

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
 Data File : BP000550.D
 Acq On : 07 Oct 2019 18:07
 Operator : JU
 Sample : K5213-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 08 06:08:44 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	267052	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	968629	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	531199	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	981158	20.00	ng	0.00
76) Chrysene-d12	13.97	240	859422	20.00	ng	0.00
87) Perylene-d12	15.45	264	973255	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	1589784	95.69	ng	0.00
7) Phenol-d6	6.40	99	2114899	105.64	ng	0.00
23) Nitrobenzene-d5	7.32	82	1132548	71.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	527130	93.12	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2169320	66.08	ng	0.00
79) Terphenyl-d14	12.91	244	2535637	59.74	ng	0.00

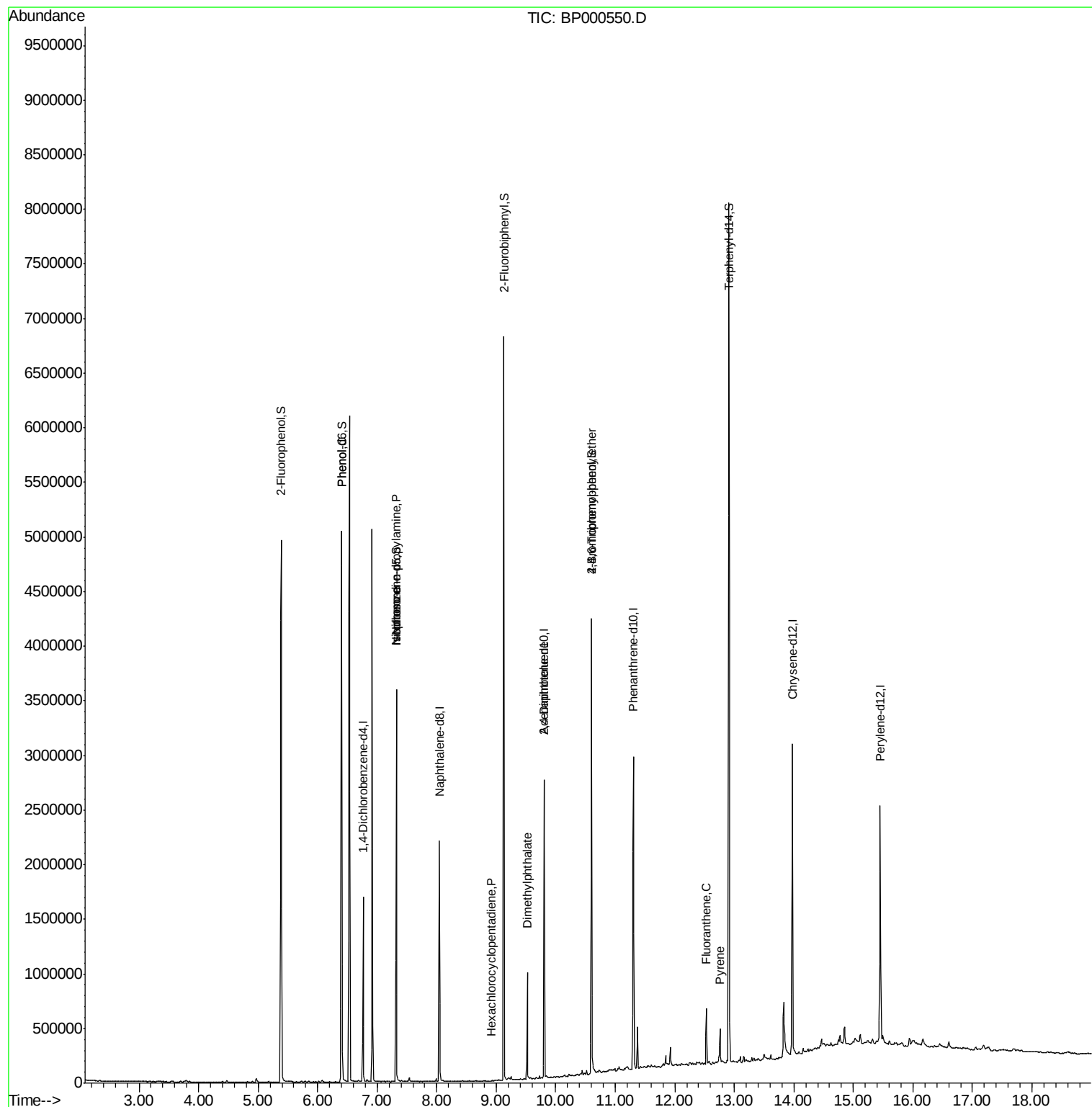
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.41	94	92012	4.489	ng	97
19) n-Nitroso-di-n-propylamine	7.32	70	139020	15.065	ng	# 73
25) Isophorone	7.32	82	1131675	40.205	ng	# 61
41) Hexachlorocyclopentadiene	8.92	237	22	7.300	ng	77
50) Dimethylphthalate	9.52	163	386377	10.468	ng	100
57) 2,4-Dinitrotoluene	9.80	165	71005	6.653	ng	# 31
67) 4-Bromophenyl-phenylether	10.60	248	36733	3.326	ng	# 1
75) Fluoranthene	12.53	202	187436	3.387	ng	99
78) Pyrene	12.76	202	128880	2.174	ng	99

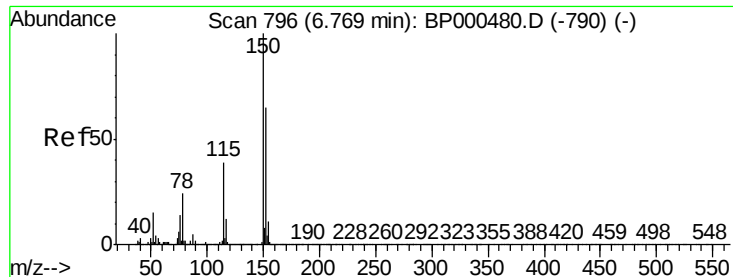
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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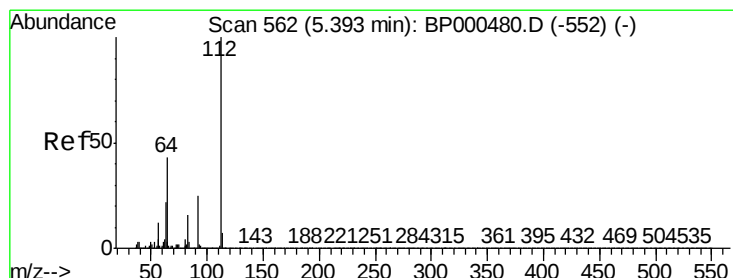
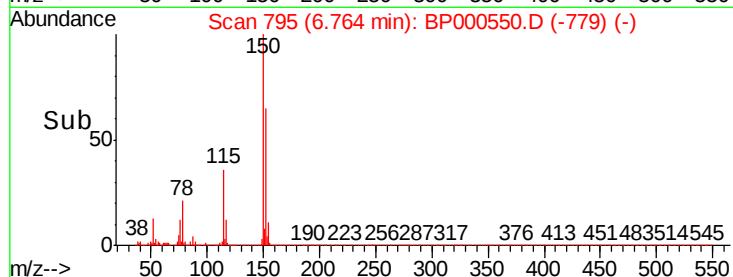
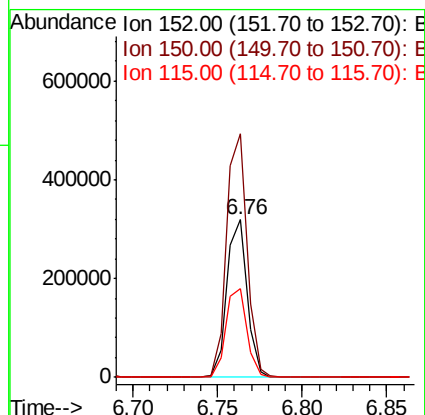
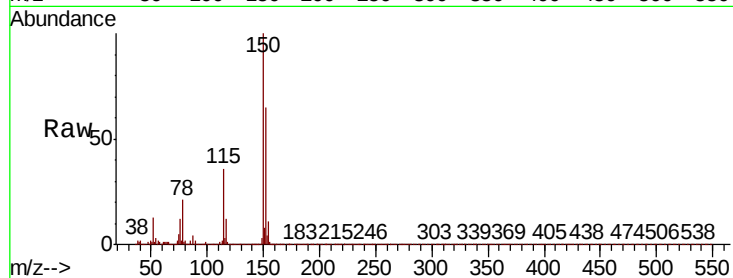


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BP000550.D
Acq: 07 Oct 2019 18:07

Instrument :
BNA_P
ClientSampleId :

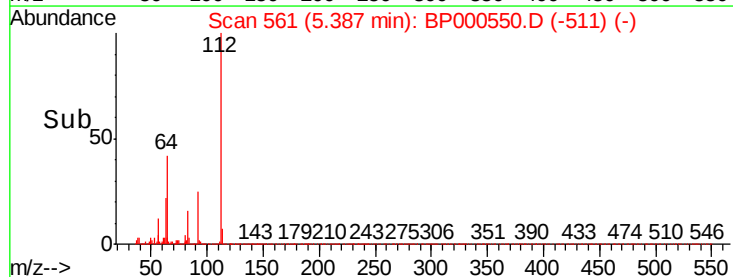
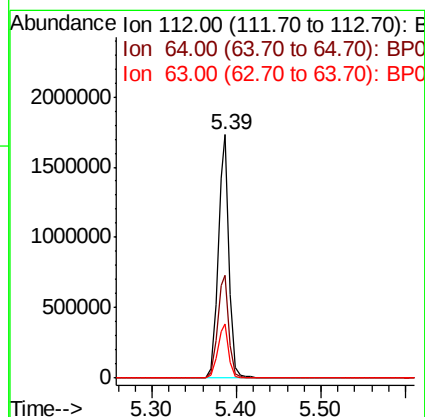
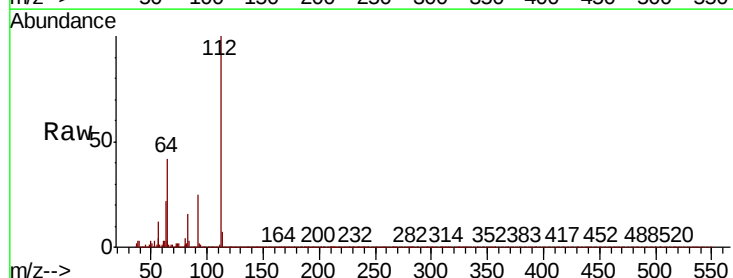
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.1	186.1
115	56.0	48.7	73.1

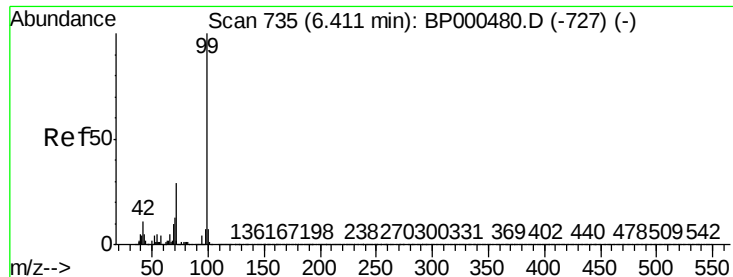


#5

2-Fluorophenol
Concen: 95.693 ng
RT: 5.39 min Scan# 561
Delta R.T. -0.01 min
Lab File: BP000550.D
Acq: 07 Oct 2019 18:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.5	34.2	51.4
63	22.0	17.9	26.9





#7

Phenol-d6

Concen: 105.640 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BP000550.D

Acq: 07 Oct 2019 18:07

Instrument :

BNA_P

ClientSampled :

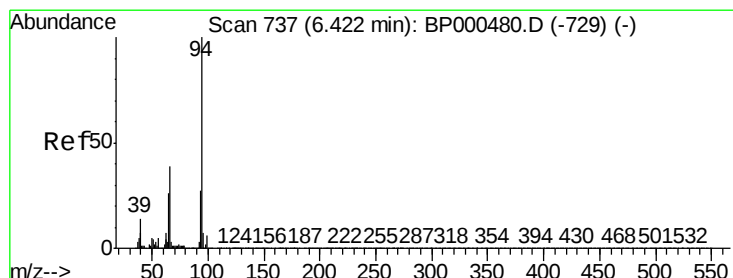
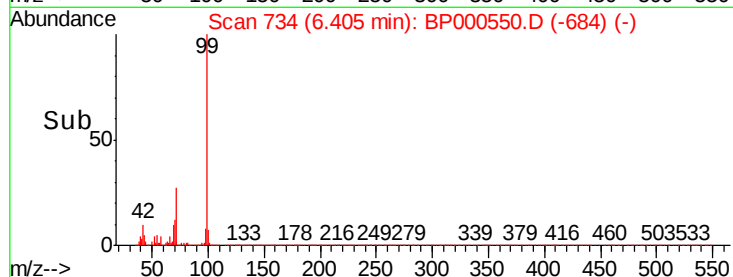
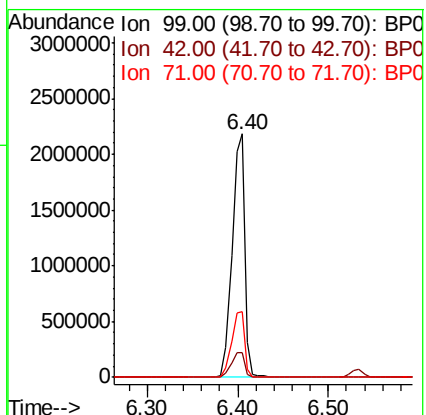
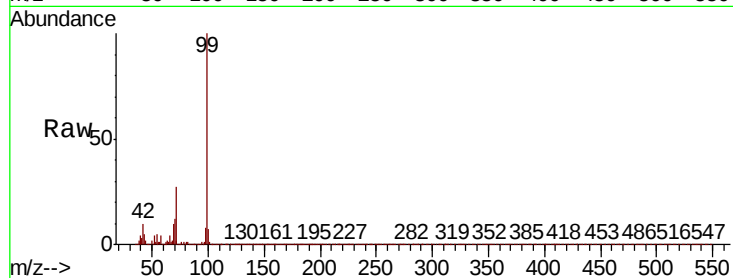
Tot Ion: 99 Resp: 2114899

Ion Ratio Lower Upper

99 100

42 9.9 8.6 12.8

71 27.1 23.0 34.4



#10

Phenol

Concen: 4.489 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BP000550.D

Acq: 07 Oct 2019 18:07

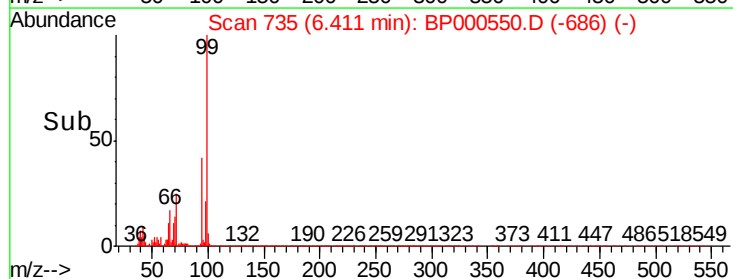
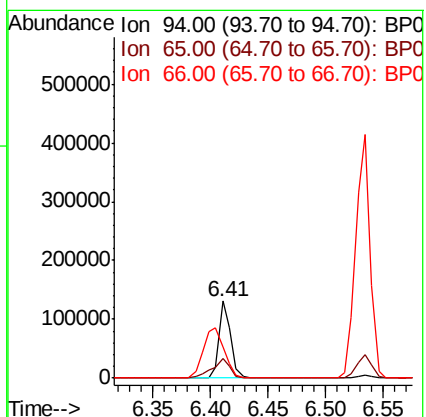
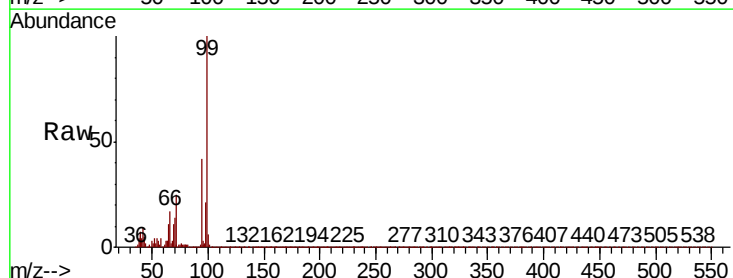
Tgt Ion: 94 Resp: 92012

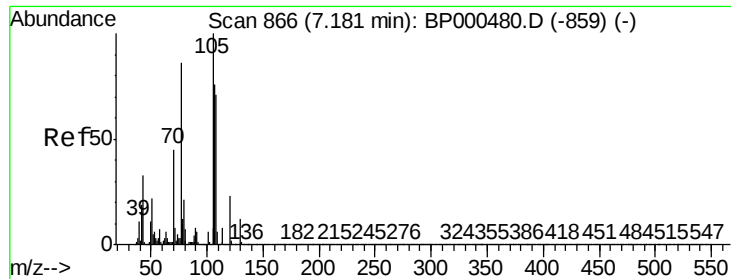
Ion Ratio Lower Upper

94 100

65 26.1 5.9 45.9

66 41.3 18.8 58.8

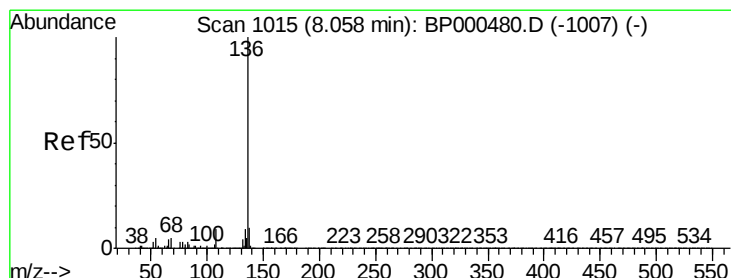
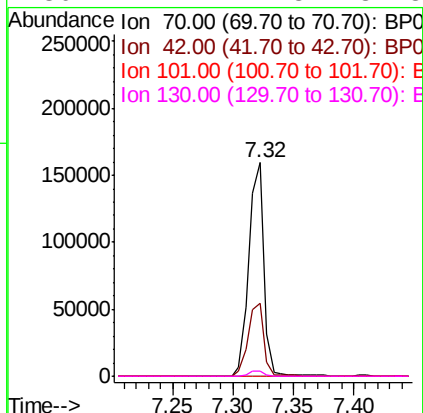
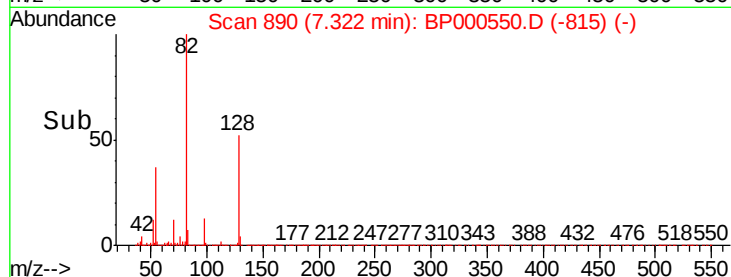
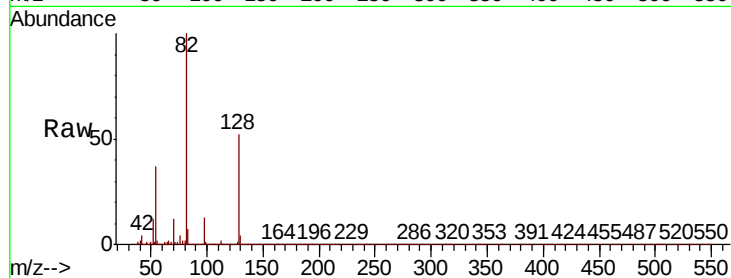




#19
n-Nitroso-di-n-propylamine
Concen: 15.065 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.14 min
Lab File: BP000550.D
Acq: 07 Oct 2019 18:07

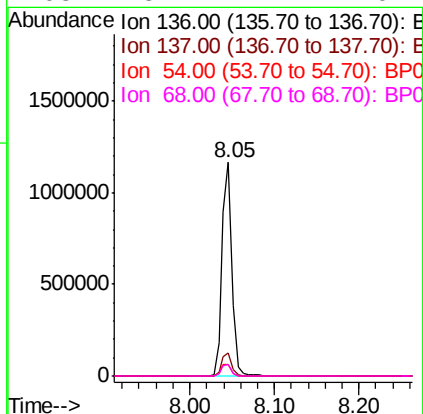
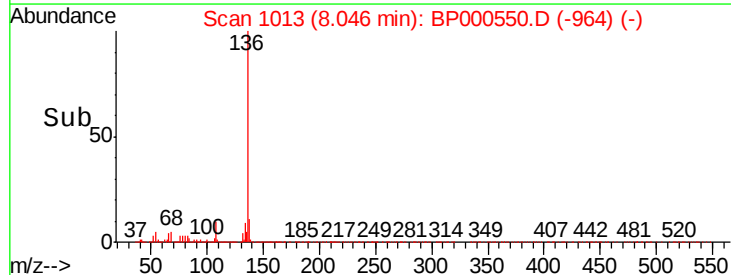
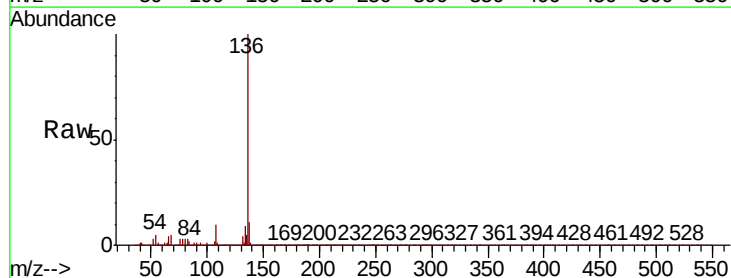
Instrument :
BNA_P
ClientSampled :

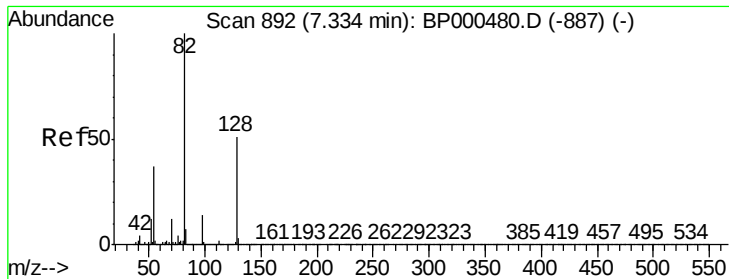
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	34.0	33.2	49.8	
101	0.0	9.9	14.9	#
130	2.7	21.8	32.8	#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BP000550.D
Acq: 07 Oct 2019 18:07

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	10.9	8.2	12.4	
54	5.4	4.1	6.1	
68	5.2	4.1	6.1	

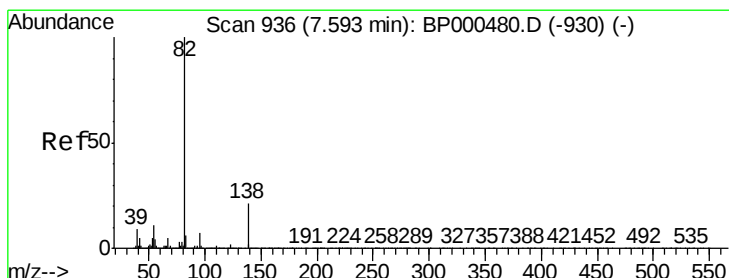
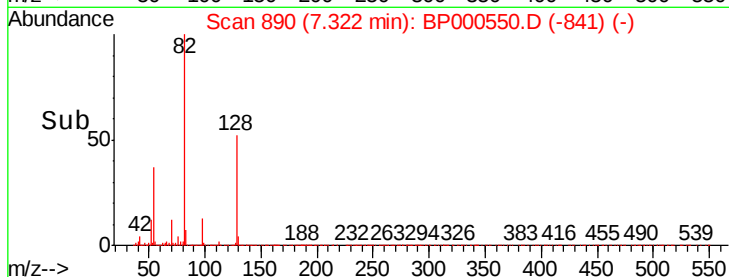
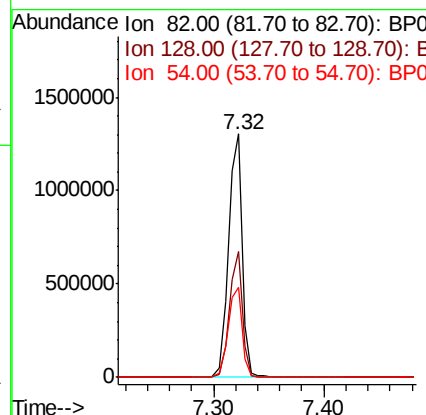
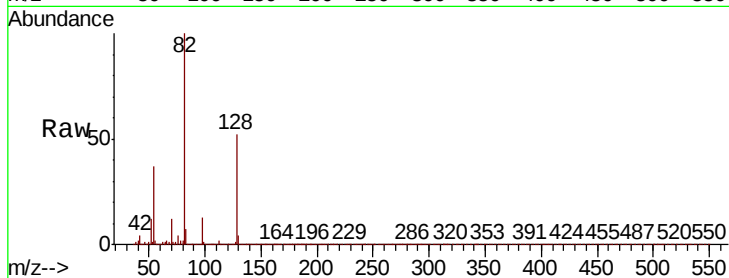




#23
Nitrobenzene-d5
Concen: 71.411 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BP000550.D
Acq: 07 Oct 2019 18:07

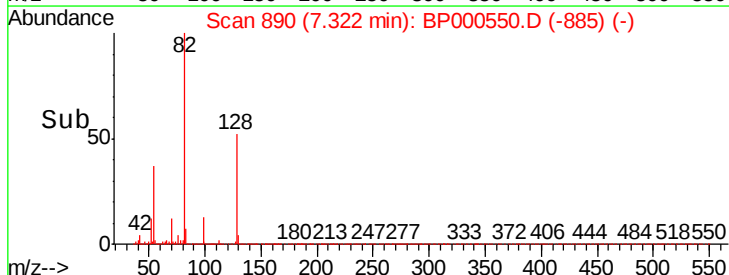
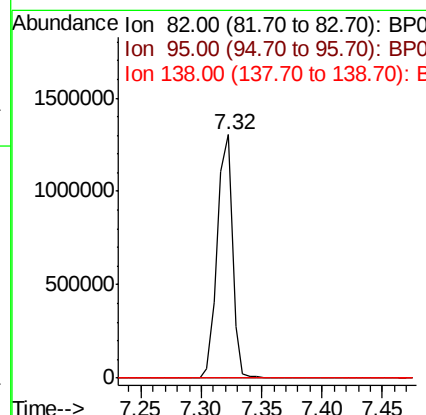
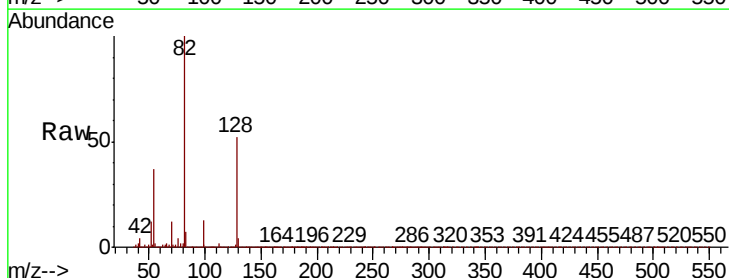
Instrument :
BNA_P
ClientSampleId :

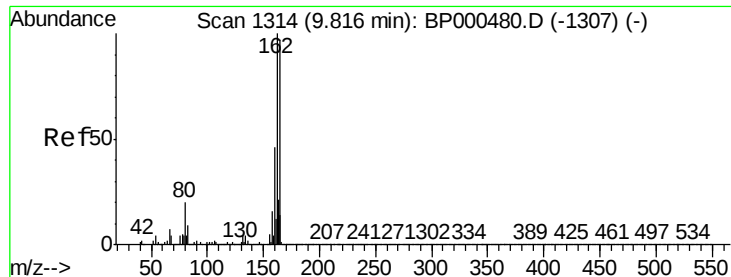
Tot Ion: 82 Resp: 1132548
Ion Ratio Lower Upper
82 100
128 51.9 40.9 61.3
54 37.0 29.4 44.2



#25
Isophorone
Concen: 40.205 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.27 min
Lab File: BP000550.D
Acq: 07 Oct 2019 18:07

Tgt Ion: 82 Resp: 1131675
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 17.0 25.4#

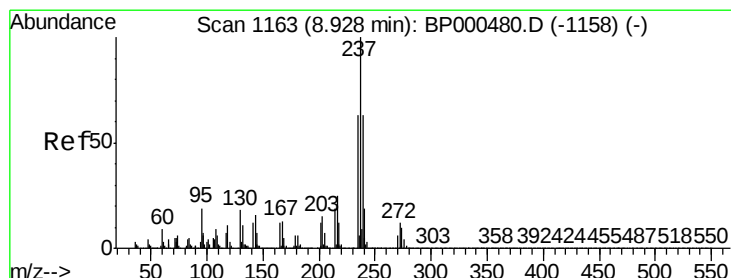
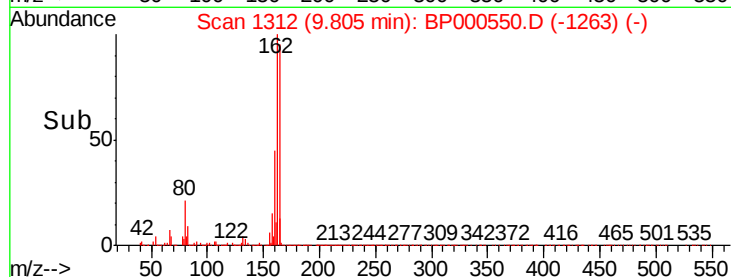
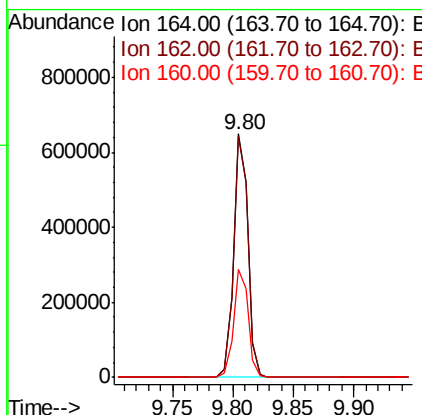
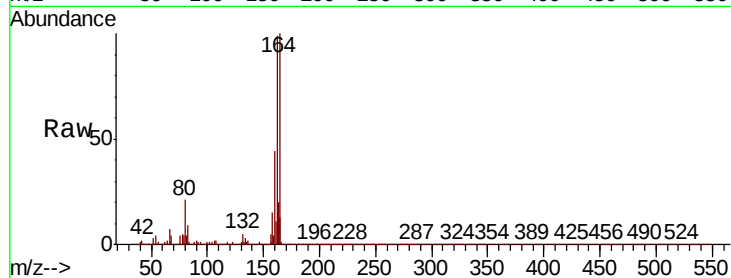




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BP000550.D
Acq: 07 Oct 2019 18:07

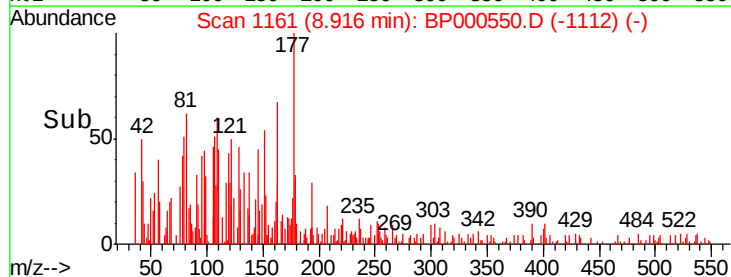
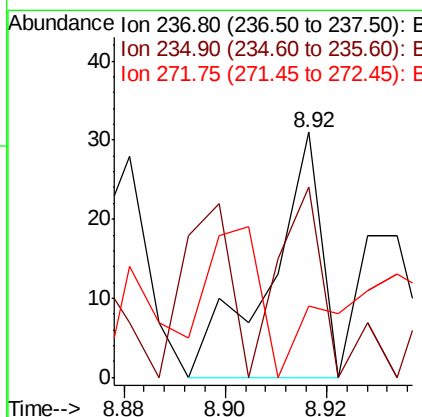
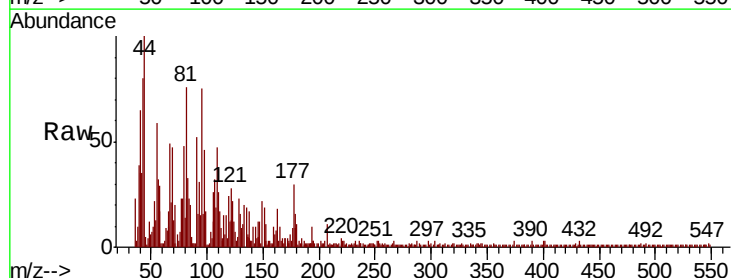
Instrument :
BNA_P
ClientSampled :

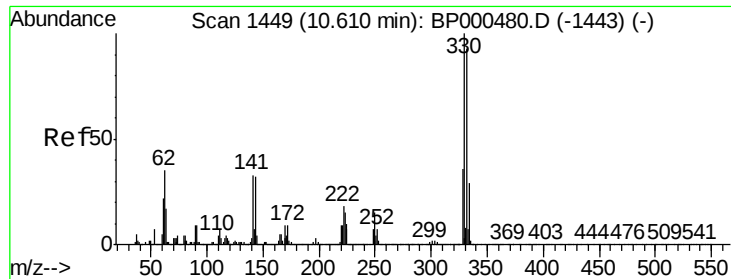
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.2	82.2	123.2
160	44.4	37.6	56.4



#41
Hexachlorocyclopentadiene
Concen: 7.300 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BP000550.D
Acq: 07 Oct 2019 18:07

Tgt Ion	Ratio	Lower	Upper
237	100		
235	77.4	42.9	82.9
272	29.0	0.0	32.4

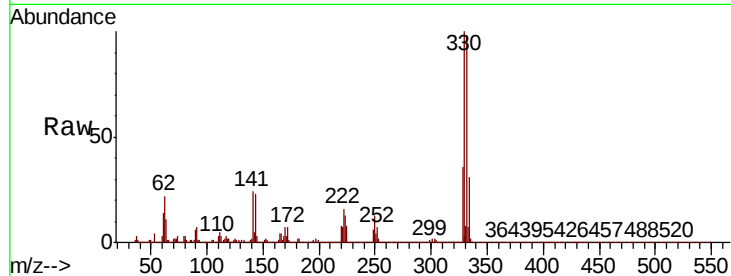




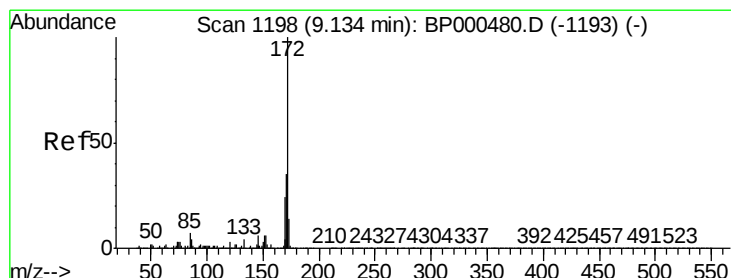
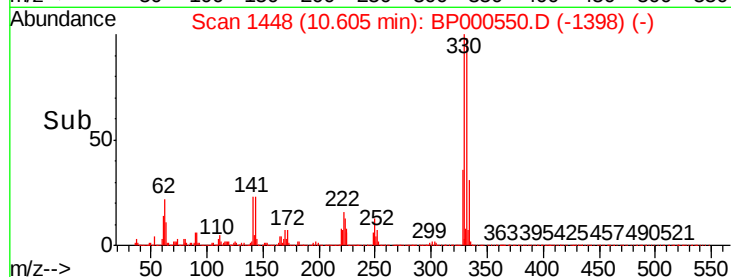
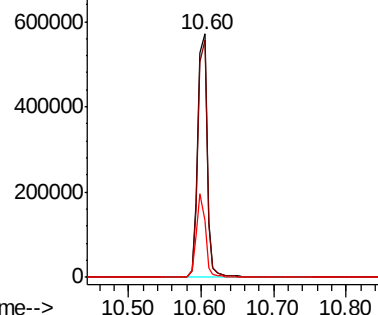
#42
2,4,6-Tribromophenol
Concen: 93.123 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BP000550.D
Acq: 07 Oct 2019 18:07

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	32.3	26.0	39.0

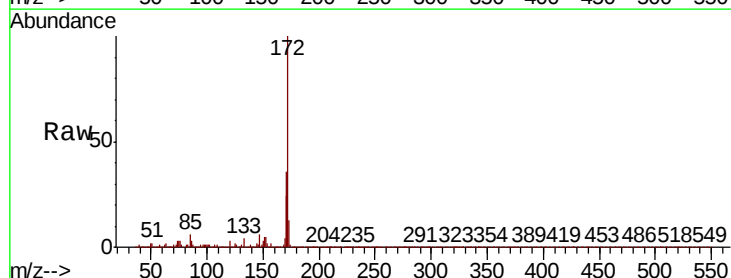


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

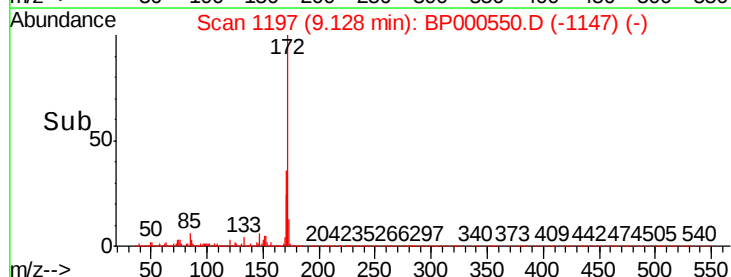
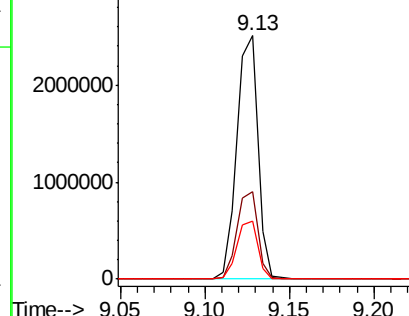


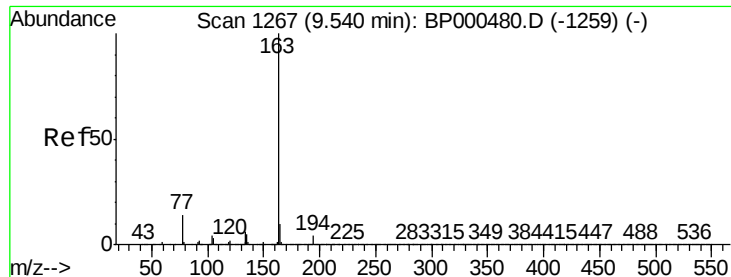
#45
2-Fluorobiphenyl
Concen: 66.076 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BP000550.D
Acq: 07 Oct 2019 18:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.4	42.6
170	24.0	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

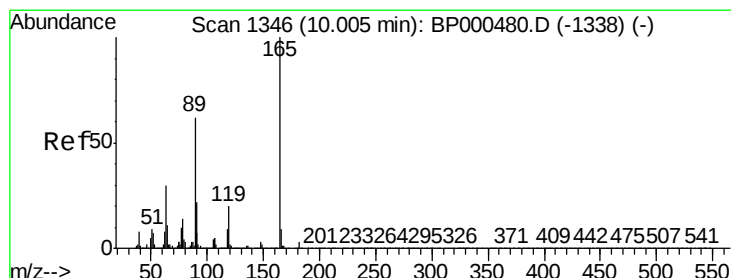
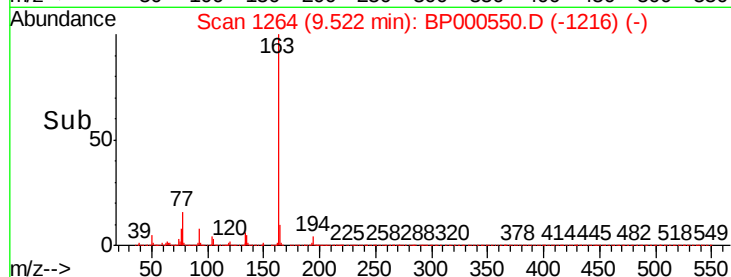
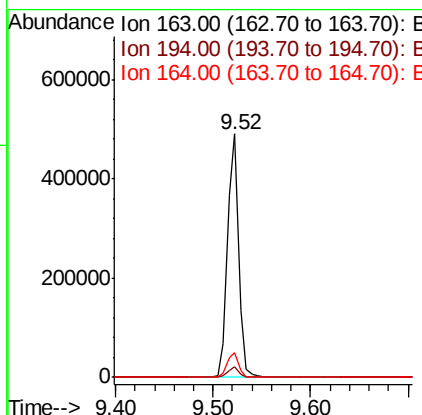
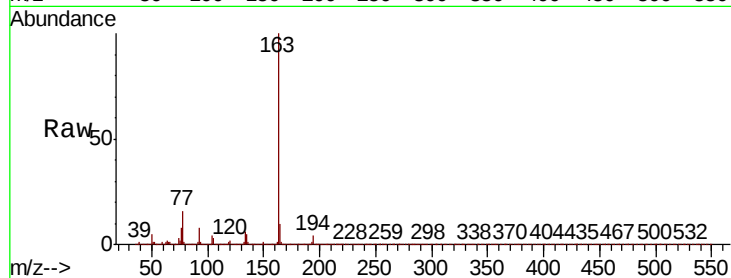




#50
Dimethylphthalate
Concen: 10.468 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BP000550.D
Acq: 07 Oct 2019 18:07

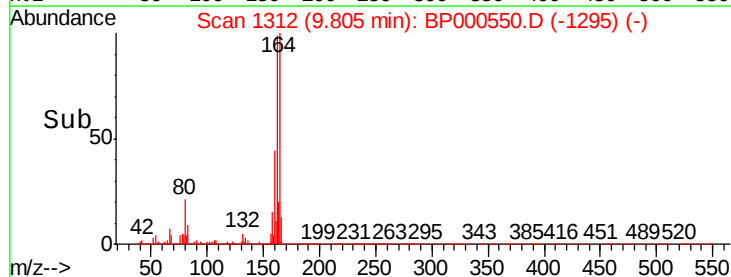
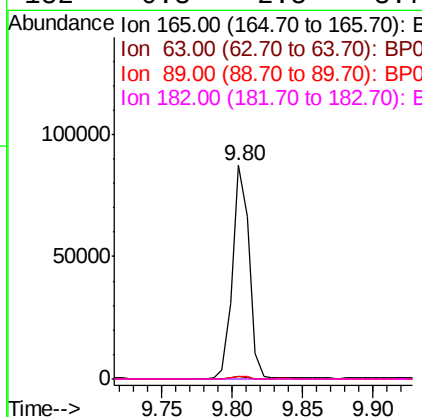
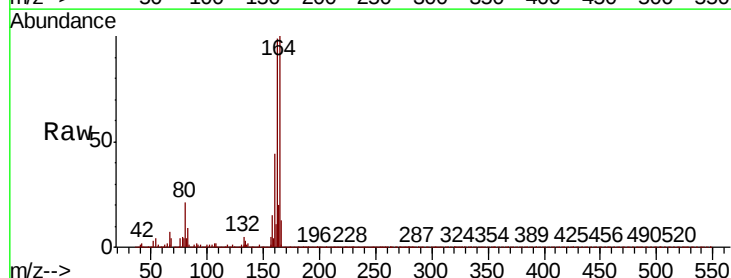
Instrument :
BNA_P
ClientSampleId :

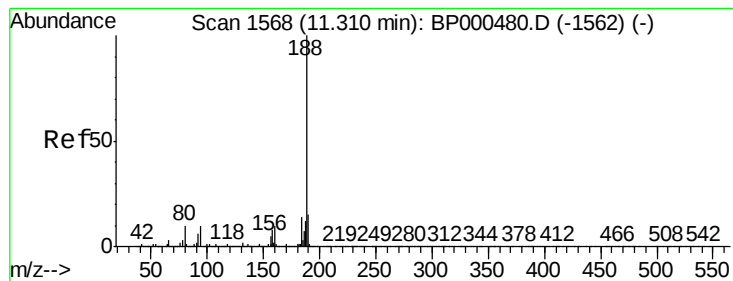
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.0	8.0	12.0



#57
2,4-Dinitrotoluene
Concen: 6.653 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.20 min
Lab File: BP000550.D
Acq: 07 Oct 2019 18:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	24.2	36.4#
89	1.2	49.4	74.0#
182	0.3	2.5	3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BP000550.D

Acq: 07 Oct 2019 18:07

Instrument :

BNA_P

ClientSampleId :

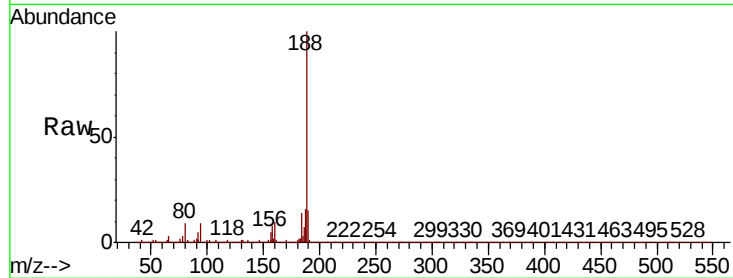
Tot Ion:188 Resp: 981158

Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.2

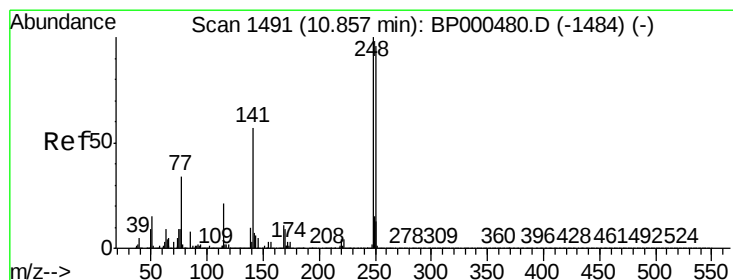
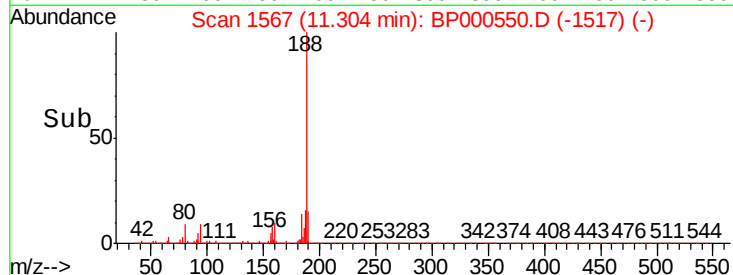
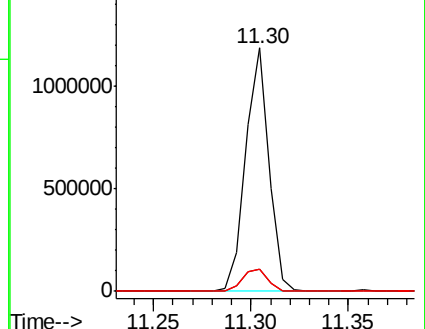
80 9.3 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



#67

4-Bromophenyl-phenylether

Concen: 3.326 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.26 min

Lab File: BP000550.D

Acq: 07 Oct 2019 18:07

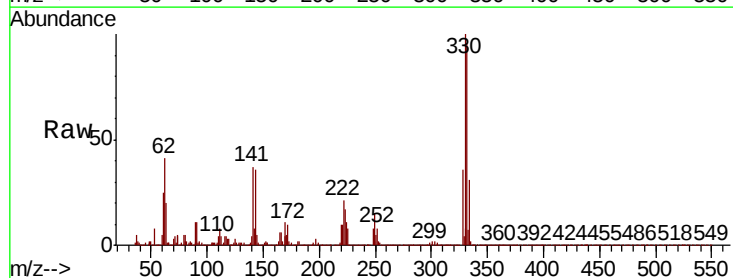
Tgt Ion:248 Resp: 36733

Ion Ratio Lower Upper

248 100

250 198.5 77.2 115.8#

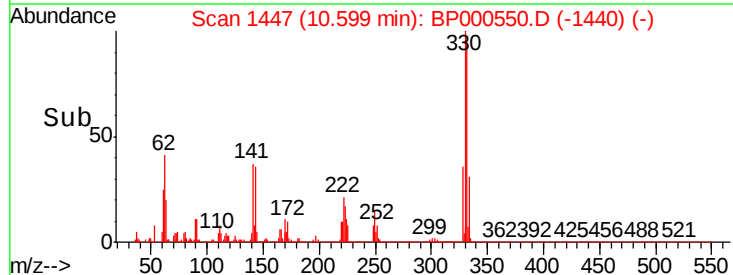
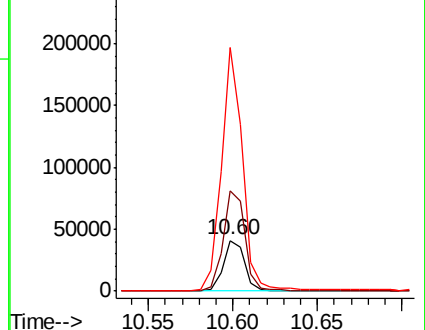
141 482.6 45.3 67.9#

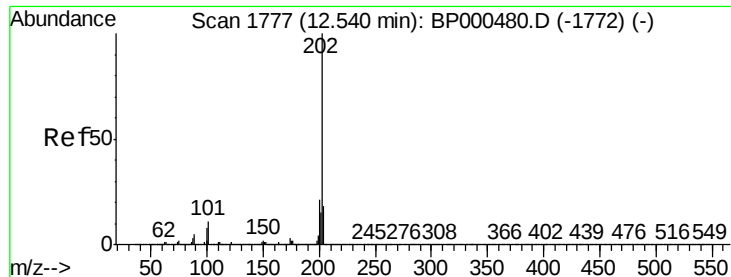


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Fluoranthene

Concen: 3.387 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BP000550.D

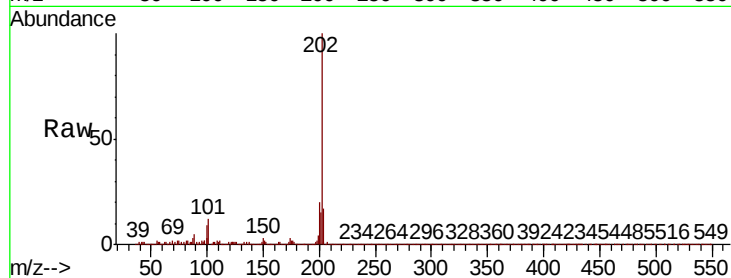
Acq: 07 Oct 2019 18:07

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	202	Resp:	187436
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.3
203	17.4	0.0	38.1

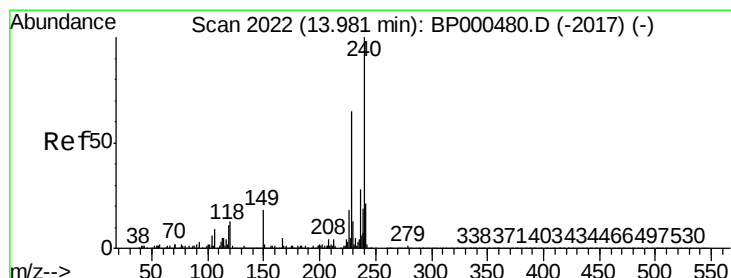
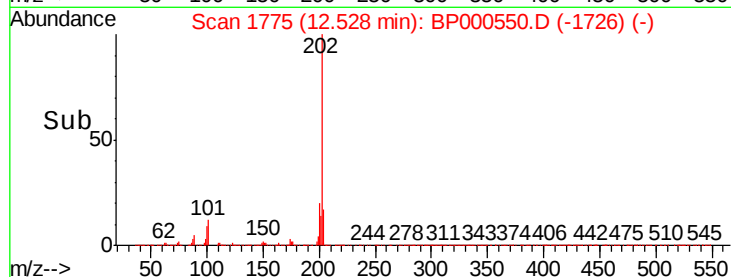
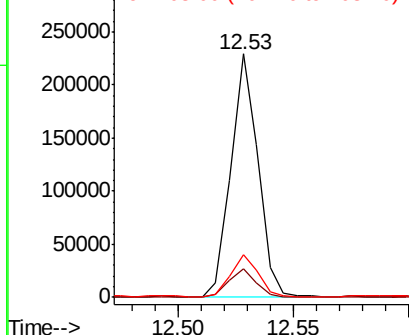


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

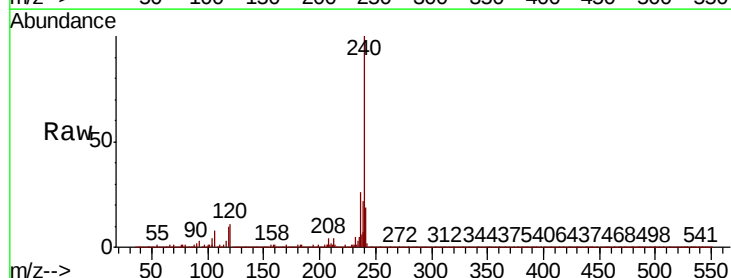
RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BP000550.D

Acq: 07 Oct 2019 18:07

Tgt Ion:	240	Resp:	859422
Ion	Ratio	Lower	Upper
240	100		
120	11.5	10.1	15.1
236	26.3	22.7	34.1

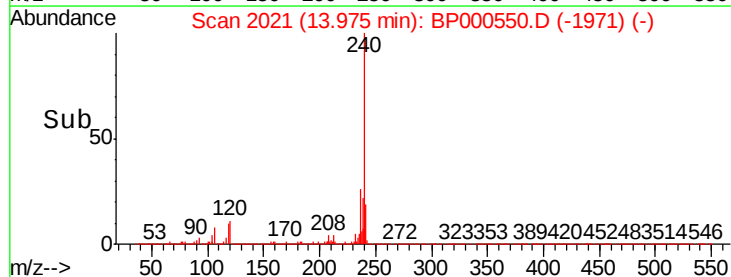
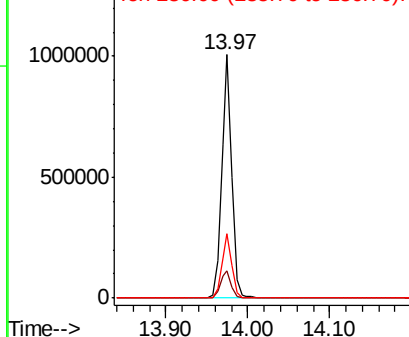


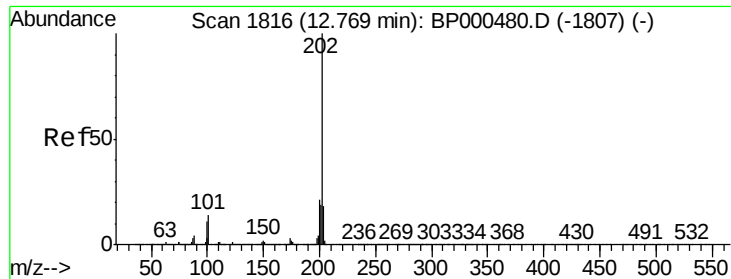
Abundance

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





#78

Pvrene

Concen: 2.174 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BP000550.D

Acq: 07 Oct 2019 18:07

Instrument :

BNA_P

ClientSampleId :

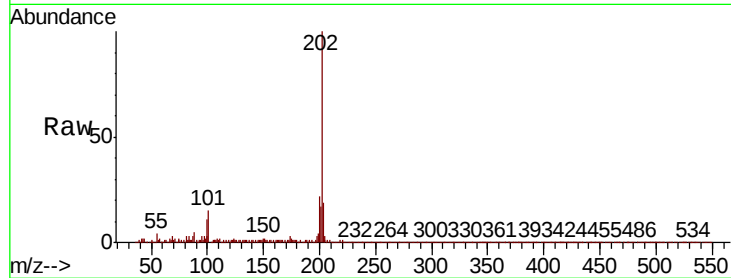
Tot Ion:202 Resp: 128880

Ion Ratio Lower Upper

202 100

200 21.6 17.1 25.7

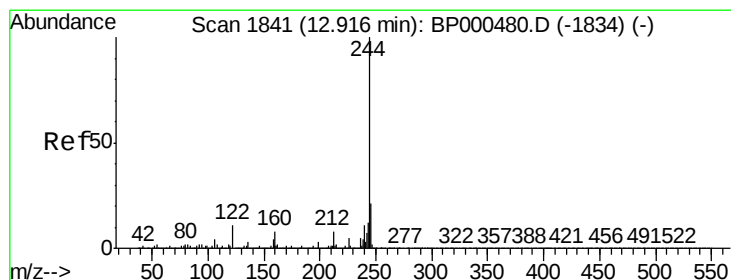
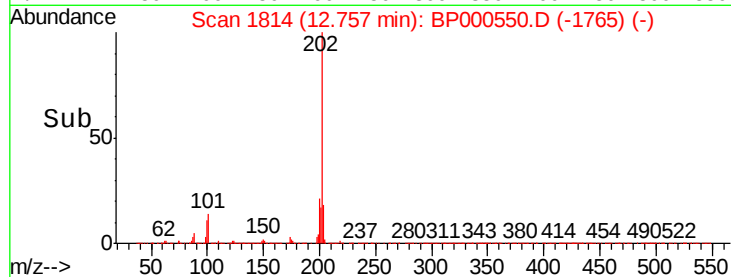
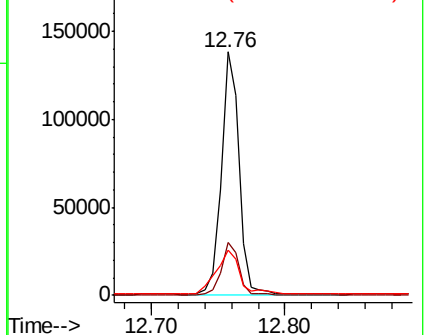
203 18.6 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 59.737 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BP000550.D

Acq: 07 Oct 2019 18:07

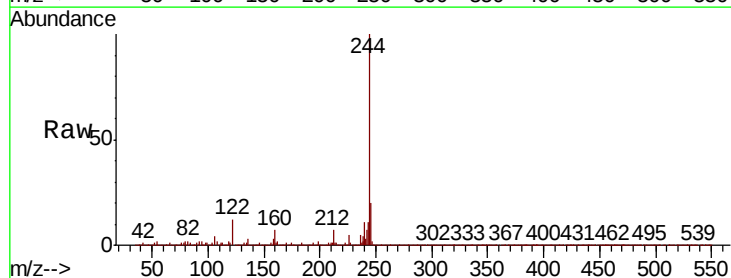
Tgt Ion:244 Resp: 2535637

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

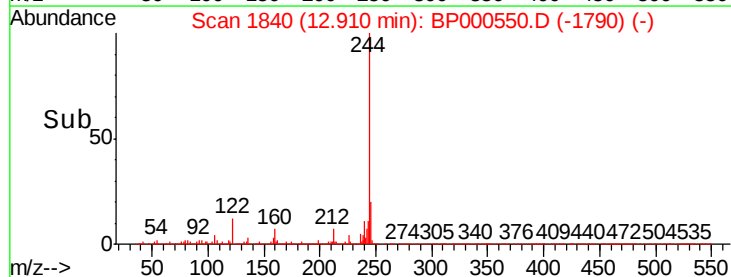
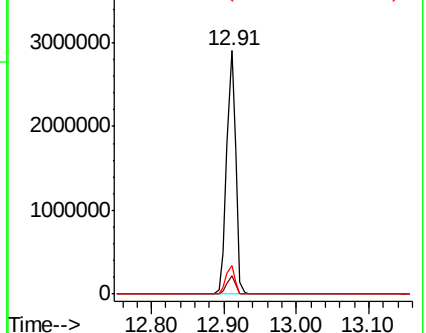
122 11.8 8.9 13.3

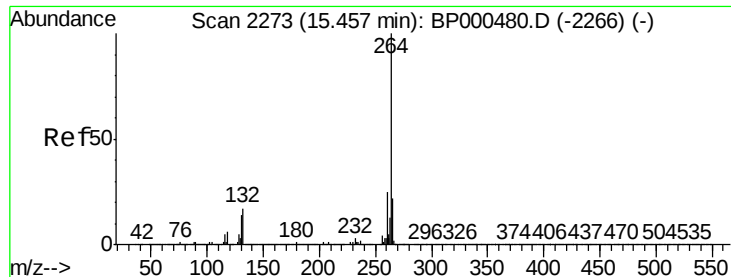


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP000550.D
Acq: 07 Oct 2019 18:07

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.3	30.5
265	21.4	18.0	27.0

