

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100719\
 Data File : BP000548.D
 Acq On : 07 Oct 2019 17:19
 Operator : JU
 Sample : K5213-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-1(5-10)

Quant Time: Oct 07 18:26:25 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

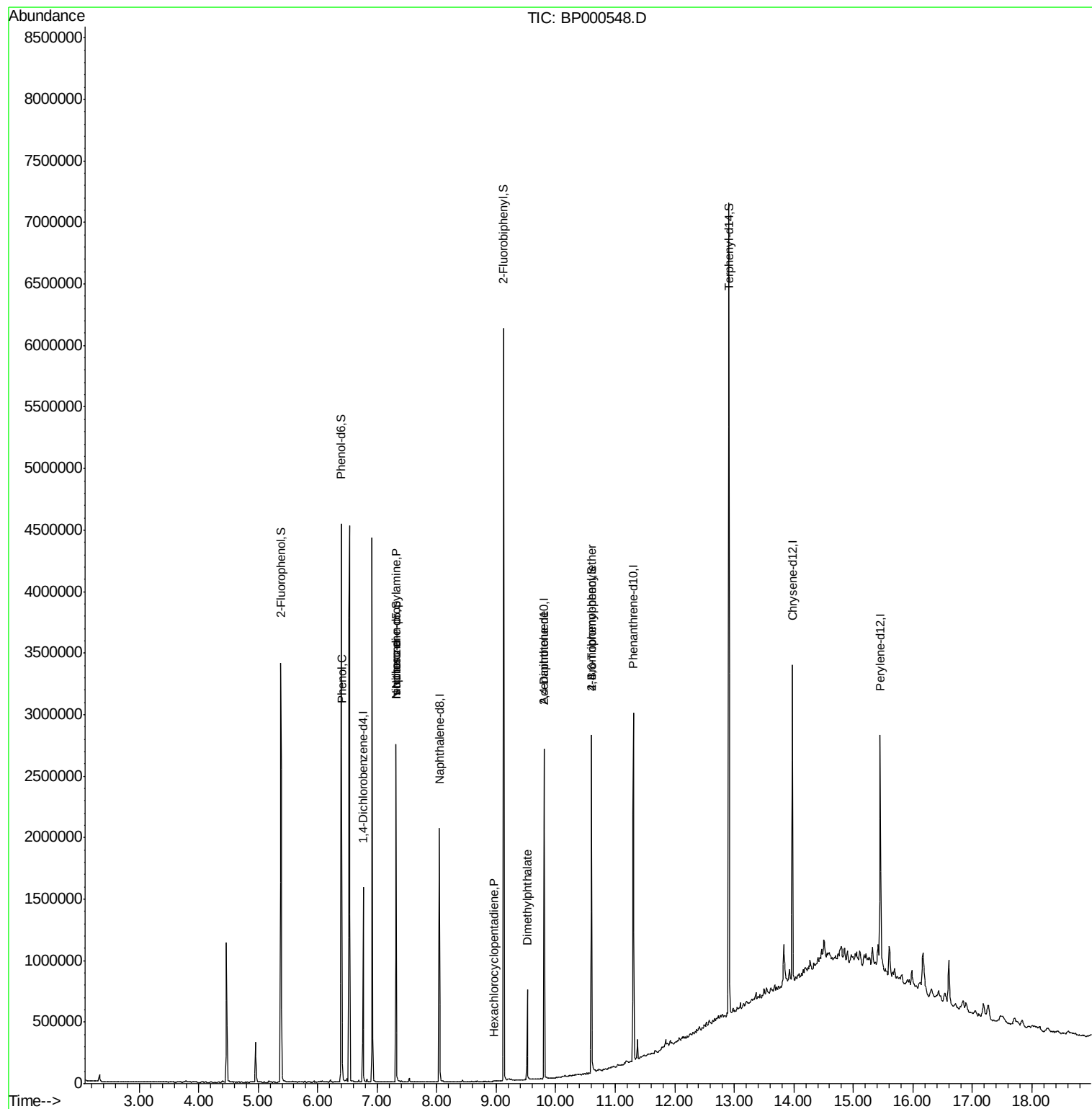
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	247709	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	913413	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	517783	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	947297	20.00	ng	0.00
76) Chrysene-d12	13.97	240	792945	20.00	ng	0.00
87) Perylene-d12	15.45	264	895801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1058056	68.66	ng	-0.01
7) Phenol-d6	6.40	99	1668844	89.87	ng	-0.01
23) Nitrobenzene-d5	7.32	82	905671	60.56	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	316807	57.42	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	1935416	60.48	ng	-0.01
79) Terphenyl-d14	12.91	244	2147339	54.83	ng	0.00
Target Compounds						
10) Phenol	6.41	94	68704	3.614	ng	94
19) n-Nitroso-di-n-propylamine	7.32	70	111146	12.985	ng	# 75
25) Isophorone	7.32	82	905583	34.118	ng	# 61
41) Hexachlorocyclopentadiene	8.96	237	13	7.299	ng	84
50) Dimethylphthalate	9.52	163	298333	8.292	ng	100
57) 2,4-Dinitrotoluene	9.80	165	68749	6.609	ng	# 31
67) 4-Bromophenyl-phenylether	10.60	248	21896	2.053	ng	# 1

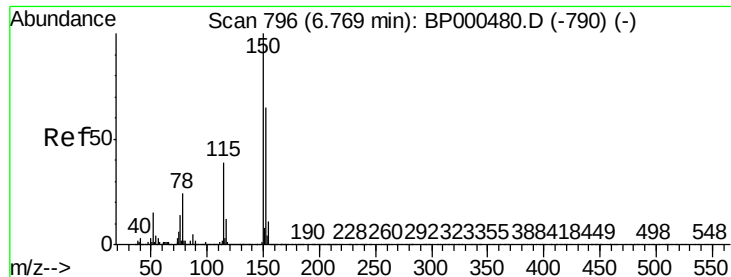
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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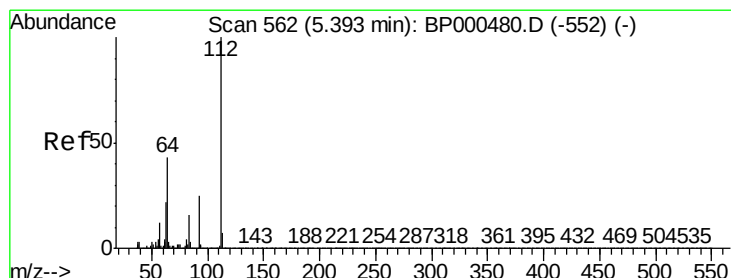
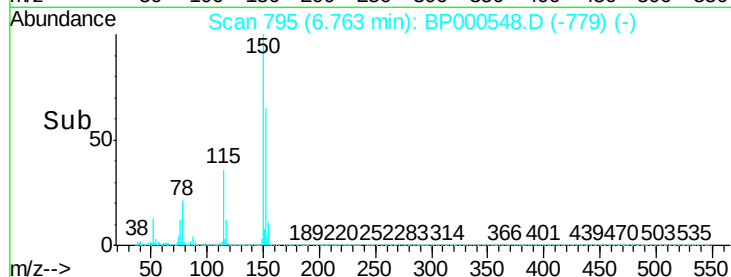
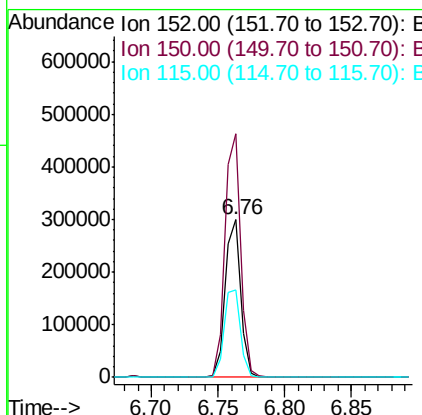
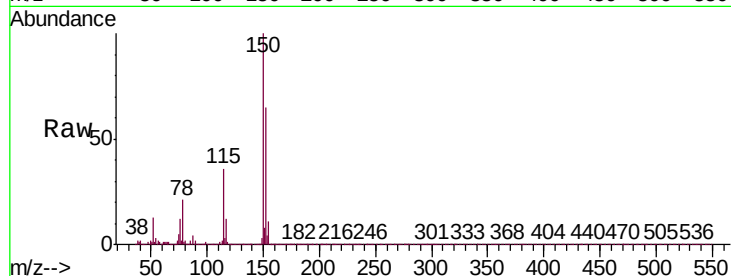


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BP000548.D
Acq: 07 Oct 2019 17:19

Instrument :
BNA_P
ClientSampleId :
S-1(5-10)

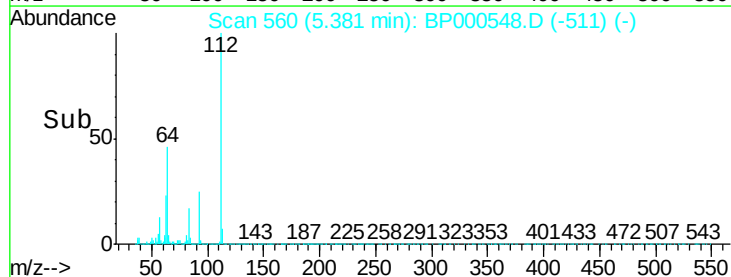
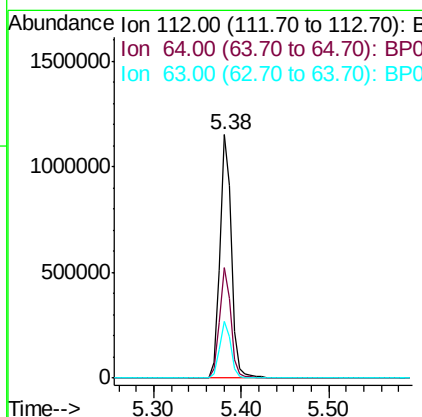
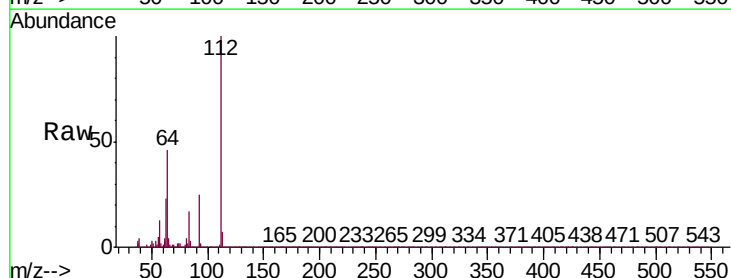
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.1	186.1
115	55.5	48.7	73.1

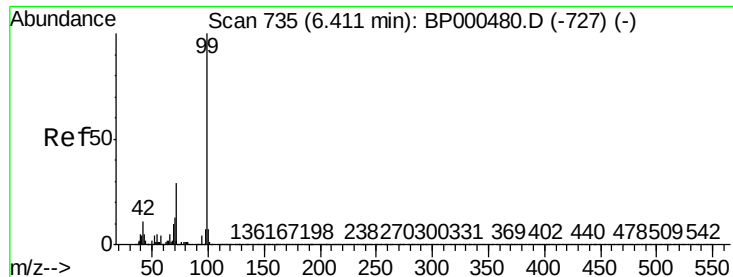


#5

2-Fluorophenol
Concen: 68.660 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BP000548.D
Acq: 07 Oct 2019 17:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.6	34.2	51.4
63	23.4	17.9	26.9





#7

Phenol-d6

Concen: 89.868 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BP000548.D

Acq: 07 Oct 2019 17:19

Instrument :

BNA_P

ClientSampleId :

S-1(5-10)

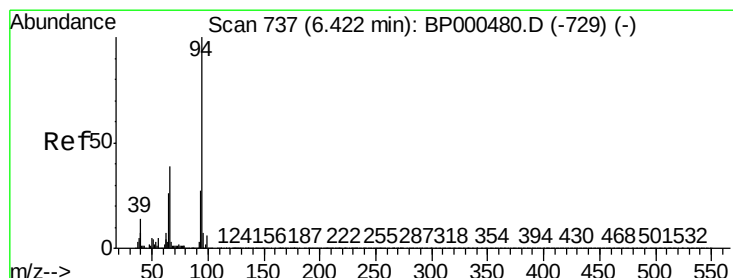
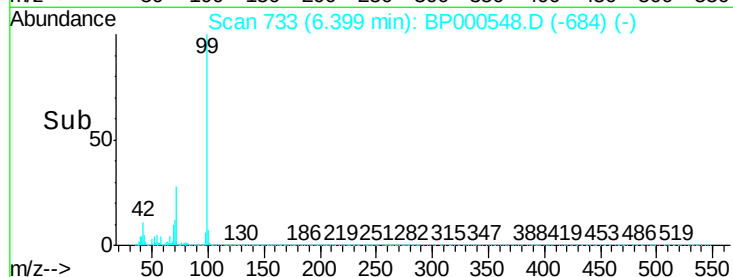
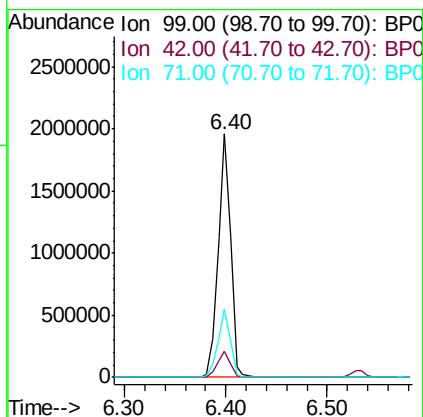
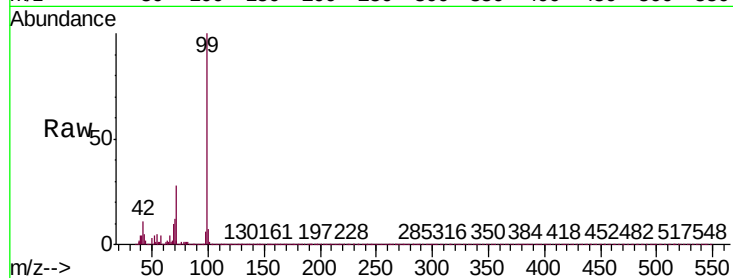
Tgt Ion: 99 Resp: 1668844

Ion Ratio Lower Upper

99 100

42 10.8 8.6 12.8

71 28.0 23.0 34.4



#10

Phenol

Concen: 3.614 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BP000548.D

Acq: 07 Oct 2019 17:19

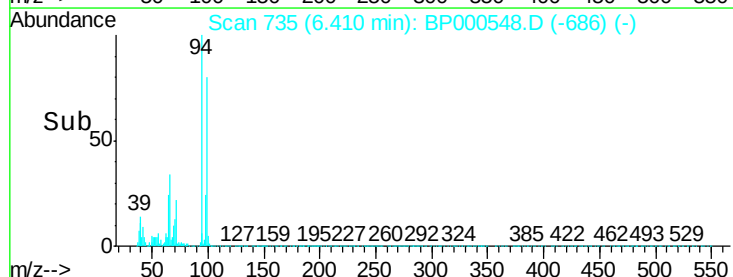
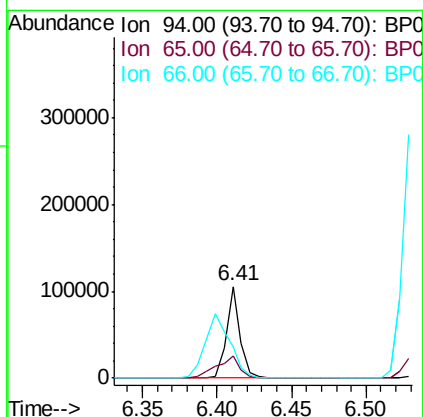
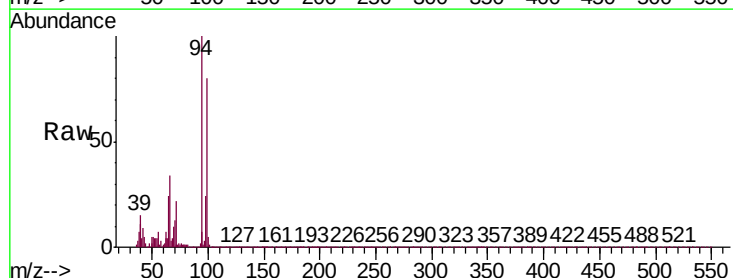
Tgt Ion: 94 Resp: 68704

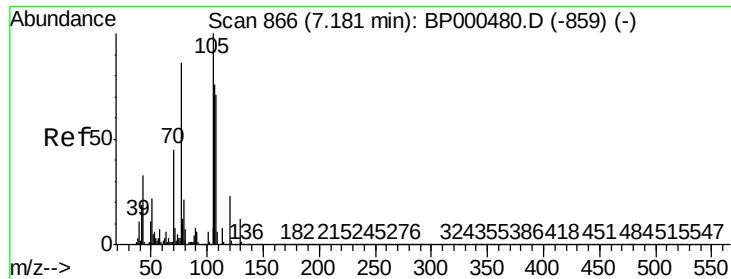
Ion Ratio Lower Upper

94 100

65 23.7 5.9 45.9

66 34.2 18.8 58.8

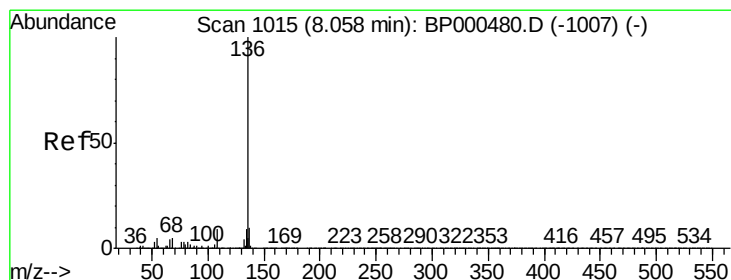
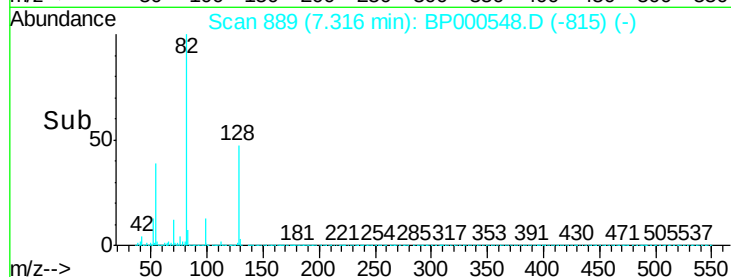
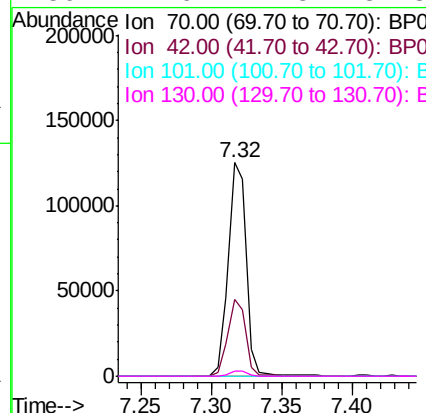
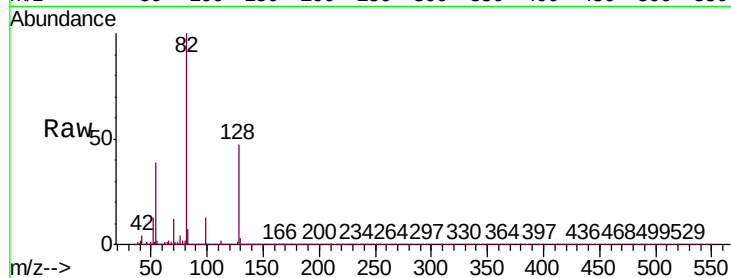




#19
n-Nitroso-di-n-propylamine
Concen: 12.985 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.14 min
Lab File: BP000548.D
Acq: 07 Oct 2019 17:19

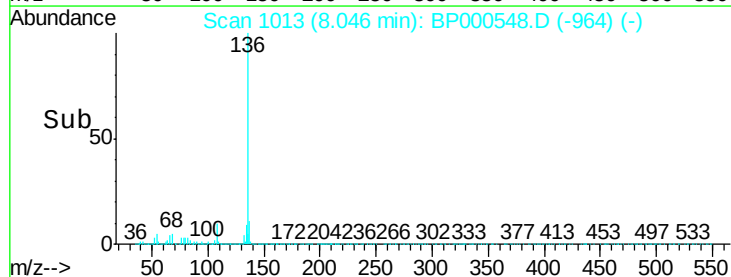
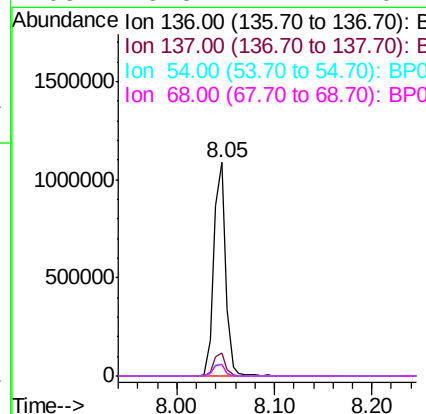
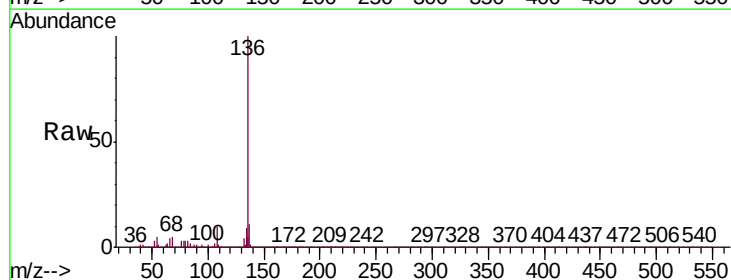
Instrument :
BNA_P
ClientSampleId :
S-1(5-10)

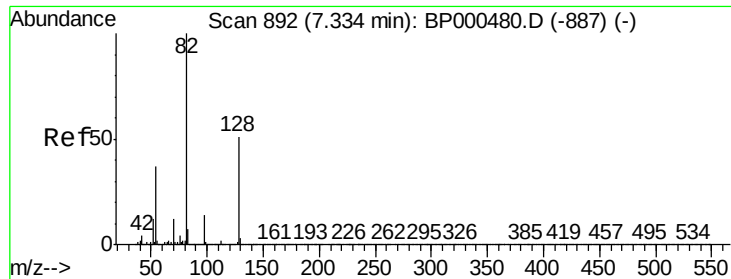
Tgt Ion:	70	Resp:	111146
Ion	Ratio	Lower	Upper
70	100		
42	36.0	33.2	49.8
101	0.0	9.9	14.9#
130	2.6	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BP000548.D
Acq: 07 Oct 2019 17:19

Tgt Ion:	136	Resp:	913413
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	5.5	4.1	6.1
68	5.3	4.1	6.1

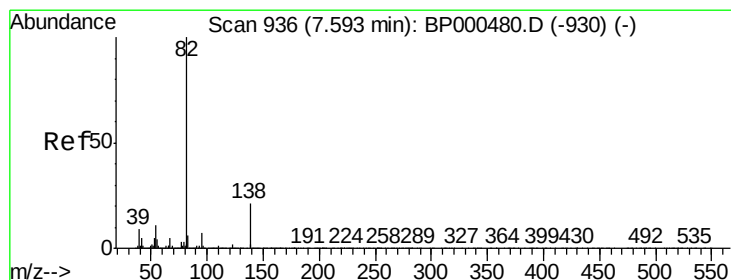
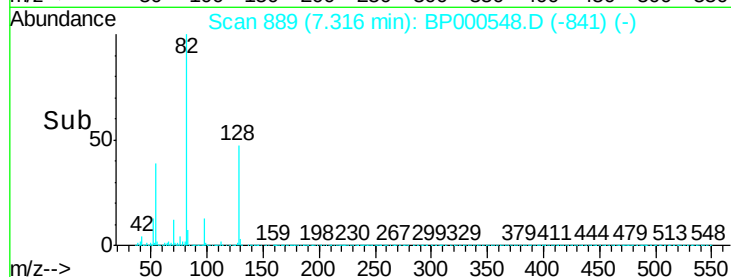
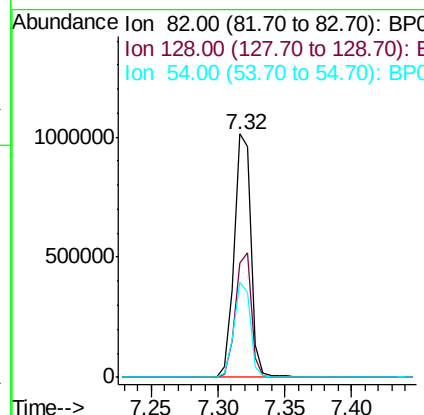
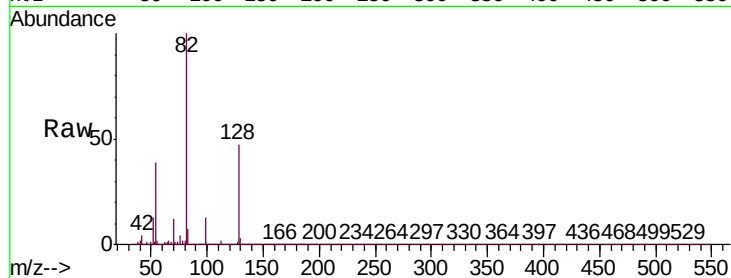




#23
 Nitrobenzene-d5
 Concen: 60.558 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.02 min
 Lab File: BP000548.D
 Acq: 07 Oct 2019 17:19

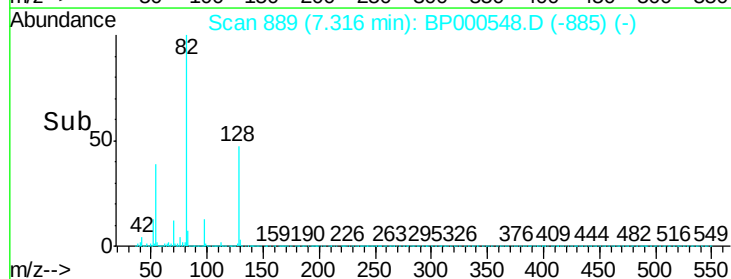
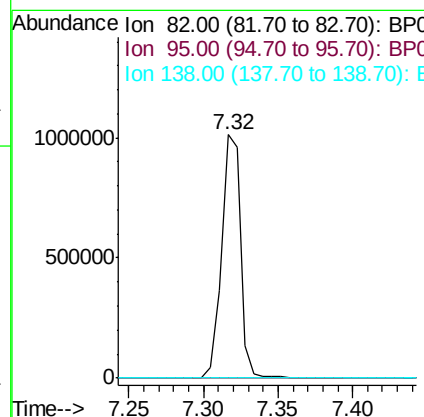
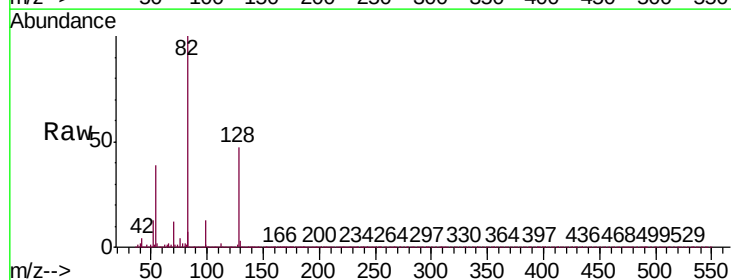
Instrument :
 BNA_P
 ClientSampleId :
 S-1(5-10)

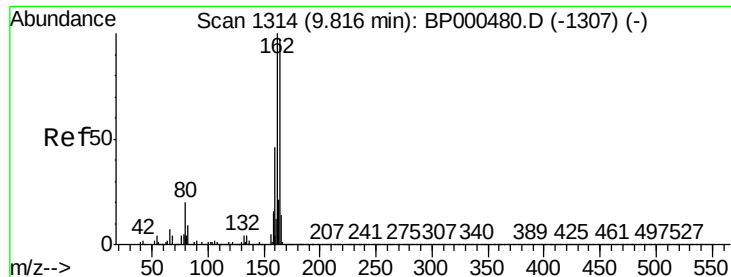
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.0	40.9	61.3
54	38.9	29.4	44.2



#25
 Isophorone
 Concen: 34.118 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.28 min
 Lab File: BP000548.D
 Acq: 07 Oct 2019 17:19

Tgt 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: BP000548.D

Acq: 07 Oct 2019 17:19

Instrument :

BNA_P

ClientSampleId :

S-1(5-10)

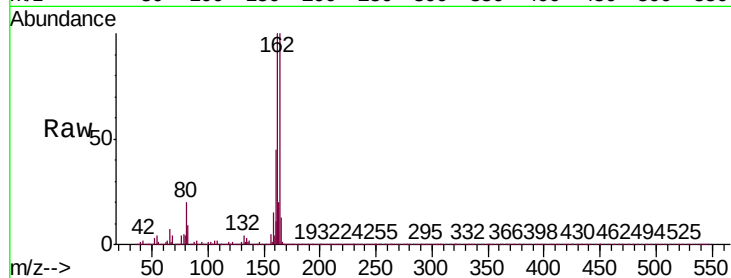
Tgt Ion:164 Resp: 517783

Ion Ratio Lower Upper

164 100

162 99.5 82.2 123.2

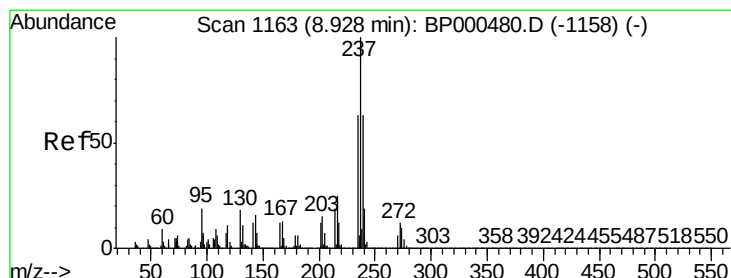
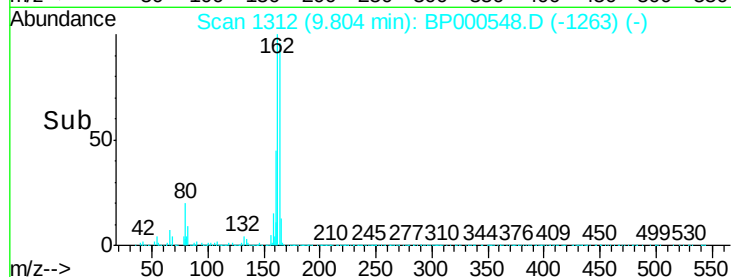
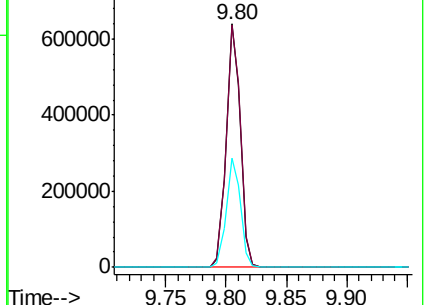
160 44.8 37.6 56.4



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: 7.299 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.04 min

Lab File: BP000548.D

Acq: 07 Oct 2019 17:19

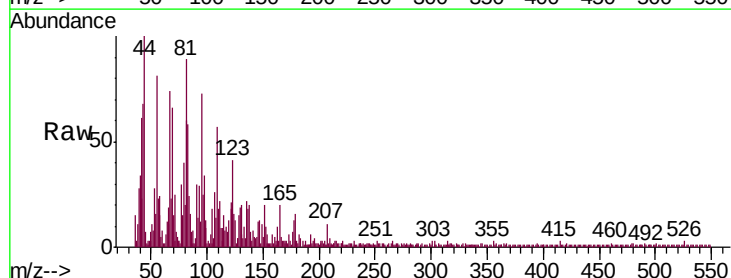
Tgt Ion:237 Resp: 13

Ion Ratio Lower Upper

237 100

235 53.1 42.9 82.9

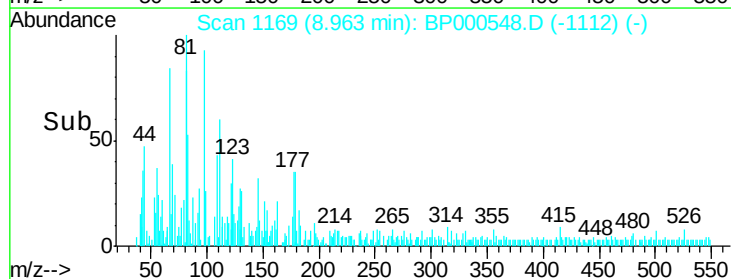
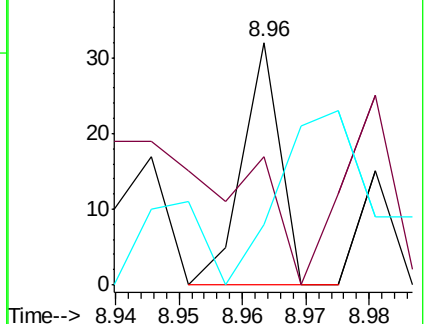
272 25.0 0.0 32.4

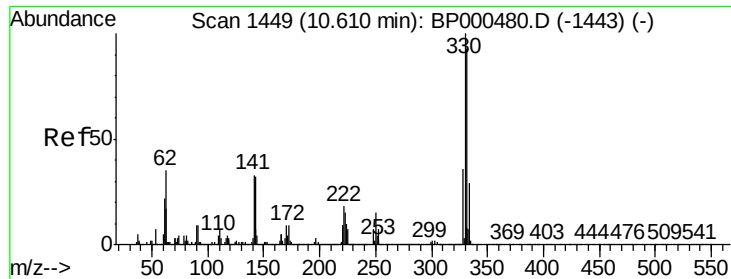


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

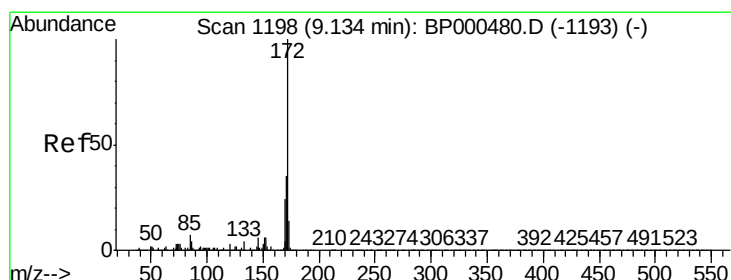
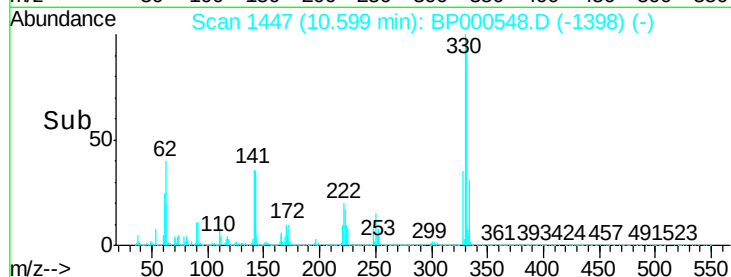
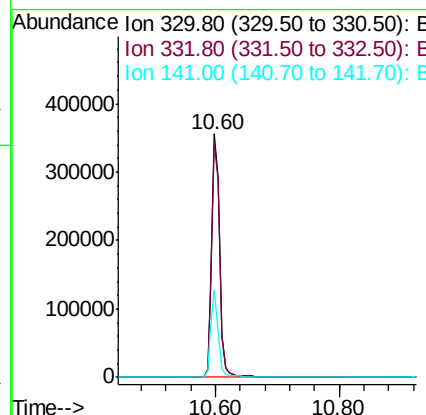
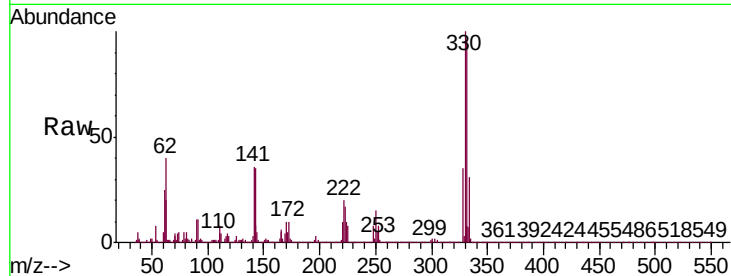




#42
 2,4,6-Tribromophenol
 Concen: 57.418 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BP000548.D
 Acq: 07 Oct 2019 17:19

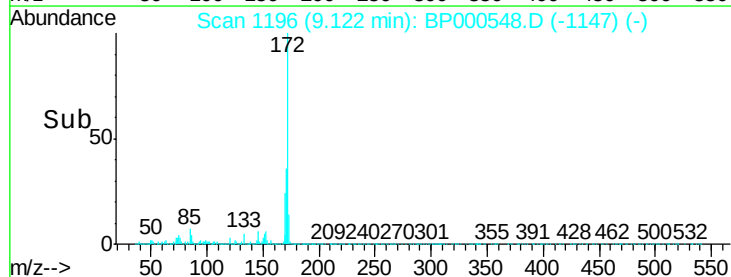
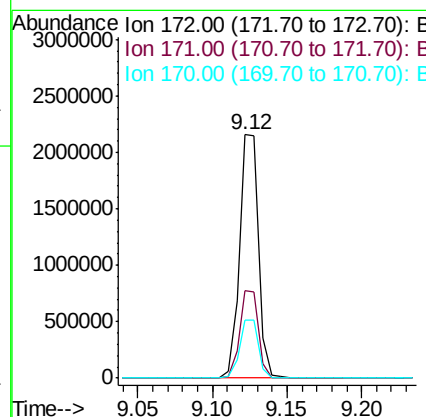
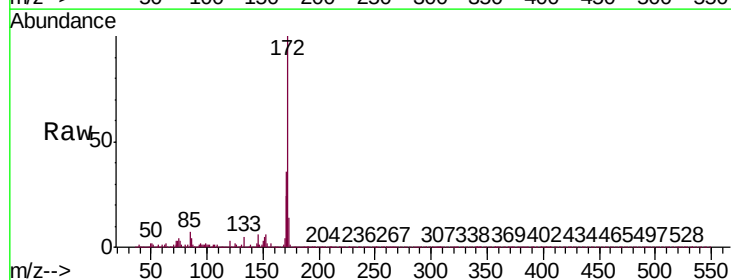
Instrument :
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 S-1(5-10)

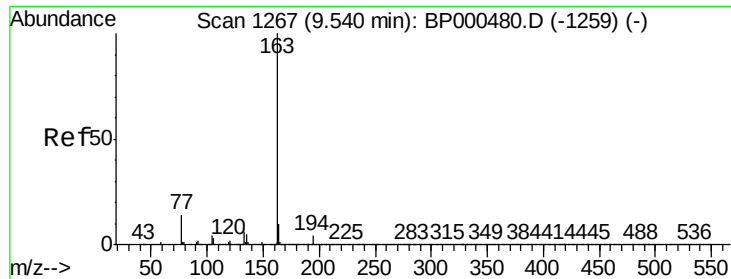
Tgt Ion:330 Resp: 316807
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.1 115.7
 141 33.4 26.0 39.0



#45
 2-Fluorobiphenyl
 Concen: 60.479 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BP000548.D
 Acq: 07 Oct 2019 17:19

Tgt Ion:172 Resp: 1935416
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.4 42.6
 170 23.7 19.1 28.7

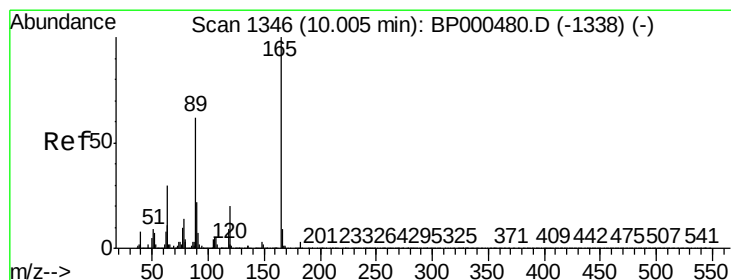
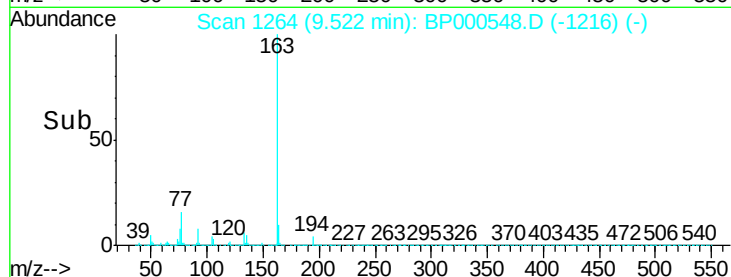
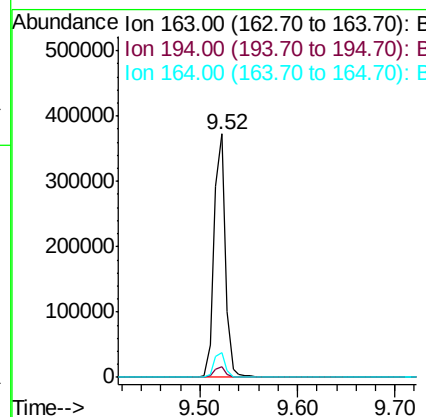
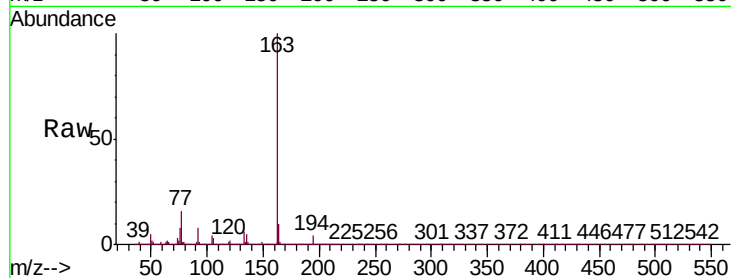




#50
Dimethylphthalate
Concen: 8.292 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BP000548.D
Acq: 07 Oct 2019 17:19

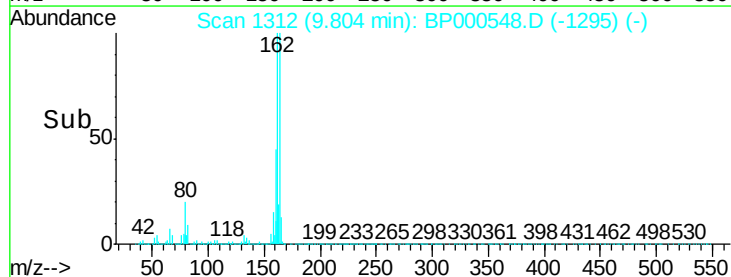
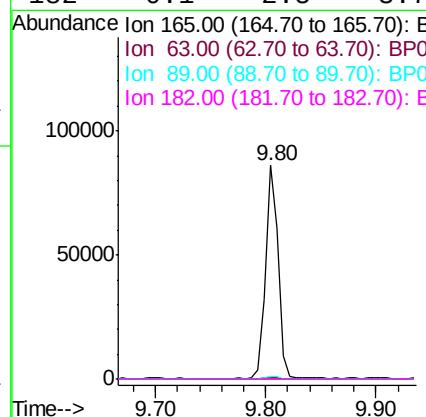
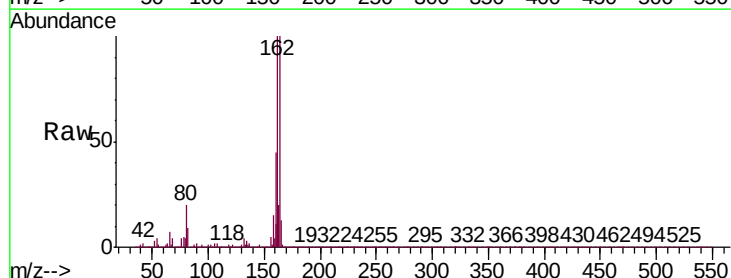
Instrument :
BNA_P
ClientSampleId :
S-1(5-10)

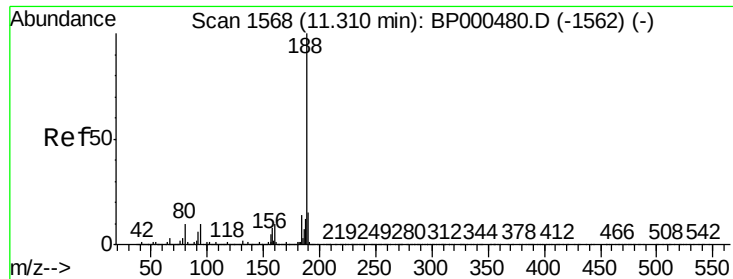
Tgt Ion:	163	Resp:	298333
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.4	5.2
164	10.0	8.0	12.0



#57
2,4-Dinitrotoluene
Concen: 6.609 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.20 min
Lab File: BP000548.D
Acq: 07 Oct 2019 17:19

Tgt Ion:	165	Resp:	68749
Ion Ratio	Lower	Upper	
165	100		
63	0.9	24.2	36.4#
89	1.3	49.4	74.0#
182	0.1	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: BP000548.D

Acq: 07 Oct 2019 17:19

Instrument :

BNA_P

ClientSampleId :

S-1(5-10)

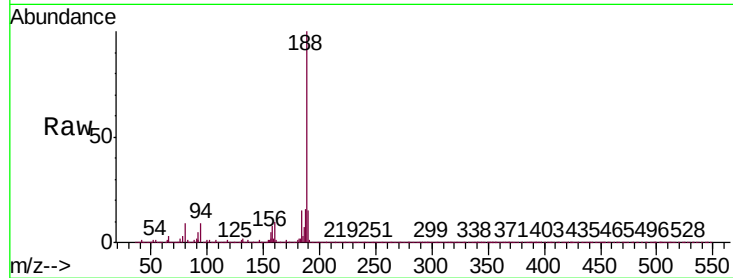
Tgt Ion:188 Resp: 947297

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.2

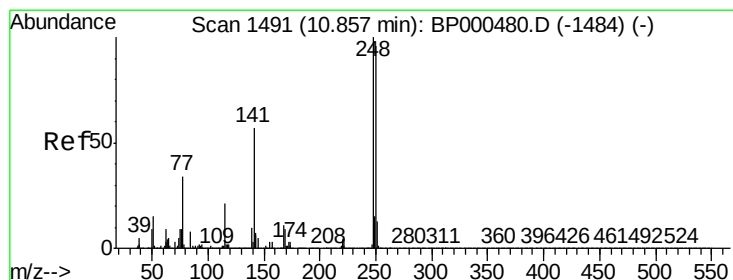
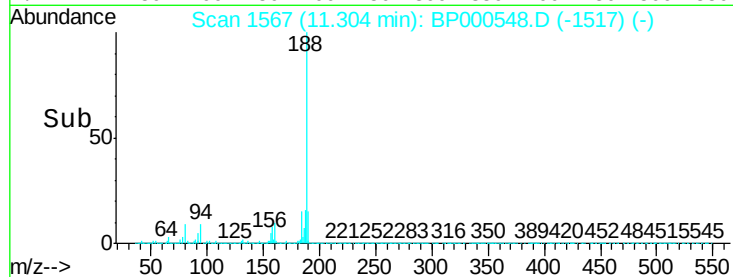
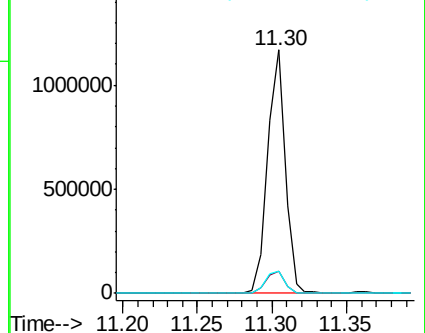
80 9.1 8.3 12.5



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: 2.053 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.26 min

Lab File: BP000548.D

Acq: 07 Oct 2019 17:19

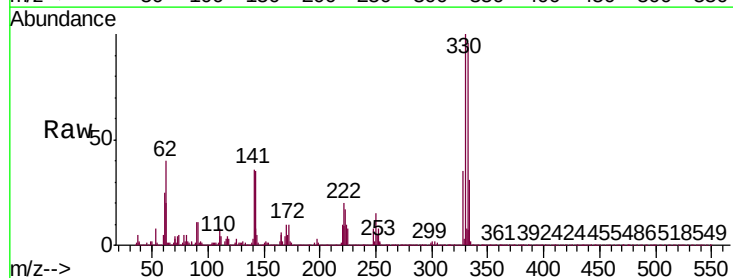
Tgt Ion:248 Resp: 21896

Ion Ratio Lower Upper

248 100

250 197.0 77.2 115.8#

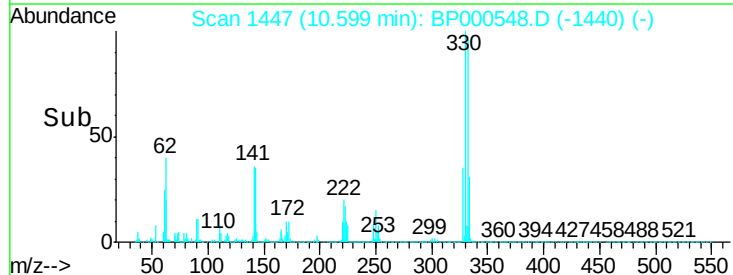
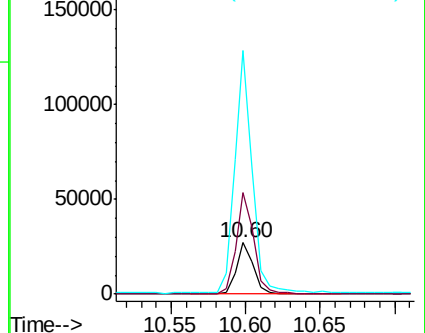
141 473.5 45.3 67.9#

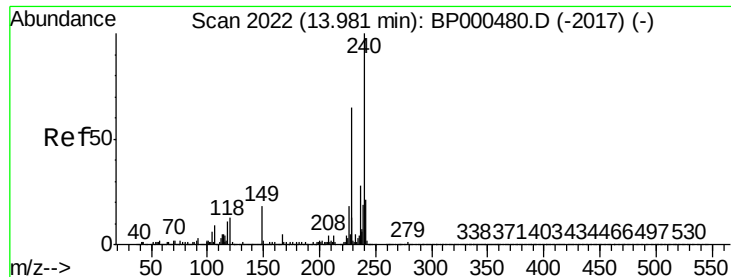


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

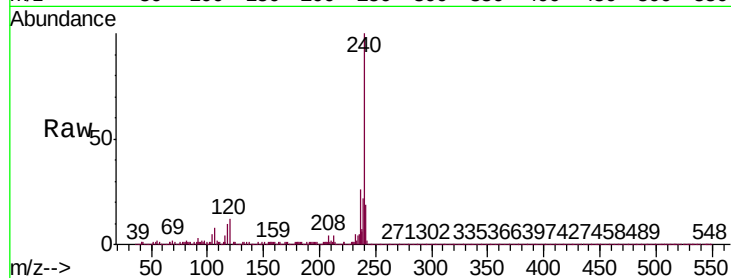




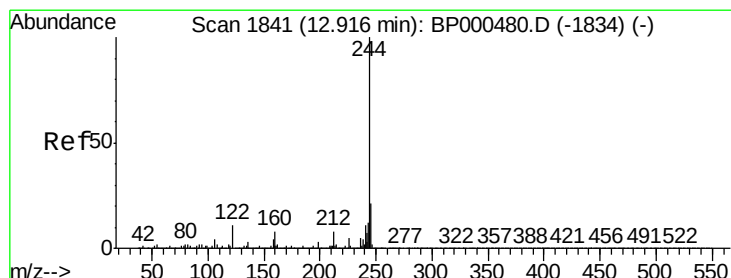
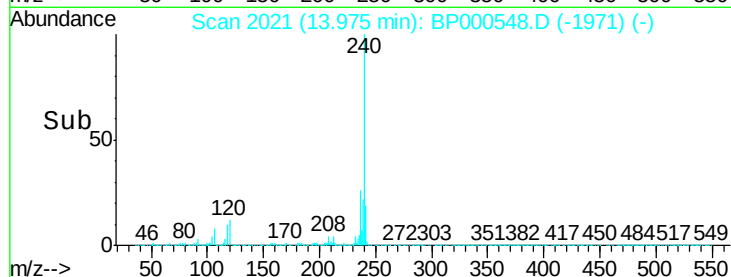
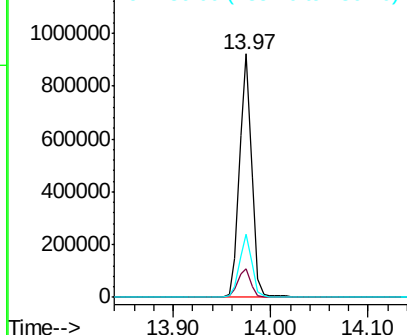
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000548.D
Acq: 07 Oct 2019 17:19

Instrument :
BNA_P
ClientSampleId :
S-1(5-10)

Tgt Ion:240 Resp: 792945
Ion Ratio Lower Upper
240 100
120 11.7 10.1 15.1
236 26.2 22.7 34.1

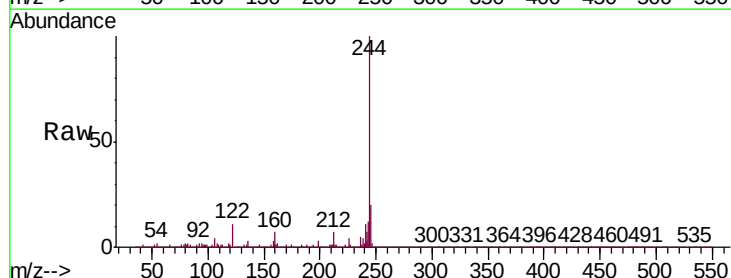


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

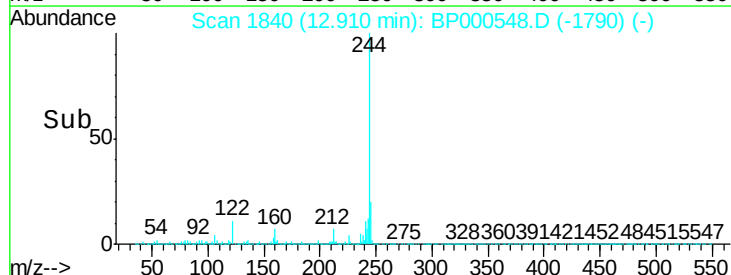
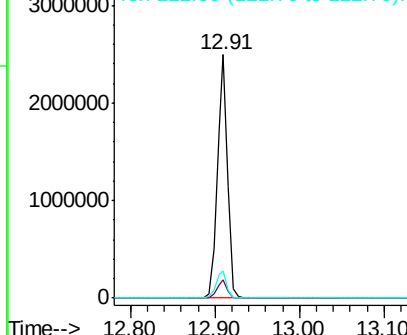


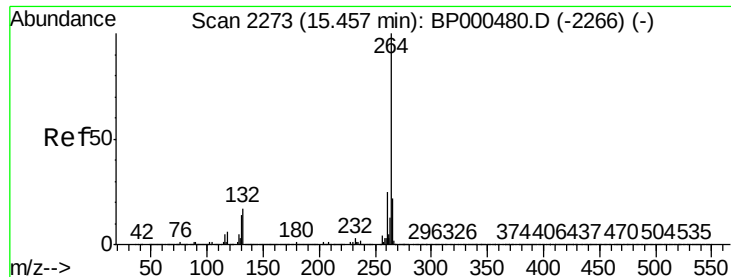
#79
Terphenyl-d14
Concen: 54.831 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BP000548.D
Acq: 07 Oct 2019 17:19

Tgt Ion:244 Resp: 2147339
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 11.3 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
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP000548.D
Acq: 07 Oct 2019 17:19

Instrument :
BNA_P
ClientSampleId :
S-1(5-10)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.3	30.5
265	22.0	18.0	27.0

