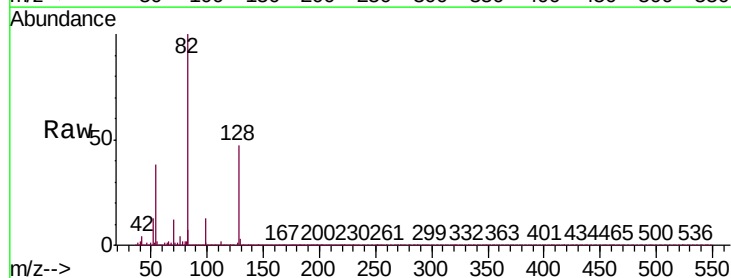
Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#23
Nitrobenzene-d5
Concen: 76.690 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BP000539.D
Acq: 07 Oct 2019 13:41

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.5	40.9	61.3
54	38.0	29.4	44.2

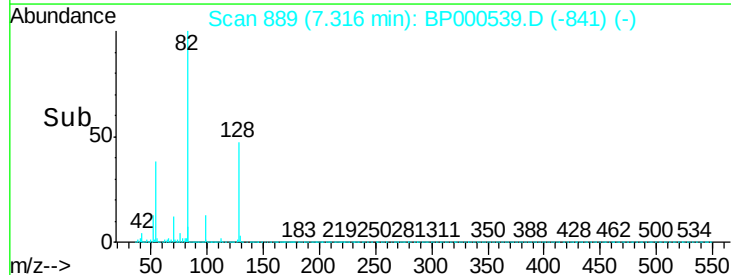
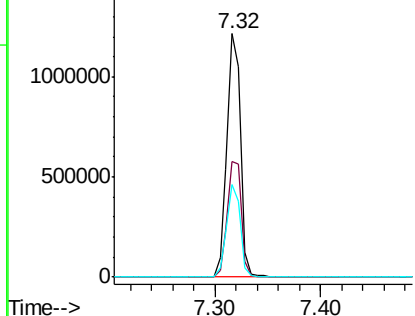


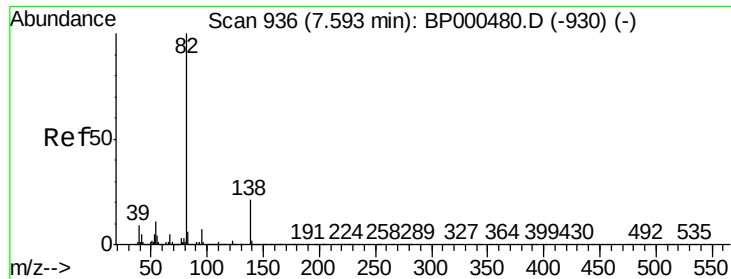
Abundance

Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0





#25

Isophorone

Concen: 43.186 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.28 min

Lab File: BP000539.D

Acq: 07 Oct 2019 13:41

Instrument :

BNA_P

ClientSampleId :

PB123680BL

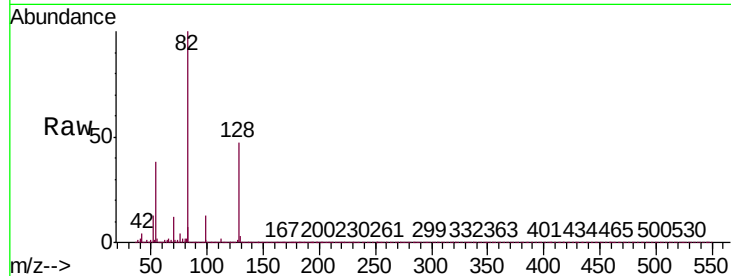
Tgt Ion: 82 Resp: 1088775

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

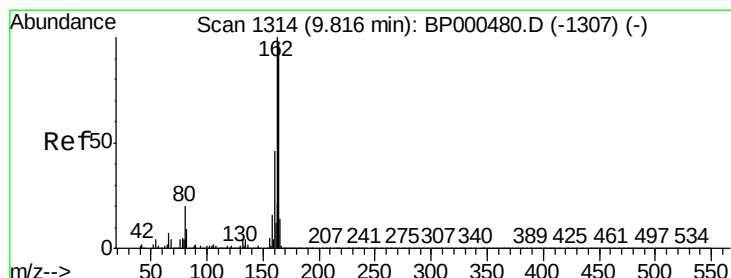
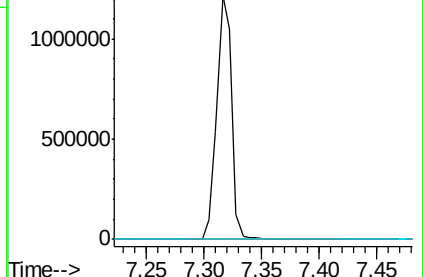
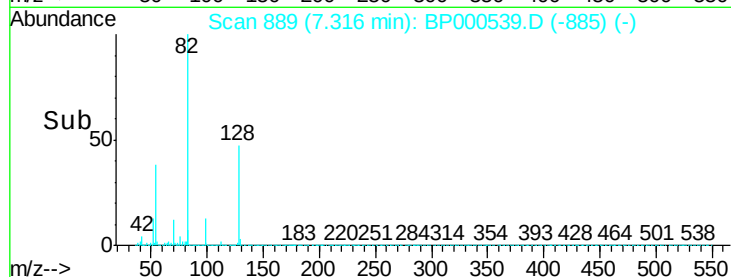
138 0.0 17.0 25.4#



Abundance Ion 82.00 (81.70 to 82.70): BP000539.D (-885) (-)

Ion 95.00 (94.70 to 95.70): BP000539.D (-950) (-)

Ion 138.00 (137.70 to 138.70): BP000539.D (-1380) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BP000539.D

Acq: 07 Oct 2019 13:41

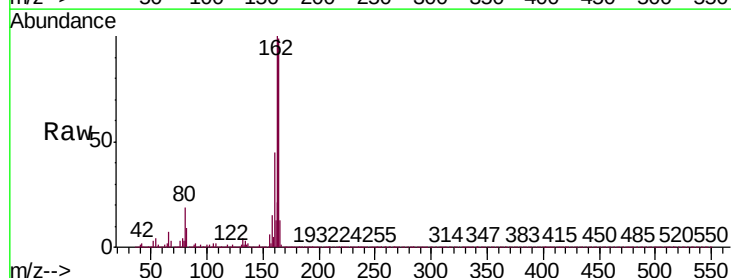
Tgt Ion: 164 Resp: 485539

Ion Ratio Lower Upper

164 100

162 101.5 82.2 123.2

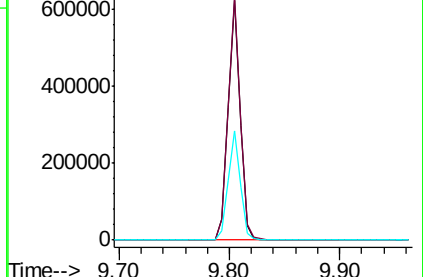
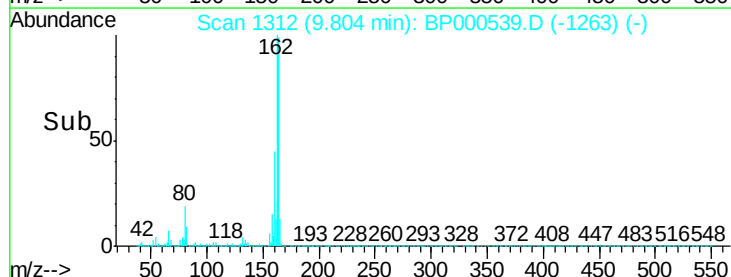
160 45.6 37.6 56.4

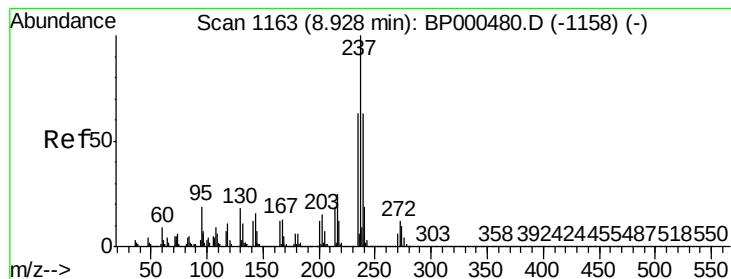


Abundance Ion 164.00 (163.70 to 164.70): BP000539.D (-1263) (-)

Ion 162.00 (161.70 to 162.70): BP000539.D (-1620) (-)

Ion 160.00 (159.70 to 160.70): BP000539.D (-1600) (-)





#41

Hexachlorocyclopentadiene

Concen: 7.302 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.05 min

Lab File: BP000539.D

Acq: 07 Oct 2019 13:41

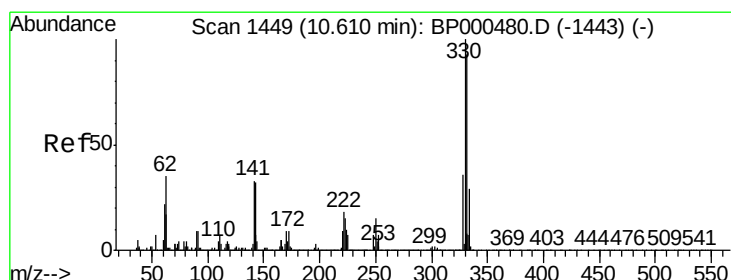
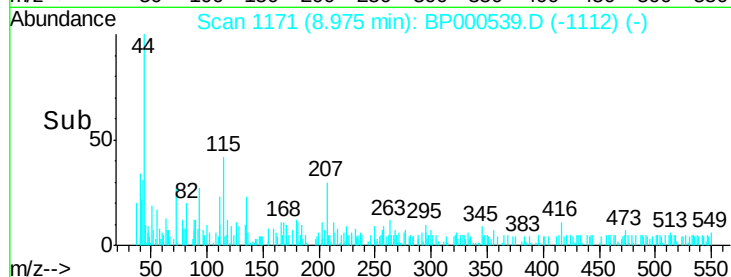
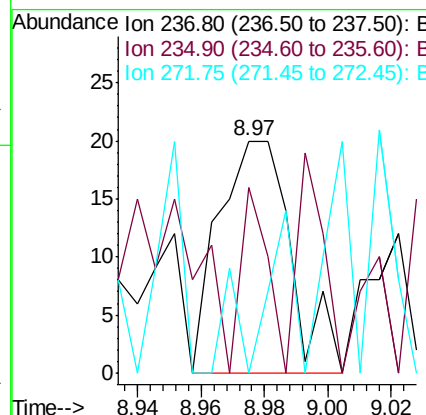
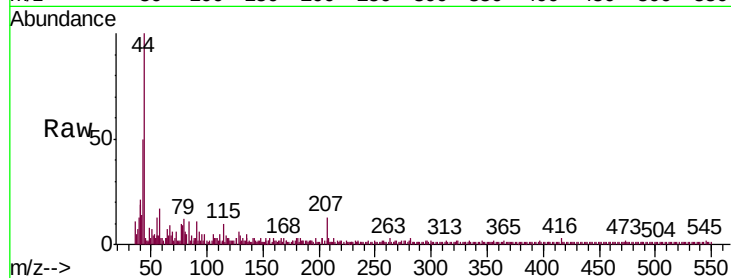
Instrument :

BNA_P

ClientSampled :

PB123680BL

Tgt Ion:	237	Resp:	32
Ion Ratio	Lower	Upper	
237	100		
235	80.0	42.9	82.9
272	0.0	0.0	32.4



#42

2,4,6-Tribromophenol

Concen: 117.013 ng

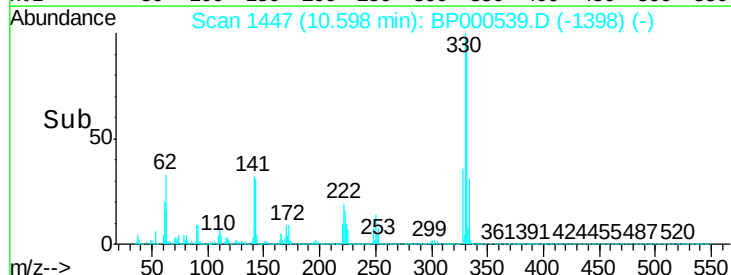
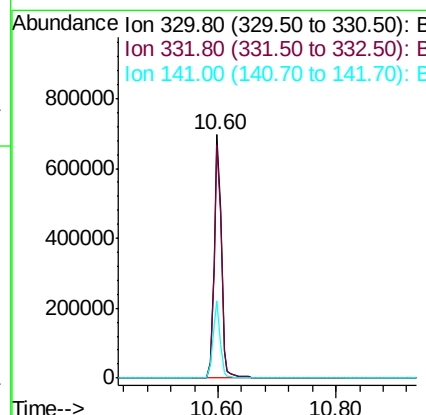
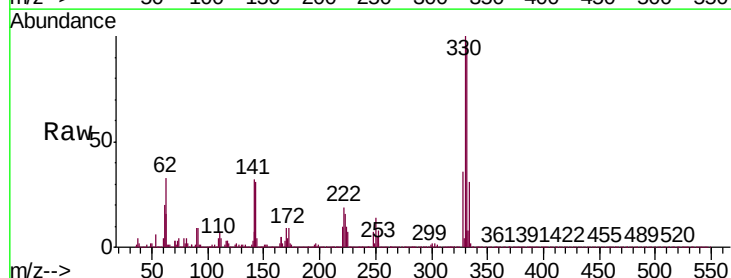
RT: 10.60 min Scan# 1447

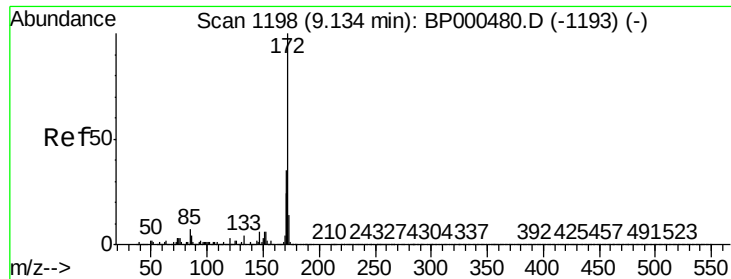
Delta R.T. -0.01 min

Lab File: BP000539.D

Acq: 07 Oct 2019 13:41

Tgt Ion:	330	Resp:	605422
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.1	115.7
141	32.2	26.0	39.0

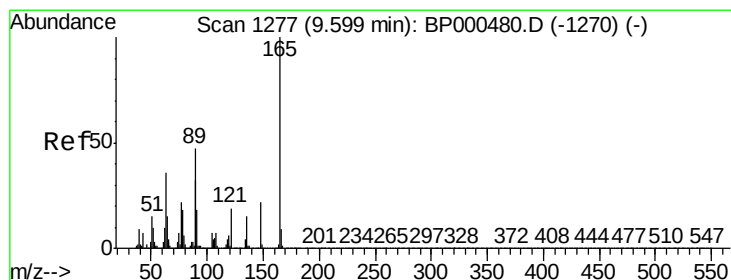
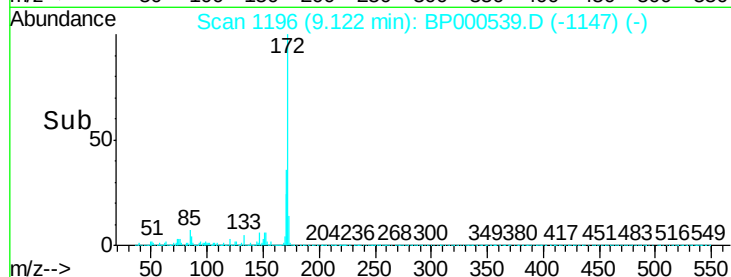
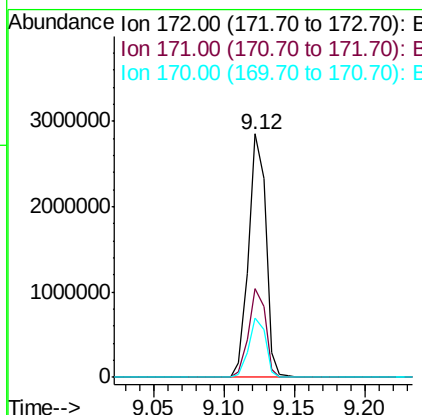
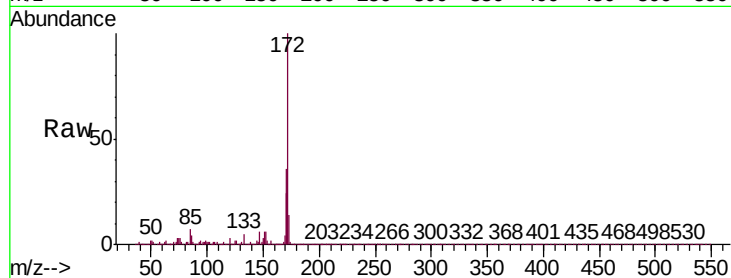




#45
2-Fluorobiphenyl
Concen: 81.987 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BP000539.D
Acq: 07 Oct 2019 13:41

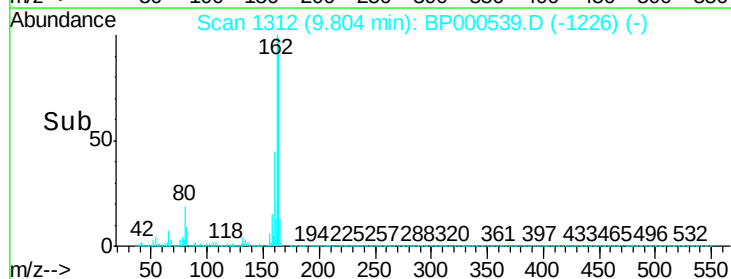
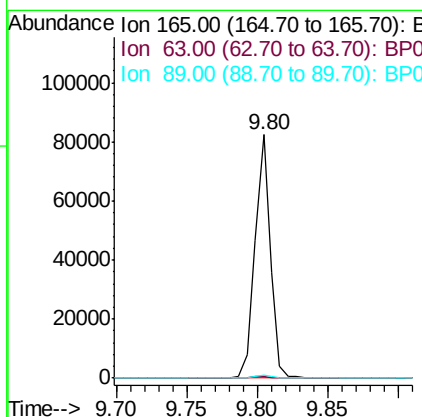
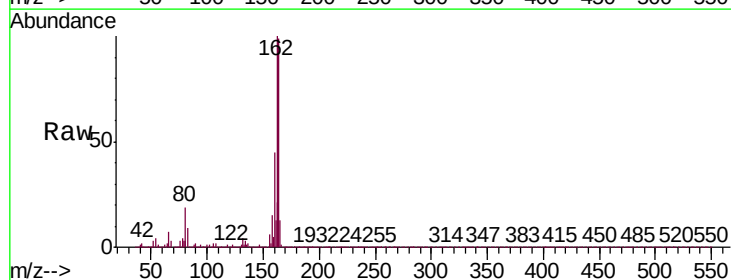
Instrument :
BNA_P
ClientSampleId :
PB123680BL

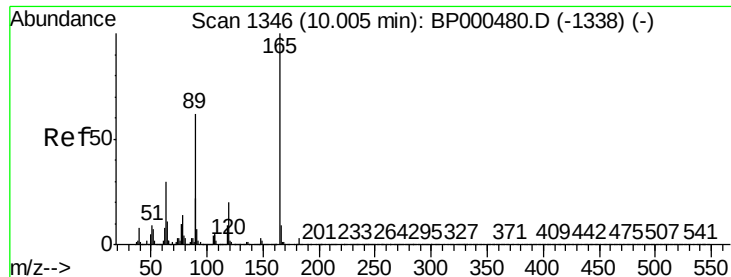
Tgt Ion:172 Resp: 2460323
Ion Ratio Lower Upper
172 100
171 36.4 28.4 42.6
170 24.4 19.1 28.7



#51
2,6-Dinitrotoluene
Concen: 8.585 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.21 min
Lab File: BP000539.D
Acq: 07 Oct 2019 13:41

Tgt Ion:165 Resp: 63161
Ion Ratio Lower Upper
165 100
63 0.8 29.9 44.9#
89 1.2 37.3 55.9#





#57

2,4-Dinitrotoluene

Concen: 6.475 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.20 min

Lab File: BP000539.D

Acq: 07 Oct 2019 13:41

Instrument :

BNA_P

ClientSampleId :

PB123680BL

Tgt Ion:165 Resp: 63161

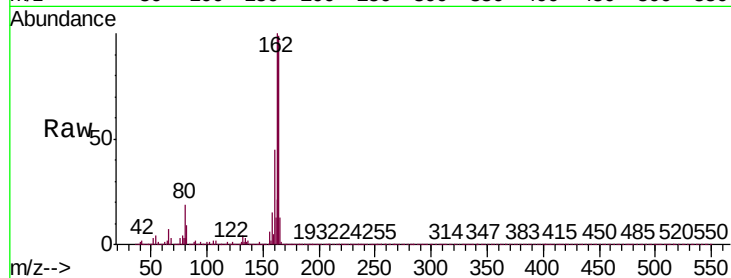
Ion Ratio Lower Upper

165 100

63 0.8 24.2 36.4#

89 1.2 49.4 74.0#

182 0.0 2.5 3.7#

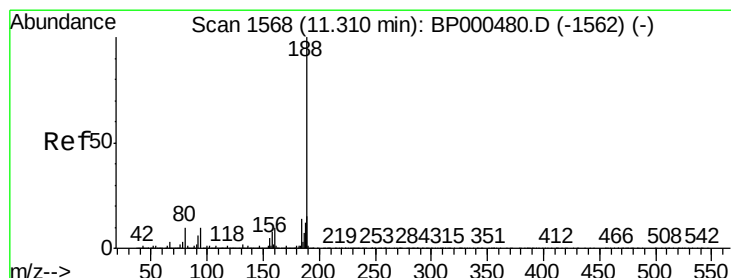
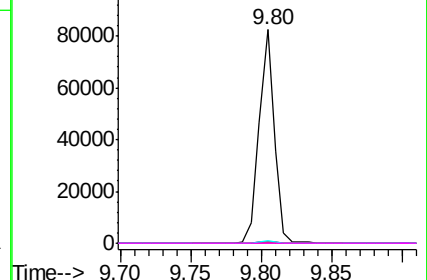
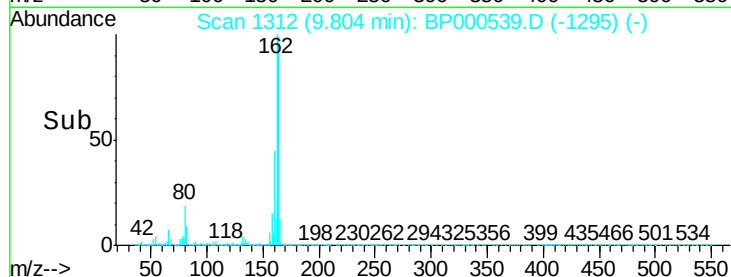


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BP000539.D

Acq: 07 Oct 2019 13:41

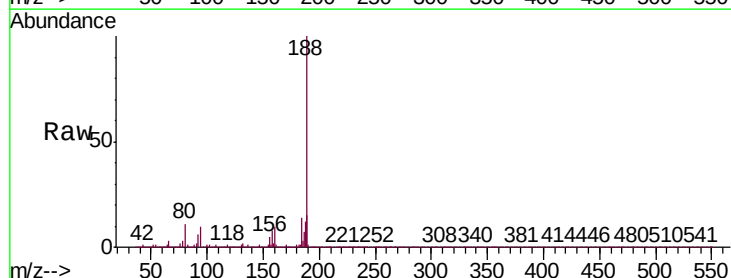
Tgt Ion:188 Resp: 916995

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.2

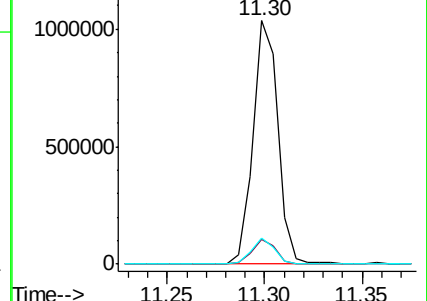
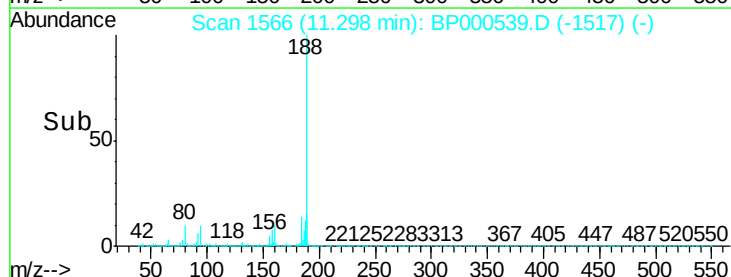
80 10.5 8.3 12.5

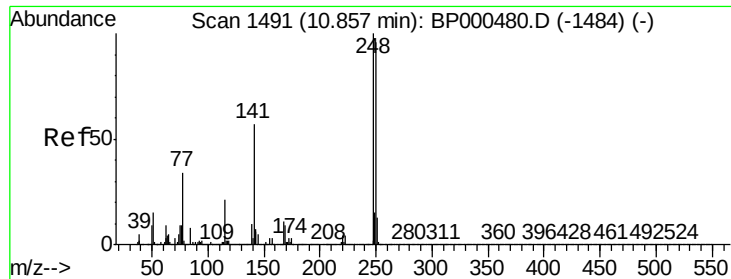


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

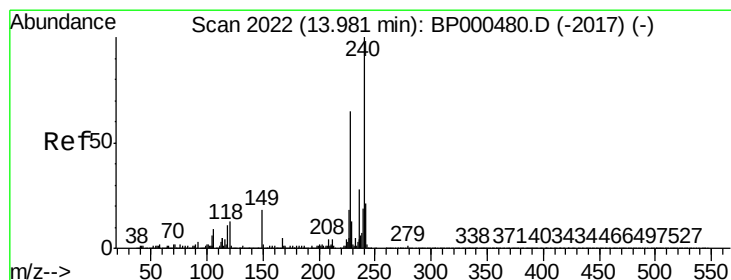
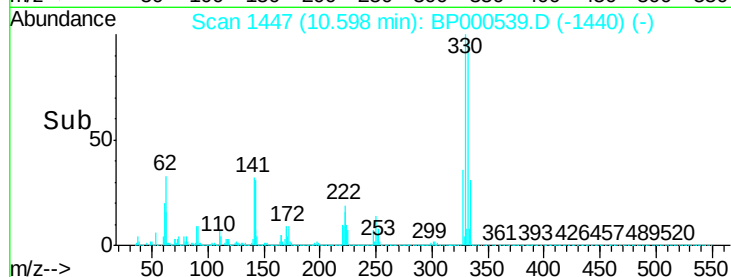
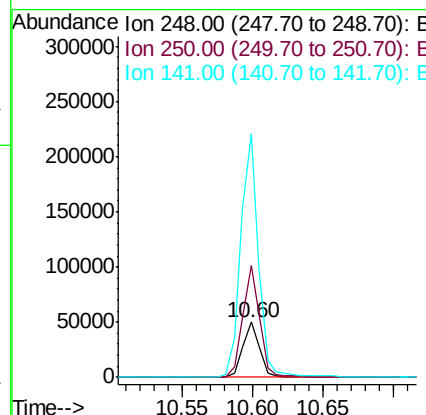
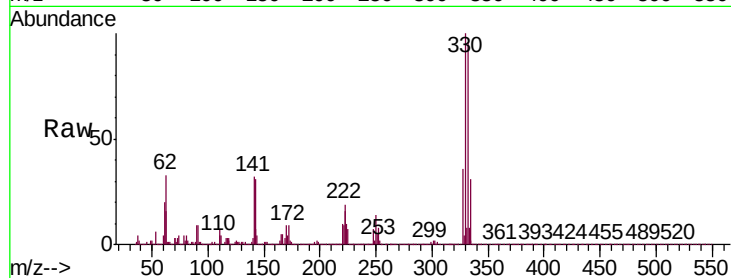




#67
4-Bromophenyl-phenylether
Concen: 4.005 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.26 min
Lab File: BP000539.D
Acq: 07 Oct 2019 13:41

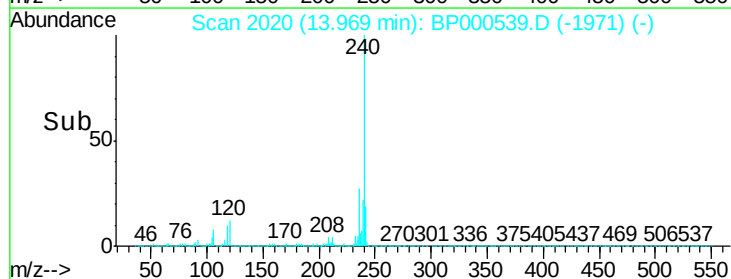
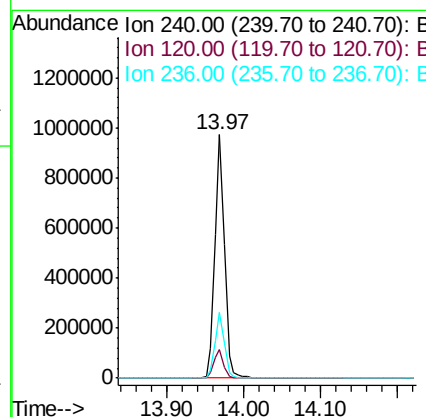
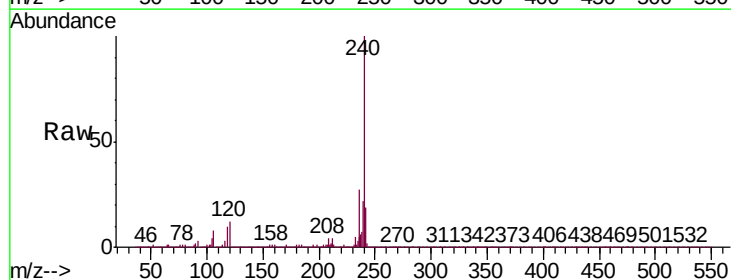
Instrument :
BNA_P
ClientSampleId :
PB123680BL

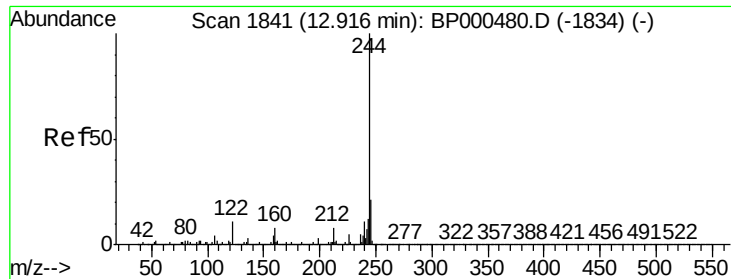
Tgt Ion:248 Resp: 41340
Ion Ratio Lower Upper
248 100
250 201.7 77.2 115.8#
141 441.7 45.3 67.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000539.D
Acq: 07 Oct 2019 13:41

Tgt Ion:240 Resp: 832689
Ion Ratio Lower Upper
240 100
120 11.6 10.1 15.1
236 27.2 22.7 34.1

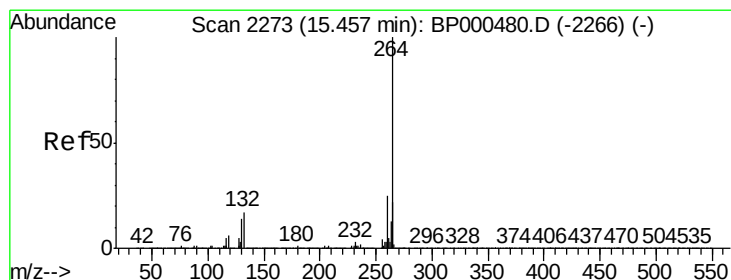
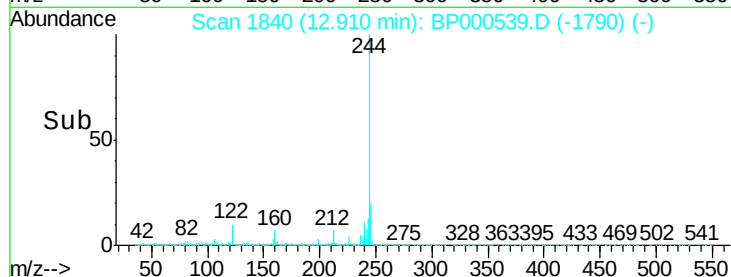
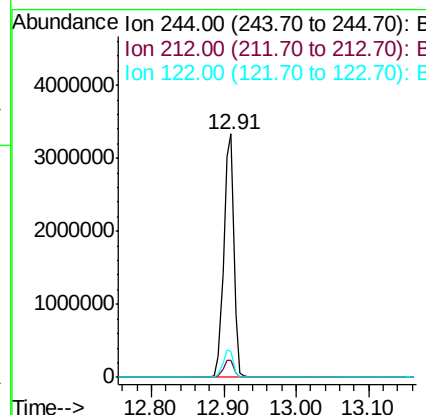
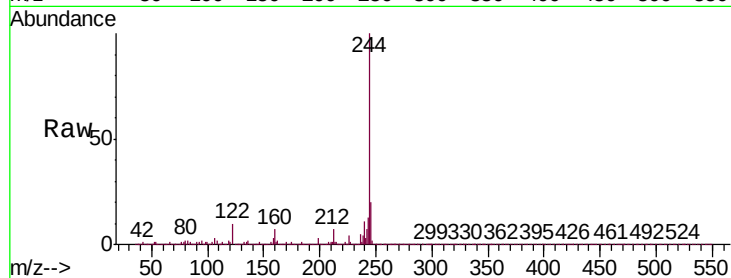




#79
 Terphenyl-d14
 Concen: 77.988 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BP000539.D
 Acq: 07 Oct 2019 13:41

Instrument :
 BNA_P
 ClientSampleId :
 PB123680BL

Tgt Ion:244 Resp: 3207316
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.4 8.9 13.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BP000539.D
 Acq: 07 Oct 2019 13:41

Tgt Ion:264 Resp: 909972
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.3 30.5
 265 21.9 18.0 27.0

