

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000884.D
 Acq On : 18 Oct 2019 18:38
 Operator : JU
 Sample : K5292-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Oct 19 02:18:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 16:40:44 2019
 Response via : Initial Calibration

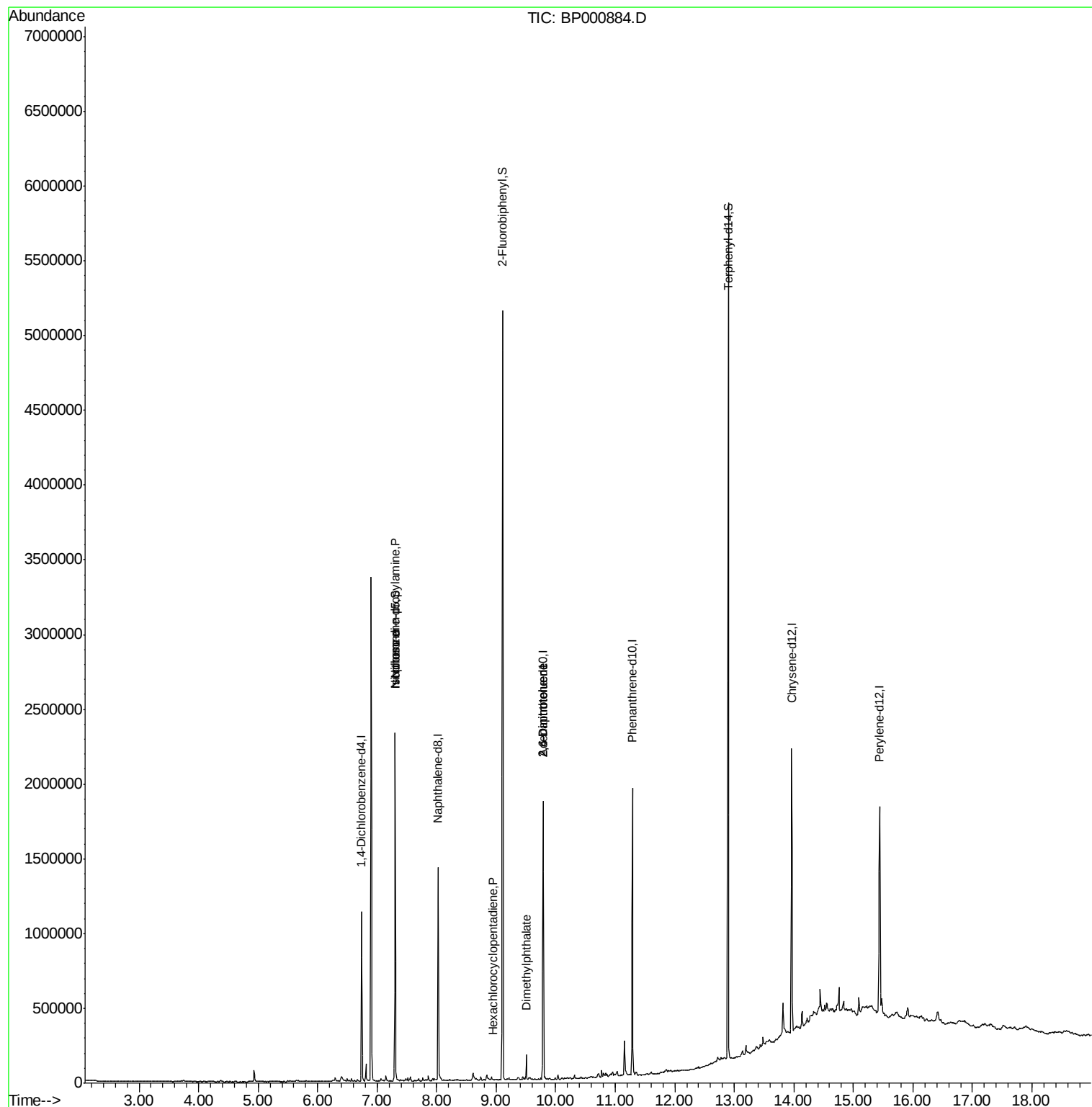
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	171319	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	631892	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	356547	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	651545	20.00	ng	0.00
76) Chrysene-d12	13.96	240	578032	20.00	ng	0.00
87) Perylene-d12	15.44	264	669917	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	25	0.00	ng	-0.02
7) Phenol-d6	6.39	99	7261	0.57	ng	0.00
23) Nitrobenzene-d5	7.30	82	701977	67.85	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	1737	0.46	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1658959	75.28	ng	0.00
79) Terphenyl-d14	12.90	244	2105334	73.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	88208	14.900	ng	# 74
25) Isophorone	7.30	82	700715	38.161	ng	# 61
41) Hexachlorocyclopentadiene	8.95	237	8	7.299	ng	94
50) Dimethylphthalate	9.50	163	72650	2.932	ng	99
51) 2,6-Dinitrotoluene	9.79	165	46563	8.619	ng	# 32
57) 2,4-Dinitrotoluene	9.79	165	46607	6.506	ng	# 31

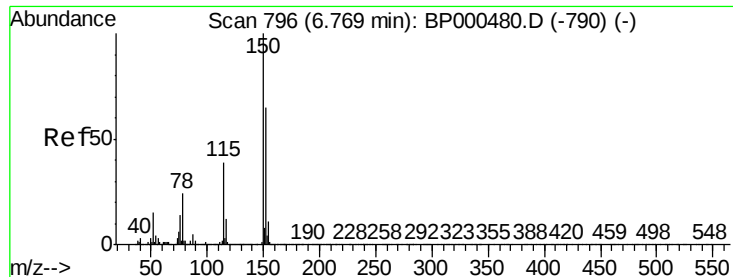
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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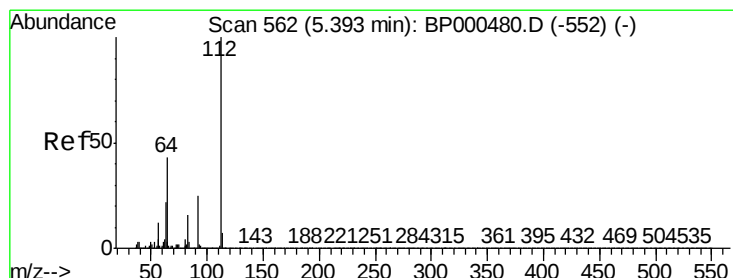
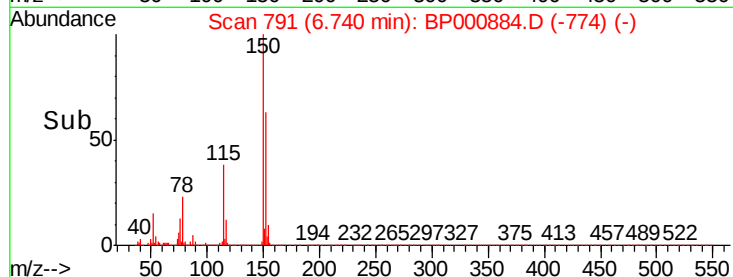
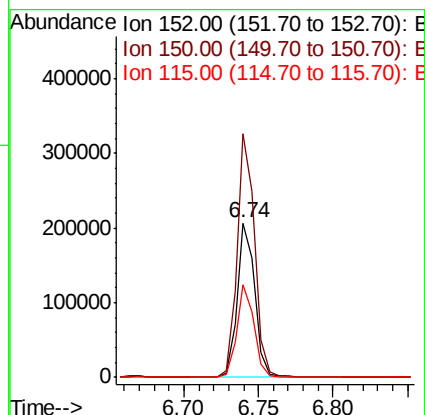
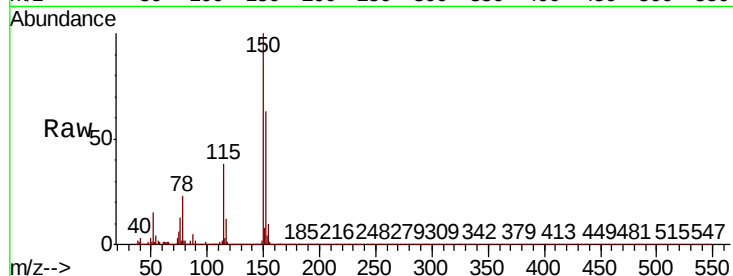


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BP000884.D
Acq: 18 Oct 2019 18:38

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

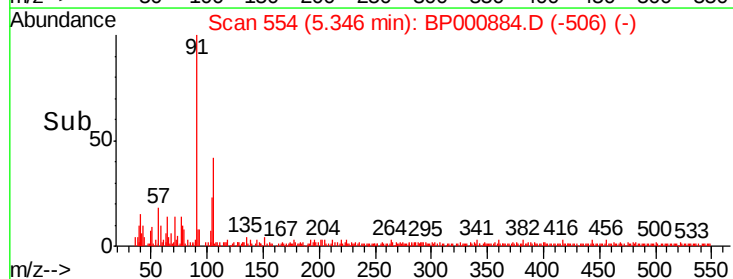
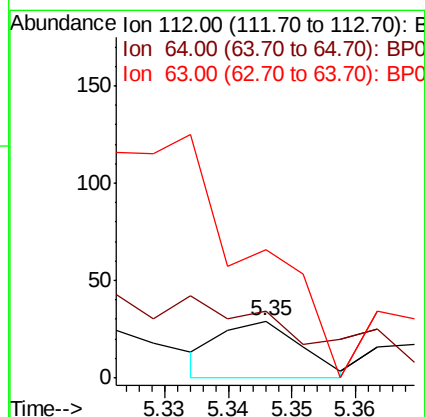
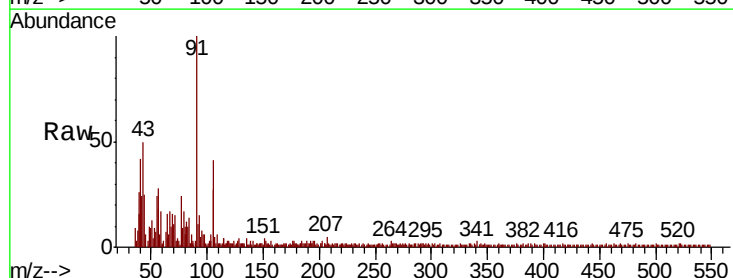
Tot Ion:152 Resp: 171319
Ion Ratio Lower Upper
152 100
150 157.8 123.8 185.8
115 59.9 46.8 70.2

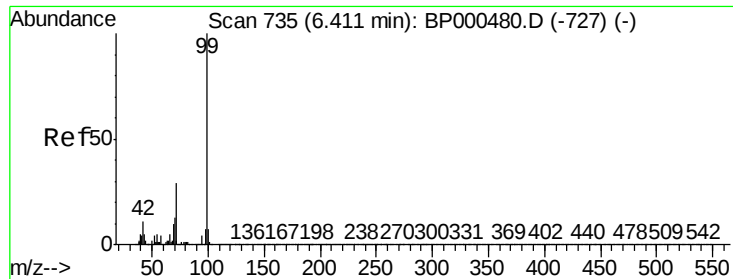


#5

2-Fluorophenol
Concen: 0.002 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.02 min
Lab File: BP000884.D
Acq: 18 Oct 2019 18:38

Tgt Ion:112 Resp: 25
Ion Ratio Lower Upper
112 100
64 117.2 33.9 50.9#
63 227.6 17.4 26.0#





#7

Phenol-d6

Concen: 0.565 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BP000884.D

Acq: 18 Oct 2019 18:38

Instrument :

BNA_P

ClientSampleId :

20190855-AMENDED-COMP-BRE

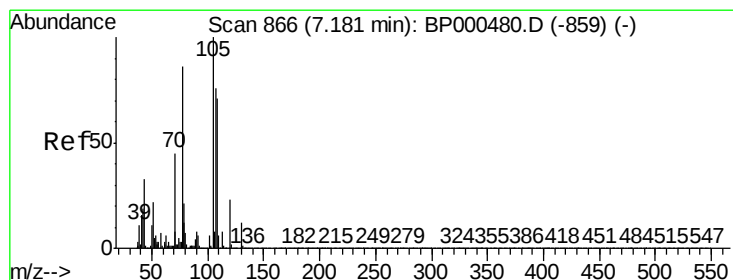
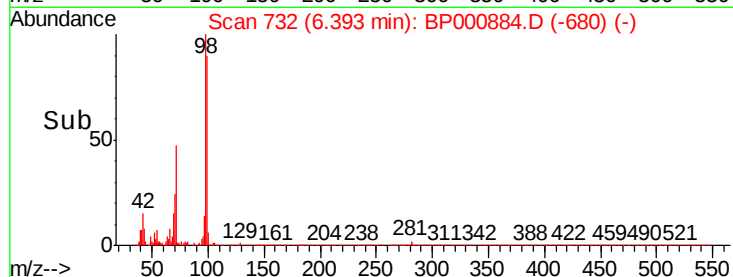
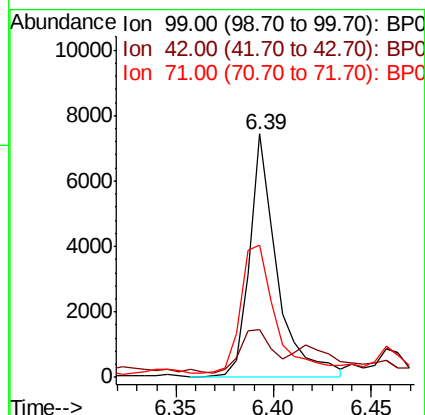
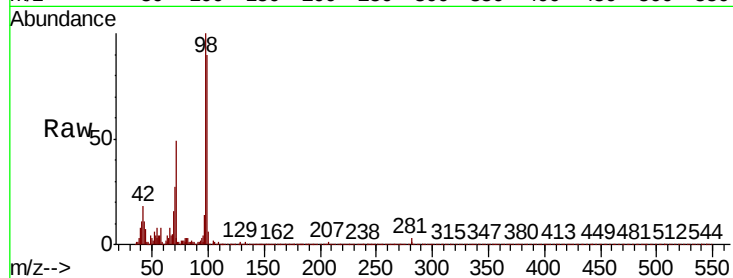
Tot Ion: 99 Resp: 7261

Ion Ratio Lower Upper

99 100

42 19.6 8.7 13.1#

71 54.4 24.1 36.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.900 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.15 min

Lab File: BP000884.D

Acq: 18 Oct 2019 18:38

Tgt Ion: 70 Resp: 88208

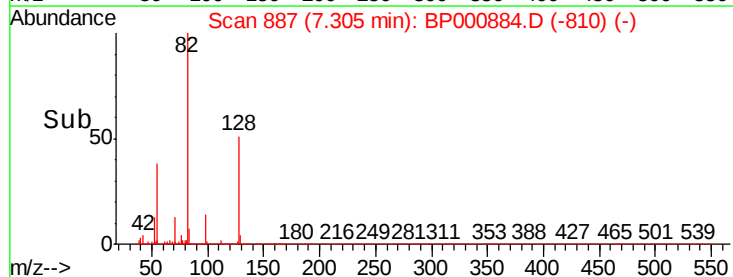
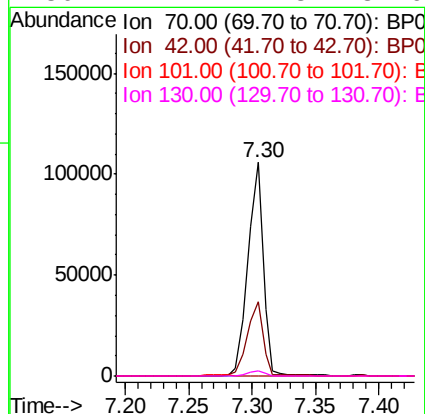
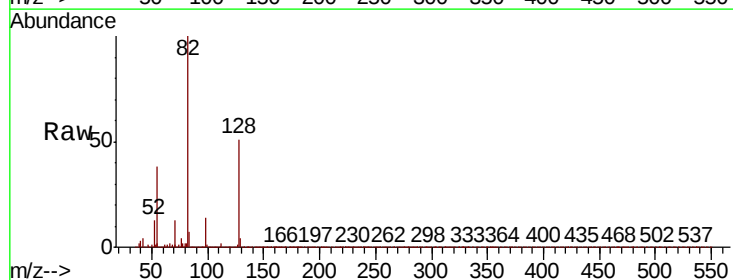
Ion Ratio Lower Upper

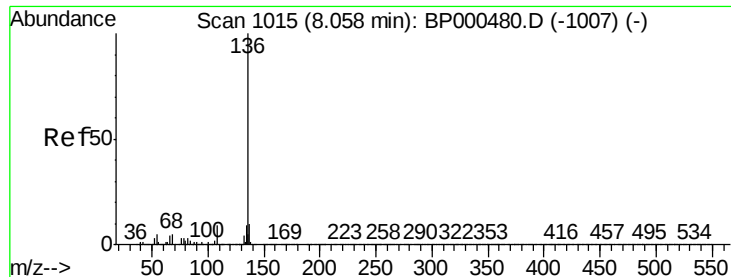
70 100

42 34.7 34.0 51.0

101 0.1 9.5 14.3#

130 2.7 21.3 31.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BP000884.D

Acq: 18 Oct 2019 18:38

Instrument :

BNA_P

ClientSampleId :

20190855-AMENDED-COMP-BRE

Tot Ion:136 Resp: 631892

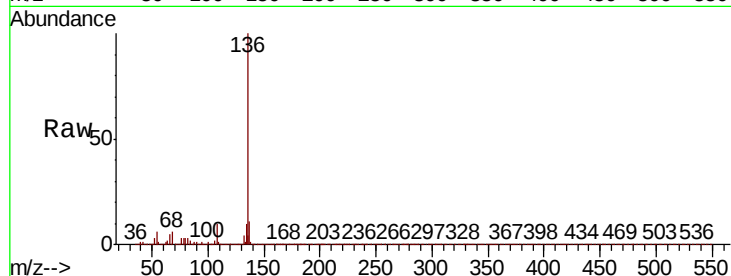
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 5.8 4.6 6.8

68 5.6 4.4 6.6

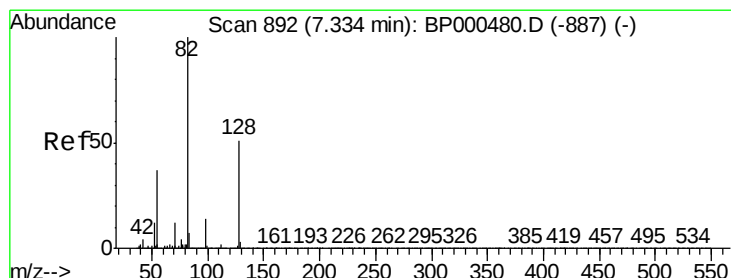
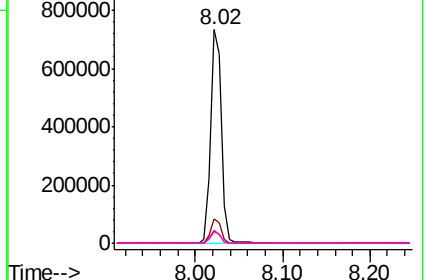
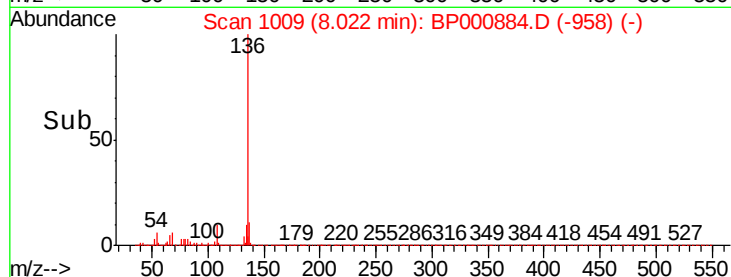


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#23

Nitrobenzene-d5

Concen: 67.849 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BP000884.D

Acq: 18 Oct 2019 18:38

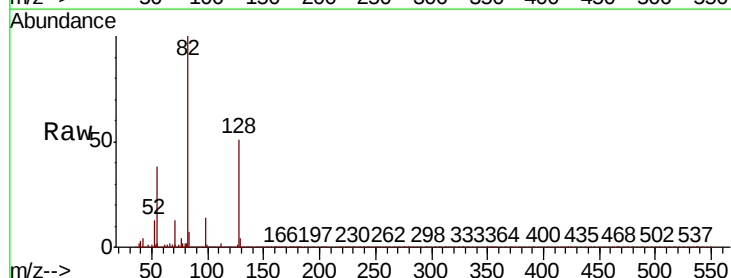
Tgt Ion: 82 Resp: 701977

Ion Ratio Lower Upper

82 100

128 51.3 41.2 61.8

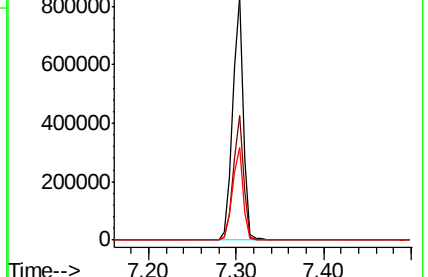
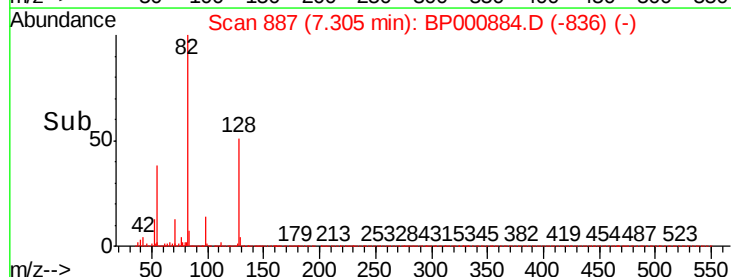
54 38.1 30.6 45.8

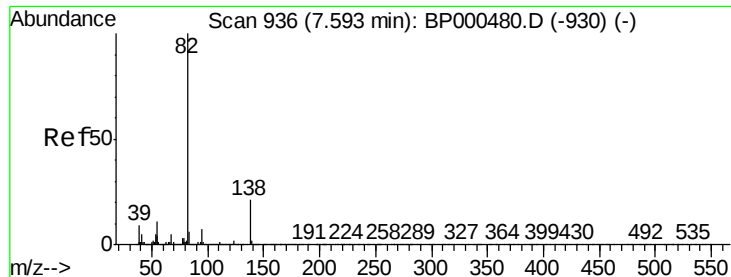


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0





#25

Isophorone

Concen: 38.161 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.26 min

Lab File: BP000884.D

Acq: 18 Oct 2019 18:38

Instrument :

BNA_P

ClientSampleId :

20190855-AMENDED-COMP-BRE

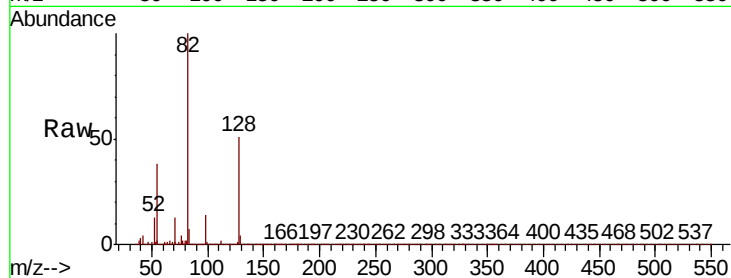
Tot Ion: 82 Resp: 700715

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.4#

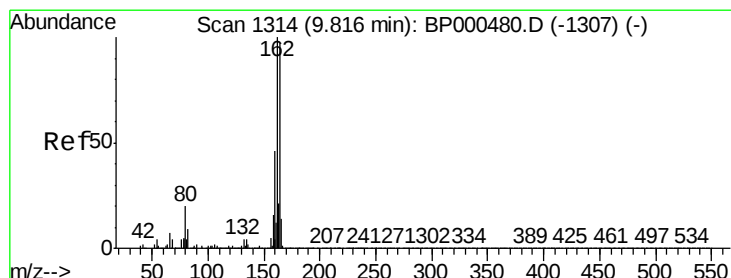
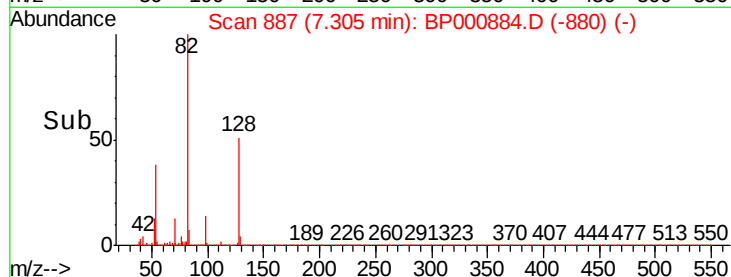
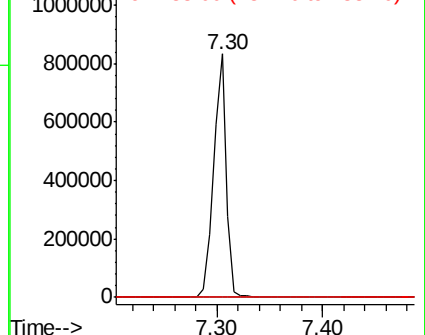
138 0.0 17.0 25.4#



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BP000884.D

Acq: 18 Oct 2019 18:38

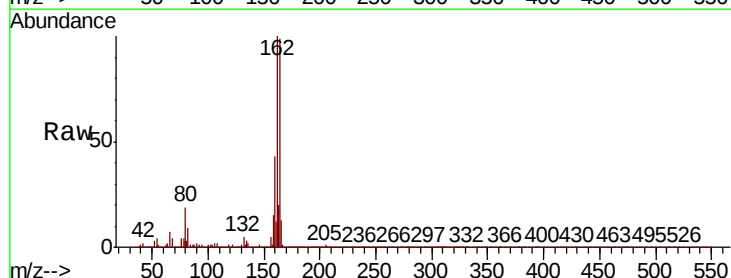
Tgt Ion: 164 Resp: 356547

Ion Ratio Lower Upper

164 100

162 101.3 80.6 121.0

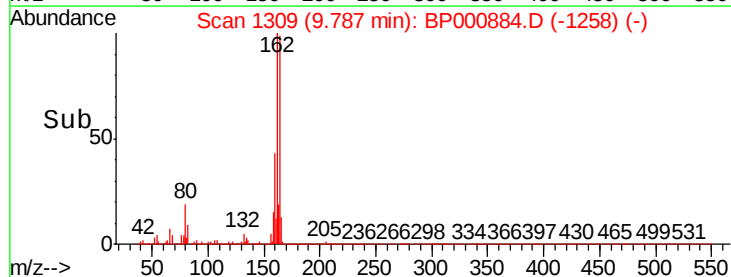
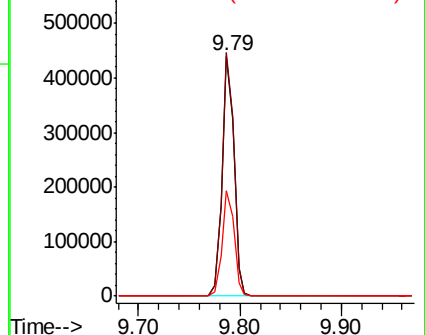
160 44.0 35.4 53.2

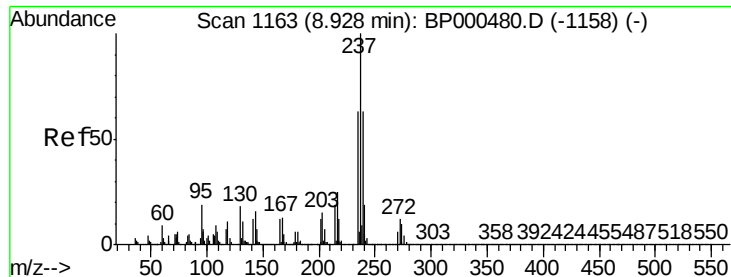


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

Hexachlorocyclopentadiene

Concen: 7.299 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.05 min

Lab File: BP000884.D

Acq: 18 Oct 2019 18:38

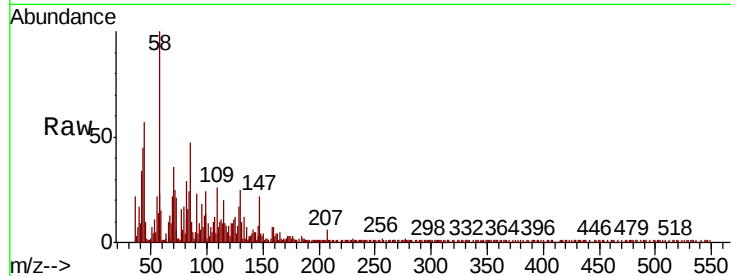
Instrument :

BNA_P

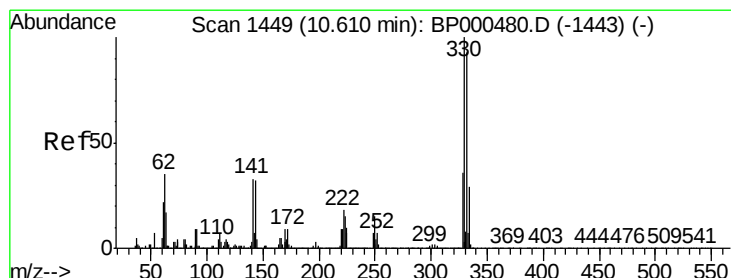
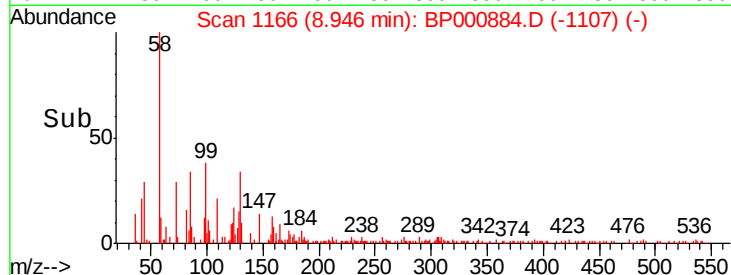
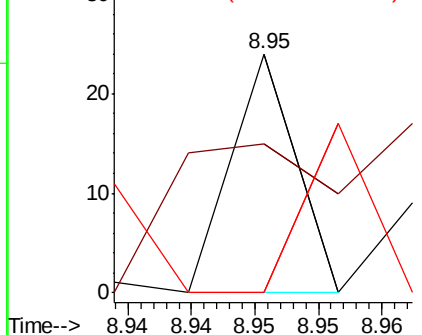
ClientSampleId :

20190855-AMENDED-COMP-BRE

Tot Ion:	237	Resp:	8
Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.3	82.3
272	0.0	0.0	33.6



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: 0.457 ng

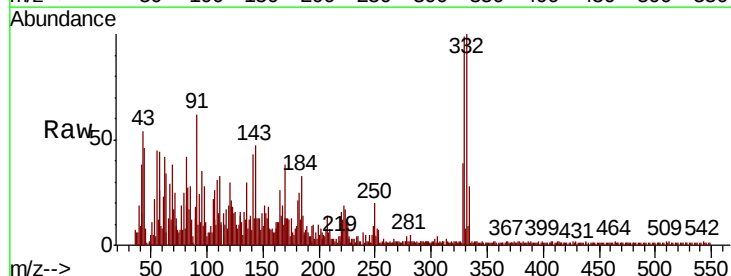
RT: 10.59 min Scan# 1445

Delta R.T. 0.01 min

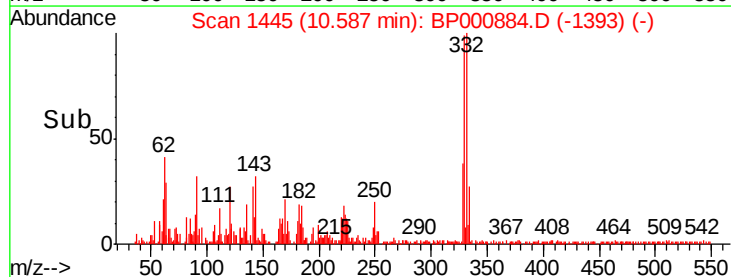
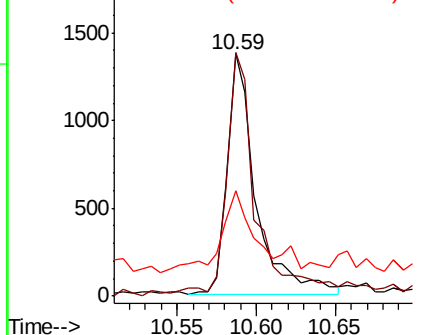
Lab File: BP000884.D

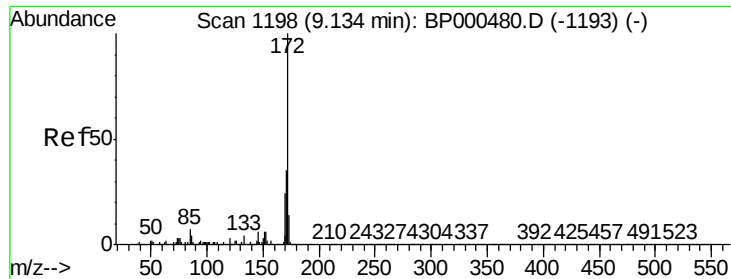
Acq: 18 Oct 2019 18:38

Tgt Ion:	330	Resp:	1737
Ion	Ratio	Lower	Upper
330	100		
332	103.6	78.2	117.4
141	44.9	23.7	35.5#



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

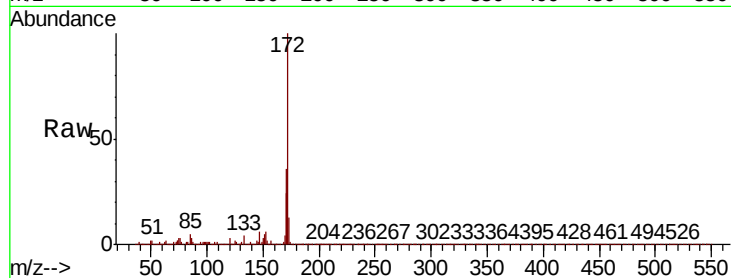




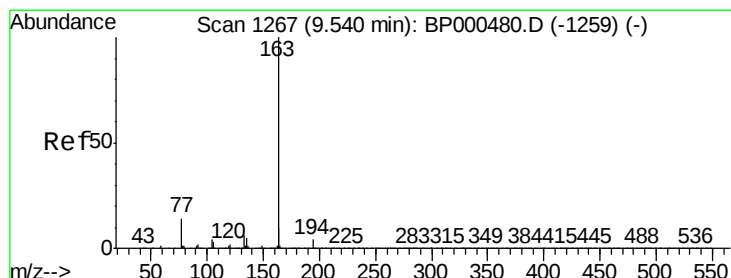
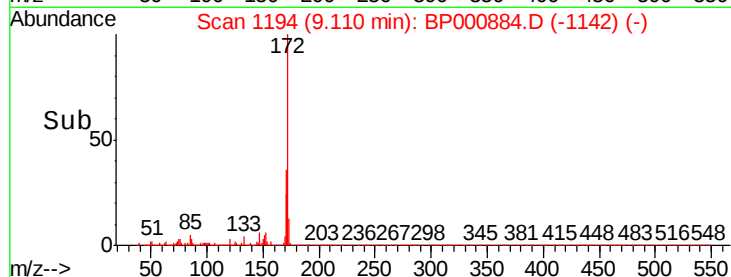
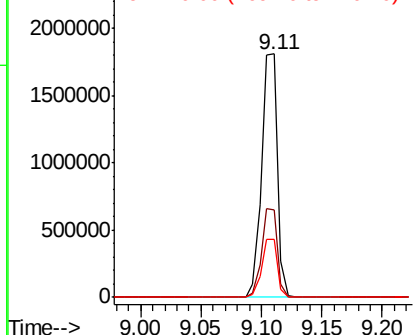
#45
2-Fluorobiphenyl
Concen: 75.283 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BP000884.D
Acq: 18 Oct 2019 18:38

Instrument :
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Tot Ion:172 Resp: 1658959
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 23.7 19.3 28.9

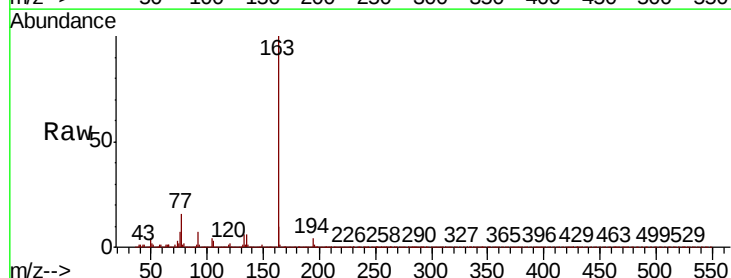


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

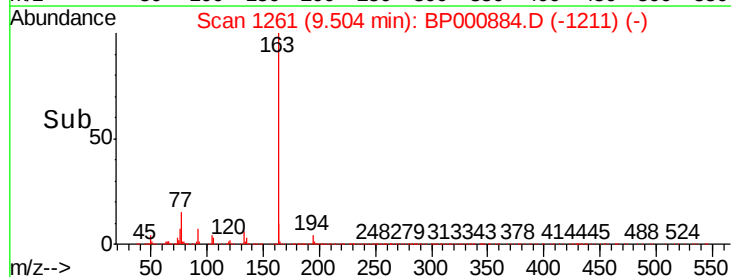
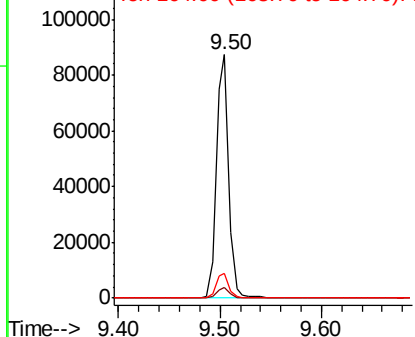


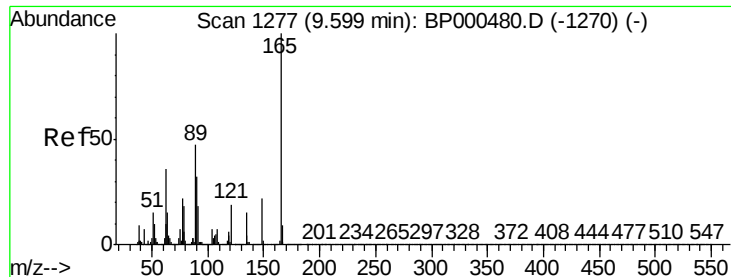
#50
Dimethylphthalate
Concen: 2.932 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BP000884.D
Acq: 18 Oct 2019 18:38

Tgt Ion:163 Resp: 72650
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.0 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 8.619 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.22 min

Lab File: BP000884.D

Acq: 18 Oct 2019 18:38

Instrument :

BNA_P

ClientSampleId :

20190855-AMENDED-COMP-BRE

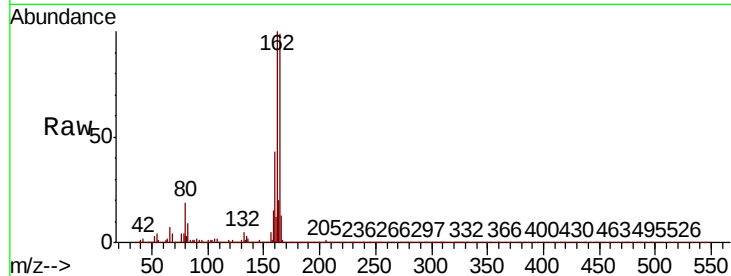
Tot Ion:165 Resp: 46563

Ion Ratio Lower Upper

165 100

63 1.0 33.6 50.4#

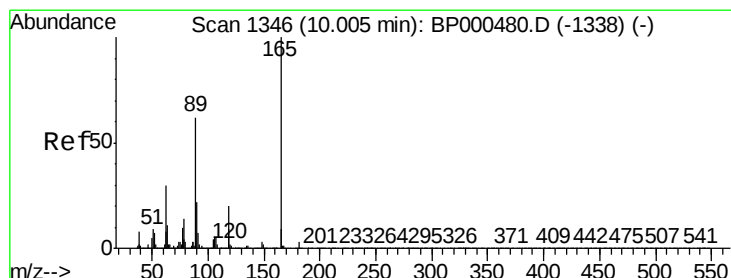
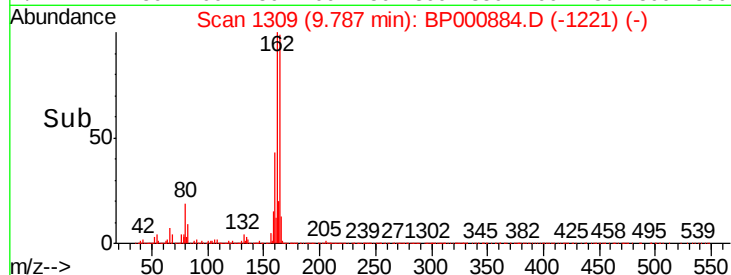
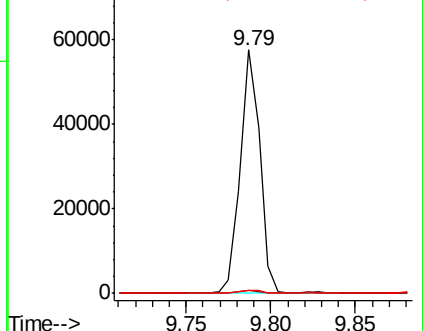
89 1.5 40.8 61.2#



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: 6.506 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.19 min

Lab File: BP000884.D

Acq: 18 Oct 2019 18:38

Tgt Ion:165 Resp: 46607

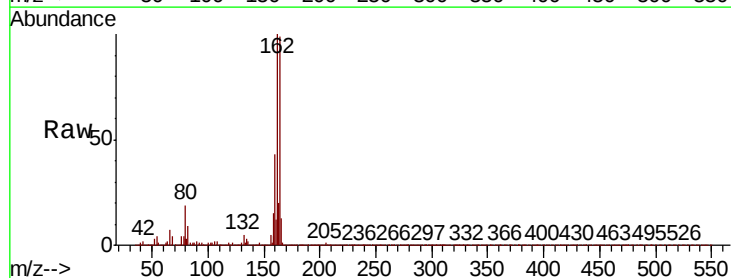
Ion Ratio Lower Upper

165 100

63 1.0 25.4 38.2#

89 1.5 49.2 73.8#

182 0.1 2.3 3.5#

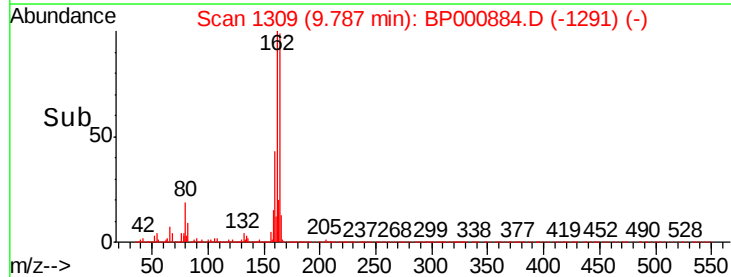
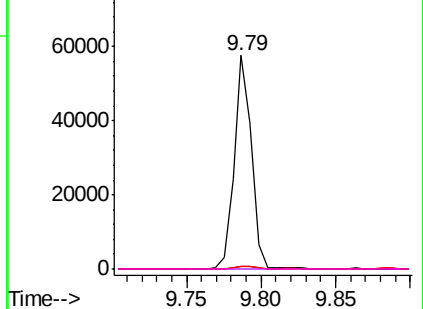


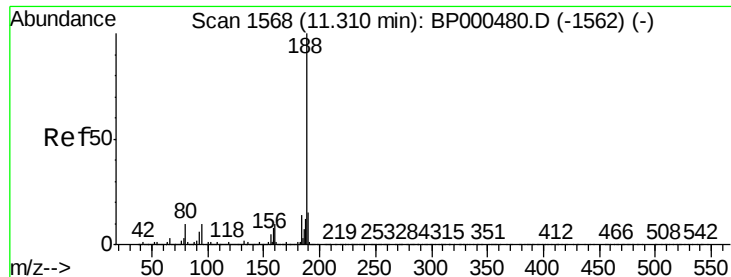
Abundance Ion 165.00 (164.70 to 165.70): E

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

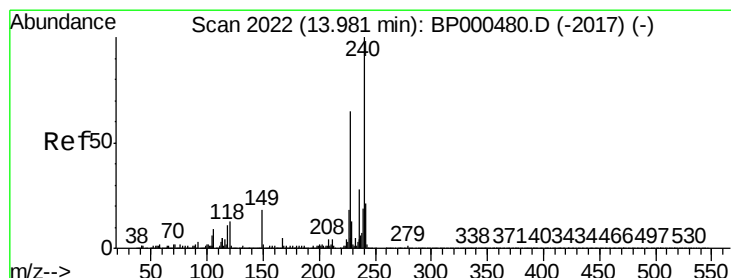
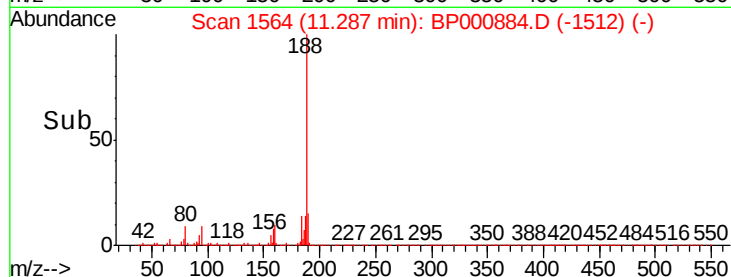
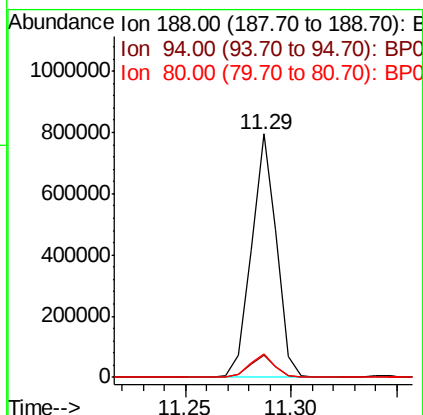
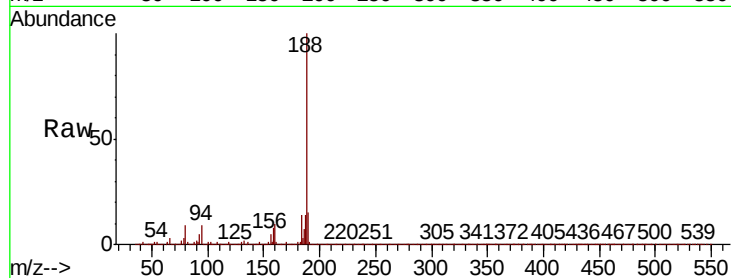




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BP000884.D
Acq: 18 Oct 2019 18:38

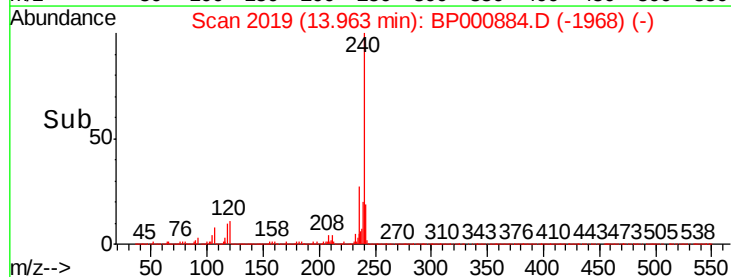
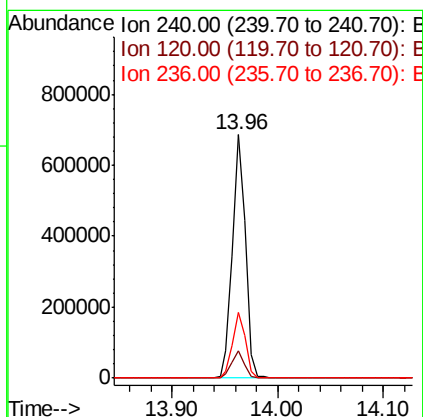
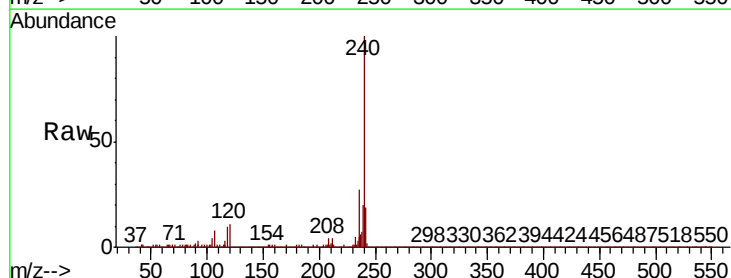
Instrument :
BNA_P
ClientSampleId :
20190855-AMENDED-COMP-BRE

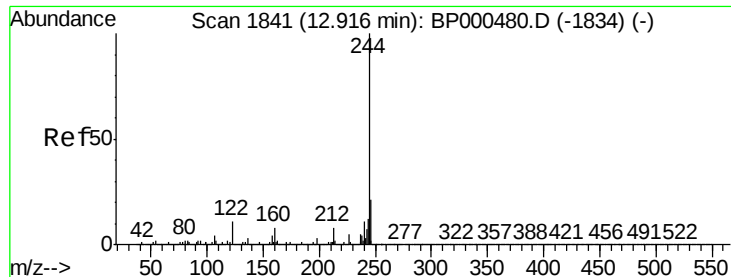
Tot Ion:188 Resp: 651545
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 9.5 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BP000884.D
Acq: 18 Oct 2019 18:38

Tgt Ion:240 Resp: 578032
Ion Ratio Lower Upper
240 100
120 11.0 7.3 10.9#
236 27.0 21.2 31.8





#79

Terphenyl-d14

Concen: 73.745 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BP000884.D

Acq: 18 Oct 2019 18:38

Instrument :

BNA_P

ClientSampleId :

20190855-AMENDED-COMP-BRE

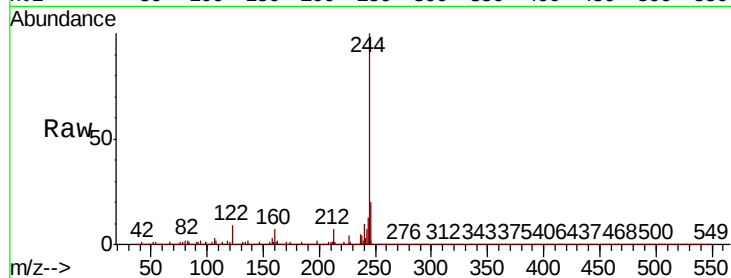
Tot Ion:244 Resp: 2105334

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

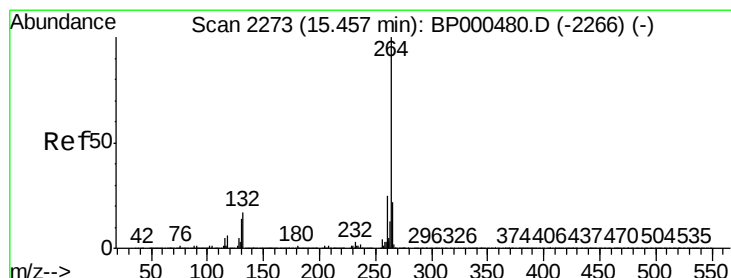
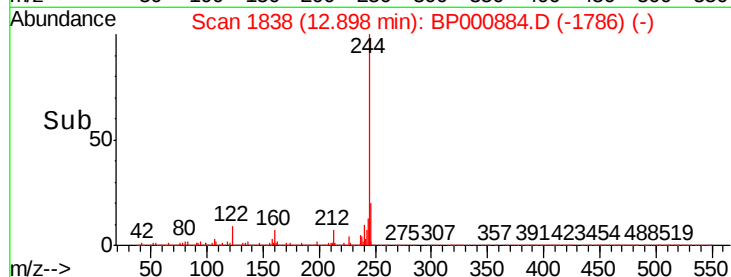
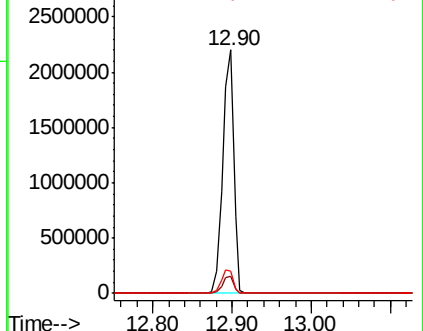
122 9.3 7.1 10.7



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. 0.01 min

Lab File: BP000884.D

Acq: 18 Oct 2019 18:38

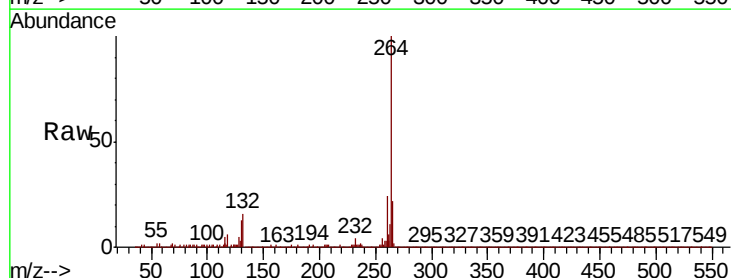
Tgt Ion:264 Resp: 669917

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 21.6 17.4 26.0



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

