

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000896.D
 Acq On : 18 Oct 2019 23:28
 Operator : JU
 Sample : K5420-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2

Quant Time: Oct 19 02:23:02 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

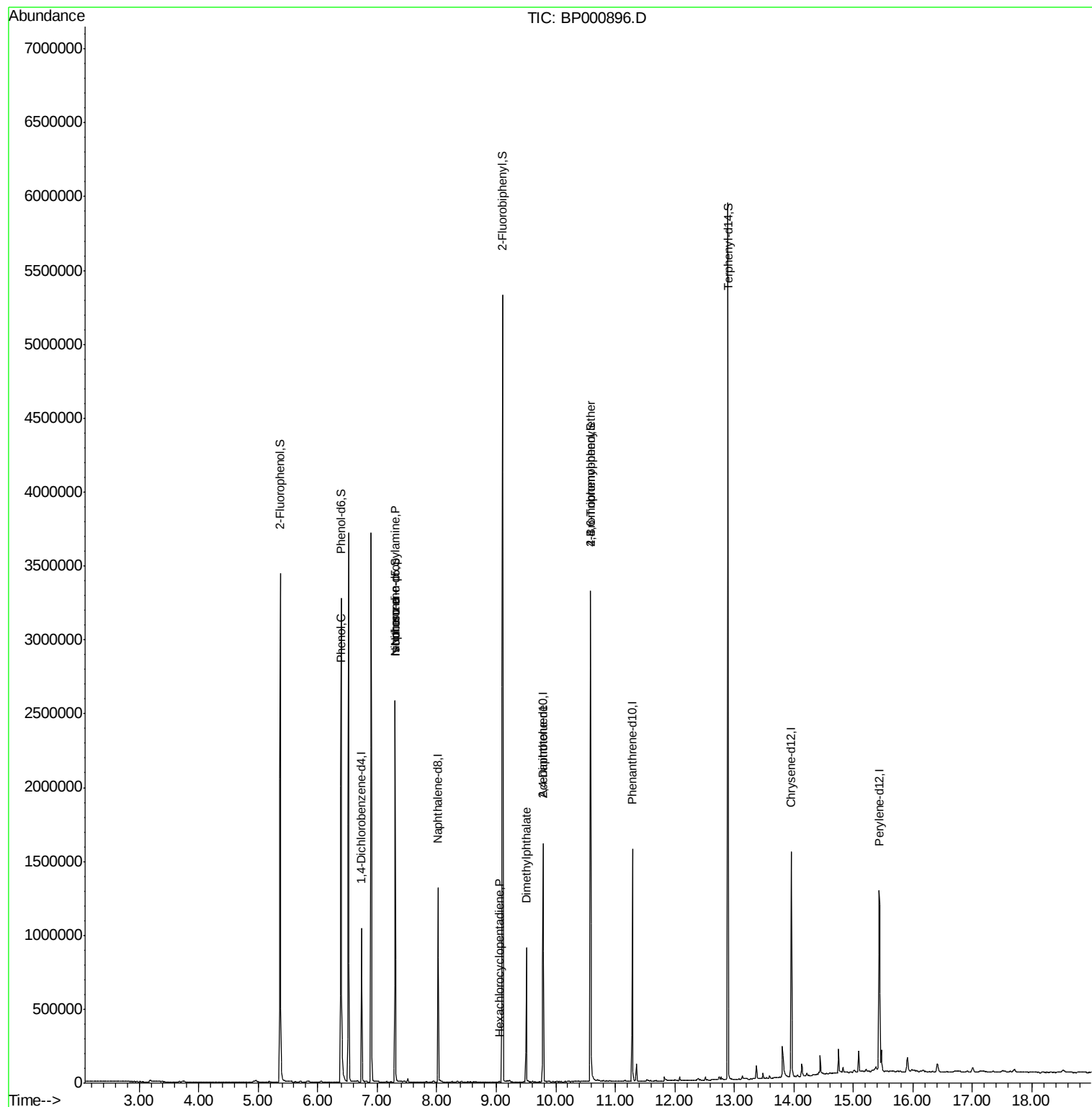
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	150109	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	535596	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	295608	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	550603	20.00	ng	0.00
76) Chrysene-d12	13.96	240	499824	20.00	ng	0.00
87) Perylene-d12	15.43	264	573139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1107633	118.61	ng	0.00
7) Phenol-d6	6.39	99	1410143	125.31	ng	0.00
23) Nitrobenzene-d5	7.30	82	769635	87.76	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	454650	144.33	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1662581	91.00	ng	0.00
79) Terphenyl-d14	12.89	244	2084500	84.44	ng	0.00
Target Compounds						
10) Phenol	6.40	94	35781	3.106	ng	88
19) n-Nitroso-di-n-propylamine	7.30	70	96077	18.523	ng	# 74
25) Isophorone	7.30	82	769343	49.431	ng	# 61
41) Hexachlorocyclopentadiene	9.06	237	22	7.302	ng	79
50) Dimethylphthalate	9.50	163	382324	18.613	ng	99
57) 2,4-Dinitrotoluene	9.79	165	38456	6.475	ng	# 31
67) 4-Bromophenyl-phenylether	10.59	248	30852	4.978	ng	# 1

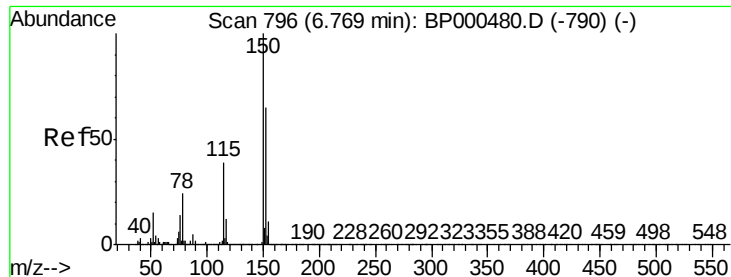
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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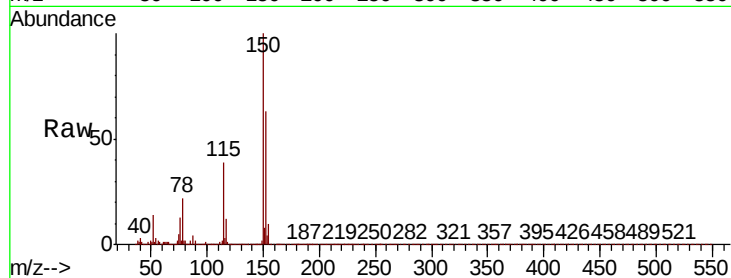


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BP000896.D
Acq: 18 Oct 2019 23:28

Instrument :
BNA_P
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.8	185.8
115	61.5	46.8	70.2

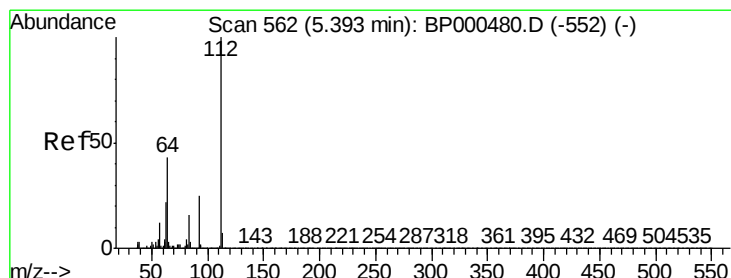
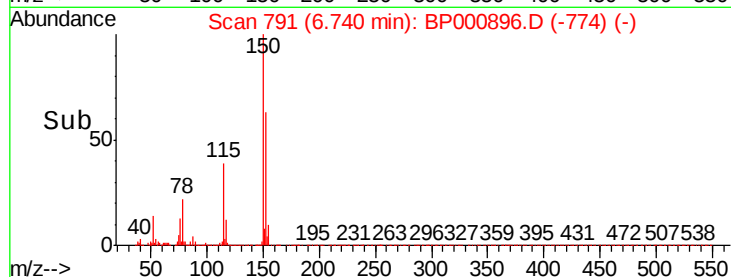
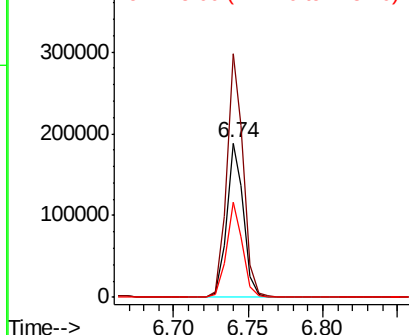


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

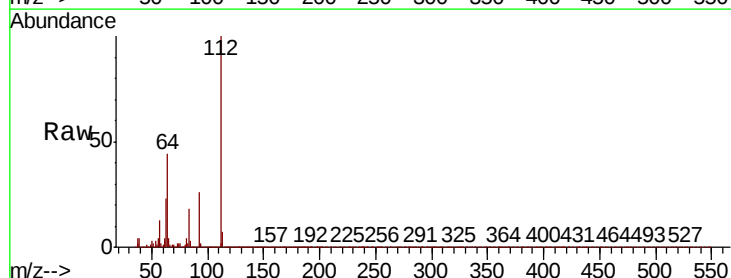
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 118.611 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.01 min
Lab File: BP000896.D
Acq: 18 Oct 2019 23:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.5	33.9	50.9
63	23.5	17.4	26.0

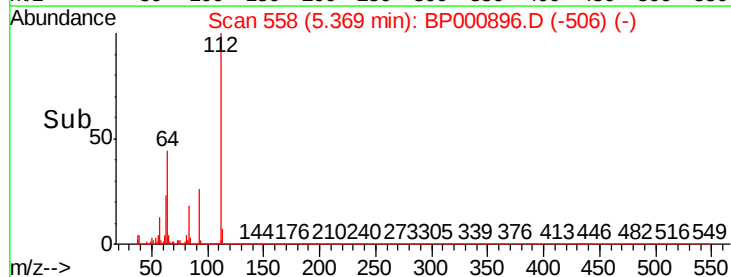
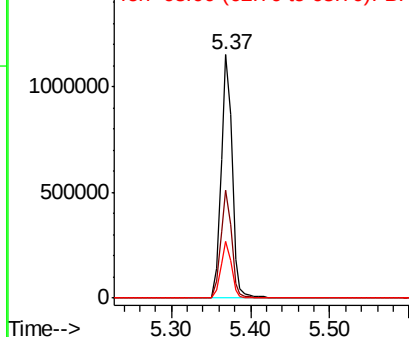


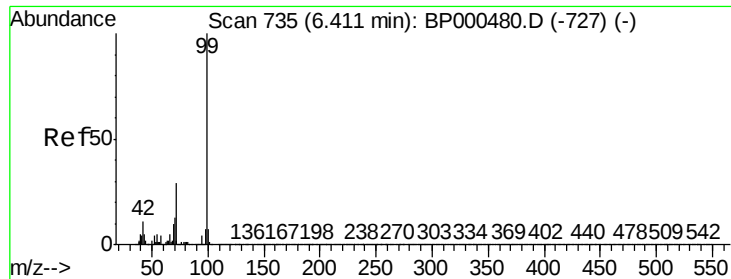
Abundance

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: 125.311 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BP000896.D

Acq: 18 Oct 2019 23:28

Instrument :

BNA_P

ClientSampleId :

TP-2

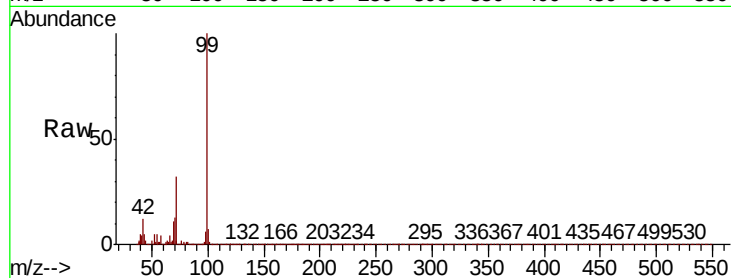
Tot Ion: 99 Resp: 1410143

Ion Ratio Lower Upper

99 100

42 11.9 8.7 13.1

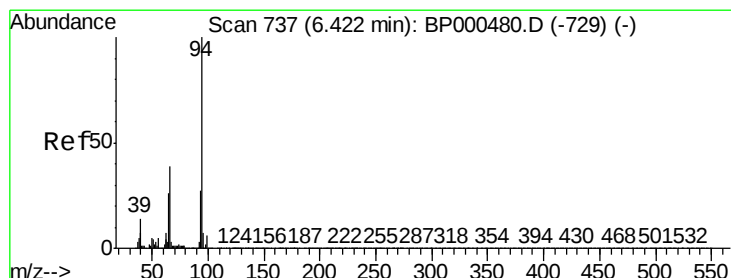
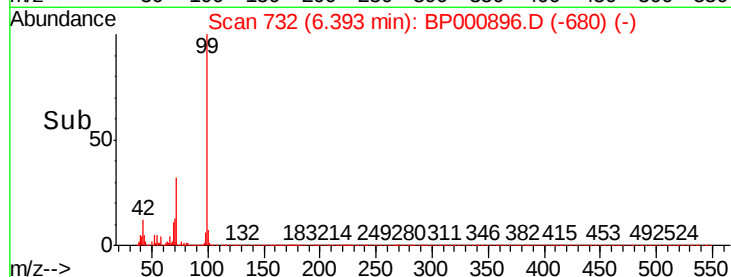
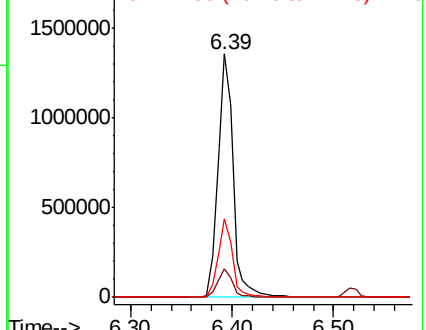
71 32.0 24.1 36.1



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



#10

Phenol

Concen: 3.106 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BP000896.D

Acq: 18 Oct 2019 23:28

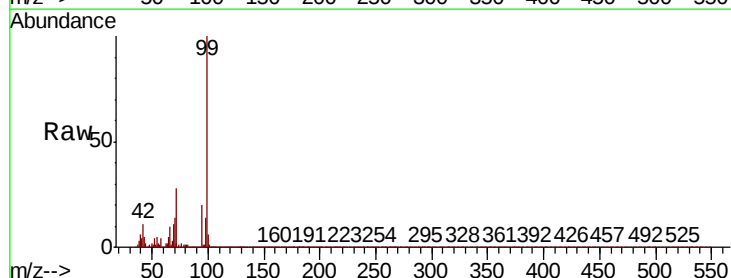
Tgt Ion: 94 Resp: 35781

Ion Ratio Lower Upper

94 100

65 26.8 14.6 54.6

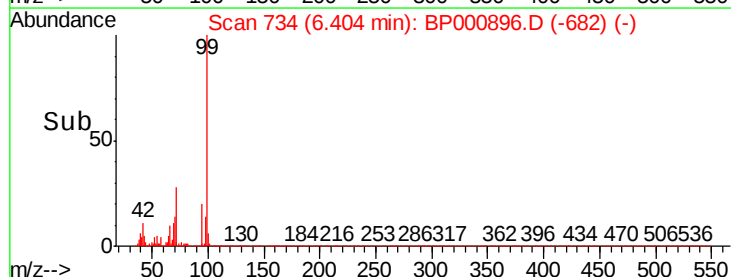
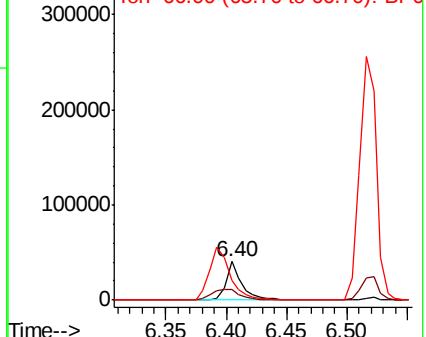
66 51.0 39.2 79.2

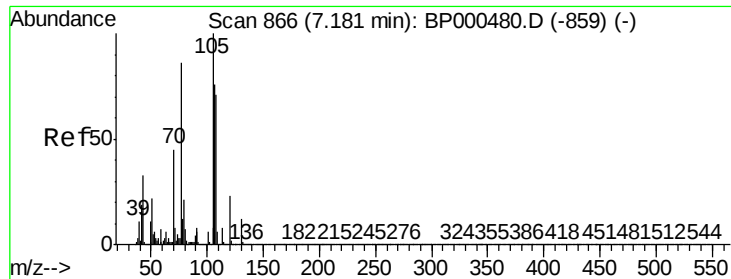


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

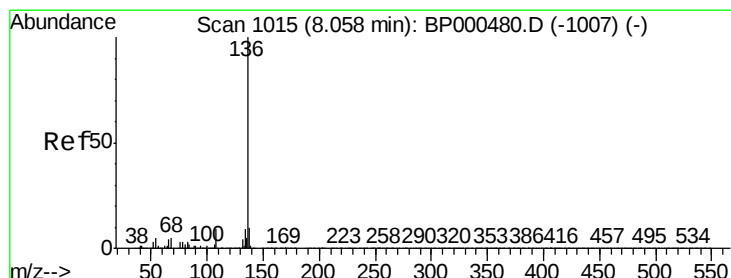
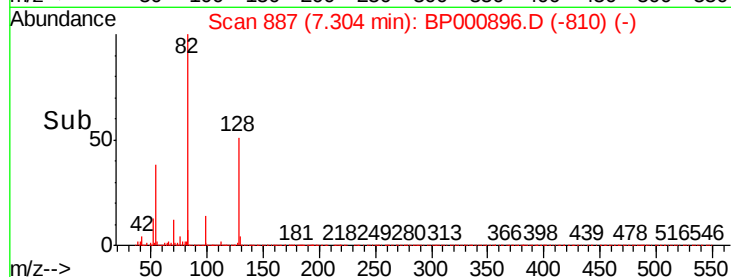
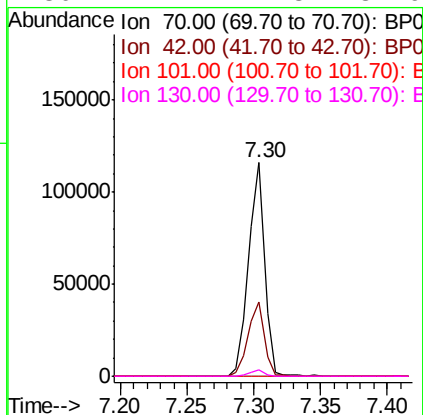
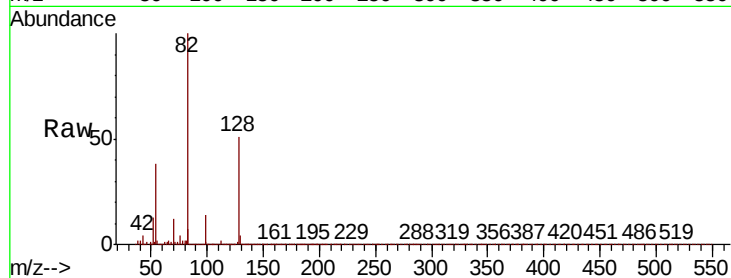




#19
n-Nitroso-di-n-propylamine
Concen: 18.523 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.15 min
Lab File: BP000896.D
Acq: 18 Oct 2019 23:28

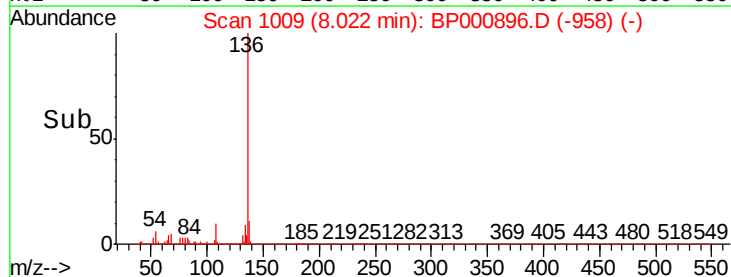
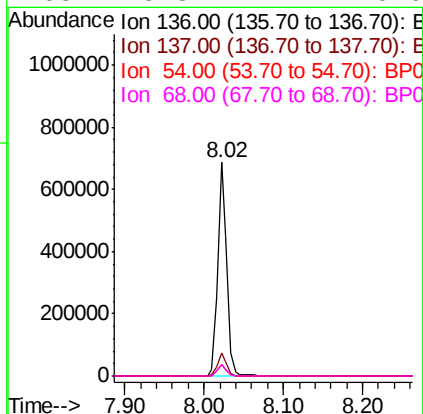
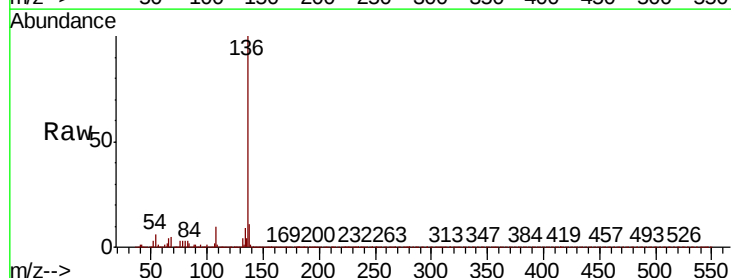
Instrument :
BNA_P
ClientSampleId :
TP-2

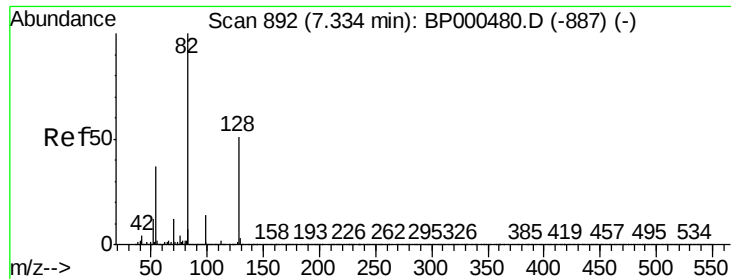
Tot Ion:	70	Resp:	96077
Ion	Ratio	Lower	Upper
70	100		
42	35.0	34.0	51.0
101	0.0	9.5	14.3#
130	2.7	21.3	31.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BP000896.D
Acq: 18 Oct 2019 23:28

Tgt Ion:	136	Resp:	535596
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.7	4.6	6.8
68	5.3	4.4	6.6

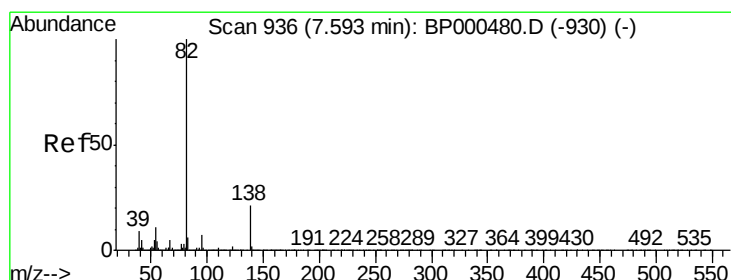
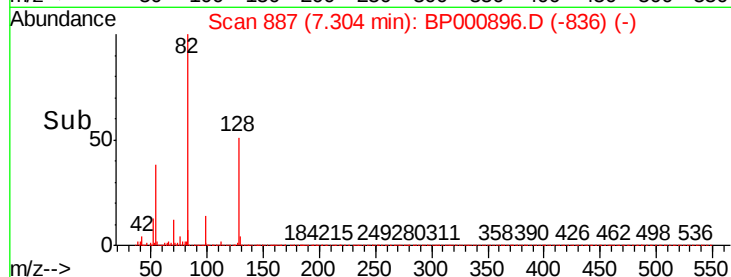
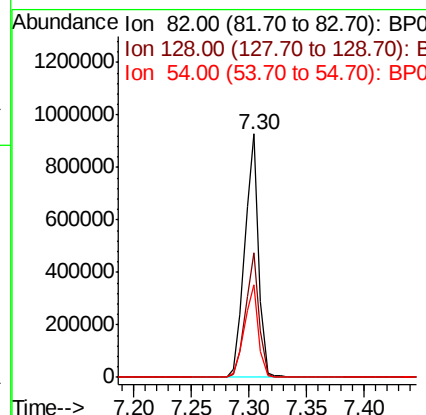
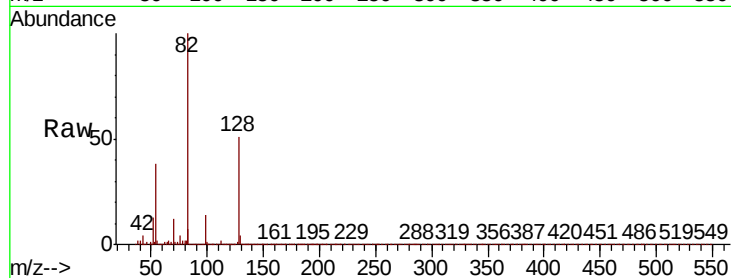




#23
Nitrobenzene-d5
Concen: 87.763 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000896.D
Acq: 18 Oct 2019 23:28

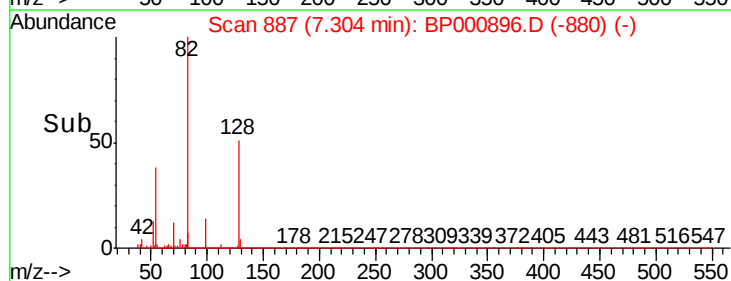
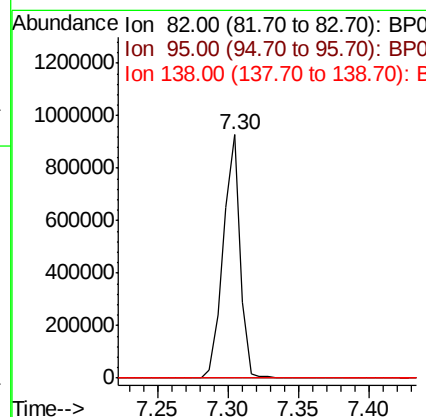
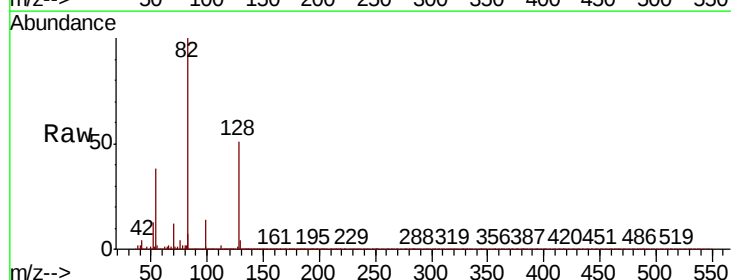
Instrument :
BNA_P
ClientSampleId :
TP-2

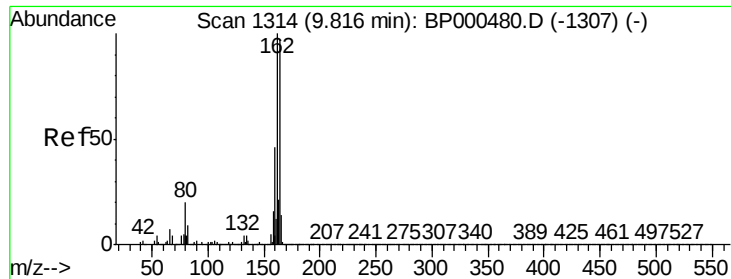
Tot Ion	82	Resp	769635
Ion Ratio	Lower	Upper	
82	100		
128	51.1	41.2	61.8
54	38.2	30.6	45.8



#25
Isophorone
Concen: 49.431 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.26 min
Lab File: BP000896.D
Acq: 18 Oct 2019 23:28

Tgt Ion	82	Resp	769343
Ion Ratio	Lower	Upper	
82	100		
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: BP000896.D

Acq: 18 Oct 2019 23:28

Instrument :

BNA_P

ClientSampled :

TP-2

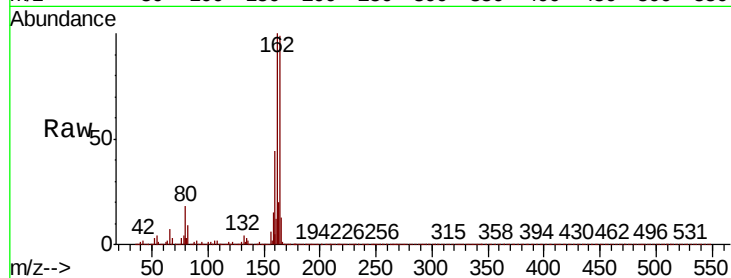
Tot Ion:164 Resp: 295608

Ion Ratio Lower Upper

164 100

162 100.7 80.6 121.0

160 44.2 35.4 53.2

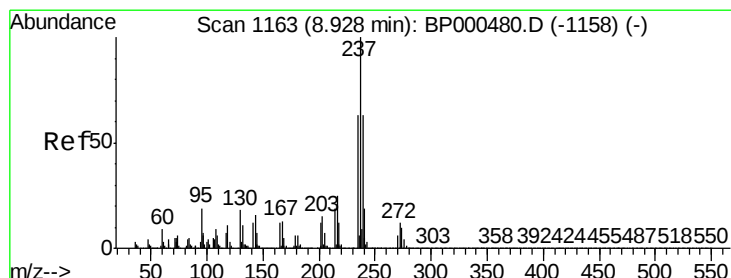
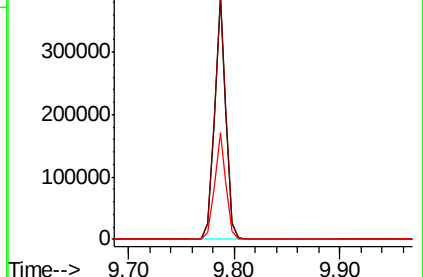
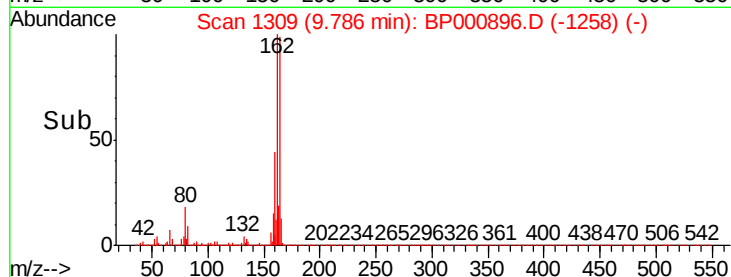


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



#41

Hexachlorocyclopentadiene

Concen: 7.302 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.16 min

Lab File: BP000896.D

Acq: 18 Oct 2019 23:28

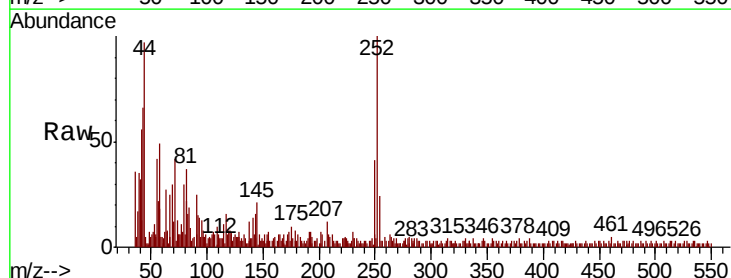
Tgt Ion:237 Resp: 22

Ion Ratio Lower Upper

237 100

235 50.0 42.3 82.3

272 31.8 0.0 33.6

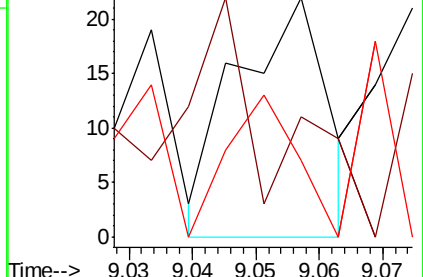
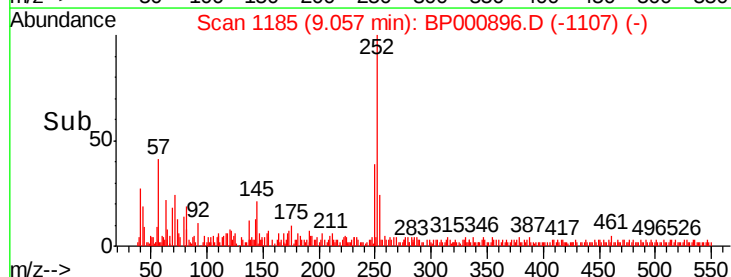


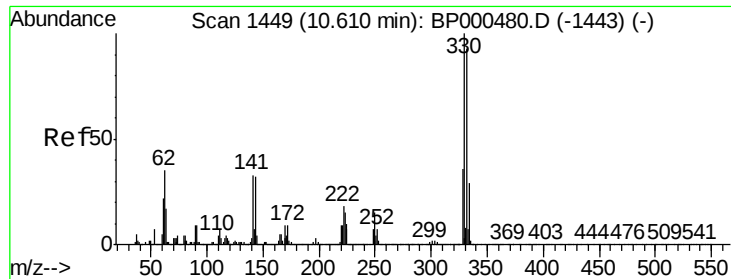
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

Time-->

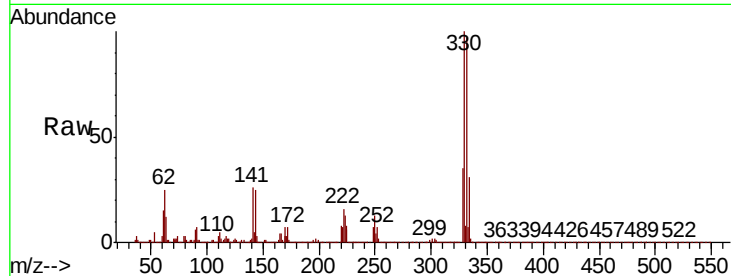




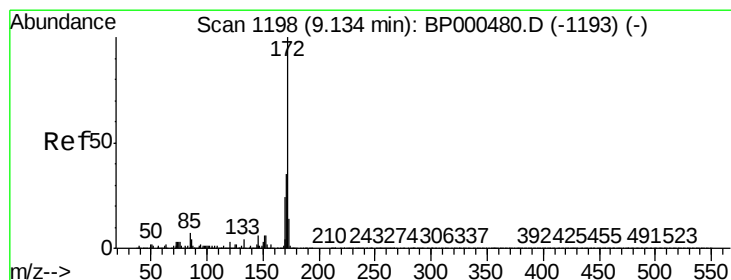
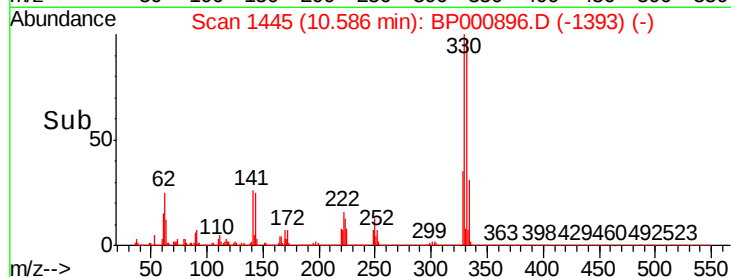
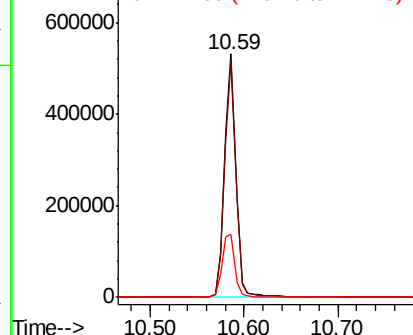
#42
2,4,6-Tribromophenol
Concen: 144.331 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BP000896.D
Acq: 18 Oct 2019 23:28

Instrument :
BNA_P
ClientSampleId :
TP-2

Tot Ion:330 Resp: 454650
Ion Ratio Lower Upper
330 100
332 96.4 78.2 117.4
141 29.5 23.7 35.5

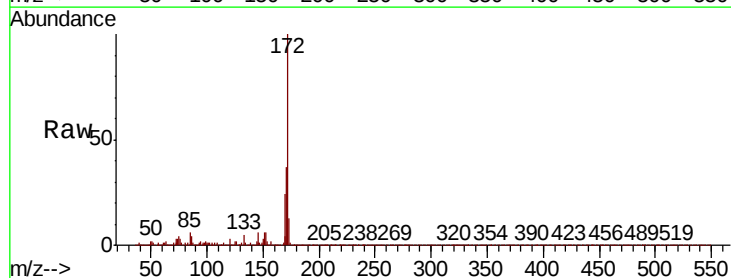


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

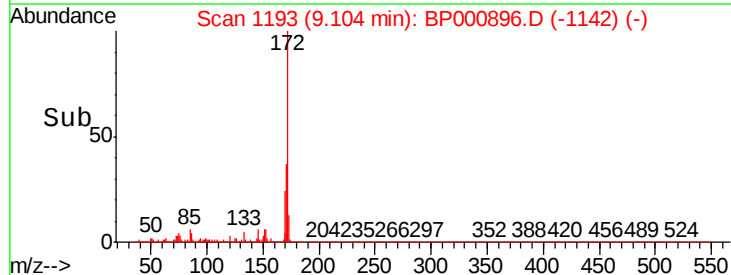
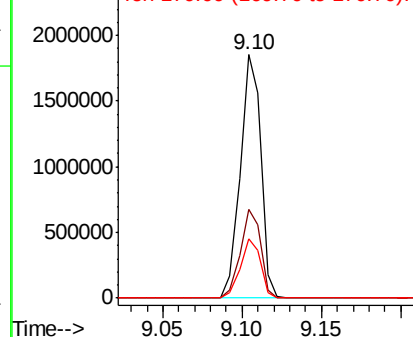


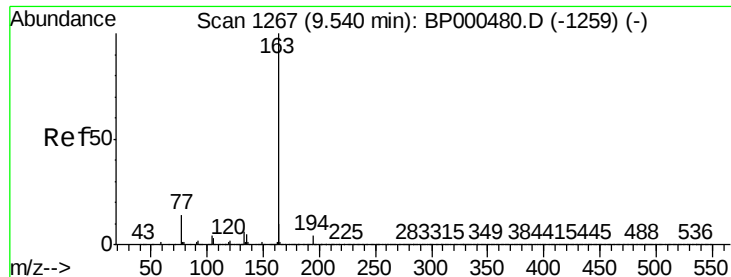
#45
2-Fluorobiphenyl
Concen: 91.001 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BP000896.D
Acq: 18 Oct 2019 23:28

Tgt Ion:172 Resp: 1662581
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.4
170 24.2 19.3 28.9



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

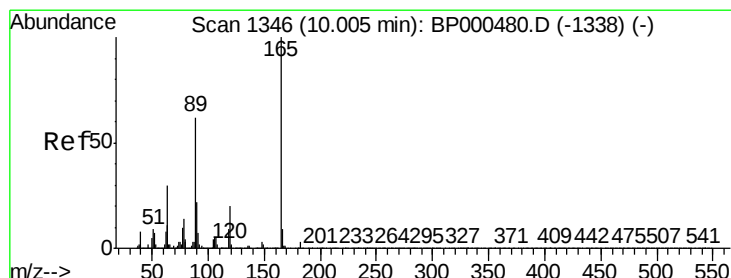
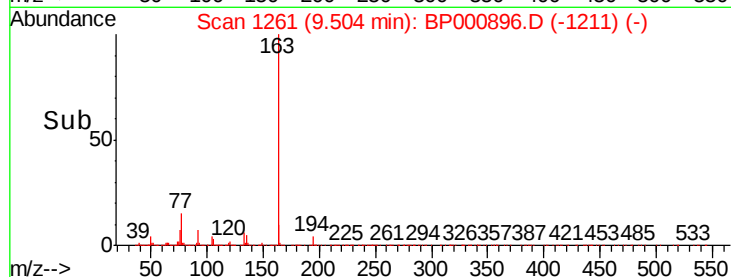
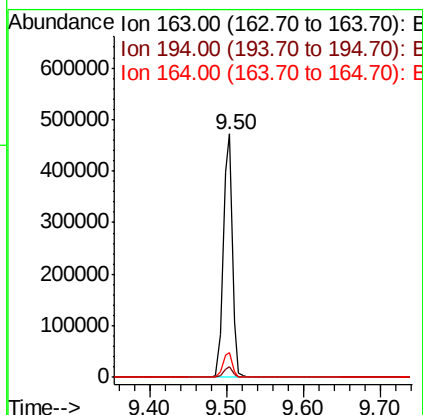
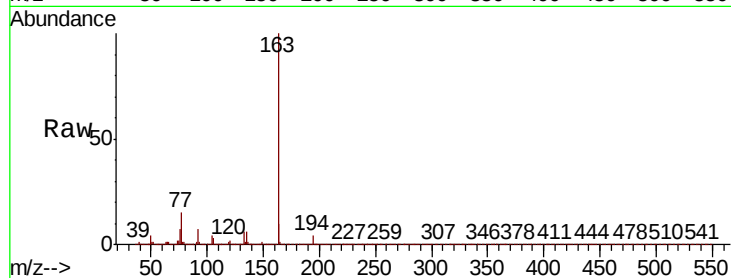




#50
Dimethylphthalate
Concen: 18.613 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BP000896.D
Acq: 18 Oct 2019 23:28

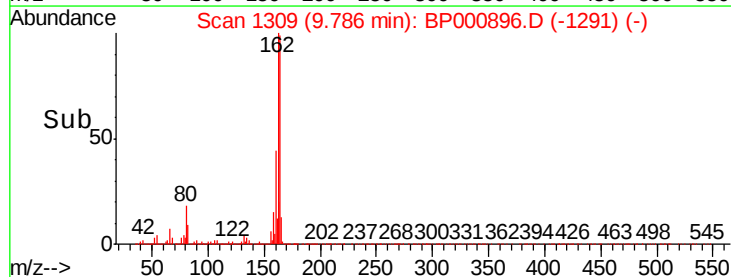
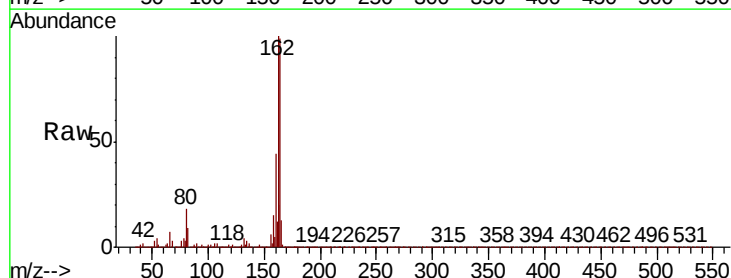
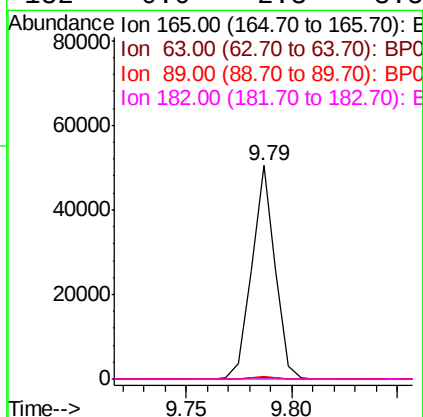
Instrument :
BNA_P
ClientSampleId :
TP-2

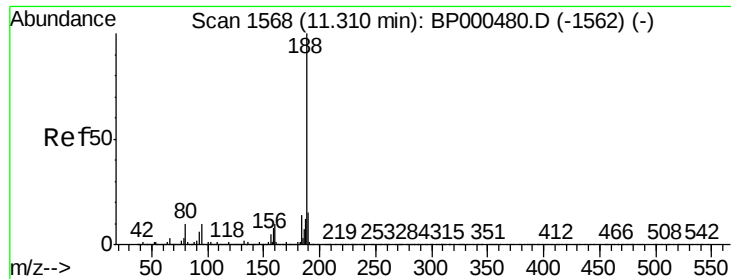
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.0	8.3	12.5



#57
2,4-Dinitrotoluene
Concen: 6.475 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.19 min
Lab File: BP000896.D
Acq: 18 Oct 2019 23:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	25.4	38.2#
89	1.4	49.2	73.8#
182	0.0	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: BP000896.D

Acq: 18 Oct 2019 23:28

Instrument :

BNA_P

ClientSampleId :

TP-2

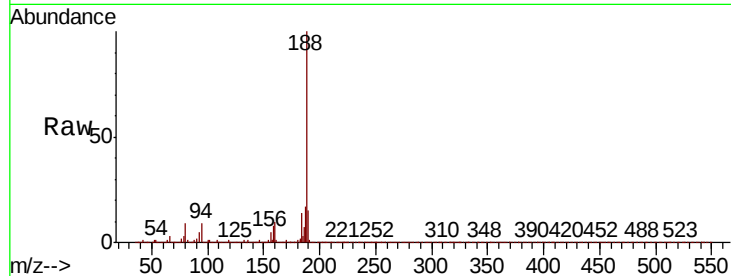
Tot Ion:188 Resp: 550603

Ion Ratio Lower Upper

188 100

94 8.6 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

800000

600000

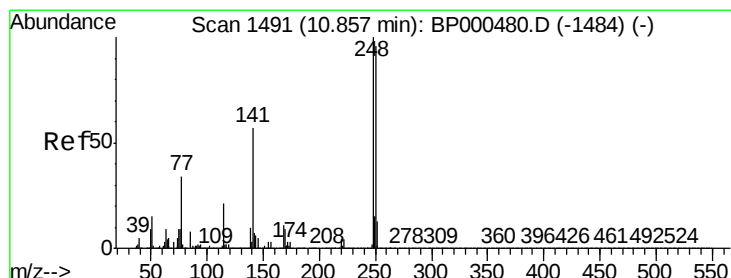
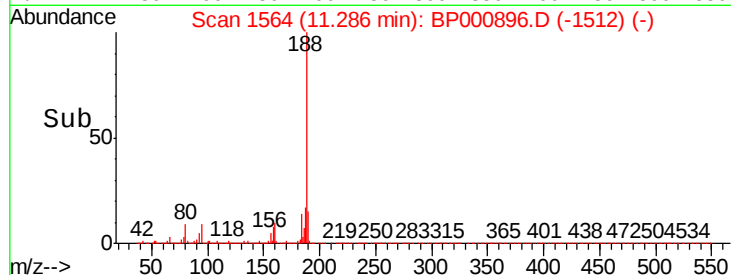
400000

200000

0

11.25 11.30 11.35

Time-->



#67

4-Bromophenyl-phenylether

Concen: 4.978 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.24 min

Lab File: BP000896.D

Acq: 18 Oct 2019 23:28

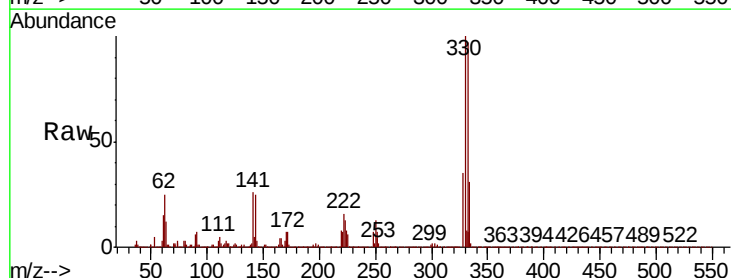
Tgt Ion:248 Resp: 30852

Ion Ratio Lower Upper

248 100

250 204.4 77.7 116.5#

141 394.0 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

150000

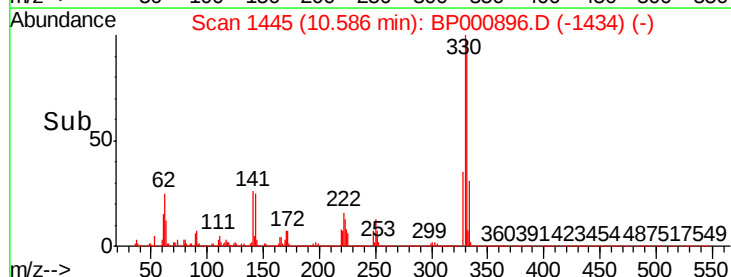
100000

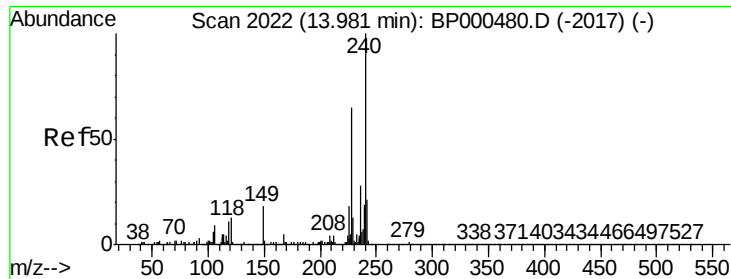
50000

0

10.50 10.55 10.60 10.65

Time-->

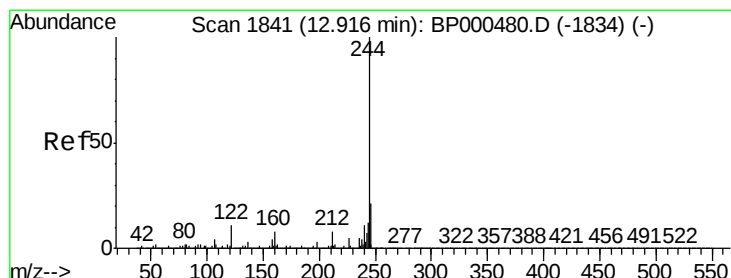
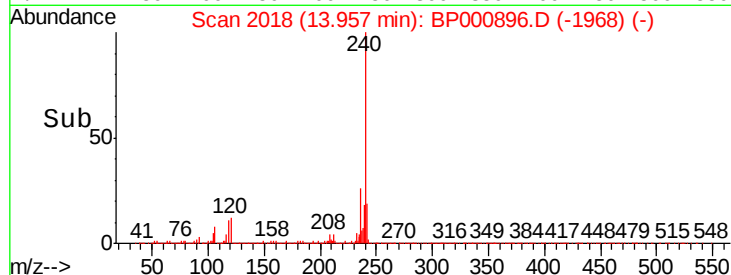
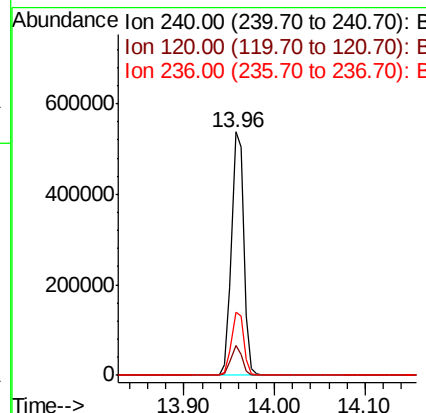
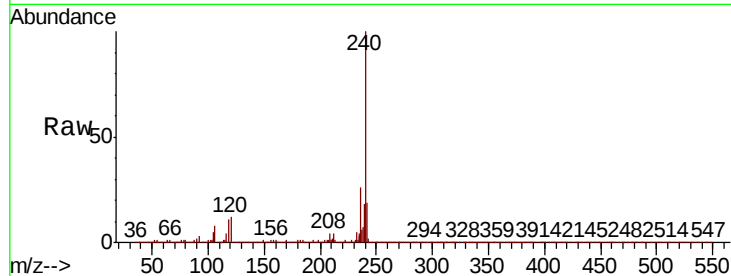




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000896.D
Acq: 18 Oct 2019 23:28

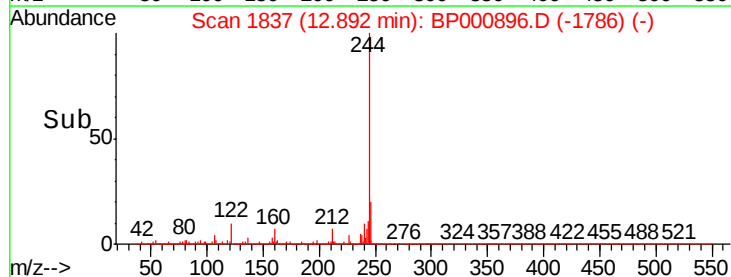
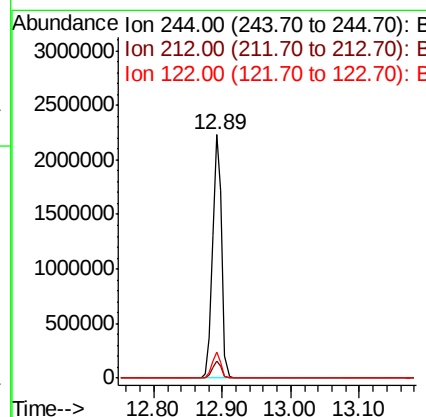
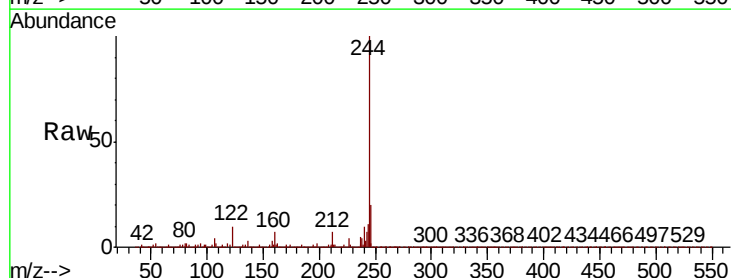
Instrument :
BNA_P
ClientSampleId :
TP-2

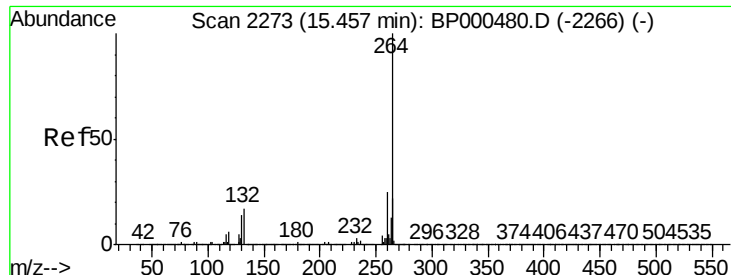
Tot Ion:240 Resp: 499824
Ion Ratio Lower Upper
240 100
120 12.1 7.3 10.9#
236 25.7 21.2 31.8



#79
Terphenyl-d14
Concen: 84.441 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BP000896.D
Acq: 18 Oct 2019 23:28

Tgt Ion:244 Resp: 2084500
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 10.4 7.1 10.7

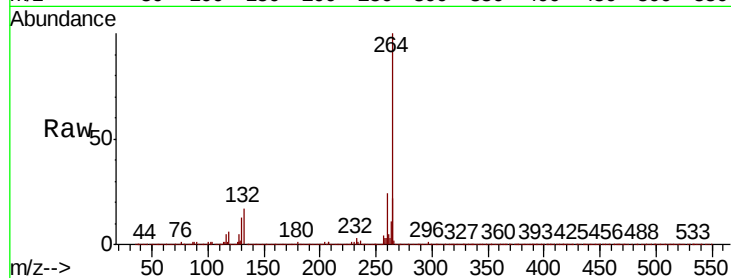




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BP000896.D
Acq: 18 Oct 2019 23:28

Instrument :
BNA_P
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	21.8	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

