

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000890.D
 Acq On : 18 Oct 2019 21:03
 Operator : JU
 Sample : K5420-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1

Quant Time: Oct 19 02:20:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 16:40:44 2019
 Response via : Initial Calibration

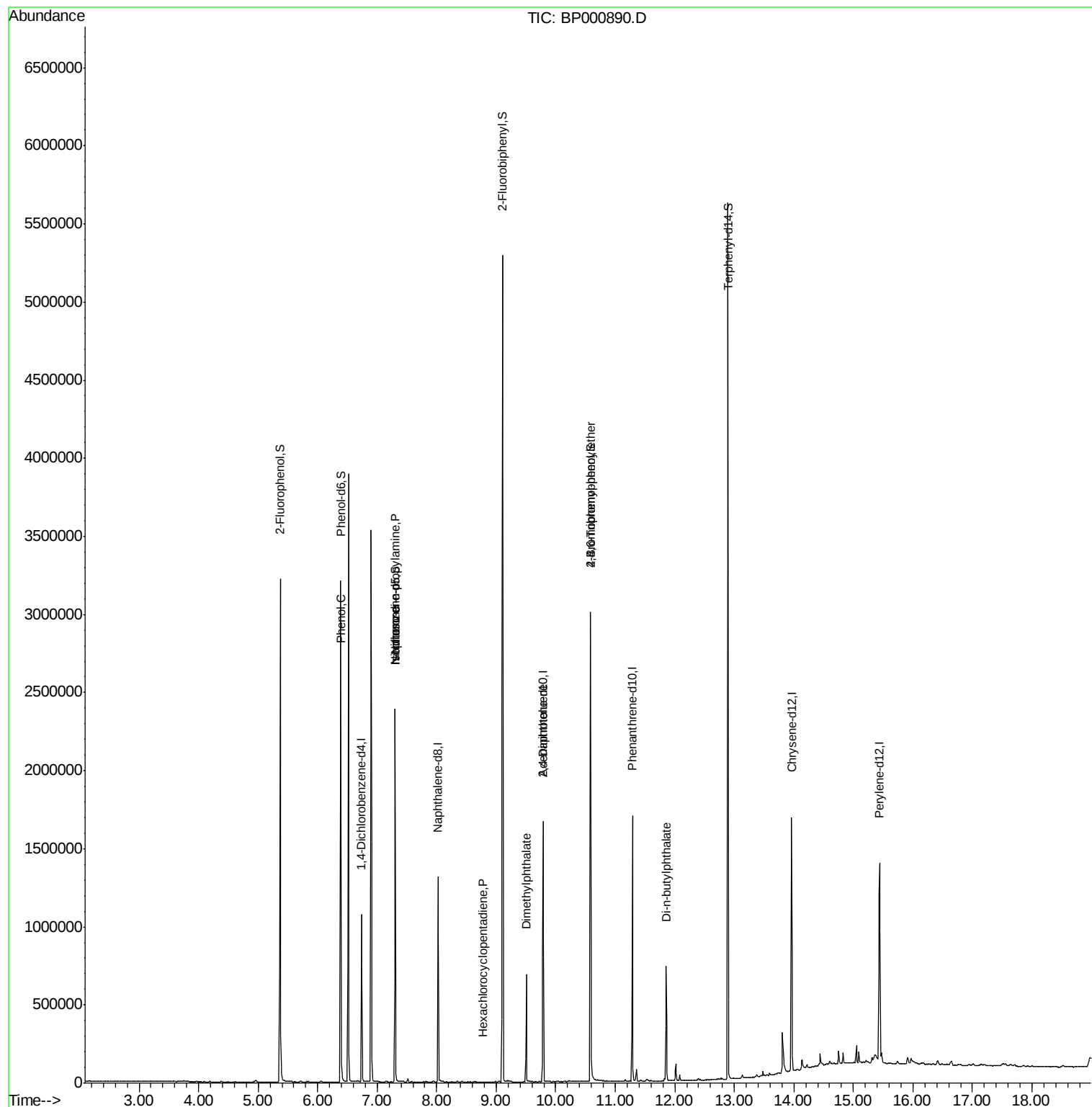
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	154739	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	558429	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	306973	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	570272	20.00	ng	0.00
76) Chrysene-d12	13.96	240	522832	20.00	ng	0.00
87) Perylene-d12	15.44	264	590874	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1008197	104.73	ng	0.00
7) Phenol-d6	6.39	99	1290708	111.27	ng	0.00
23) Nitrobenzene-d5	7.30	82	716246	78.34	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	419671	128.29	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1614457	85.09	ng	0.00
79) Terphenyl-d14	12.89	244	1967026	76.18	ng	0.00
Target Compounds						
10) Phenol	6.40	94	30592	2.576	ng	79
19) n-Nitroso-di-n-propylamine	7.30	70	88847	16.616	ng	# 73
25) Isophorone	7.30	82	716135	44.131	ng	# 61
41) Hexachlorocyclopentadiene	8.77	237	16	7.301	ng	92
50) Dimethylphthalate	9.50	163	294507	13.807	ng	99
57) 2,4-Dinitrotoluene	9.79	165	40356	6.543	ng	# 31
67) 4-Bromophenyl-phenylether	10.59	248	28478	4.436	ng	# 1
74) Di-n-butylphthalate	11.86	149	335763	10.470	ng	100

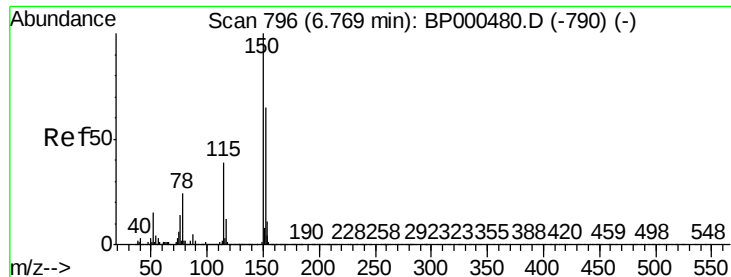
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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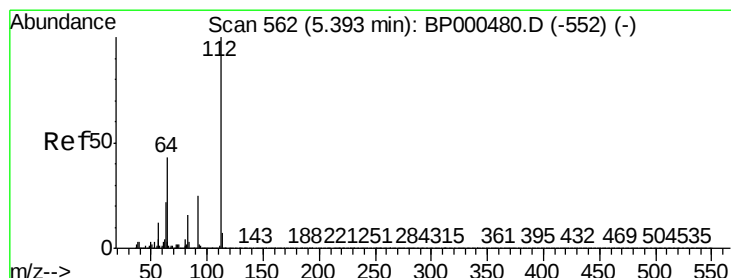
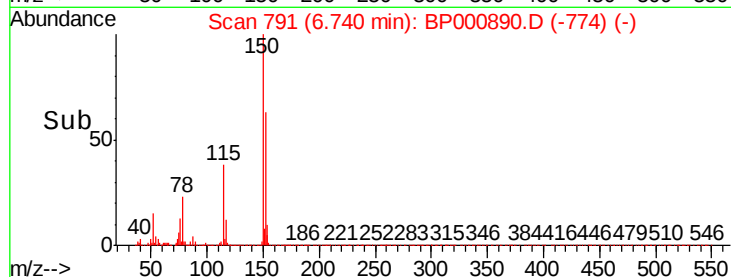
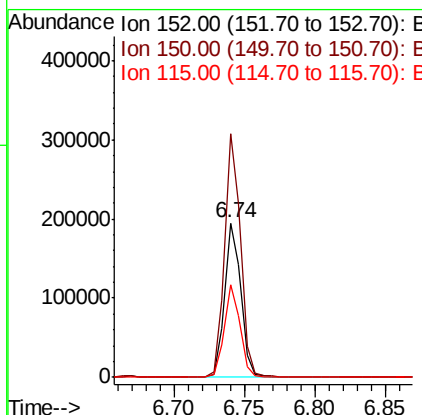
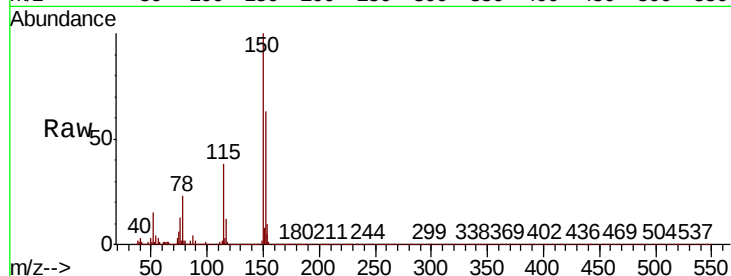


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BP000890.D
Acq: 18 Oct 2019 21:03

Instrument :
BNA_P
ClientSampleId :
TP-1

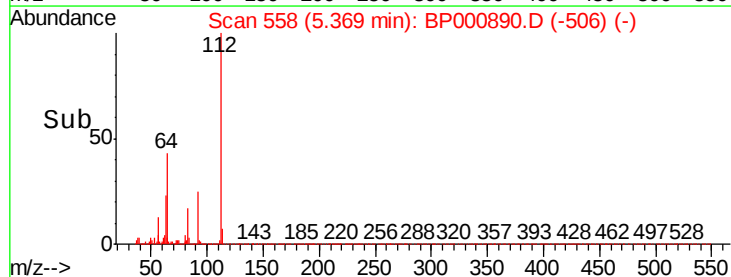
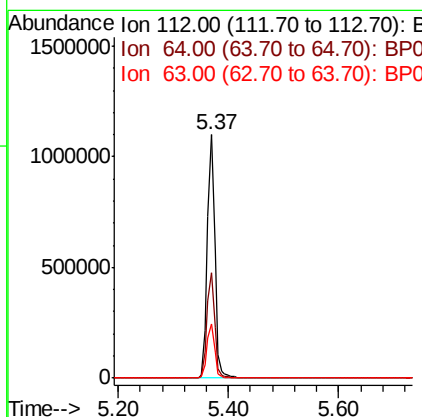
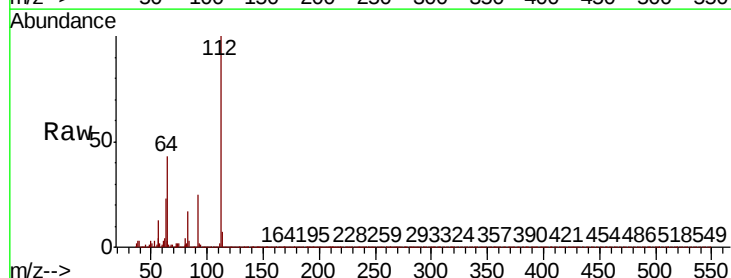
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	123.8	185.8
115	60.2	46.8	70.2

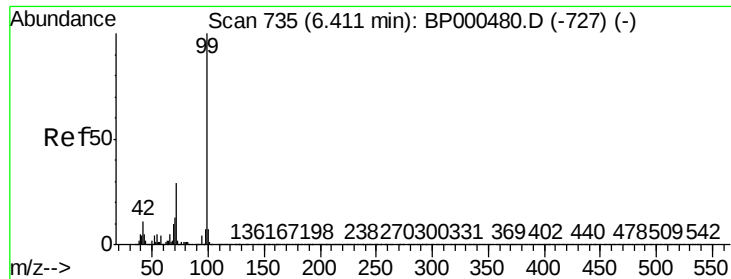


#5

2-Fluorophenol
Concen: 104.732 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.01 min
Lab File: BP000890.D
Acq: 18 Oct 2019 21:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.4	33.9	50.9
63	22.5	17.4	26.0





#7

Phenol-d6

Concen: 111.266 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BP000890.D

Acq: 18 Oct 2019 21:03

Instrument :

BNA_P

ClientSampleId :

TP-1

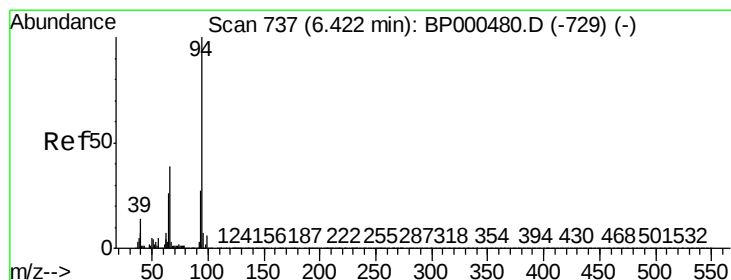
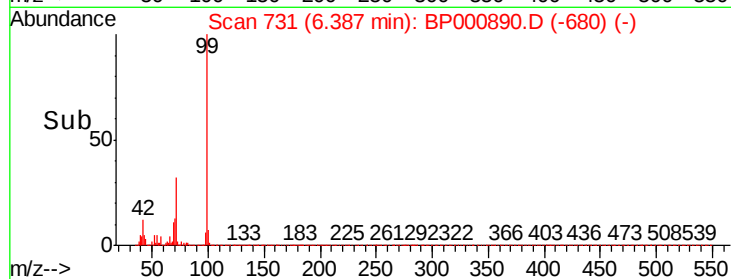
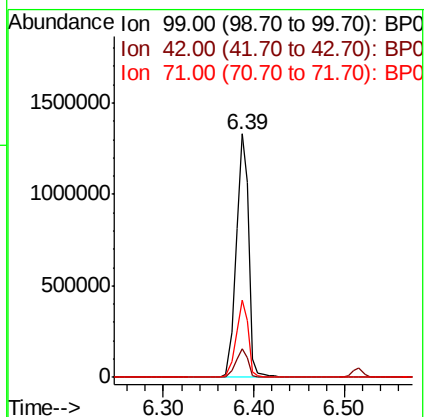
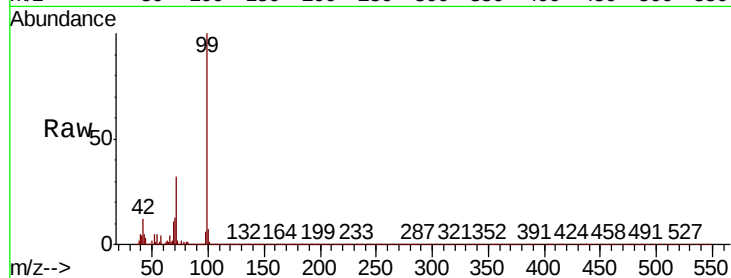
Tot Ion: 99 Resp: 1290708

Ion Ratio Lower Upper

99 100

42 11.5 8.7 13.1

71 31.9 24.1 36.1



#10

Phenol

Concen: 2.576 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BP000890.D

Acq: 18 Oct 2019 21:03

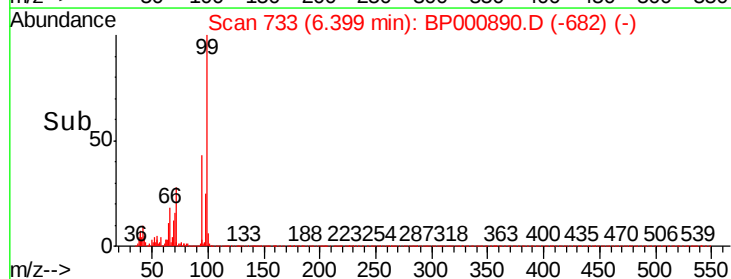
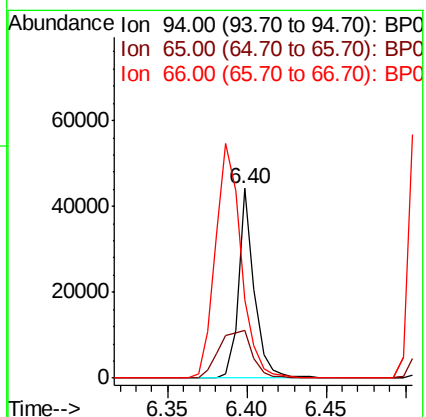
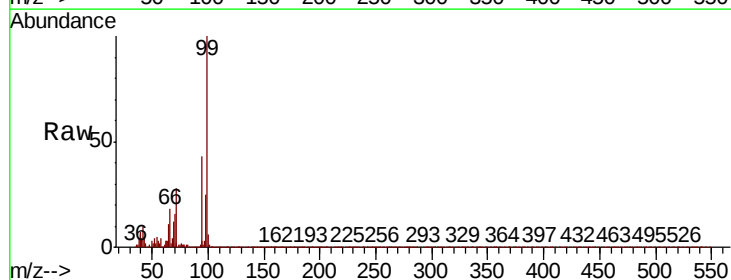
Tgt Ion: 94 Resp: 30592

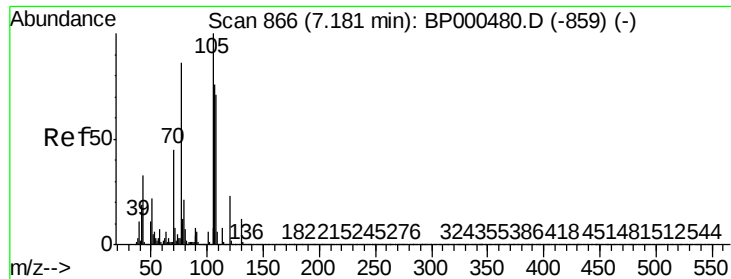
Ion Ratio Lower Upper

94 100

65 25.3 14.6 54.6

66 41.7 39.2 79.2

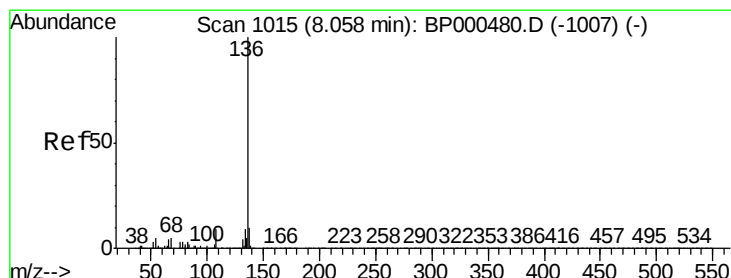
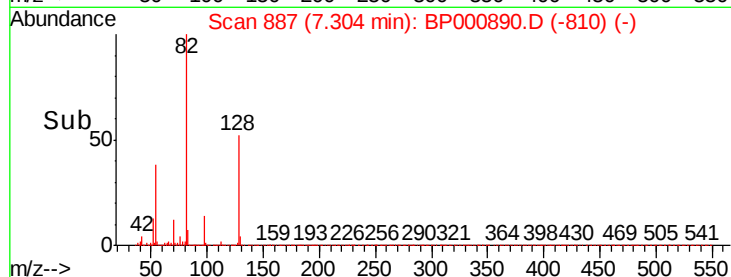
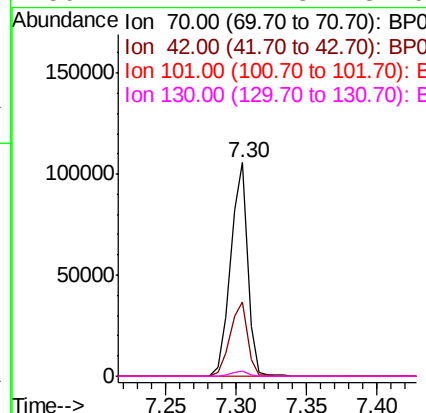
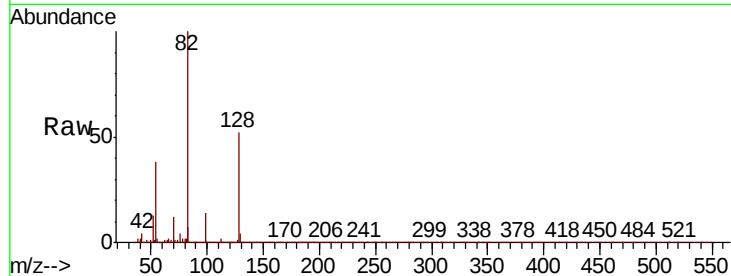




#19
n-Nitroso-di-n-propylamine
Concen: 16.616 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.15 min
Lab File: BP000890.D
Acq: 18 Oct 2019 21:03

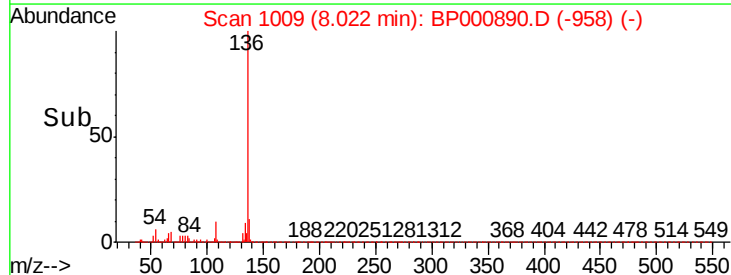
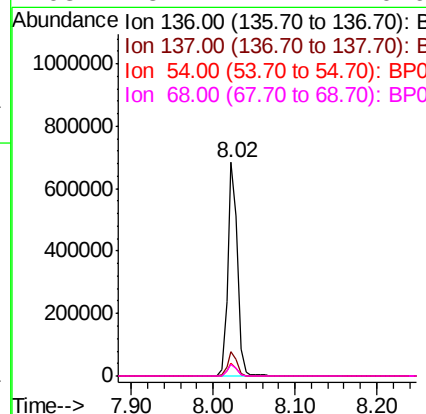
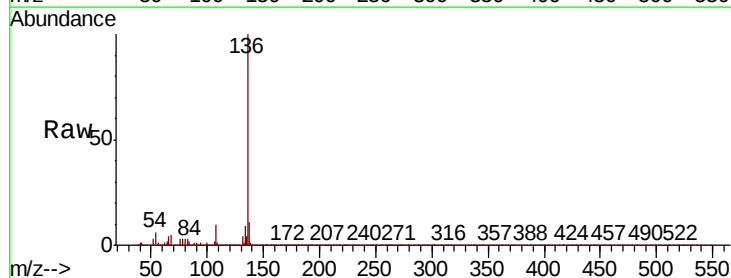
Instrument :
BNA_P
ClientSampleId :
TP-1

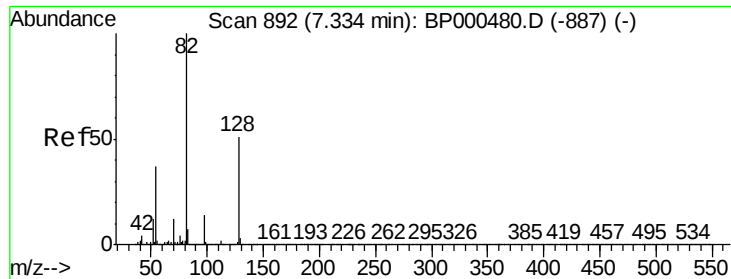
Tot Ion: 70 Resp: 88847
Ion Ratio Lower Upper
70 100
42 34.5 34.0 51.0
101 0.0 9.5 14.3#
130 2.4 21.3 31.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BP000890.D
Acq: 18 Oct 2019 21:03

Tgt Ion:136 Resp: 558429
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 5.8 4.6 6.8
68 5.4 4.4 6.6

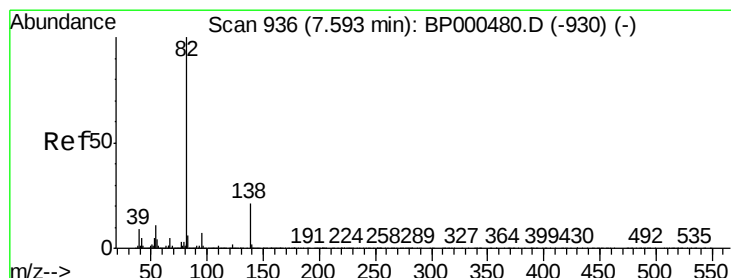
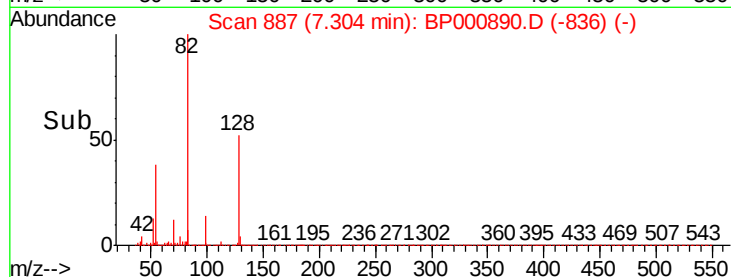
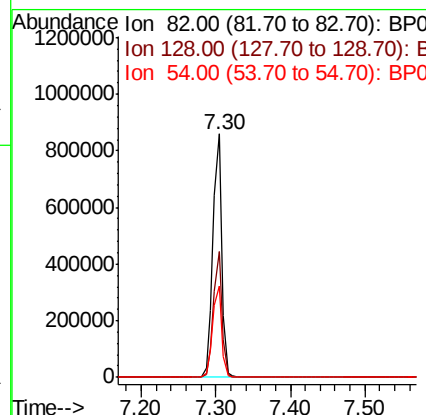
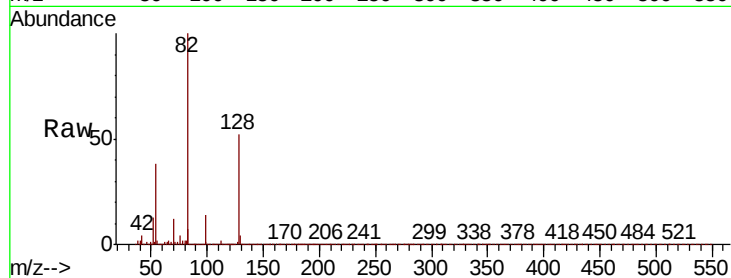




#23
Nitrobenzene-d5
Concen: 78.336 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000890.D
Acq: 18 Oct 2019 21:03

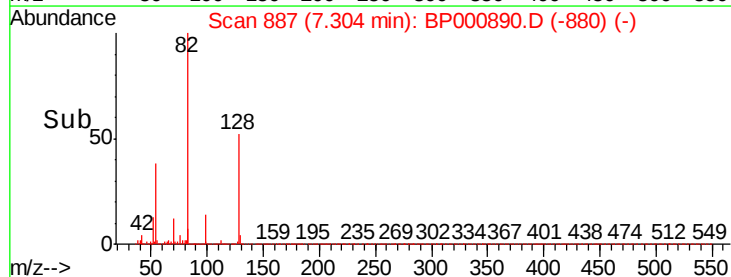
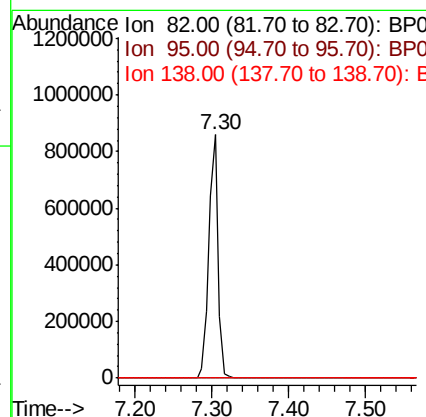
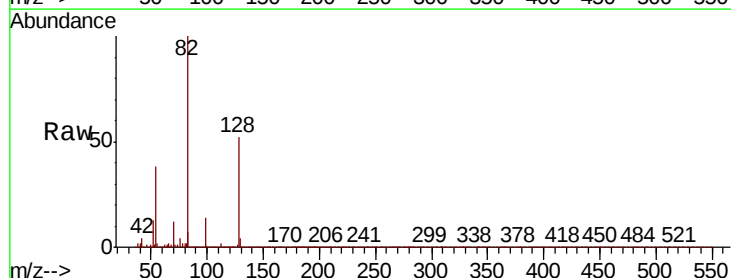
Instrument :
BNA_P
ClientSampleId :
TP-1

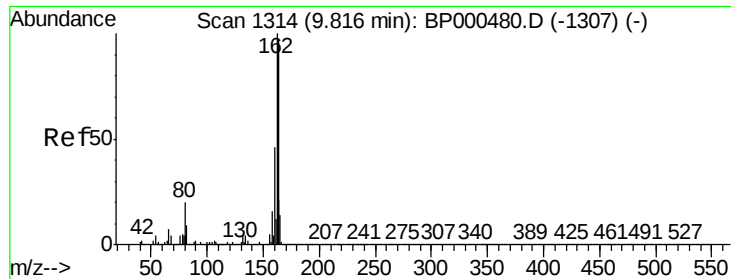
Tot Ion	82	Resp	716246
Ion Ratio	100	Lower	Upper
128	51.7	41.2	61.8
54	37.6	30.6	45.8



#25
Isophorone
Concen: 44.131 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.26 min
Lab File: BP000890.D
Acq: 18 Oct 2019 21:03

Tgt Ion	82	Resp	716135
Ion Ratio	100	Lower	Upper
95	0.0	6.2	9.4#
138	0.0	17.0	25.4#

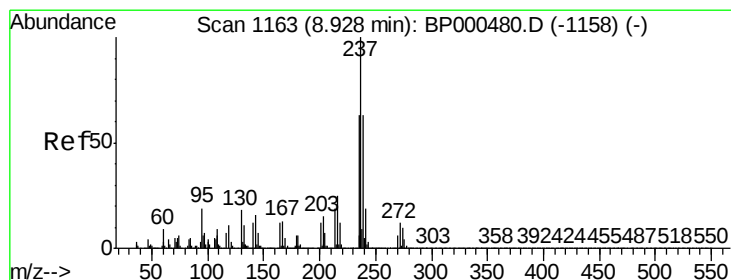
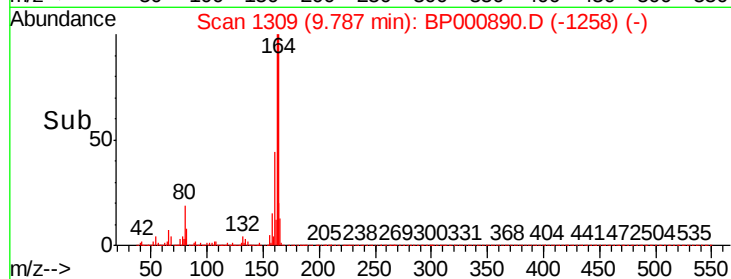
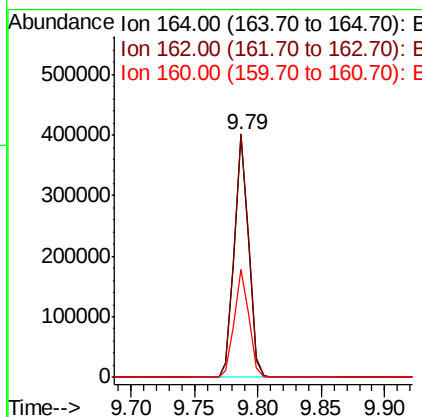
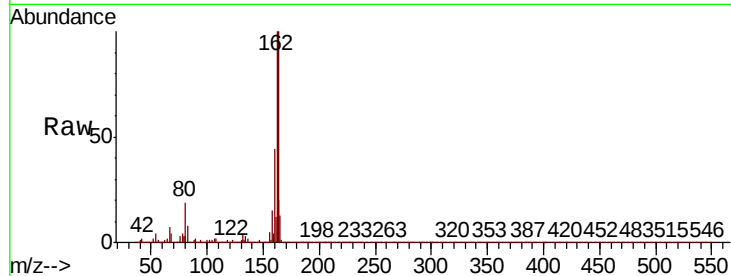




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BP000890.D
Acq: 18 Oct 2019 21:03

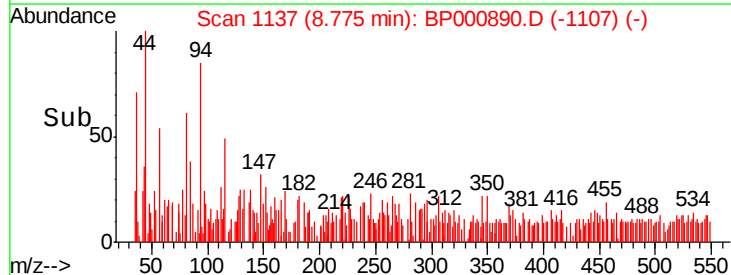
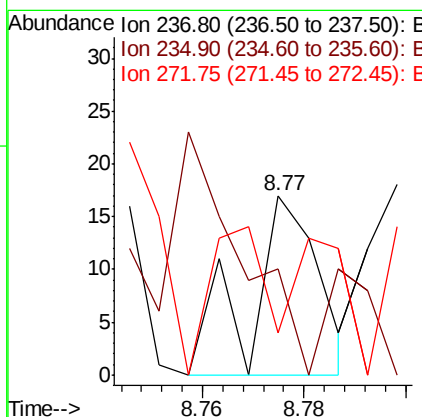
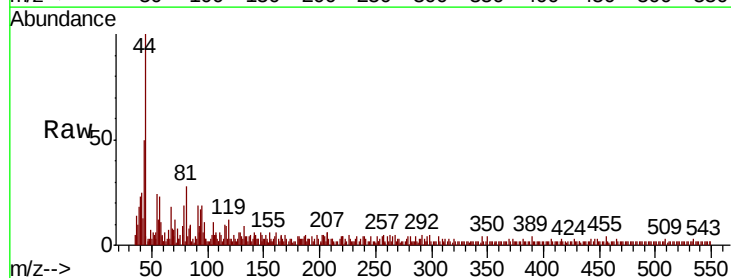
Instrument :
BNA_P
ClientSampled :
TP-1

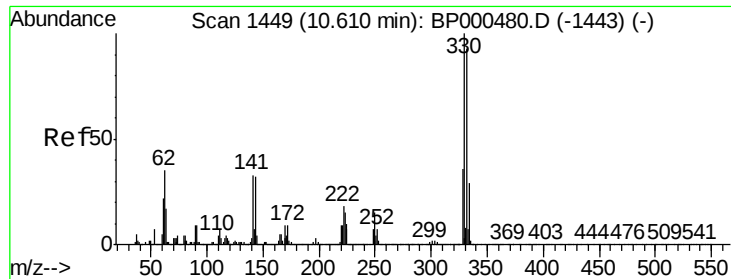
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.6	121.0
160	44.4	35.4	53.2



#41
Hexachlorocyclopentadiene
Concen: 7.301 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.12 min
Lab File: BP000890.D
Acq: 18 Oct 2019 21:03

Tgt Ion	Ratio	Lower	Upper
237	100		
235	58.8	42.3	82.3
272	23.5	0.0	33.6

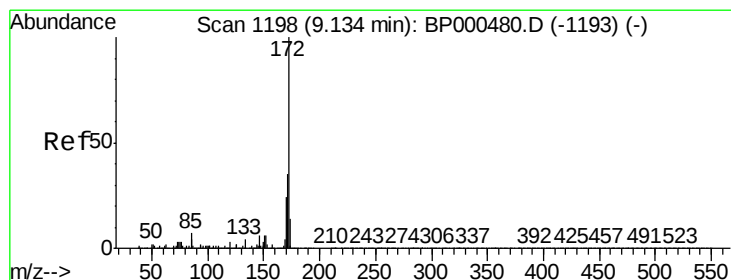
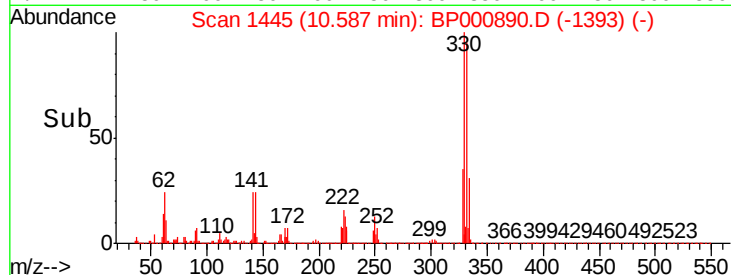
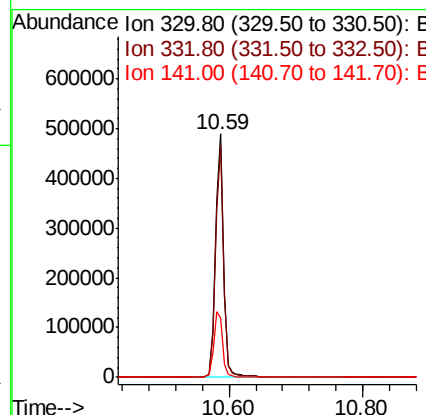
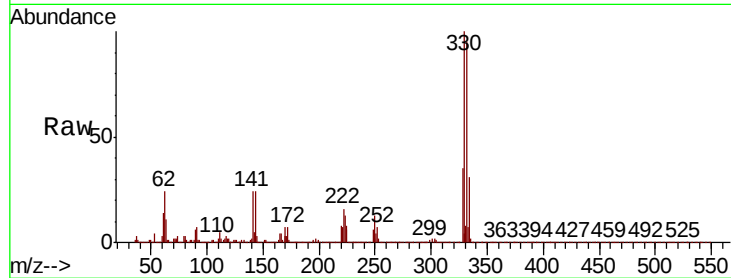




#42
 2,4,6-Tribromophenol
 Concen: 128.294 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BP000890.D
 Acq: 18 Oct 2019 21:03

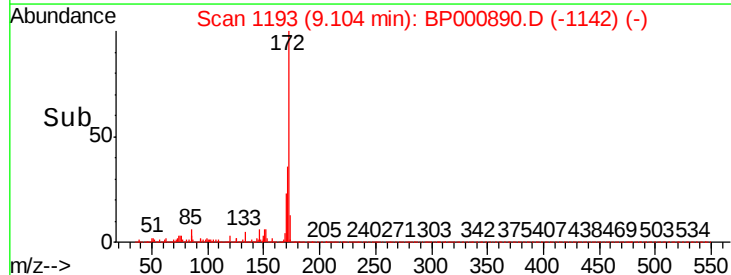
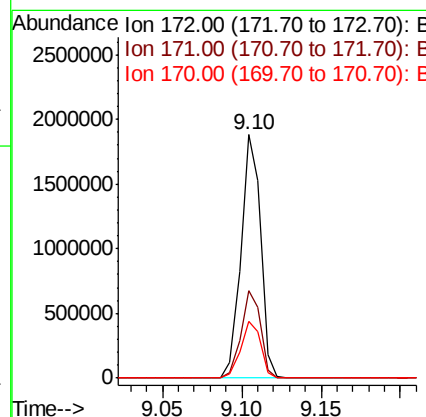
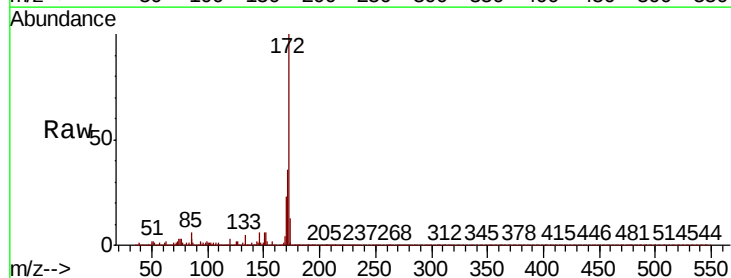
Instrument :
 BNA_P
 ClientSampleId :
 TP-1

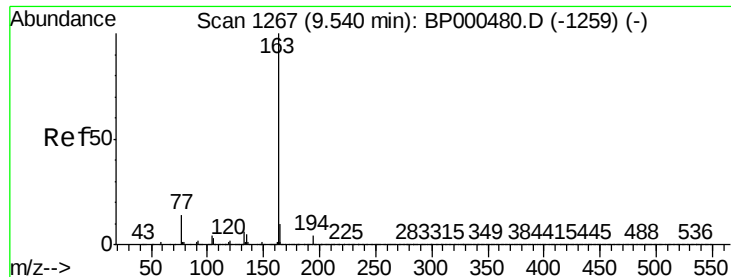
Tot Ion:330 Resp: 419671
 Ion Ratio Lower Upper
 330 100
 332 95.5 78.2 117.4
 141 29.6 23.7 35.5



#45
 2-Fluorobiphenyl
 Concen: 85.095 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BP000890.D
 Acq: 18 Oct 2019 21:03

Tgt Ion:172 Resp: 1614457
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.4
 170 23.5 19.3 28.9

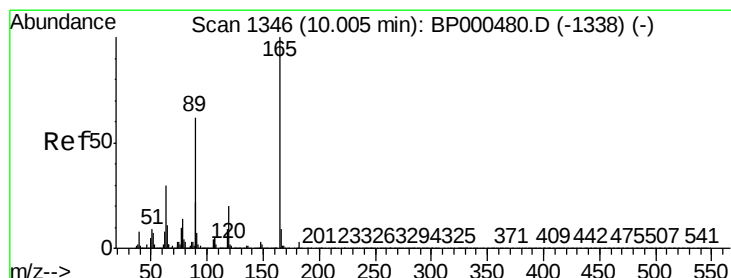
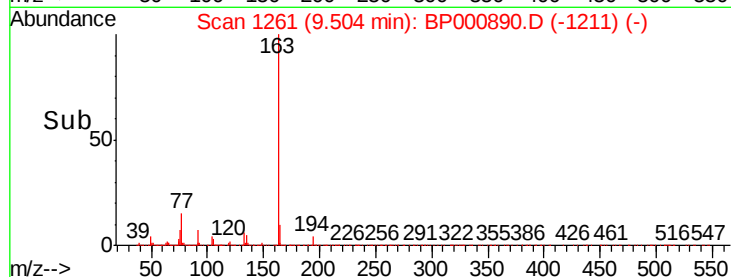
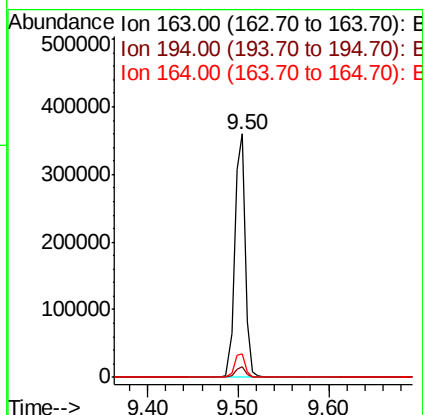
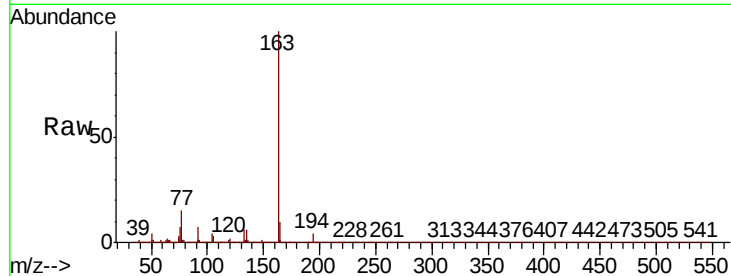




#50
Dimethylphthalate
Concen: 13.807 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BP000890.D
Acq: 18 Oct 2019 21:03

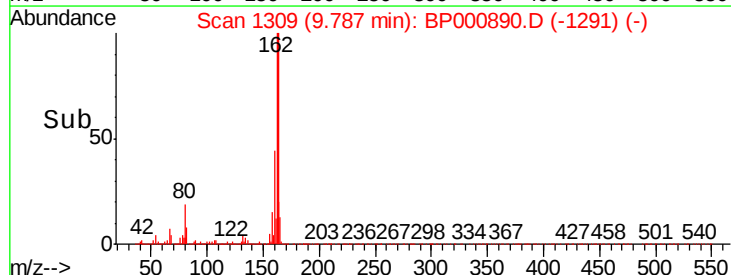
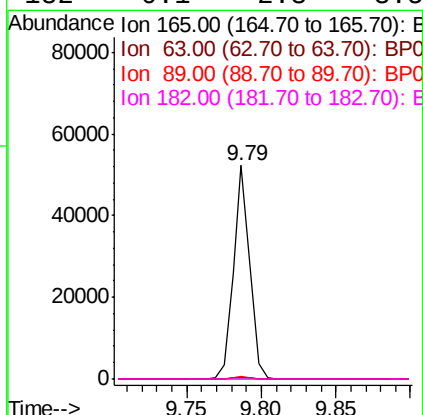
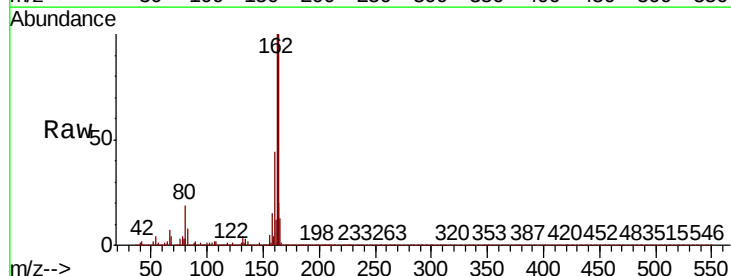
Instrument :
BNA_P
ClientSampled :
TP-1

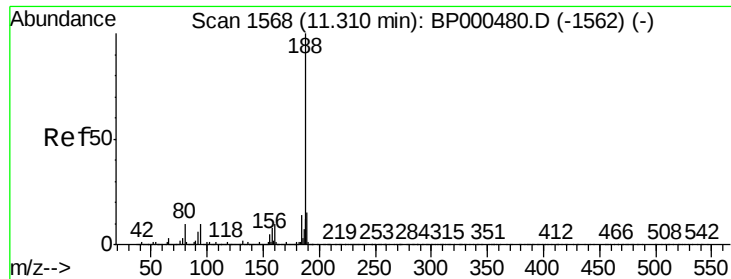
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	9.7	8.3	12.5



#57
2,4-Dinitrotoluene
Concen: 6.543 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.19 min
Lab File: BP000890.D
Acq: 18 Oct 2019 21:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	25.4	38.2#
89	1.2	49.2	73.8#
182	0.1	2.3	3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1564

Delta R.T. 0.01 min

Lab File: BP000890.D

Acq: 18 Oct 2019 21:03

Instrument :

BNA_P

ClientSampleId :

TP-1

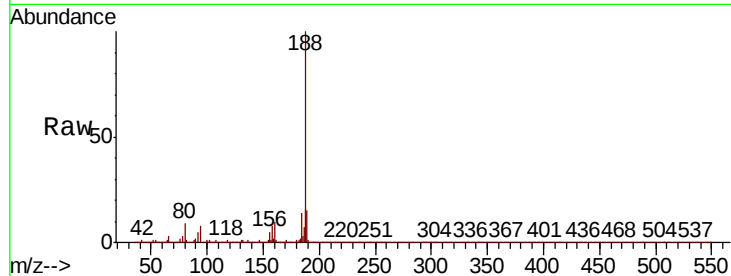
Tot Ion:188 Resp: 570272

Ion Ratio Lower Upper

188 100

94 8.4 8.0 12.0

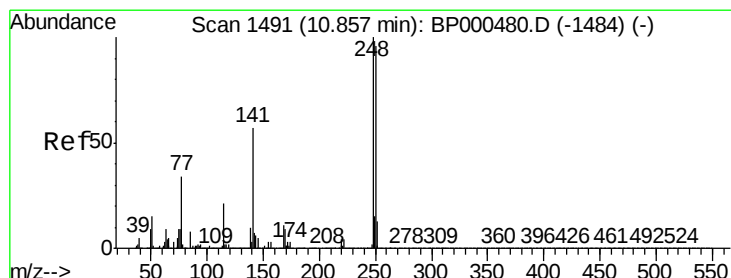
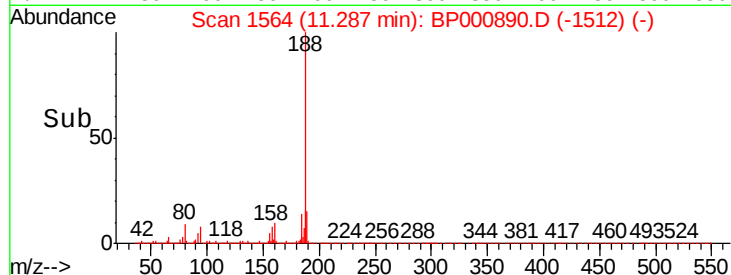
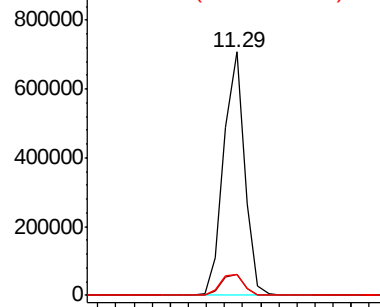
80 8.8 8.2 12.4



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: 4.436 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.24 min

Lab File: BP000890.D

Acq: 18 Oct 2019 21:03

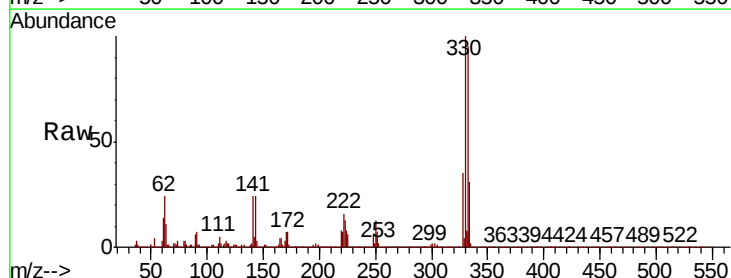
Tgt Ion:248 Resp: 28478

Ion Ratio Lower Upper

248 100

250 204.6 77.7 116.5#

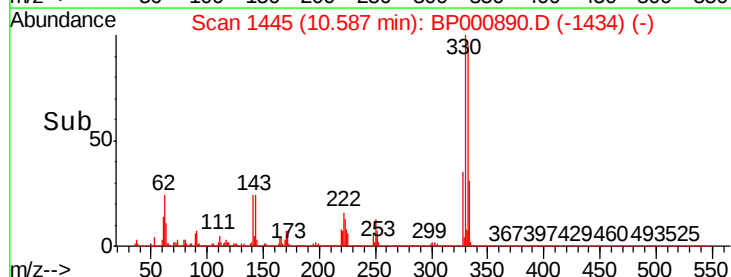
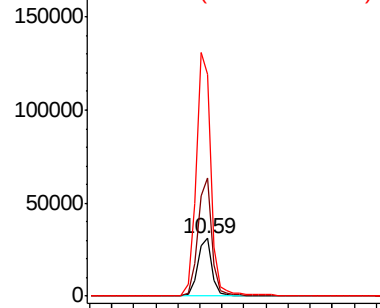
141 384.7 57.4 86.0#

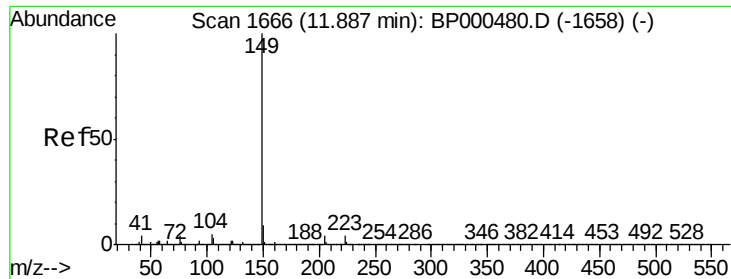


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#74

Di-n-butylphthalate

Concen: 10.470 ng

RT: 11.86 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BP000890.D

Acq: 18 Oct 2019 21:03

Instrument :

BNA_P

ClientSampleId :

TP-1

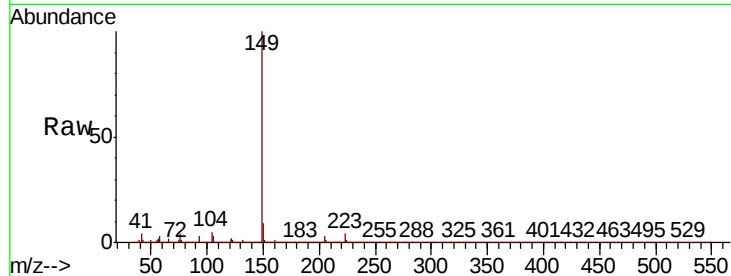
Tot Ion:149 Resp: 335763

Ion Ratio Lower Upper

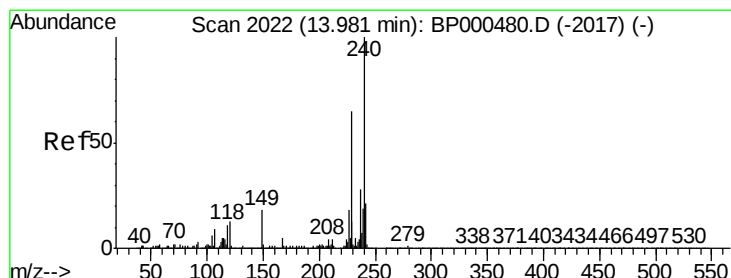
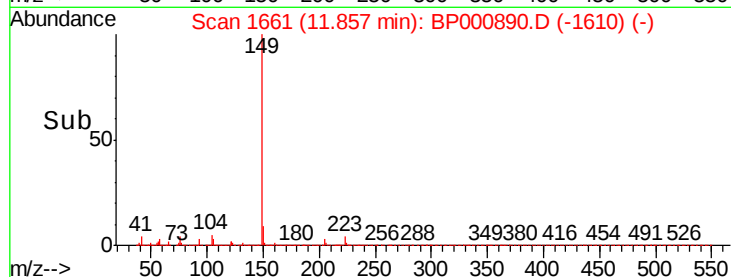
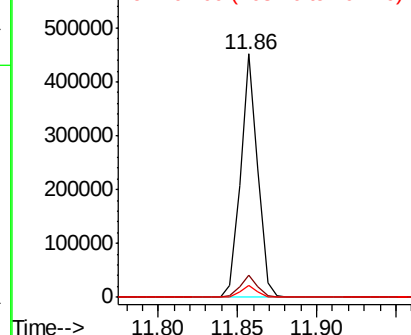
149 100

150 9.3 7.5 11.3

104 4.7 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BP000890.D

Acq: 18 Oct 2019 21:03

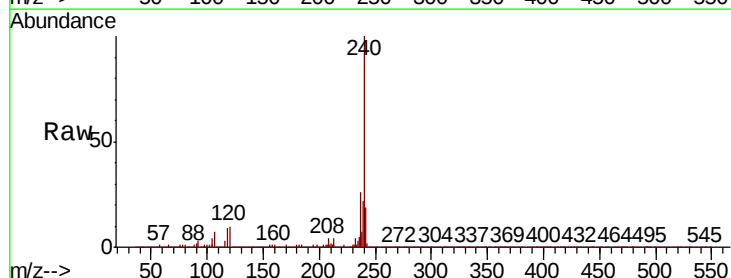
Tgt Ion:240 Resp: 522832

Ion Ratio Lower Upper

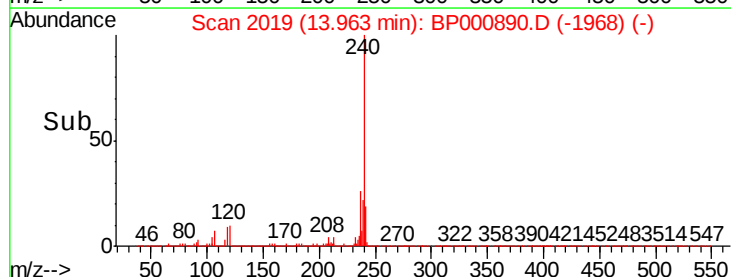
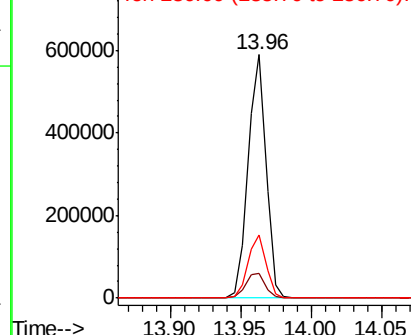
240 100

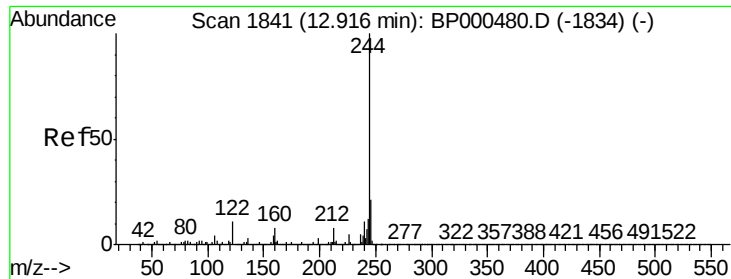
120 10.0 7.3 10.9

236 26.1 21.2 31.8



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: 76.175 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BP000890.D

Acq: 18 Oct 2019 21:03

Instrument :

BNA_P

ClientSampleId :

TP-1

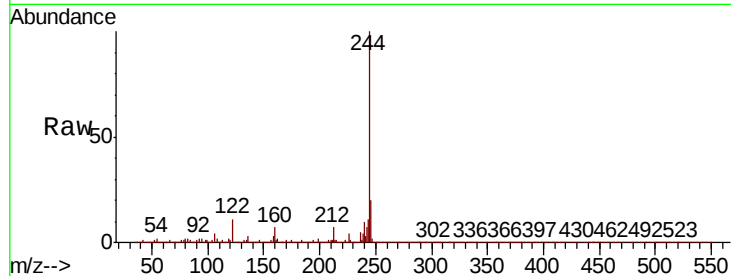
Tot Ion:244 Resp: 1967026

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

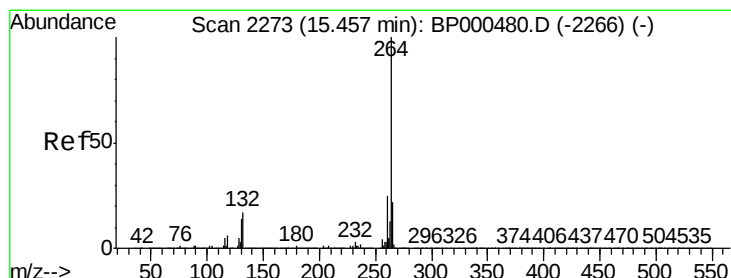
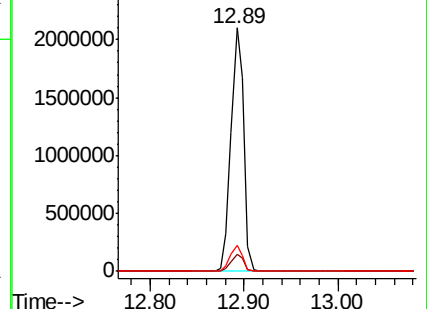
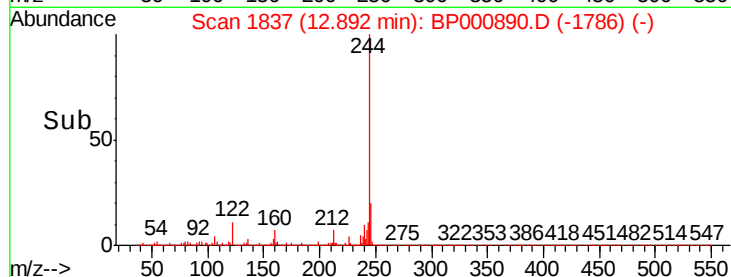
122 10.6 7.1 10.7



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: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BP000890.D

Acq: 18 Oct 2019 21:03

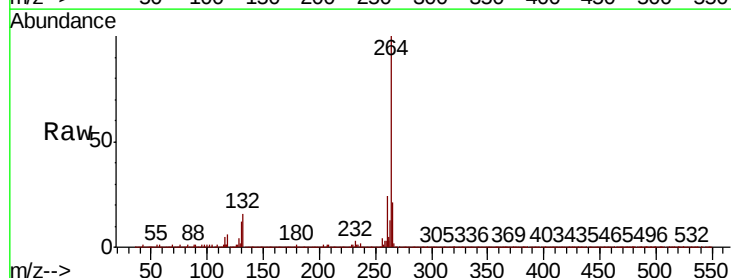
Tgt Ion:264 Resp: 590874

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 21.4 17.4 26.0



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

