

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
 Data File : BP000675.D
 Acq On : 12 Oct 2019 18:21
 Operator : JU
 Sample : PB123900BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 14 04:35:30 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

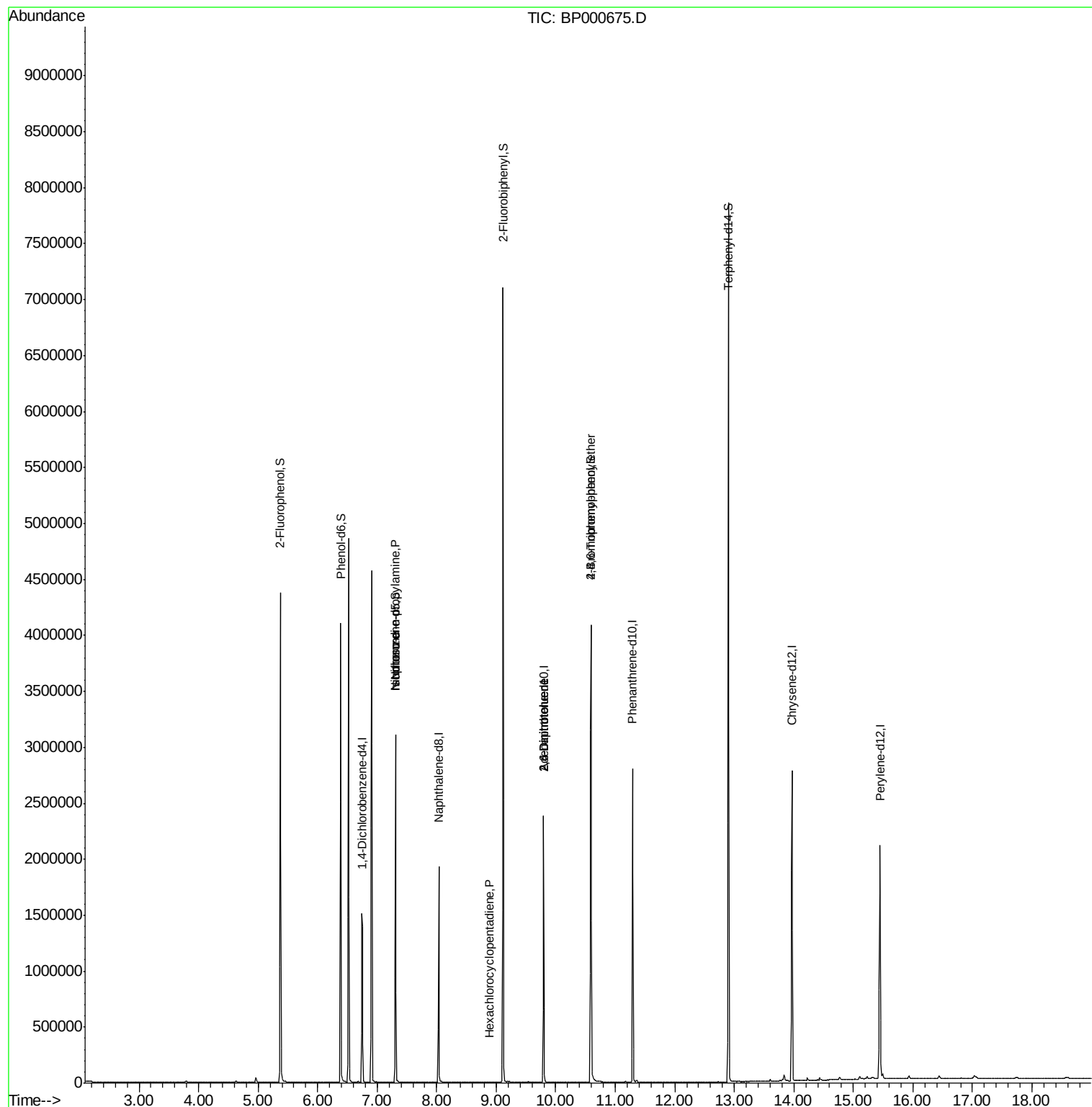
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	243158	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	891310	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	504140	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	948230	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	849419	20.00	ng	-0.01
87) Perylene-d12	15.45	264	932705	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1376198	90.98	ng	-0.02
7) Phenol-d6	6.39	99	1752961	96.16	ng	-0.02
23) Nitrobenzene-d5	7.31	82	963333	66.01	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	510535	95.03	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	2101491	67.45	ng	-0.02
79) Terphenyl-d14	12.90	244	2657196	63.34	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	117117	13.939	ng	# 73
25) Isophorone	7.31	82	963543	37.201	ng	# 61
41) Hexachlorocyclopentadiene	8.89	237	12	7.299	ng	# 88
51) 2,6-Dinitrotoluene	9.80	165	65774	8.610	ng	# 35
57) 2,4-Dinitrotoluene	9.80	165	65821	6.498	ng	# 31
67) 4-Bromophenyl-phenylether	10.59	248	35119	3.290	ng	# 1

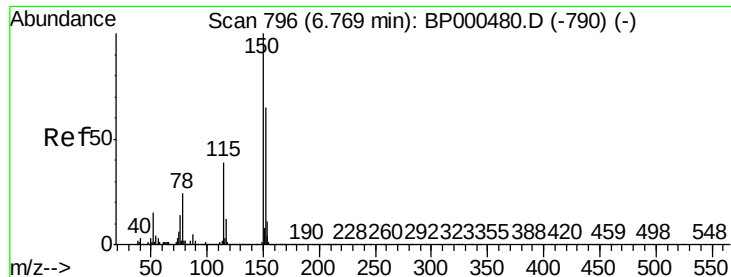
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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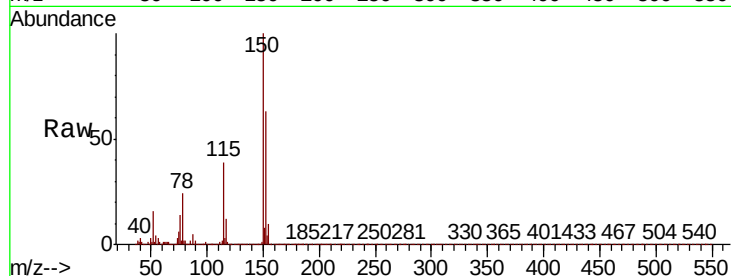


#1

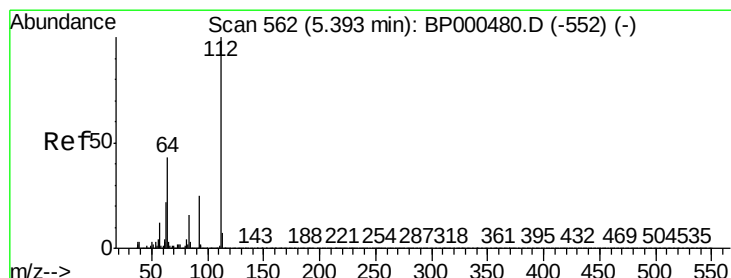
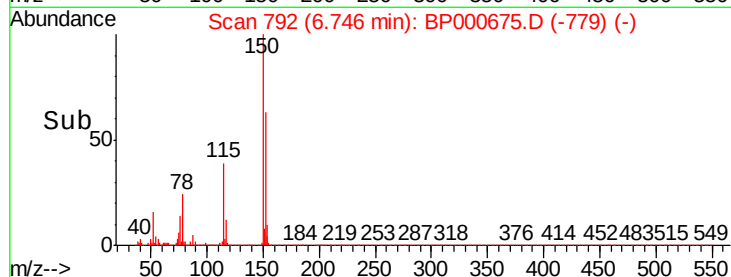
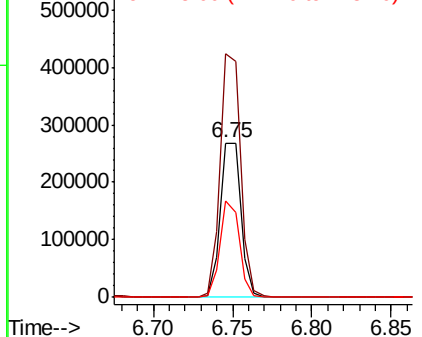
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000675.D
Acq: 12 Oct 2019 18:21

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.1	186.1
115	62.2	48.7	73.1



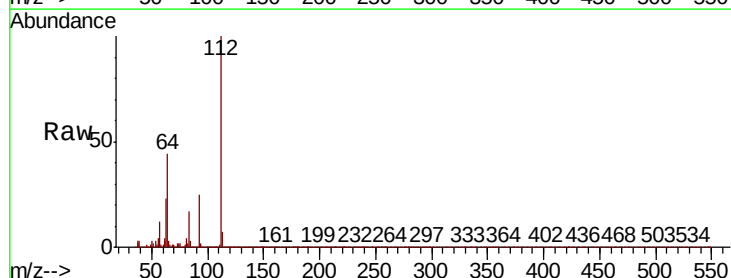
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



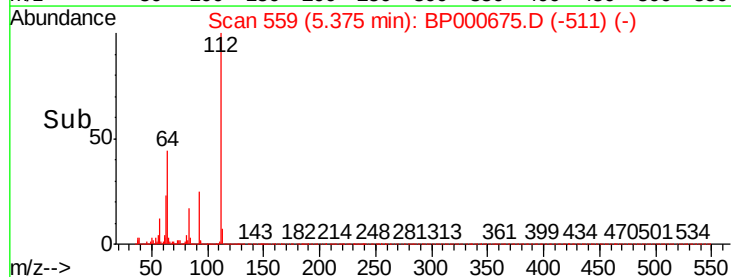
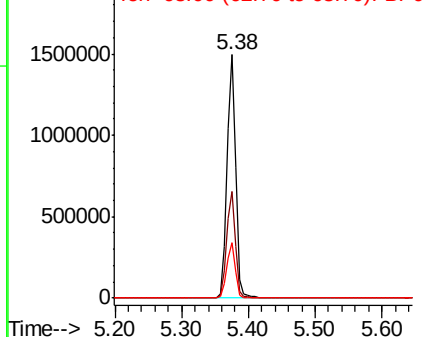
#5

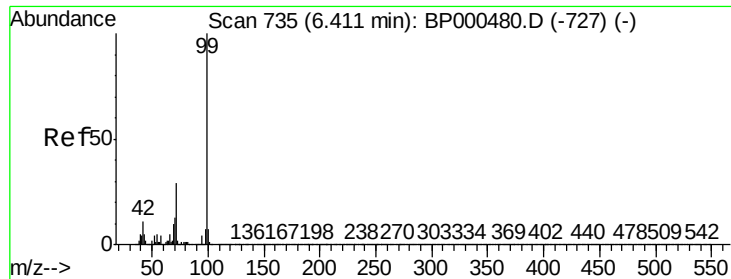
2-Fluorophenol
Concen: 90.976 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000675.D
Acq: 12 Oct 2019 18:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.1	34.2	51.4
63	22.7	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: 96.165 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BP000675.D

Acq: 12 Oct 2019 18:21

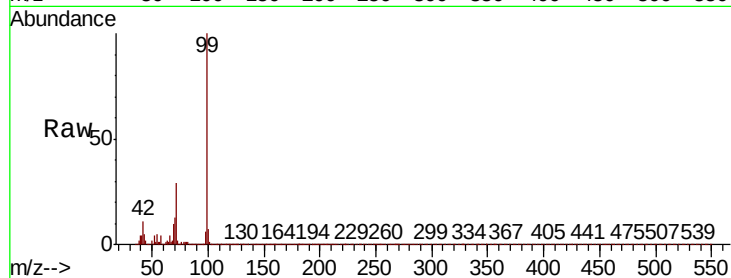
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1752961

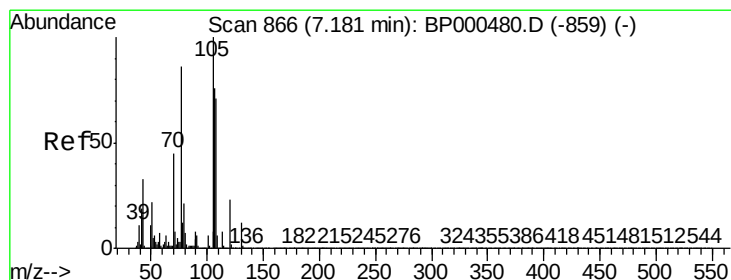
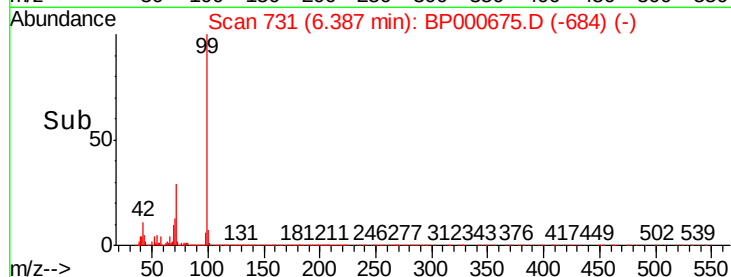
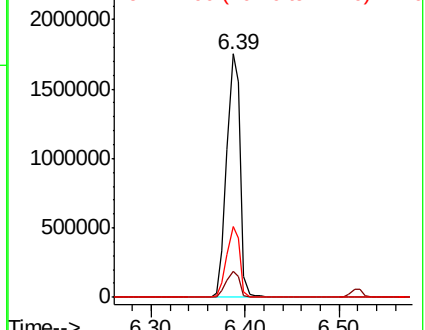
Ion	Ratio	Lower	Upper
99	100		
42	10.9	8.6	12.8
71	29.2	23.0	34.4



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#19

n-Nitroso-di-n-propylamine

Concen: 13.939 ng

RT: 7.31 min Scan# 888

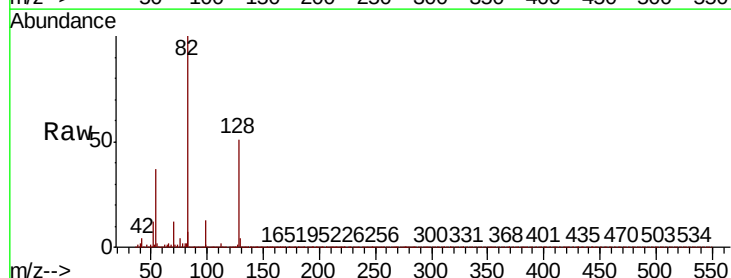
Delta R.T. 0.13 min

Lab File: BP000675.D

Acq: 12 Oct 2019 18:21

Tgt Ion: 70 Resp: 117117

Ion	Ratio	Lower	Upper
70	100		
42	33.4	33.2	49.8
101	0.0	9.9	14.9#
130	2.6	21.8	32.8#

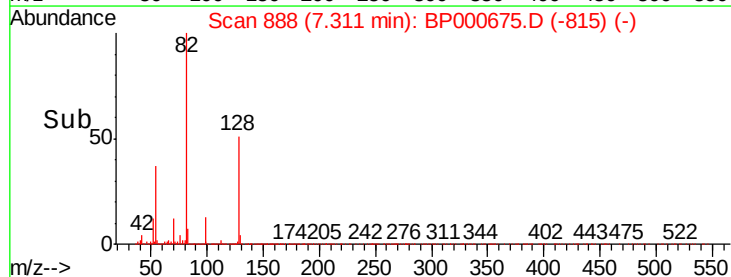
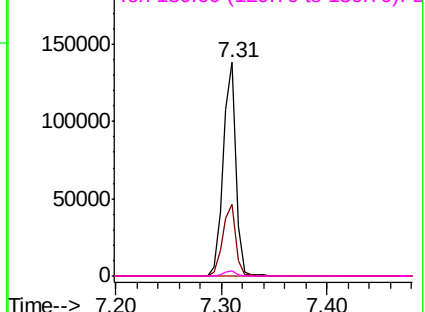


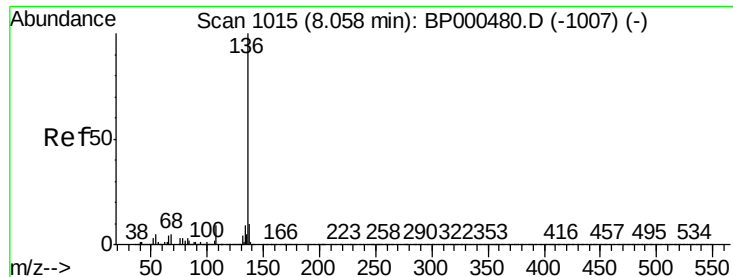
Abundance Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

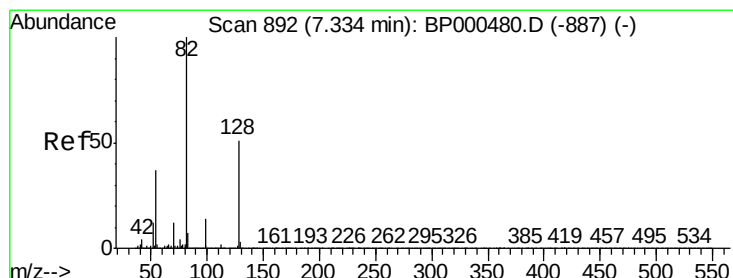
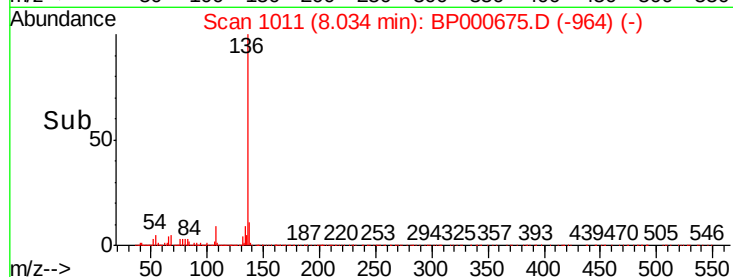
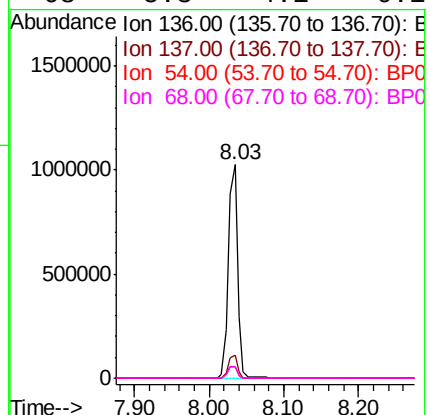
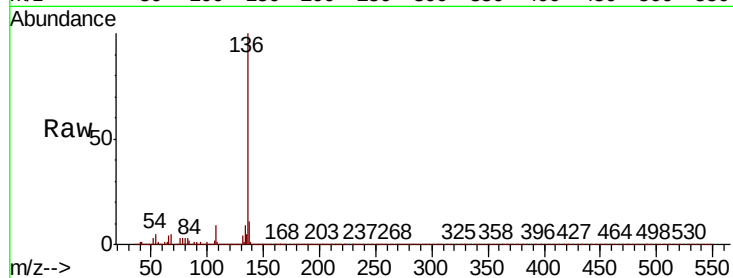




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000675.D
Acq: 12 Oct 2019 18:21

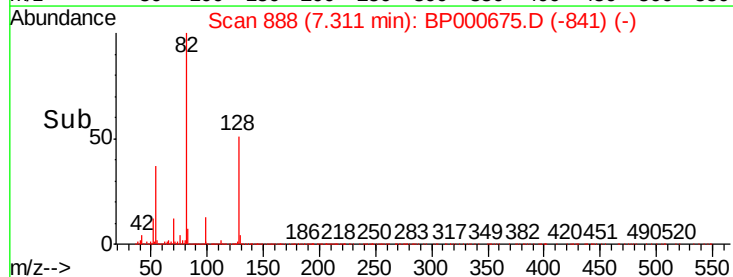
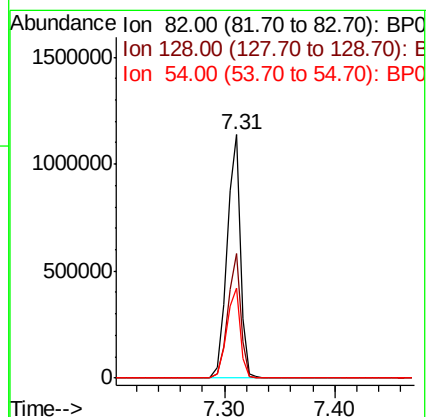
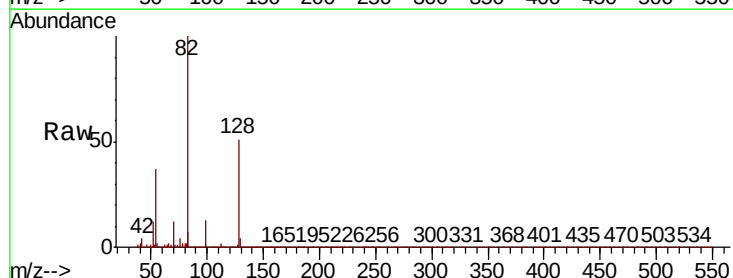
Instrument :
BNA_P
ClientSampleId :

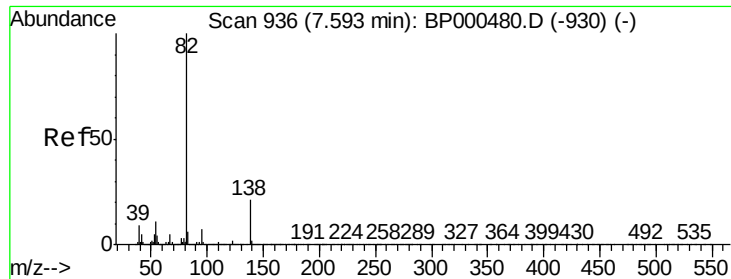
Tot Ion:136	Resp:	891310
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.2 12.4
54	5.2	4.1 6.1
68	5.3	4.1 6.1



#23
Nitrobenzene-d5
Concen: 66.011 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000675.D
Acq: 12 Oct 2019 18:21

Tgt Ion: 82	Resp:	963333
Ion Ratio	Lower	Upper
82	100	
128	51.4	40.9 61.3
54	36.8	29.4 44.2





#25

Isophorone

Concen: 37.201 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.28 min

Lab File: BP000675.D

Acq: 12 Oct 2019 18:21

Instrument :

BNA_P

ClientSampleId :

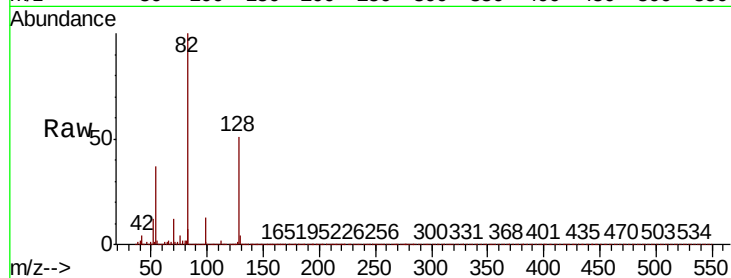
Tot Ion: 82 Resp: 963543

Ion Ratio Lower Upper

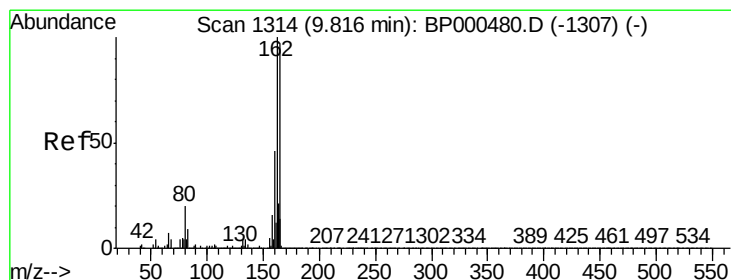
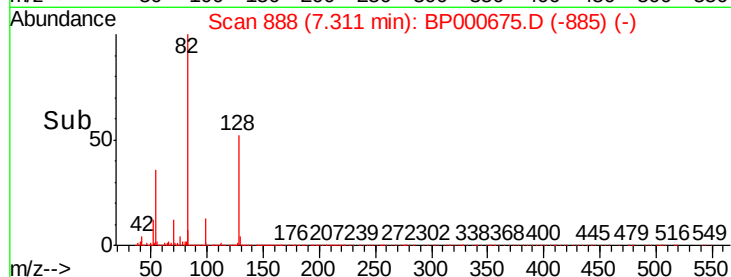
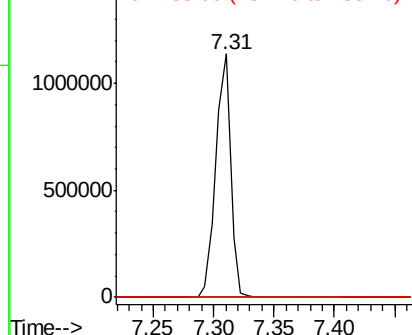
82 100

95 0.0 5.8 8.6#

138 0.0 17.0 25.4#



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 95.00 (94.70 to 95.70): BP0
Ion 138.00 (137.70 to 138.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BP000675.D

Acq: 12 Oct 2019 18:21

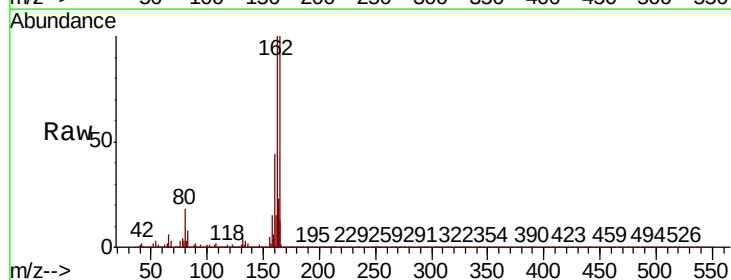
Tgt Ion:164 Resp: 504140

Ion Ratio Lower Upper

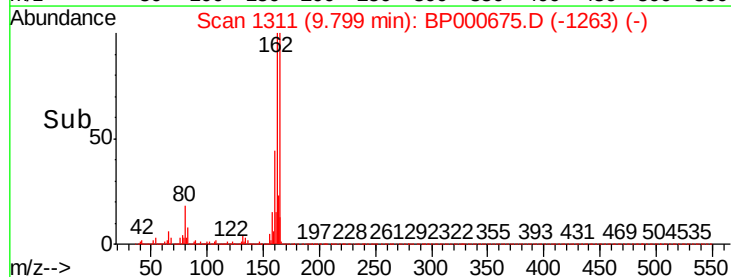
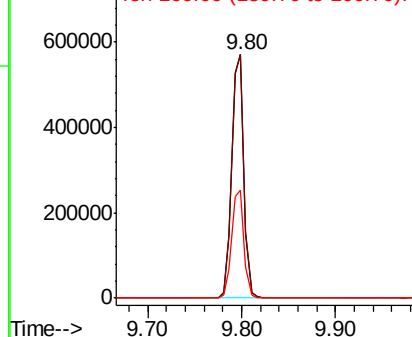
164 100

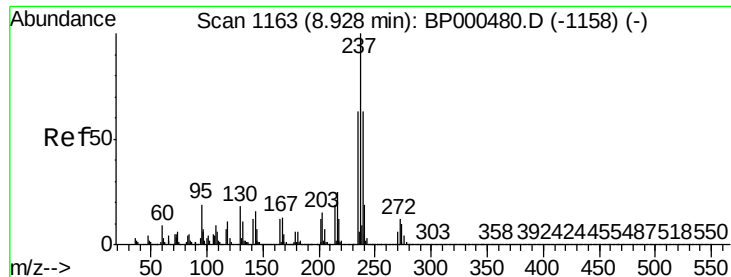
162 100.2 82.2 123.2

160 44.5 37.6 56.4



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

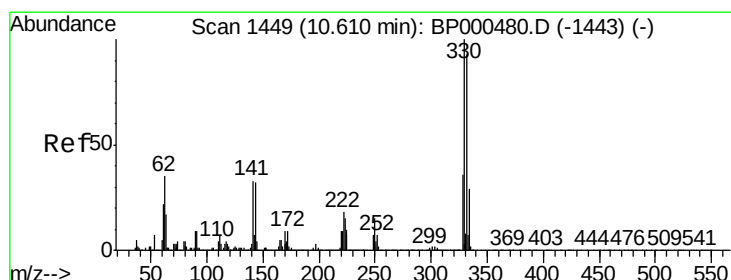
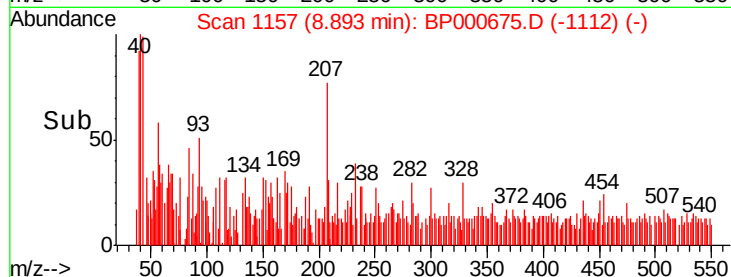
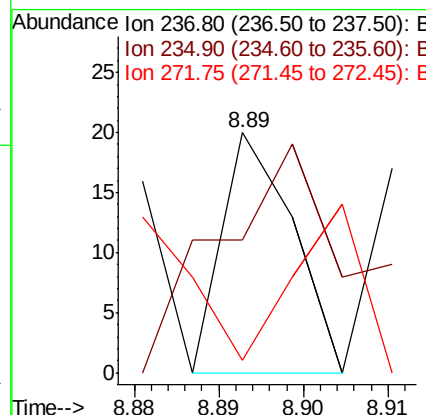
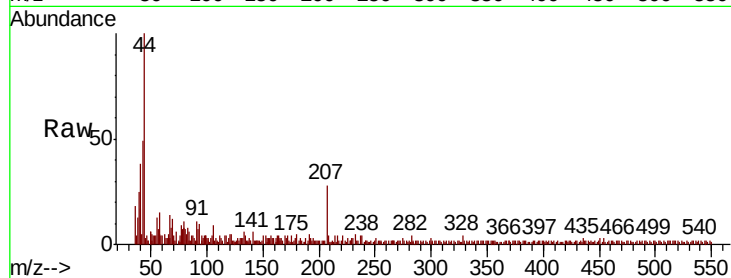




#41
Hexachlorocyclopentadiene
Concen: 7.299 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.04 min
Lab File: BP000675.D
Acq: 12 Oct 2019 18:21

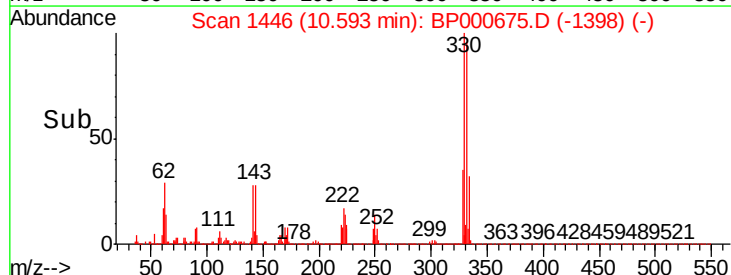
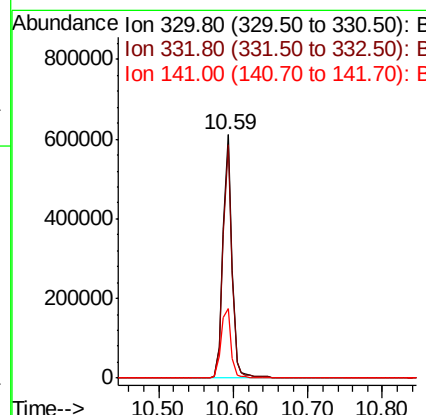
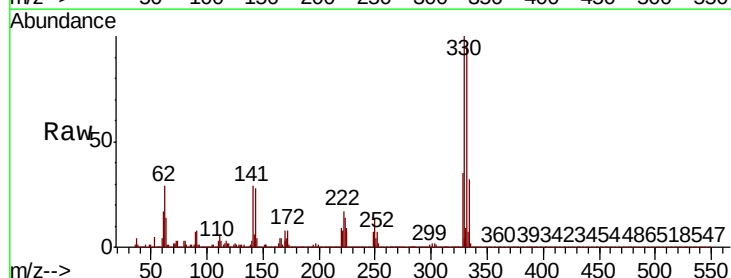
Instrument :
BNA_P
ClientSampleId :

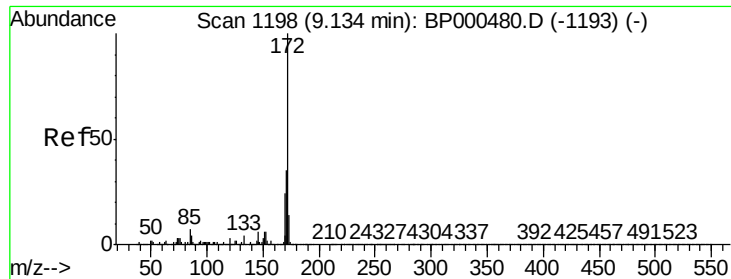
Tot Ion	Ratio	Lower	Upper
237	100		
235	55.0	42.9	82.9
272	5.0	0.0	32.4



#42
2,4,6-Tribromophenol
Concen: 95.033 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000675.D
Acq: 12 Oct 2019 18:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	31.9	26.0	39.0

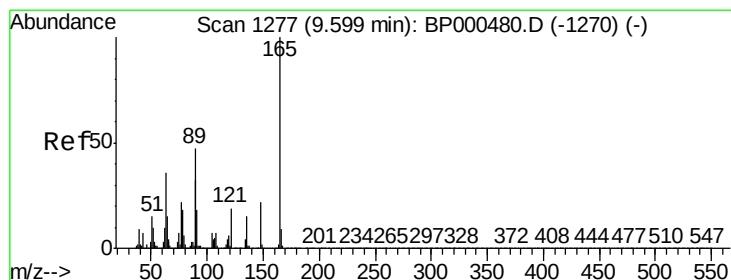
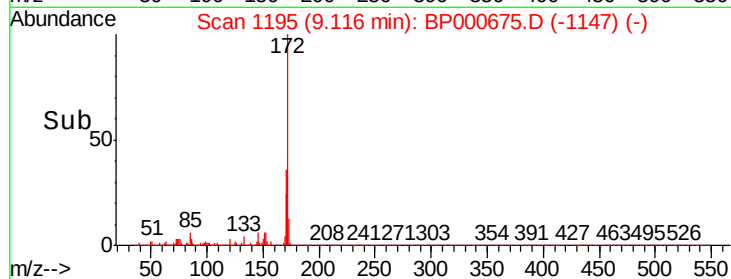
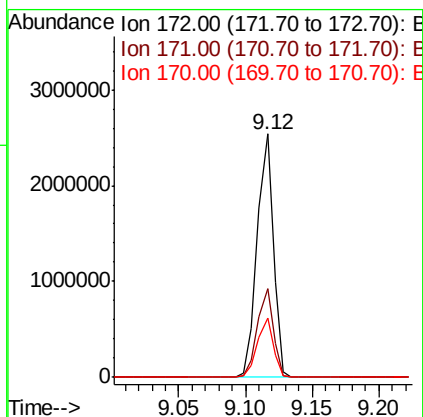
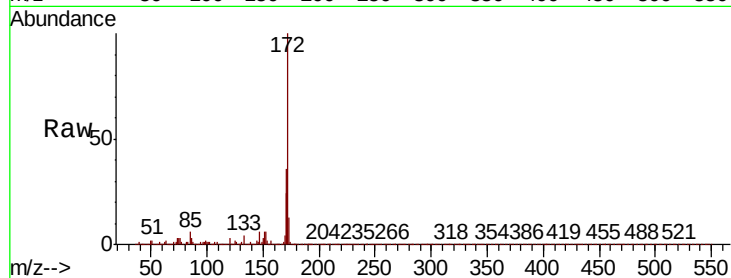




#45
2-Fluorobiphenyl
Concen: 67.446 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000675.D
Acq: 12 Oct 2019 18:21

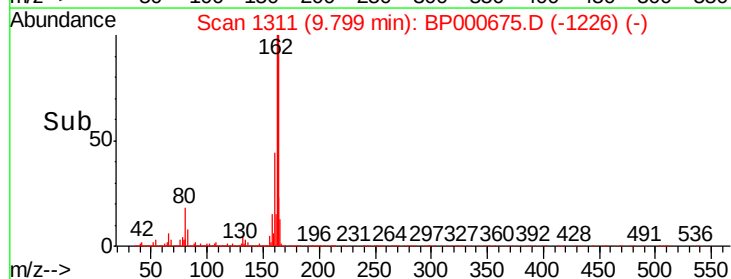
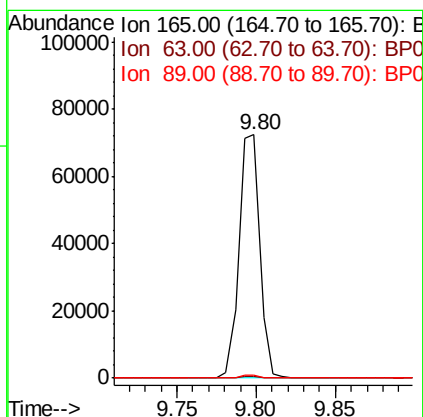
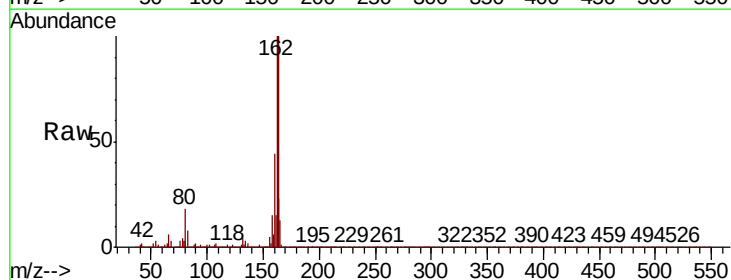
Instrument :
BNA_P
ClientSampleId :

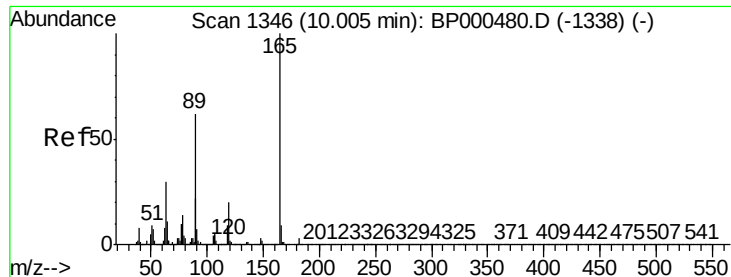
Tot Ion:172 Resp: 2101491
Ion Ratio Lower Upper
172 100
171 36.4 28.4 42.6
170 24.4 19.1 28.7



#51
2,6-Dinitrotoluene
Concen: 8.610 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.20 min
Lab File: BP000675.D
Acq: 12 Oct 2019 18:21

Tgt Ion:165 Resp: 65774
Ion Ratio Lower Upper
165 100
63 0.9 29.9 44.9#
89 1.1 37.3 55.9#

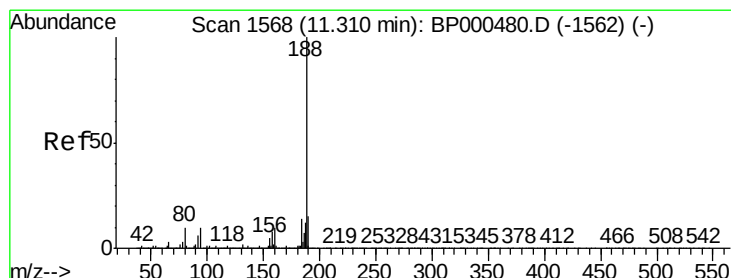
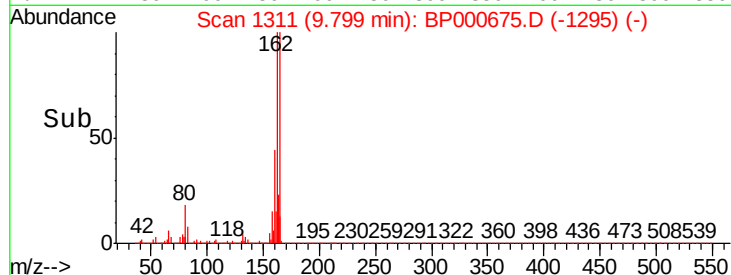
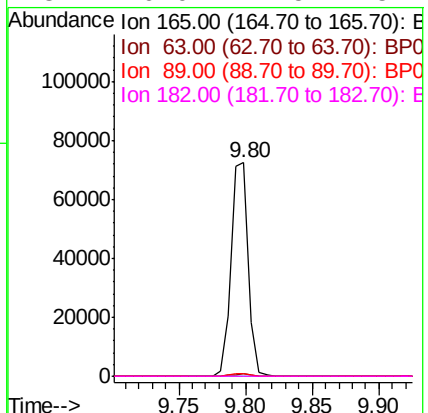
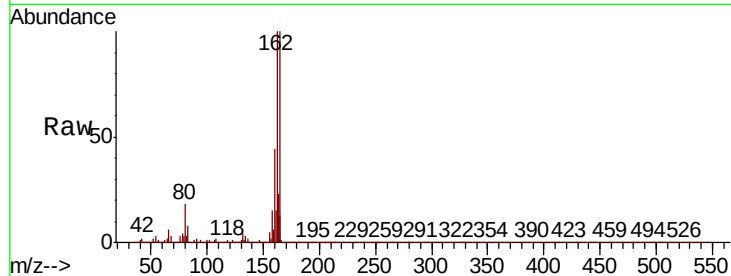




#57
2,4-Dinitrotoluene
Concen: 6.498 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BP000675.D
Acq: 12 Oct 2019 18:21

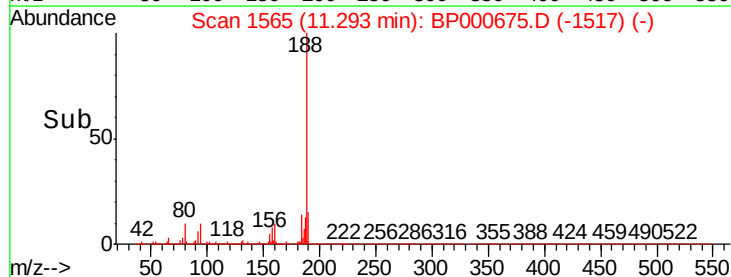
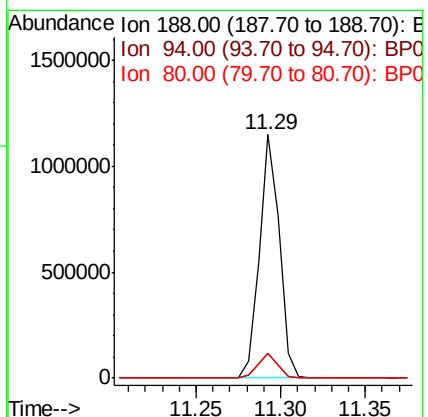
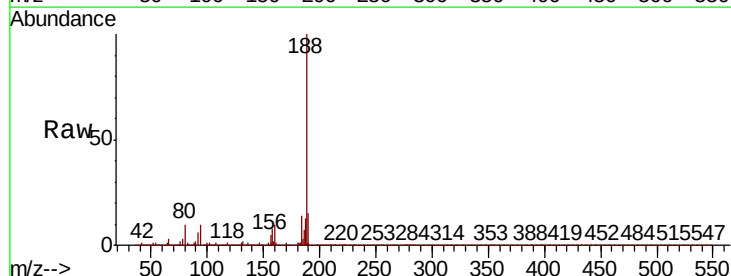
Instrument :
BNA_P
ClientSampled :

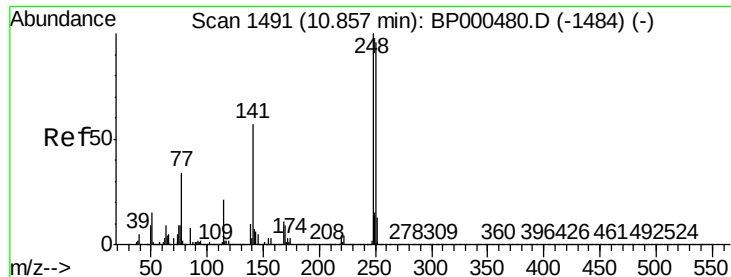
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	24.2	36.4#
89	1.1	49.4	74.0#
182	0.0	2.5	3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000675.D
Acq: 12 Oct 2019 18:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.2
80	10.1	8.3	12.5

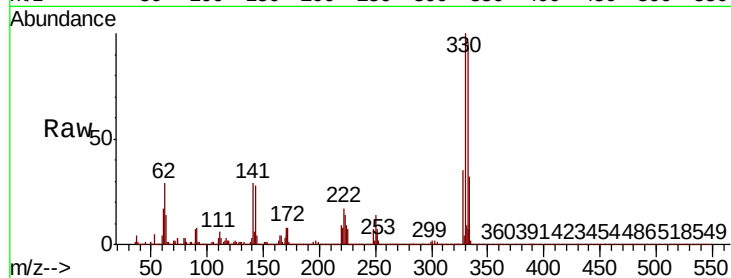




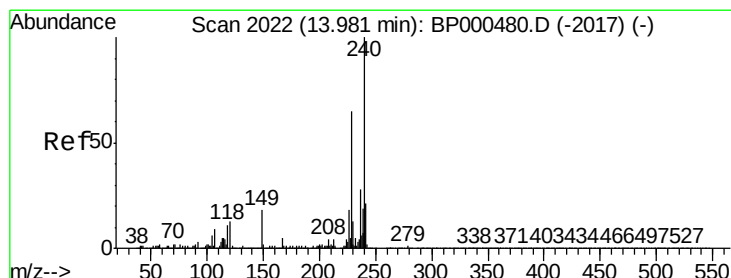
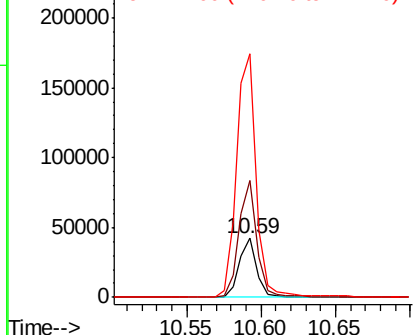
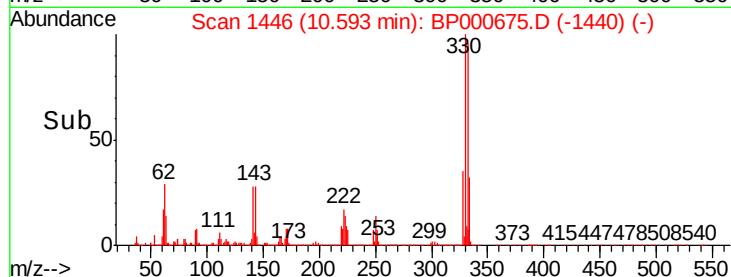
#67
4-Bromophenyl-phenylether
Concen: 3.290 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.26 min
Lab File: BP000675.D
Acq: 12 Oct 2019 18:21

Instrument :
BNA_P
ClientSampled :

Tot Ion:248 Resp: 35119
Ion Ratio Lower Upper
248 100
250 198.5 77.2 115.8#
141 411.4 45.3 67.9#

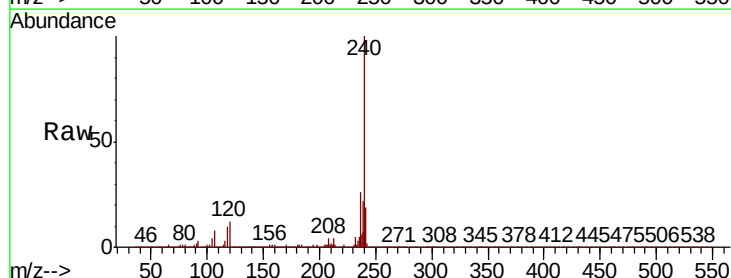


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

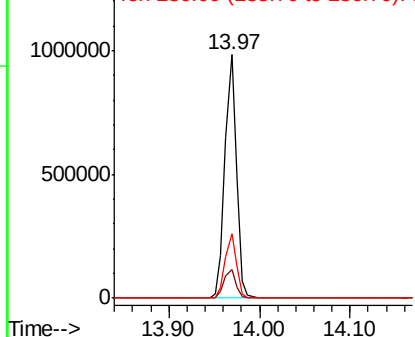
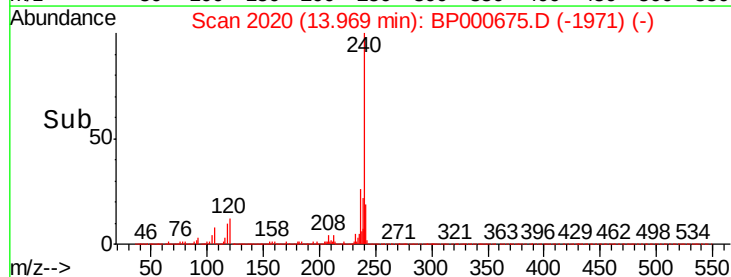


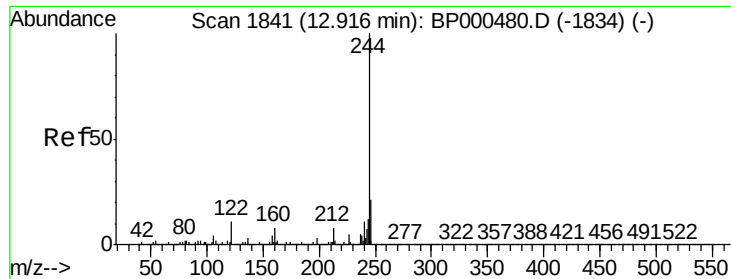
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000675.D
Acq: 12 Oct 2019 18:21

Tgt Ion:240 Resp: 849419
Ion Ratio Lower Upper
240 100
120 11.6 10.1 15.1
236 26.3 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: 63.339 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BP000675.D

Acq: 12 Oct 2019 18:21

Instrument :

BNA_P

ClientSampleId :

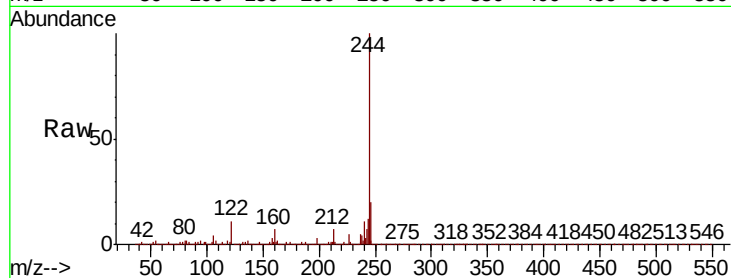
Tot Ion:244 Resp: 2657196

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 10.8 8.9 13.3

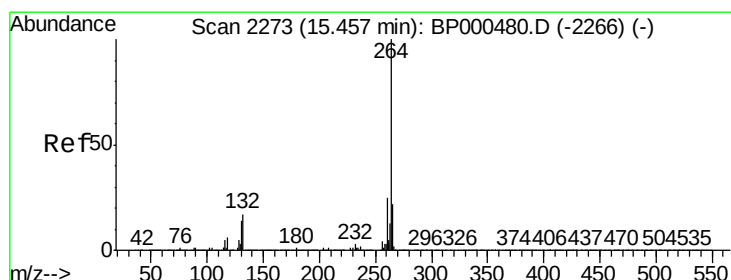
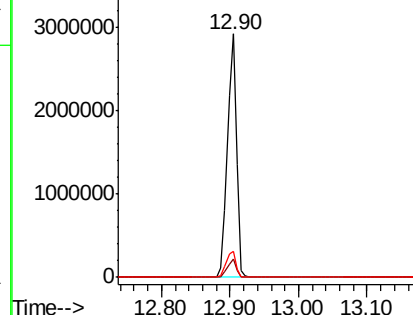
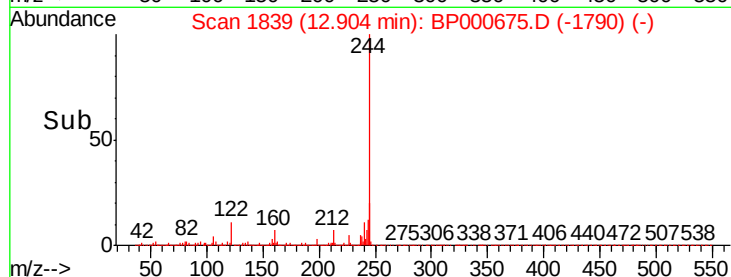


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BP000675.D

Acq: 12 Oct 2019 18:21

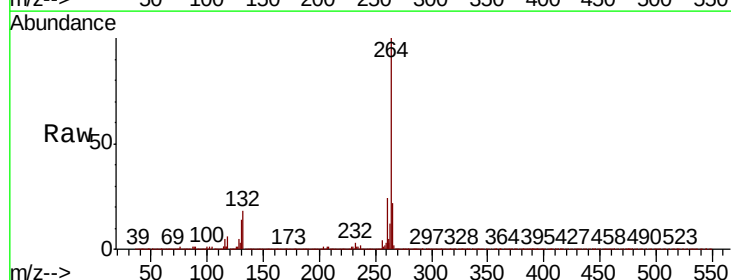
Tgt Ion:264 Resp: 932705

Ion Ratio Lower Upper

264 100

260 24.1 20.3 30.5

265 21.7 18.0 27.0



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

