

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101019\
 Data File : BP000624.D
 Acq On : 10 Oct 2019 18:28
 Operator : JU
 Sample : K5297-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-4

Quant Time: Oct 11 02:27:34 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

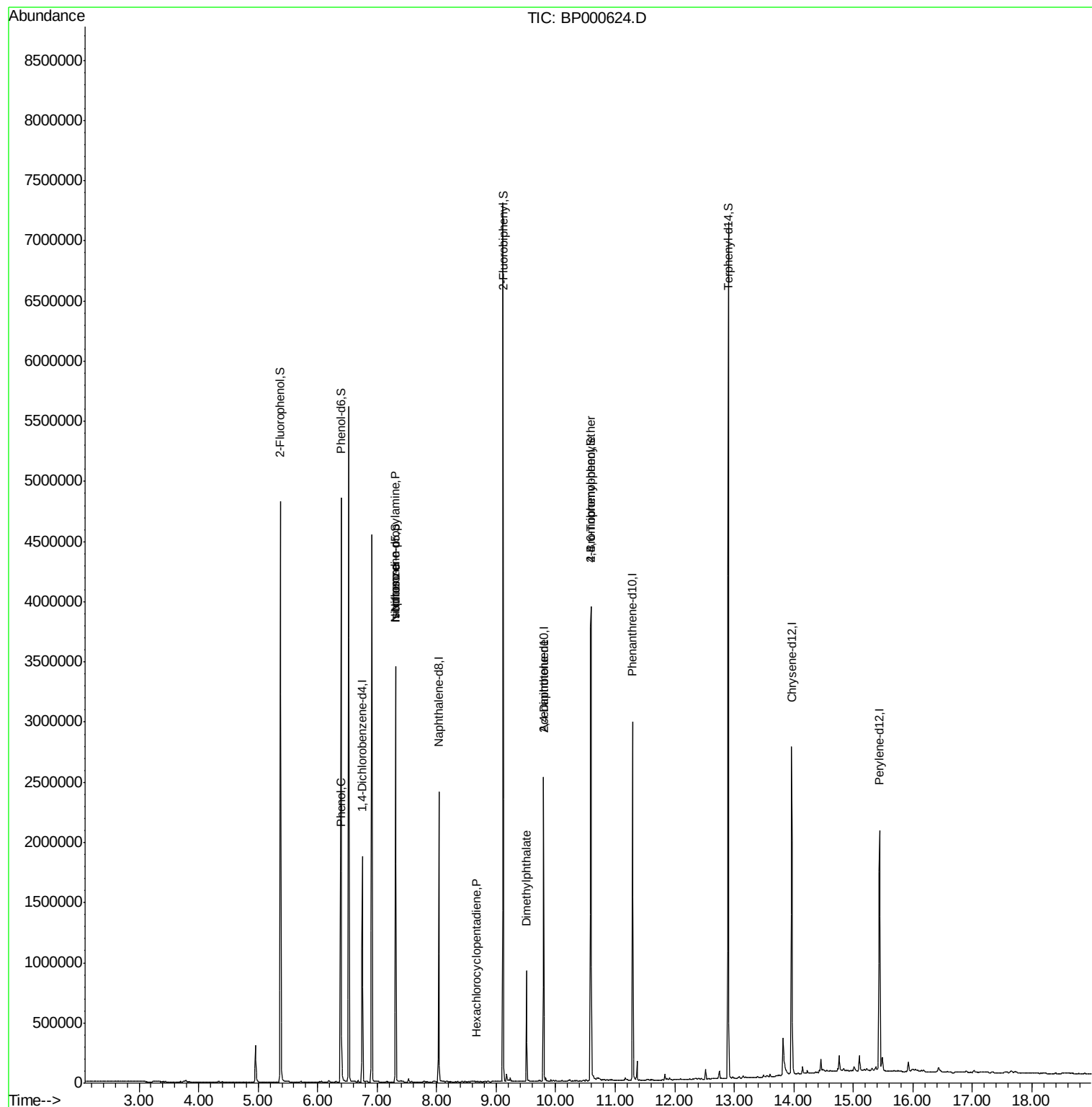
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	260161	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	955046	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	536492	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	966061	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	825880	20.00	ng	-0.02
87) Perylene-d12	15.44	264	887530	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1504081	92.93	ng	-0.02
7) Phenol-d6	6.39	99	1928980	98.91	ng	-0.02
23) Nitrobenzene-d5	7.31	82	1046040	66.89	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	516783	90.39	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	2097370	63.25	ng	-0.02
79) Terphenyl-d14	12.90	244	2315733	56.77	ng	-0.02
Target Compounds						
10) Phenol	6.40	94	75931	3.802	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.31	70	128884	14.337	ng	# 74
25) Isophorone	7.31	82	1045683	37.678	ng	# 61
41) Hexachlorocyclopentadiene	8.68	237	24	7.300	ng	88
50) Dimethylphthalate	9.51	163	335874	9.010	ng	100
57) 2,4-Dinitrotoluene	9.79	165	70307	6.523	ng	# 31
67) 4-Bromophenyl-phenylether	10.59	248	36271	3.335	ng	# 1

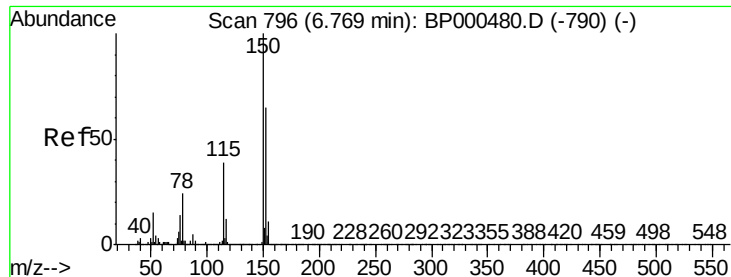
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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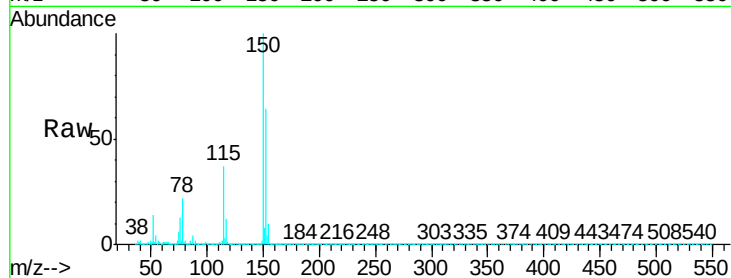


#1

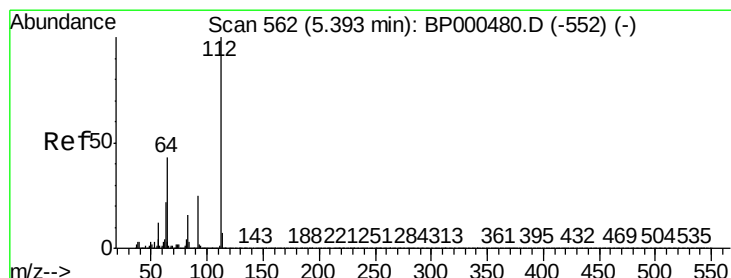
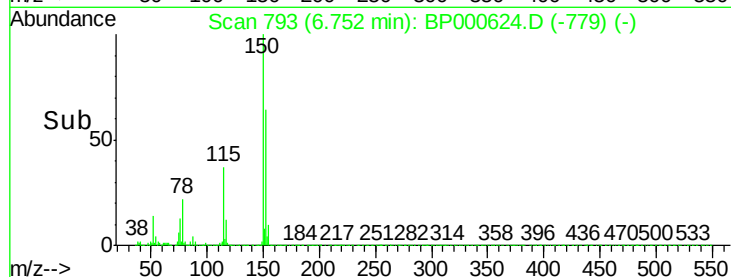
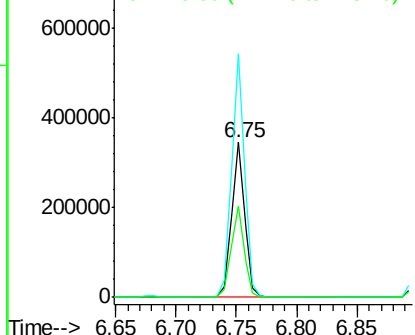
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000624.D
Acq: 10 Oct 2019 18:28

Instrument :
BNA_P
ClientSampleId :
TP-4

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.1	186.1
115	58.5	48.7	73.1



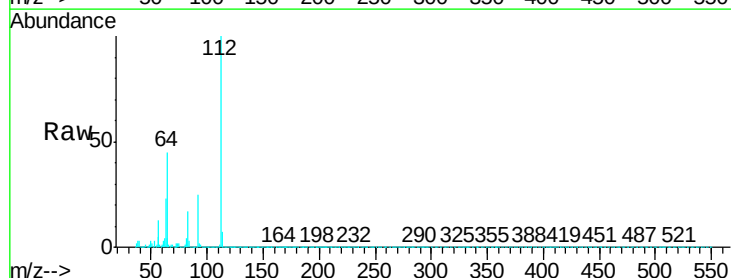
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



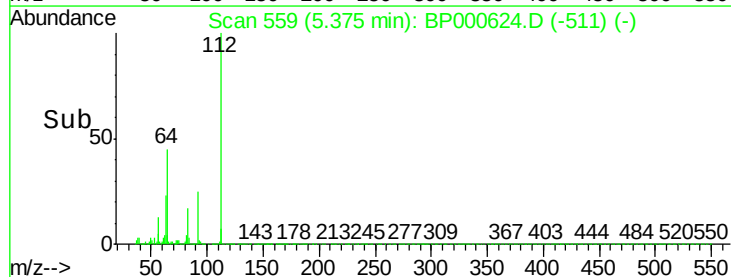
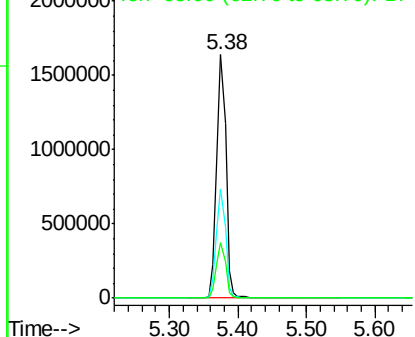
#5

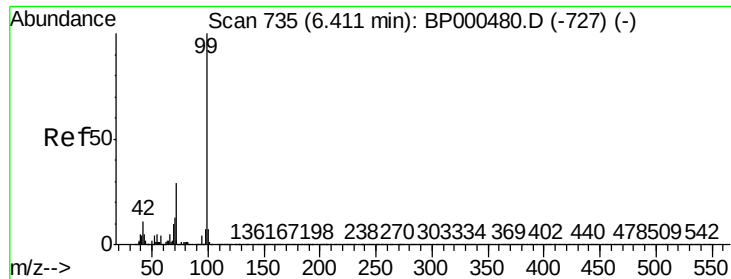
2-Fluorophenol
Concen: 92.932 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000624.D
Acq: 10 Oct 2019 18:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.1	34.2	51.4
63	23.0	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: 98.905 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000624.D

Acq: 10 Oct 2019 18:28

Instrument :

BNA_P

ClientSampleId :

TP-4

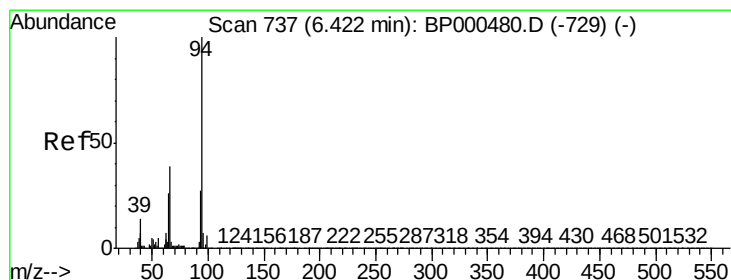
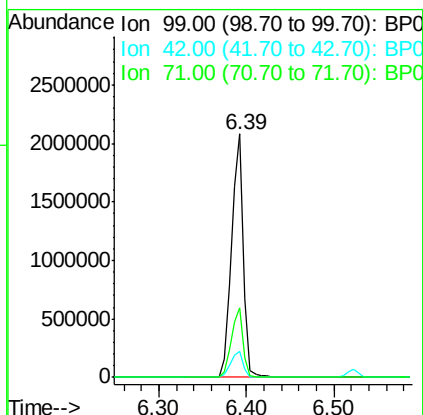
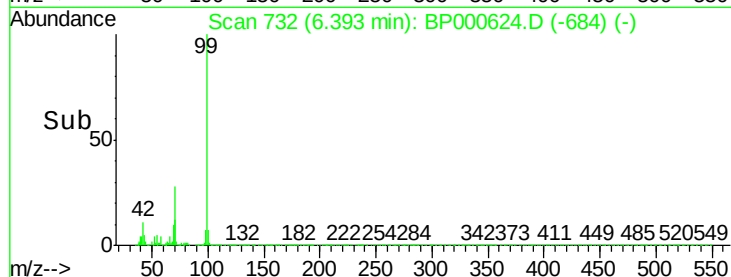
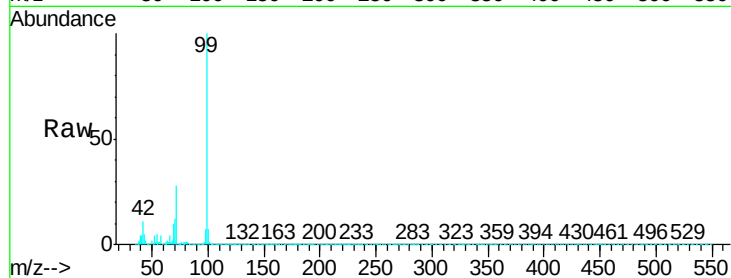
Tgt Ion: 99 Resp: 1928980

Ion Ratio Lower Upper

99 100

42 10.6 8.6 12.8

71 28.4 23.0 34.4



#10

Phenol

Concen: 3.802 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.02 min

Lab File: BP000624.D

Acq: 10 Oct 2019 18:28

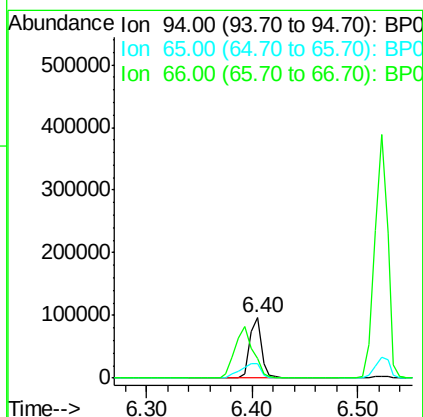
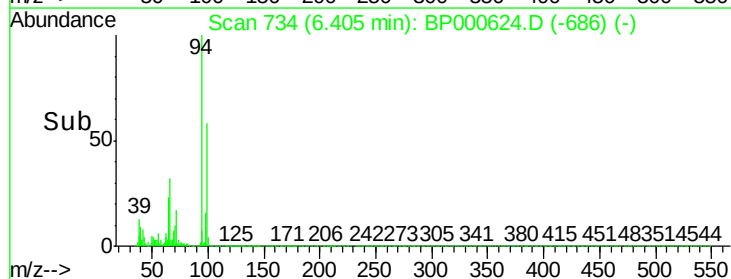
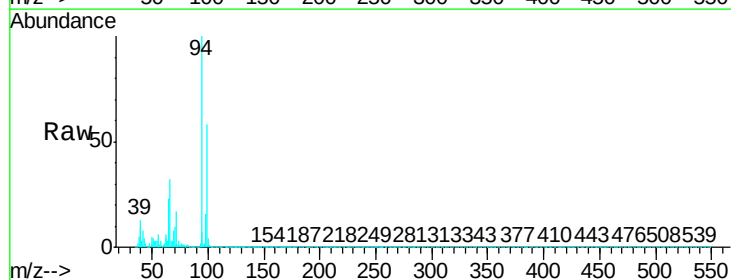
Tgt Ion: 94 Resp: 75931

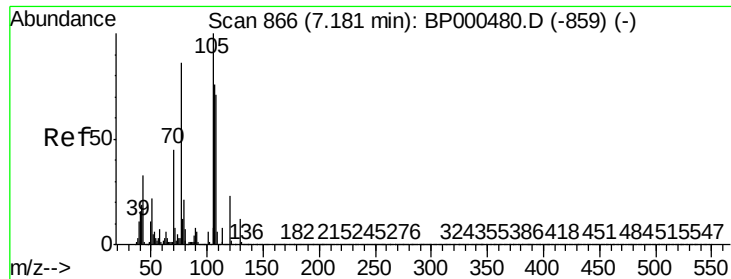
Ion Ratio Lower Upper

94 100

65 23.4 5.9 45.9

66 31.8 18.8 58.8

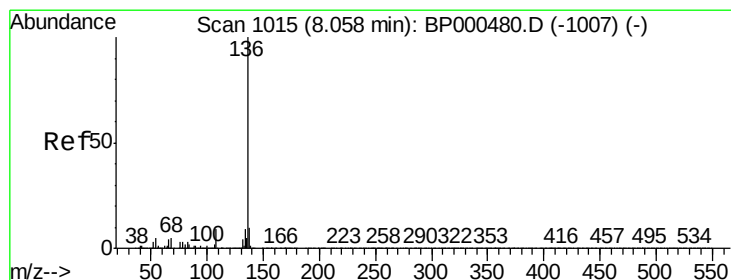
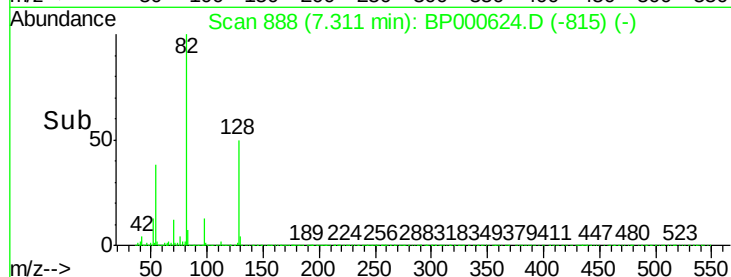
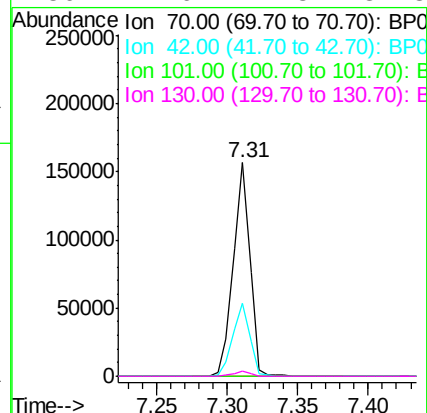
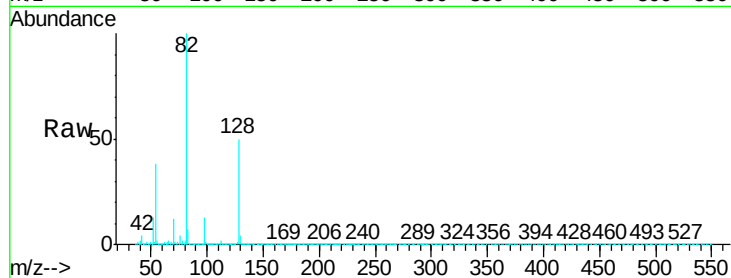




#19
n-Nitroso-di-n-propylamine
Concen: 14.337 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000624.D
Acq: 10 Oct 2019 18:28

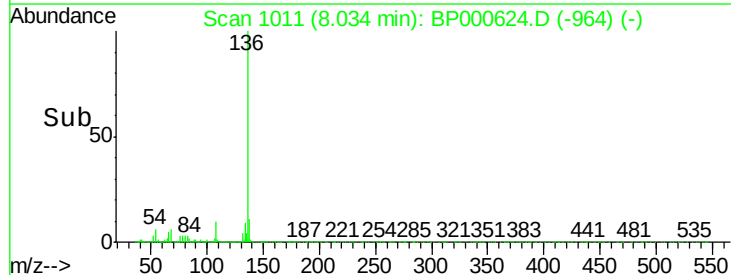
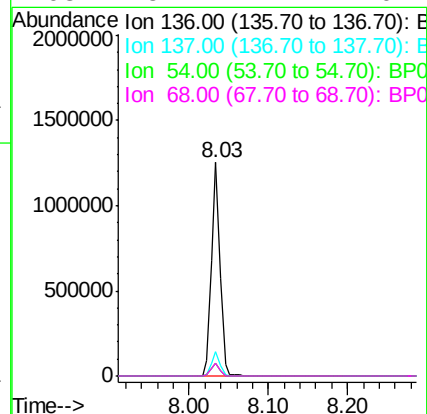
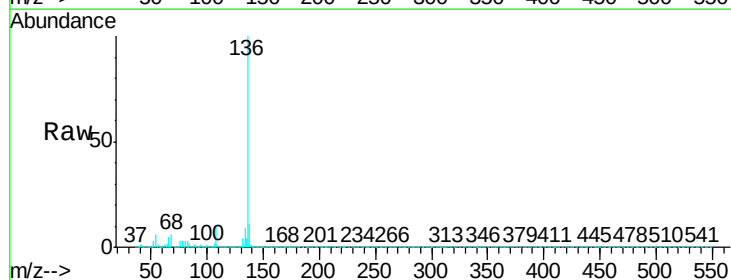
Instrument :
BNA_P
ClientSampled :
TP-4

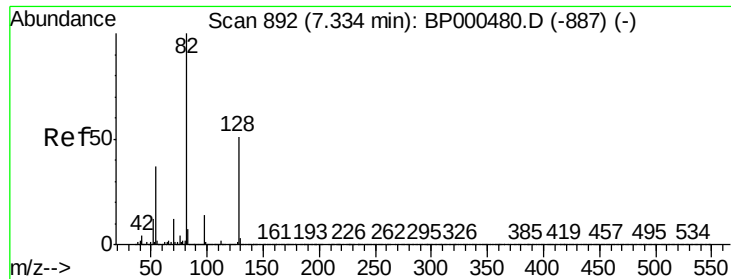
Tgt Ion:	70	Resp:	128884
Ion	Ratio	Lower	Upper
70	100		
42	34.4	33.2	49.8
101	0.0	9.9	14.9#
130	2.6	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000624.D
Acq: 10 Oct 2019 18:28

Tgt Ion:	136	Resp:	955046
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	5.8	4.1	6.1
68	5.7	4.1	6.1

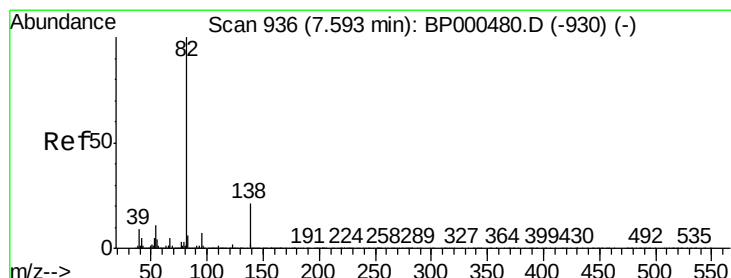
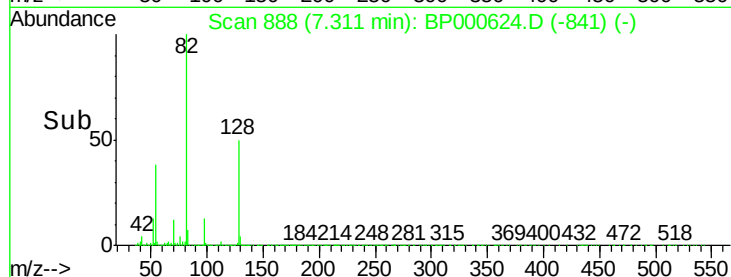
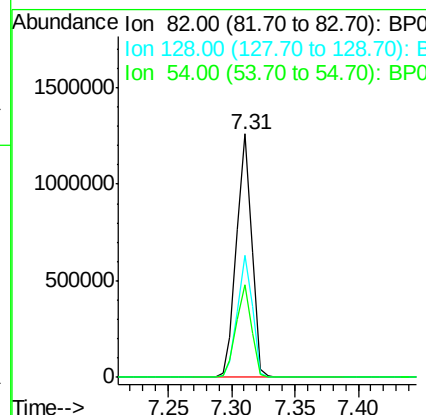
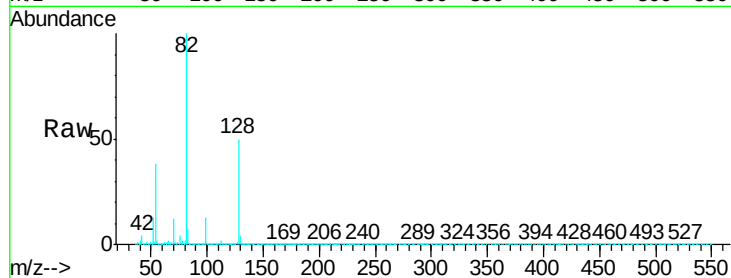




#23
 Nitrobenzene-d5
 Concen: 66.894 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BP000624.D
 Acq: 10 Oct 2019 18:28

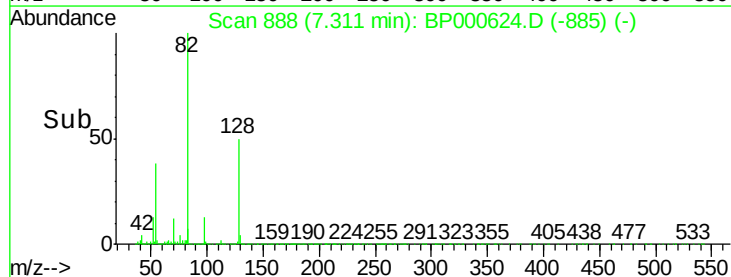
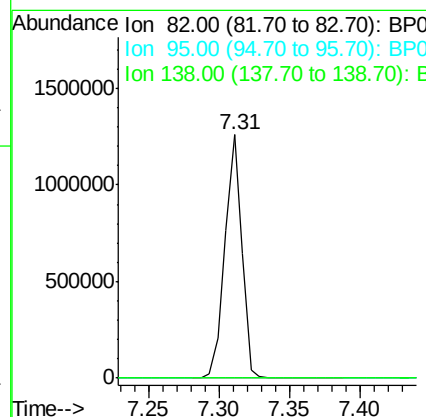
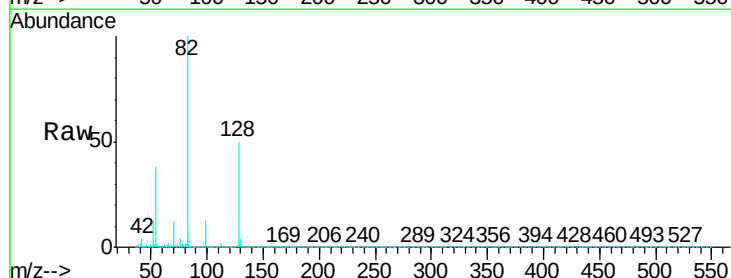
Instrument :
 BNA_P
 ClientSampleId :
 TP-4

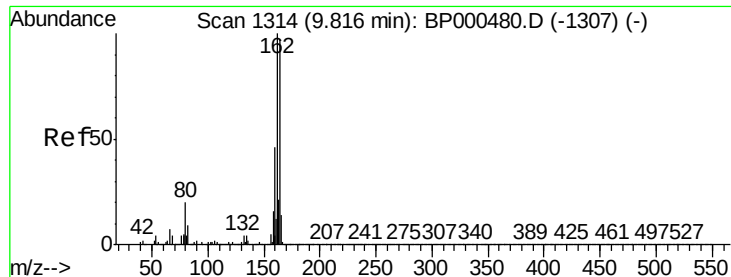
Tgt Ion: 82 Resp: 1046040
 Ion Ratio Lower Upper
 82 100
 128 50.1 40.9 61.3
 54 38.0 29.4 44.2



#25
 Isophorone
 Concen: 37.678 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.28 min
 Lab File: BP000624.D
 Acq: 10 Oct 2019 18:28

Tgt Ion: 82 Resp: 1045683
 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: 9.79 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BP000624.D

Acq: 10 Oct 2019 18:28

Instrument :

BNA_P

ClientSampleId :

TP-4

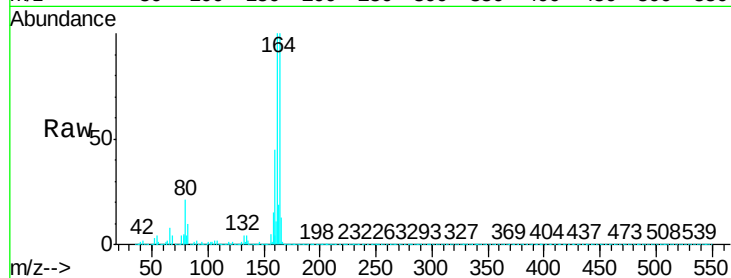
Tgt Ion:164 Resp: 536492

Ion Ratio Lower Upper

164 100

162 99.8 82.2 123.2

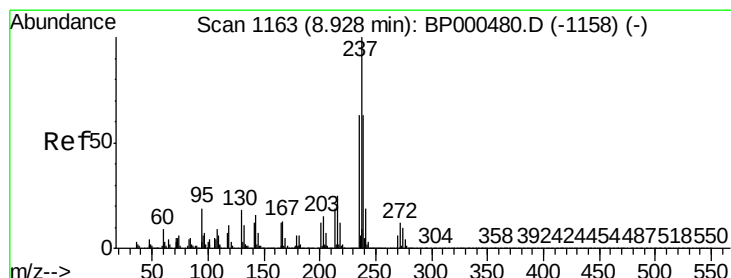
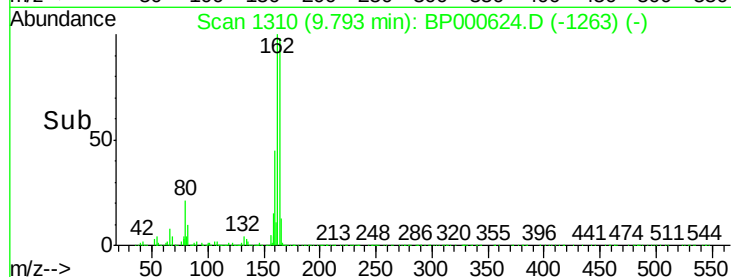
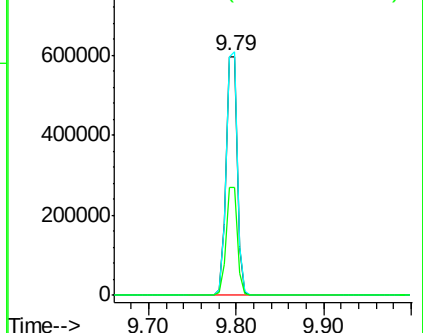
160 45.0 37.6 56.4



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: 7.300 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.25 min

Lab File: BP000624.D

Acq: 10 Oct 2019 18:28

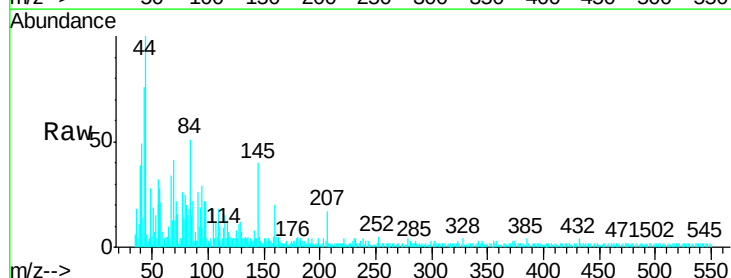
Tgt Ion:237 Resp: 24

Ion Ratio Lower Upper

237 100

235 56.3 42.9 82.9

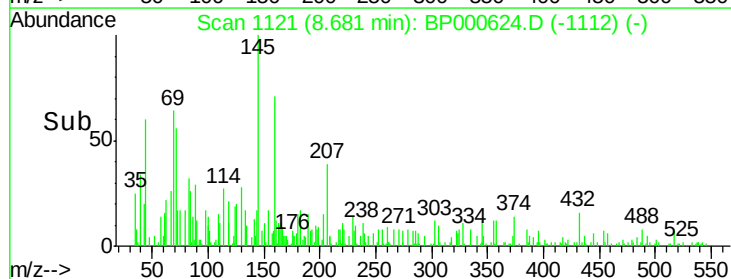
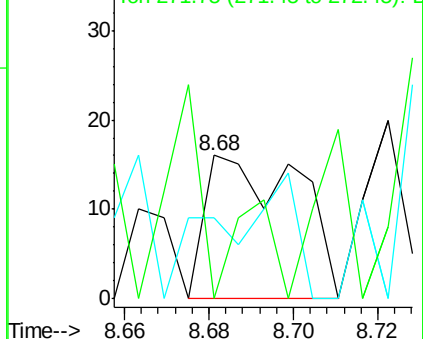
272 0.0 0.0 32.4

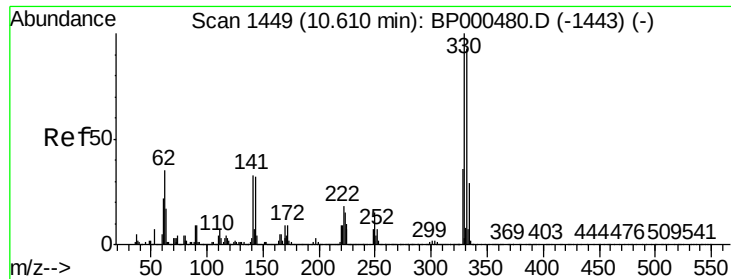


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

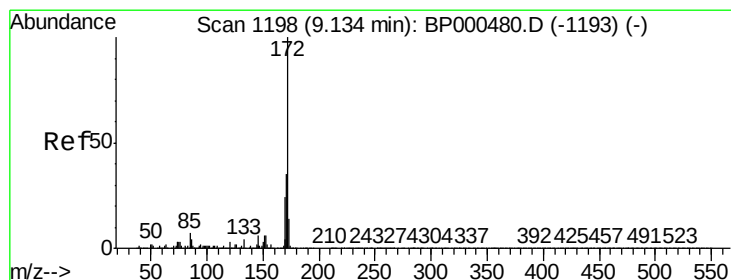
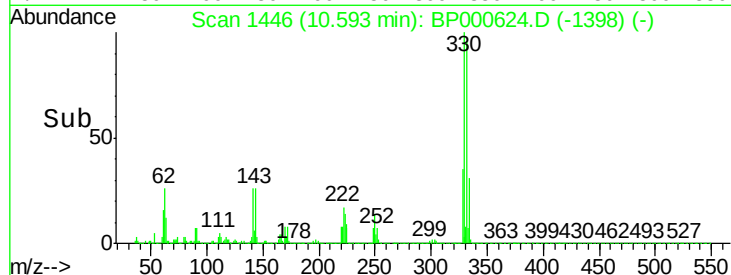
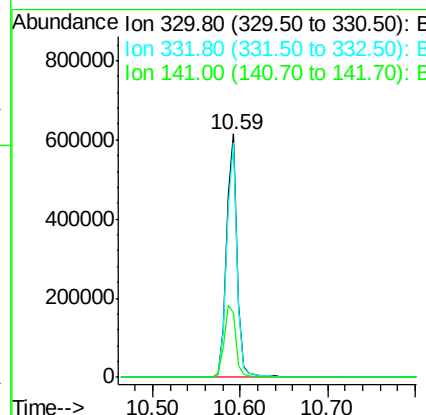
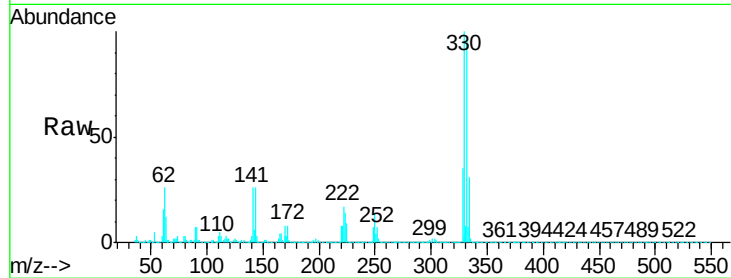




#42
2,4,6-Tribromophenol
Concen: 90.395 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000624.D
Acq: 10 Oct 2019 18:28

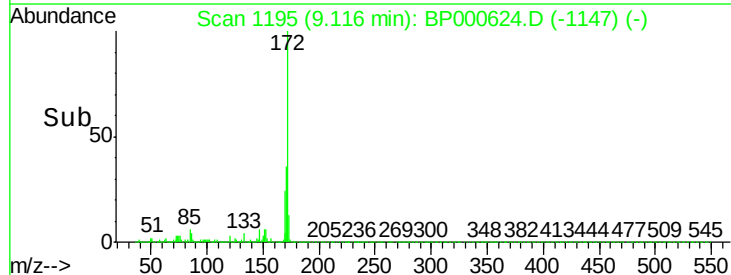
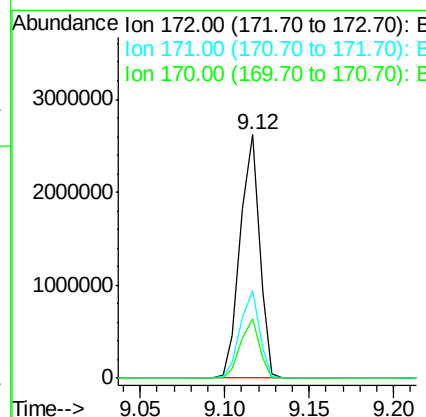
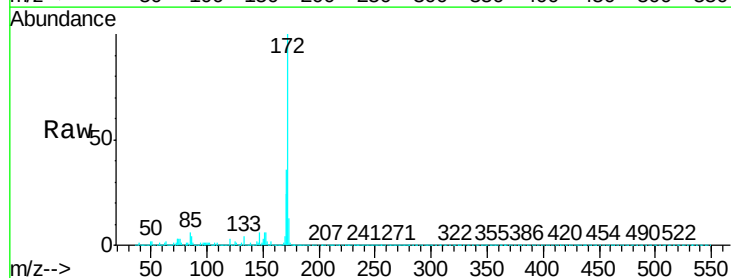
Instrument :
BNA_P
ClientSampleId :
TP-4

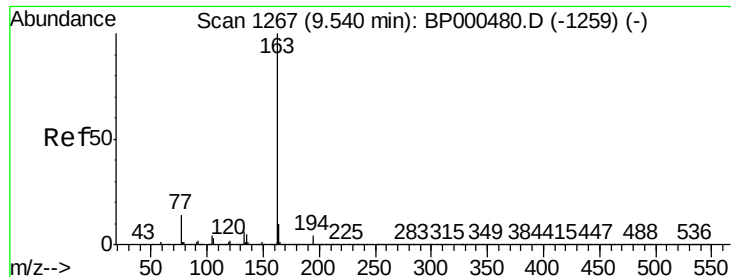
Tgt Ion:330 Resp: 516783
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 32.9 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 63.254 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000624.D
Acq: 10 Oct 2019 18:28

Tgt Ion:172 Resp: 2097370
Ion Ratio Lower Upper
172 100
171 36.2 28.4 42.6
170 24.3 19.1 28.7

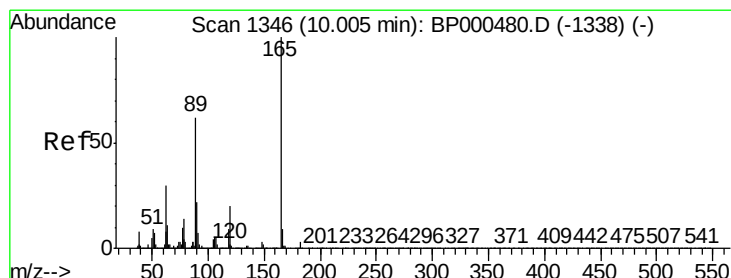
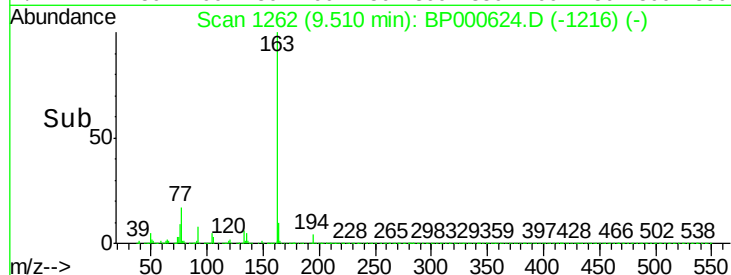
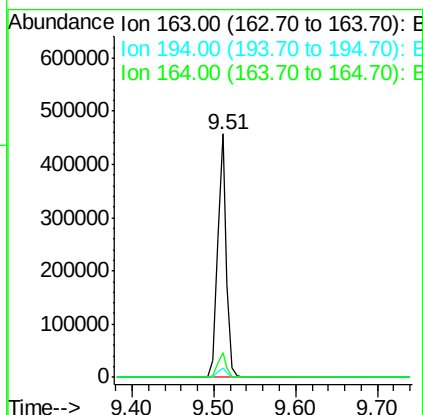
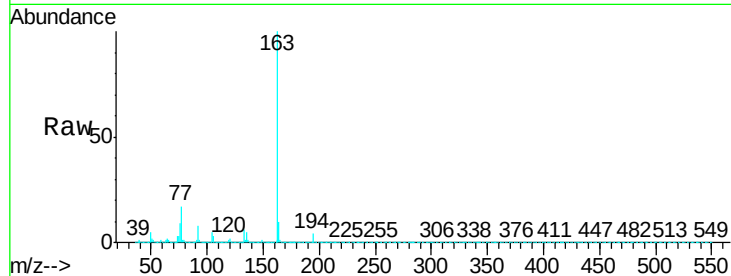




#50
Dimethylphthalate
Concen: 9.010 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000624.D
Acq: 10 Oct 2019 18:28

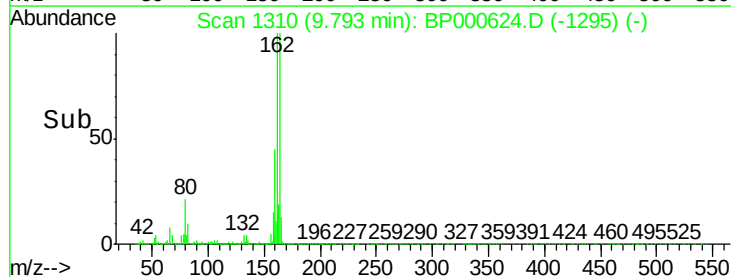
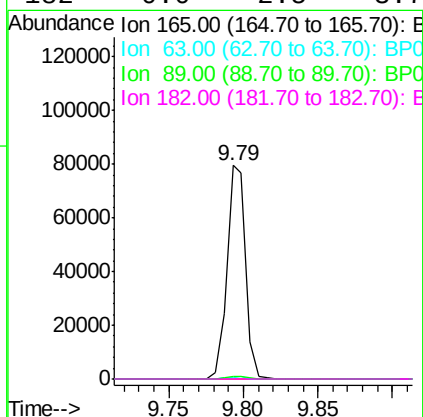
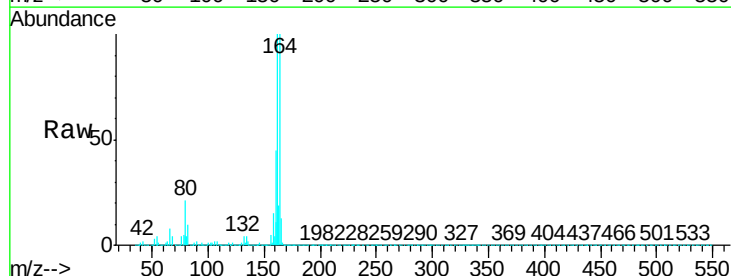
Instrument :
BNA_P
ClientSampleId :
TP-4

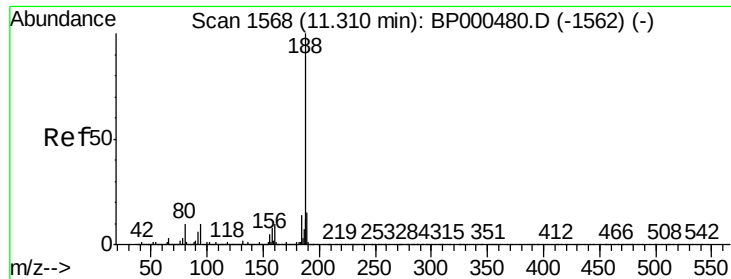
Tgt Ion:163 Resp: 335874
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.0 8.0 12.0



#57
2,4-Dinitrotoluene
Concen: 6.523 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.21 min
Lab File: BP000624.D
Acq: 10 Oct 2019 18:28

Tgt Ion:165 Resp: 70307
Ion Ratio Lower Upper
165 100
63 0.8 24.2 36.4#
89 1.2 49.4 74.0#
182 0.0 2.5 3.7#

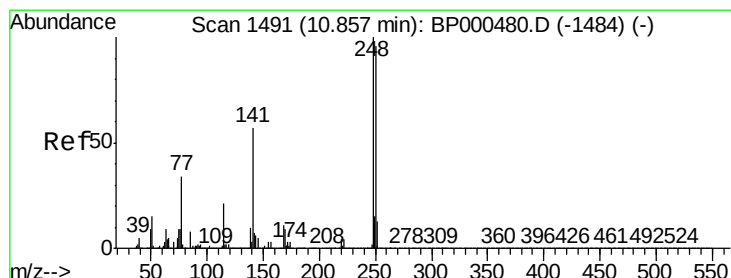
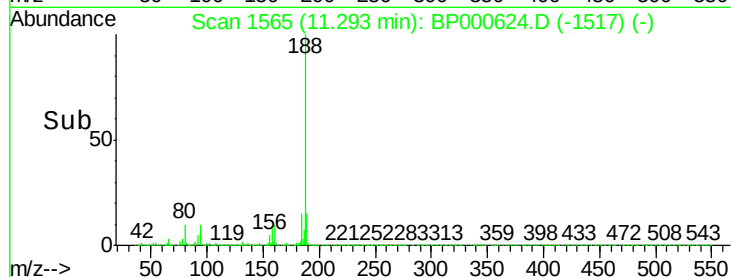
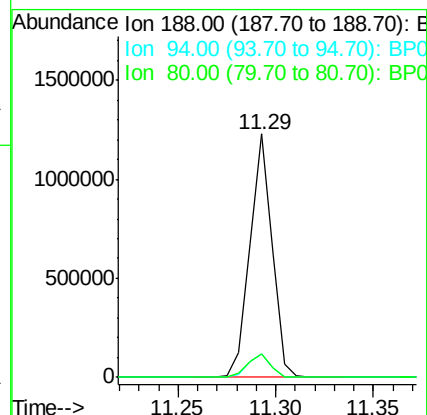
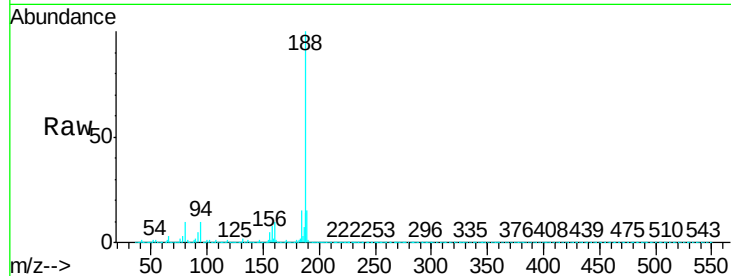




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000624.D
Acq: 10 Oct 2019 18:28

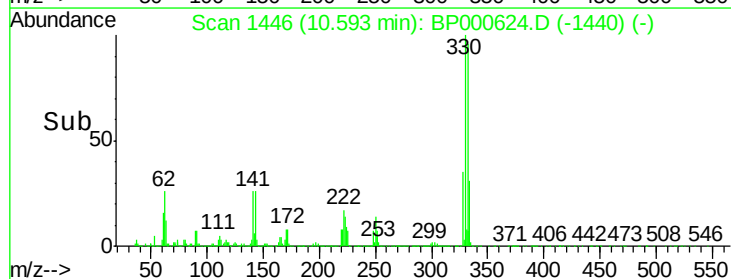
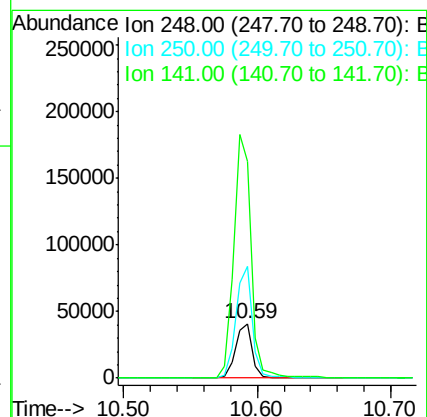
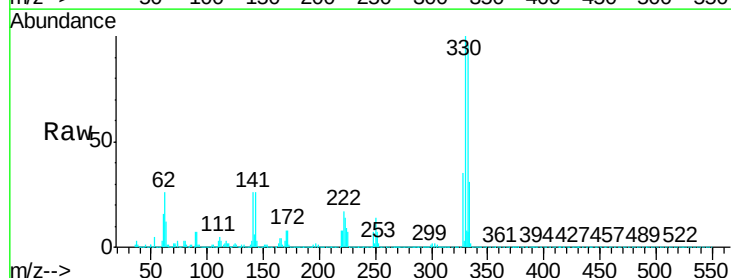
Instrument :
BNA_P
ClientSampleId :
TP-4

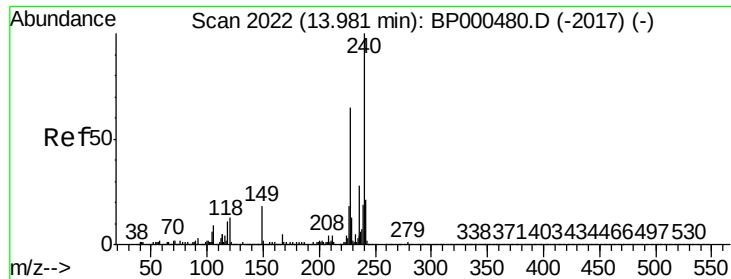
Tgt Ion:188 Resp: 966061
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.2
80 9.6 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 3.335 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.26 min
Lab File: BP000624.D
Acq: 10 Oct 2019 18:28

Tgt Ion:248 Resp: 36271
Ion Ratio Lower Upper
248 100
250 204.5 77.2 115.8#
141 398.5 45.3 67.9#

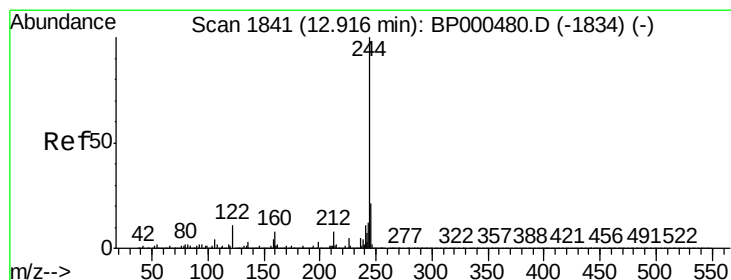
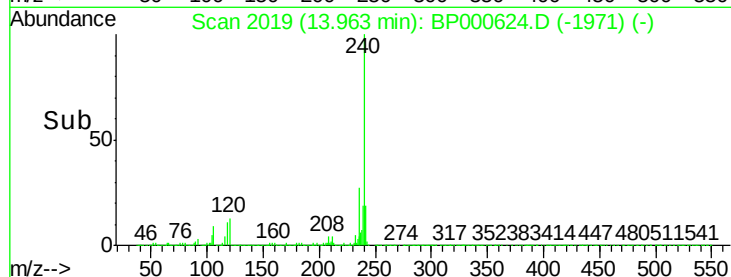
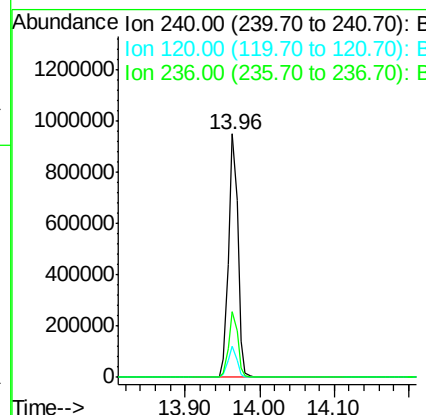
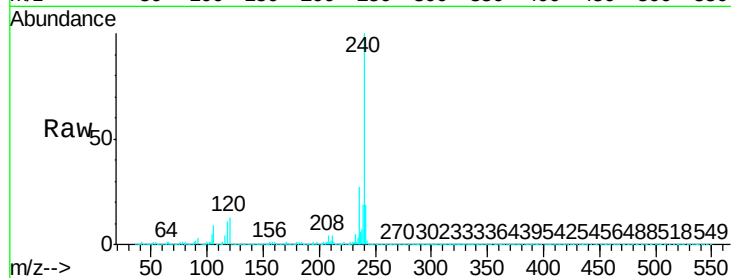




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BP000624.D
Acq: 10 Oct 2019 18:28

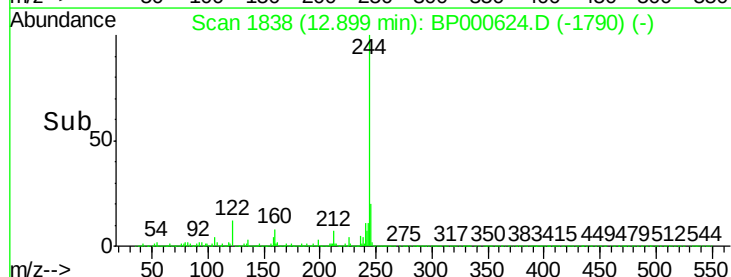
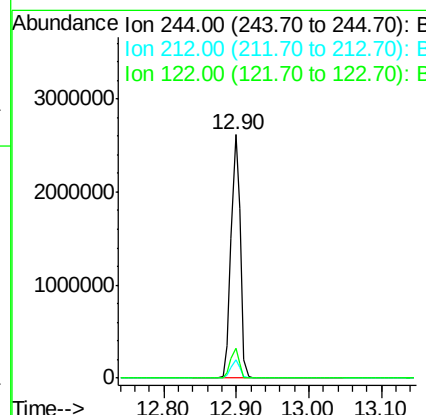
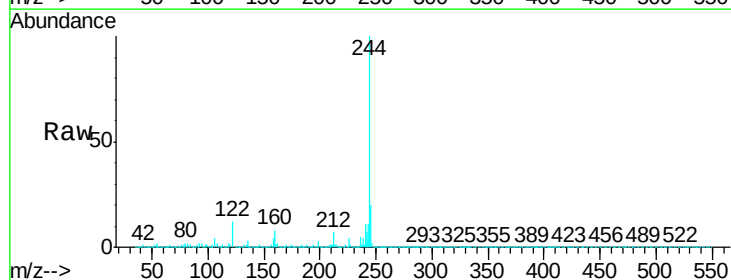
Instrument :
BNA_P
ClientSampleId :
TP-4

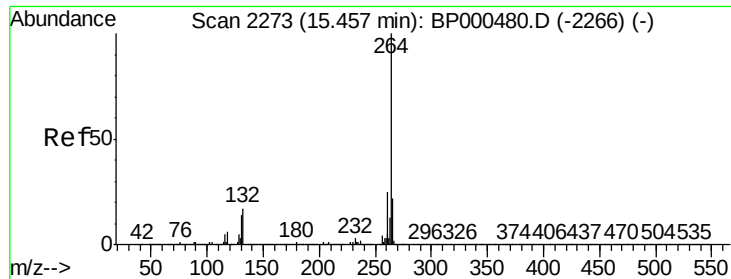
Tgt Ion:240 Resp: 825880
Ion Ratio Lower Upper
240 100
120 12.7 10.1 15.1
236 26.9 22.7 34.1



#79
Terphenyl-d14
Concen: 56.772 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BP000624.D
Acq: 10 Oct 2019 18:28

Tgt Ion:244 Resp: 2315733
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 12.0 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: BP000624.D
Acq: 10 Oct 2019 18:28

Instrument :
BNA_P
ClientSampleId :
TP-4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.3	30.5
265	21.4	18.0	27.0

