

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101019\
 Data File : BP000618.D
 Acq On : 10 Oct 2019 16:04
 Operator : JU
 Sample : K5292-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190858-AMENDED-COMP-E

Quant Time: Oct 11 02:25:39 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

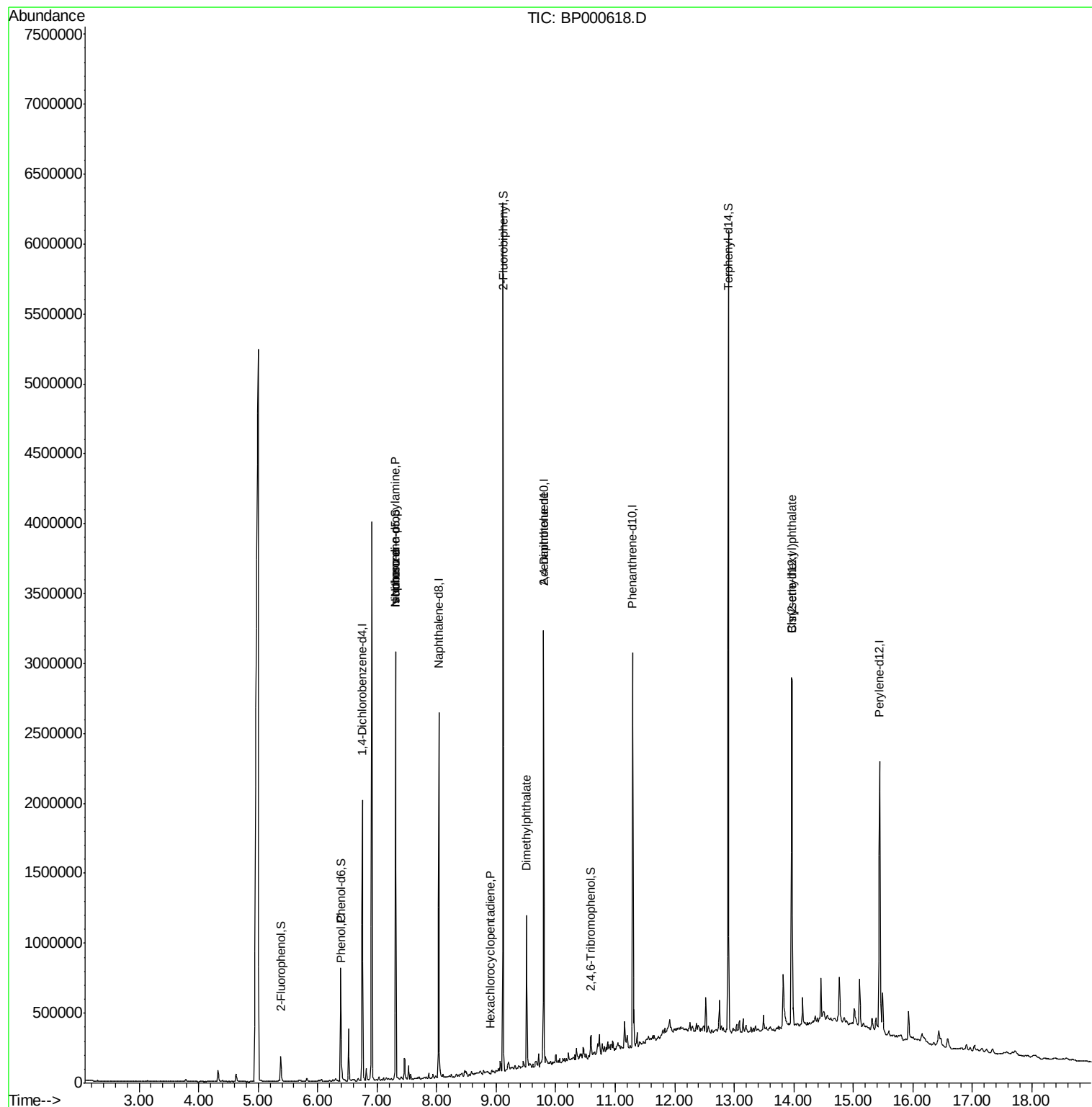
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	274688	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	1026594	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	561599	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	992030	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	810519	20.00	ng	-0.01
87) Perylene-d12	15.44	264	877391	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	62589	3.66	ng	-0.01
7) Phenol-d6	6.39	99	243541	11.83	ng	-0.02
23) Nitrobenzene-d5	7.31	82	896456	53.33	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	18227	3.05	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1721028	49.58	ng	-0.02
79) Terphenyl-d14	12.90	244	1902120	47.52	ng	-0.02
Target Compounds						
10) Phenol	6.40	94	44808	2.125	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	7.31	70	111802	11.779	ng	# 73
25) Isophorone	7.31	82	895083	30.004	ng	# 61
41) Hexachlorocyclopentadiene	8.89	237	22	7.300	ng	88
50) Dimethylphthalate	9.51	163	365126	9.357	ng	99
57) 2,4-Dinitrotoluene	9.80	165	74258	6.581	ng	# 32
84) Bis(2-ethylhexyl)phthalate	13.96	149	99288	3.241	ng	100

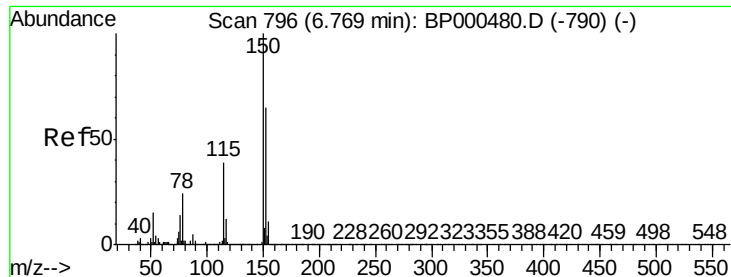
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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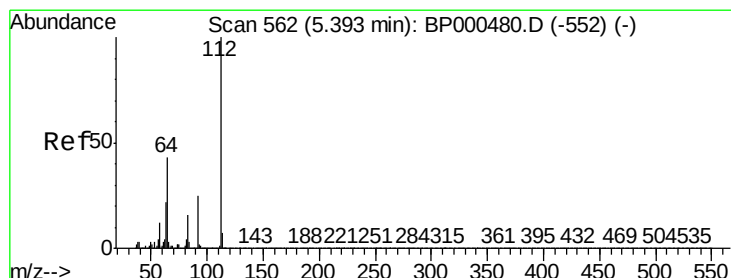
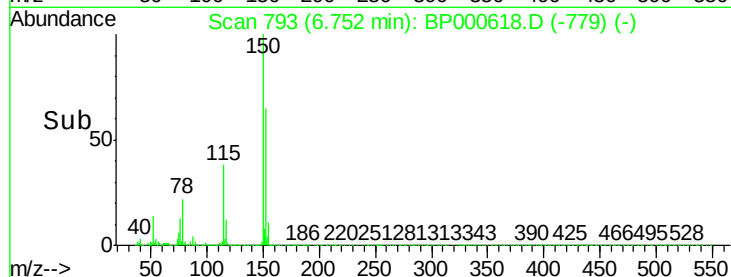
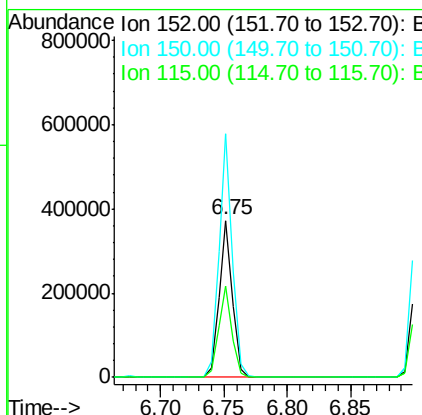
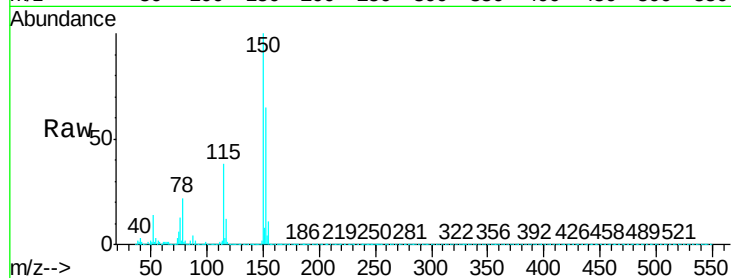


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000618.D
Acq: 10 Oct 2019 16:04

Instrument :
BNA_P
ClientSampleId :
20190858-AMENDED-COMP-E

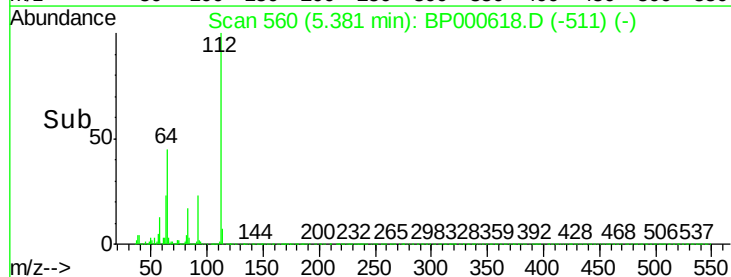
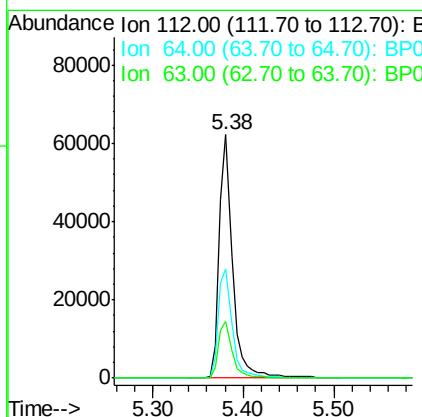
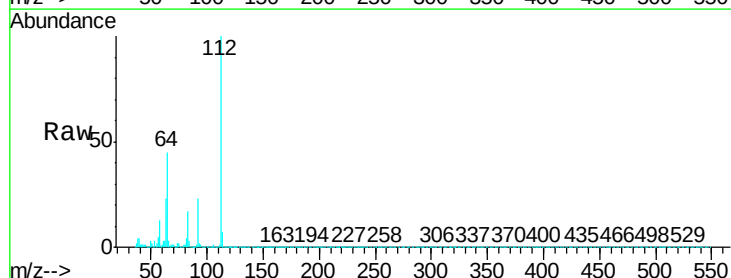
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.1	186.1
115	58.4	48.7	73.1

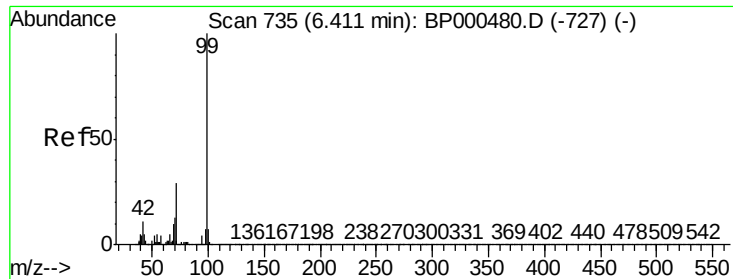


#5

2-Fluorophenol
Concen: 3.663 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BP000618.D
Acq: 10 Oct 2019 16:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.7	34.2	51.4
63	23.4	17.9	26.9





#7

Phenol-d6

Concen: 11.827 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BP000618.D

Acq: 10 Oct 2019 16:04

Instrument :

BNA_P

ClientSampleId :

20190858-AMENDED-COMP-E

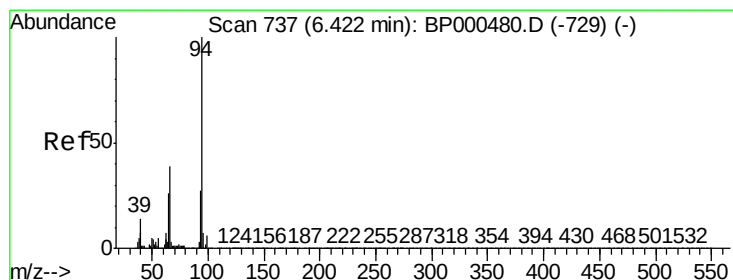
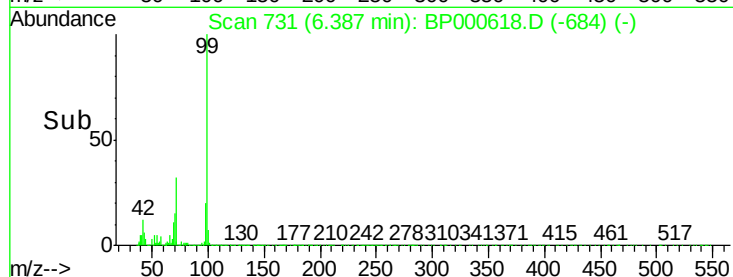
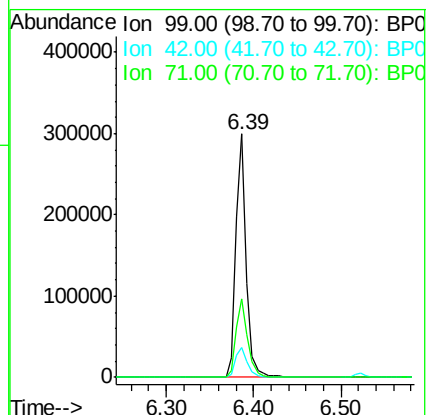
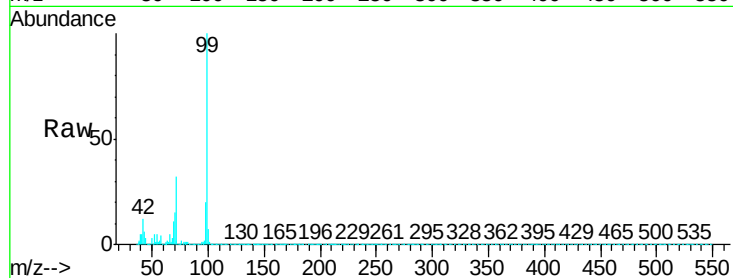
Tgt Ion: 99 Resp: 243541

Ion Ratio Lower Upper

99 100

42 12.5 8.6 12.8

71 32.2 23.0 34.4



#10

Phenol

Concen: 2.125 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BP000618.D

Acq: 10 Oct 2019 16:04

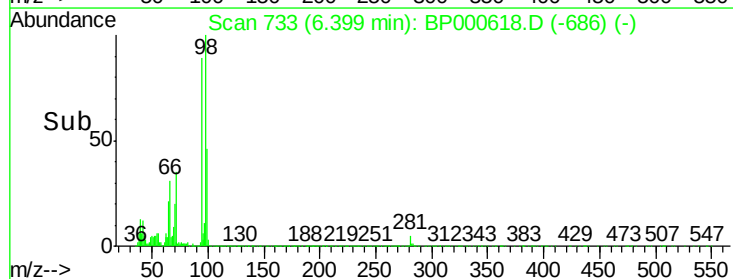
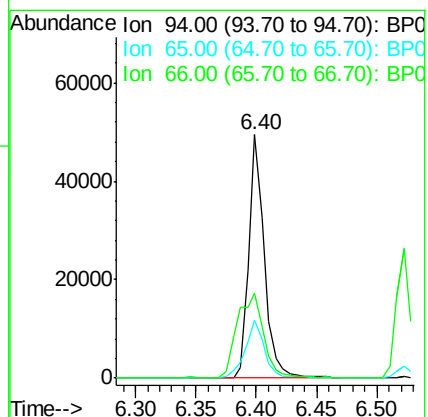
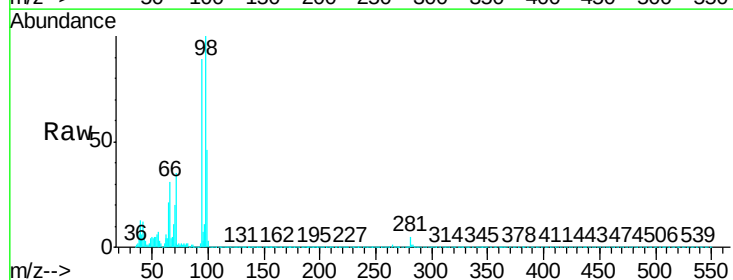
Tgt Ion: 94 Resp: 44808

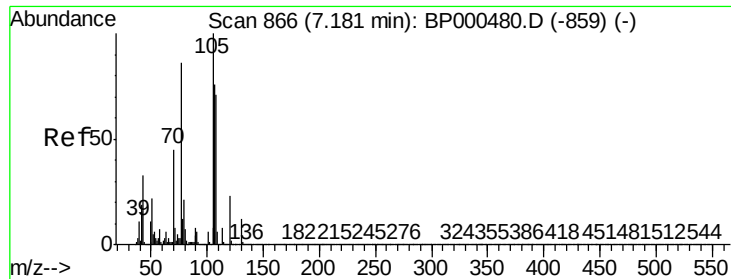
Ion Ratio Lower Upper

94 100

65 24.1 5.9 45.9

66 35.1 18.8 58.8

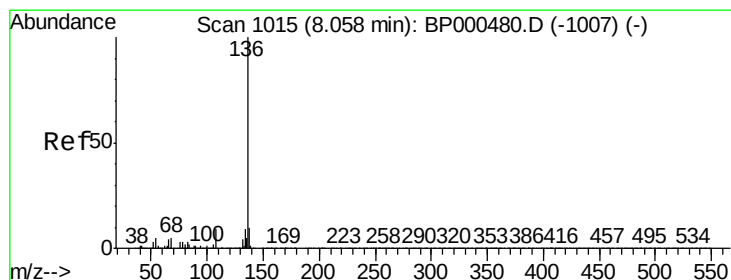
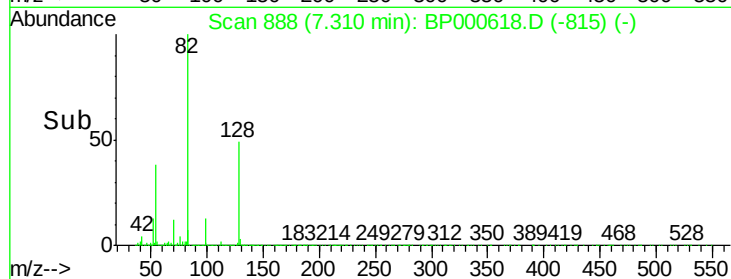
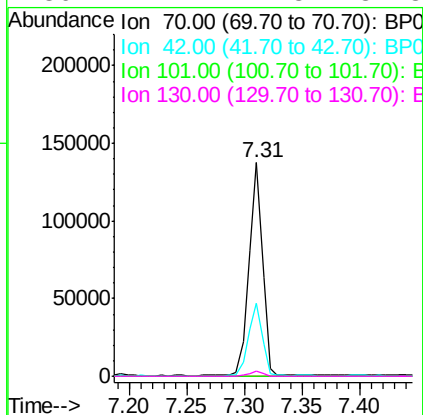
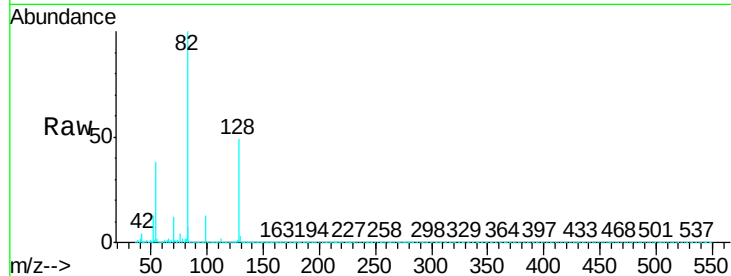




#19
n-Nitroso-di-n-propylamine
Concen: 11.779 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000618.D
Acq: 10 Oct 2019 16:04

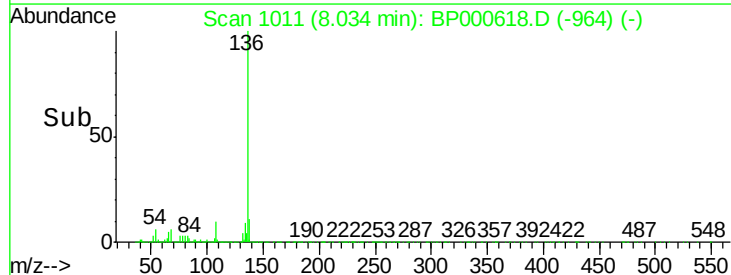
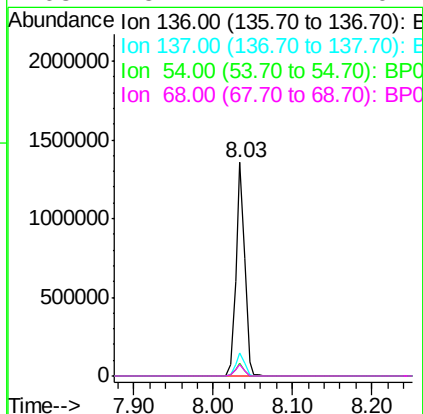
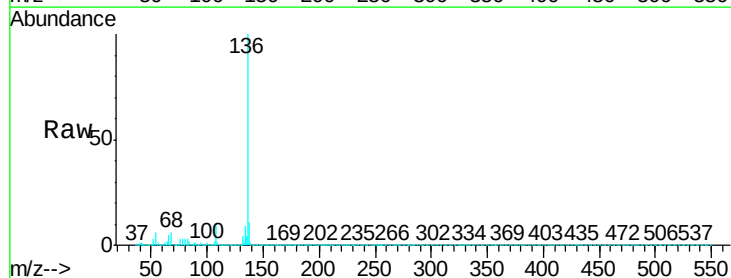
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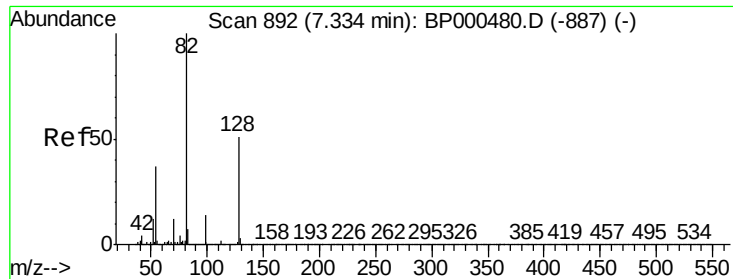
Tgt Ion:	70	Resp:	111802
Ion	Ratio	Lower	Upper
70	100		
42	34.4	33.2	49.8
101	0.1	9.9	14.9#
130	2.7	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000618.D
Acq: 10 Oct 2019 16:04

Tgt Ion:	136	Resp:	1026594
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	5.9	4.1	6.1
68	5.7	4.1	6.1

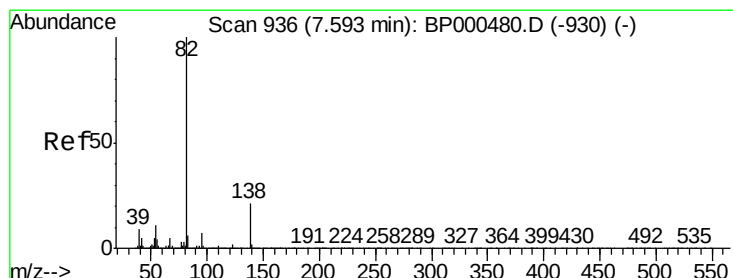
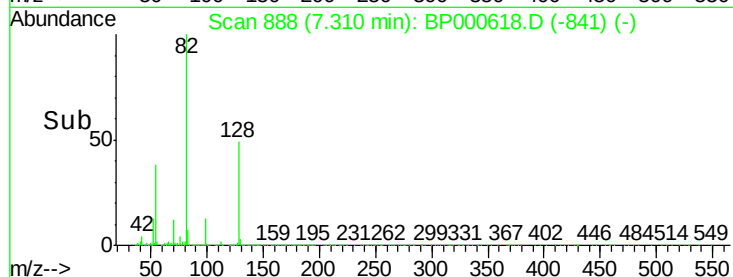
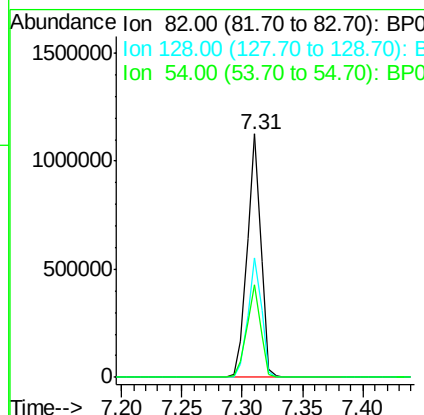
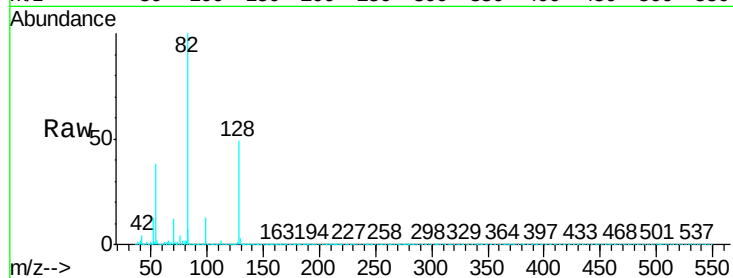




#23
Nitrobenzene-d5
Concen: 53.333 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000618.D
Acq: 10 Oct 2019 16:04

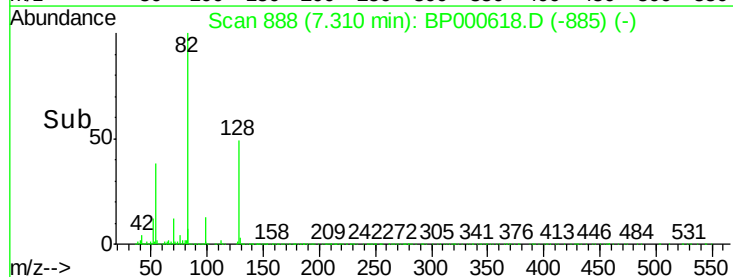
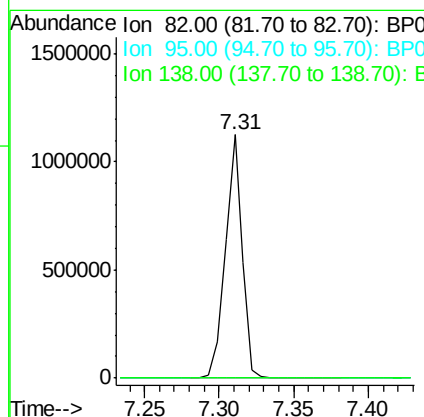
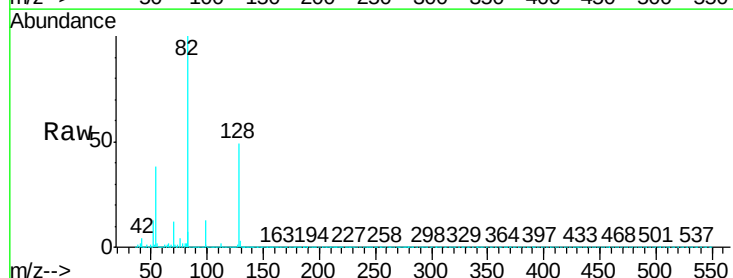
Instrument :
BNA_P
ClientSampleId :
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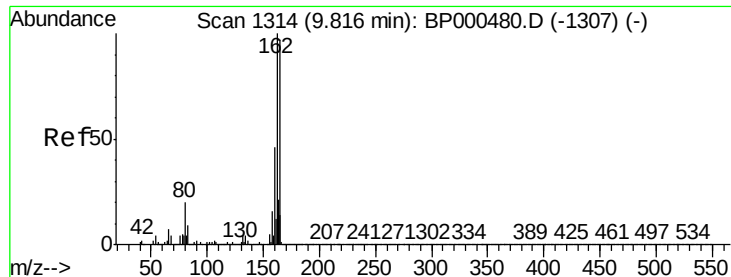
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.2	40.9	61.3
54	38.0	29.4	44.2



#25
Isophorone
Concen: 30.004 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000618.D
Acq: 10 Oct 2019 16:04

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

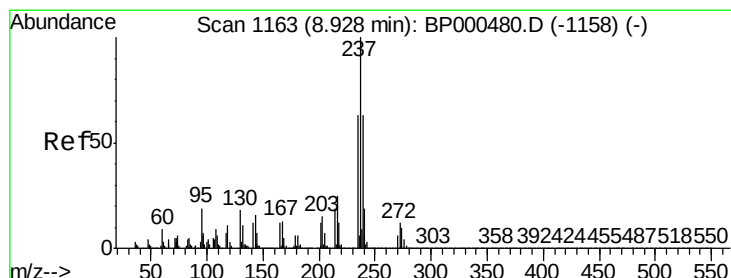
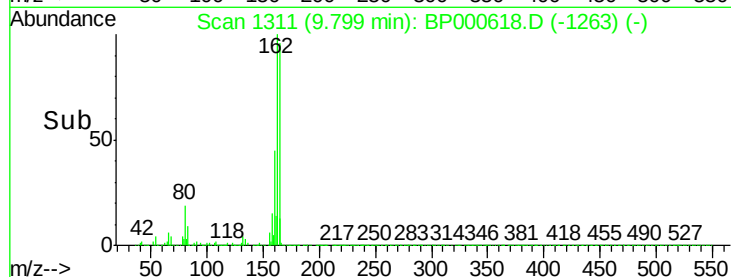
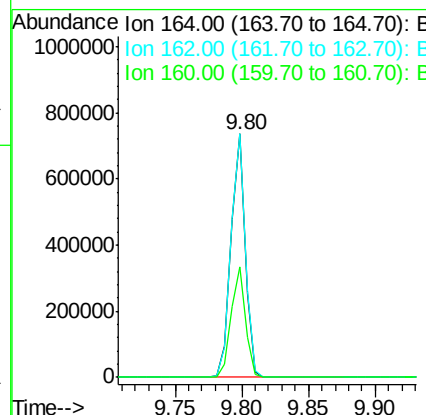
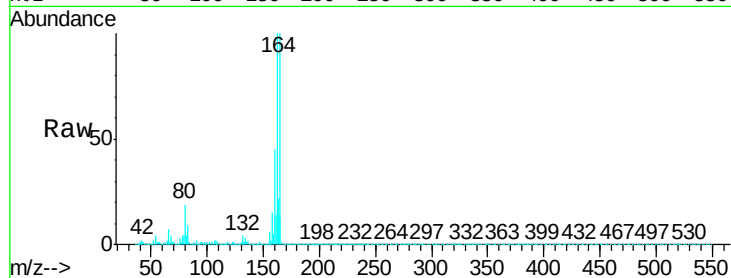




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000618.D
Acq: 10 Oct 2019 16:04

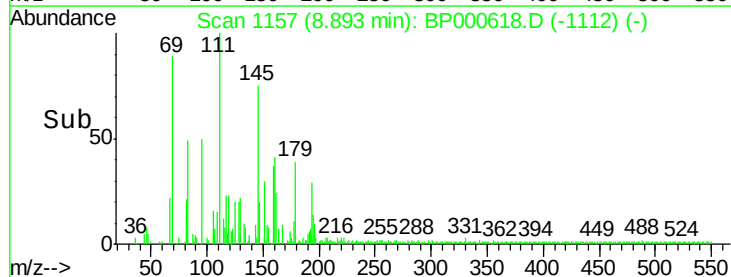
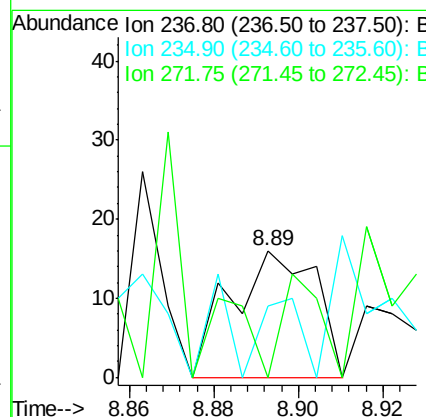
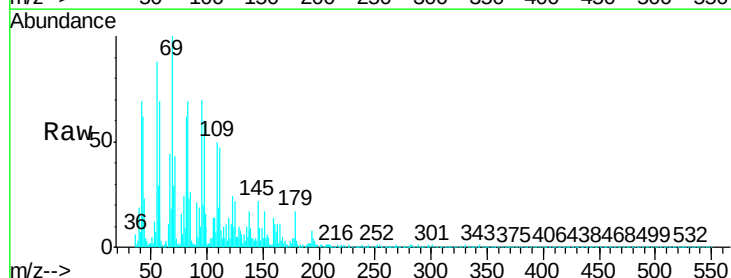
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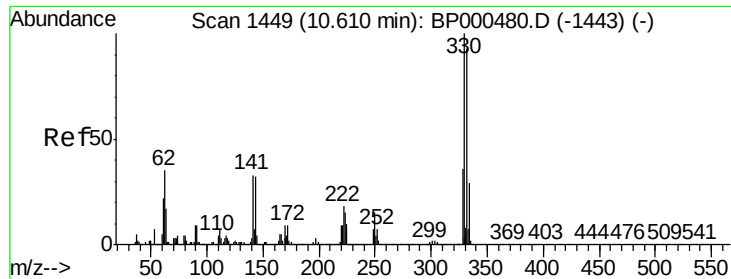
Tgt Ion:164 Resp: 561599
Ion Ratio Lower Upper
164 100
162 100.0 82.2 123.2
160 45.3 37.6 56.4



#41
Hexachlorocyclopentadiene
Concen: 7.300 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.04 min
Lab File: BP000618.D
Acq: 10 Oct 2019 16:04

Tgt Ion:237 Resp: 22
Ion Ratio Lower Upper
237 100
235 56.3 42.9 82.9
272 0.0 0.0 32.4

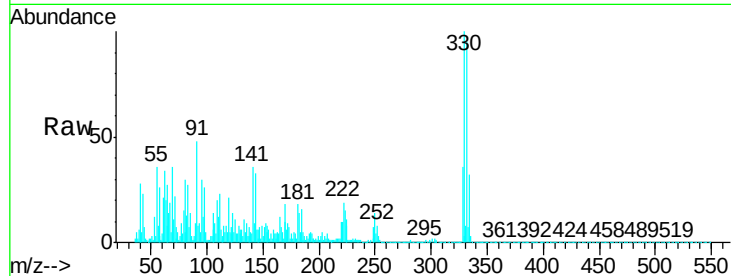




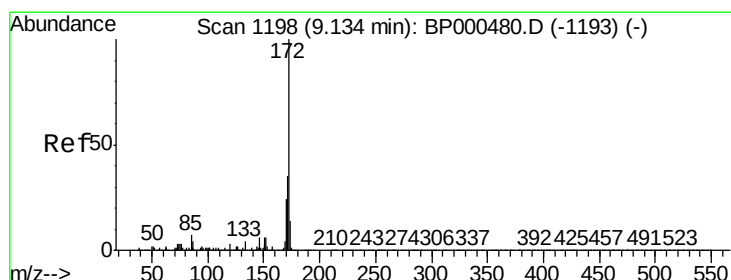
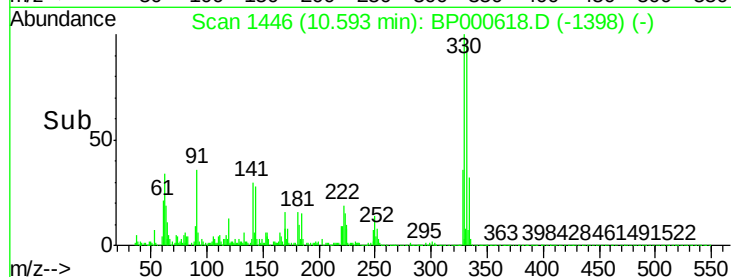
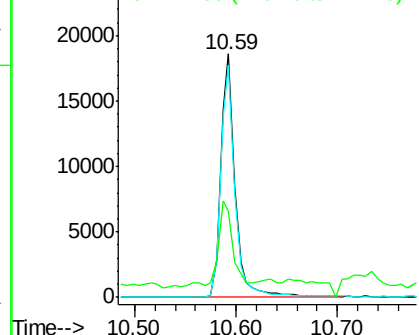
#42
2,4,6-Tribromophenol
Concen: 3.046 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000618.D
Acq: 10 Oct 2019 16:04

Instrument :
BNA_P
ClientSampleId :
20190858-AMENDED-COMP-E

Tgt Ion: 330 Resp: 18227
Ion Ratio Lower Upper
330 100
332 94.1 77.1 115.7
141 33.5 26.0 39.0

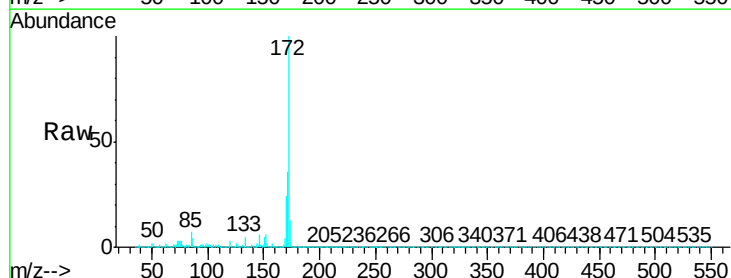


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

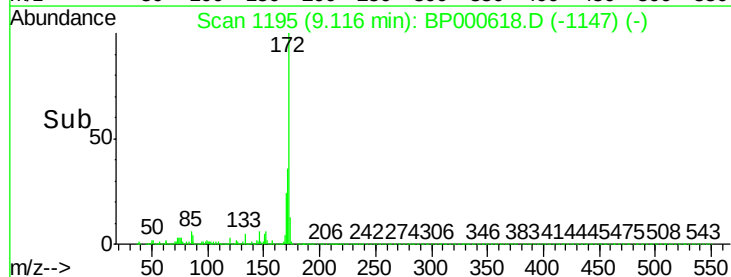
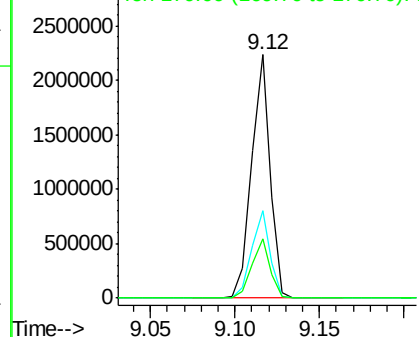


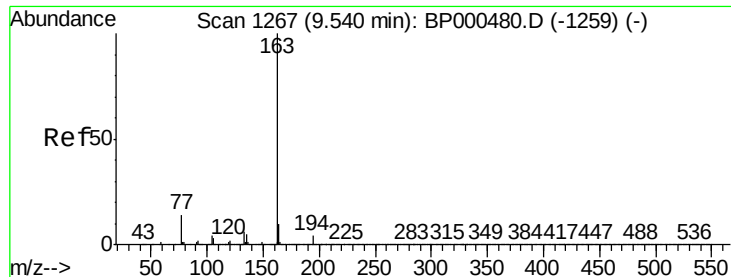
#45
2-Fluorobiphenyl
Concen: 49.584 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000618.D
Acq: 10 Oct 2019 16:04

Tgt Ion: 172 Resp: 1721028
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 24.1 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

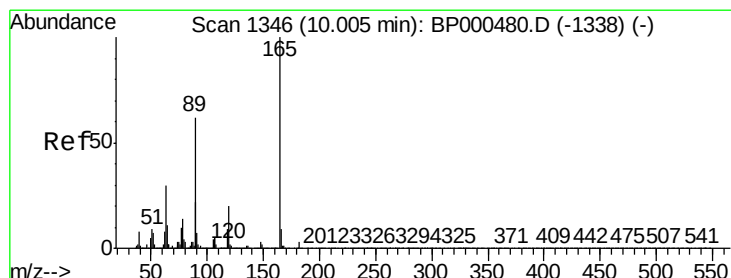
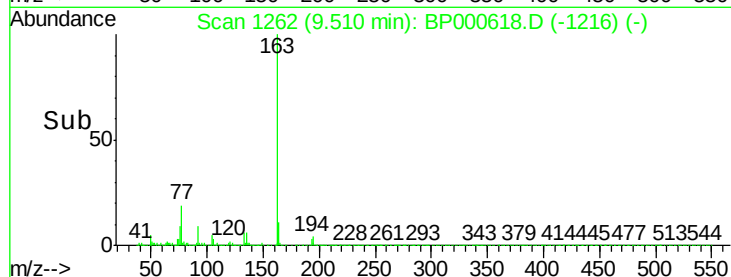
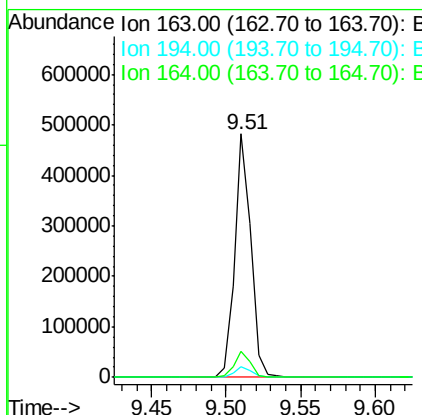
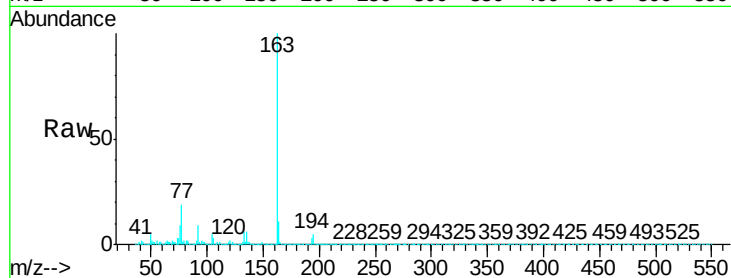




#50
Dimethylphthalate
Concen: 9.357 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000618.D
Acq: 10 Oct 2019 16:04

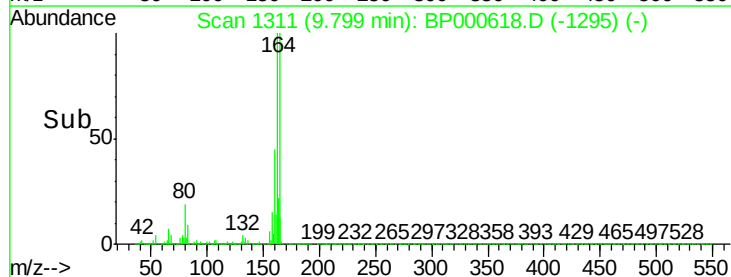
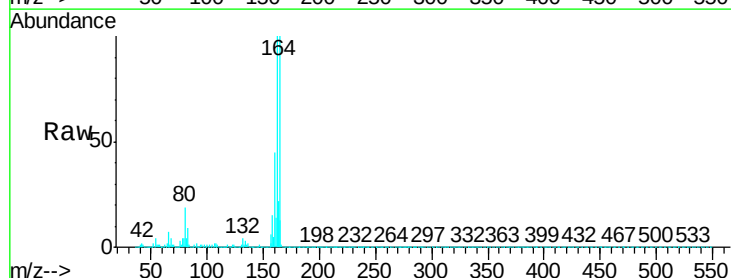
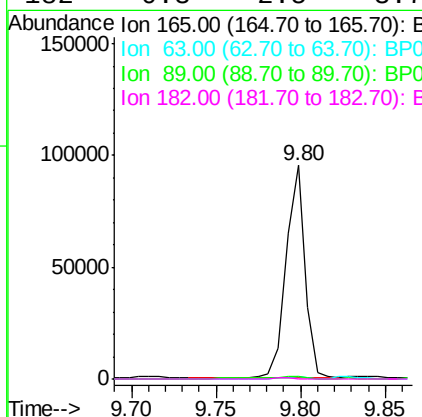
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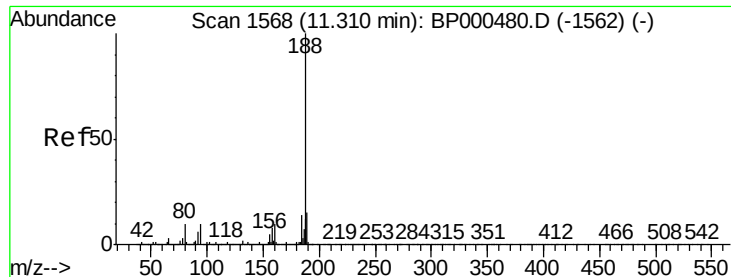
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.5	8.0	12.0



#57
2,4-Dinitrotoluene
Concen: 6.581 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BP000618.D
Acq: 10 Oct 2019 16:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	24.2	36.4#
89	1.3	49.4	74.0#
182	0.3	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: BP000618.D

Acq: 10 Oct 2019 16:04

Instrument :

BNA_P

ClientSampleId :

20190858-AMENDED-COMP-E

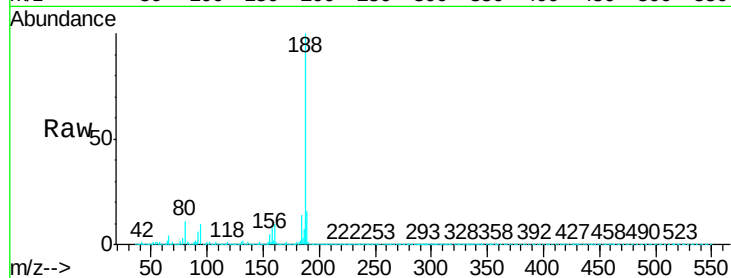
Tgt Ion:188 Resp: 992030

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

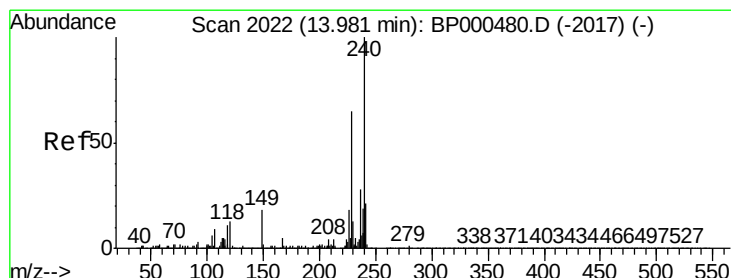
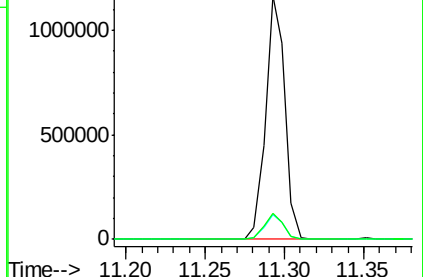
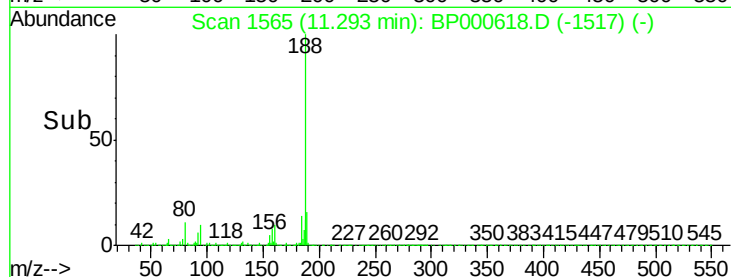
80 10.6 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BP000618.D

Acq: 10 Oct 2019 16:04

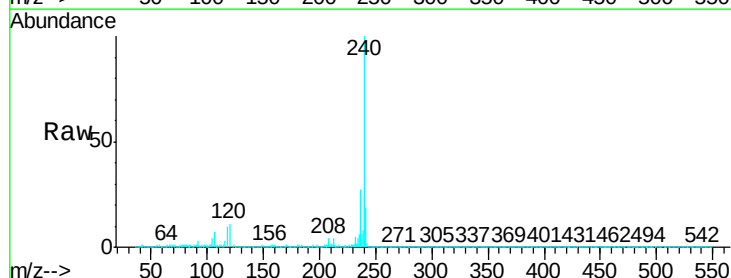
Tgt Ion:240 Resp: 810519

Ion Ratio Lower Upper

240 100

120 10.7 10.1 15.1

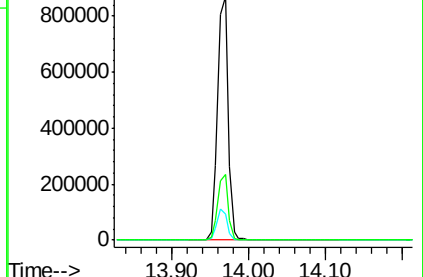
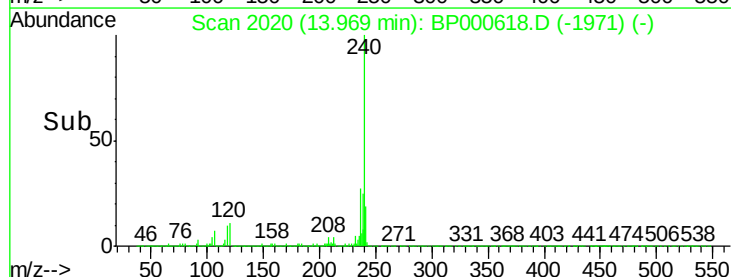
236 26.9 22.7 34.1

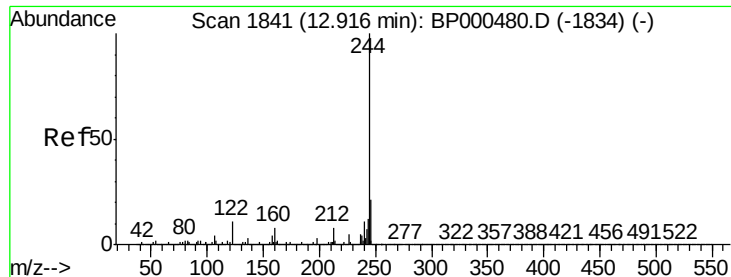


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 47.516 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BP000618.D

Acq: 10 Oct 2019 16:04

Instrument :

BNA_P

ClientSampleId :

20190858-AMENDED-COMP-E

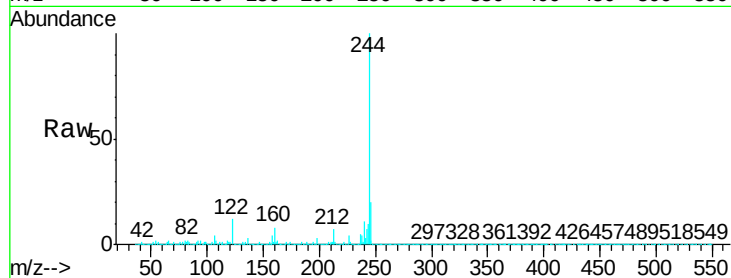
Tgt Ion:244 Resp: 1902120

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

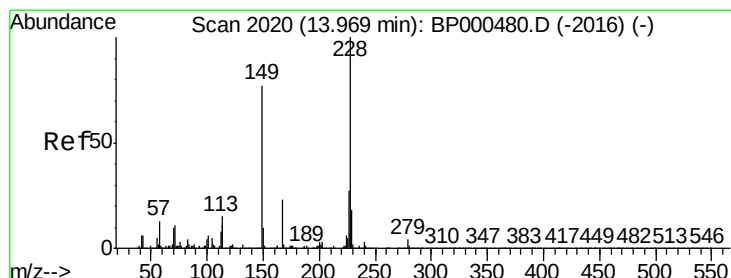
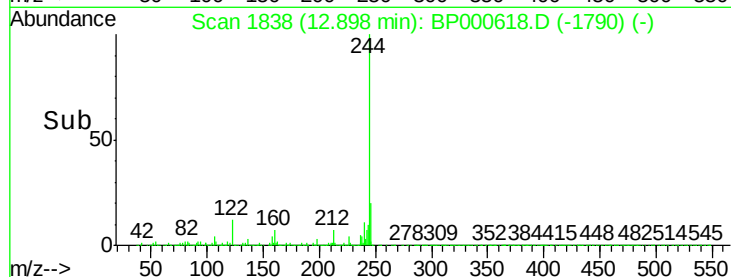
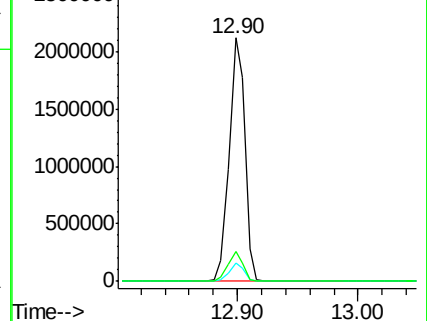
122 12.3 8.9 13.3



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.241 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BP000618.D

Acq: 10 Oct 2019 16:04

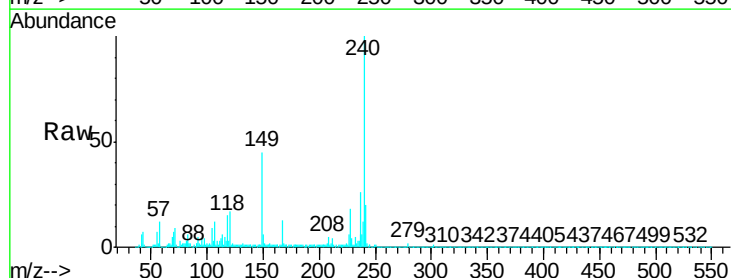
Tgt Ion:149 Resp: 99288

Ion Ratio Lower Upper

149 100

167 29.4 23.6 35.4

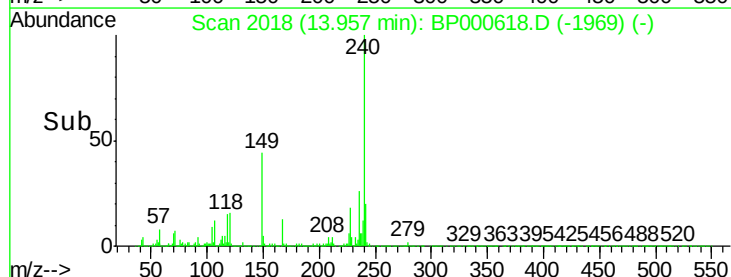
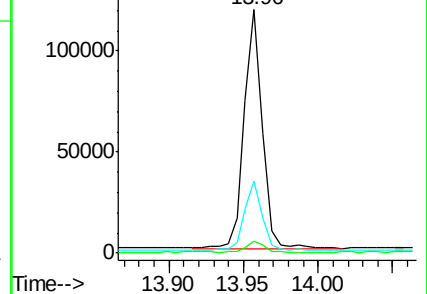
279 4.7 3.9 5.9

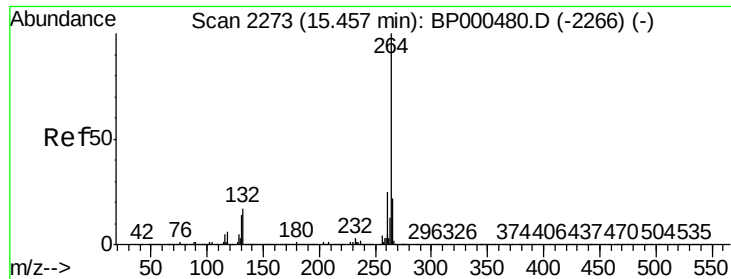


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BP000618.D
Acq: 10 Oct 2019 16:04

Instrument :
BNA_P
ClientSampleId :
20190858-AMENDED-COMP-E

Tgt Ion:	264	Resp:	877391
Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.3	30.5
265	22.0	18.0	27.0

