

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101019\
 Data File : BP000622.D
 Acq On : 10 Oct 2019 17:40
 Operator : JU
 Sample : K5300-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-18A-S

Quant Time: Oct 11 02:26:56 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

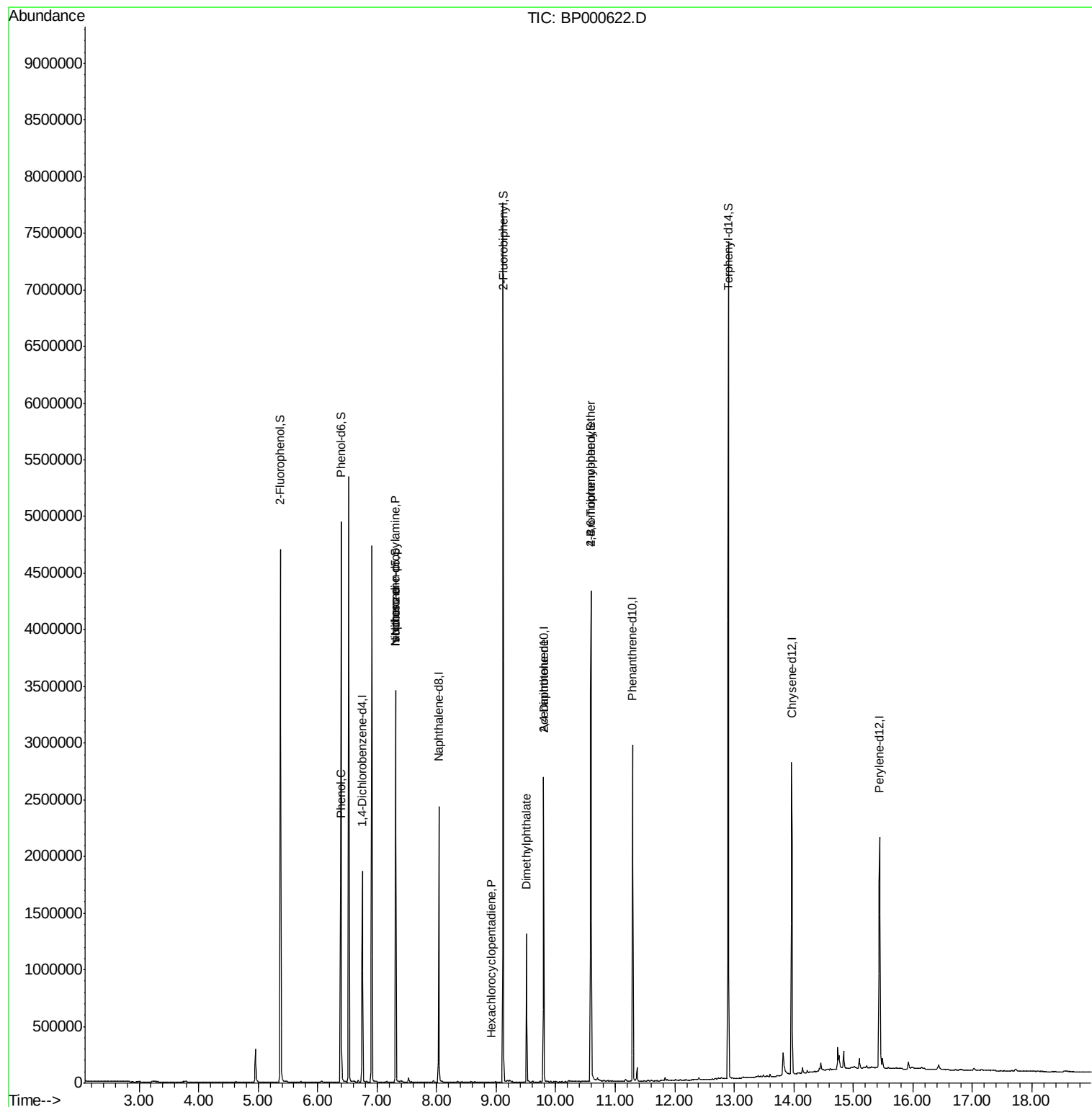
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	259396	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	955573	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	537499	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	991009	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	846396	20.00	ng	-0.02
87) Perylene-d12	15.44	264	893688	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1470313	91.11	ng	-0.02
7) Phenol-d6	6.39	99	1916323	98.55	ng	-0.02
23) Nitrobenzene-d5	7.31	82	1054842	67.42	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	527907	92.17	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	2231850	67.18	ng	-0.02
79) Terphenyl-d14	12.90	244	2605628	62.33	ng	-0.02
Target Compounds						
10) Phenol	6.40	94	69986	3.515	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.31	70	130757	14.588	ng	# 73
25) Isophorone	7.31	82	1054562	37.977	ng	# 61
41) Hexachlorocyclopentadiene	8.91	237	19	7.300	ng	# 49
50) Dimethylphthalate	9.51	163	460773	12.337	ng	99
57) 2,4-Dinitrotoluene	9.80	165	70393	6.519	ng	# 31
67) 4-Bromophenyl-phenylether	10.59	248	37250	3.339	ng	# 1

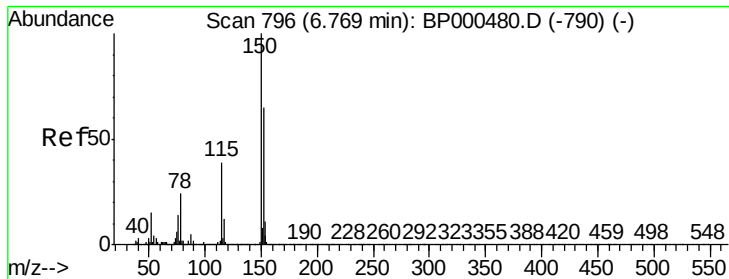
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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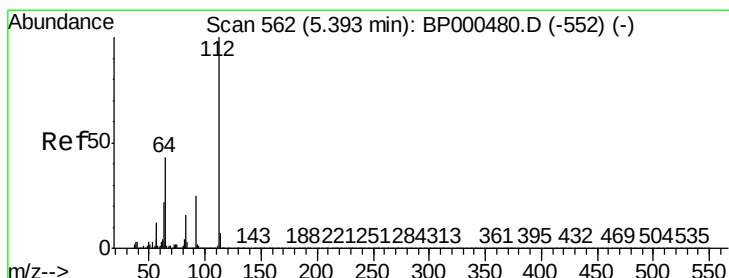
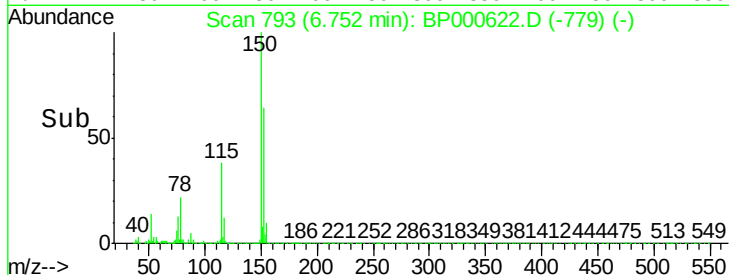
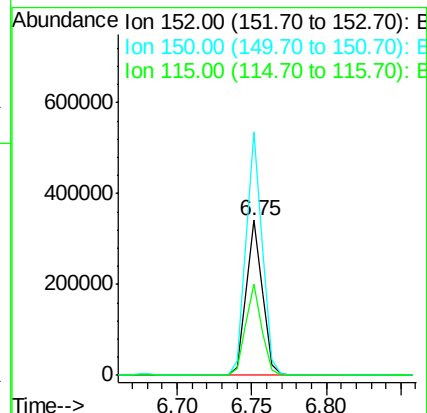
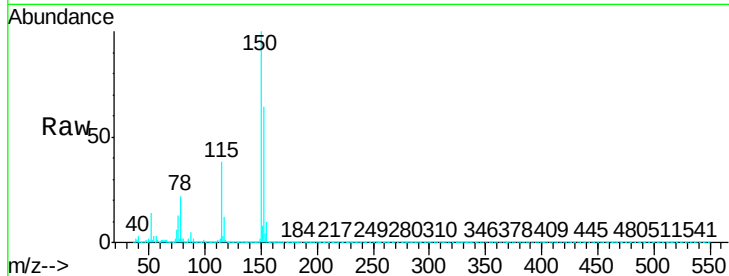


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000622.D
Acq: 10 Oct 2019 17:40

Instrument :
BNA_P
ClientSampleId :
TP-18A-S

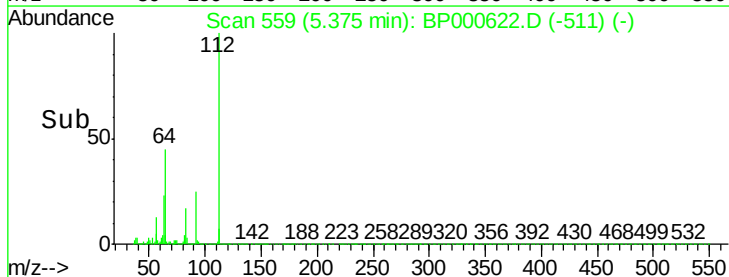
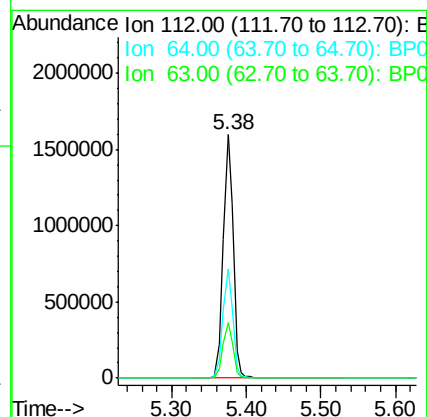
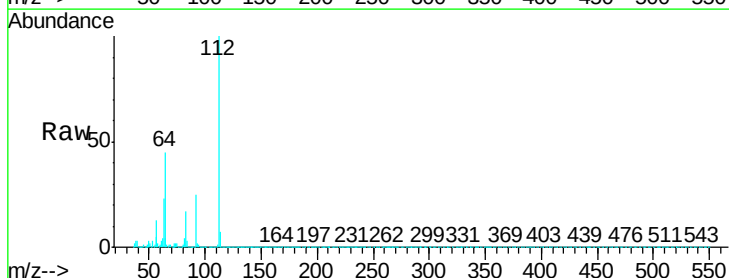
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.1	186.1
115	59.1	48.7	73.1

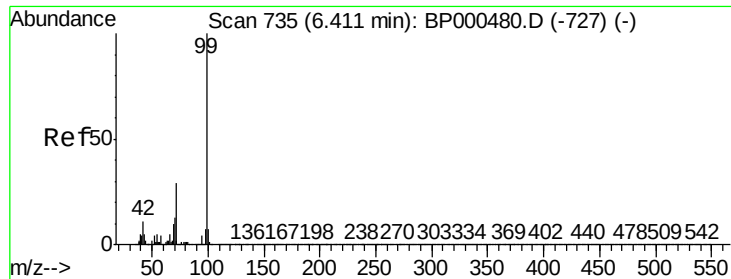


#5

2-Fluorophenol
Concen: 91.113 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000622.D
Acq: 10 Oct 2019 17:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.8	34.2	51.4
63	22.8	17.9	26.9





#7

Phenol-d6

Concen: 98.546 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000622.D

Acq: 10 Oct 2019 17:40

Instrument :

BNA_P

ClientSampled :

TP-18A-S

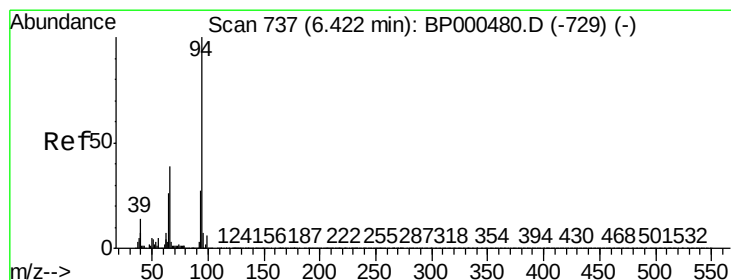
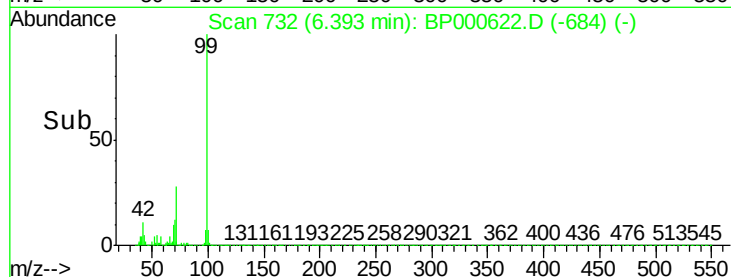
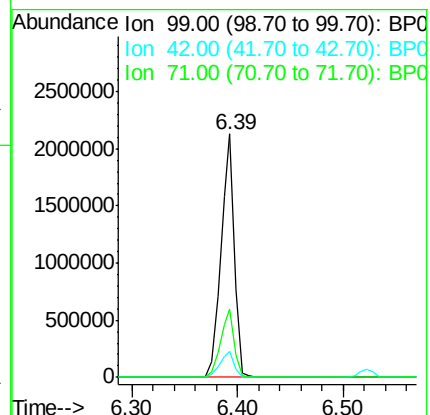
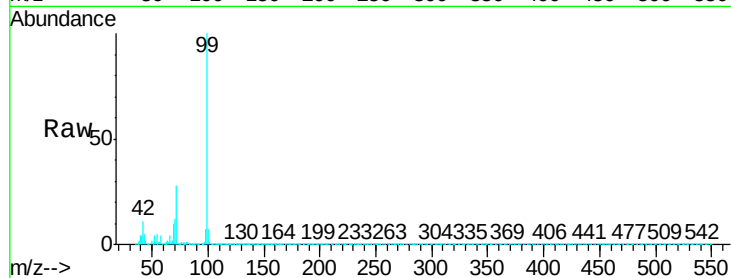
Tgt Ion: 99 Resp: 1916323

Ion Ratio Lower Upper

99 100

42 10.5 8.6 12.8

71 28.2 23.0 34.4



#10

Phenol

Concen: 3.515 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.02 min

Lab File: BP000622.D

Acq: 10 Oct 2019 17:40

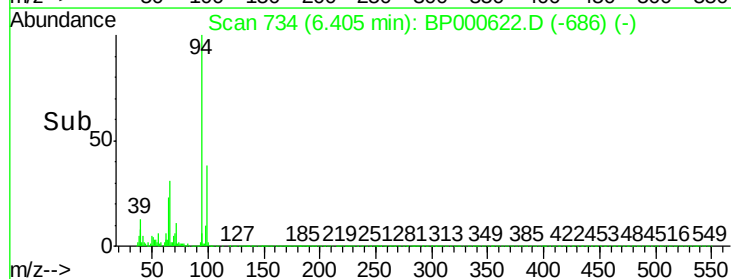
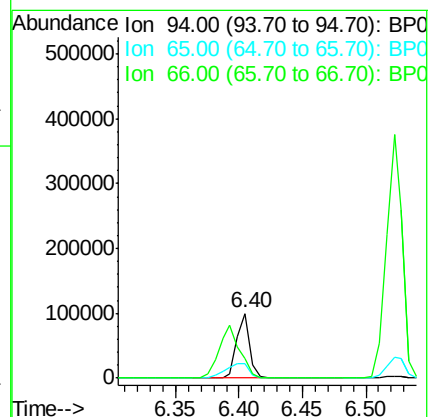
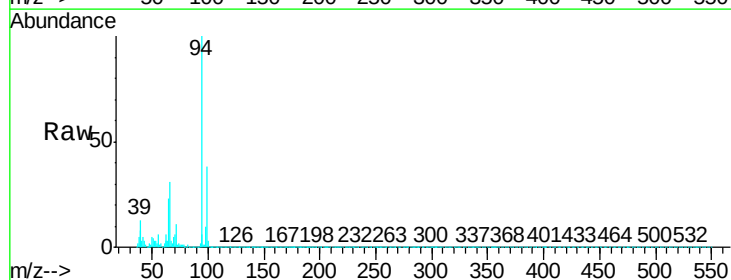
Tgt Ion: 94 Resp: 69986

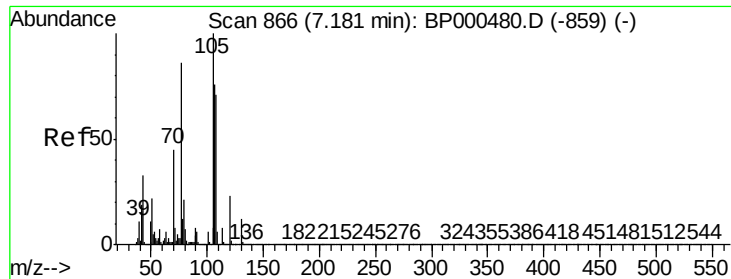
Ion Ratio Lower Upper

94 100

65 23.1 5.9 45.9

66 31.0 18.8 58.8

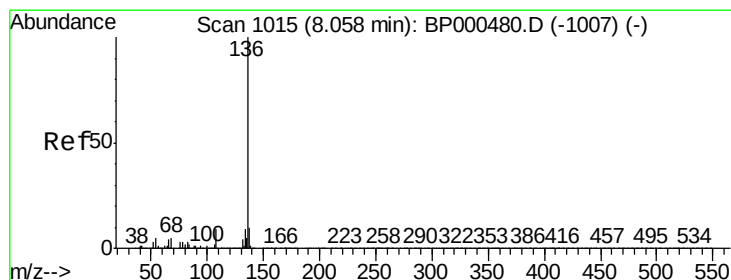
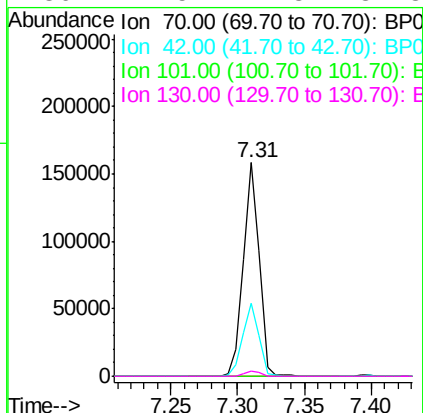
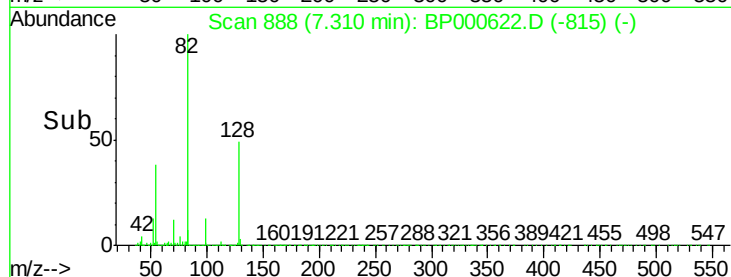
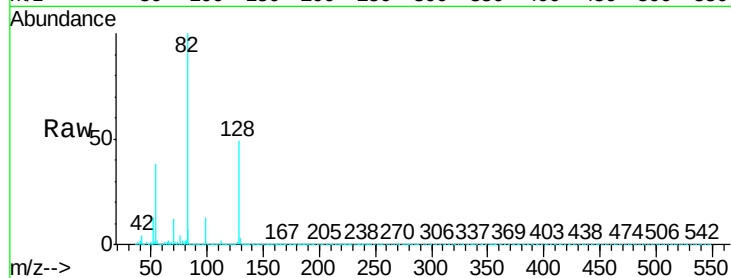




#19
n-Nitroso-di-n-propylamine
Concen: 14.588 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000622.D
Acq: 10 Oct 2019 17:40

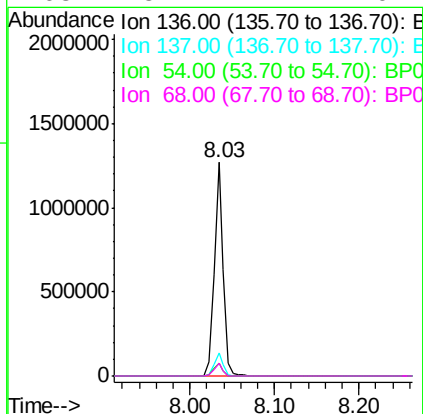
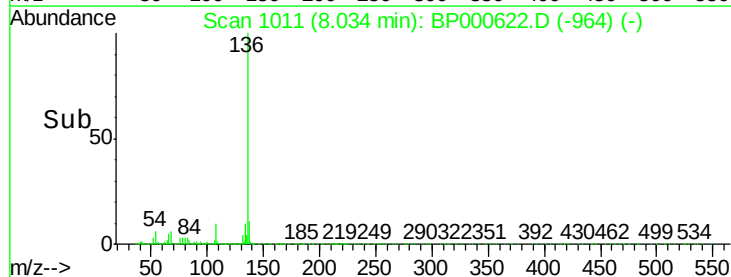
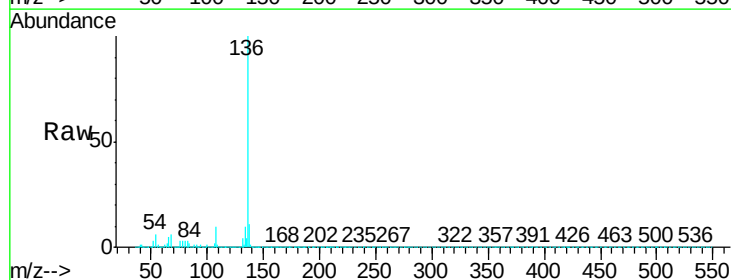
Instrument :
BNA_P
ClientSampled :
TP-18A-S

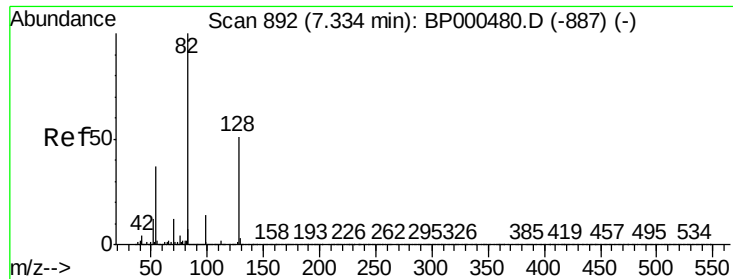
Tgt Ion:	70	Resp:	130757
Ion	Ratio	Lower	Upper
70	100		
42	33.9	33.2	49.8
101	0.0	9.9	14.9#
130	2.5	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000622.D
Acq: 10 Oct 2019 17:40

Tgt Ion:	136	Resp:	955573
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	5.8	4.1	6.1
68	5.7	4.1	6.1

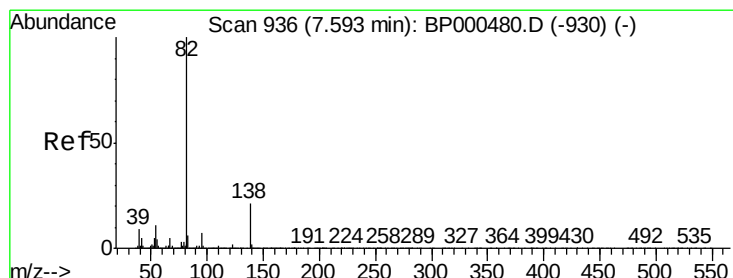
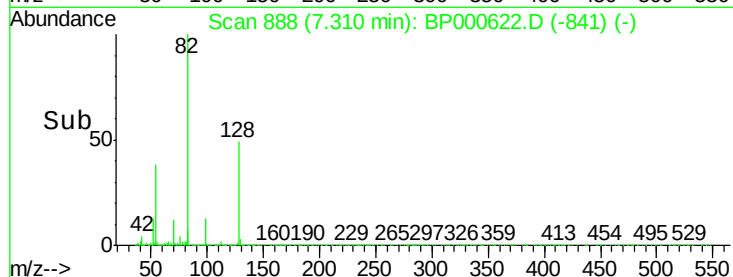
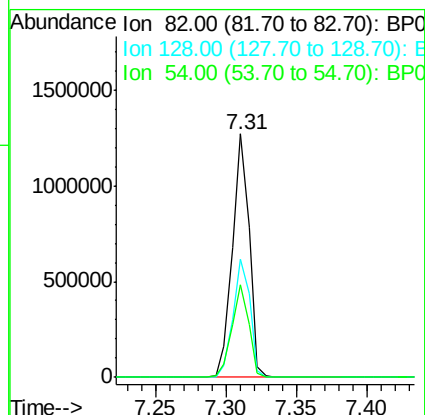
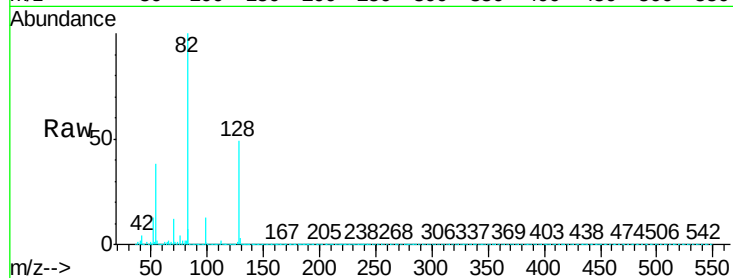




#23
Nitrobenzene-d5
Concen: 67.420 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000622.D
Acq: 10 Oct 2019 17:40

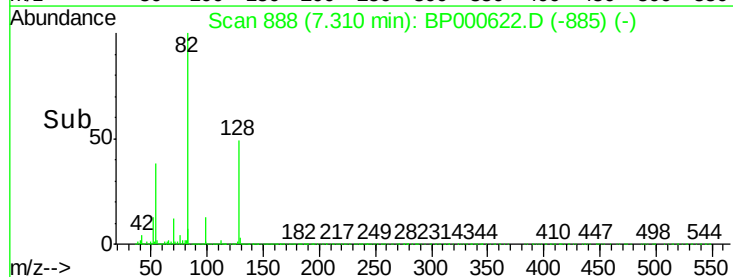
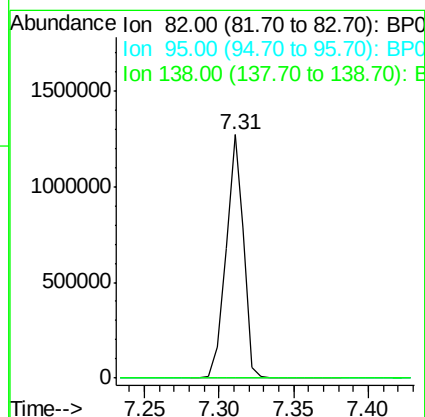
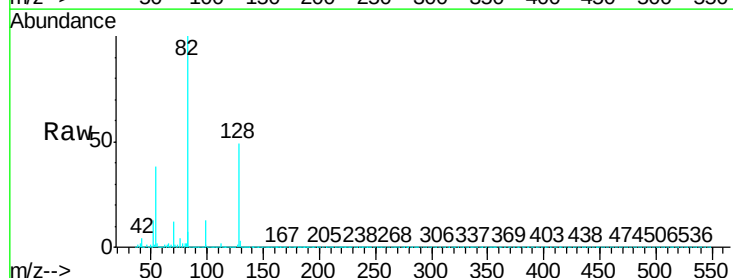
Instrument :
BNA_P
ClientSampleId :
TP-18A-S

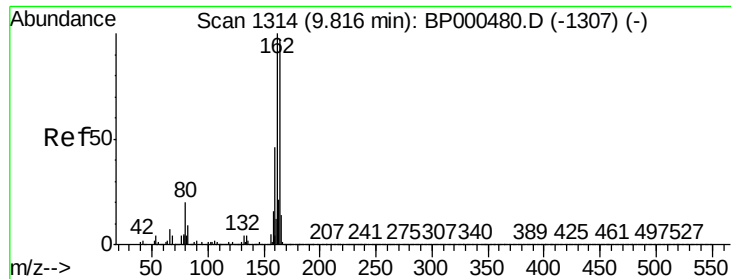
Tgt Ion: 82 Resp: 1054842
Ion Ratio Lower Upper
82 100
128 48.6 40.9 61.3
54 38.1 29.4 44.2



#25
Isophorone
Concen: 37.977 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000622.D
Acq: 10 Oct 2019 17:40

Tgt Ion: 82 Resp: 1054562
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 17.0 25.4#

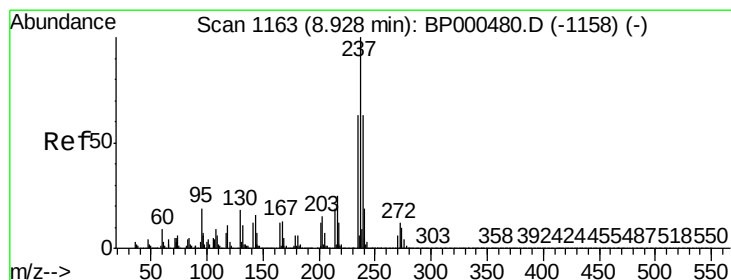
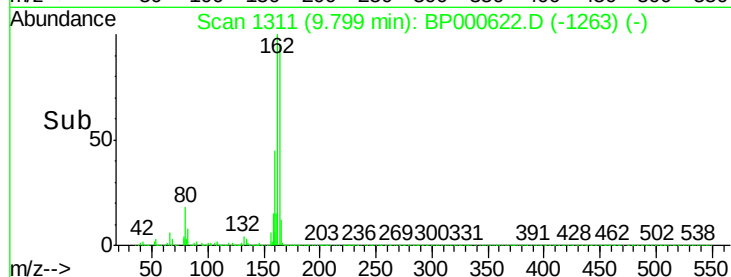
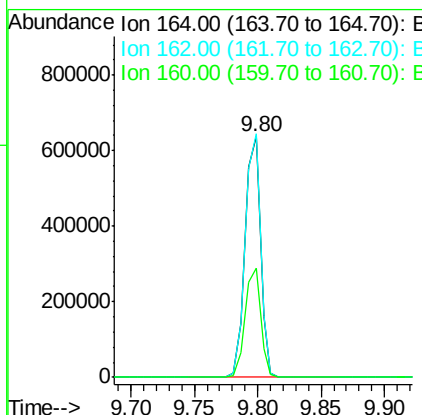
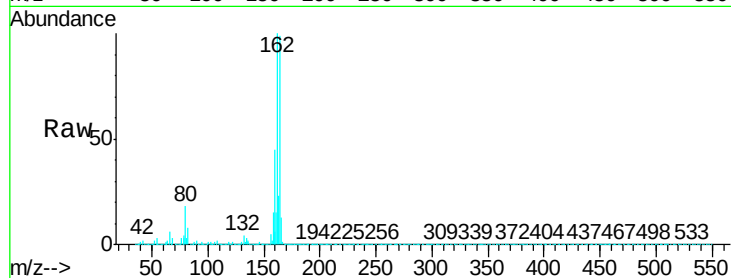




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000622.D
Acq: 10 Oct 2019 17:40

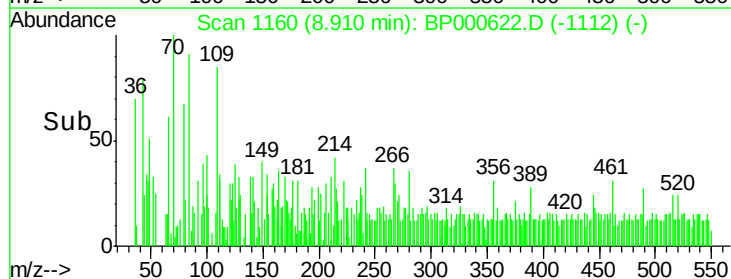
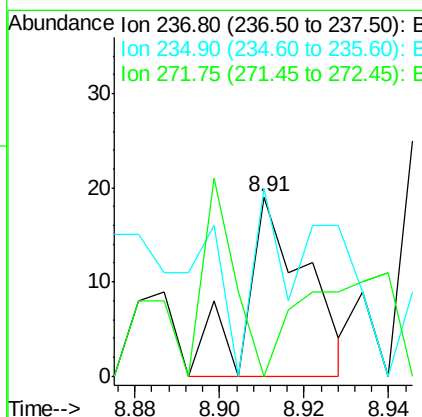
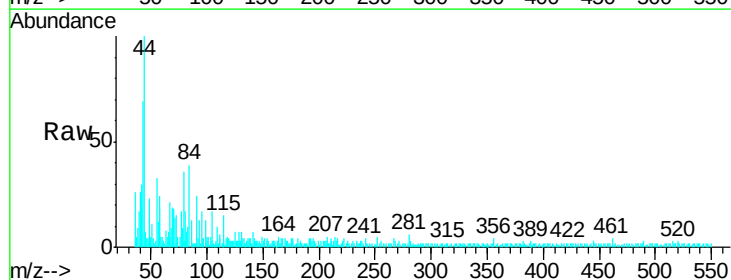
Instrument :
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ClientSampleId :
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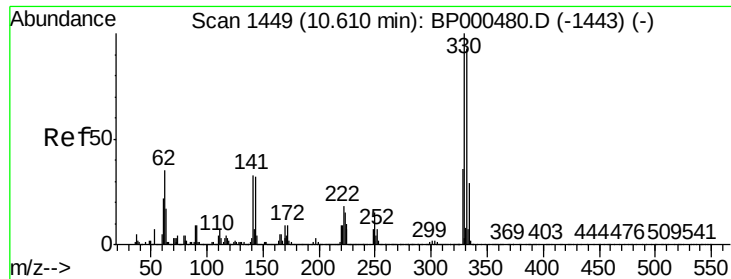
Tgt Ion:164 Resp: 537499
Ion Ratio Lower Upper
164 100
162 101.2 82.2 123.2
160 45.4 37.6 56.4



#41
Hexachlorocyclopentadiene
Concen: 7.300 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BP000622.D
Acq: 10 Oct 2019 17:40

Tgt Ion:237 Resp: 19
Ion Ratio Lower Upper
237 100
235 105.3 42.9 82.9#
272 0.0 0.0 32.4

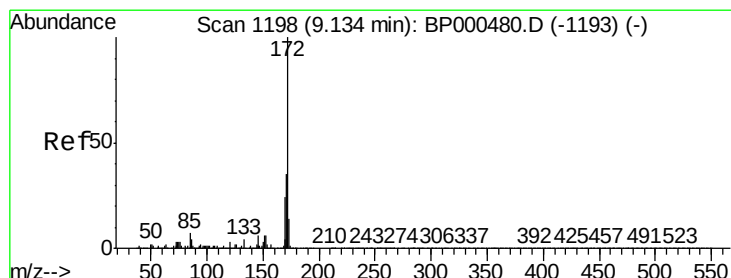
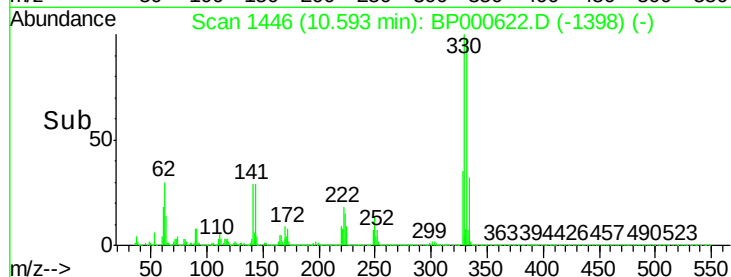
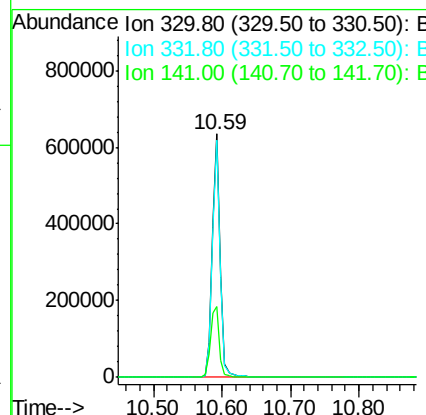
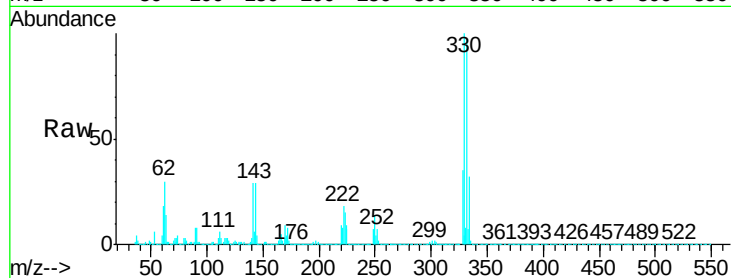




#42
 2,4,6-Tribromophenol
 Concen: 92.168 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BP000622.D
 Acq: 10 Oct 2019 17:40

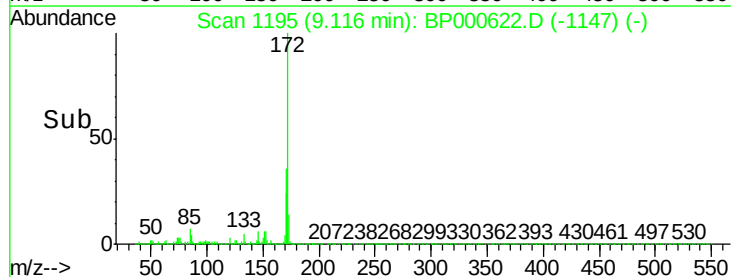
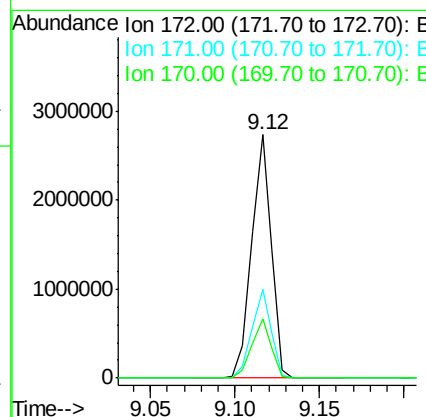
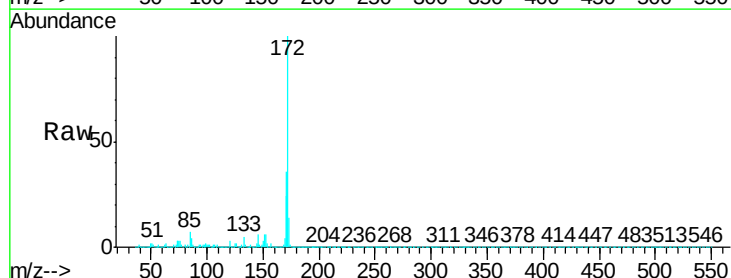
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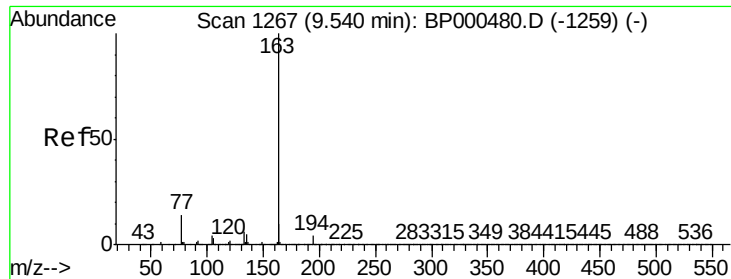
Tgt Ion: 330 Resp: 527907
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.1 115.7
 141 32.6 26.0 39.0



#45
 2-Fluorobiphenyl
 Concen: 67.184 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BP000622.D
 Acq: 10 Oct 2019 17:40

Tgt Ion: 172 Resp: 2231850
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.4 42.6
 170 24.5 19.1 28.7

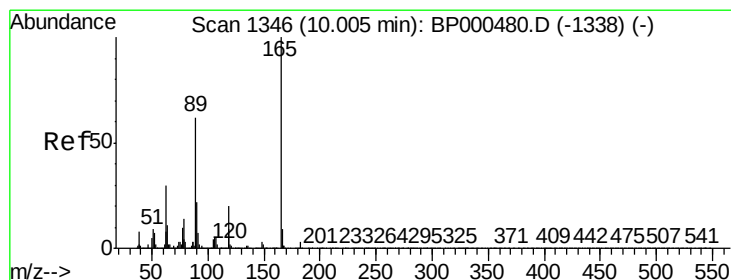
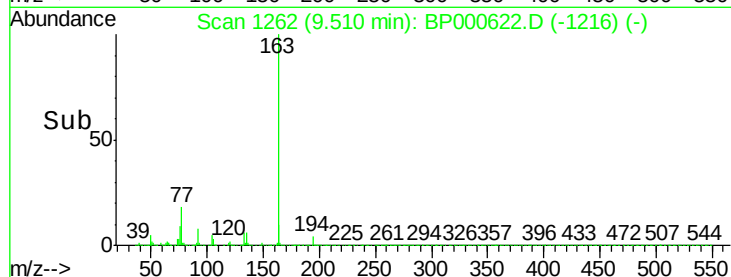
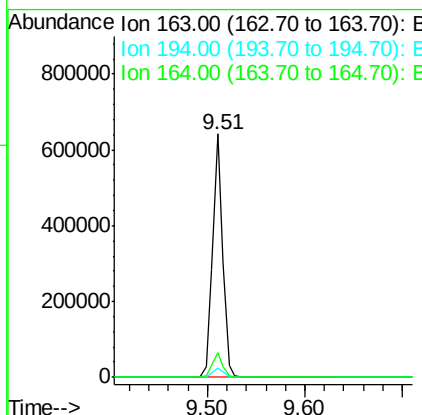
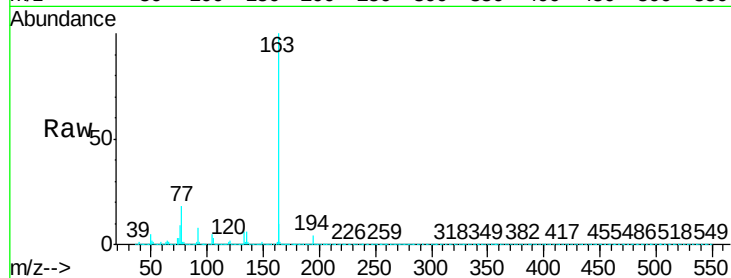




#50
Dimethylphthalate
Concen: 12.337 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000622.D
Acq: 10 Oct 2019 17:40

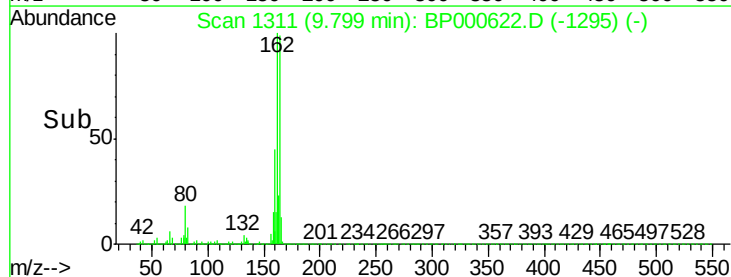
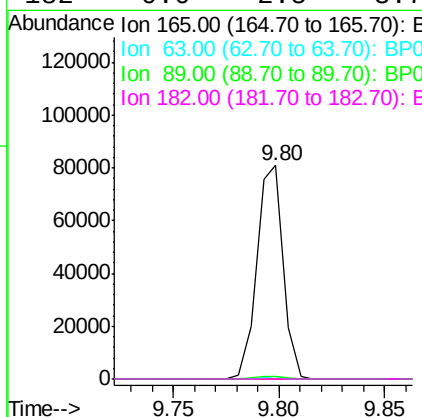
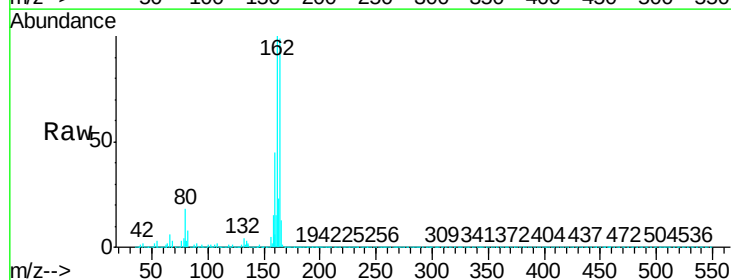
Instrument :
BNA_P
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TP-18A-S

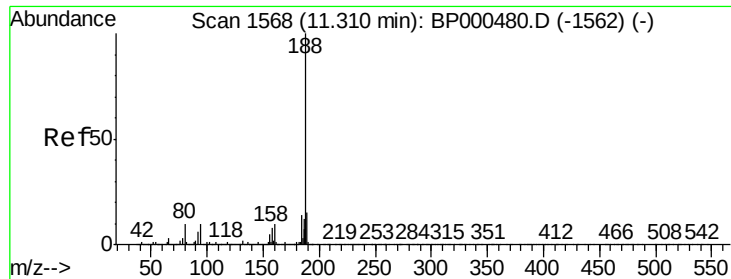
Tgt Ion:163 Resp: 460773
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.3 8.0 12.0



#57
2,4-Dinitrotoluene
Concen: 6.519 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BP000622.D
Acq: 10 Oct 2019 17:40

Tgt Ion:165 Resp: 70393
Ion Ratio Lower Upper
165 100
63 0.9 24.2 36.4#
89 1.2 49.4 74.0#
182 0.0 2.5 3.7#

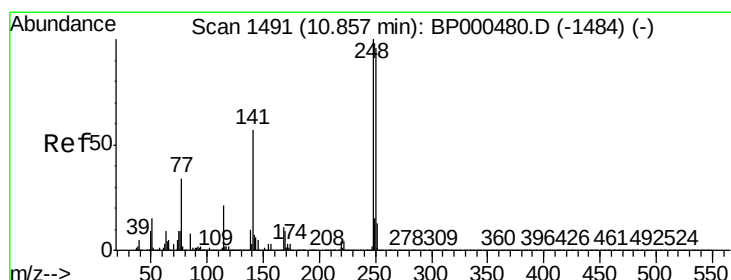
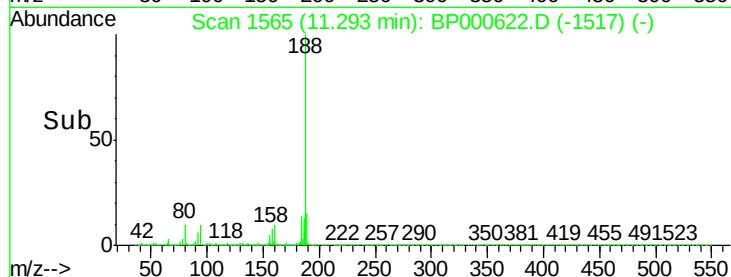
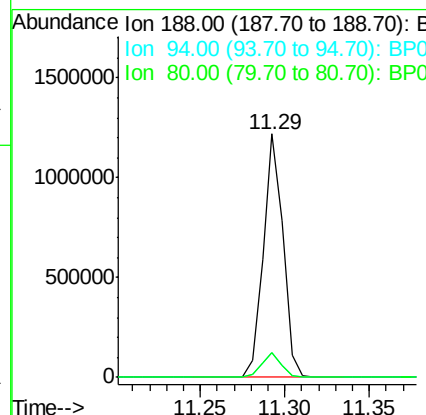
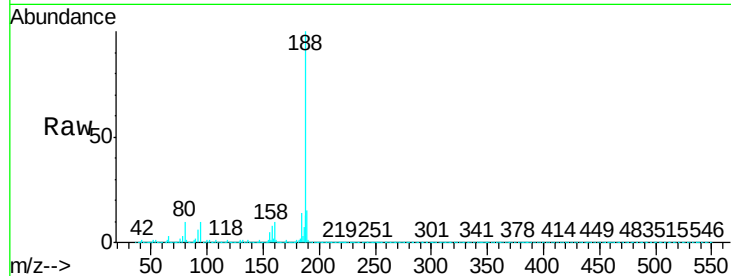




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000622.D
Acq: 10 Oct 2019 17:40

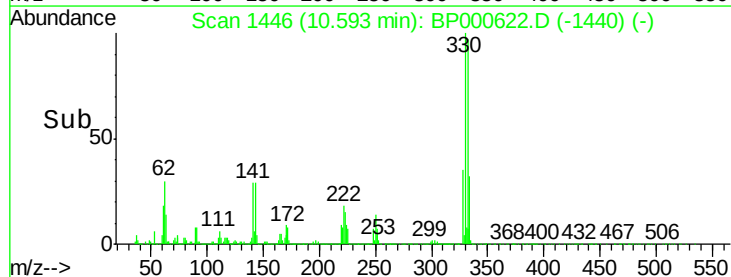
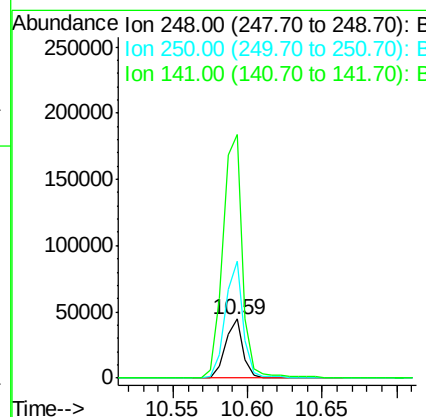
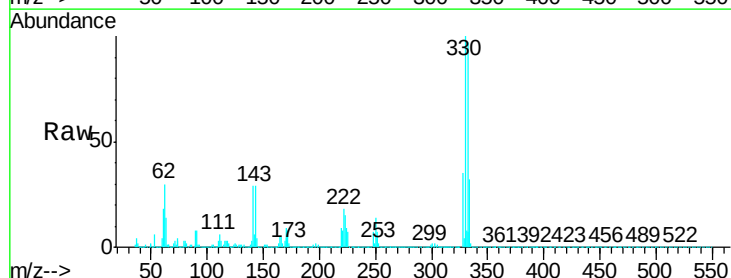
Instrument :
BNA_P
ClientSampleId :
TP-18A-S

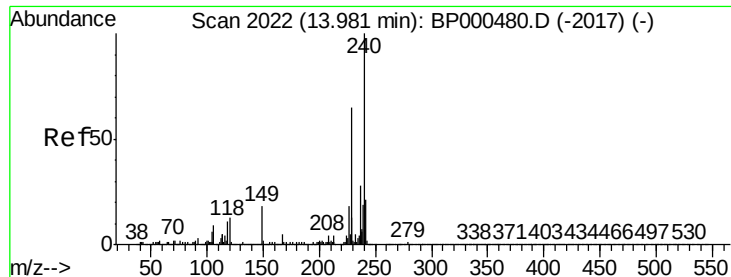
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.2	12.2
80	10.0	8.3	12.5



#67
4-Bromophenyl-phenylether
Concen: 3.339 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.26 min
Lab File: BP000622.D
Acq: 10 Oct 2019 17:40

Tgt Ion	Ratio	Lower	Upper
248	100		
250	198.9	77.2	115.8#
141	413.0	45.3	67.9#

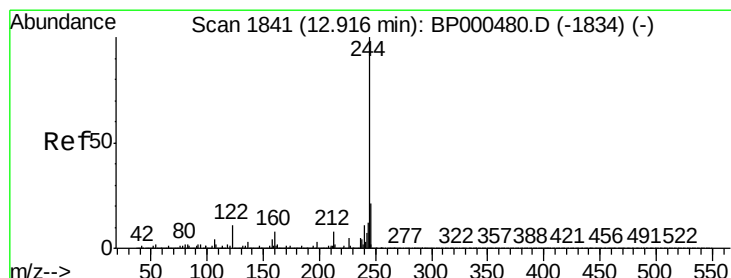
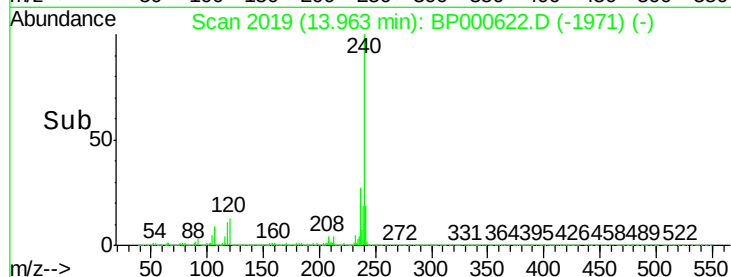
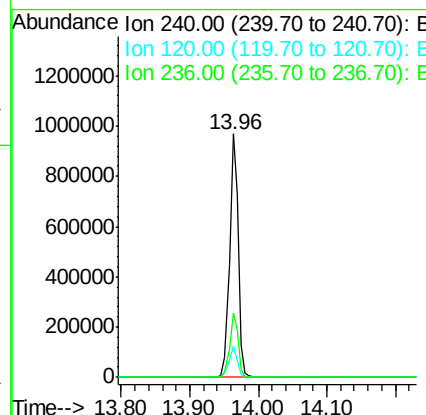
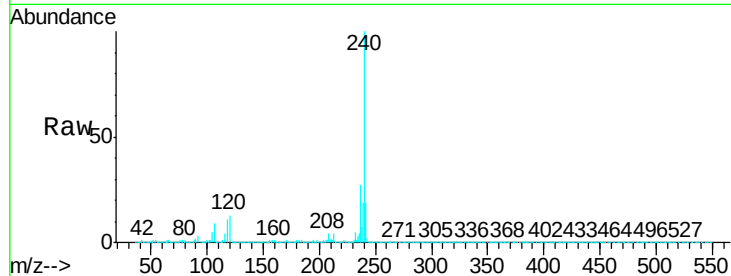




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BP000622.D
Acq: 10 Oct 2019 17:40

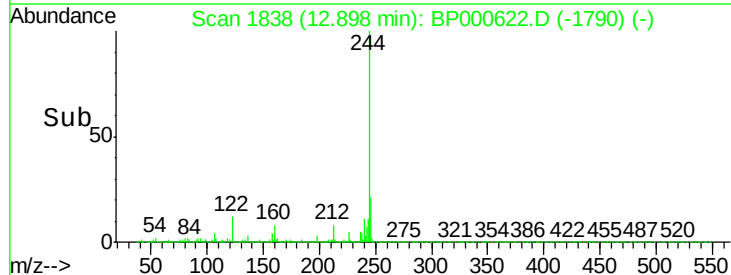
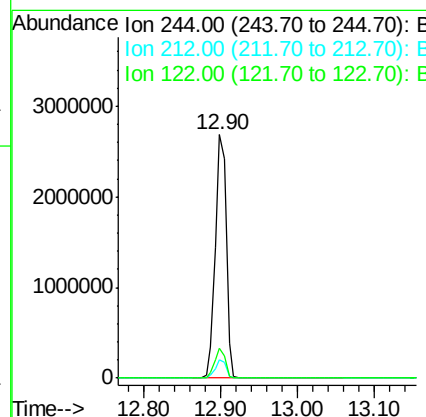
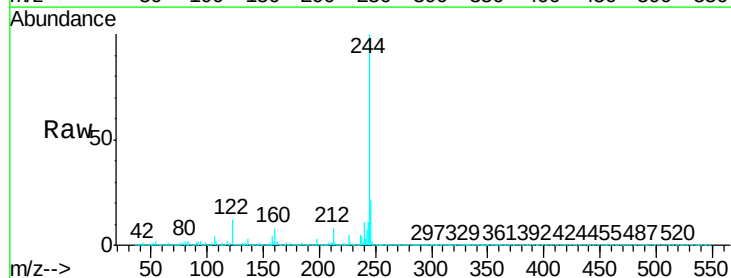
Instrument :
BNA_P
ClientSampleId :
TP-18A-S

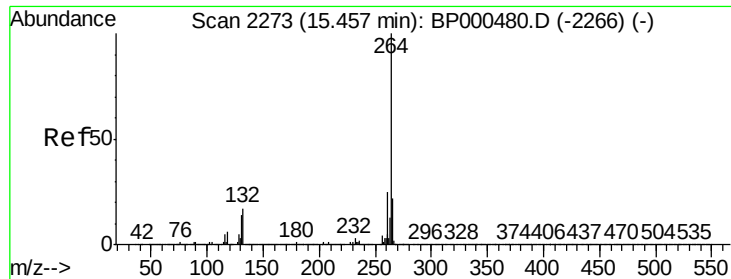
Tgt Ion:240 Resp: 846396
Ion Ratio Lower Upper
240 100
120 12.7 10.1 15.1
236 26.5 22.7 34.1



#79
Terphenyl-d14
Concen: 62.331 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BP000622.D
Acq: 10 Oct 2019 17:40

Tgt Ion:244 Resp: 2605628
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 12.3 8.9 13.3





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BP000622.D
Acq: 10 Oct 2019 17:40

Instrument :
BNA_P
ClientSampleId :
TP-18A-S

Tgt Ion:	264	Resp:	893688
Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.3	30.5
265	21.6	18.0	27.0

