

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101019\
 Data File : BP000619.D
 Acq On : 10 Oct 2019 16:28
 Operator : JU
 Sample : K5292-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190855-AMENDED-COMP-B

Quant Time: Oct 11 02:26:00 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

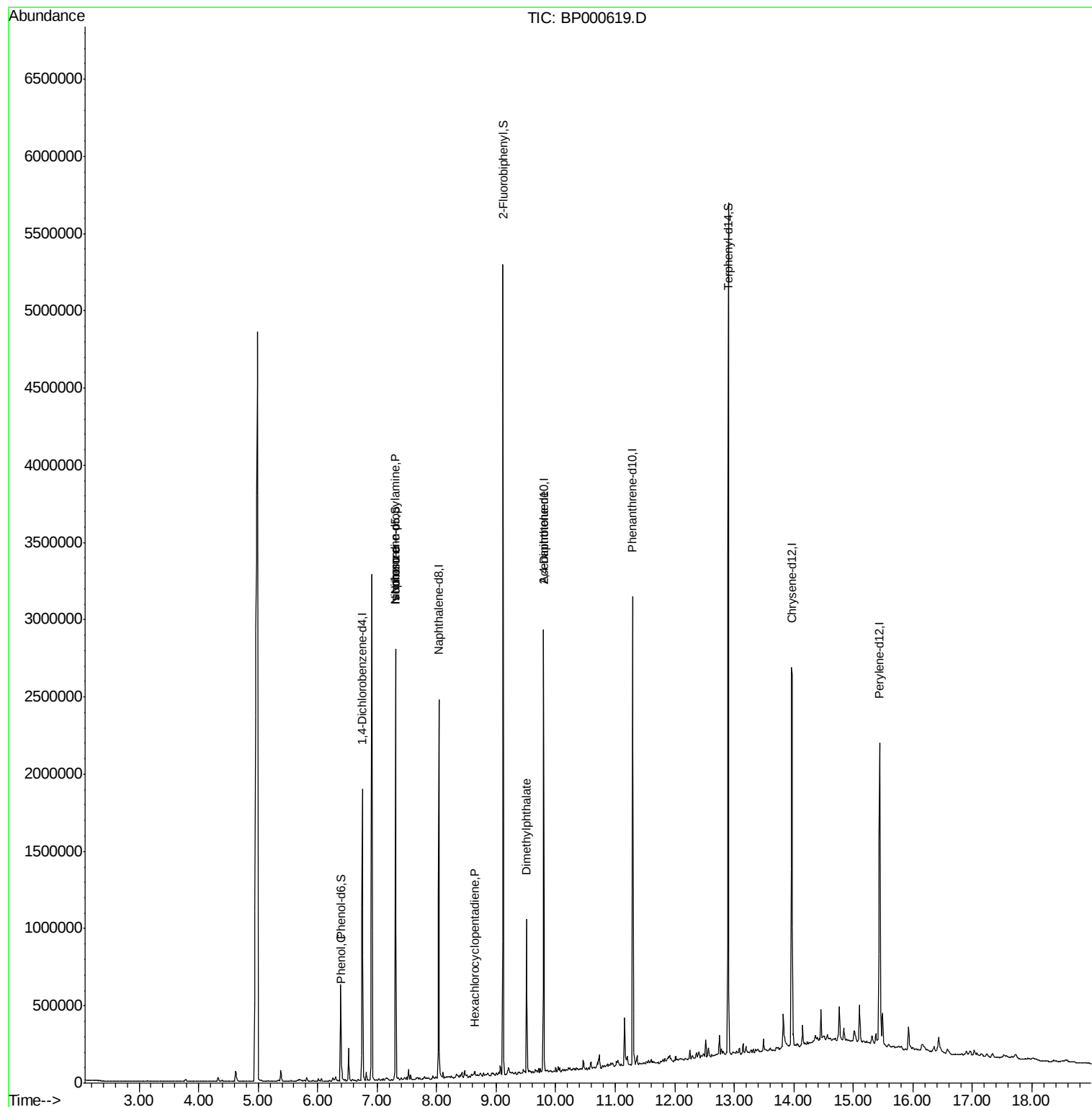
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	263473	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	971285	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	554114	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	1001152	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	826989	20.00	ng	-0.01
87) Perylene-d12	15.44	264	912254	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	25023	1.53	ng	-0.01
7) Phenol-d6	6.39	99	205982	10.43	ng	-0.02
23) Nitrobenzene-d5	7.31	82	795455	50.02	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	5382	0.91	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1493708	43.62	ng	-0.02
79) Terphenyl-d14	12.90	244	1752485	42.91	ng	-0.02
Target Compounds						
10) Phenol	6.40	94	45138	2.232	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	7.31	70	98553	10.825	ng	# 73
25) Isophorone	7.31	82	793708	28.121	ng	# 61
41) Hexachlorocyclopentadiene	8.65	237	18	7.299	ng	81
50) Dimethylphthalate	9.51	163	349718	9.083	ng	100
57) 2,4-Dinitrotoluene	9.80	165	71614	6.433	ng	# 32

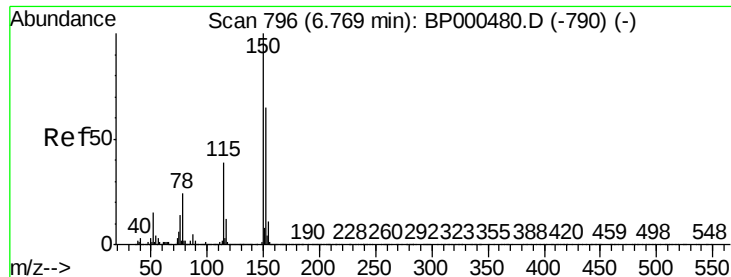
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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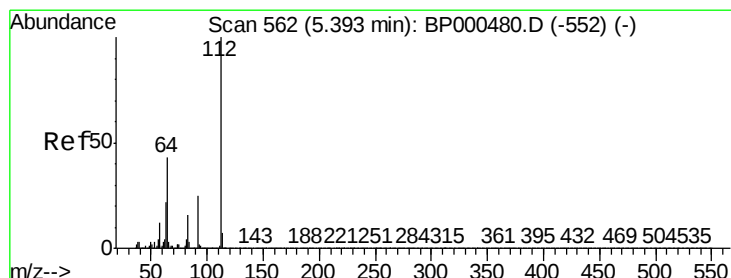
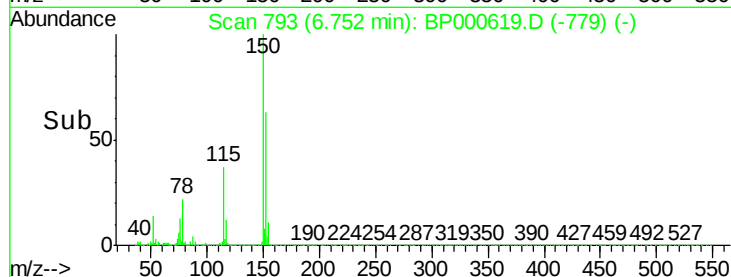
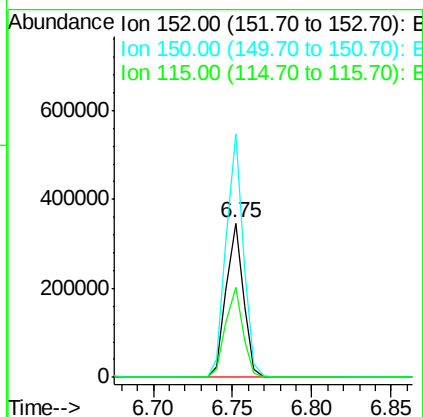
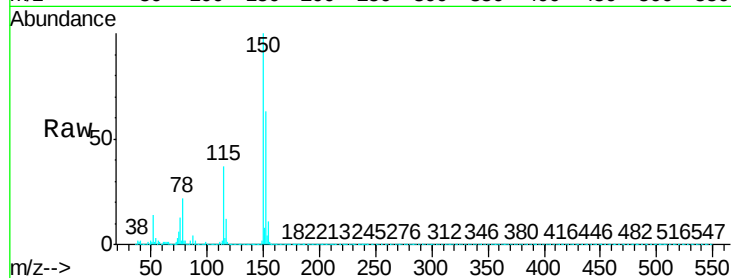


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000619.D
Acq: 10 Oct 2019 16:28

Instrument :
BNA_P
ClientSampleId :
20190855-AMENDED-COMP-B

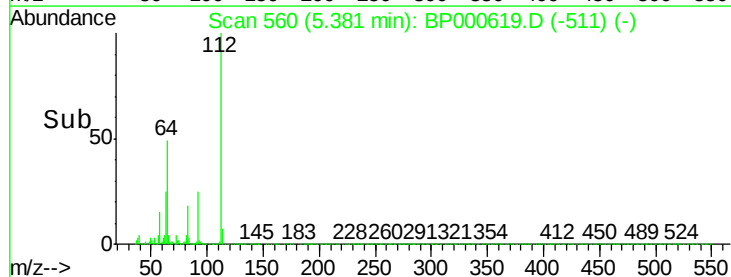
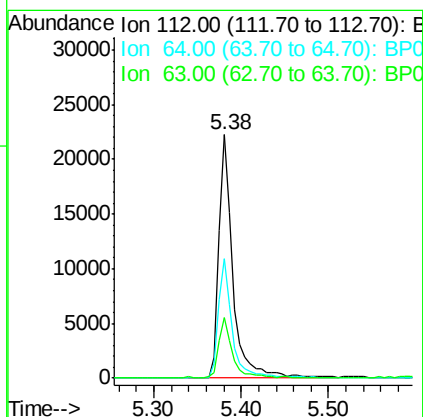
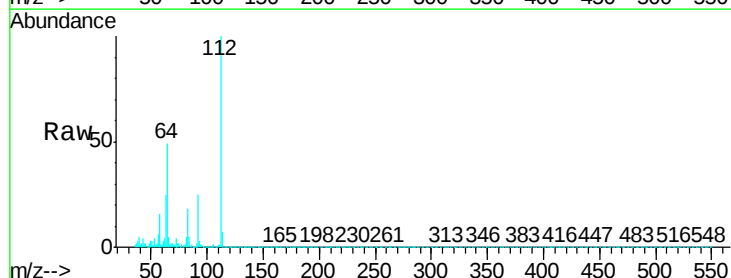
Tgt Ion:152 Resp: 263473
Ion Ratio Lower Upper
152 100
150 157.6 124.1 186.1
115 58.3 48.7 73.1

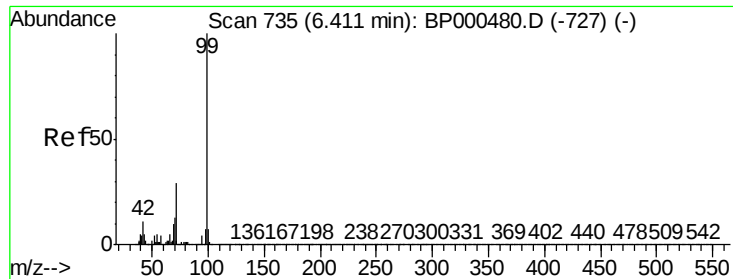


#5

2-Fluorophenol
Concen: 1.527 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BP000619.D
Acq: 10 Oct 2019 16:28

Tgt Ion:112 Resp: 25023
Ion Ratio Lower Upper
112 100
64 48.8 34.2 51.4
63 24.9 17.9 26.9





#7

Phenol-d6

Concen: 10.429 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BP000619.D

Acq: 10 Oct 2019 16:28

Instrument :

BNA_P

ClientSampleId :

20190855-AMENDED-COMP-B

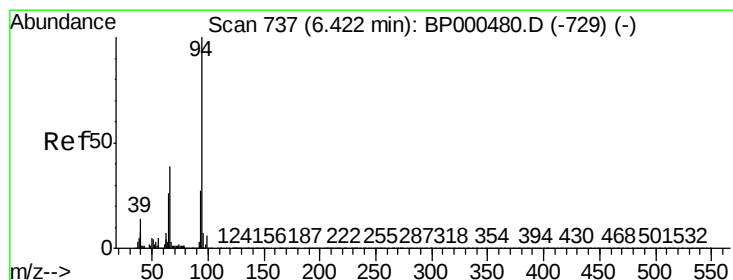
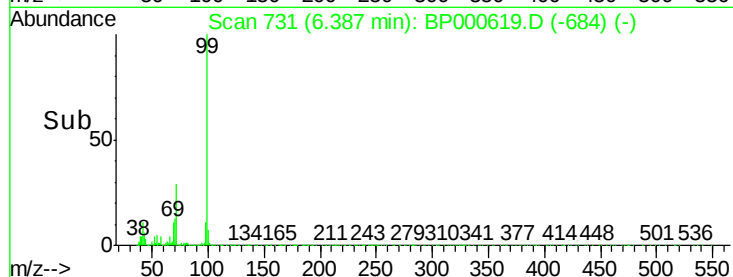
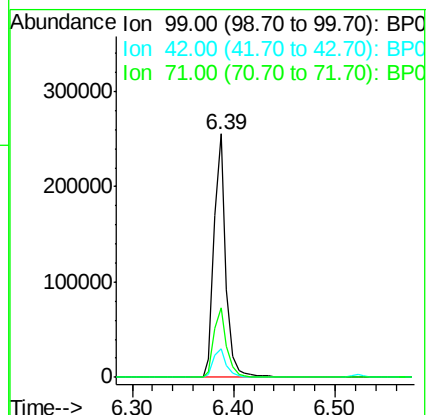
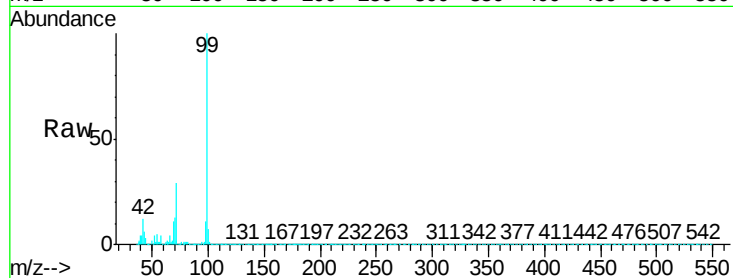
Tgt Ion: 99 Resp: 205982

Ion Ratio Lower Upper

99 100

42 11.6 8.6 12.8

71 28.8 23.0 34.4



#10

Phenol

Concen: 2.232 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BP000619.D

Acq: 10 Oct 2019 16:28

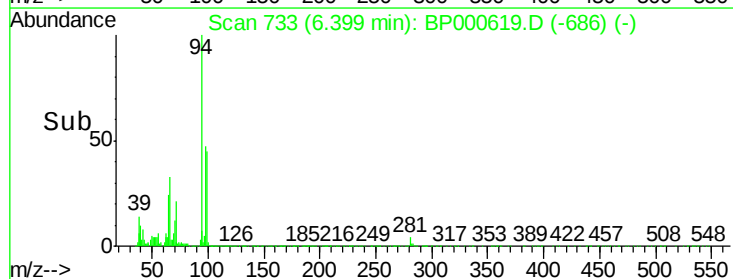
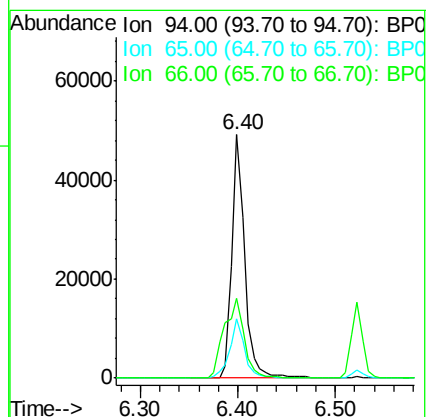
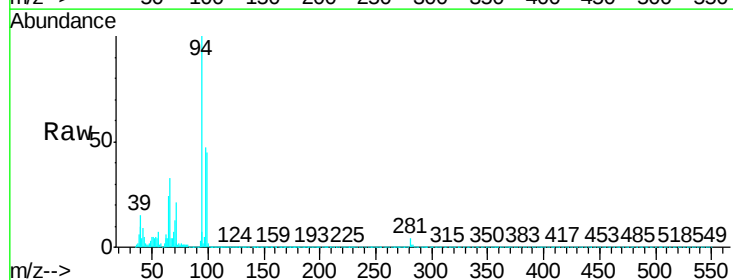
Tgt Ion: 94 Resp: 45138

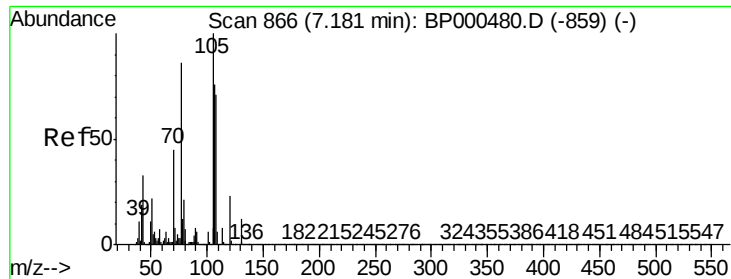
Ion Ratio Lower Upper

94 100

65 24.3 5.9 45.9

66 32.6 18.8 58.8

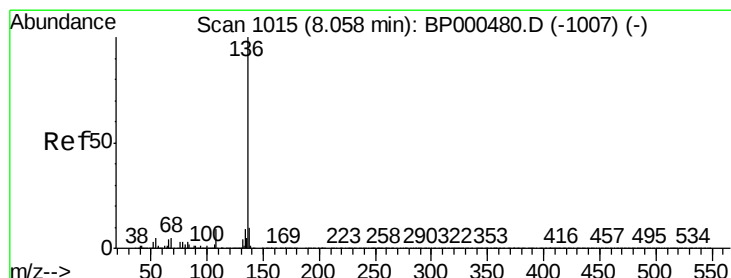
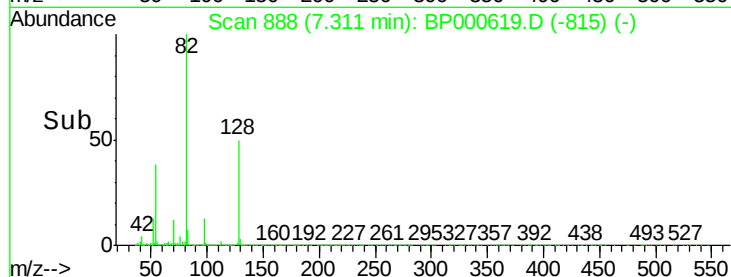
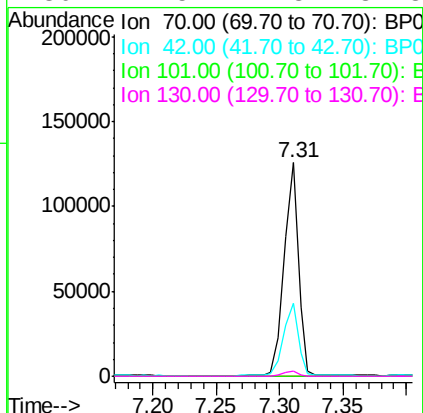
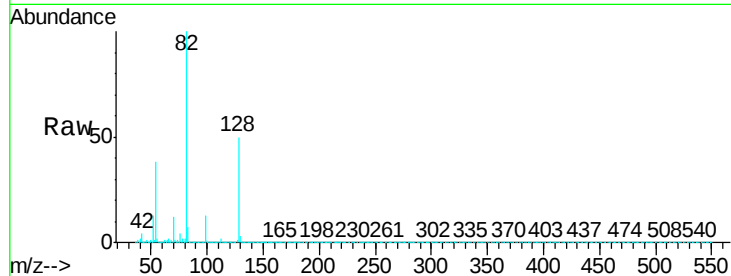




#19
n-Nitroso-di-n-propylamine
Concen: 10.825 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000619.D
Acq: 10 Oct 2019 16:28

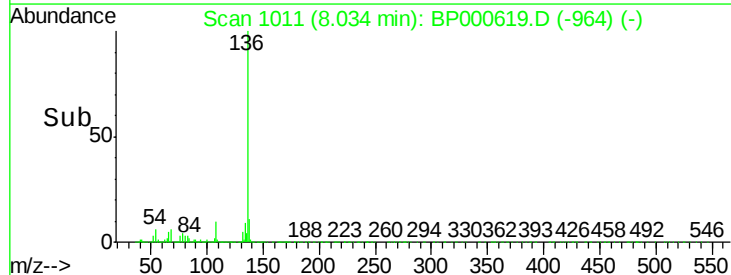
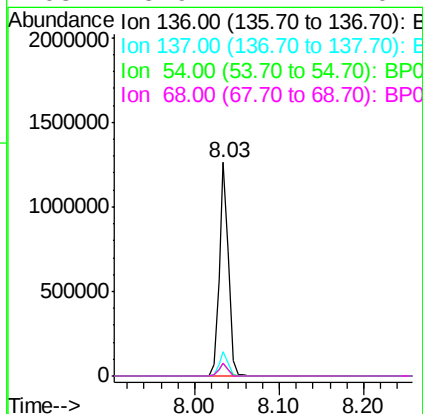
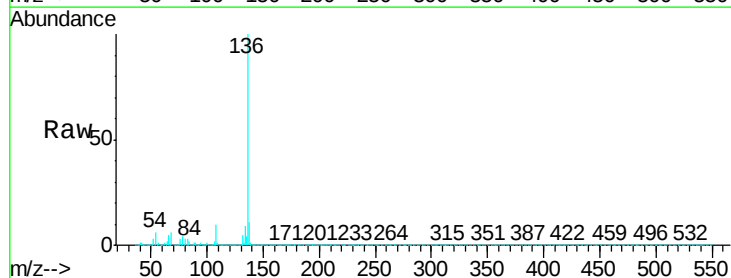
Instrument :
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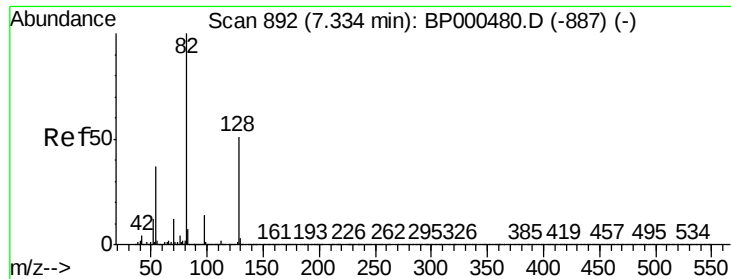
Tgt Ion:	70	Resp:	98553
Ion	Ratio	Lower	Upper
70	100		
42	34.4	33.2	49.8
101	0.0	9.9	14.9#
130	2.5	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000619.D
Acq: 10 Oct 2019 16:28

Tgt Ion:	136	Resp:	971285
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	6.0	4.1	6.1
68	5.9	4.1	6.1

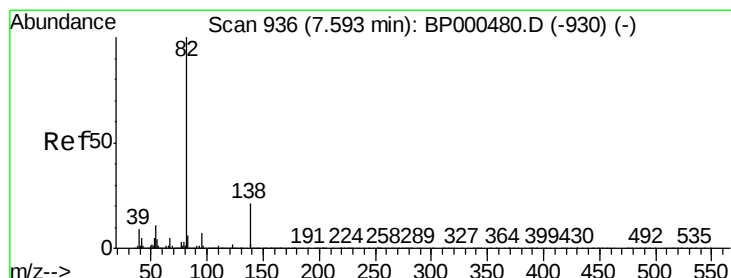
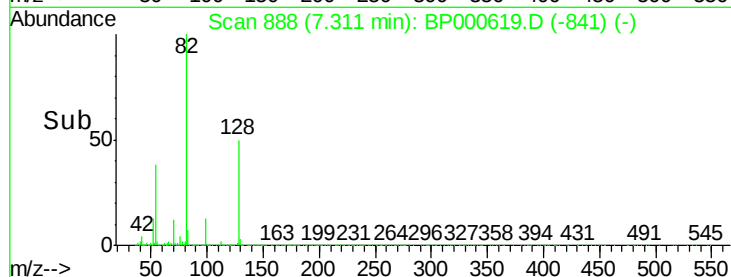
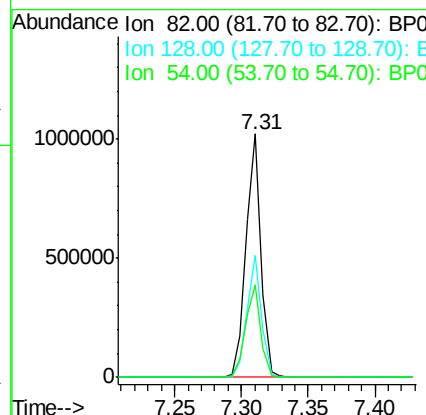
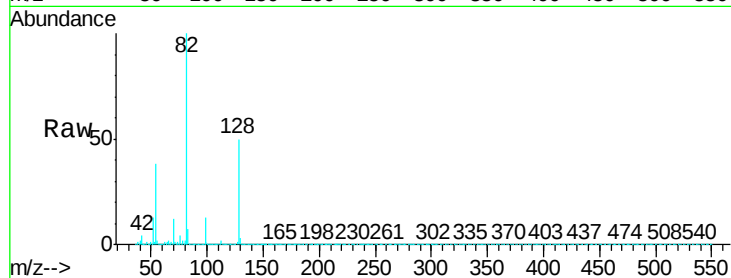




#23
 Nitrobenzene-d5
 Concen: 50.019 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BP000619.D
 Acq: 10 Oct 2019 16:28

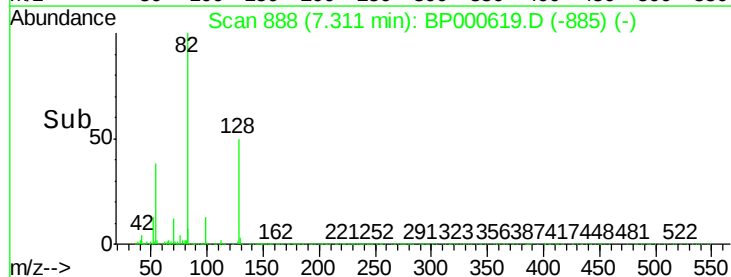
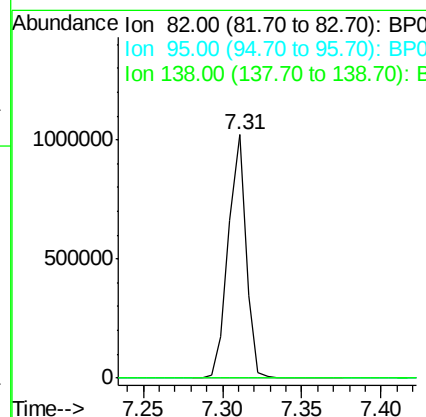
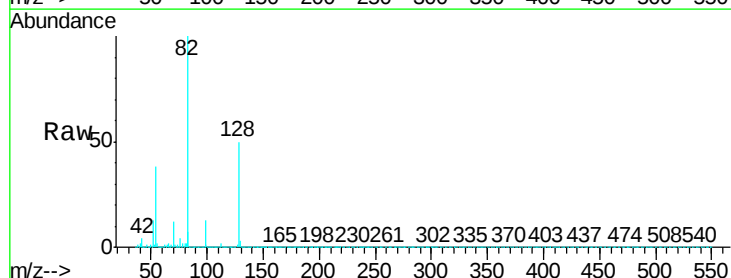
Instrument :
 BNA_P
 ClientSampleId :
 20190855-AMENDED-COMP-B

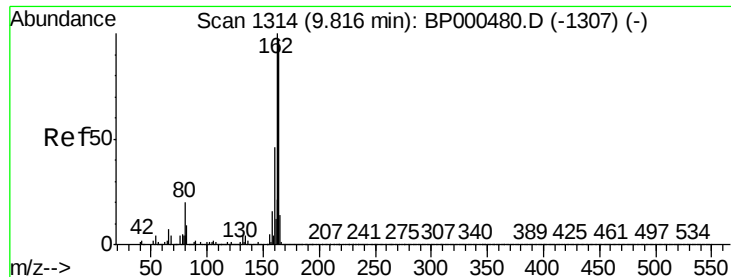
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.9	40.9	61.3
54	37.8	29.4	44.2



#25
 Isophorone
 Concen: 28.121 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.28 min
 Lab File: BP000619.D
 Acq: 10 Oct 2019 16:28

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	17.0	25.4#

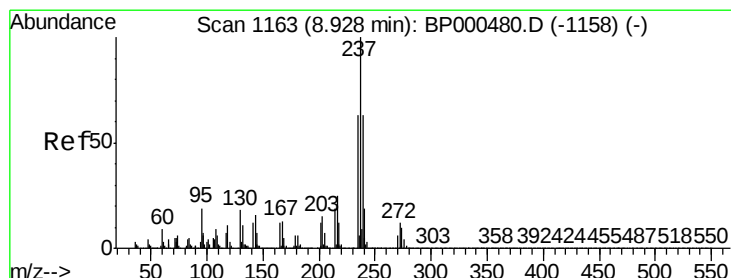
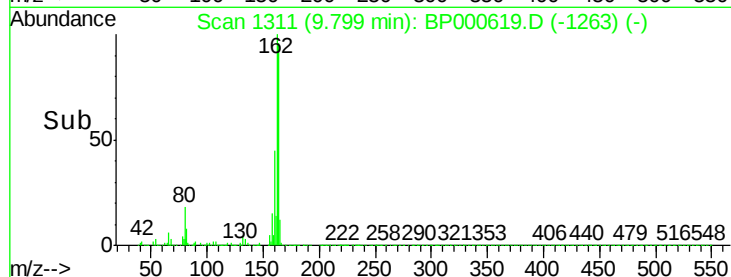
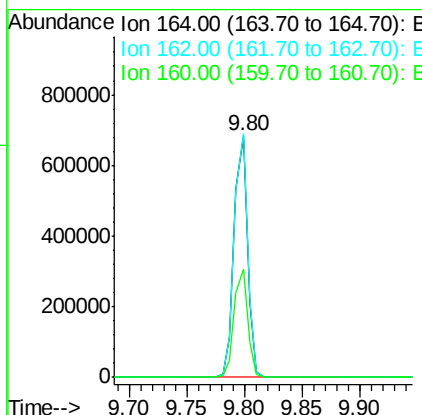
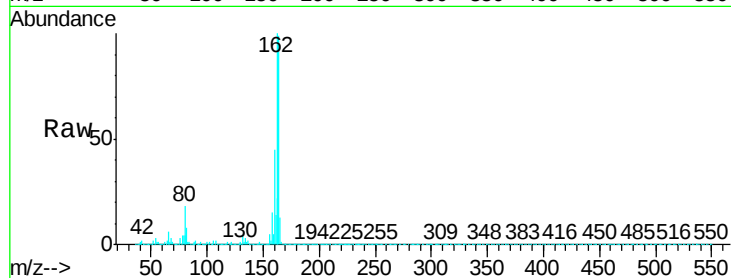




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000619.D
Acq: 10 Oct 2019 16:28

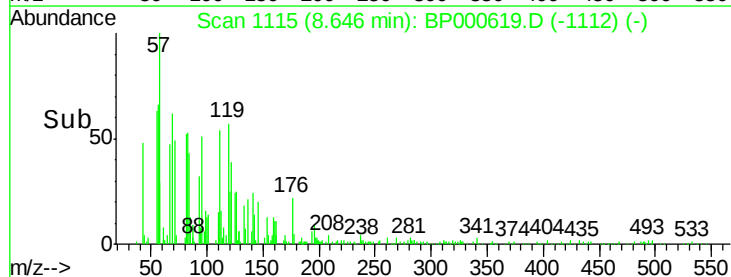
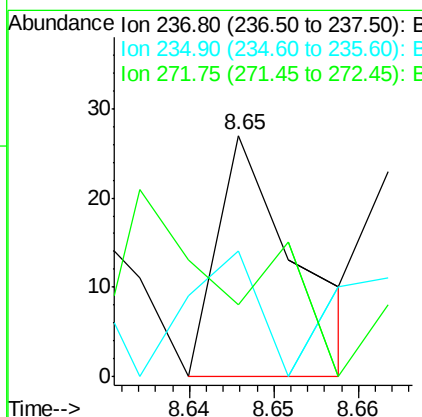
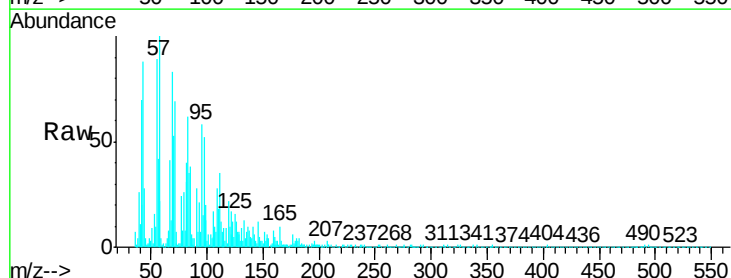
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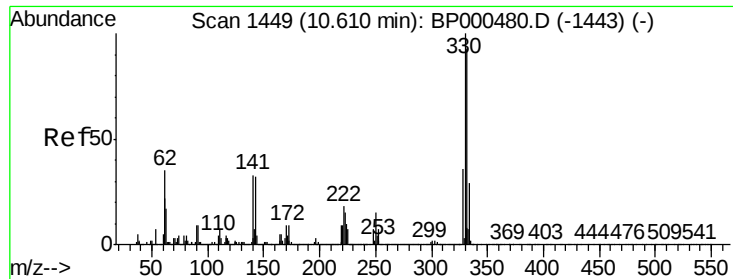
Tgt Ion:164 Resp: 554114
Ion Ratio Lower Upper
164 100
162 100.9 82.2 123.2
160 45.0 37.6 56.4



#41
Hexachlorocyclopentadiene
Concen: 7.299 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.28 min
Lab File: BP000619.D
Acq: 10 Oct 2019 16:28

Tgt Ion:237 Resp: 18
Ion Ratio Lower Upper
237 100
235 51.9 42.9 82.9
272 29.6 0.0 32.4

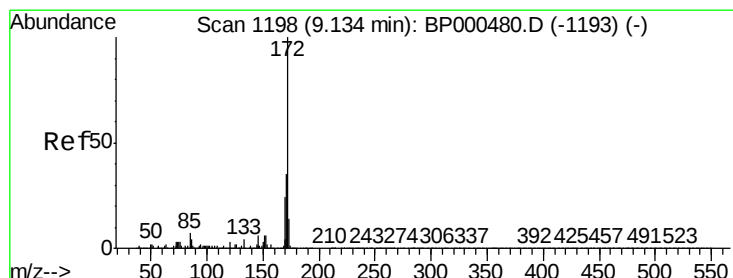
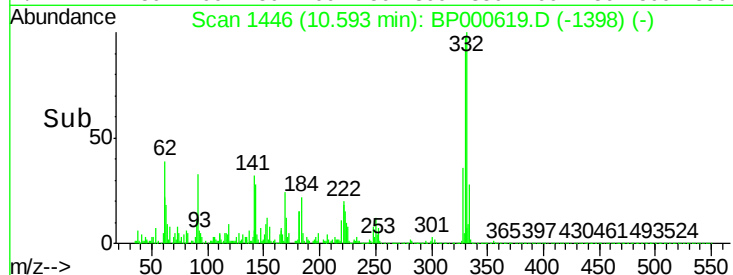
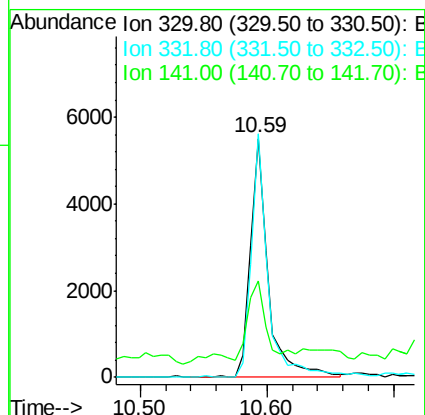
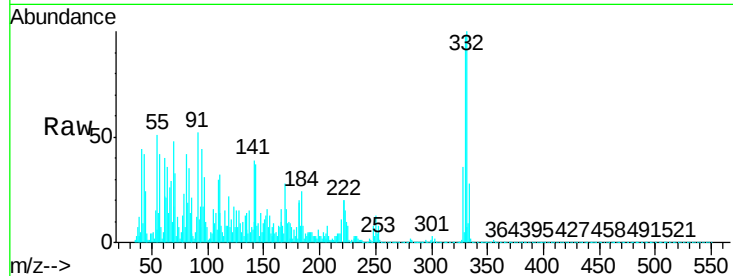




#42
 2,4,6-Tribromophenol
 Concen: 0.911 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BP000619.D
 Acq: 10 Oct 2019 16:28

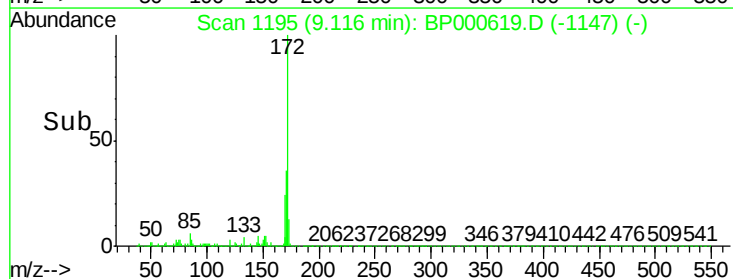
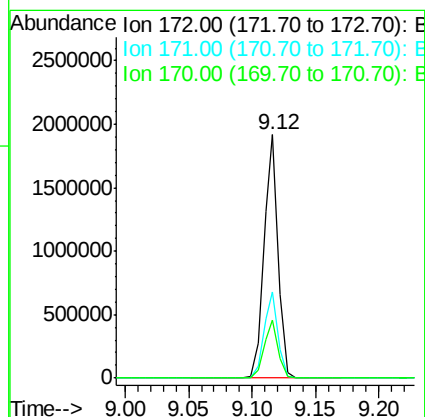
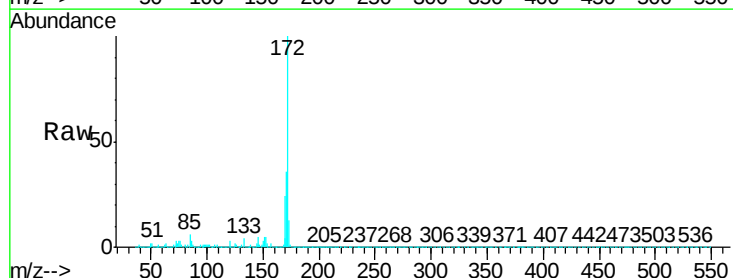
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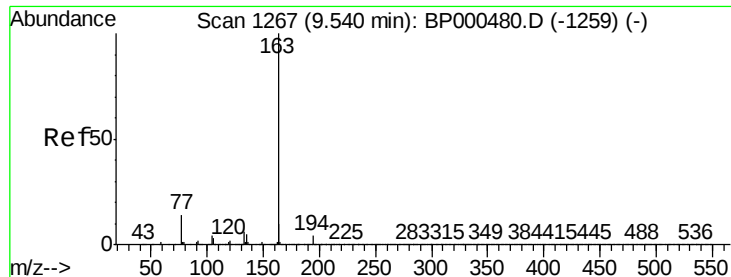
Tgt Ion:330 Resp: 5382
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.1 115.7
 141 31.3 26.0 39.0



#45
 2-Fluorobiphenyl
 Concen: 43.616 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BP000619.D
 Acq: 10 Oct 2019 16:28

Tgt Ion:172 Resp: 1493708
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.4 42.6
 170 23.8 19.1 28.7

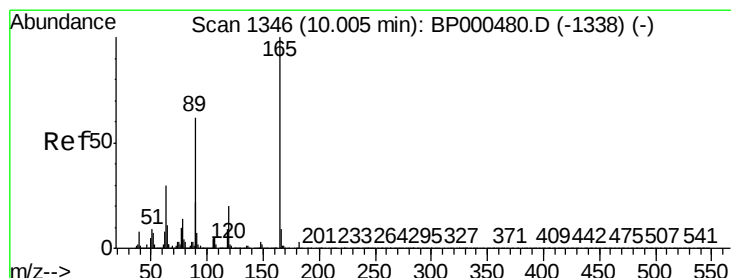
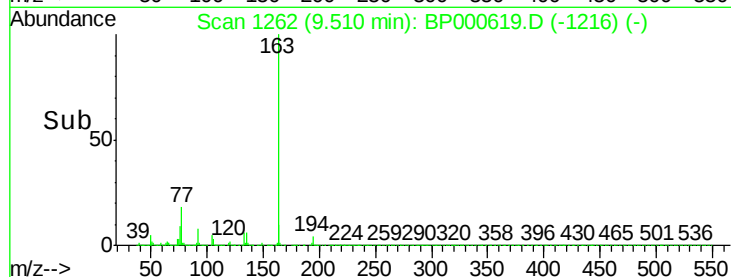
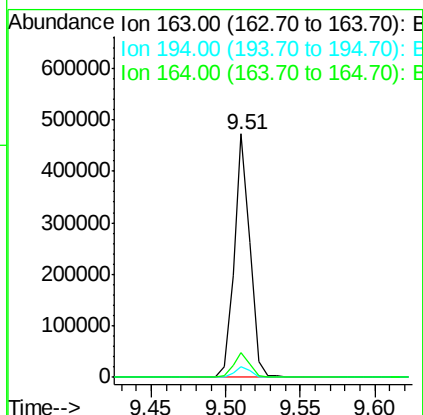
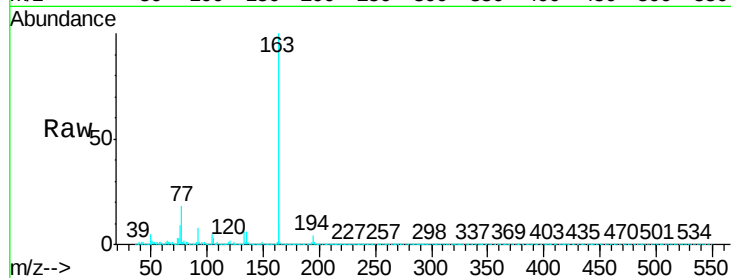




#50
Dimethylphthalate
Concen: 9.083 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000619.D
Acq: 10 Oct 2019 16:28

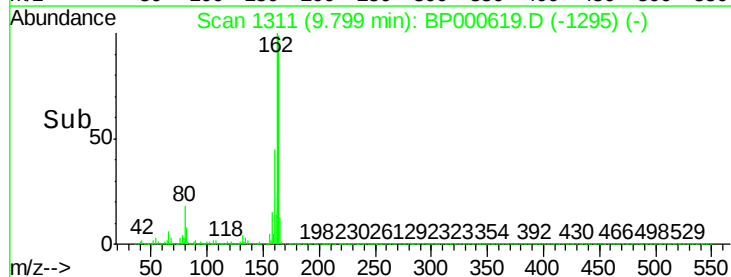
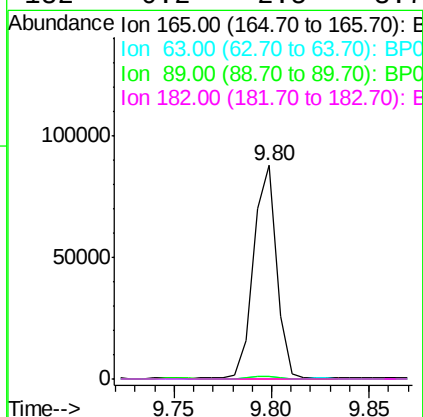
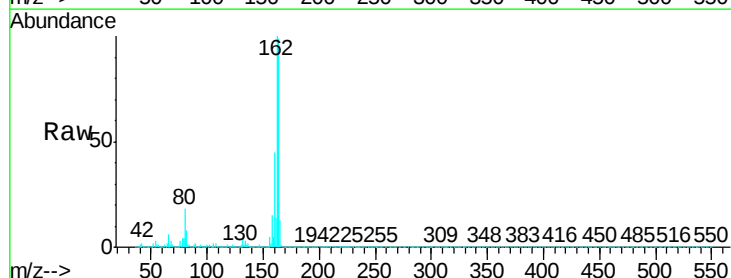
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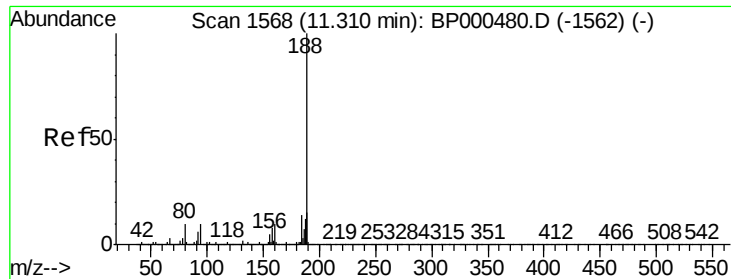
Tgt Ion:163 Resp: 349718
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.1 8.0 12.0



#57
2,4-Dinitrotoluene
Concen: 6.433 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BP000619.D
Acq: 10 Oct 2019 16:28

Tgt Ion:165 Resp: 71614
Ion Ratio Lower Upper
165 100
63 1.0 24.2 36.4#
89 1.4 49.4 74.0#
182 0.2 2.5 3.7#

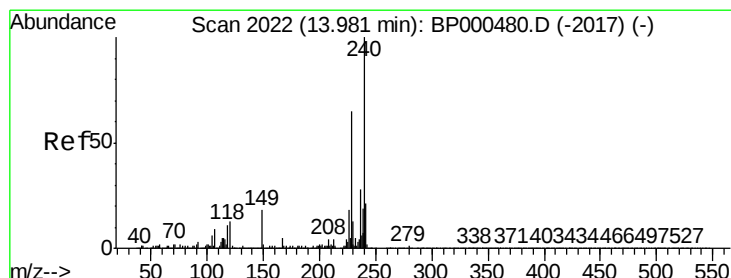
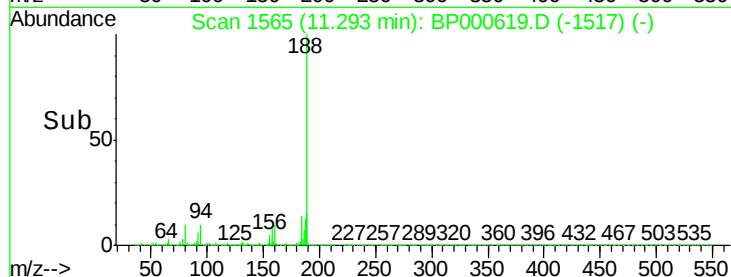
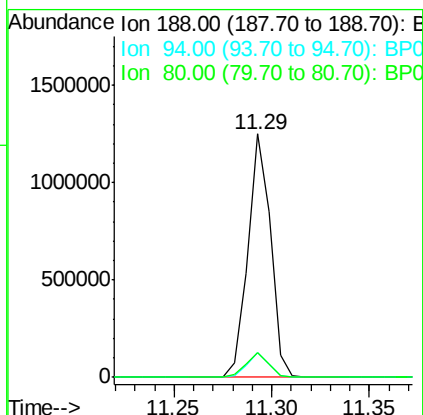
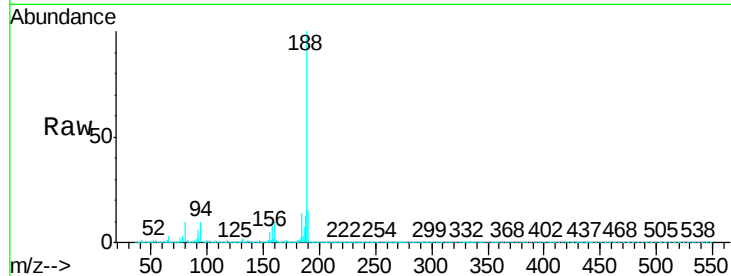




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000619.D
Acq: 10 Oct 2019 16:28

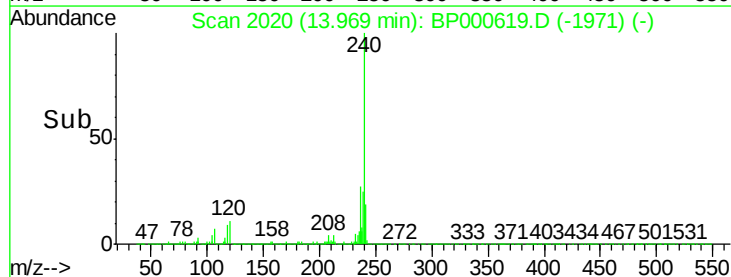
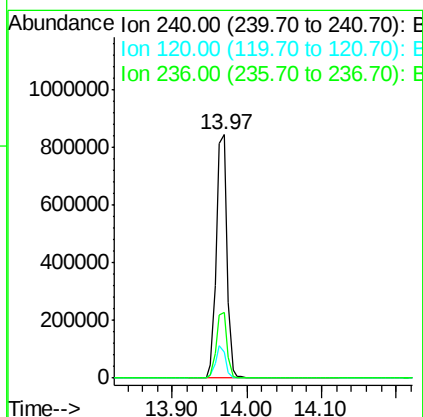
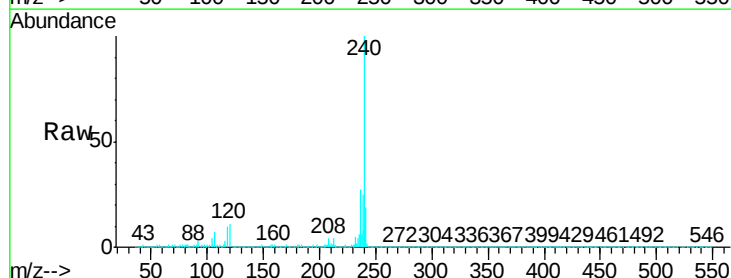
Instrument :
BNA_P
ClientSampleId :
20190855-AMENDED-COMP-B

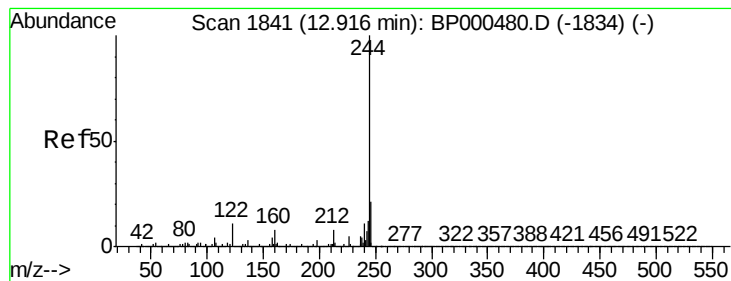
Tgt Ion:188 Resp: 1001152
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 10.3 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000619.D
Acq: 10 Oct 2019 16:28

Tgt Ion:240 Resp: 826989
Ion Ratio Lower Upper
240 100
120 10.7 10.1 15.1
236 26.8 22.7 34.1





#79

Terphenyl-d14

Concen: 42.906 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BP000619.D

Acq: 10 Oct 2019 16:28

Instrument :

BNA_P

ClientSampleId :

20190855-AMENDED-COMP-B

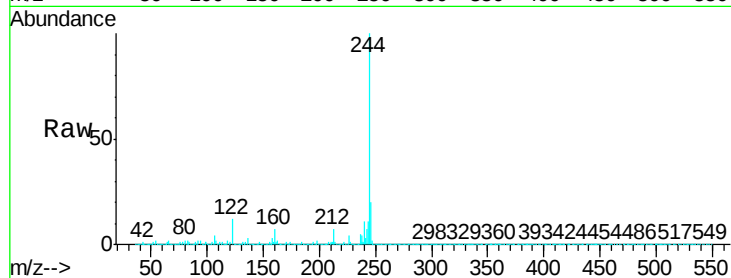
Tgt Ion:244 Resp: 1752485

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

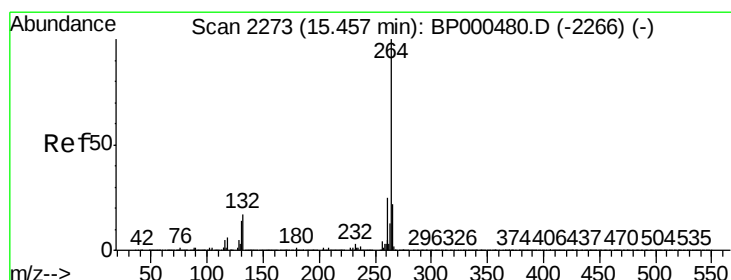
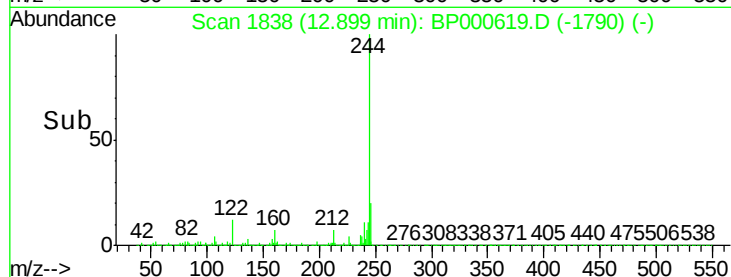
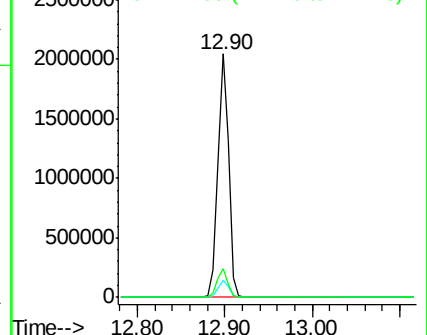
122 12.0 8.9 13.3



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: 15.44 min Scan# 2270

Delta R.T. -0.02 min

Lab File: BP000619.D

Acq: 10 Oct 2019 16:28

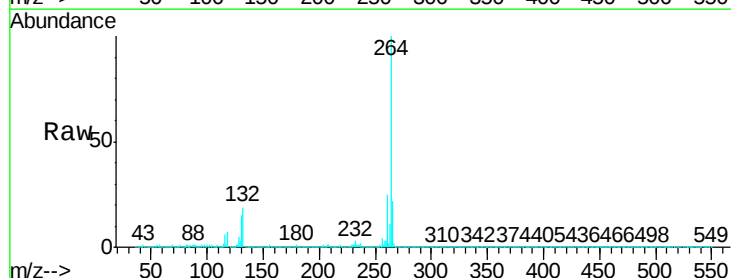
Tgt Ion:264 Resp: 912254

Ion Ratio Lower Upper

264 100

260 24.8 20.3 30.5

265 22.1 18.0 27.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

