

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101019\
 Data File : BP000621.D
 Acq On : 10 Oct 2019 17:16
 Operator : JU
 Sample : K5292-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Oct 11 02:26:37 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

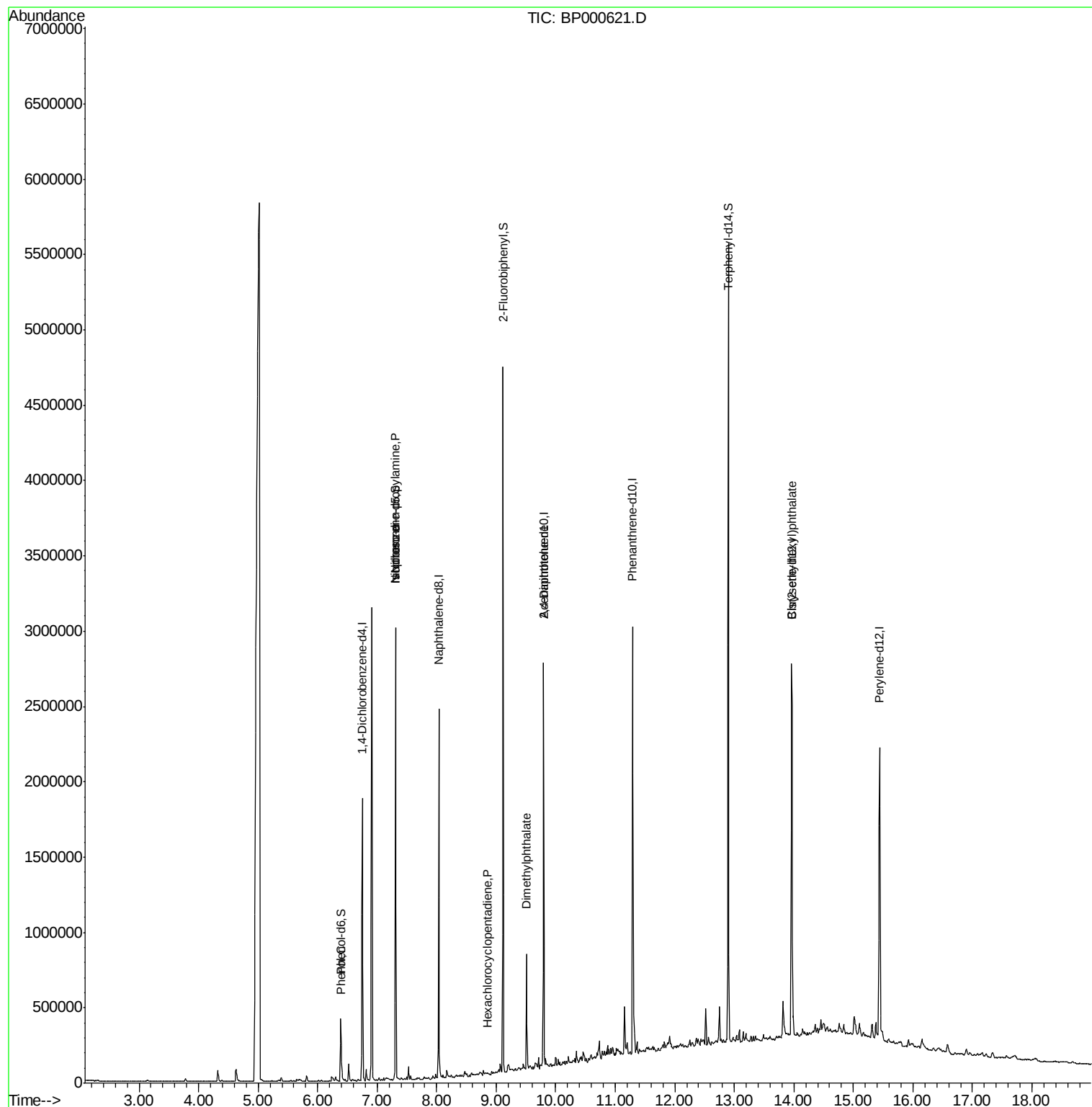
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	260625	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	962348	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	536278	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	947842	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	791589	20.00	ng	-0.02
87) Perylene-d12	15.44	264	871125	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	10408	0.64	ng	0.00
7) Phenol-d6	6.39	99	131256	6.72	ng	-0.02
23) Nitrobenzene-d5	7.31	82	857110	54.40	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	1540	0.27	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1359736	41.02	ng	-0.02
79) Terphenyl-d14	12.90	244	1739465	44.49	ng	-0.02
Target Compounds						
10) Phenol	6.40	94	60542	3.026	ng	93
19) n-Nitroso-di-n-propylamine	7.31	70	107755	11.965	ng	# 73
25) Isophorone	7.31	82	855132	30.579	ng	# 61
41) Hexachlorocyclopentadiene	8.86	237	32	7.301	ng	79
50) Dimethylphthalate	9.51	163	249466	6.695	ng	99
57) 2,4-Dinitrotoluene	9.80	165	70295	6.524	ng	# 32
84) Bis(2-ethylhexyl)phthalate	13.96	149	73900	2.470	ng	100

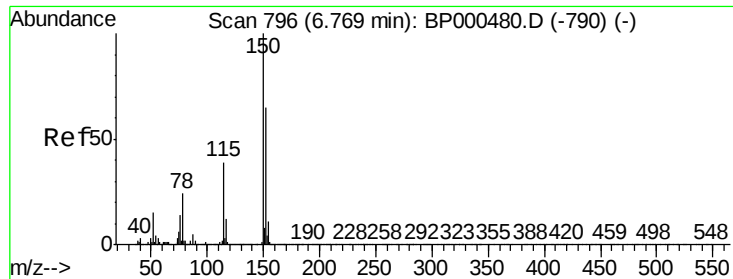
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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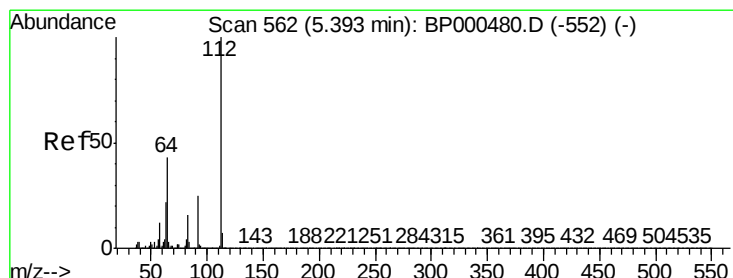
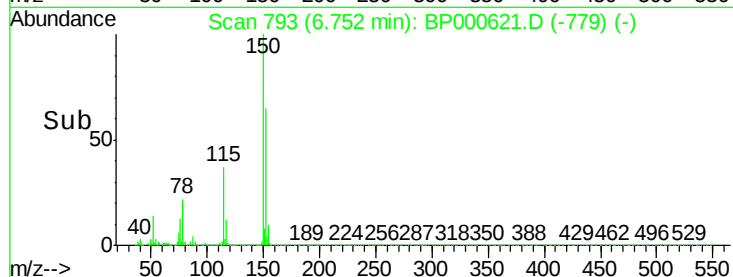
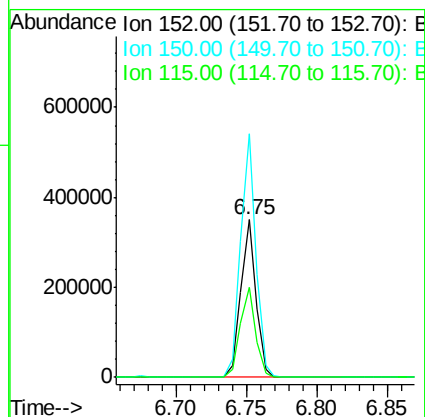
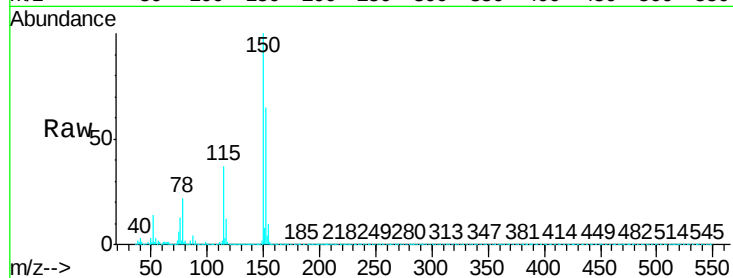


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000621.D
Acq: 10 Oct 2019 17:16

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

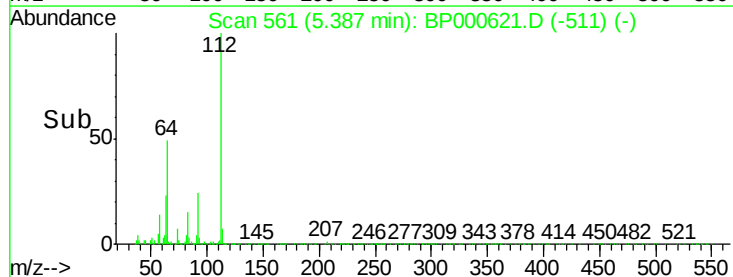
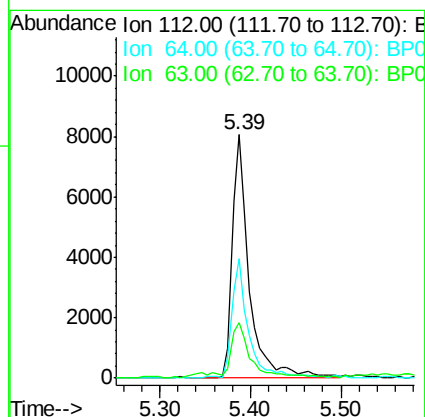
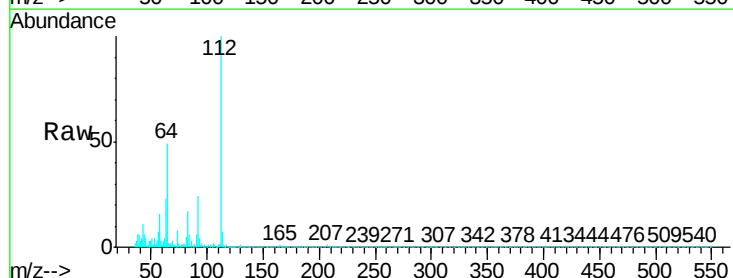
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.1	186.1
115	57.2	48.7	73.1

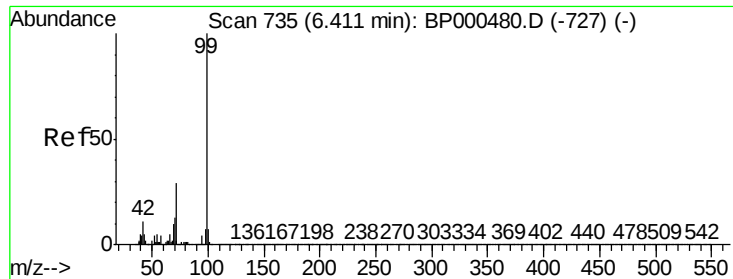


#5

2-Fluorophenol
Concen: 0.642 ng
RT: 5.39 min Scan# 561
Delta R.T. -0.01 min
Lab File: BP000621.D
Acq: 10 Oct 2019 17:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.0	34.2	51.4
63	22.8	17.9	26.9





#7

Phenol-d6

Concen: 6.718 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BP000621.D

Acq: 10 Oct 2019 17:16

Instrument :

BNA_P

ClientSampleId :

20190858-AMENDED-COMP-E

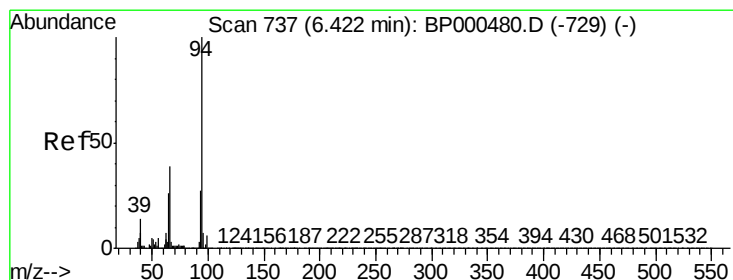
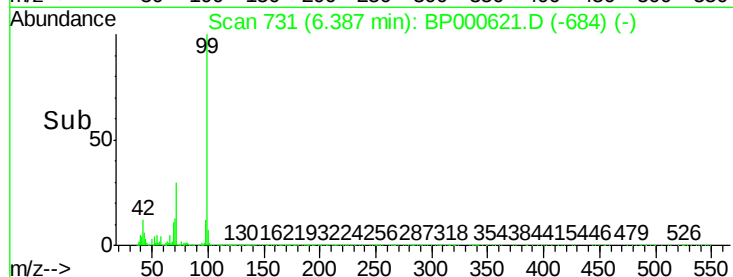
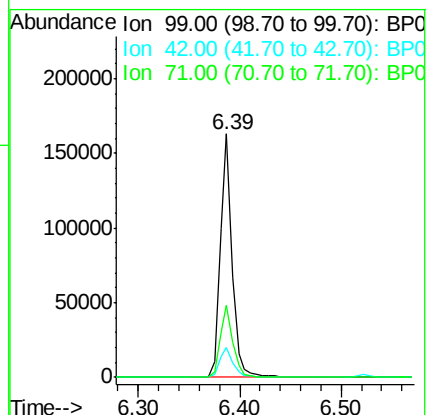
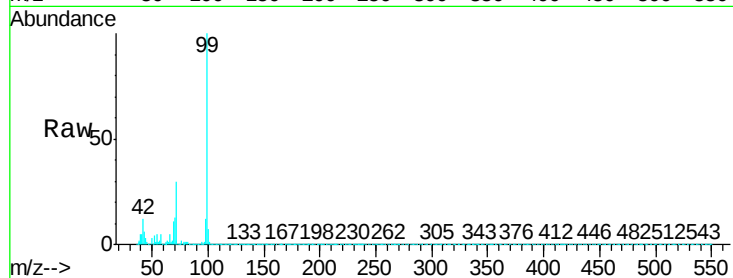
Tgt Ion: 99 Resp: 131256

Ion Ratio Lower Upper

99 100

42 12.2 8.6 12.8

71 29.8 23.0 34.4



#10

Phenol

Concen: 3.026 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BP000621.D

Acq: 10 Oct 2019 17:16

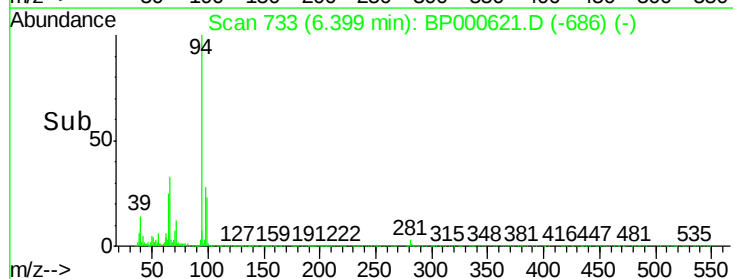
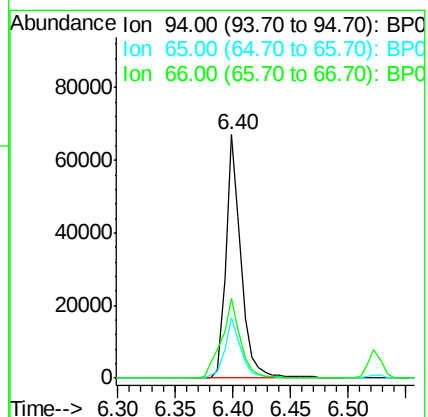
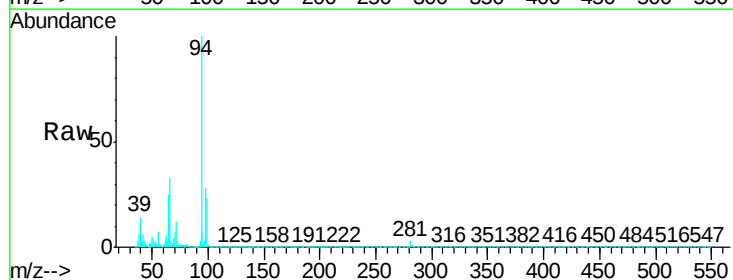
Tgt Ion: 94 Resp: 60542

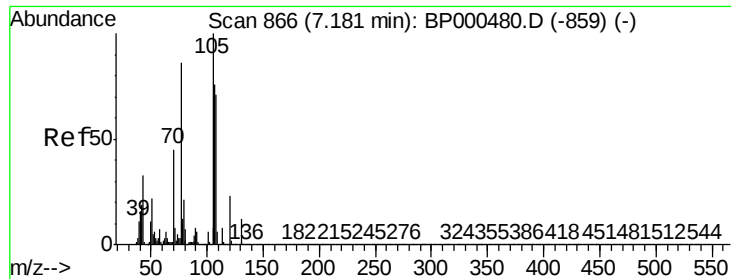
Ion Ratio Lower Upper

94 100

65 24.8 5.9 45.9

66 32.8 18.8 58.8

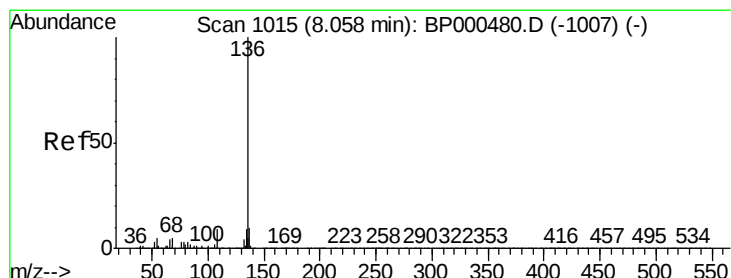
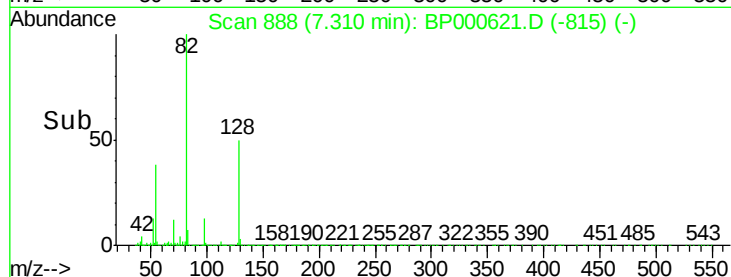
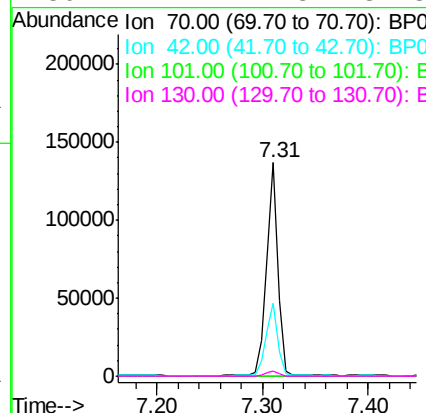
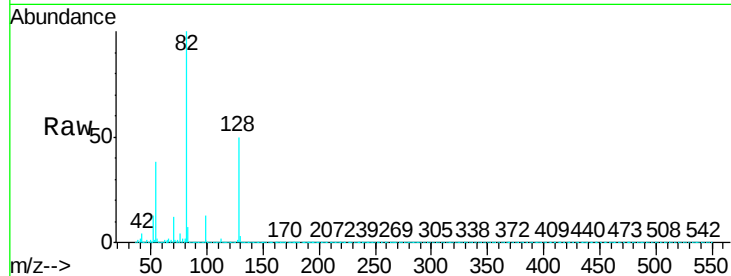




#19
n-Nitroso-di-n-propylamine
Concen: 11.965 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000621.D
Acq: 10 Oct 2019 17:16

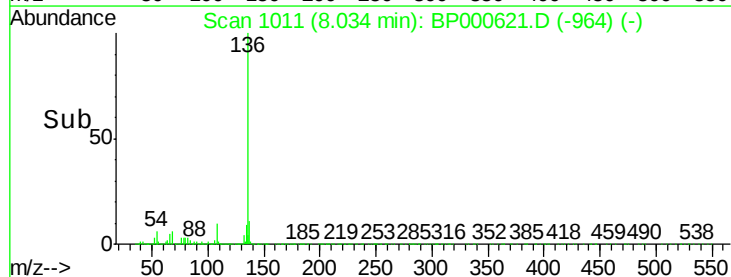
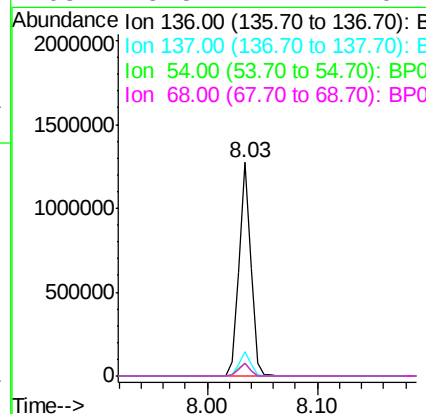
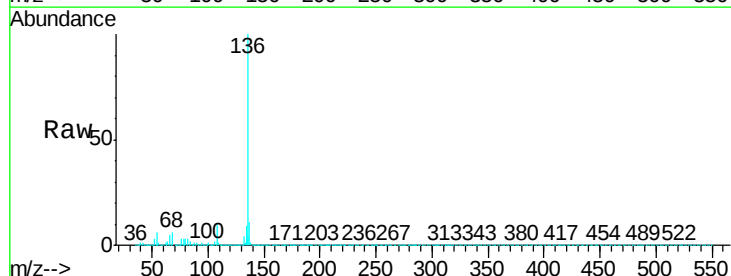
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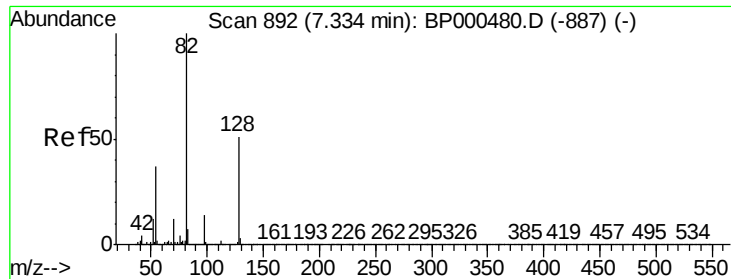
Tgt Ion:	70	Resp:	107755
Ion	Ratio	Lower	Upper
70	100		
42	34.3	33.2	49.8
101	0.0	9.9	14.9#
130	2.7	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000621.D
Acq: 10 Oct 2019 17:16

Tgt Ion:	136	Resp:	962348
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	5.8	4.1	6.1
68	5.8	4.1	6.1

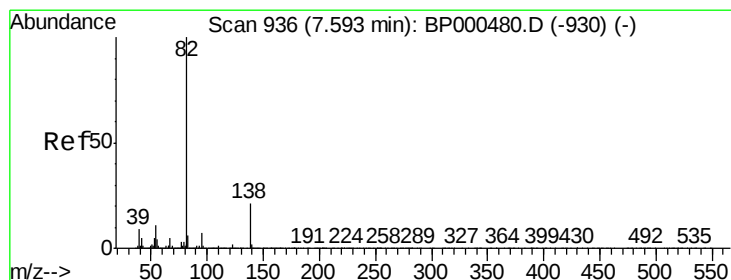
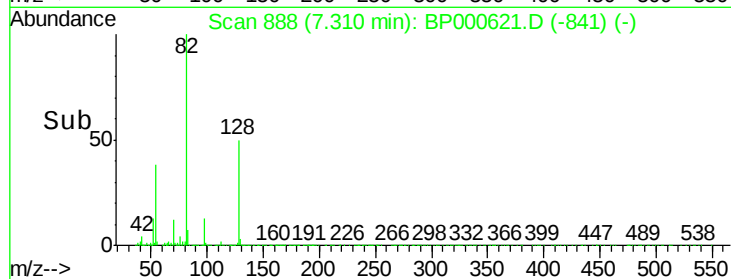
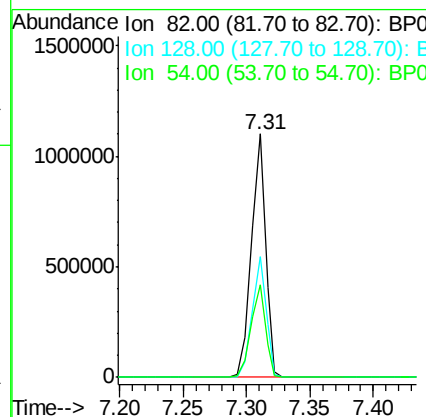
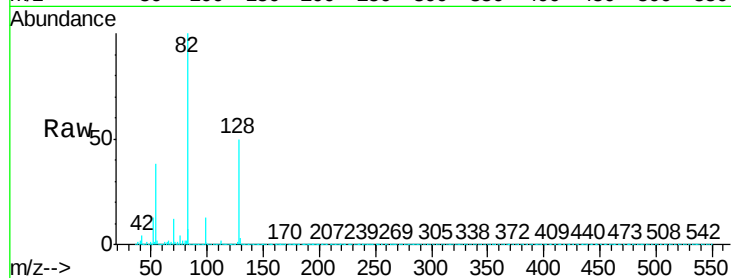




#23
Nitrobenzene-d5
Concen: 54.396 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000621.D
Acq: 10 Oct 2019 17:16

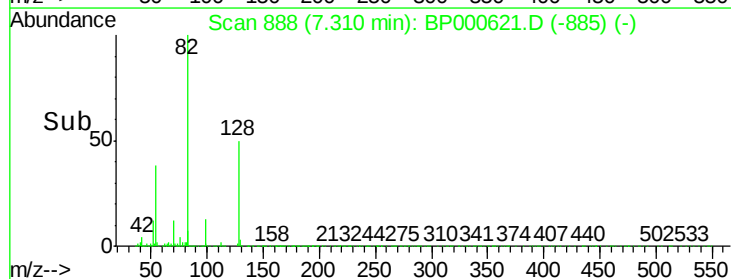
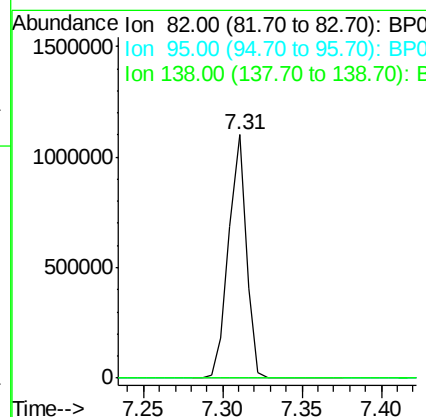
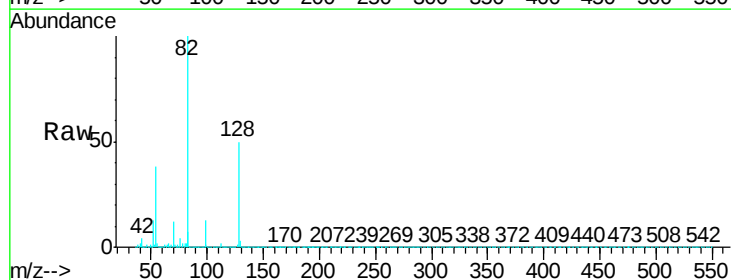
Instrument :
BNA_P
ClientSampleId :
20190858-AMENDED-COMP-E

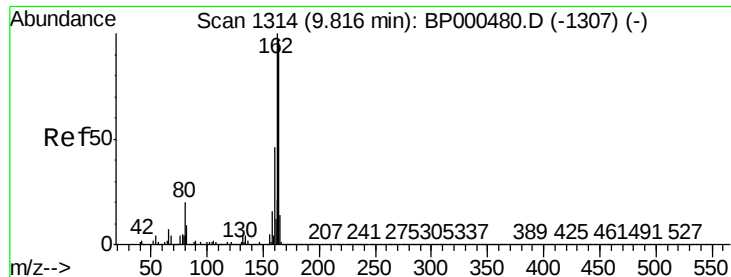
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.6	40.9	61.3
54	37.8	29.4	44.2



#25
Isophorone
Concen: 30.579 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000621.D
Acq: 10 Oct 2019 17:16

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: BP000621.D

Acq: 10 Oct 2019 17:16

Instrument :

BNA_P

ClientSampleId :

20190858-AMENDED-COMP-E

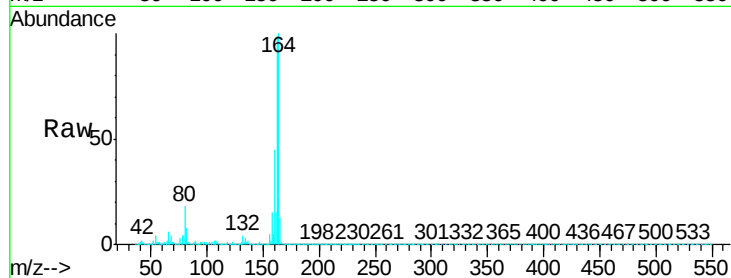
Tgt Ion:164 Resp: 536278

Ion Ratio Lower Upper

164 100

162 99.5 82.2 123.2

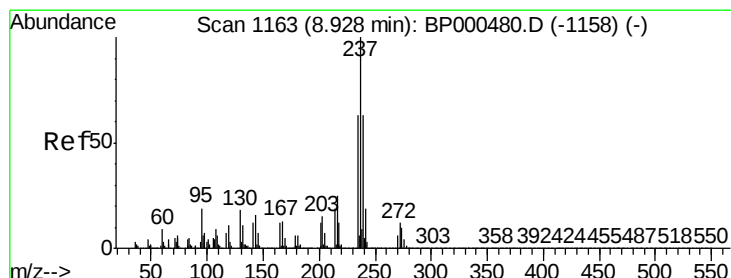
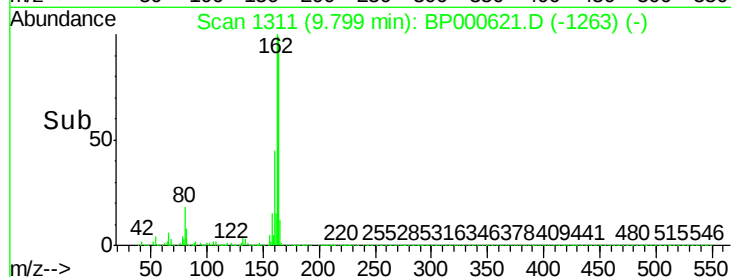
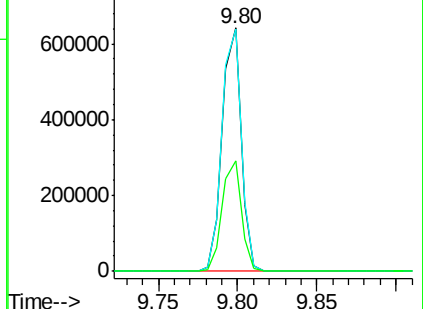
160 45.2 37.6 56.4



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: 7.301 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.07 min

Lab File: BP000621.D

Acq: 10 Oct 2019 17:16

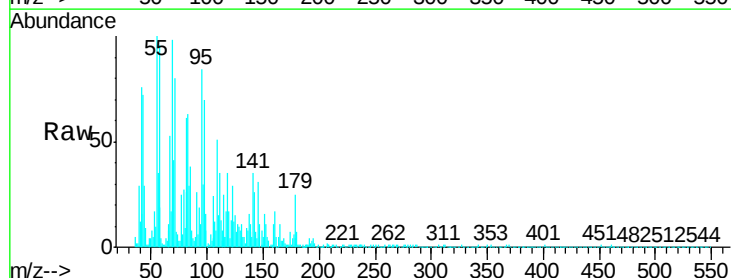
Tgt Ion:237 Resp: 32

Ion Ratio Lower Upper

237 100

235 48.3 42.9 82.9

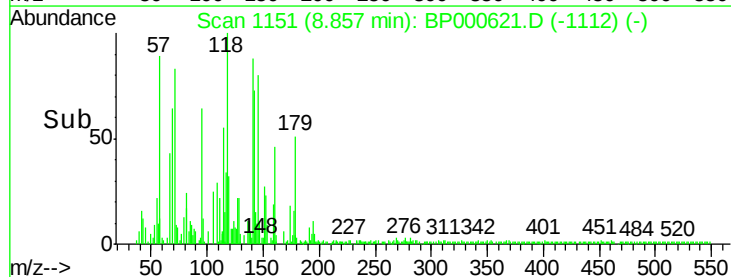
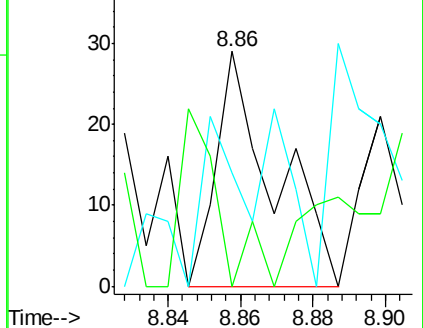
272 0.0 0.0 32.4

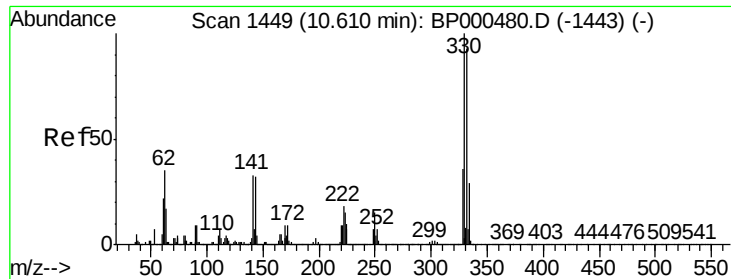


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

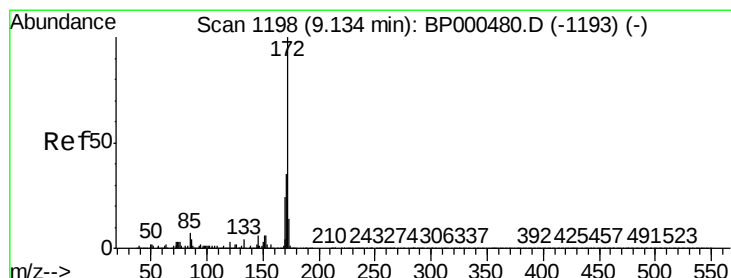
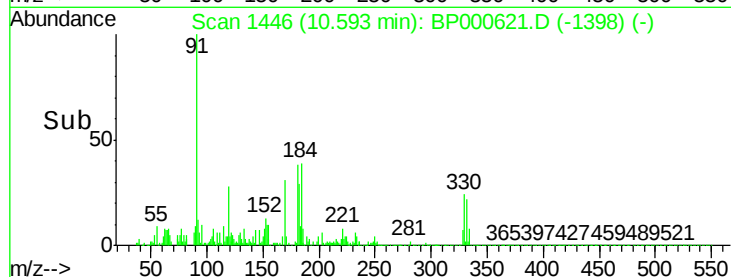
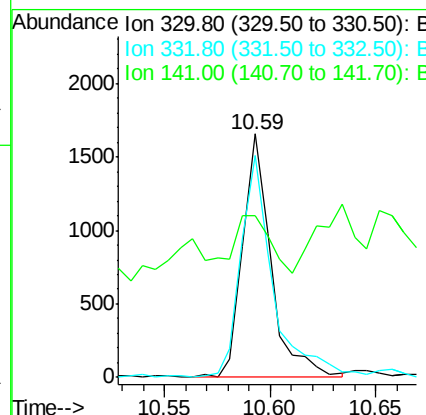
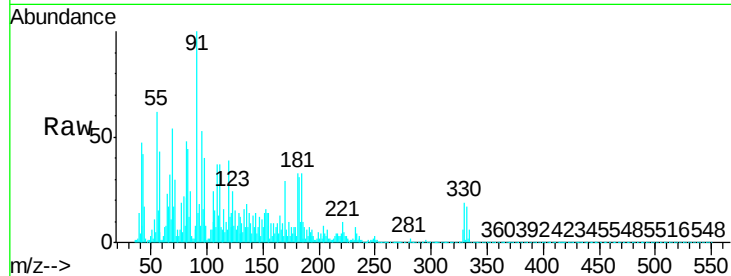




#42
 2,4,6-Tribromophenol
 Concen: 0.269 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BP000621.D
 Acq: 10 Oct 2019 17:16

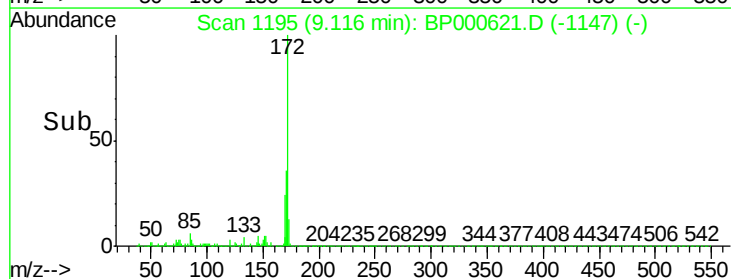
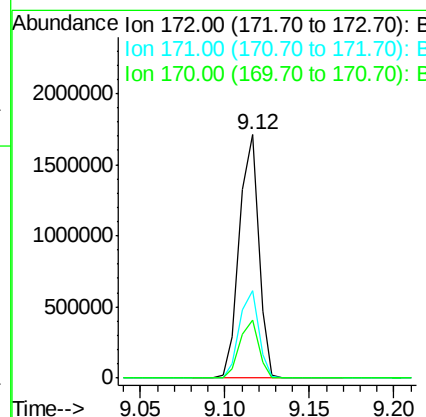
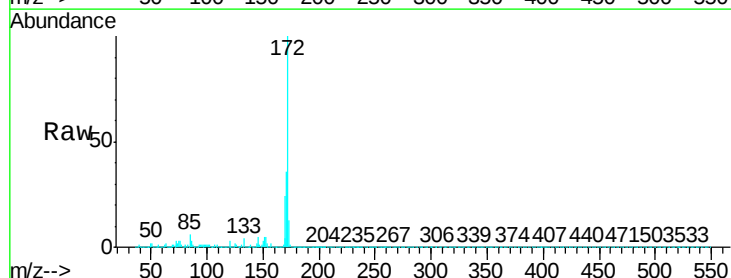
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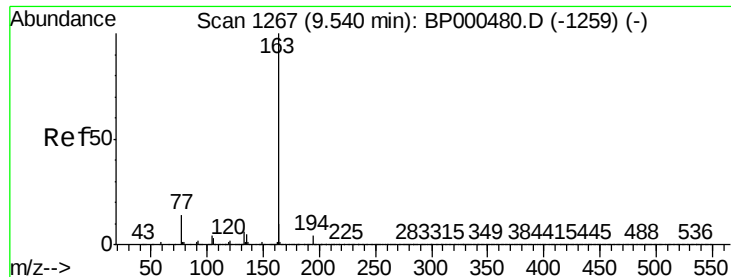
Tgt Ion:330 Resp: 1540
 Ion Ratio Lower Upper
 330 100
 332 103.7 77.1 115.7
 141 25.8 26.0 39.0#



#45
 2-Fluorobiphenyl
 Concen: 41.024 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BP000621.D
 Acq: 10 Oct 2019 17:16

Tgt Ion:172 Resp: 1359736
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.4 42.6
 170 23.9 19.1 28.7

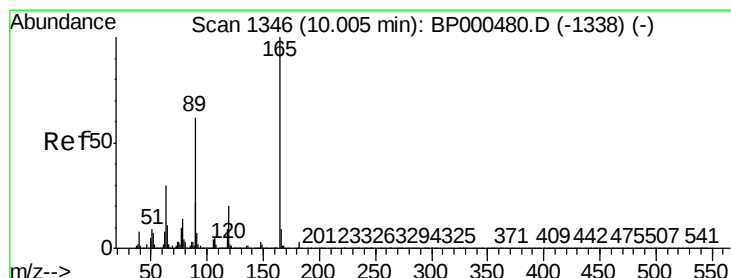
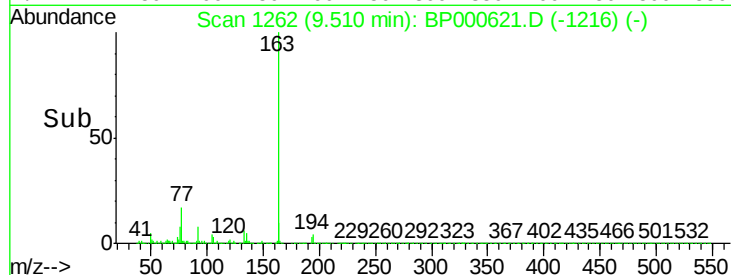
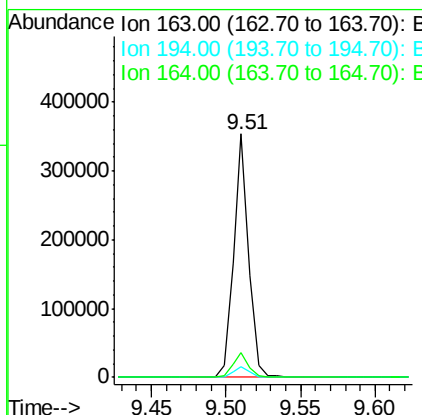
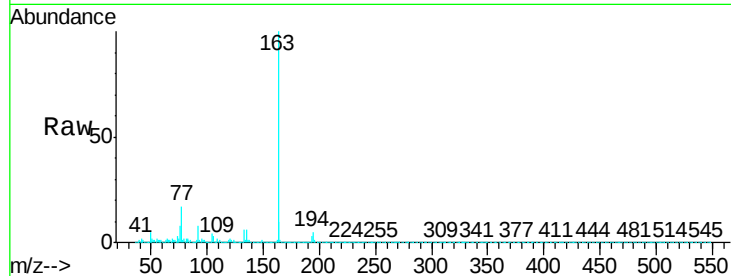




#50
Dimethylphthalate
Concen: 6.695 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000621.D
Acq: 10 Oct 2019 17:16

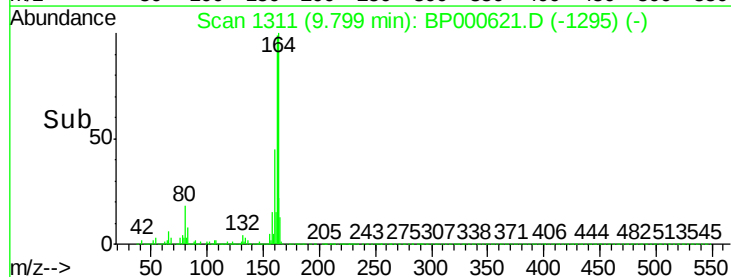
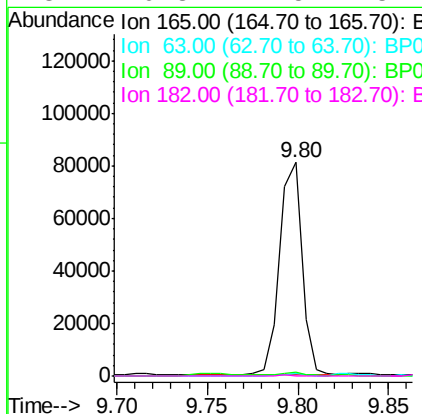
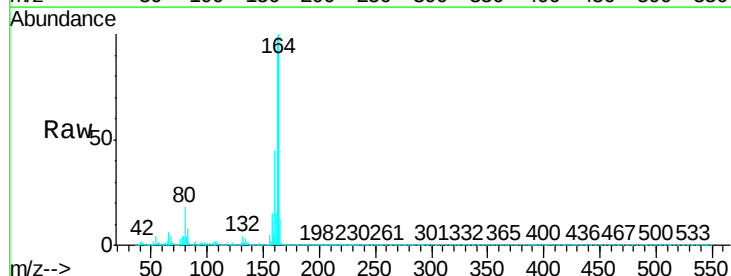
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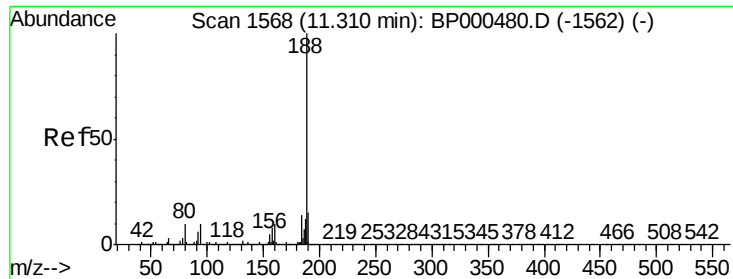
Tgt Ion:163 Resp: 249466
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.4 8.0 12.0



#57
2,4-Dinitrotoluene
Concen: 6.524 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BP000621.D
Acq: 10 Oct 2019 17:16

Tgt Ion:165 Resp: 70295
Ion Ratio Lower Upper
165 100
63 1.1 24.2 36.4#
89 1.7 49.4 74.0#
182 0.3 2.5 3.7#

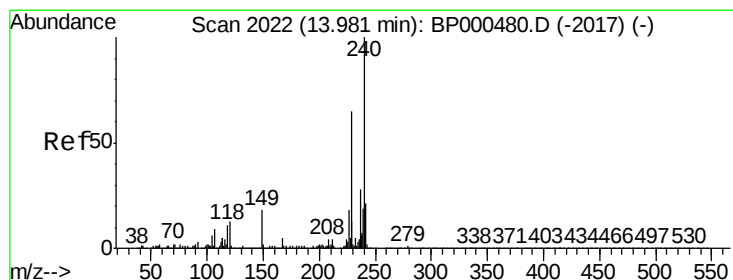
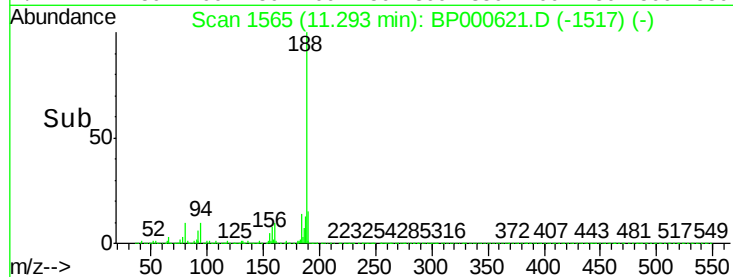
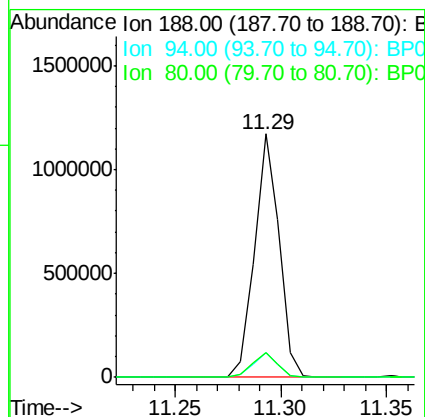
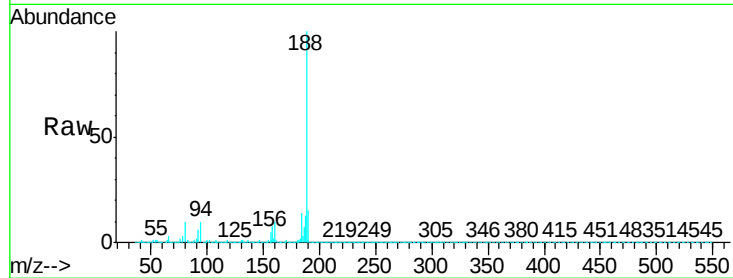




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000621.D
Acq: 10 Oct 2019 17:16

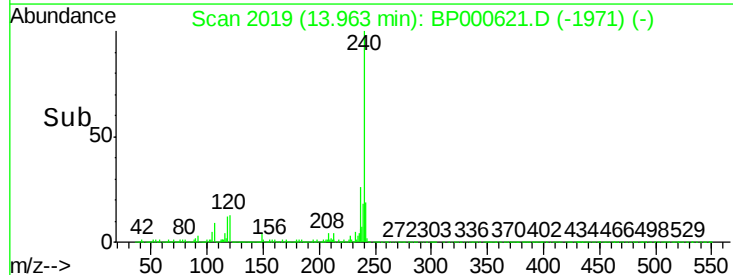
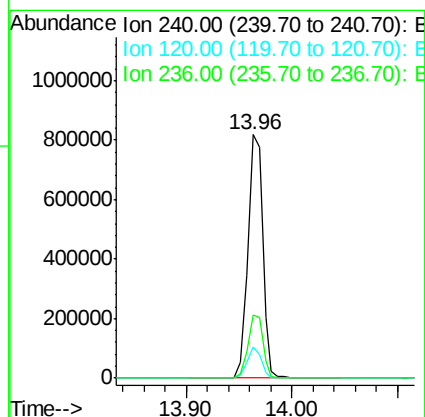
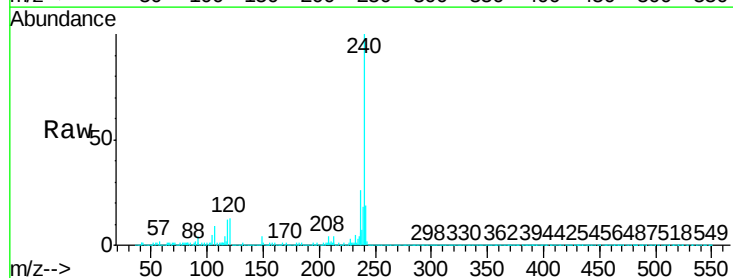
Instrument :
BNA_P
ClientSampleId :
20190858-AMENDED-COMP-E

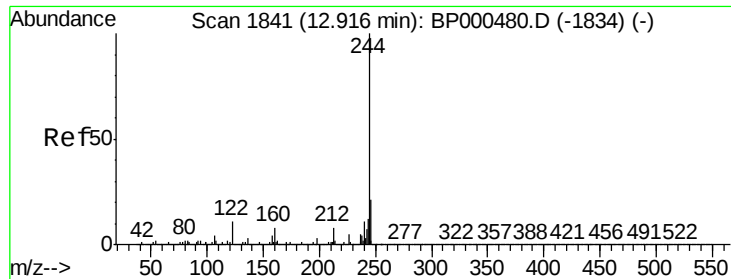
Tgt Ion:188 Resp: 947842
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 10.2 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BP000621.D
Acq: 10 Oct 2019 17:16

Tgt Ion:240 Resp: 791589
Ion Ratio Lower Upper
240 100
120 13.1 10.1 15.1
236 26.1 22.7 34.1

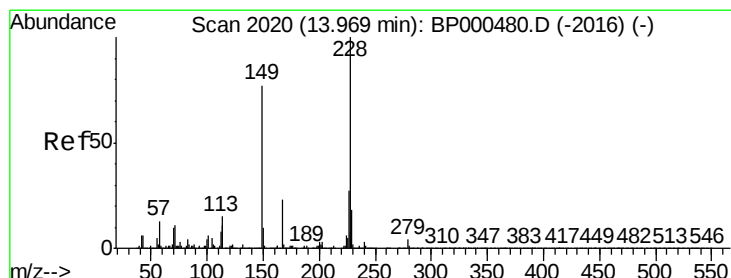
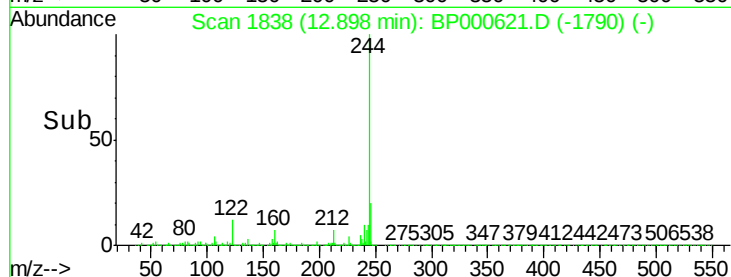
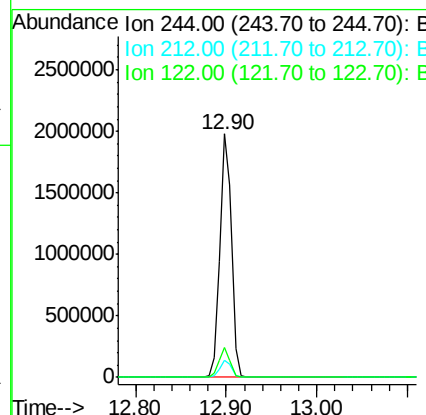
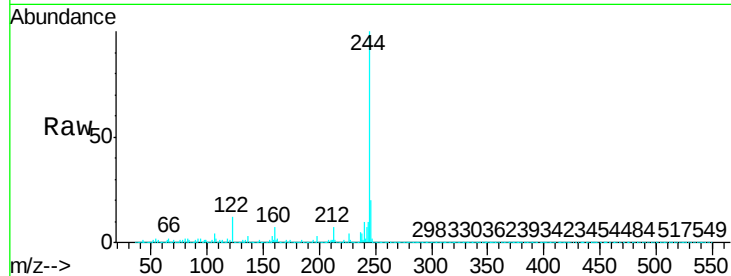




#79
 Terphenyl-d14
 Concen: 44.492 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BP000621.D
 Acq: 10 Oct 2019 17:16

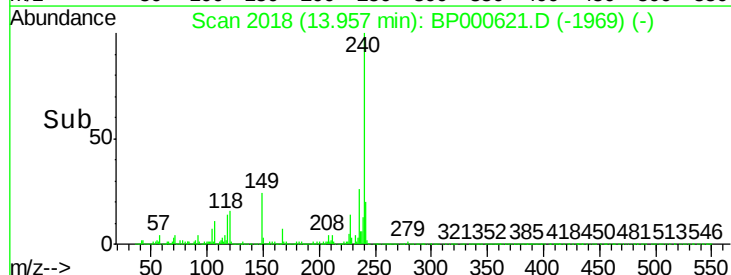
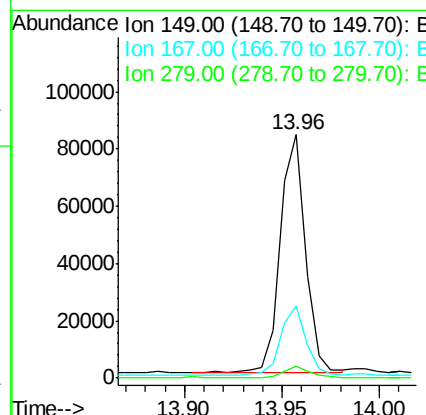
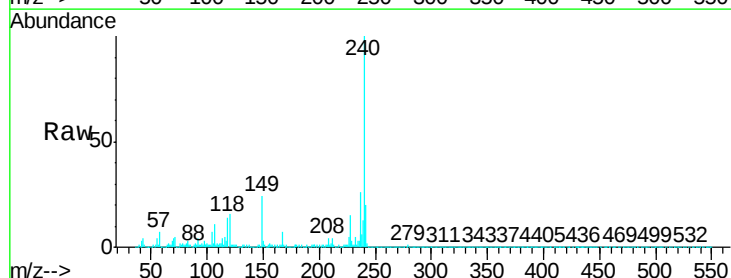
Instrument :
 BNA_P
 ClientSampleId :
 20190858-AMENDED-COMP-E

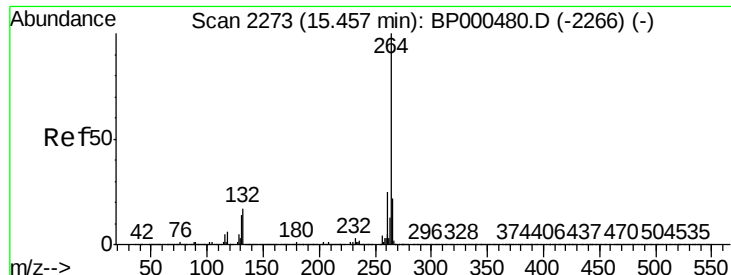
Tgt Ion:244 Resp: 1739465
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 12.2 8.9 13.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.470 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BP000621.D
 Acq: 10 Oct 2019 17:16

Tgt Ion:149 Resp: 73900
 Ion Ratio Lower Upper
 149 100
 167 29.5 23.6 35.4
 279 5.1 3.9 5.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BP000621.D
Acq: 10 Oct 2019 17:16

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

Tgt Ion: 264 Resp: 871125
Ion Ratio Lower Upper
264 100
260 24.5 20.3 30.5
265 22.3 18.0 27.0

