

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101019\
 Data File : BP000614.D
 Acq On : 10 Oct 2019 14:27
 Operator : JU
 Sample : PB123816BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB123816BL

Quant Time: Oct 11 02:24:20 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

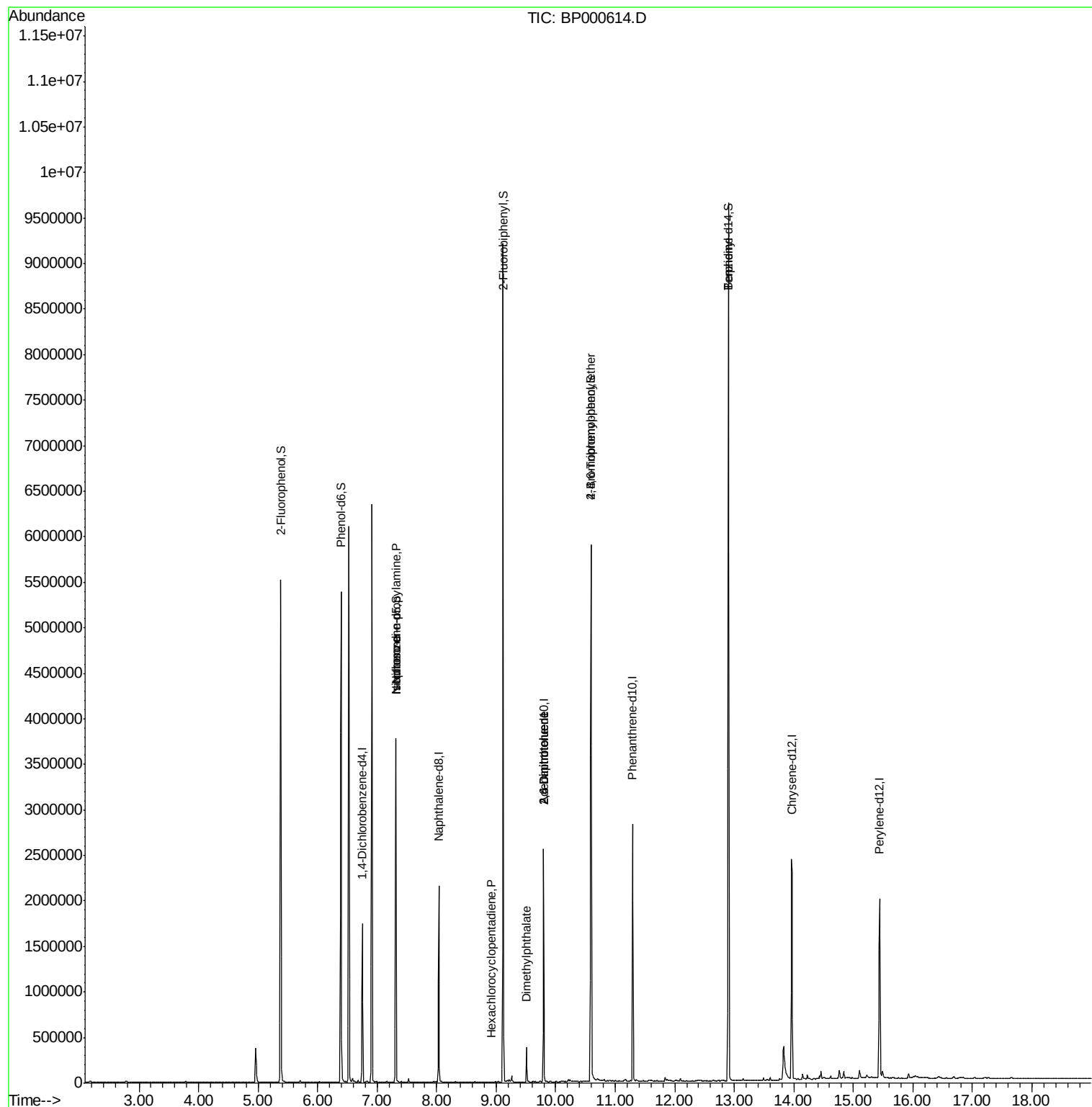
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	243505	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	879243	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	504554	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	950767	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	814217	20.00	ng	-0.02
87) Perylene-d12	15.44	264	871567	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1904615	125.73	ng	-0.01
7) Phenol-d6	6.39	99	2490019	136.40	ng	-0.02
23) Nitrobenzene-d5	7.32	82	1388351	96.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	776951	144.51	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	2933594	94.07	ng	-0.02
79) Terphenyl-d14	12.90	244	3609197	89.75	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	170664	20.283	ng	# 74
25) Isophorone	7.32	82	1388253	54.335	ng	# 61
41) Hexachlorocyclopentadiene	8.93	237	11	7.299	ng	93
50) Dimethylphthalate	9.51	163	140839	4.017	ng	99
51) 2,6-Dinitrotoluene	9.80	165	65249	8.535	ng	# 35
57) 2,4-Dinitrotoluene	9.80	165	65249	6.437	ng	# 31
67) 4-Bromophenyl-phenylether	10.59	248	53010	4.953	ng	# 1
77) Benzidine	12.90	184	49280	2.090	ng	# 96

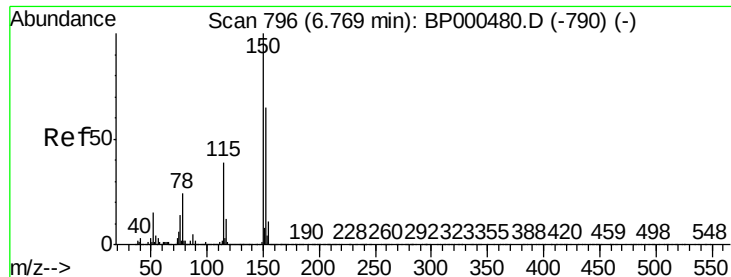
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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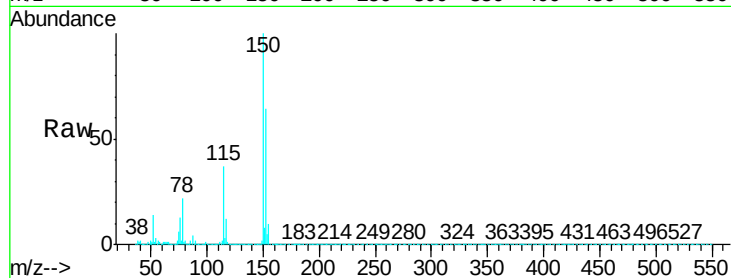


#1

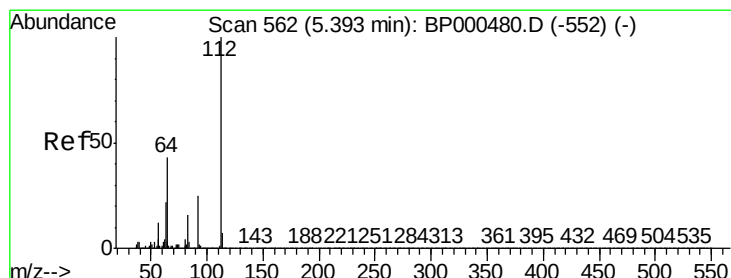
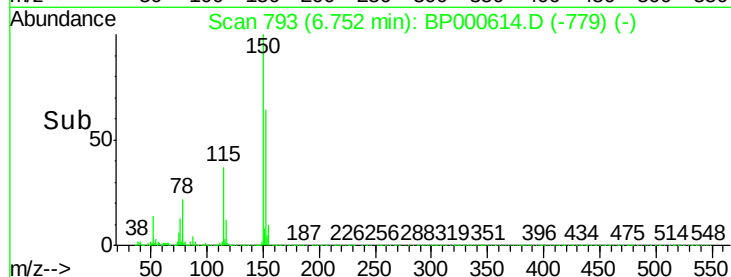
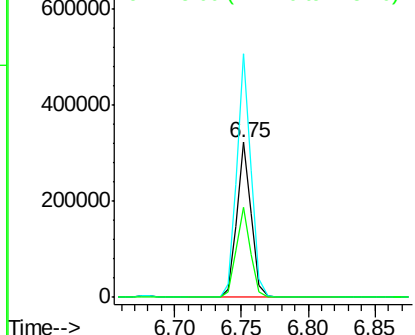
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000614.D
Acq: 10 Oct 2019 14:27

Instrument :
BNA_P
ClientSampleId :
PB123816BL

Tgt Ion:152 Resp: 243505
Ion Ratio Lower Upper
152 100
150 157.0 124.1 186.1
115 57.7 48.7 73.1



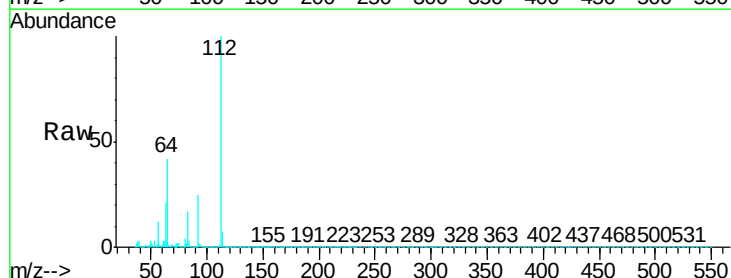
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



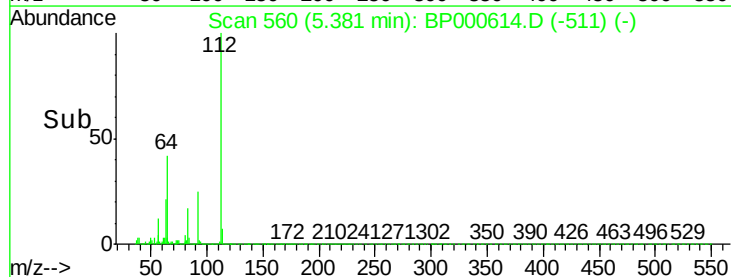
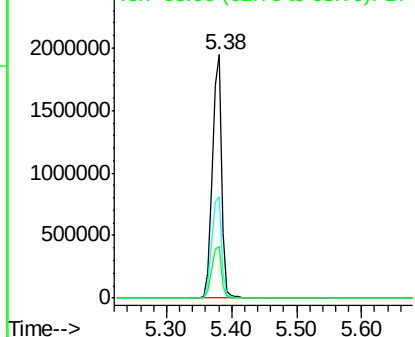
#5

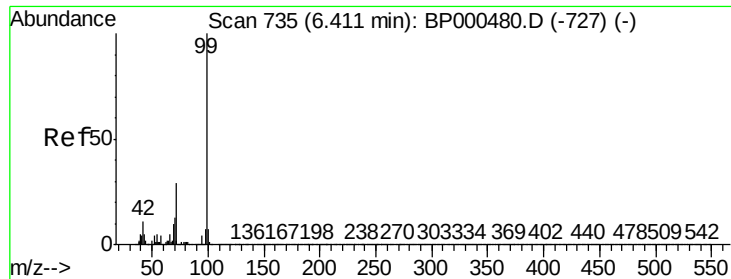
2-Fluorophenol
Concen: 125.729 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BP000614.D
Acq: 10 Oct 2019 14:27

Tgt Ion:112 Resp: 1904615
Ion Ratio Lower Upper
112 100
64 41.7 34.2 51.4
63 21.4 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: 136.404 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000614.D

Acq: 10 Oct 2019 14:27

Instrument :

BNA_P

ClientSampleId :

PB123816BL

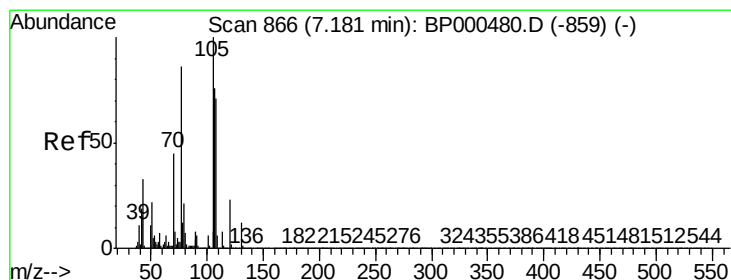
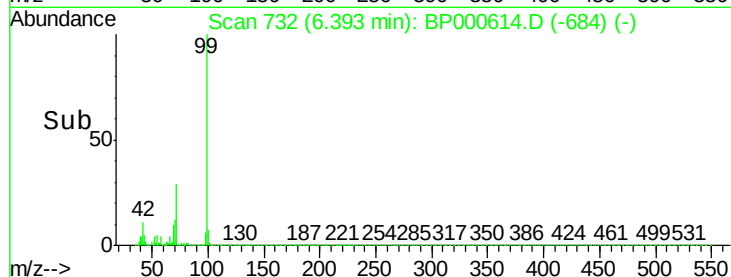
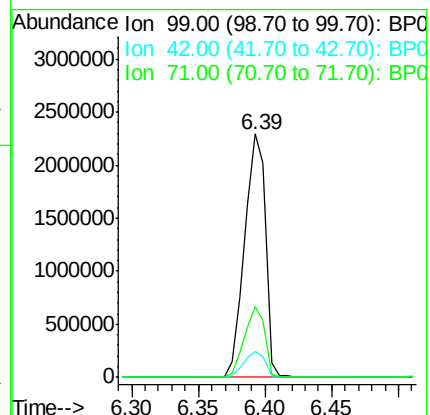
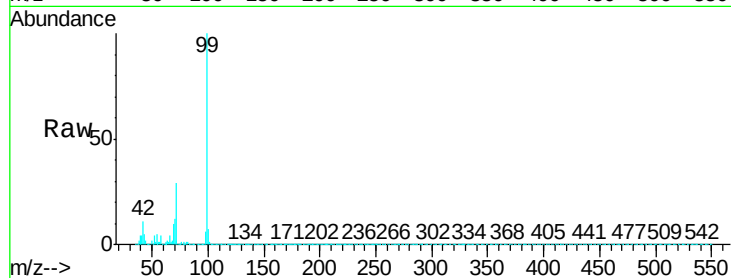
Tgt Ion: 99 Resp: 2490019

Ion Ratio Lower Upper

99 100

42 10.9 8.6 12.8

71 29.1 23.0 34.4



#19

n-Nitroso-di-n-propylamine

Concen: 20.283 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.13 min

Lab File: BP000614.D

Acq: 10 Oct 2019 14:27

Tgt Ion: 70 Resp: 170664

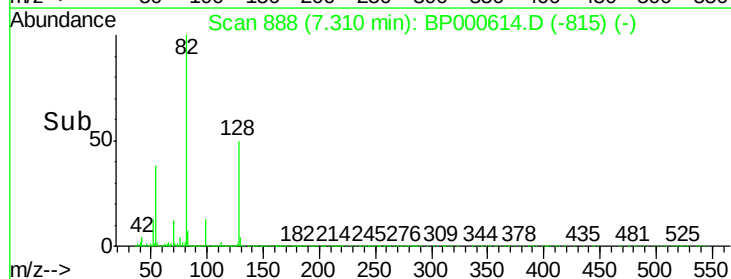
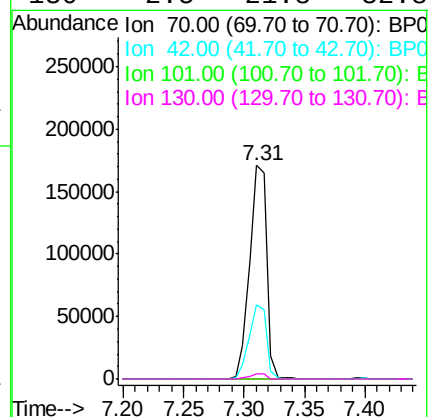
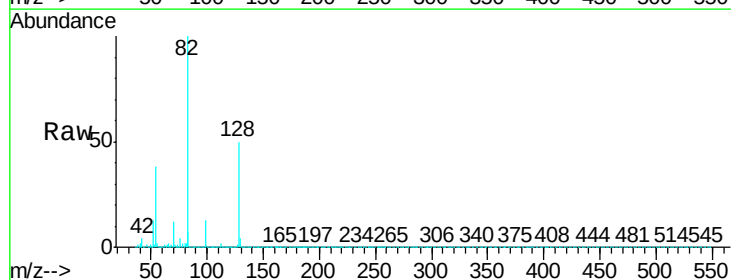
Ion Ratio Lower Upper

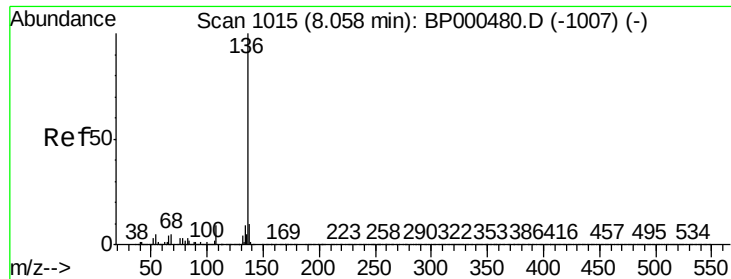
70 100

42 34.9 33.2 49.8

101 0.0 9.9 14.9#

130 2.5 21.8 32.8#

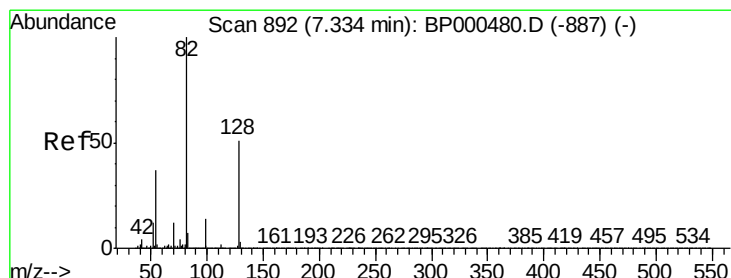
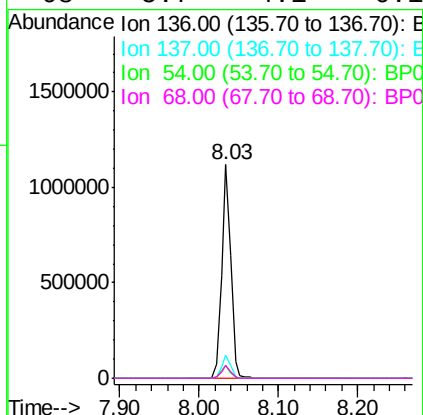
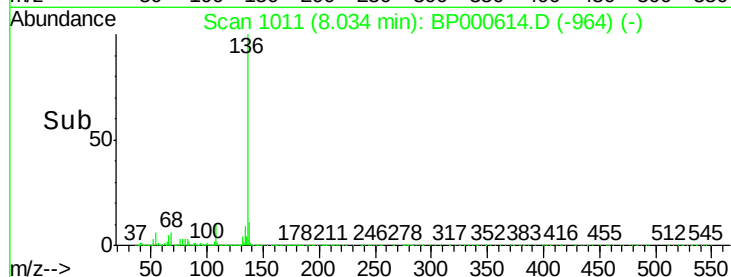
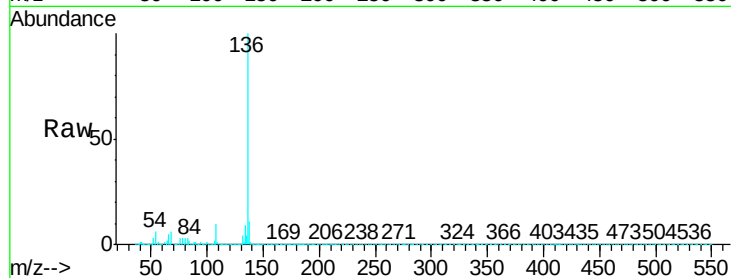




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000614.D
Acq: 10 Oct 2019 14:27

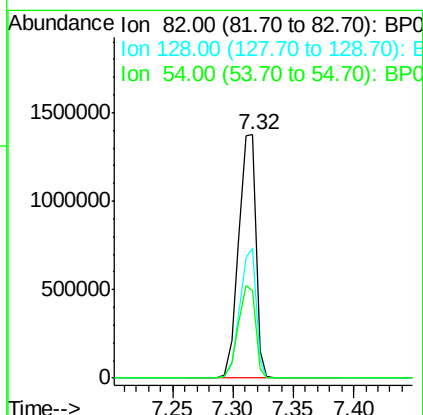
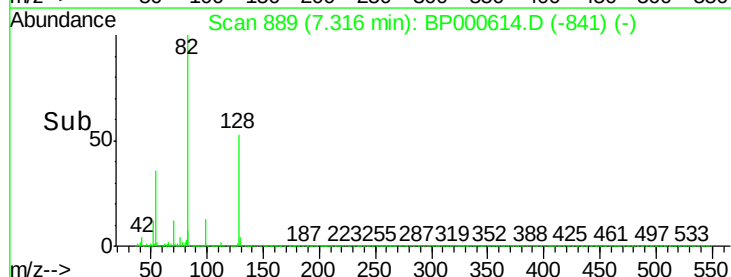
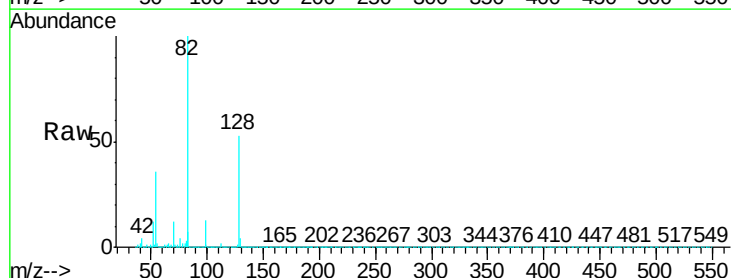
Instrument :
BNA_P
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PB123816BL

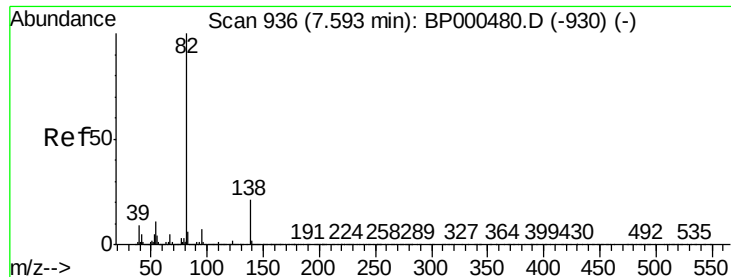
Tgt Ion:	136	Resp:	879243
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	5.9	4.1	6.1
68	5.7	4.1	6.1



#23
Nitrobenzene-d5
Concen: 96.440 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BP000614.D
Acq: 10 Oct 2019 14:27

Tgt Ion:	82	Resp:	1388351
Ion	Ratio	Lower	Upper
82	100		
128	53.4	40.9	61.3
54	35.7	29.4	44.2





#25

Isophorone

Concen: 54.335 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.28 min

Lab File: BP000614.D

Acq: 10 Oct 2019 14:27

Instrument :

BNA_P

ClientSampleId :

PB123816BL

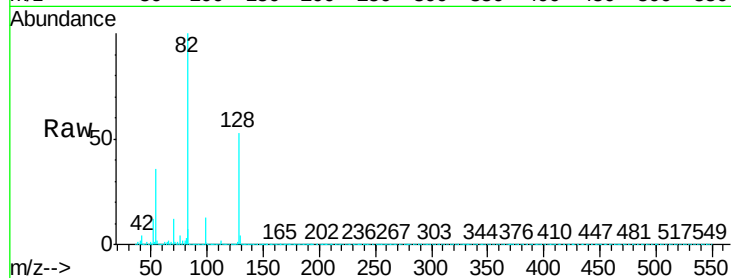
Tgt Ion: 82 Resp: 1388253

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

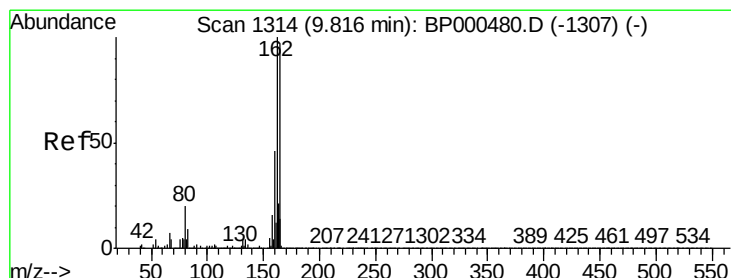
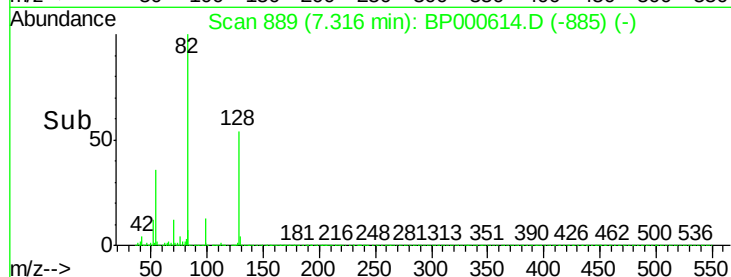
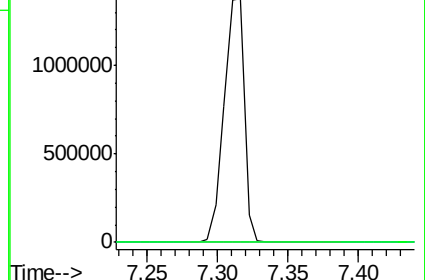
138 0.0 17.0 25.4#



Abundance Ion 82.00 (81.70 to 82.70): BP000480.D (-930) (-)

Ion 95.00 (94.70 to 95.70): BP000480.D (-930) (-)

Ion 138.00 (137.70 to 138.70): BP000480.D (-930) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BP000614.D

Acq: 10 Oct 2019 14:27

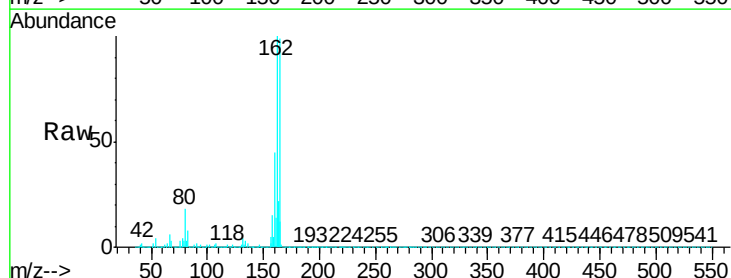
Tgt Ion: 164 Resp: 504554

Ion Ratio Lower Upper

164 100

162 101.2 82.2 123.2

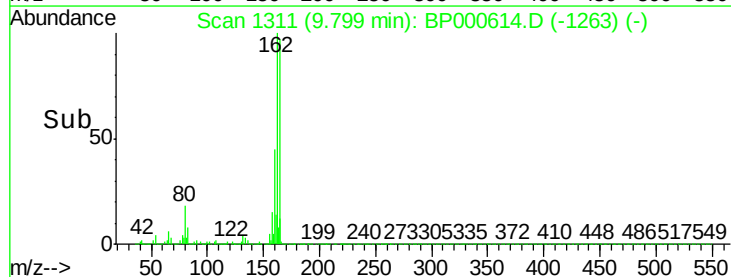
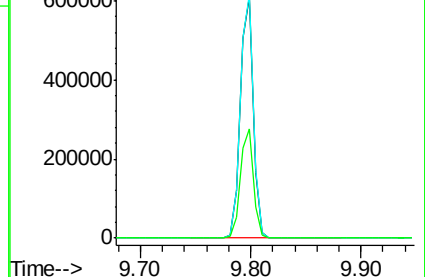
160 45.4 37.6 56.4

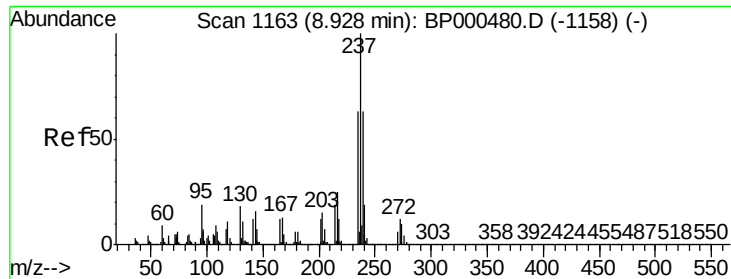


Abundance Ion 164.00 (163.70 to 164.70): BP000480.D (-1307) (-)

Ion 162.00 (161.70 to 162.70): BP000480.D (-1307) (-)

Ion 160.00 (159.70 to 160.70): BP000480.D (-1307) (-)

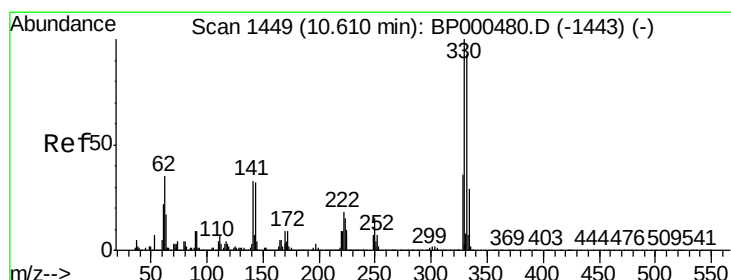
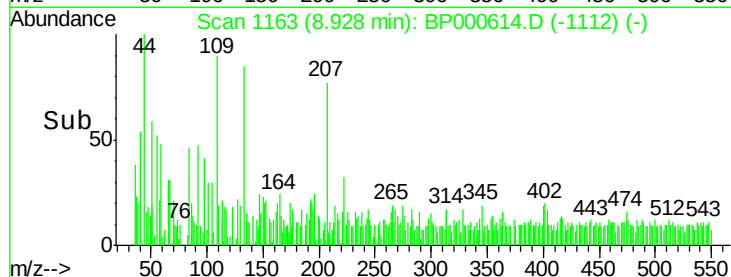
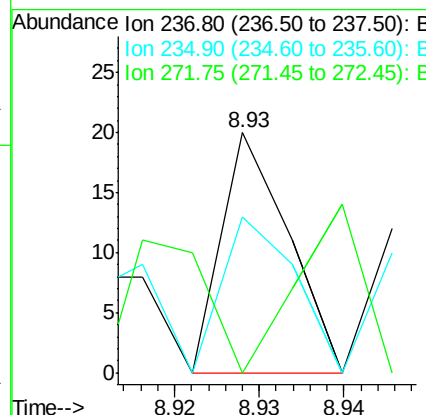
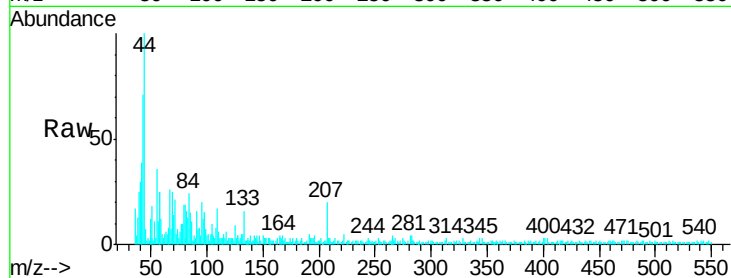




#41
Hexachlorocyclopentadiene
Concen: 7.299 ng
RT: 8.93 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BP000614.D
Acq: 10 Oct 2019 14:27

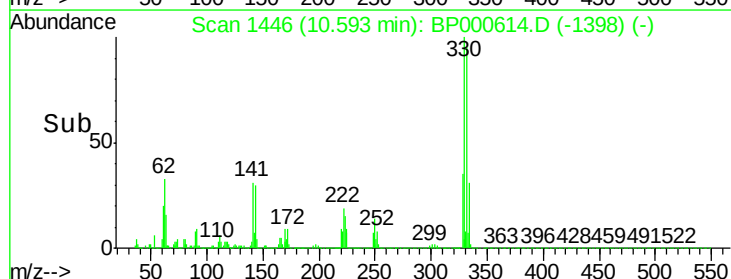
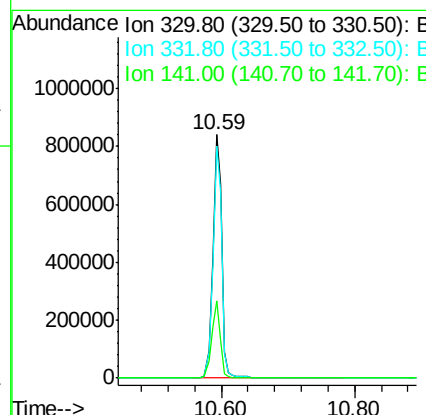
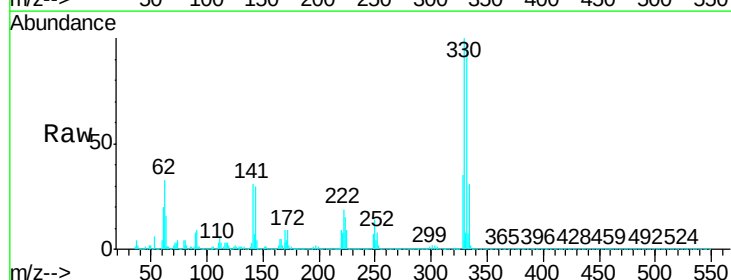
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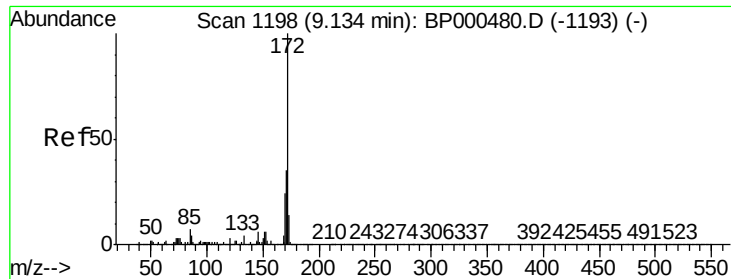
Tgt Ion:	237	Resp:	11
Ion	Ratio	Lower	Upper
237	100		
235	65.0	42.9	82.9
272	0.0	0.0	32.4



#42
2,4,6-Tribromophenol
Concen: 144.506 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000614.D
Acq: 10 Oct 2019 14:27

Tgt Ion:	330	Resp:	776951
Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.1	115.7
141	30.8	26.0	39.0

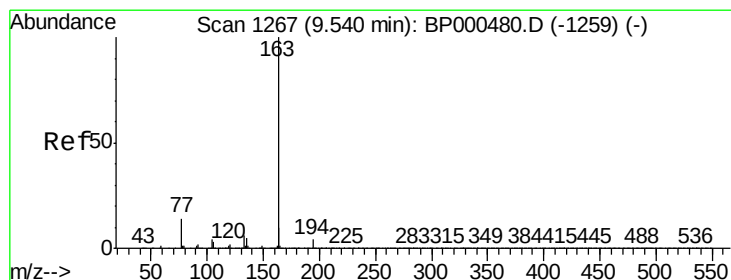
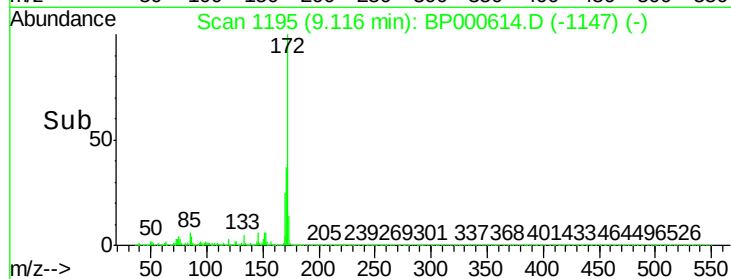
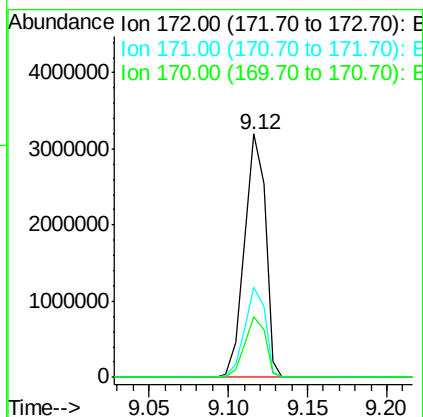
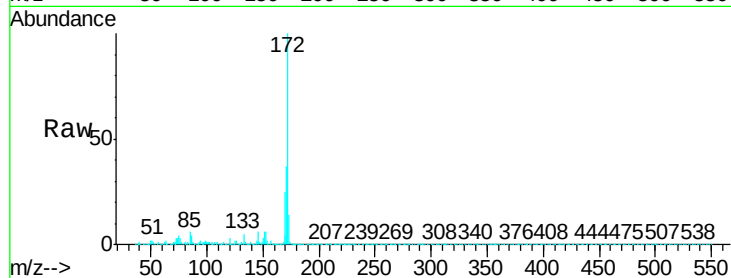




#45
2-Fluorobiphenyl
Concen: 94.074 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000614.D
Acq: 10 Oct 2019 14:27

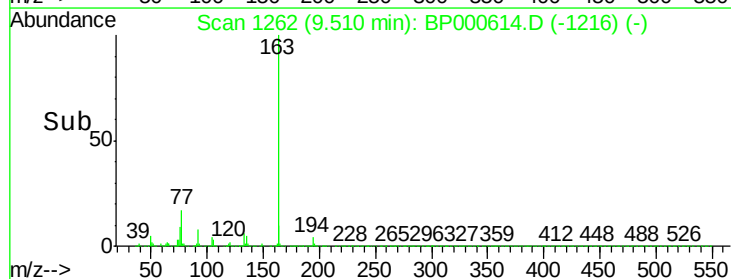
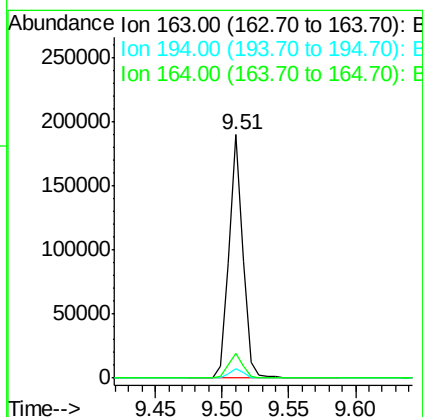
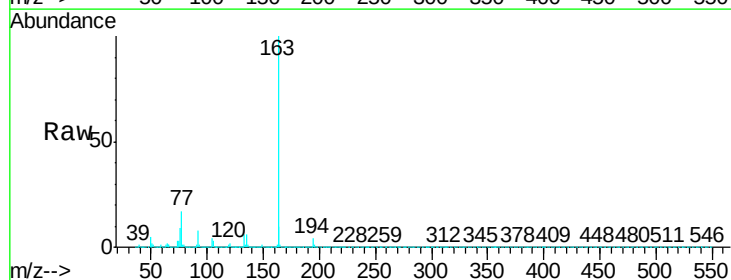
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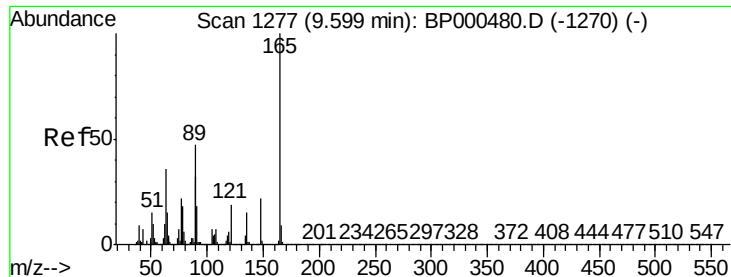
Tgt Ion:172 Resp: 2933594
Ion Ratio Lower Upper
172 100
171 36.8 28.4 42.6
170 24.8 19.1 28.7



#50
Dimethylphthalate
Concen: 4.017 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000614.D
Acq: 10 Oct 2019 14:27

Tgt Ion:163 Resp: 140839
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.2 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 8.535 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.20 min

Lab File: BP000614.D

Acq: 10 Oct 2019 14:27

Instrument :

BNA_P

ClientSampleId :

PB123816BL

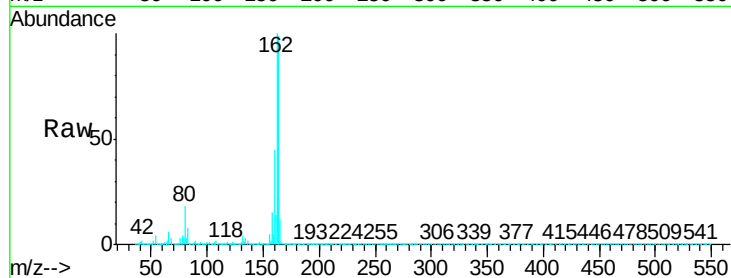
Tgt Ion:165 Resp: 65249

Ion Ratio Lower Upper

165 100

63 0.9 29.9 44.9#

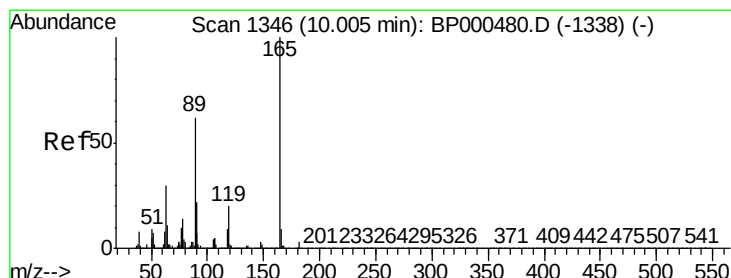
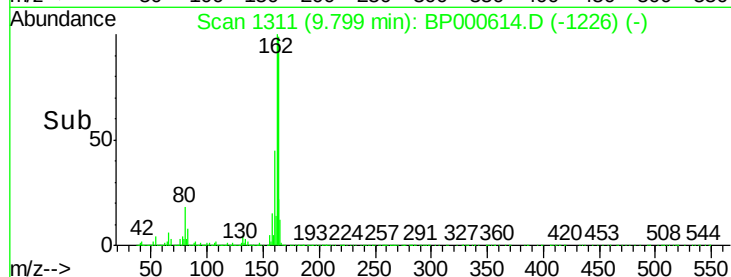
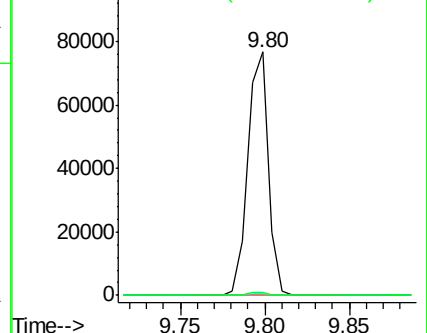
89 1.3 37.3 55.9#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#57

2,4-Dinitrotoluene

Concen: 6.437 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.21 min

Lab File: BP000614.D

Acq: 10 Oct 2019 14:27

Tgt Ion:165 Resp: 65249

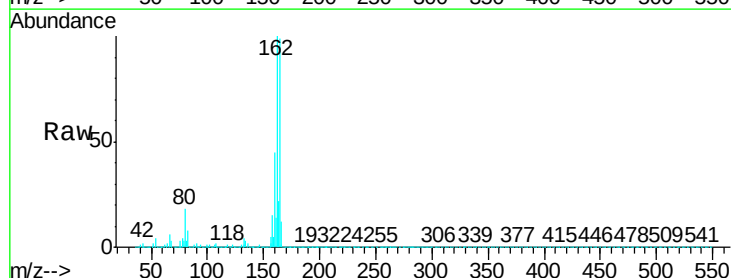
Ion Ratio Lower Upper

165 100

63 0.9 24.2 36.4#

89 1.3 49.4 74.0#

182 0.0 2.5 3.7#

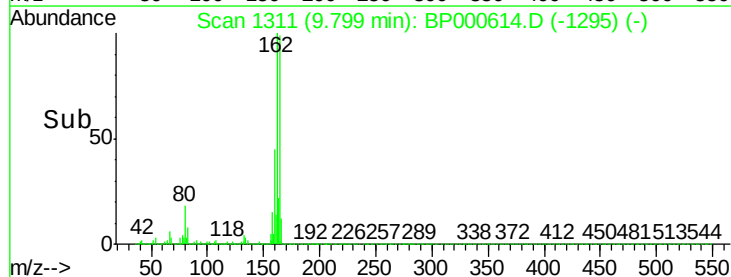
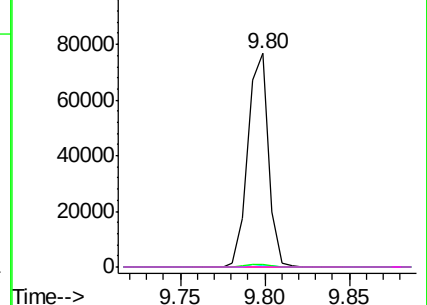


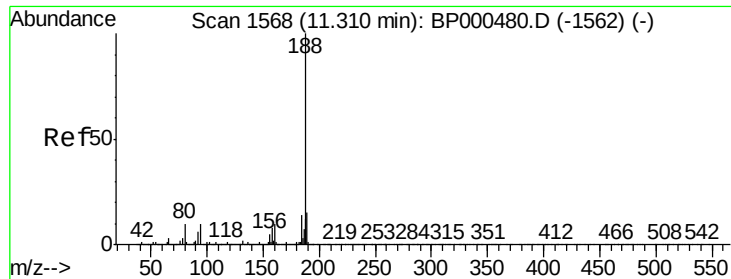
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E

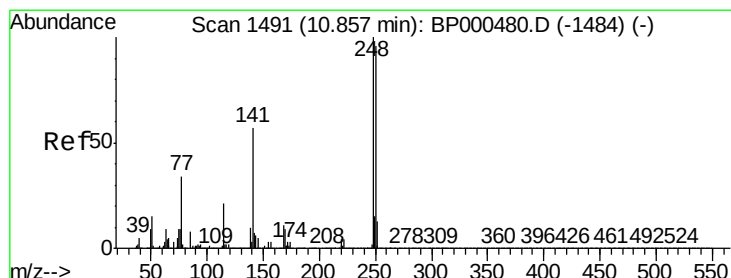
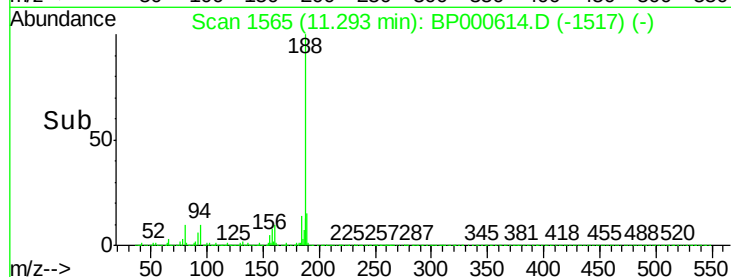
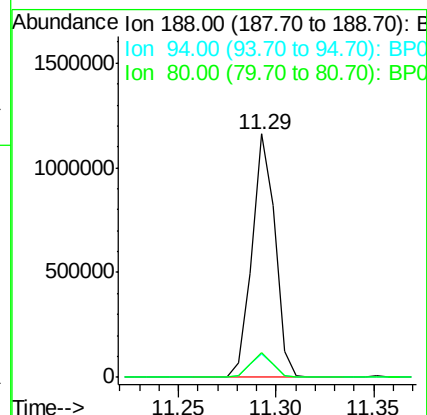
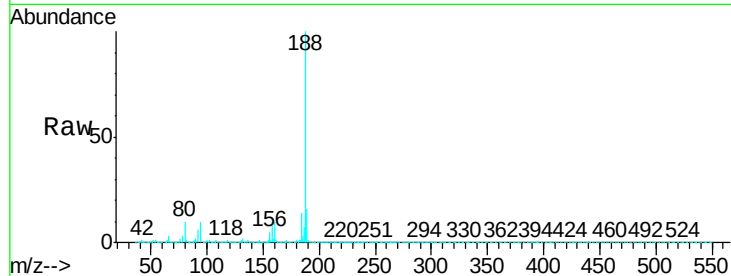




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000614.D
Acq: 10 Oct 2019 14:27

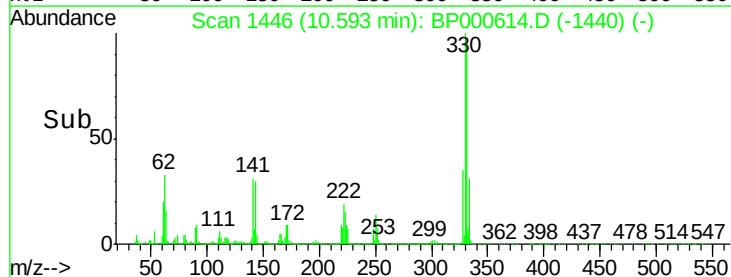
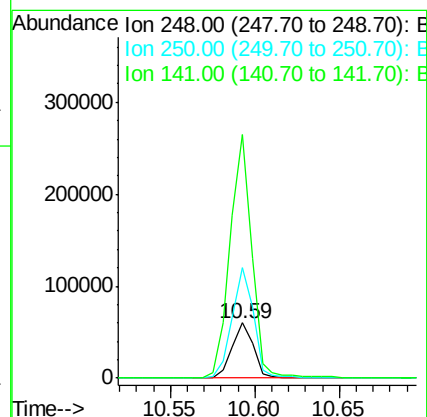
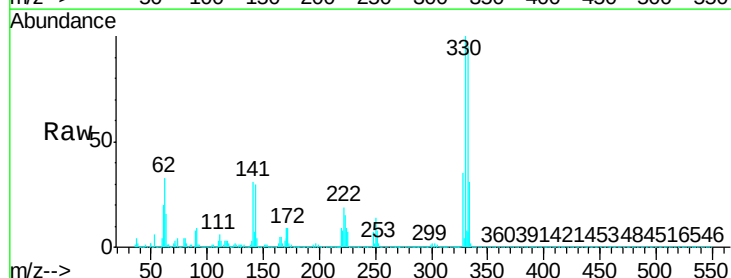
Instrument :
BNA_P
ClientSampleId :
PB123816BL

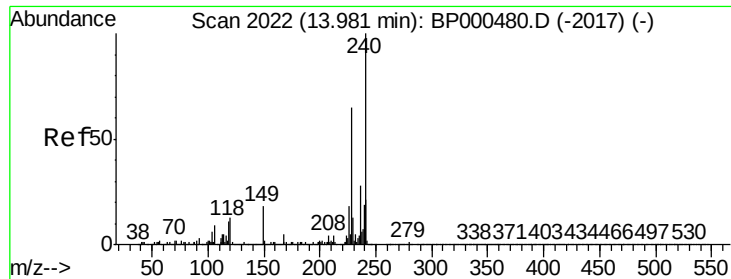
Tgt Ion:188 Resp: 950767
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.4 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 4.953 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.26 min
Lab File: BP000614.D
Acq: 10 Oct 2019 14:27

Tgt Ion:248 Resp: 53010
Ion Ratio Lower Upper
248 100
250 199.5 77.2 115.8#
141 441.9 45.3 67.9#

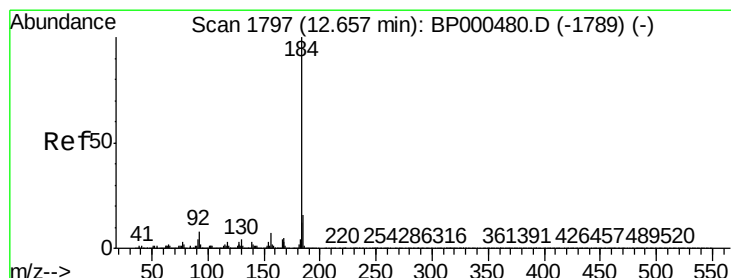
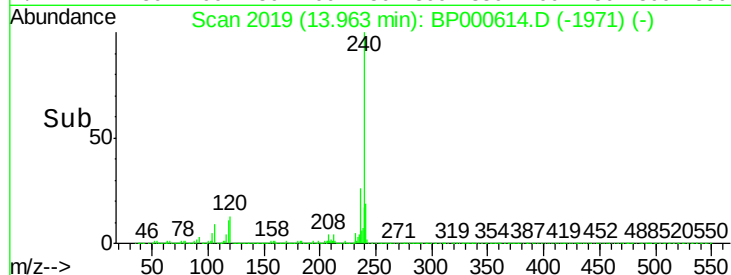
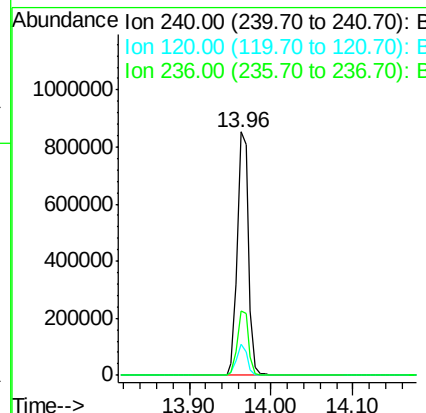
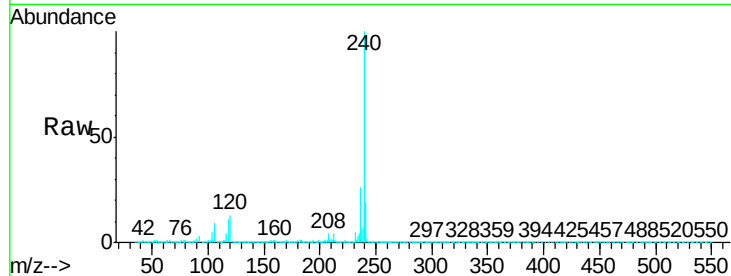




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BP000614.D
Acq: 10 Oct 2019 14:27

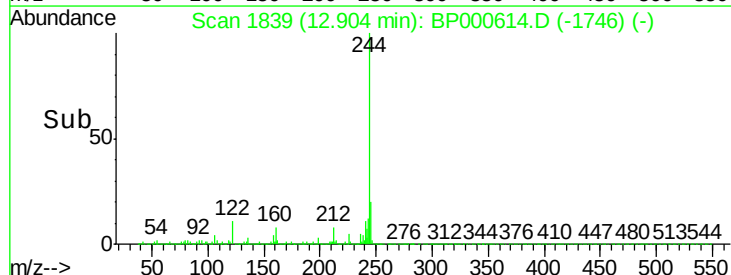
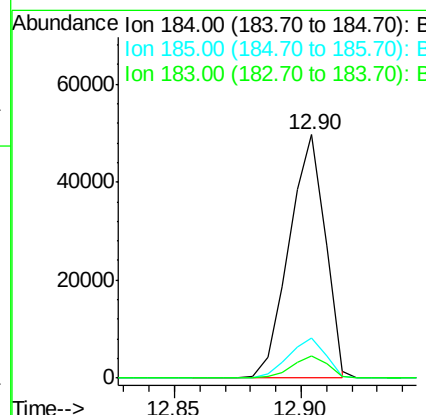
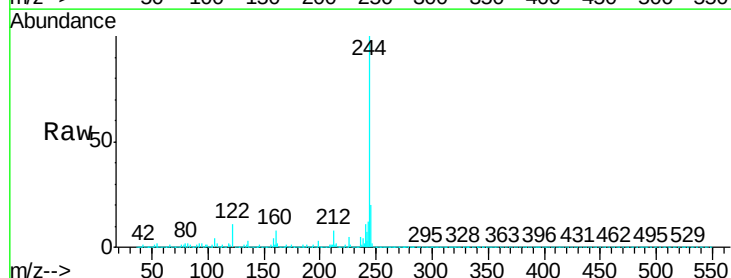
Instrument :
BNA_P
ClientSampleId :
PB123816BL

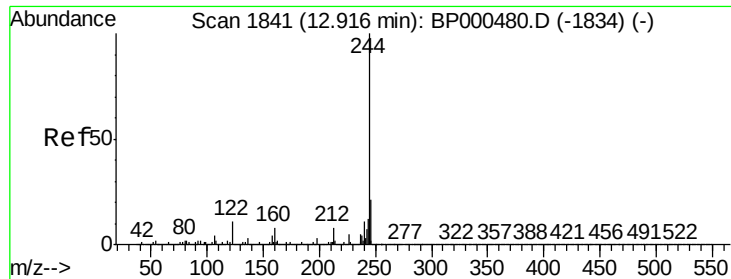
Tgt Ion:240 Resp: 814217
Ion Ratio Lower Upper
240 100
120 13.0 10.1 15.1
236 26.5 22.7 34.1



#77
Benzidine
Concen: 2.090 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.25 min
Lab File: BP000614.D
Acq: 10 Oct 2019 14:27

Tgt Ion:184 Resp: 49280
Ion Ratio Lower Upper
184 100
185 16.4 12.7 19.1
183 9.0 9.7 14.5#





#79

Terphenyl-d14

Concen: 89.750 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BP000614.D

Acq: 10 Oct 2019 14:27

Instrument :

BNA_P

ClientSampleId :

PB123816BL

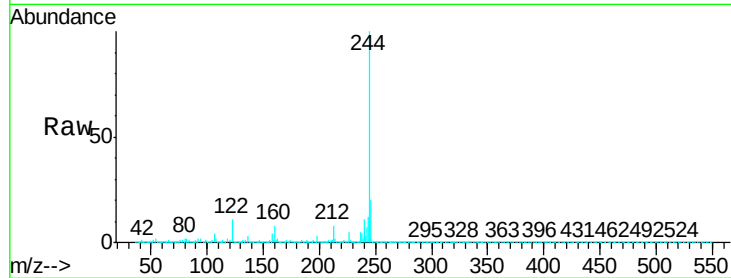
Tgt Ion:244 Resp: 3609197

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

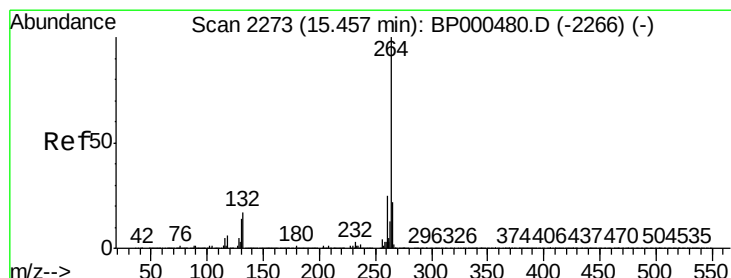
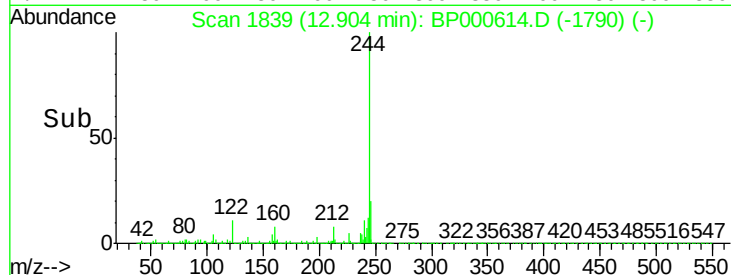
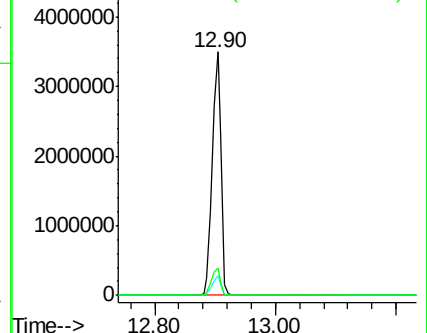
122 11.2 8.9 13.3



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: BP000614.D

Acq: 10 Oct 2019 14:27

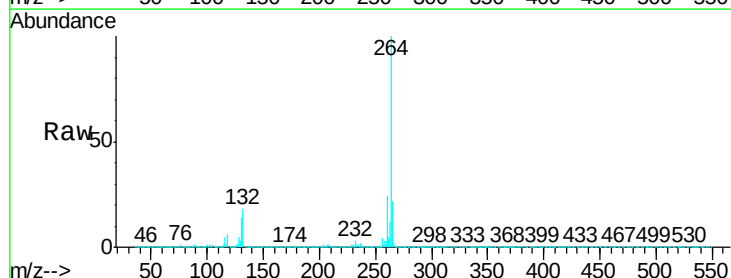
Tgt Ion:264 Resp: 871567

Ion Ratio Lower Upper

264 100

260 24.1 20.3 30.5

265 21.7 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

