

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100719\
 Data File : BP000540.D
 Acq On : 07 Oct 2019 14:05
 Operator : JU
 Sample : K5231-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190765-SS-COMPOSITE-5

Quant Time: Oct 07 15:59:07 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

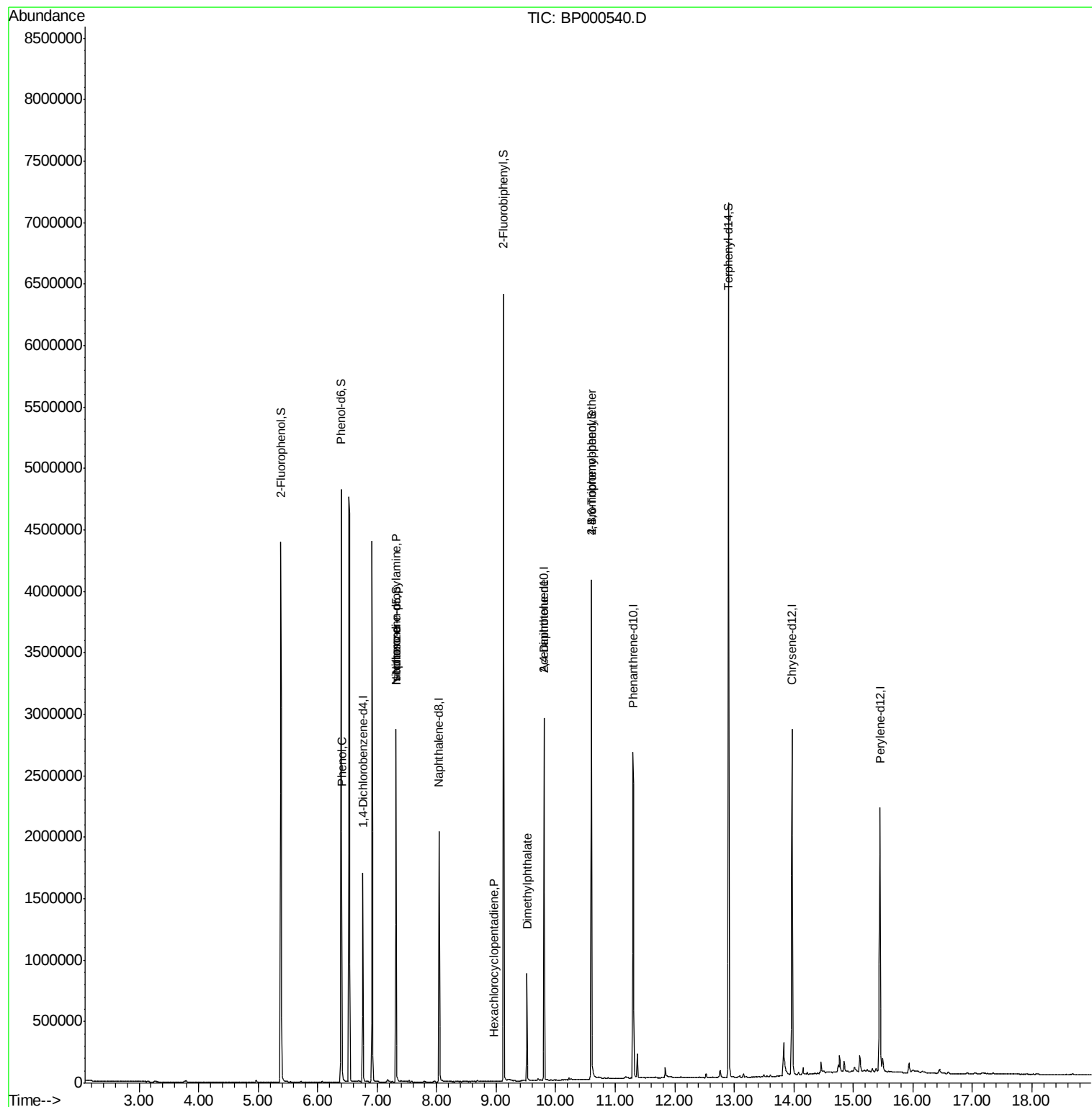
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	260487	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	952462	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	536415	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	988216	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	890220	20.00	ng	-0.01
87) Perylene-d12	15.45	264	974405	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1348039	83.19	ng	-0.01
7) Phenol-d6	6.40	99	1747528	89.49	ng	-0.01
23) Nitrobenzene-d5	7.32	82	921178	59.07	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	482202	84.36	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	1809397	54.58	ng	-0.01
79) Terphenyl-d14	12.90	244	2295957	52.22	ng	-0.01
Target Compounds						
10) Phenol	6.41	94	47635	2.382	ng	91
19) n-Nitroso-di-n-propylamine	7.32	70	112856	12.538	ng	# 74
25) Isophorone	7.32	82	921082	33.279	ng	# 61
41) Hexachlorocyclopentadiene	8.96	237	34	7.302	ng	89
50) Dimethylphthalate	9.52	163	340057	9.123	ng	99
57) 2,4-Dinitrotoluene	9.80	165	70505	6.542	ng	# 31
67) 4-Bromophenyl-phenylether	10.60	248	33625	3.023	ng	# 1

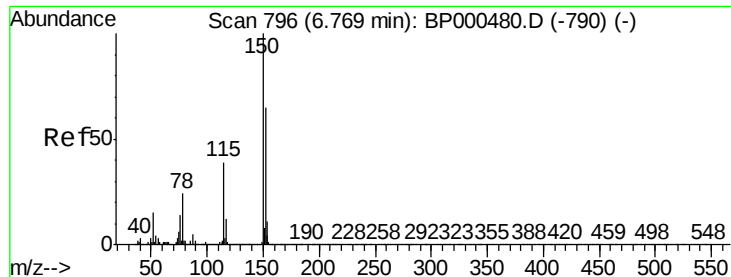
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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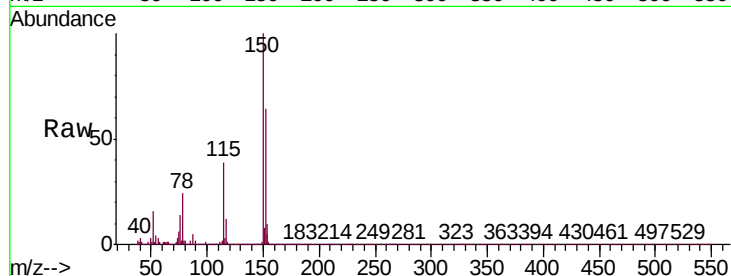


#1

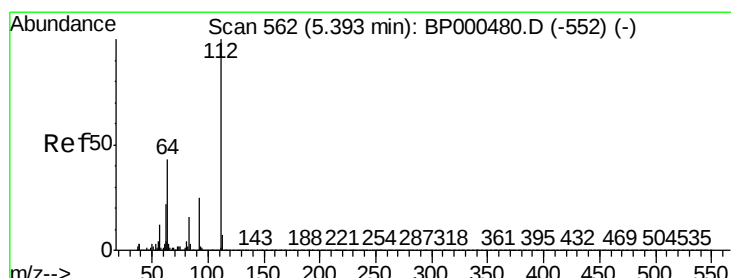
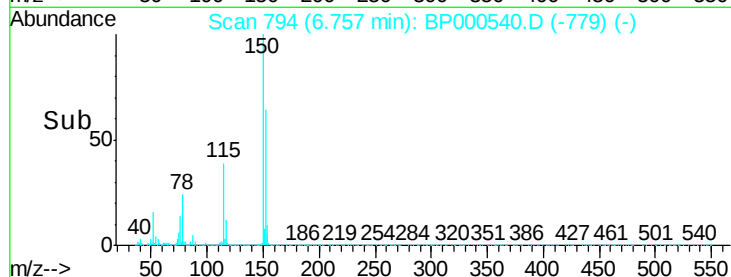
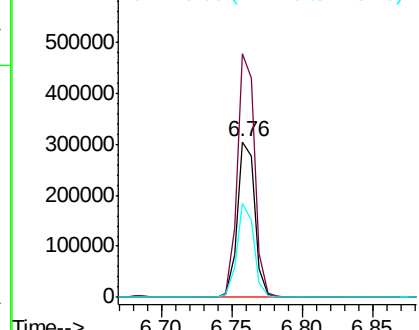
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BP000540.D
Acq: 07 Oct 2019 14:05

Instrument :
BNA_P
ClientSampleId :
20190765-SS-COMPOSITE-5

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.1	186.1
115	60.8	48.7	73.1



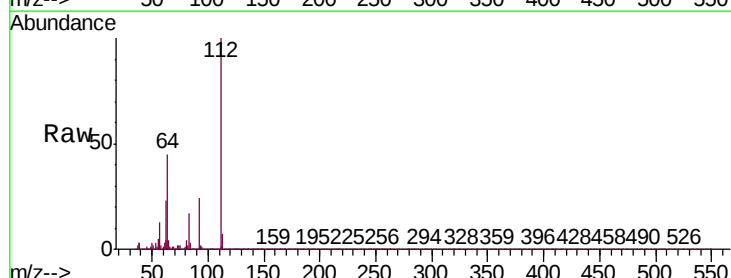
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



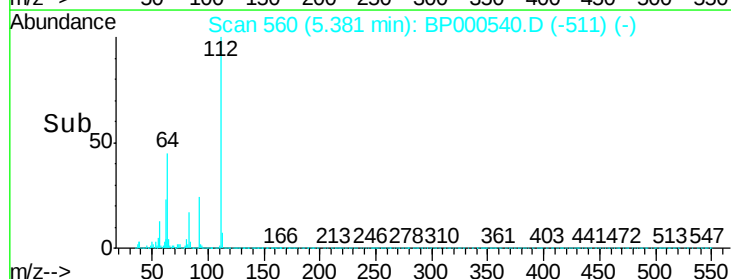
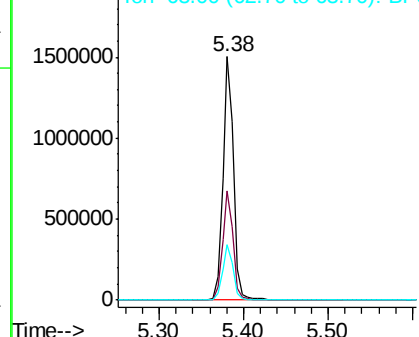
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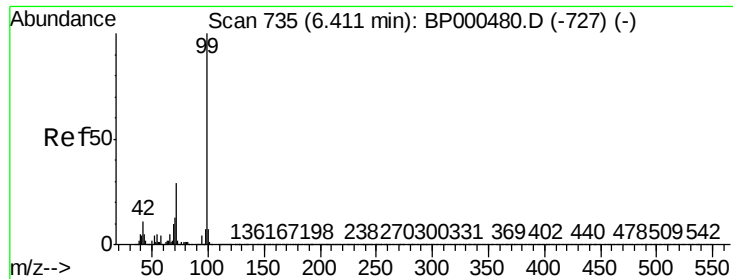
2-Fluorophenol
Concen: 83.186 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BP000540.D
Acq: 07 Oct 2019 14:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.7	34.2	51.4
63	22.8	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: 89.489 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BP000540.D

Acq: 07 Oct 2019 14:05

Instrument :

BNA_P

ClientSampleId :

20190765-SS-COMPOSITE-5

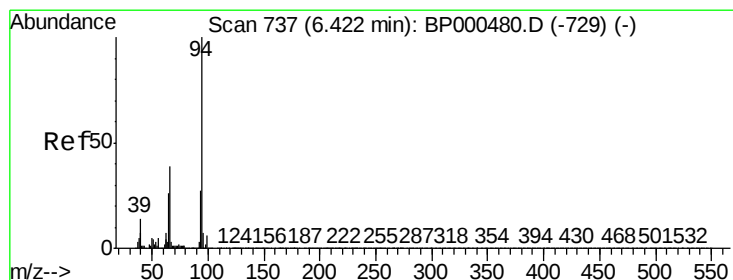
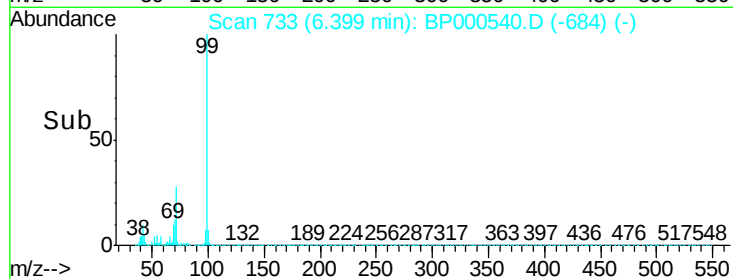
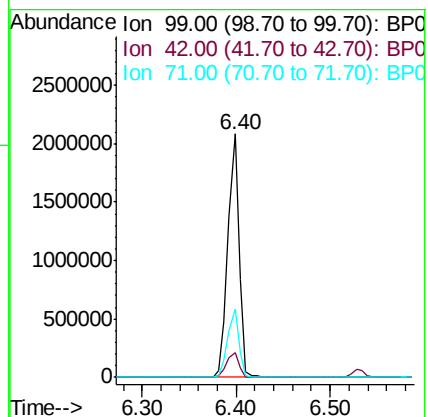
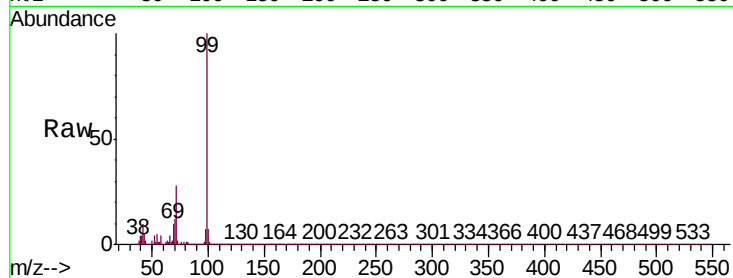
Tgt Ion: 99 Resp: 1747528

Ion Ratio Lower Upper

99 100

42 10.4 8.6 12.8

71 27.9 23.0 34.4



#10

Phenol

Concen: 2.382 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BP000540.D

Acq: 07 Oct 2019 14:05

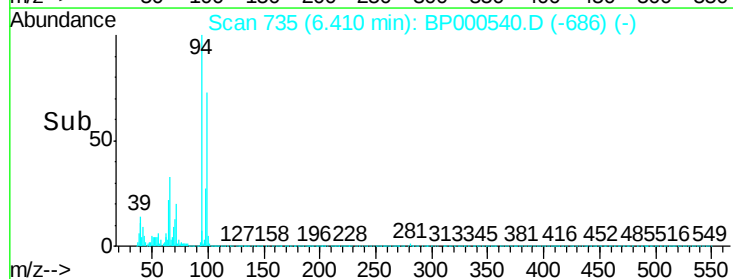
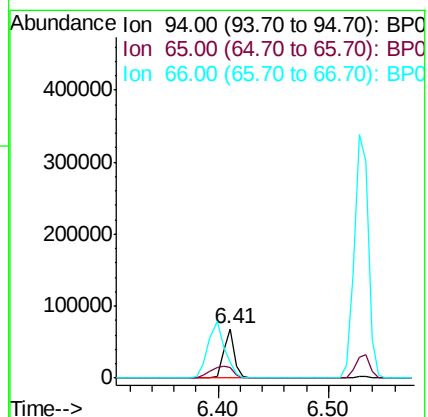
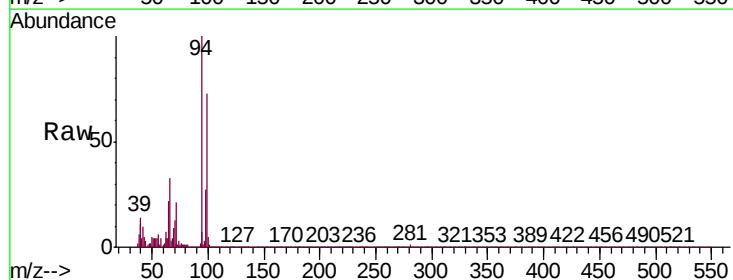
Tgt Ion: 94 Resp: 47635

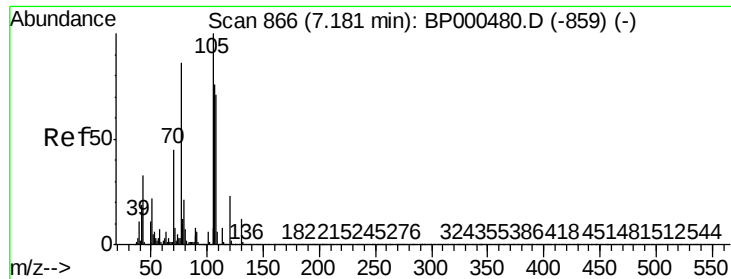
Ion Ratio Lower Upper

94 100

65 22.5 5.9 45.9

66 32.8 18.8 58.8

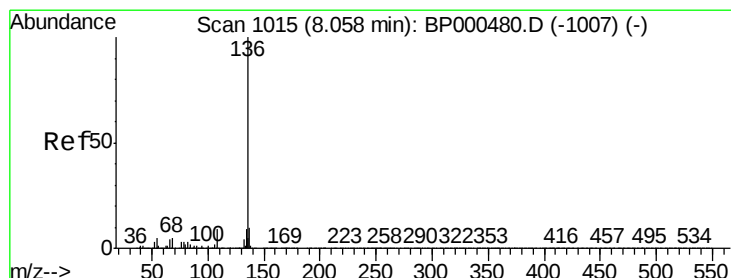
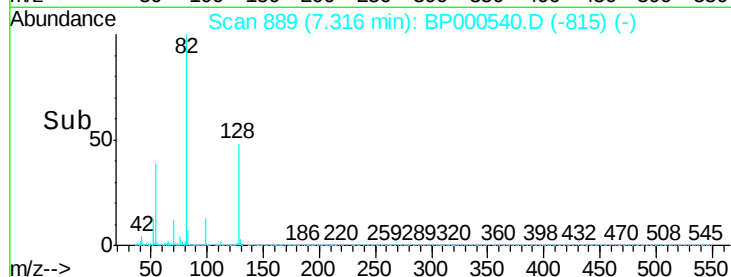
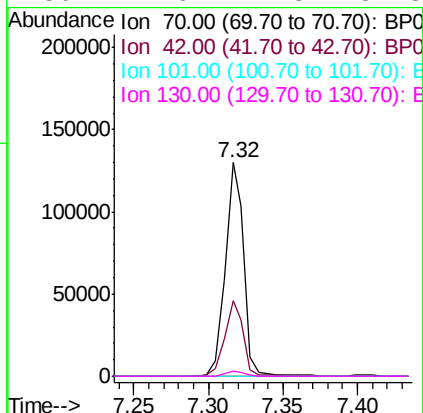
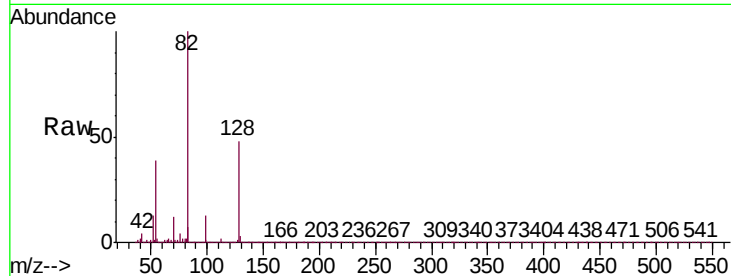




#19
n-Nitroso-di-n-propylamine
Concen: 12.538 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.14 min
Lab File: BP000540.D
Acq: 07 Oct 2019 14:05

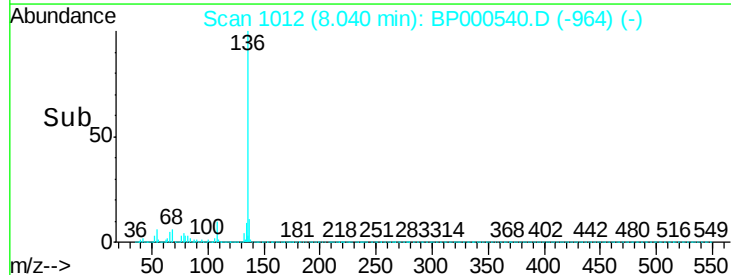
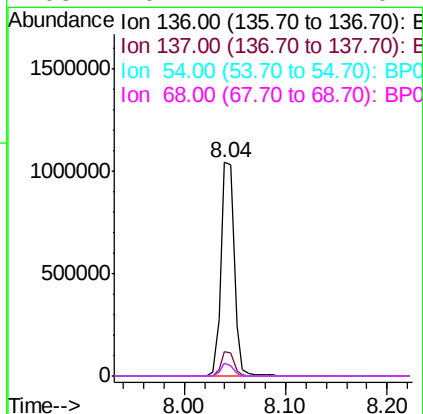
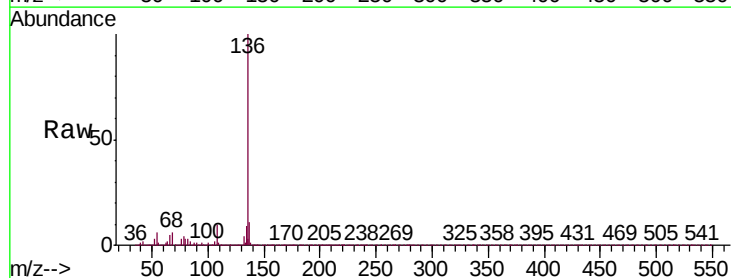
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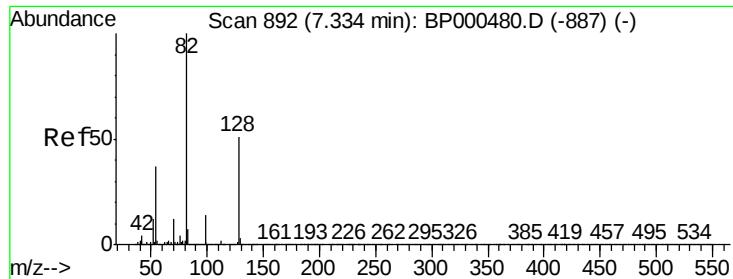
Tgt Ion:	70	Resp:	112856
Ion Ratio	Lower	Upper	
70	100		
42	35.3	33.2	49.8
101	0.0	9.9	14.9#
130	2.6	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BP000540.D
Acq: 07 Oct 2019 14:05

Tgt Ion:	136	Resp:	952462
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.2	12.4
54	6.2	4.1	6.1#
68	6.1	4.1	6.1#

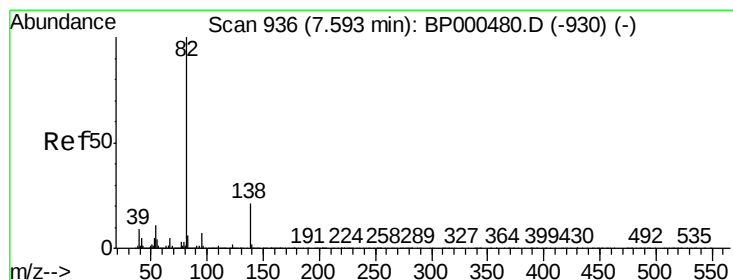
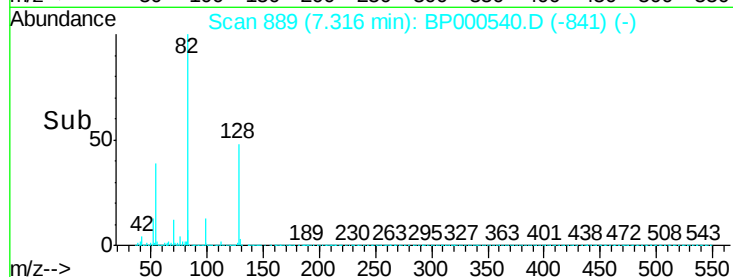
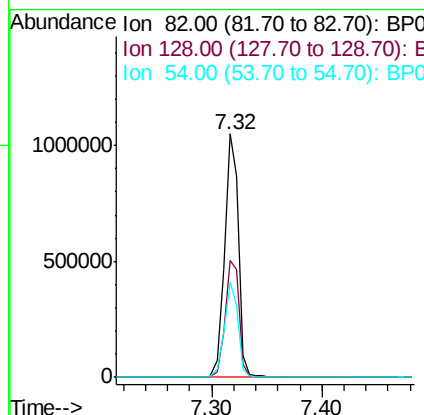
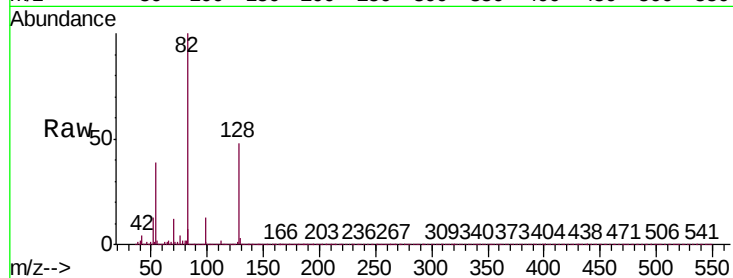




#23
 Nitrobenzene-d5
 Concen: 59.069 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.02 min
 Lab File: BP000540.D
 Acq: 07 Oct 2019 14:05

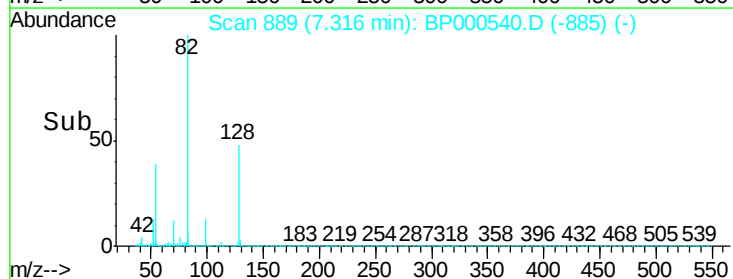
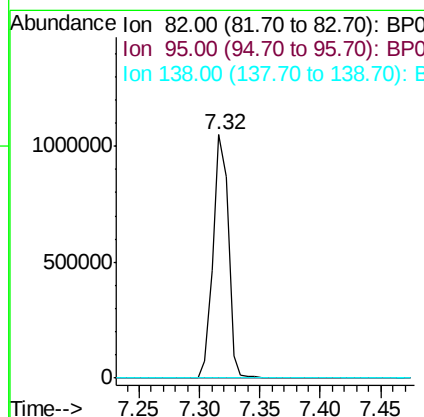
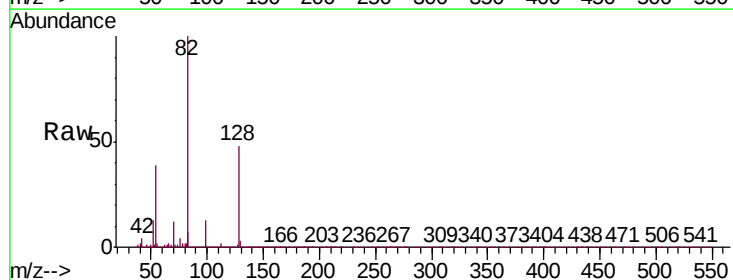
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 ClientSampleId :
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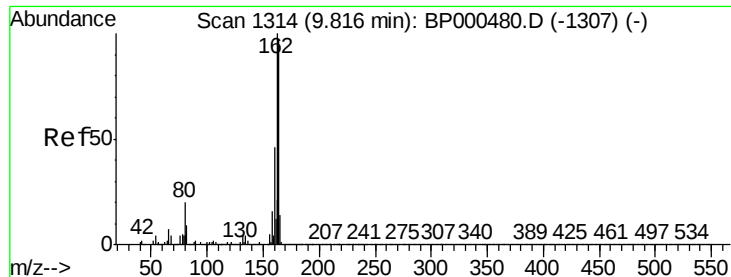
Tgt Ion:	82	Resp:	921178
Ion	Ratio	Lower	Upper
82	100		
128	48.1	40.9	61.3
54	39.1	29.4	44.2



#25
 Isophorone
 Concen: 33.279 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.28 min
 Lab File: BP000540.D
 Acq: 07 Oct 2019 14:05

Tgt Ion:	82	Resp:	921082
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	17.0	25.4#

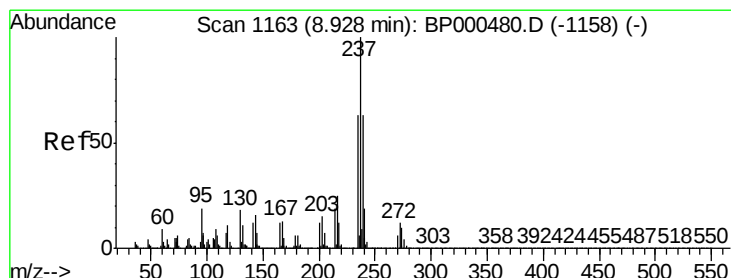
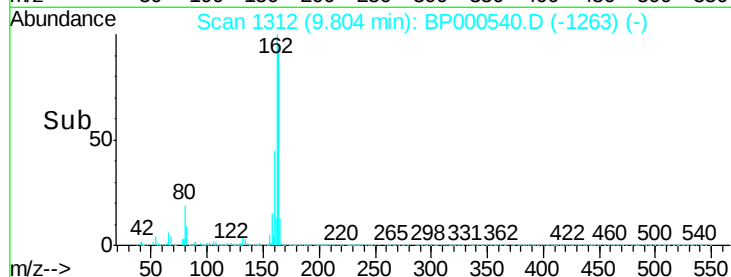
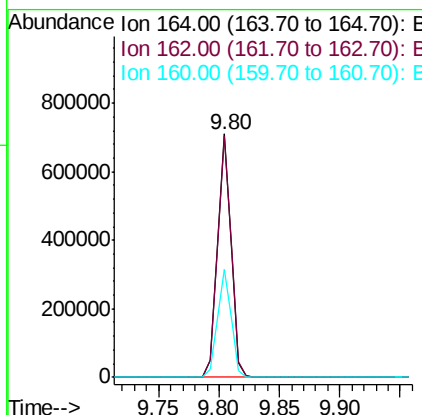
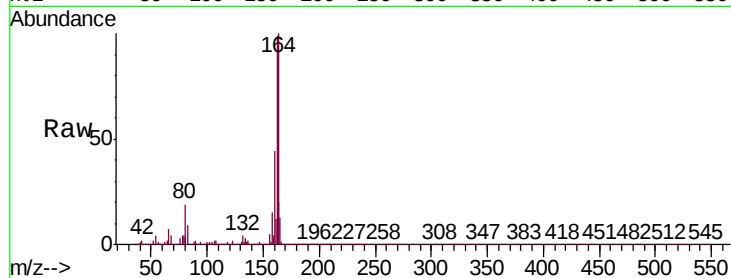




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BP000540.D
Acq: 07 Oct 2019 14:05

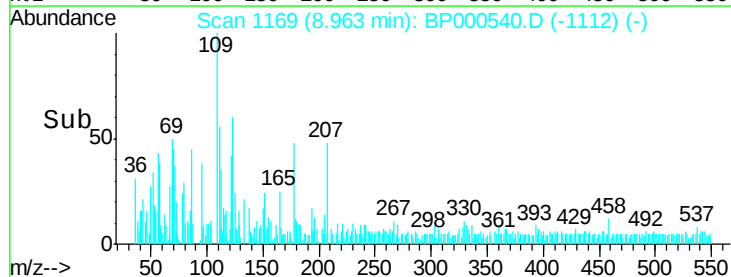
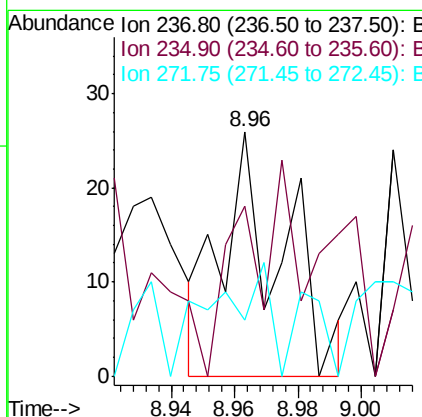
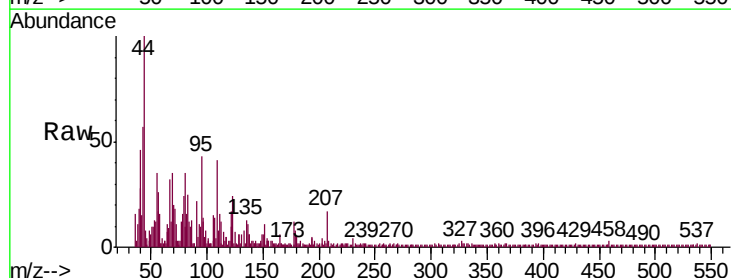
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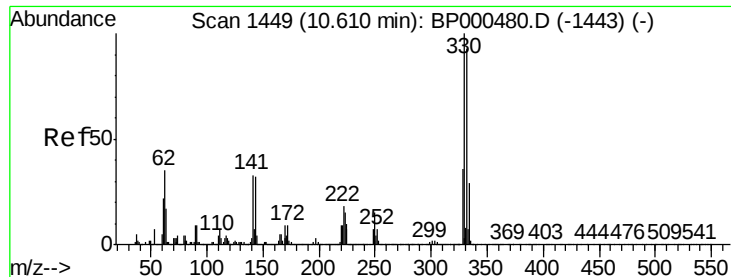
Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	82.2	123.2
160	44.5	37.6	56.4



#41
Hexachlorocyclopentadiene
Concen: 7.302 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.04 min
Lab File: BP000540.D
Acq: 07 Oct 2019 14:05

Tgt Ion	Ratio	Lower	Upper
237	100		
235	69.2	42.9	82.9
272	23.1	0.0	32.4

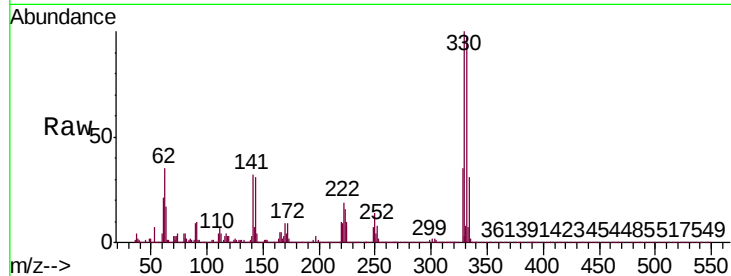




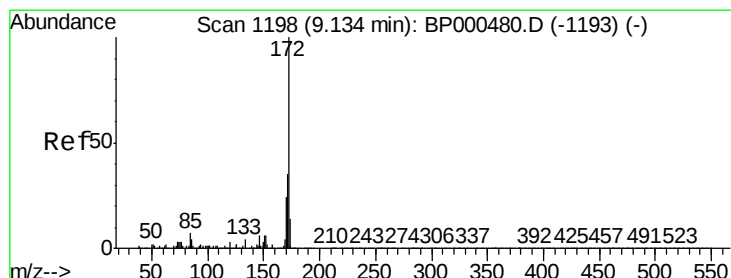
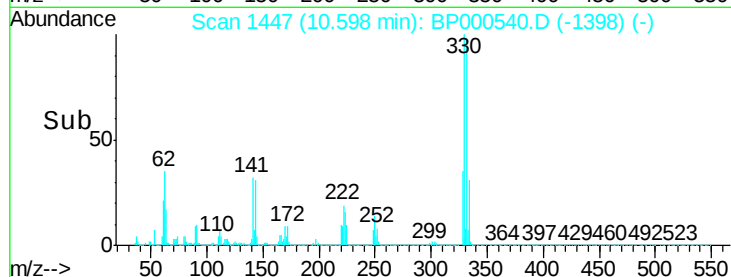
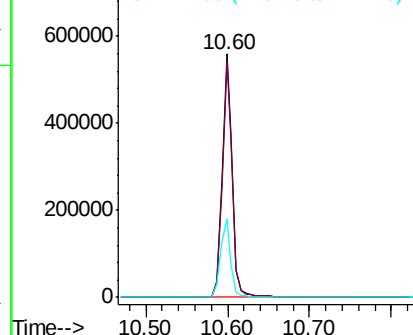
#42
 2,4,6-Tribromophenol
 Concen: 84.358 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BP000540.D
 Acq: 07 Oct 2019 14:05

Instrument :
 BNA_P
 ClientSampleId :
 20190765-SS-COMPOSITE-5

Tgt Ion: 330 Resp: 482202
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.1 115.7
 141 32.9 26.0 39.0

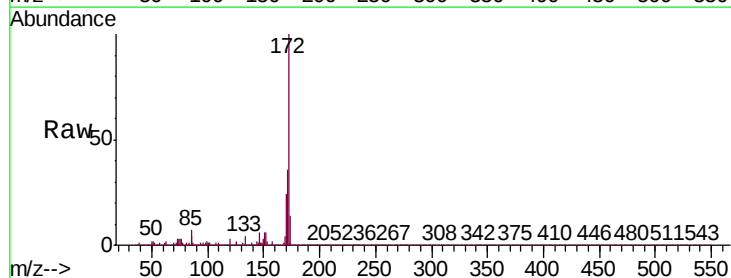


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

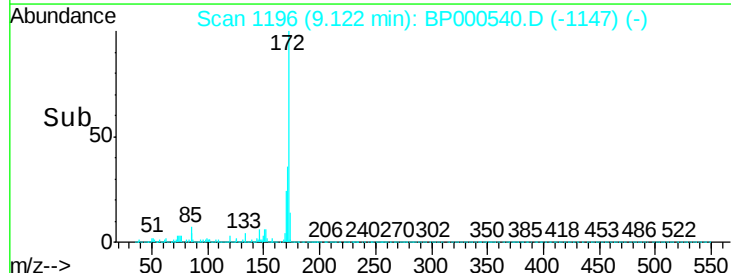
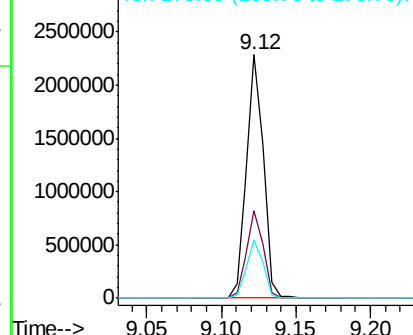


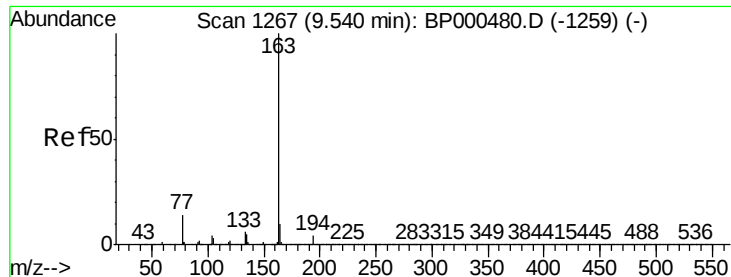
#45
 2-Fluorobiphenyl
 Concen: 54.577 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BP000540.D
 Acq: 07 Oct 2019 14:05

Tgt Ion: 172 Resp: 1809397
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.4 42.6
 170 23.9 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

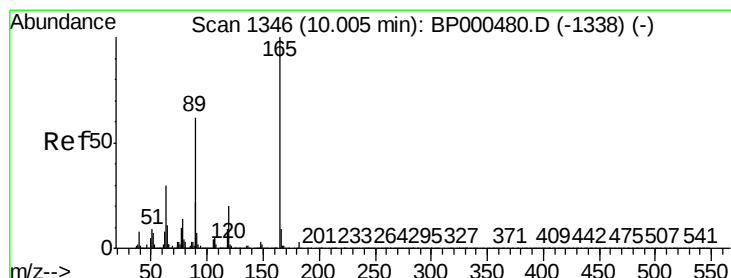
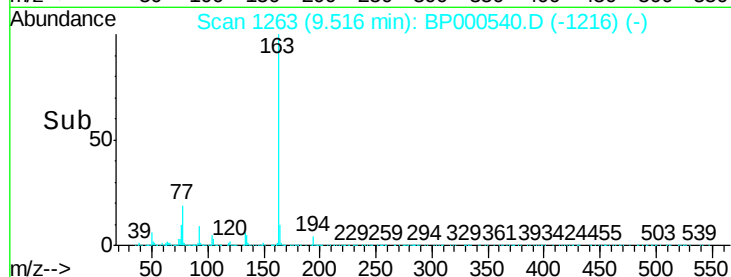
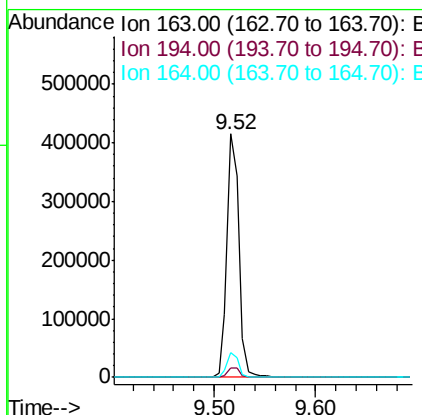
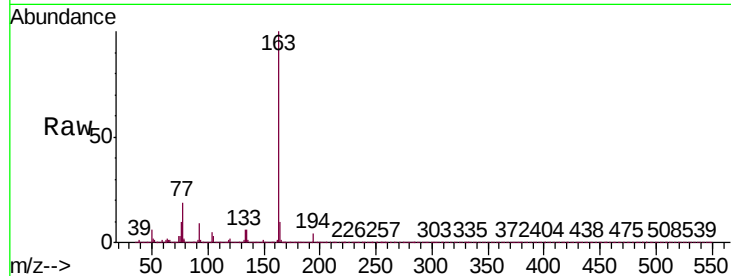




#50
Dimethylphthalate
Concen: 9.123 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BP000540.D
Acq: 07 Oct 2019 14:05

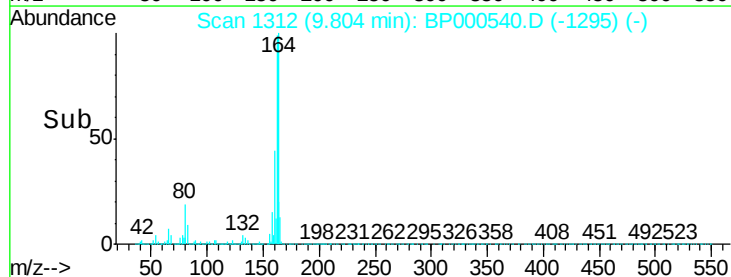
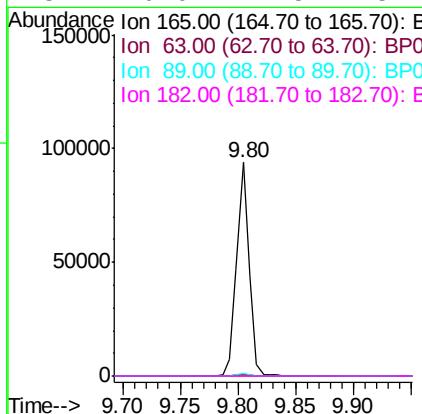
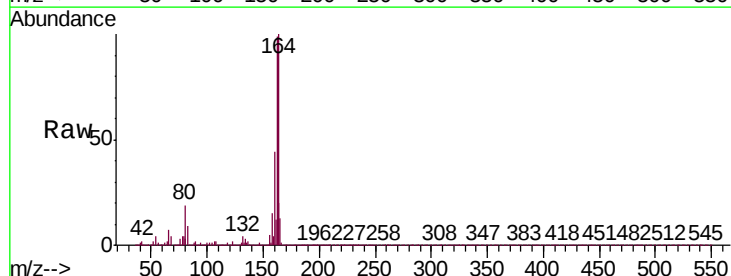
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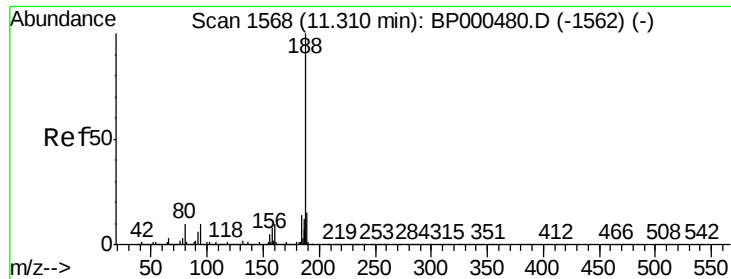
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	10.2	8.0	12.0



#57
2,4-Dinitrotoluene
Concen: 6.542 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.20 min
Lab File: BP000540.D
Acq: 07 Oct 2019 14:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	24.2	36.4#
89	1.1	49.4	74.0#
182	0.0	2.5	3.7#

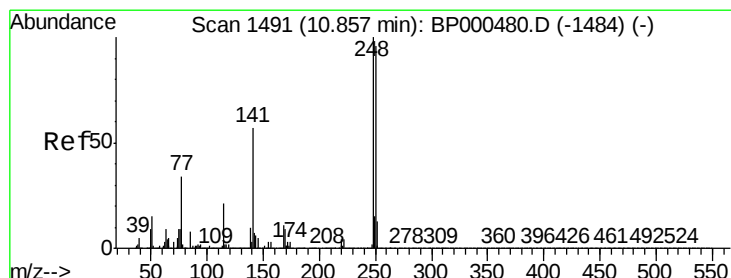
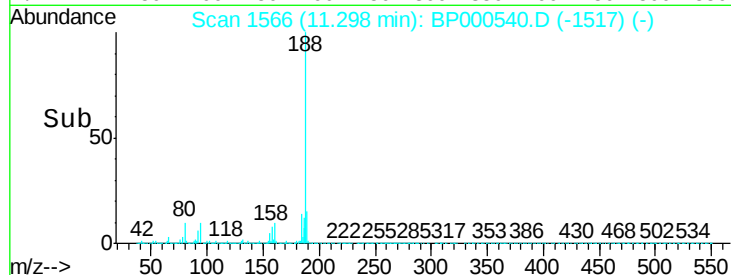
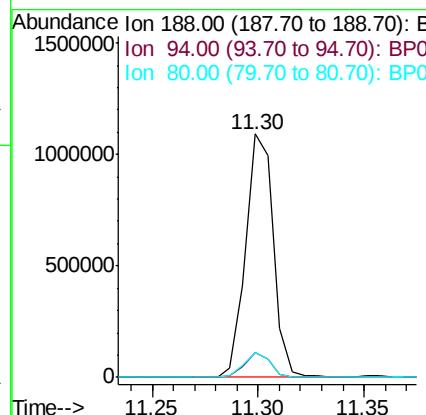
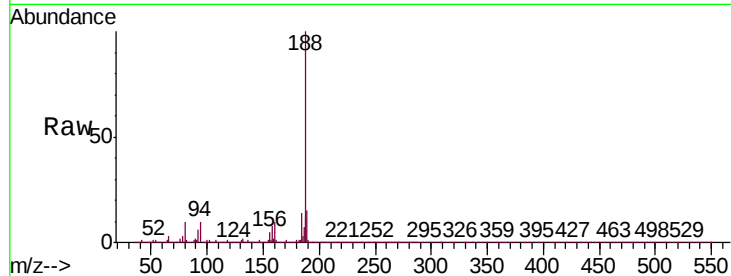




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BP000540.D
 Acq: 07 Oct 2019 14:05

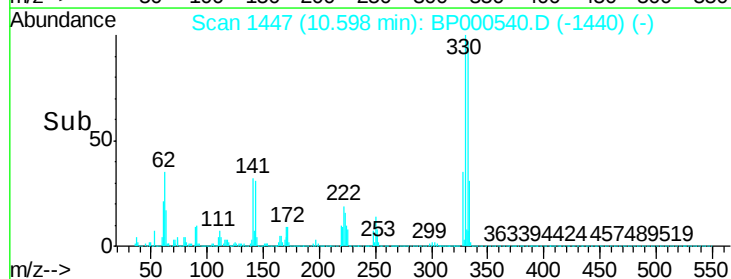
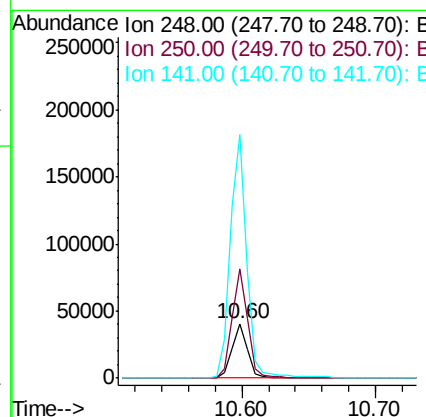
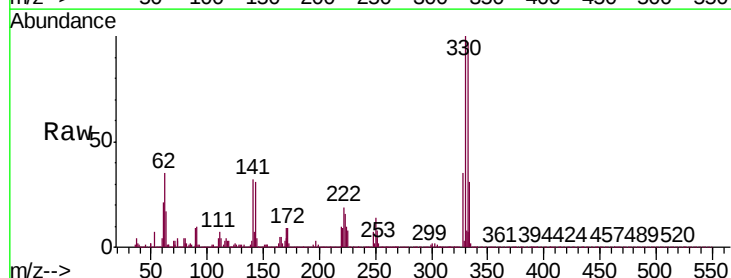
Instrument :
 BNA_P
 ClientSampleId :
 20190765-SS-COMPOSITE-5

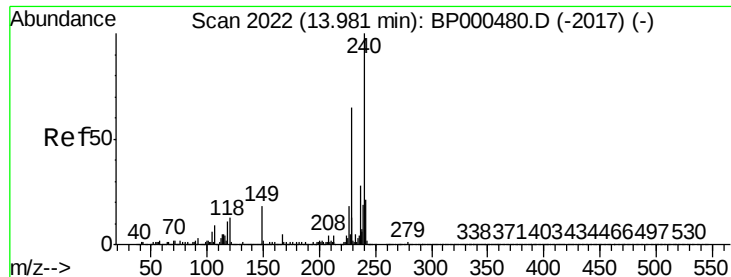
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.2	12.2
80	10.4	8.3	12.5



#67
 4-Bromophenyl-phenylether
 Concen: 3.023 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.26 min
 Lab File: BP000540.D
 Acq: 07 Oct 2019 14:05

Tgt Ion	Ratio	Lower	Upper
248	100		
250	200.4	77.2	115.8#
141	448.9	45.3	67.9#

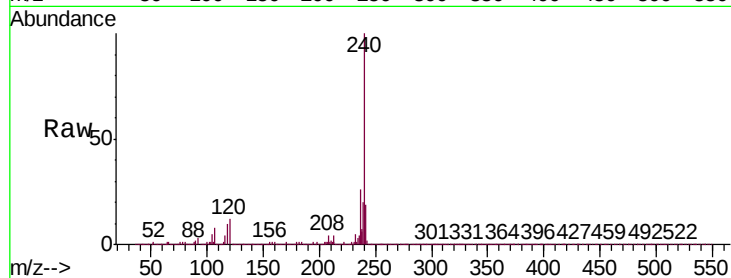




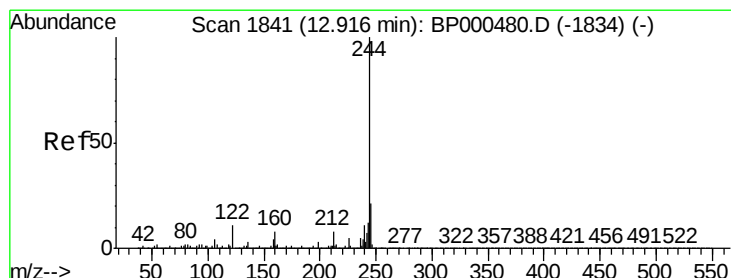
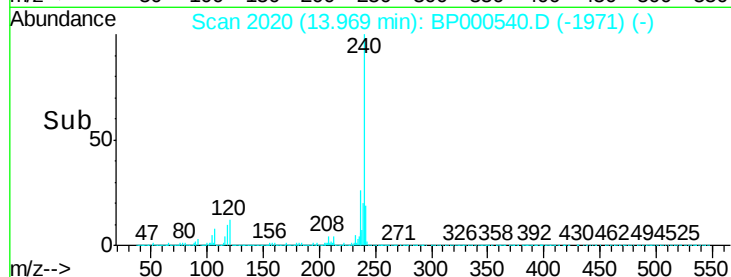
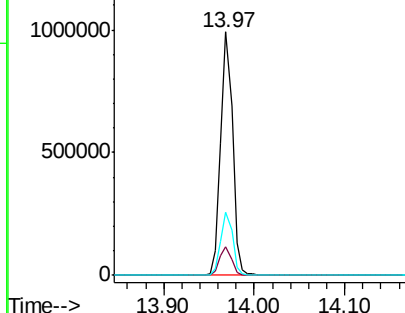
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000540.D
Acq: 07 Oct 2019 14:05

Instrument :
BNA_P
ClientSampleId :
20190765-SS-COMPOSITE-5

Tgt Ion:240 Resp: 890220
Ion Ratio Lower Upper
240 100
120 11.9 10.1 15.1
236 26.1 22.7 34.1

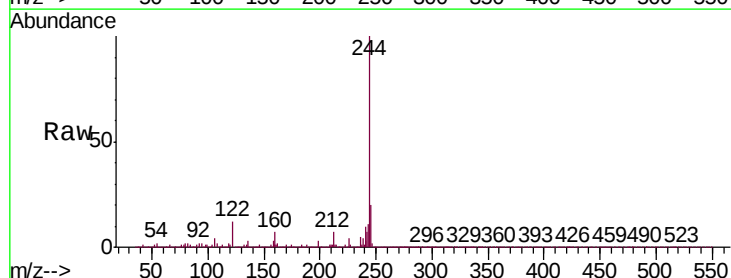


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

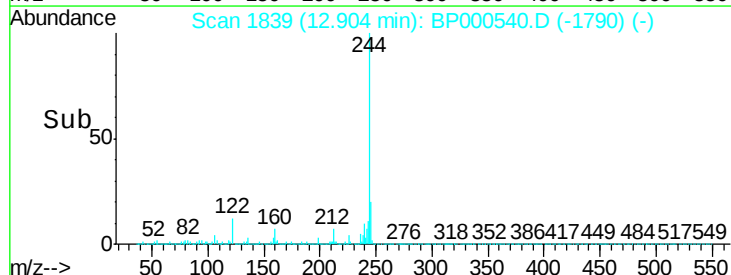
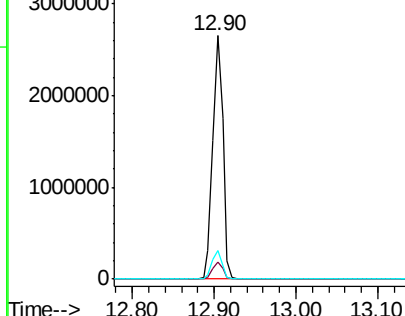


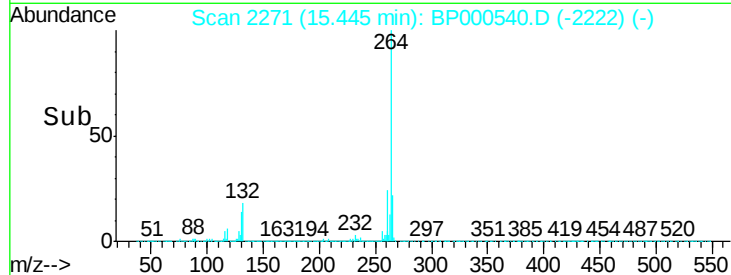
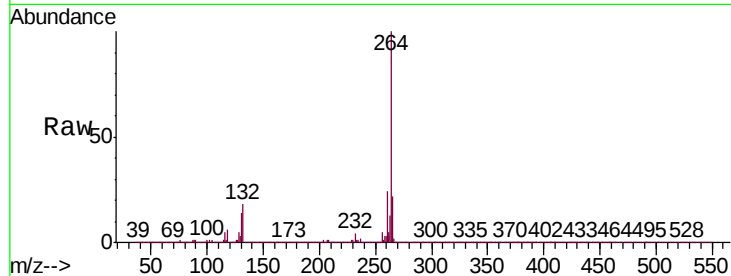
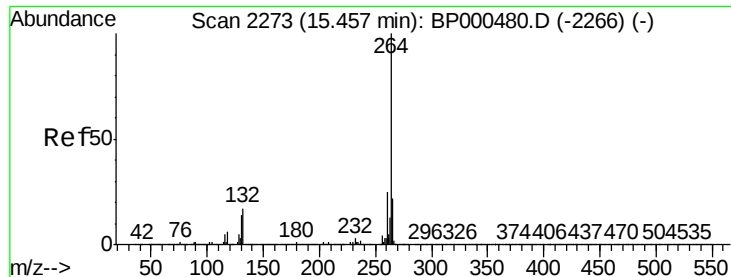
#79
Terphenyl-d14
Concen: 52.220 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000540.D
Acq: 07 Oct 2019 14:05

Tgt Ion:244 Resp: 2295957
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 11.7 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# 2271
Delta R.T. -0.01 min
Lab File: BP000540.D
Acq: 07 Oct 2019 14:05

Instrument :
BNA_P
ClientSampleId :
20190765-SS-COMPOSITE-5

Tgt Ion:	264	Resp:	974405
Ion Ratio	Lower	Upper	
264	100		
260	24.3	20.3	30.5
265	22.0	18.0	27.0

