

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000886.D
 Acq On : 18 Oct 2019 19:26
 Operator : JU
 Sample : K5292-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Oct 19 02:19:13 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

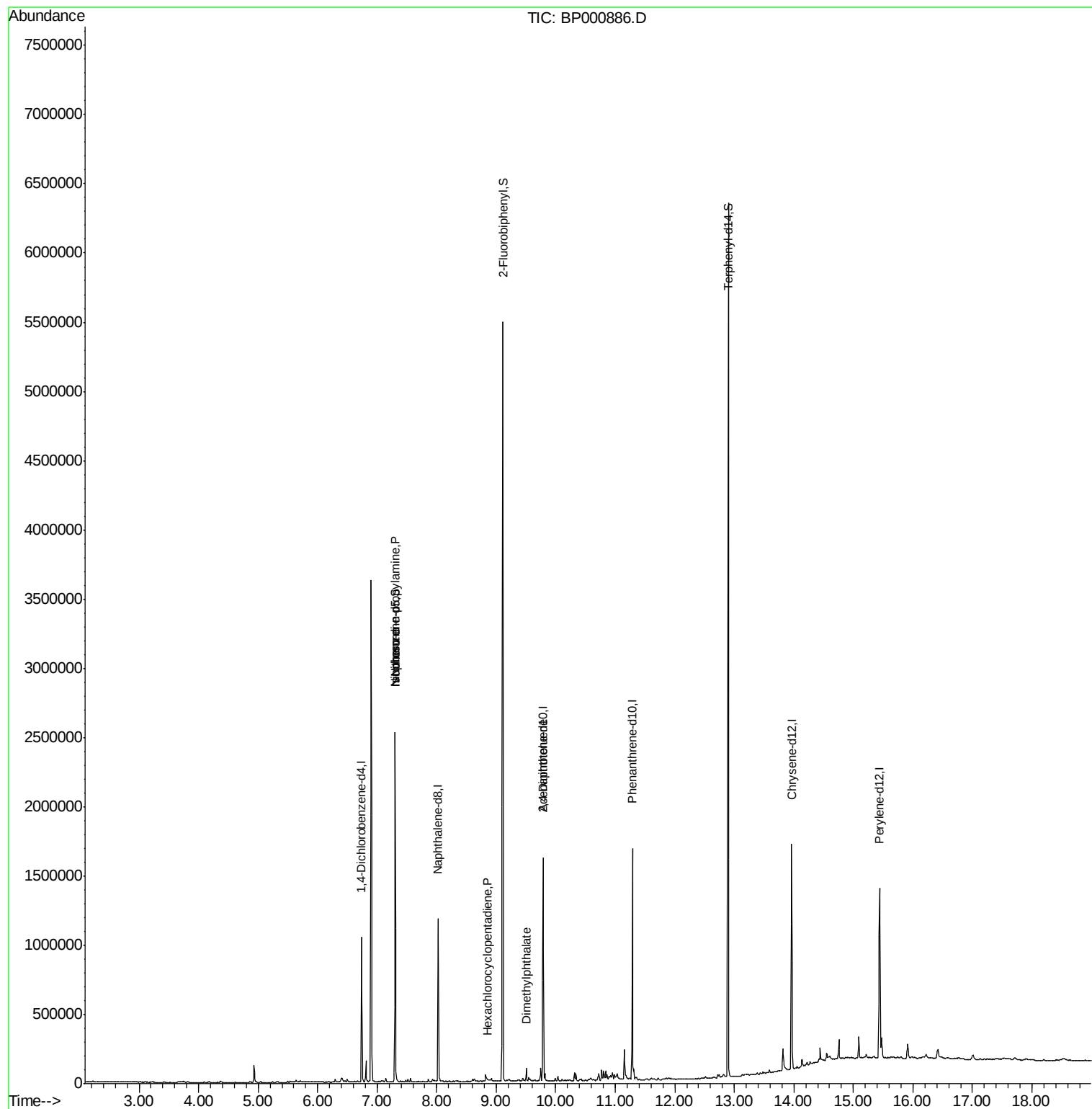
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	148928	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	531373	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	293157	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	540408	20.00	ng	0.00
76) Chrysene-d12	13.96	240	490816	20.00	ng	0.00
87) Perylene-d12	15.44	264	559345	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	46	0.00	ng	-0.04
7) Phenol-d6	6.39	99	4908	0.44	ng	0.00
23) Nitrobenzene-d5	7.30	82	757231	87.04	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	1613	0.52	ng	0.01
45) 2-Fluorobiphenyl	9.11	172	1764223	97.37	ng	0.00
79) Terphenyl-d14	12.90	244	2250989	92.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	94354	18.335	ng	# 75
25) Isophorone	7.30	82	756485	48.991	ng	# 61
41) Hexachlorocyclopentadiene	8.86	237	11	7.300	ng	84
50) Dimethylphthalate	9.50	163	42116	2.068	ng	99
57) 2,4-Dinitrotoluene	9.79	165	38769	6.582	ng	# 31

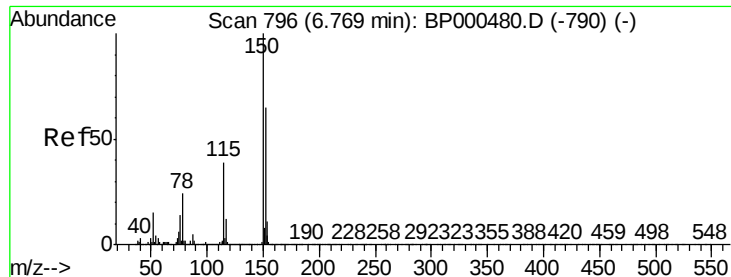
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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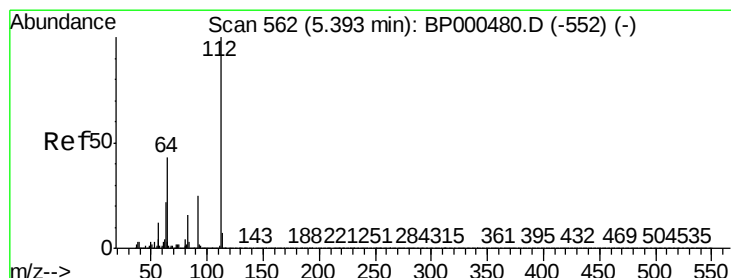
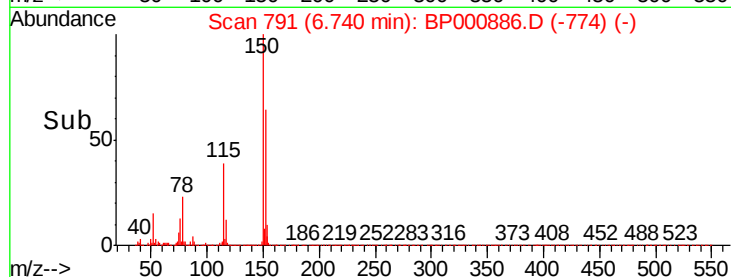
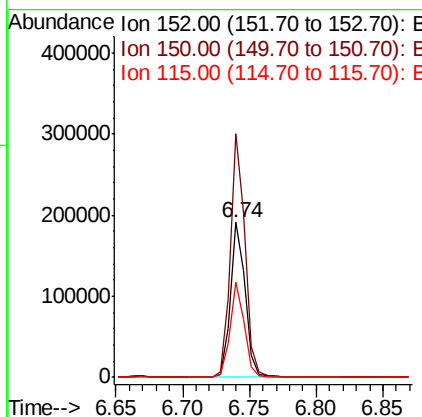
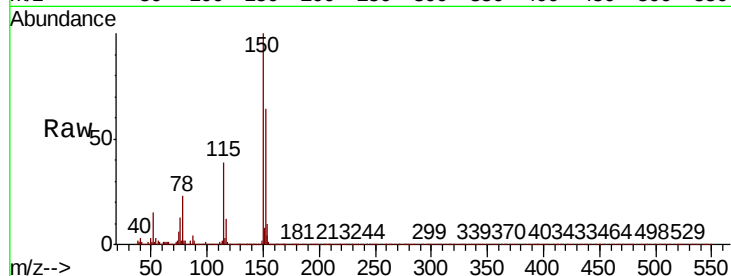


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BP000886.D
Acq: 18 Oct 2019 19:26

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

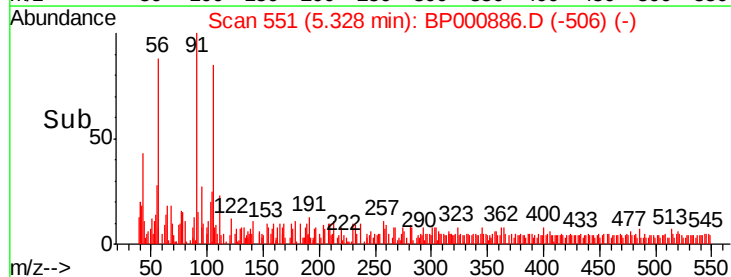
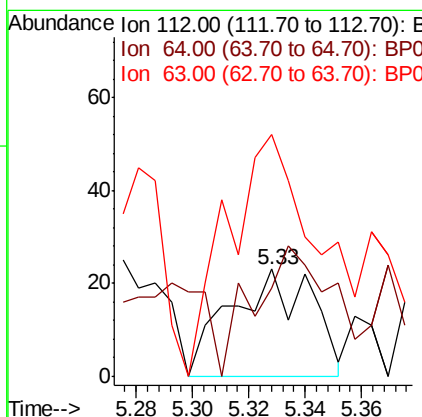
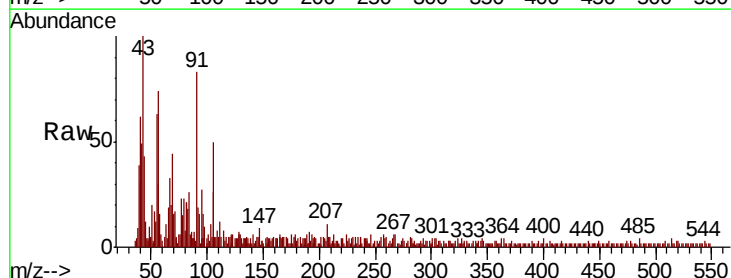
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.8	185.8
115	61.2	46.8	70.2

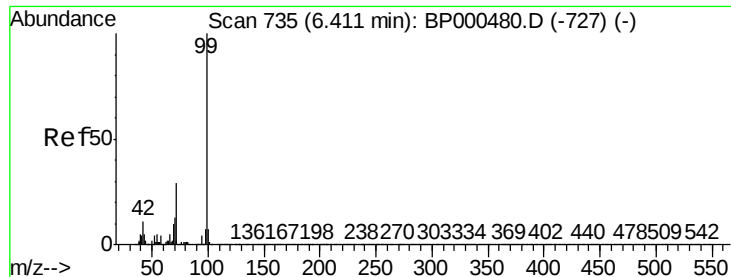


#5

2-Fluorophenol
Concen: 0.005 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.04 min
Lab File: BP000886.D
Acq: 18 Oct 2019 19:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	82.6	33.9	50.9#
63	226.1	17.4	26.0#





#7

Phenol-d6

Concen: 0.440 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BP000886.D

Acq: 18 Oct 2019 19:26

Instrument :

BNA_P

ClientSampleId :

20190858-AMENDED-COMP-ERE

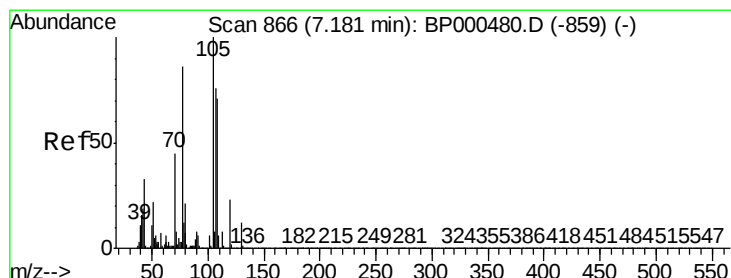
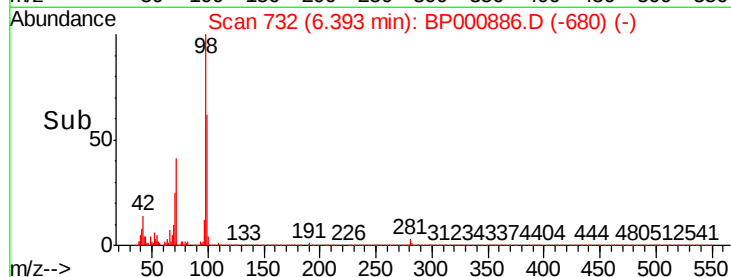
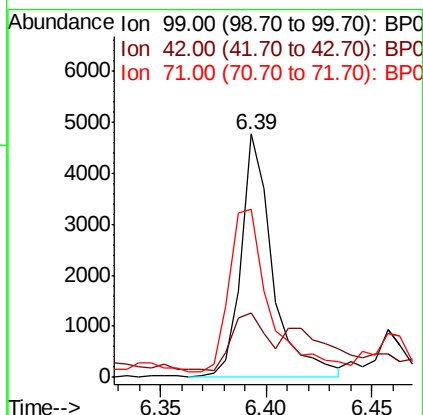
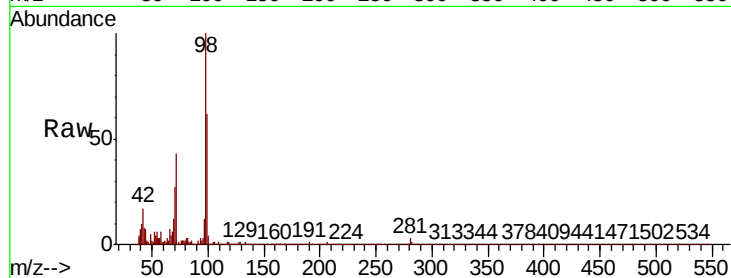
Tot Ion: 99 Resp: 4908

Ion Ratio Lower Upper

99 100

42 26.7 8.7 13.1#

71 69.3 24.1 36.1#



#19

n-Nitroso-di-n-propylamine

Concen: 18.335 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.15 min

Lab File: BP000886.D

Acq: 18 Oct 2019 19:26

Tgt Ion: 70 Resp: 94354

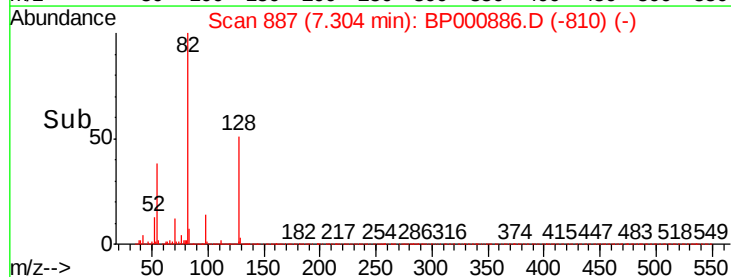
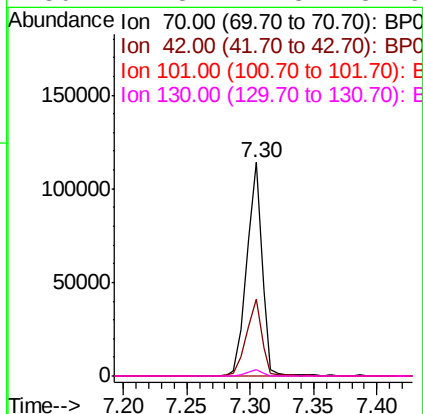
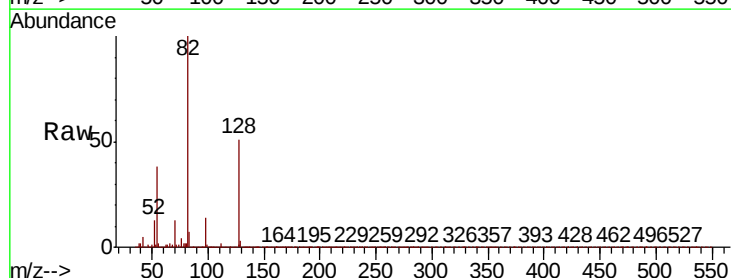
Ion Ratio Lower Upper

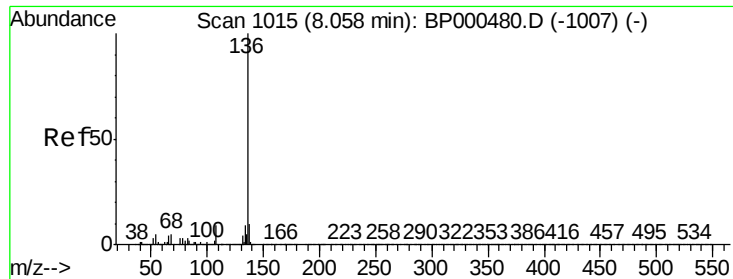
70 100

42 36.1 34.0 51.0

101 0.0 9.5 14.3#

130 2.8 21.3 31.9#

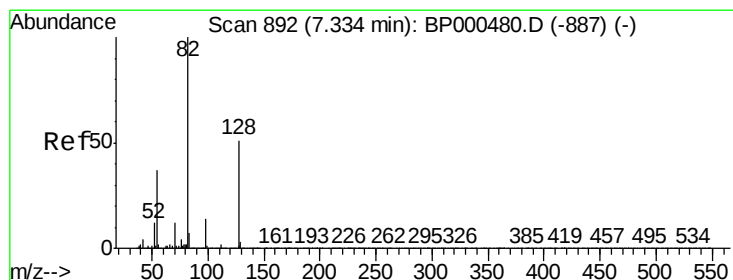
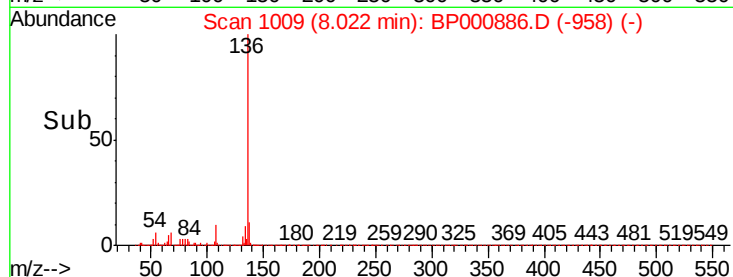
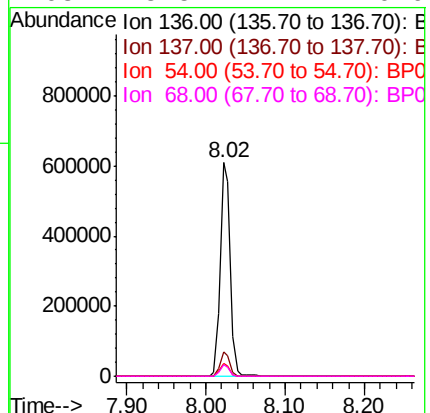
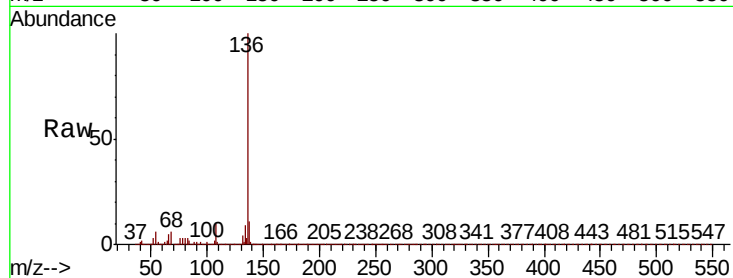




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BP000886.D
Acq: 18 Oct 2019 19:26

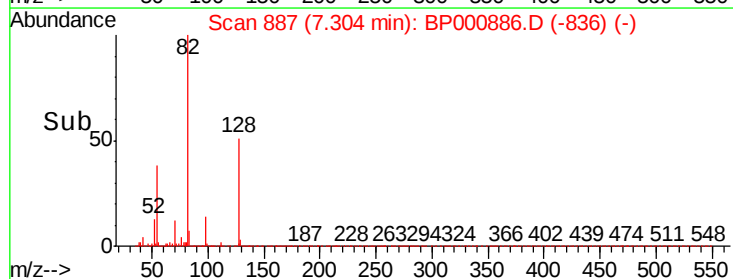
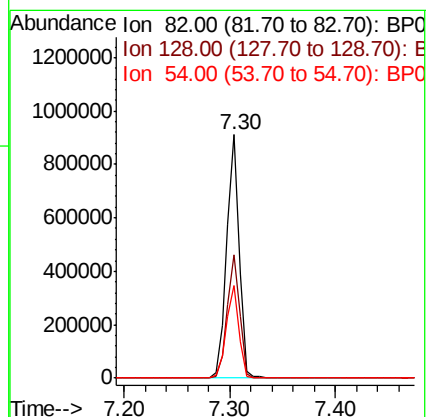
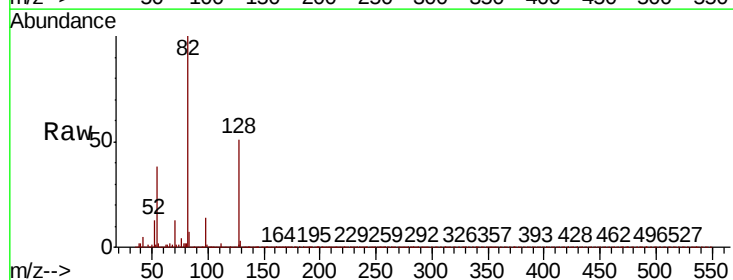
Instrument :
BNA_P
ClientSampleId :
20190858-AMENDED-COMP-ERE

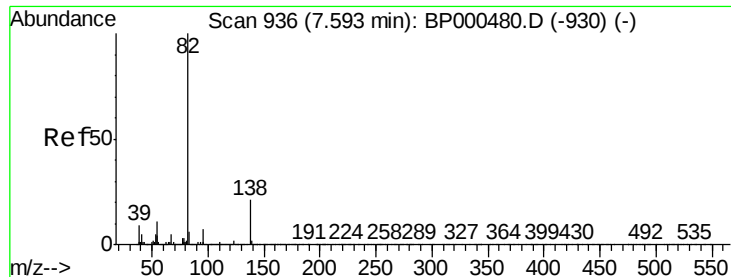
Tot Ion:136	Resp:	531373
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.9 13.3
54	6.0	4.6 6.8
68	5.5	4.4 6.6



#23
Nitrobenzene-d5
Concen: 87.035 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000886.D
Acq: 18 Oct 2019 19:26

Tgt Ion: 82	Resp:	757231
Ion	Ratio	Lower Upper
82	100	
128	50.7	41.2 61.8
54	38.3	30.6 45.8





#25

Isophorone

Concen: 48.991 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.26 min

Lab File: BP000886.D

Acq: 18 Oct 2019 19:26

Instrument :

BNA_P

ClientSampleId :

20190858-AMENDED-COMP-ERE

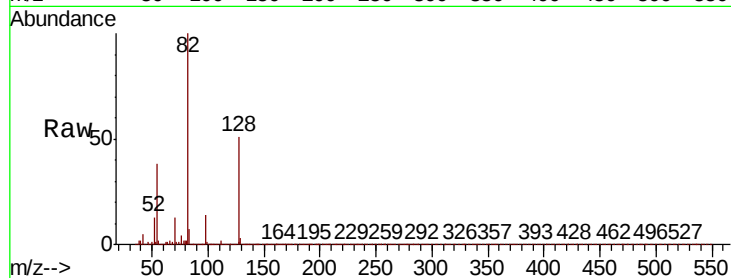
Tot Ion: 82 Resp: 756485

Ion Ratio Lower Upper

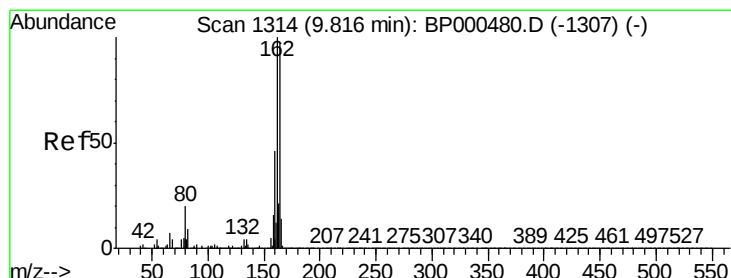
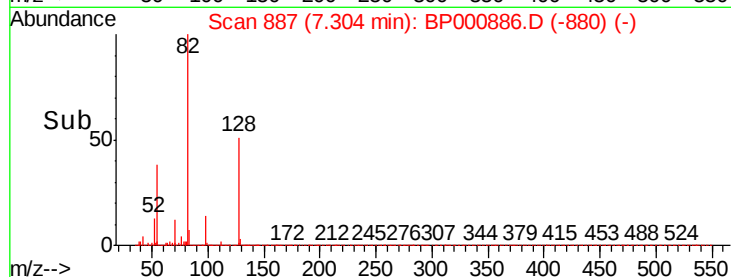
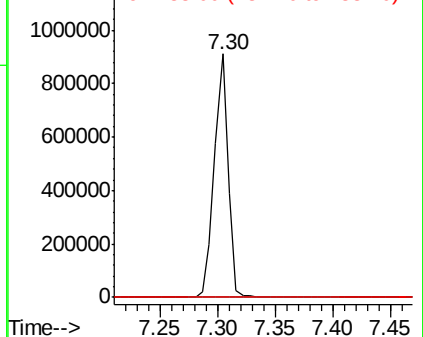
82 100

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: BP000886.D

Acq: 18 Oct 2019 19:26

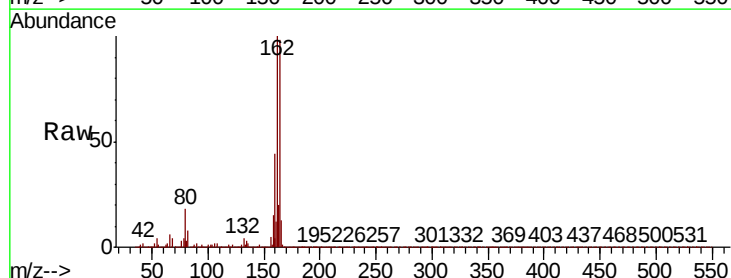
Tgt Ion:164 Resp: 293157

Ion Ratio Lower Upper

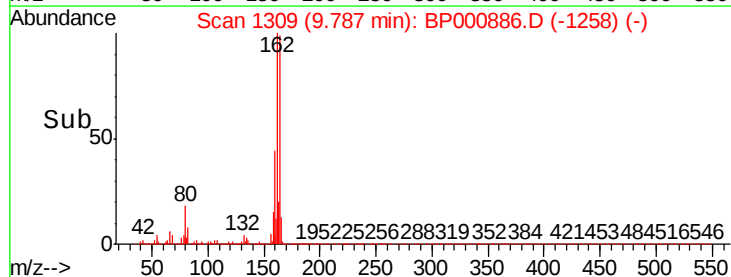
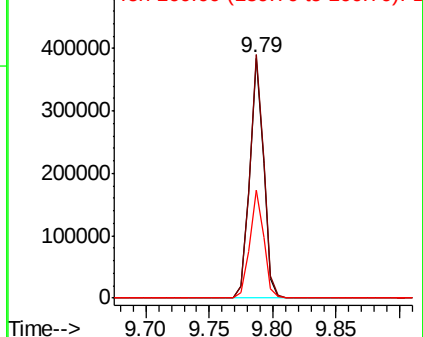
164 100

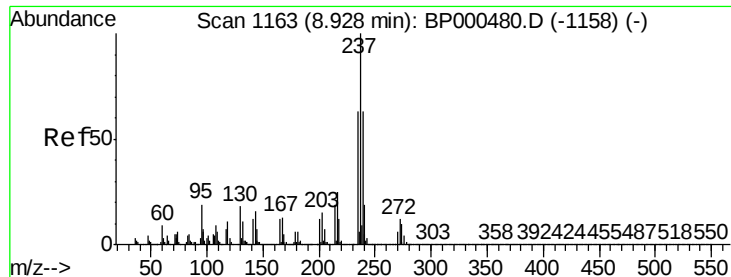
162 101.5 80.6 121.0

160 44.8 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: 7.300 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.04 min

Lab File: BP000886.D

Acq: 18 Oct 2019 19:26

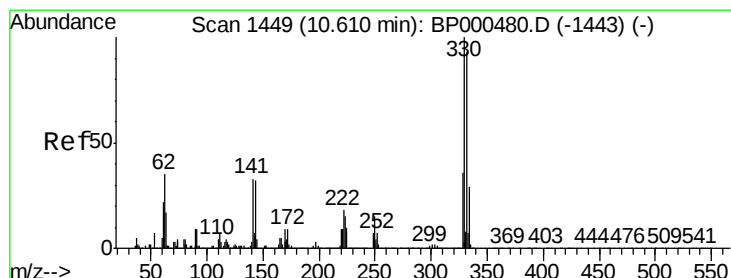
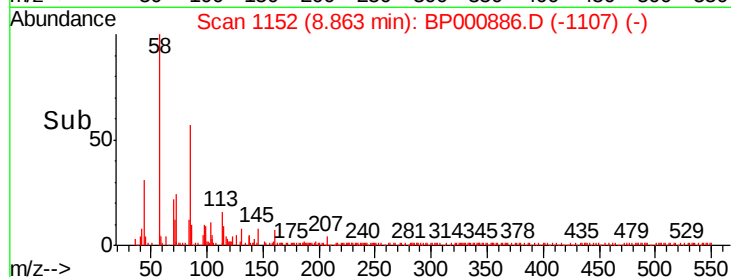
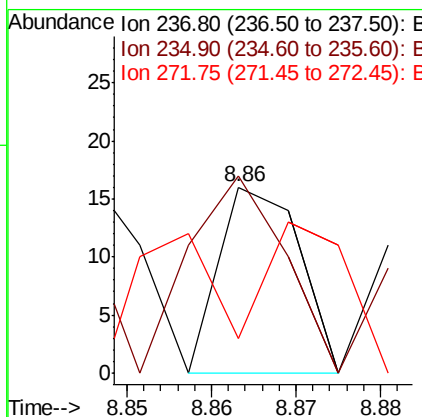
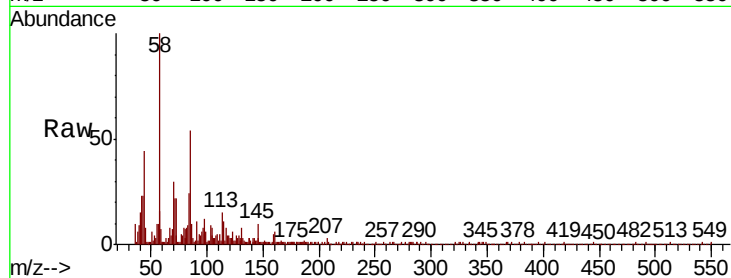
Instrument :

BNA_P

ClientSampleId :

20190858-AMENDED-COMP-ERE

Tot Ion:	237	Resp:	11
Ion	Ratio	Lower	Upper
237	100		
235	77.3	42.3	82.3
272	13.6	0.0	33.6



#42

2,4,6-Tribromophenol

Concen: 0.516 ng

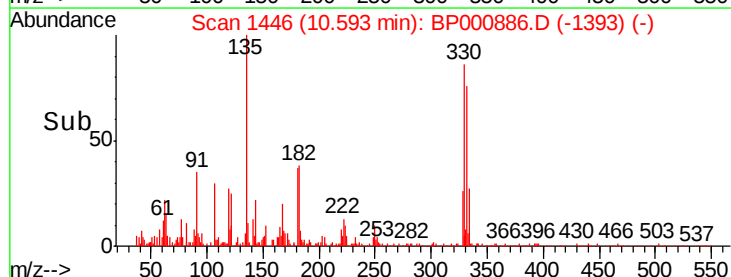
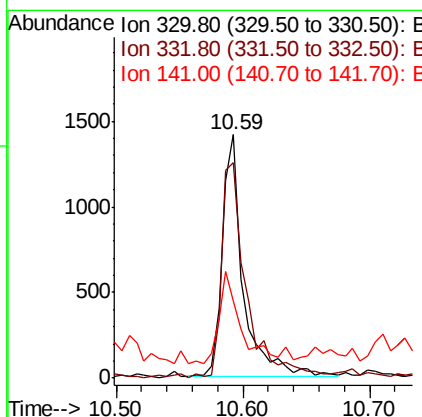
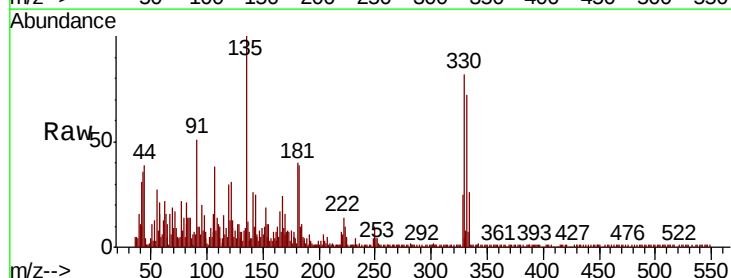
RT: 10.59 min Scan# 1446

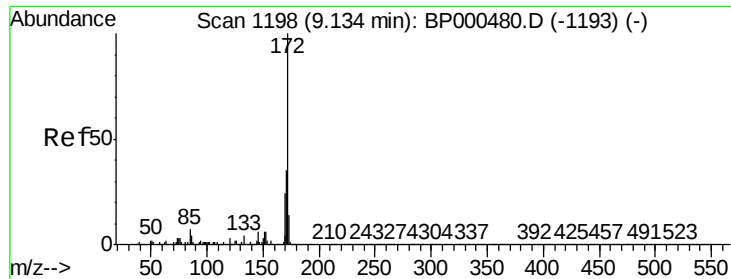
Delta R.T. 0.01 min

Lab File: BP000886.D

Acq: 18 Oct 2019 19:26

Tgt Ion:	330	Resp:	1613
Ion	Ratio	Lower	Upper
330	100		
332	106.8	78.2	117.4
141	38.7	23.7	35.5#

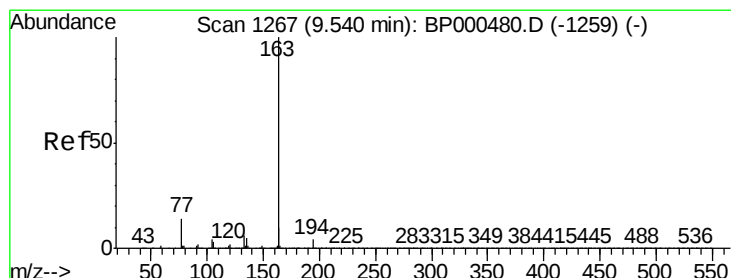
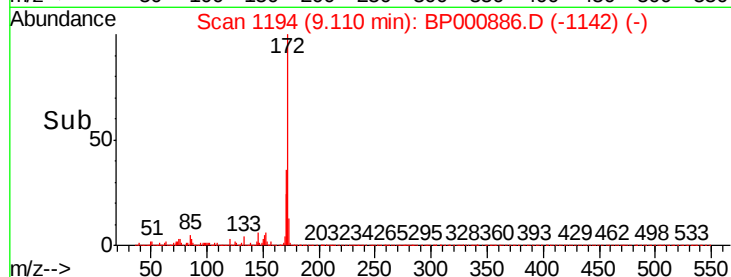
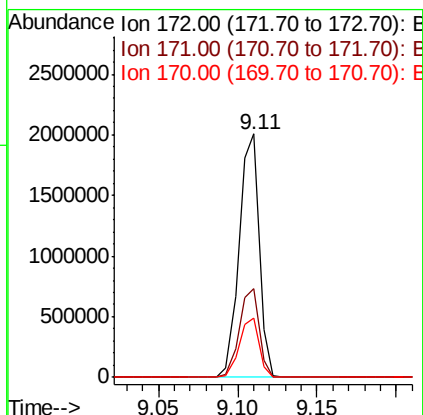
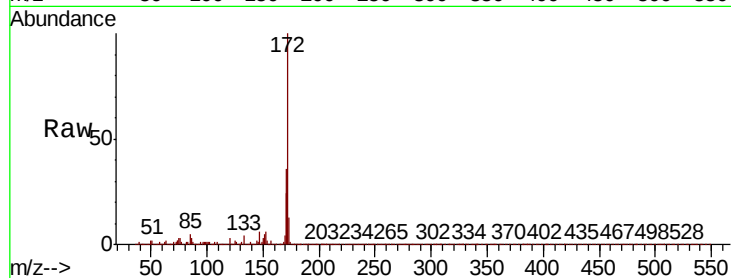




#45
2-Fluorobiphenyl
Concen: 97.371 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BP000886.D
Acq: 18 Oct 2019 19:26

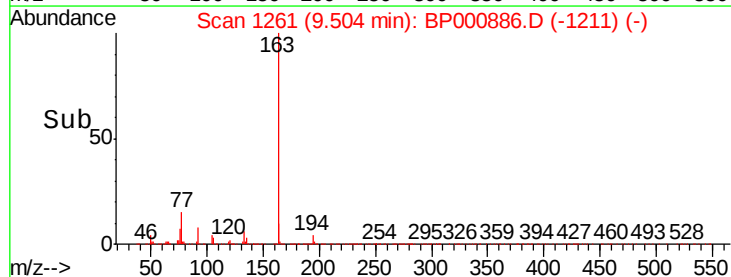
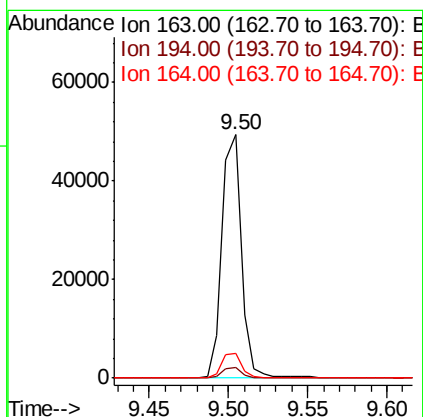
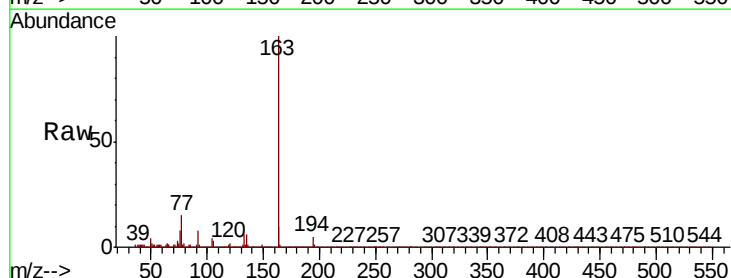
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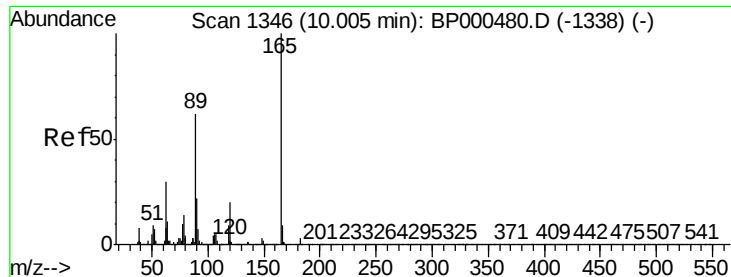
Tot Ion:172 Resp: 1764223
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.1 19.3 28.9



#50
Dimethylphthalate
Concen: 2.068 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BP000886.D
Acq: 18 Oct 2019 19:26

Tgt Ion:163 Resp: 42116
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 10.1 8.3 12.5

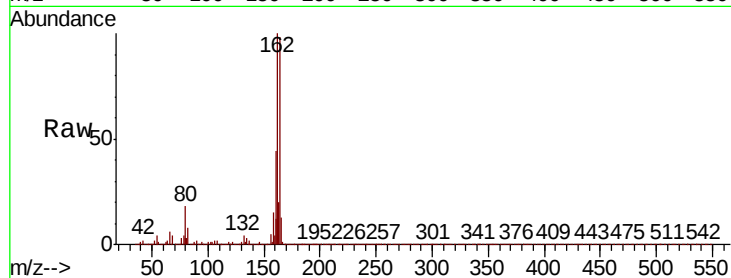




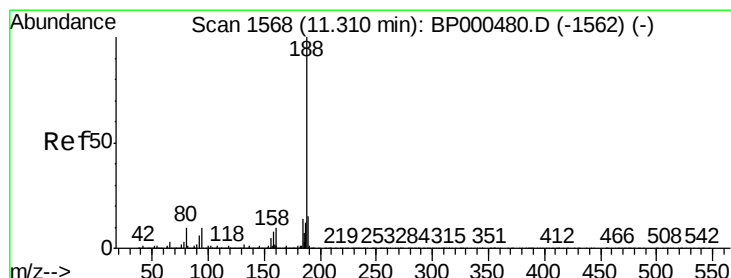
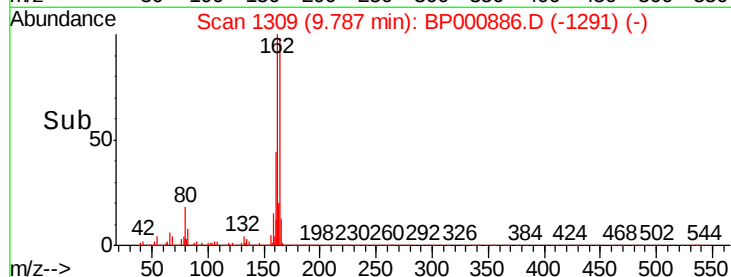
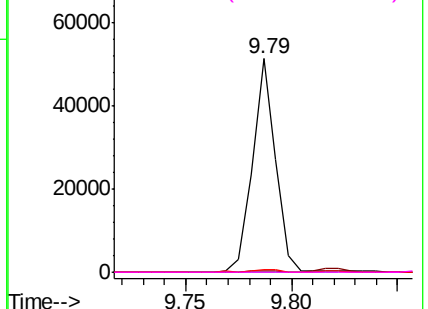
#57
2,4-Dinitrotoluene
Concen: 6.582 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.19 min
Lab File: BP000886.D
Acq: 18 Oct 2019 19:26

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

Tot Ion:165	Resp:	38769
Ion Ratio	Lower	Upper
165	100	
63	0.9	25.4 38.2#
89	1.4	49.2 73.8#
182	0.1	2.3 3.5#

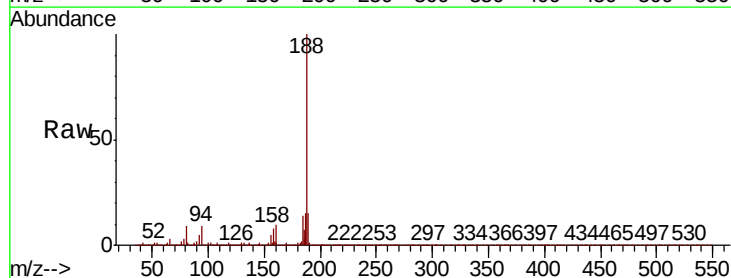


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

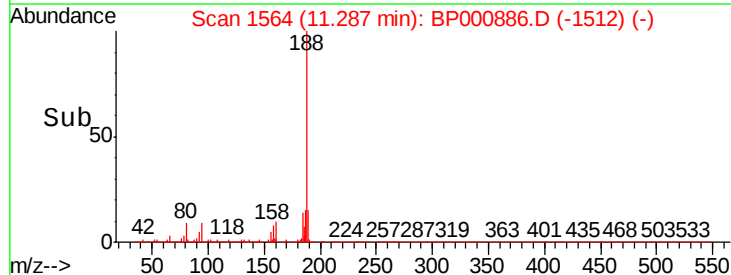
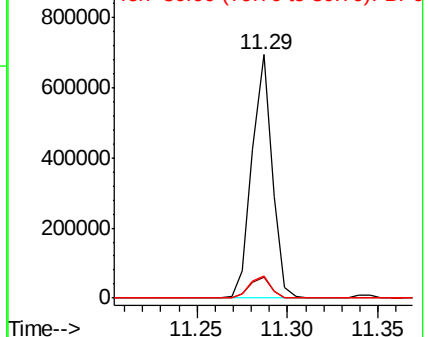


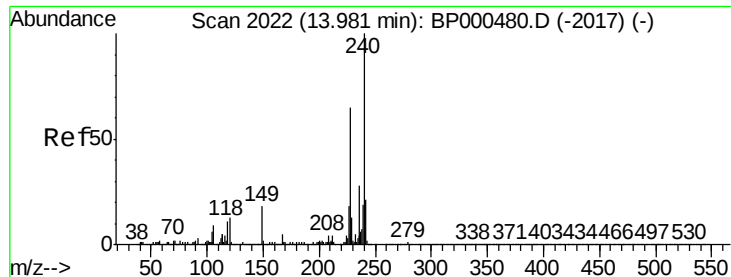
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BP000886.D
Acq: 18 Oct 2019 19:26

Tgt Ion:188	Resp:	540408
Ion Ratio	Lower	Upper
188	100	
94	8.7	8.0 12.0
80	8.9	8.2 12.4



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

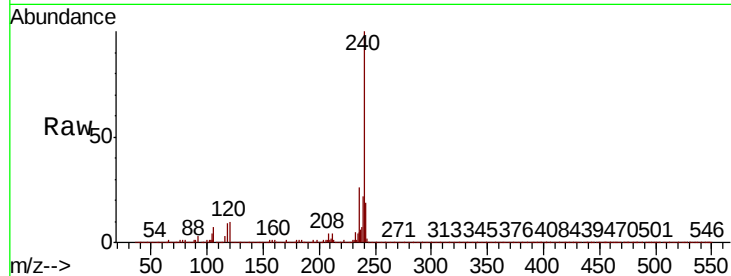




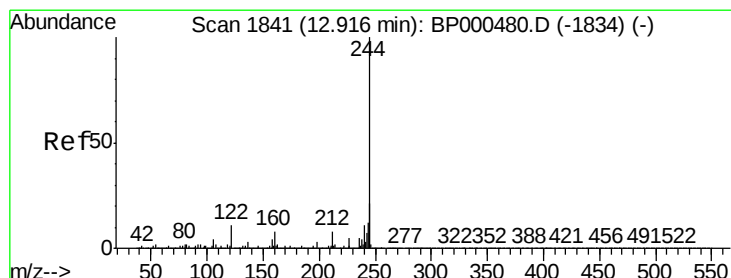
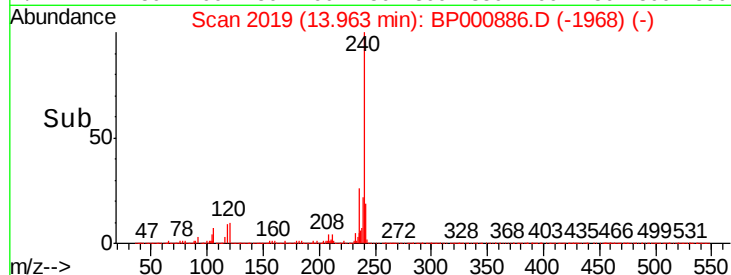
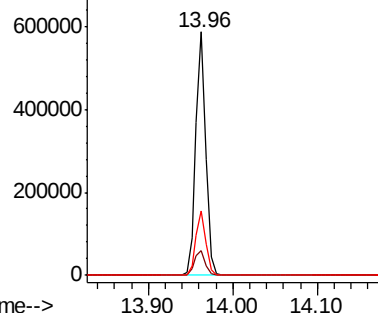
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BP000886.D
Acq: 18 Oct 2019 19:26

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

Tot Ion:240 Resp: 490816
Ion Ratio Lower Upper
240 100
120 10.3 7.3 10.9
236 26.2 21.2 31.8

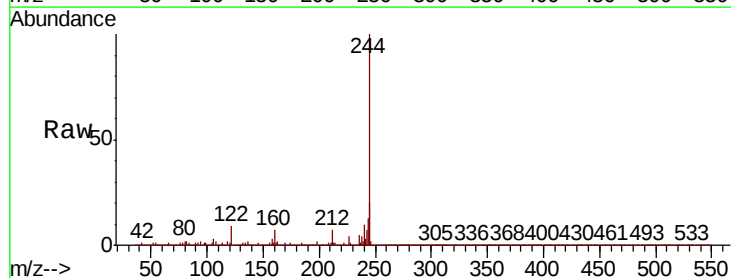


Abundance Ion 240.00 (239.70 to 240.70): E
800000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

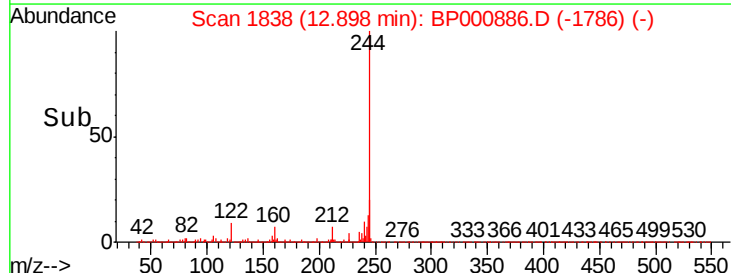
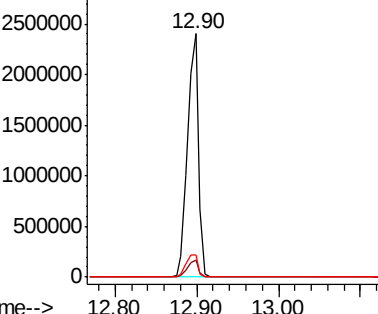


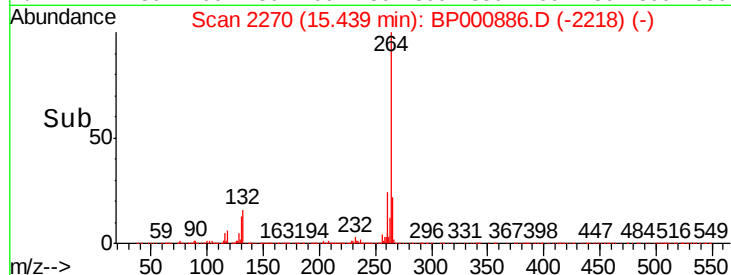
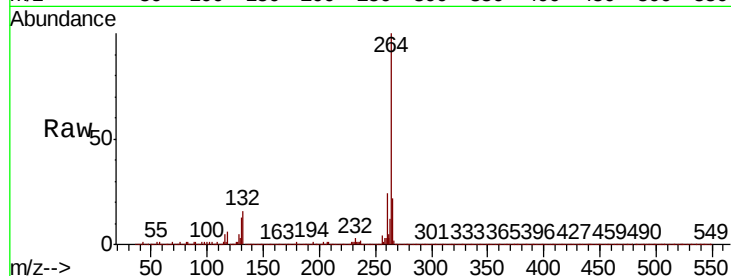
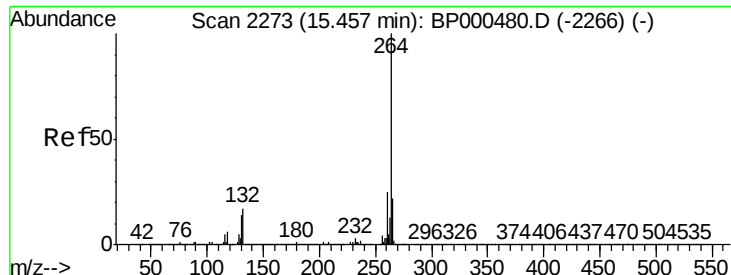
#79
Terphenyl-d14
Concen: 92.858 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.01 min
Lab File: BP000886.D
Acq: 18 Oct 2019 19:26

Tgt Ion:244 Resp: 2250989
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 9.3 7.1 10.7



Abundance Ion 244.00 (243.70 to 244.70): E
3000000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BP000886.D
Acq: 18 Oct 2019 19:26

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

Tot Ion:	264	Resp:	559345
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	22.4	17.4	26.0

