

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000885.D
 Acq On : 18 Oct 2019 19:02
 Operator : JU
 Sample : K5292-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20180657-AMENDED-COMP-DRE

Quant Time: Oct 19 02:19:00 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

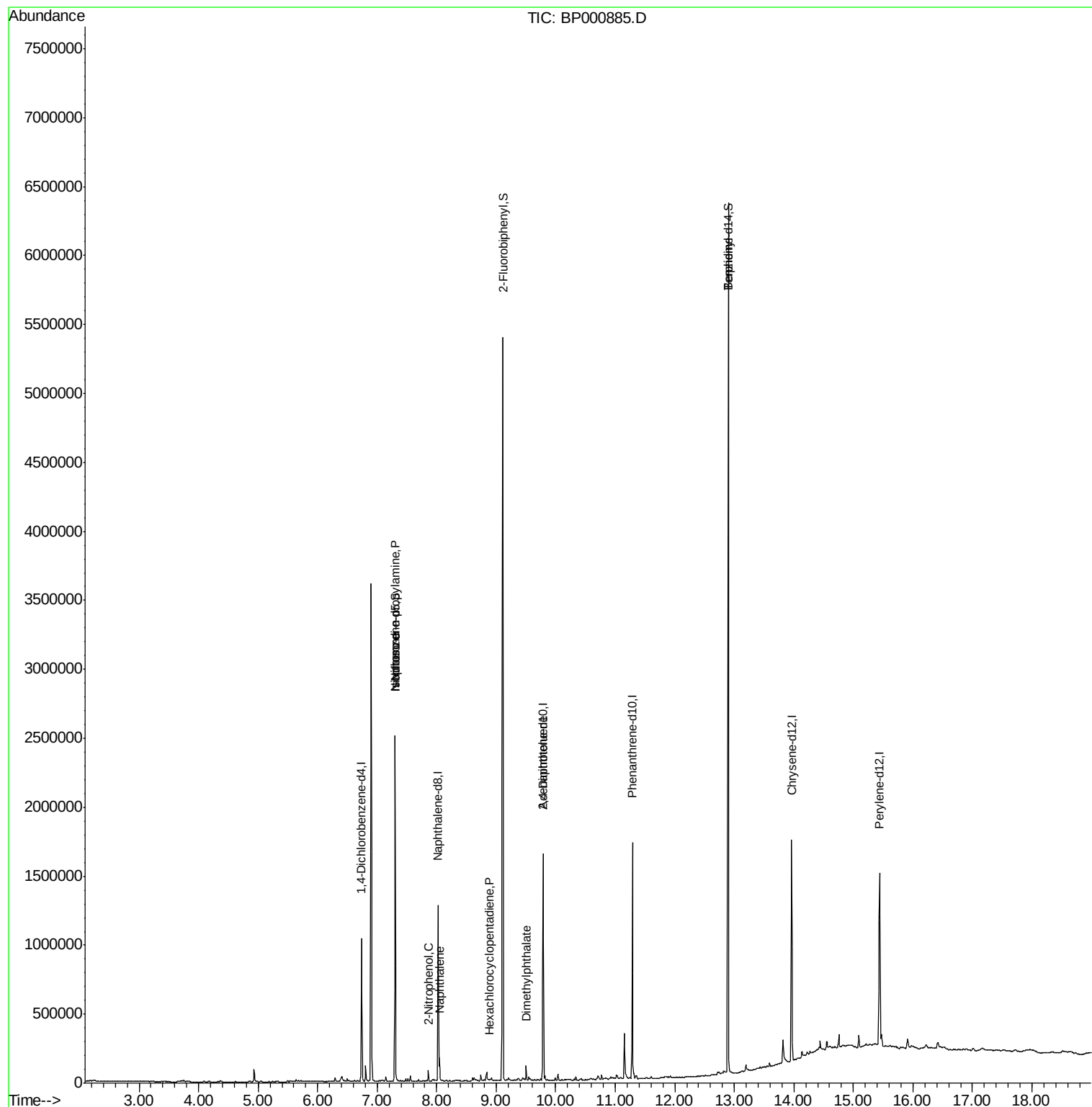
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	152560	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	538217	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	301229	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	549515	20.00	ng	0.00
76) Chrysene-d12	13.96	240	499353	20.00	ng	0.00
87) Perylene-d12	15.44	264	564611	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	18	0.00	ng	-0.01
7) Phenol-d6	6.39	99	6401	0.56	ng	0.00
23) Nitrobenzene-d5	7.30	82	753704	85.53	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	1757	0.55	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1776936	95.44	ng	0.00
79) Terphenyl-d14	12.90	244	2255366	91.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	94509	17.928	ng	# 75
25) Isophorone	7.30	82	752152	48.091	ng	# 61
26) 2-Nitrophenol	7.86	139	10786	2.413	ng	# 42
31) Naphthalene	8.05	128	63714	2.535	ng	99
41) Hexachlorocyclopentadiene	8.88	237	17	7.301	ng	81
50) Dimethylphthalate	9.50	163	48305	2.308	ng	99
57) 2,4-Dinitrotoluene	9.79	165	38557	6.371	ng	# 31
77) Benzidine	12.90	184	29742	2.057	ng	95

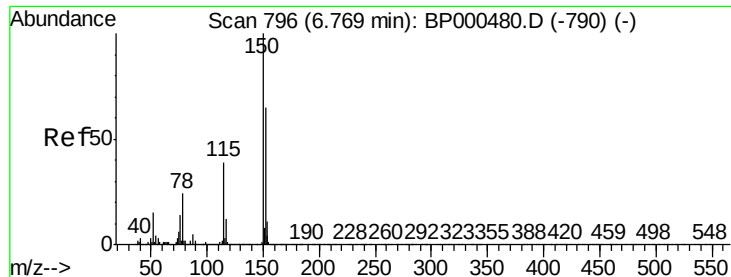
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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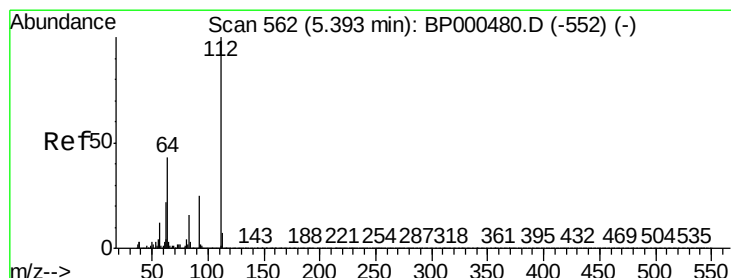
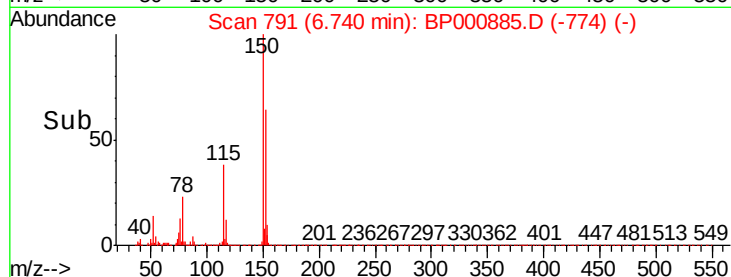
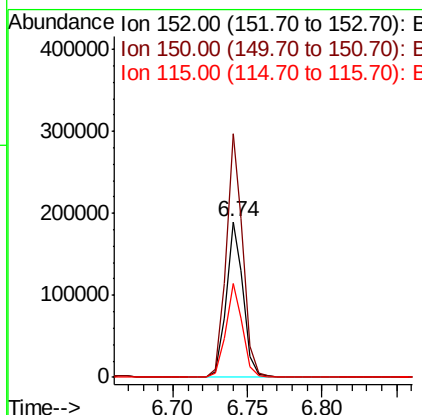
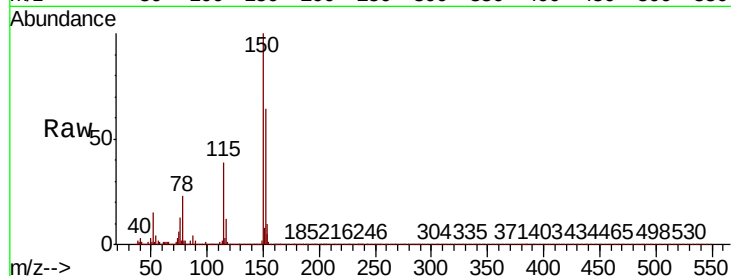


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BP000885.D
Acq: 18 Oct 2019 19:02

Instrument :
BNA_P
ClientSampleId :
20180657-AMENDED-COMP-DRE

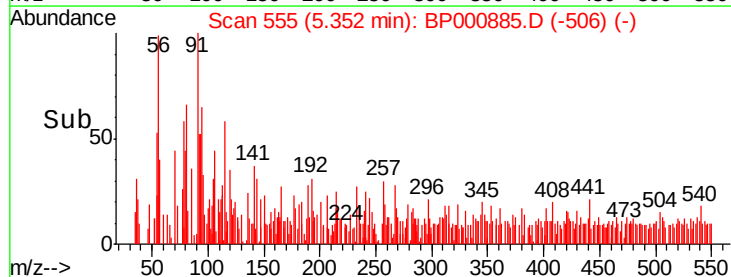
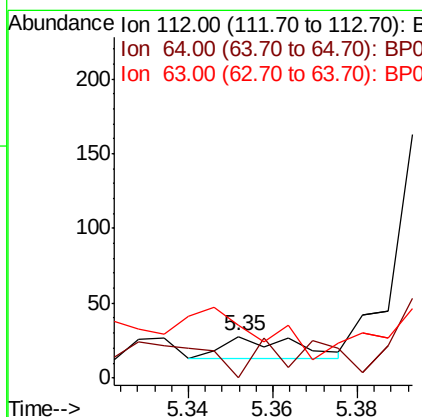
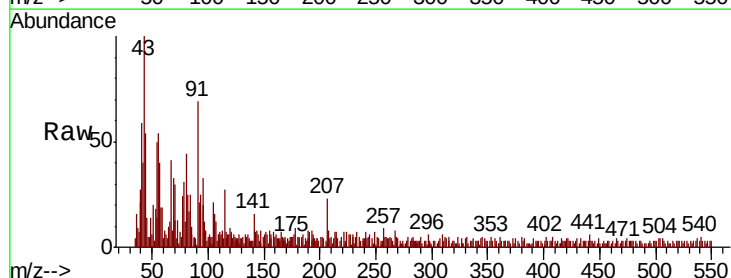
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.8	185.8
115	60.2	46.8	70.2

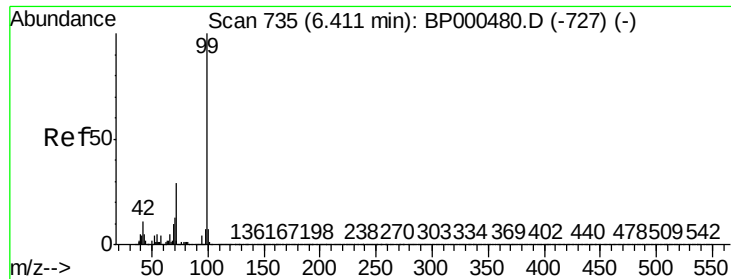


#5

2-Fluorophenol
Concen: 0.002 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.01 min
Lab File: BP000885.D
Acq: 18 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	33.9	50.9#
63	125.0	17.4	26.0#





#7

Phenol-d6

Concen: 0.560 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BP000885.D

Acq: 18 Oct 2019 19:02

Instrument :

BNA_P

ClientSampleId :

20180657-AMENDED-COMP-DRE

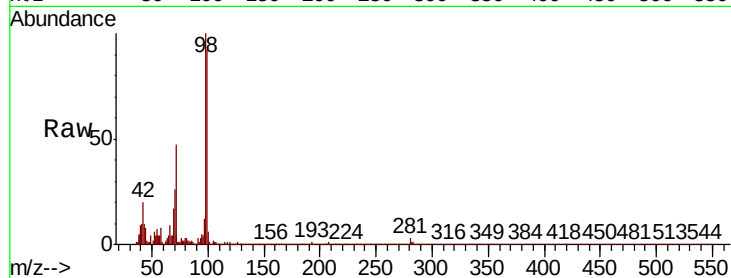
Tot Ion: 99 Resp: 6401

Ion Ratio Lower Upper

99 100

42 21.6 8.7 13.1#

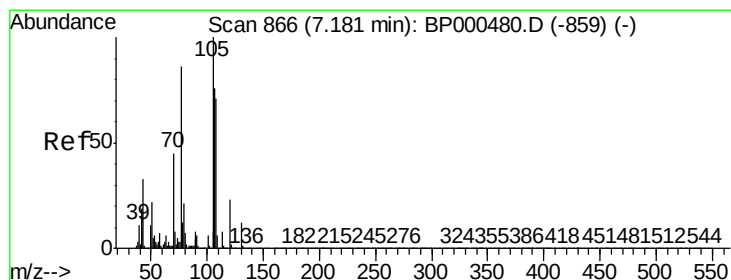
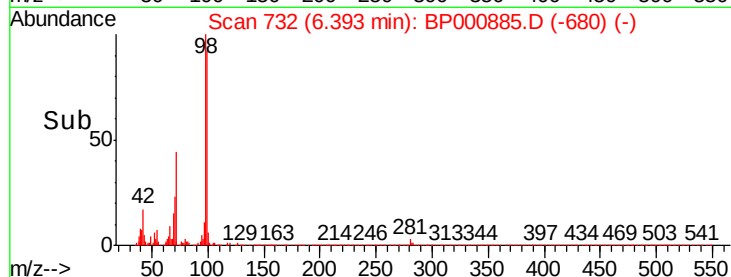
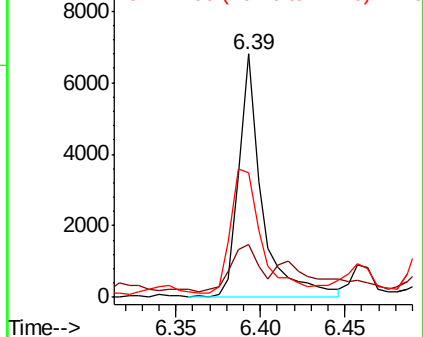
71 51.0 24.1 36.1#



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#19

n-Nitroso-di-n-propylamine

Concen: 17.928 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.15 min

Lab File: BP000885.D

Acq: 18 Oct 2019 19:02

Tgt Ion: 70 Resp: 94509

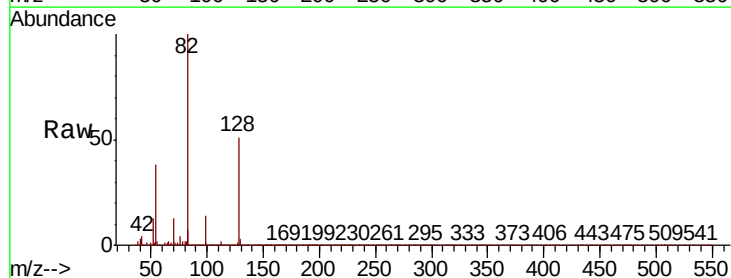
Ion Ratio Lower Upper

70 100

42 35.7 34.0 51.0

101 0.0 9.5 14.3#

130 2.6 21.3 31.9#

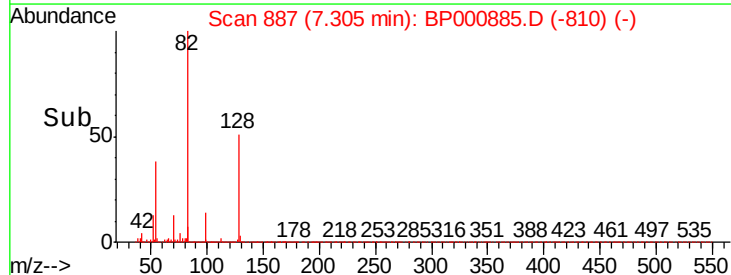
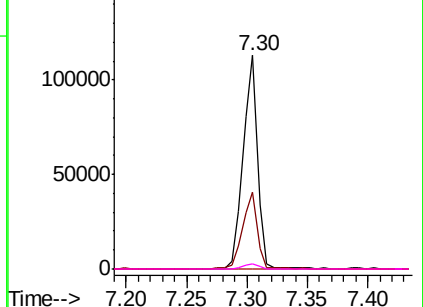


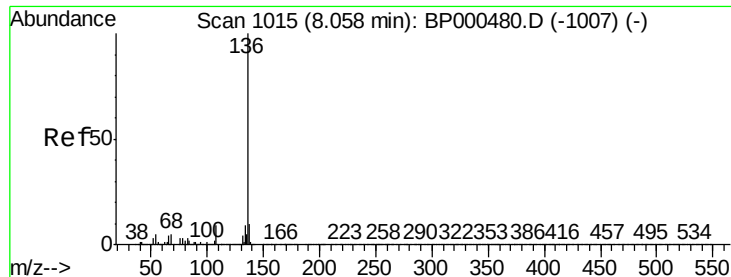
Abundance Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

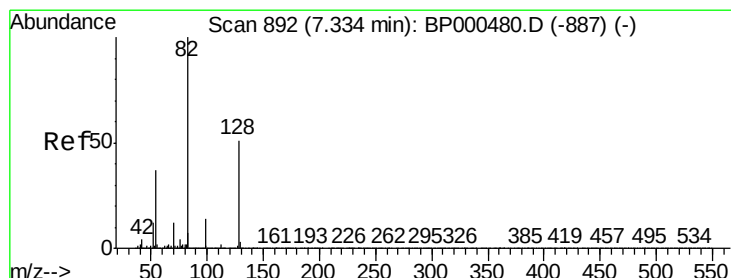
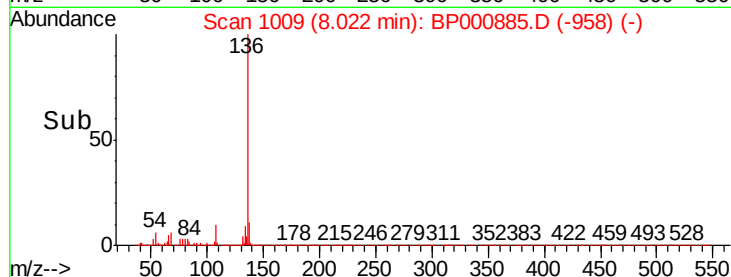
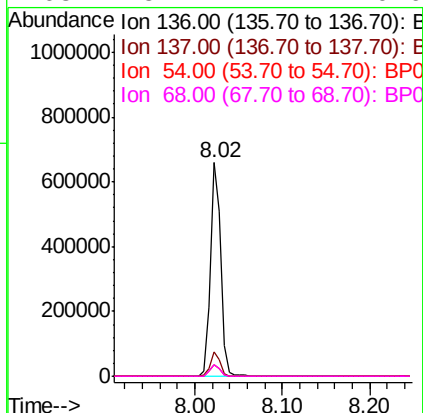
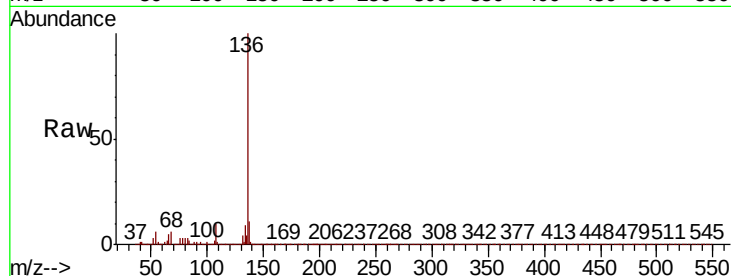




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BP000885.D
Acq: 18 Oct 2019 19:02

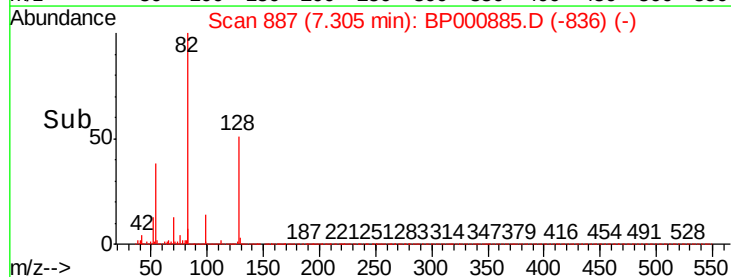
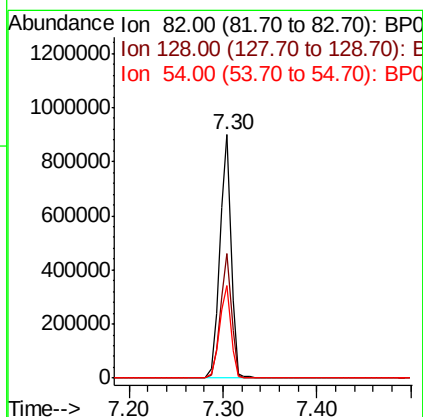
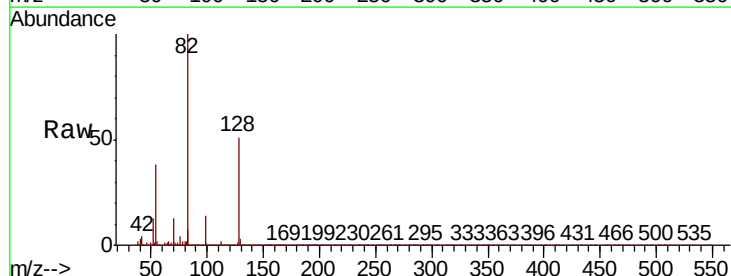
Instrument :
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ClientSampleId :
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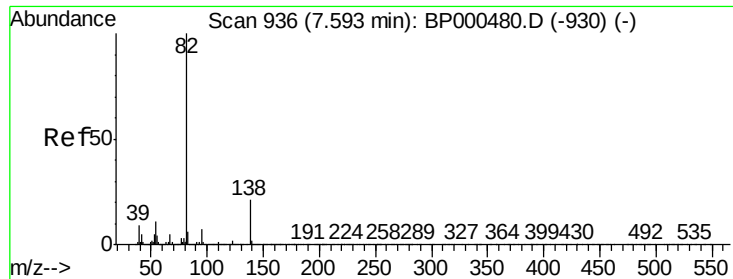
Tot Ion:136	Resp:	538217
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.9 13.3
54	5.7	4.6 6.8
68	5.7	4.4 6.6



#23
Nitrobenzene-d5
Concen: 85.528 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BP000885.D
Acq: 18 Oct 2019 19:02

Tgt Ion: 82	Resp:	753704
Ion	Ratio	Lower Upper
82	100	
128	51.3	41.2 61.8
54	38.2	30.6 45.8





#25

Isophorone

Concen: 48.091 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.26 min

Lab File: BP000885.D

Acq: 18 Oct 2019 19:02

Instrument :

BNA_P

ClientSampleId :

20180657-AMENDED-COMP-DRE

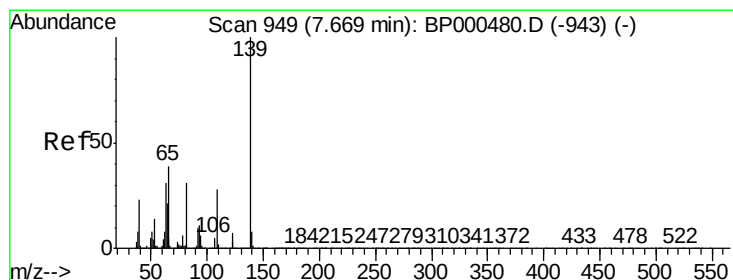
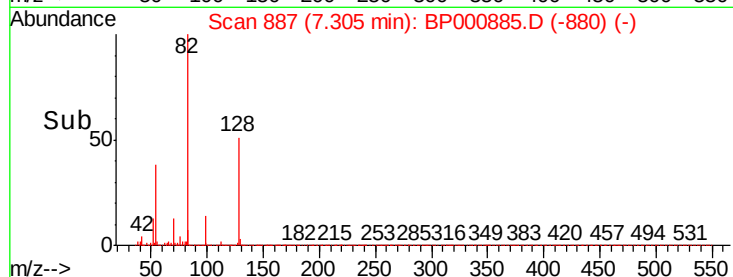
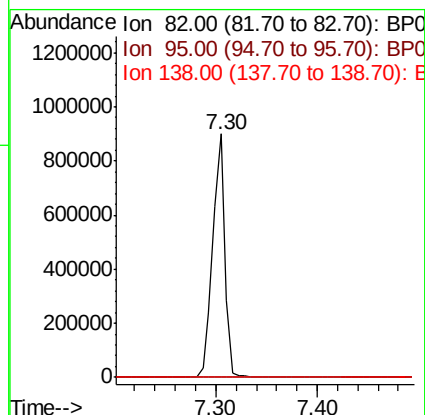
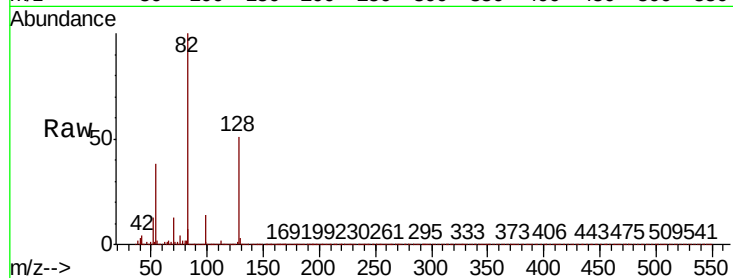
Tot Ion: 82 Resp: 752152

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.4#

138 0.0 17.0 25.4#



#26

2-Nitrophenol

Concen: 2.413 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.22 min

Lab File: BP000885.D

Acq: 18 Oct 2019 19:02

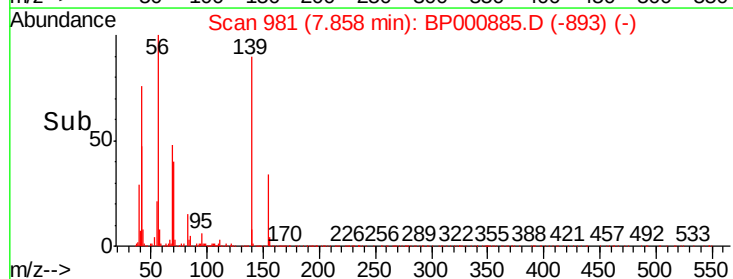
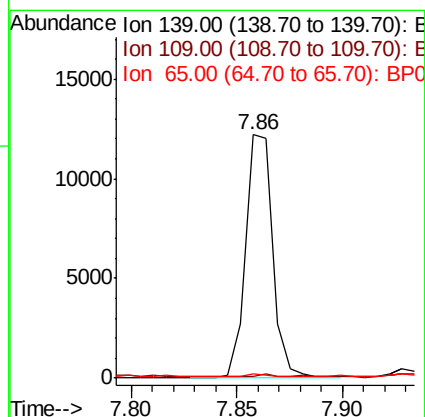
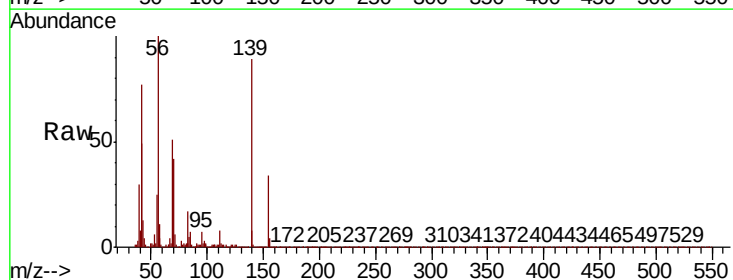
Tgt Ion: 139 Resp: 10786

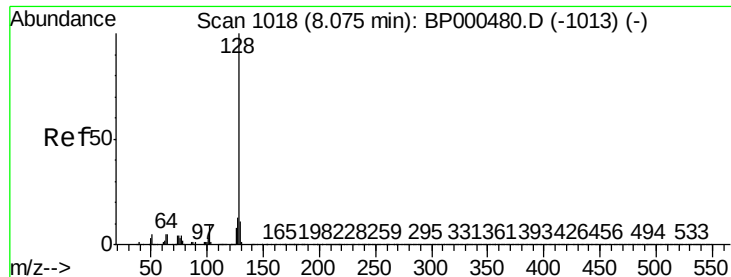
Ion Ratio Lower Upper

139 100

109 0.8 23.8 35.6#

65 1.5 30.7 46.1#

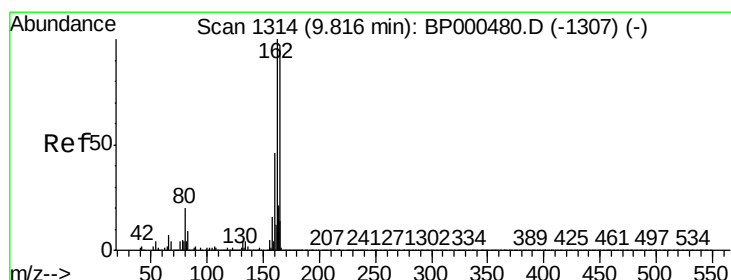
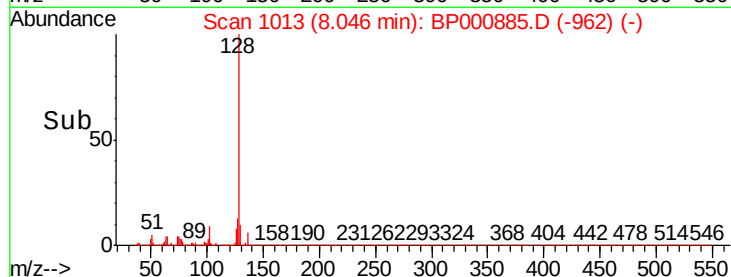
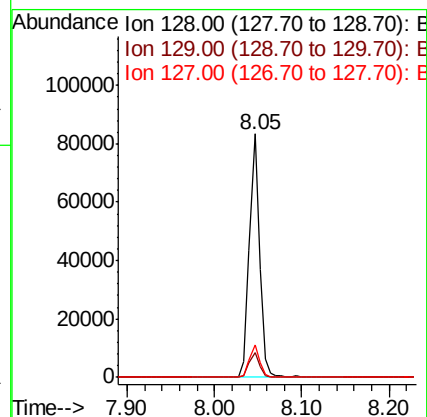
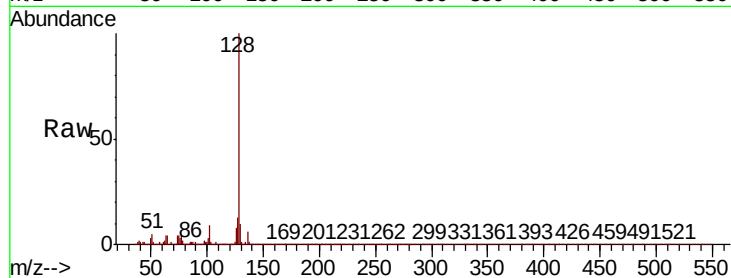




#31
Naphthalene
Concen: 2.535 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BP000885.D
Acq: 18 Oct 2019 19:02

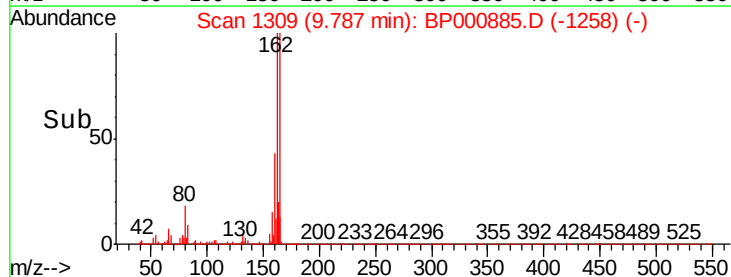
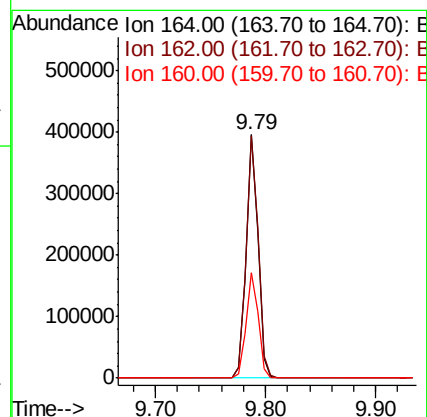
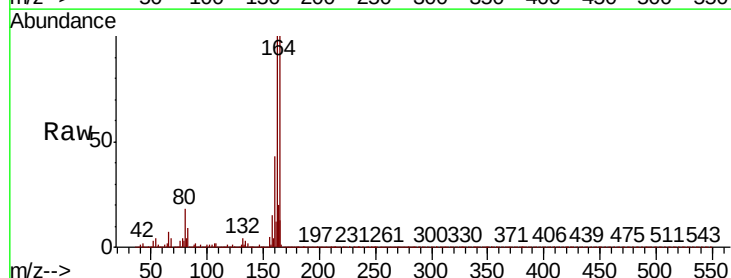
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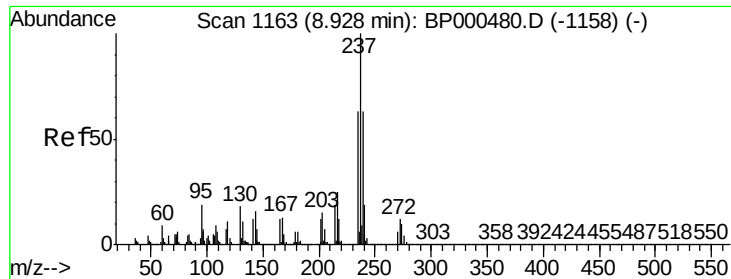
Tot Ion:128 Resp: 63714
Ion Ratio Lower Upper
128 100
129 10.2 8.8 13.2
127 13.3 10.8 16.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BP000885.D
Acq: 18 Oct 2019 19:02

Tgt Ion:164 Resp: 301229
Ion Ratio Lower Upper
164 100
162 99.6 80.6 121.0
160 43.4 35.4 53.2





#41

Hexachlorocyclopentadiene

Concen: 7.301 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BP000885.D

Acq: 18 Oct 2019 19:02

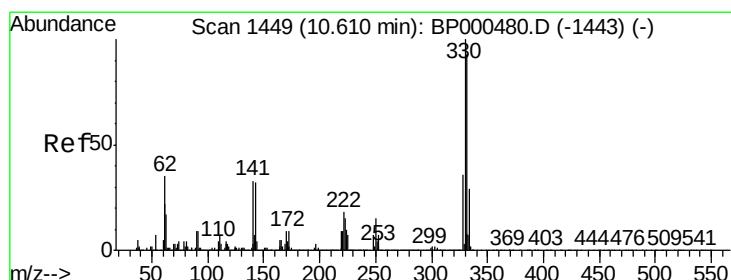
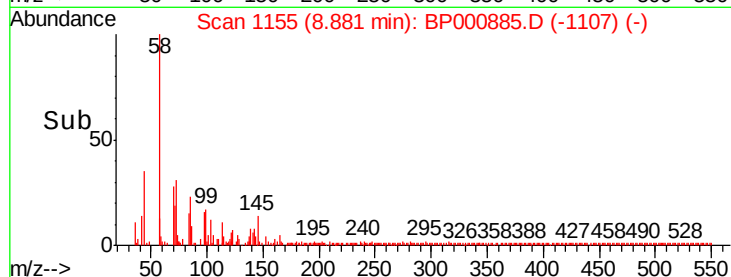
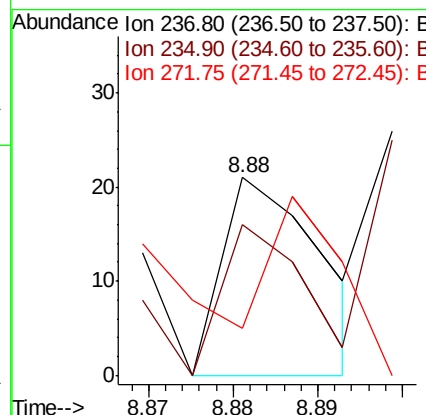
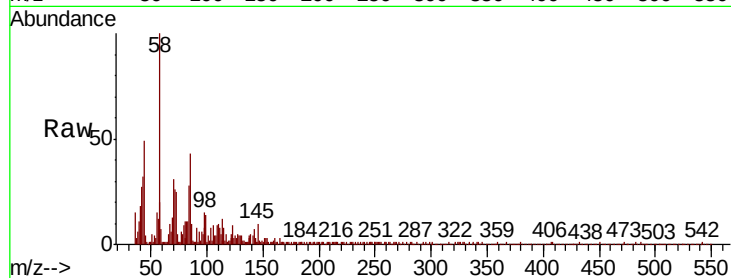
Instrument :

BNA_P

ClientSampleId :

20180657-AMENDED-COMP-DRE

Tot Ion:	237	Resp:	17
Ion	Ratio	Lower	Upper
237	100		
235	76.2	42.3	82.3
272	23.8	0.0	33.6



#42

2,4,6-Tribromophenol

Concen: 0.547 ng

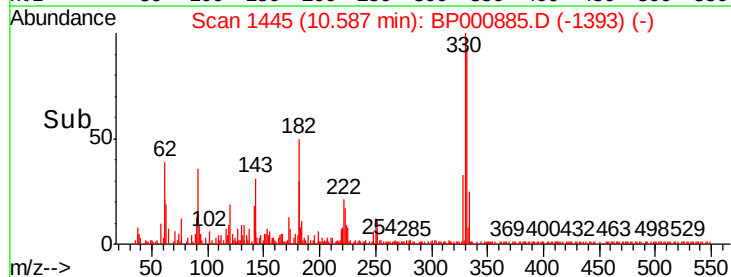
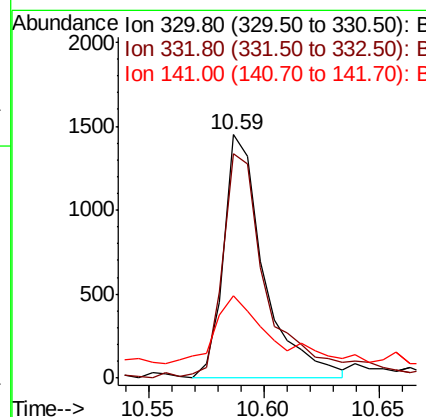
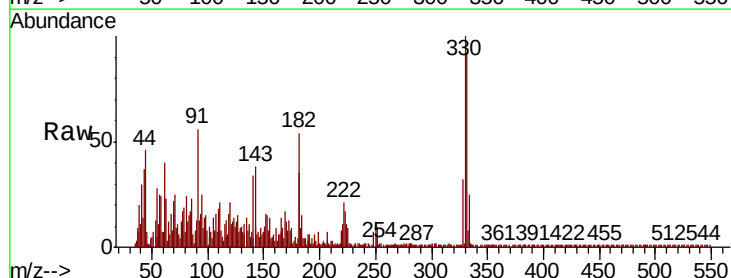
RT: 10.59 min Scan# 1445

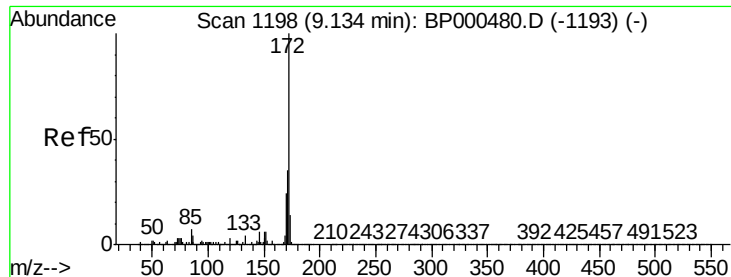
Delta R.T. 0.01 min

Lab File: BP000885.D

Acq: 18 Oct 2019 19:02

Tgt Ion:	330	Resp:	1757
Ion	Ratio	Lower	Upper
330	100		
332	107.5	78.2	117.4
141	44.1	23.7	35.5#

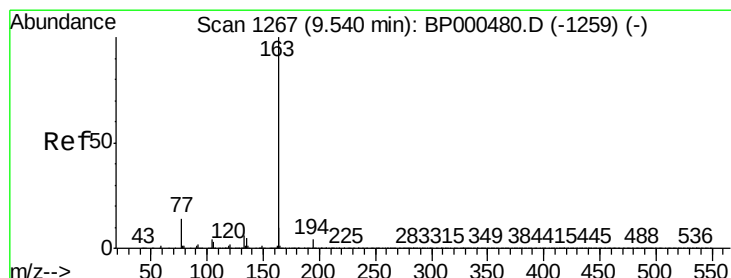
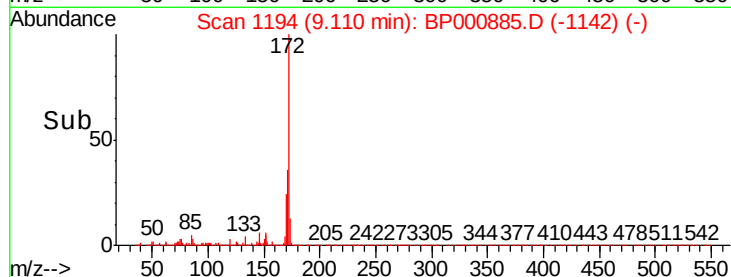
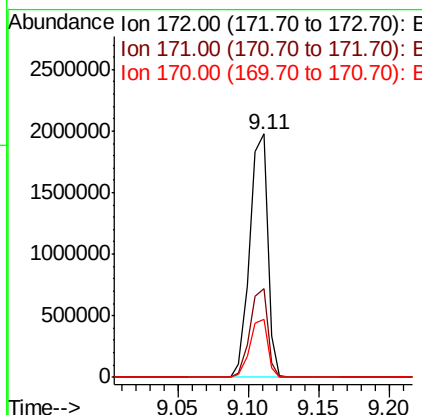
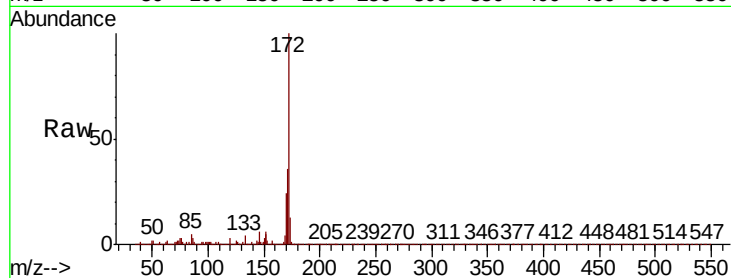




#45
2-Fluorobiphenyl
Concen: 95.445 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BP000885.D
Acq: 18 Oct 2019 19:02

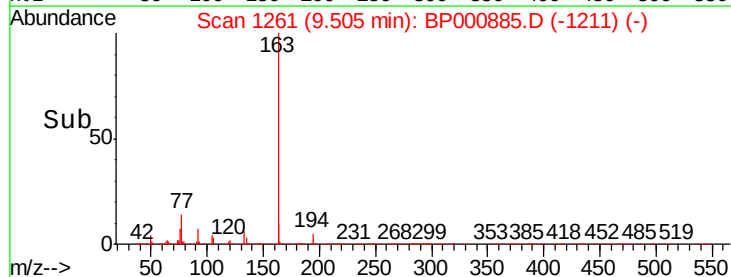
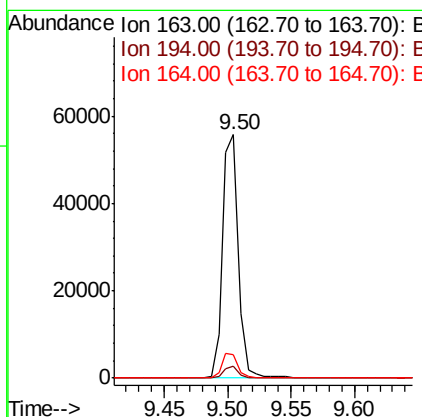
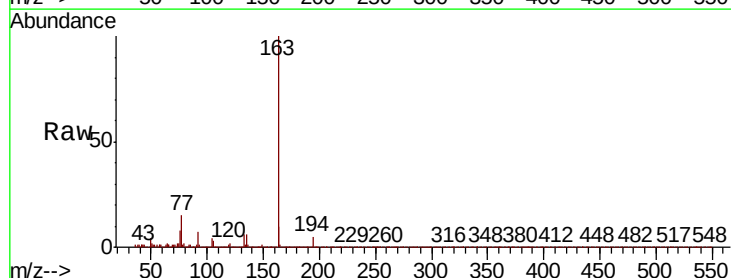
Instrument :
BNA_P
ClientSampleId :
20180657-AMENDED-COMP-DRE

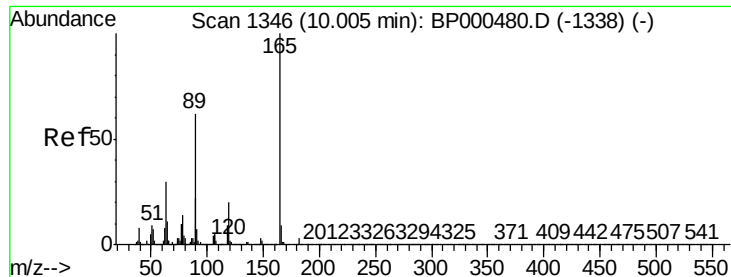
Tot Ion:172 Resp: 1776936
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.4
170 23.8 19.3 28.9



#50
Dimethylphthalate
Concen: 2.308 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BP000885.D
Acq: 18 Oct 2019 19:02

Tgt Ion:163 Resp: 48305
Ion Ratio Lower Upper
163 100
194 4.7 3.5 5.3
164 9.9 8.3 12.5





#57

2,4-Dinitrotoluene

Concen: 6.371 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.19 min

Lab File: BP000885.D

Acq: 18 Oct 2019 19:02

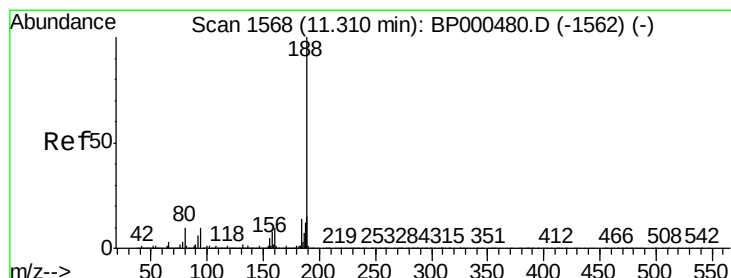
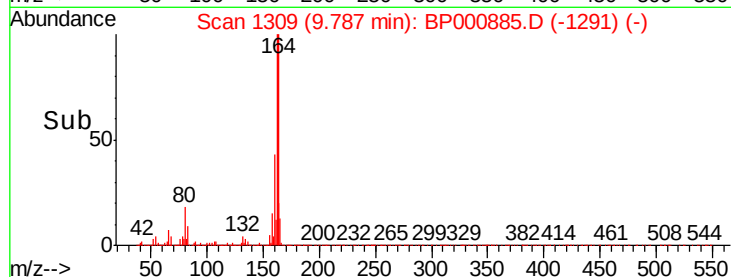
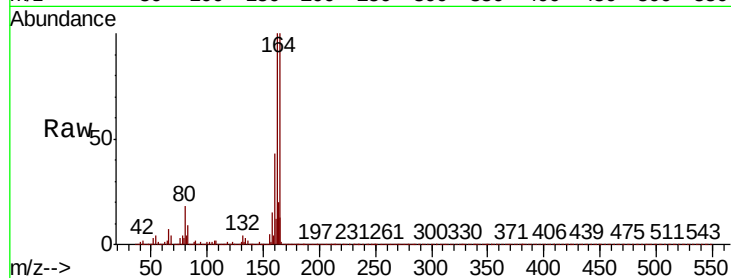
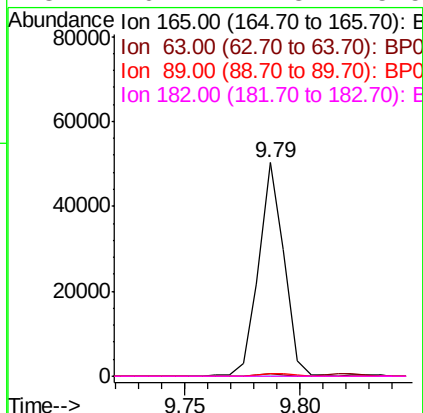
Instrument :

BNA_P

ClientSampleId :

20180657-AMENDED-COMP-DRE

Tot Ion:165	Resp:	38557
Ion Ratio	Lower	Upper
165	100	
63	1.0	25.4 38.2#
89	1.2	49.2 73.8#
182	0.1	2.3 3.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

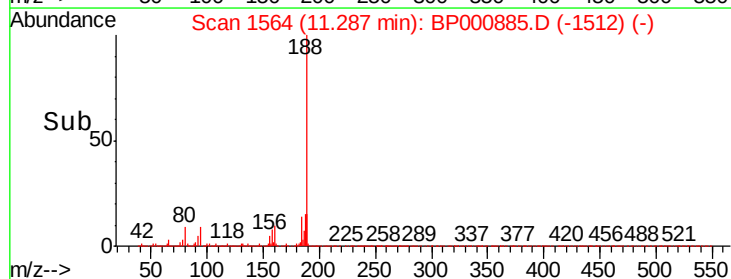
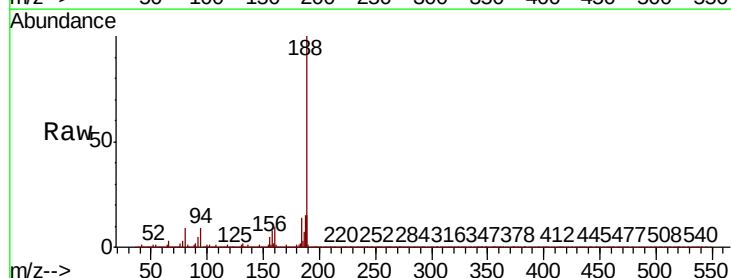
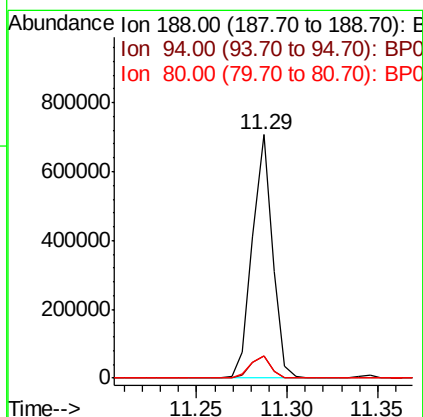
RT: 11.29 min Scan# 1564

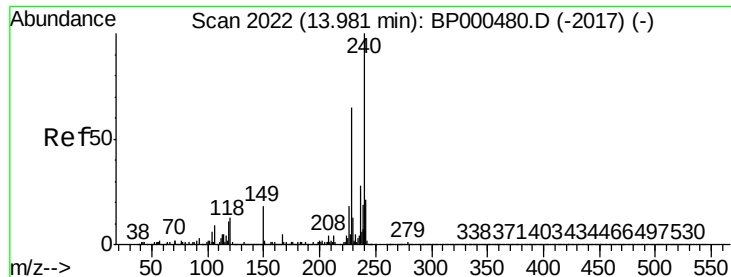
Delta R.T. 0.01 min

Lab File: BP000885.D

Acq: 18 Oct 2019 19:02

Tgt Ion:188	Resp:	549515
Ion Ratio	Lower	Upper
188	100	
94	8.9	8.0 12.0
80	9.1	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: BP000885.D

Acq: 18 Oct 2019 19:02

Instrument :

BNA_P

ClientSampleId :

20180657-AMENDED-COMP-DRE

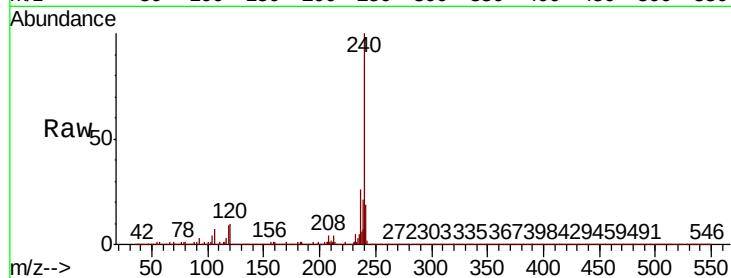
Tot Ion:240 Resp: 499353

Ion Ratio Lower Upper

240 100

120 10.2 7.3 10.9

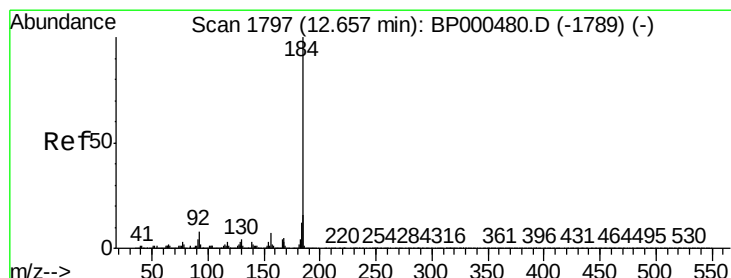
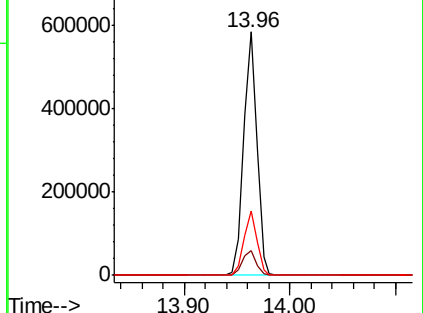
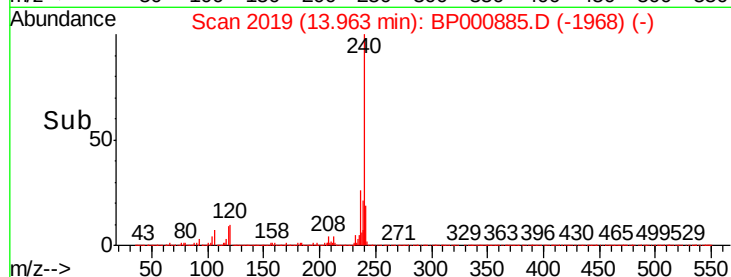
236 26.2 21.2 31.8



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



#77

Benzidine

Concen: 2.057 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.26 min

Lab File: BP000885.D

Acq: 18 Oct 2019 19:02

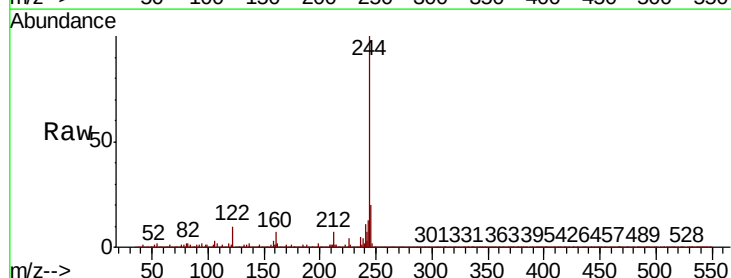
Tgt Ion:184 Resp: 29742

Ion Ratio Lower Upper

184 100

185 17.1 12.2 18.2

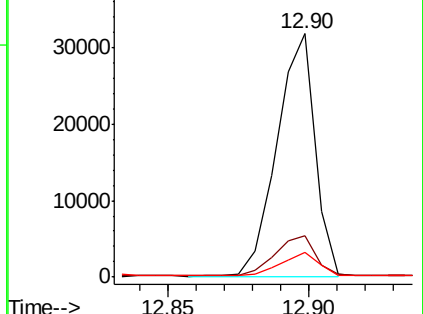
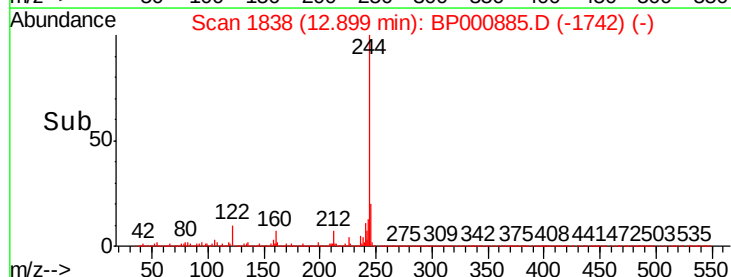
183 10.2 9.8 14.8

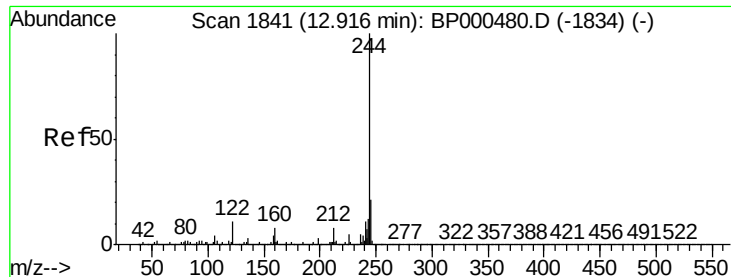


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 91.448 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BP000885.D

Acq: 18 Oct 2019 19:02

Instrument :

BNA_P

ClientSampleId :

20180657-AMENDED-COMP-DRE

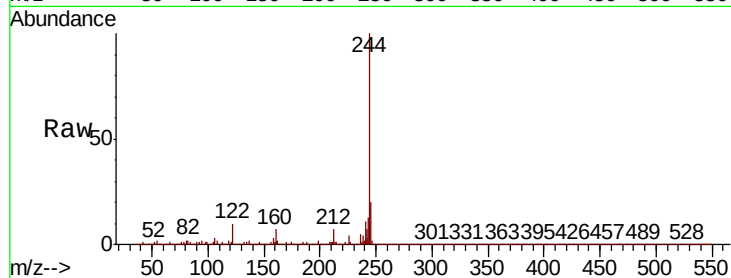
Tot Ion:244 Resp: 2255366

Ion Ratio Lower Upper

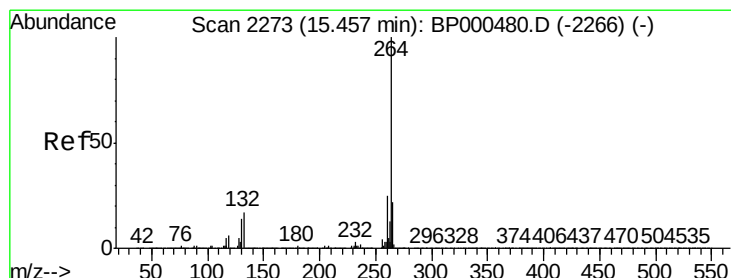
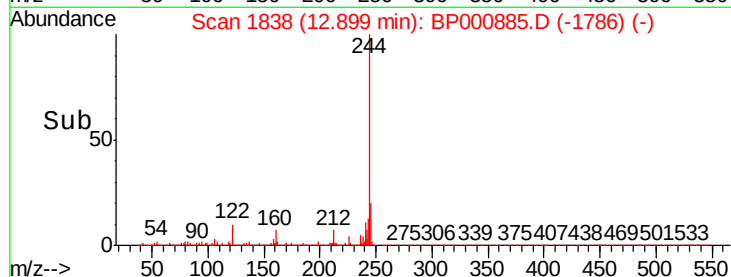
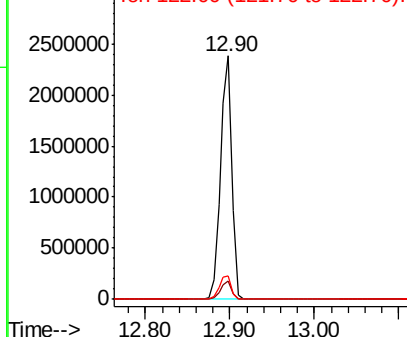
244 100

212 7.3 5.5 8.3

122 9.6 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: BP000885.D

Acq: 18 Oct 2019 19:02

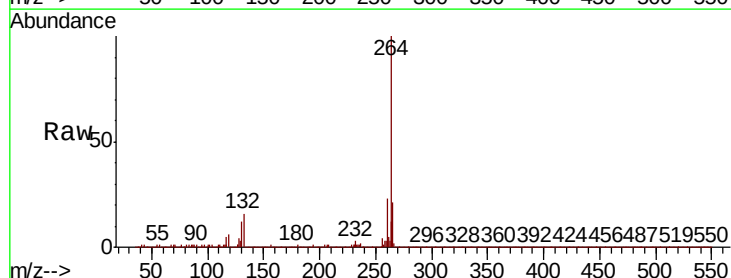
Tgt Ion:264 Resp: 564611

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 21.4 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

