

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000887.D
 Acq On : 18 Oct 2019 19:51
 Operator : JU
 Sample : K5266-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AMENDED-COMPOSITE-ARE

Quant Time: Oct 19 02:19:25 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

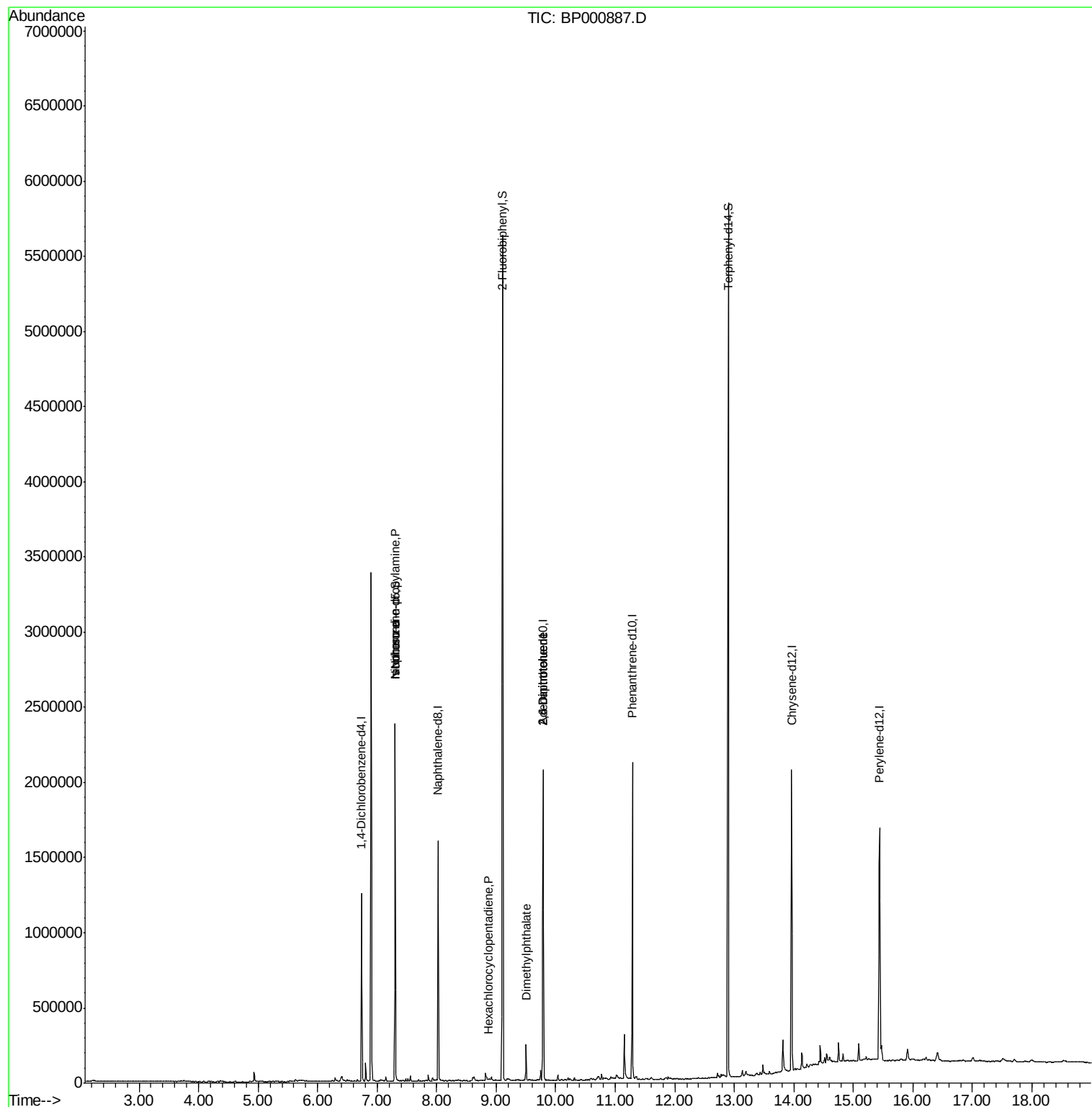
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	180302	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	673278	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	377883	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	693062	20.00	ng	0.00
76) Chrysene-d12	13.96	240	634491	20.00	ng	0.00
87) Perylene-d12	15.44	264	722904	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	622	0.06	ng	0.04
7) Phenol-d6	6.39	99	7523	0.56	ng	0.00
23) Nitrobenzene-d5	7.30	82	698450	63.36	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	2013	0.50	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1662852	71.20	ng	0.00
79) Terphenyl-d14	12.90	244	2205621	70.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	87672	14.072	ng	# 73
25) Isophorone	7.30	82	697271	35.639	ng	# 61
41) Hexachlorocyclopentadiene	8.87	237	17	7.300	ng	80
50) Dimethylphthalate	9.50	163	95829	3.650	ng	100
51) 2,6-Dinitrotoluene	9.79	165	49347	8.618	ng	# 31
57) 2,4-Dinitrotoluene	9.79	165	49535	6.525	ng	# 31

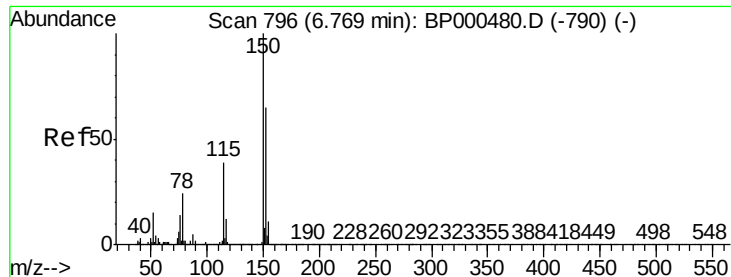
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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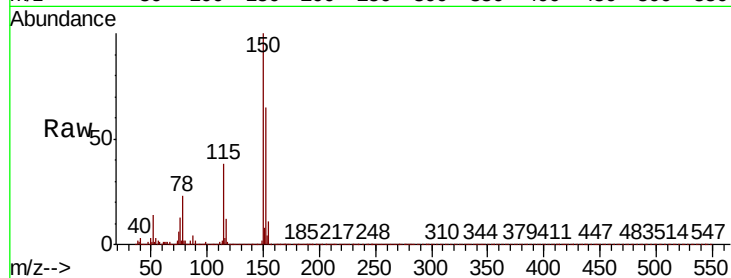


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BP000887.D
Acq: 18 Oct 2019 19:51

Instrument :
BNA_P
ClientSampleId :
AMENDED-COMPOSITE-ARE

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	123.8	185.8
115	59.0	46.8	70.2

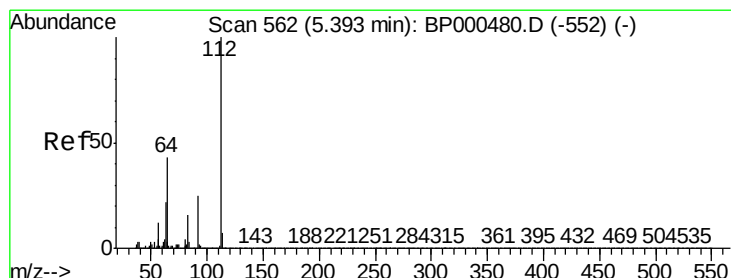
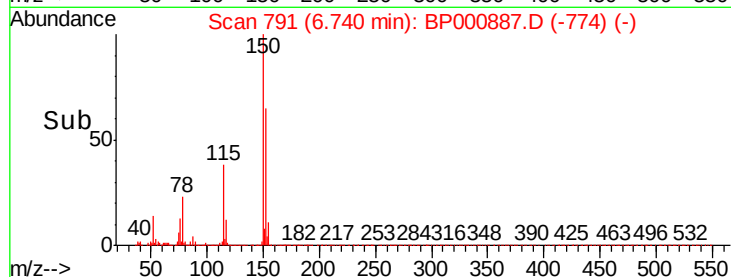
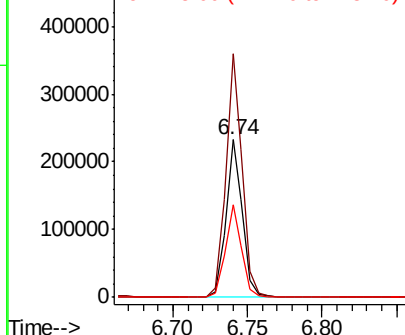


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

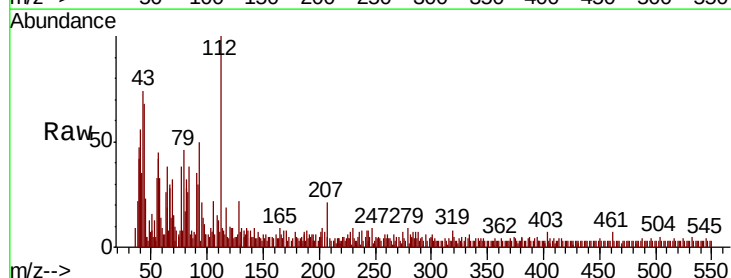
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 0.055 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.04 min
Lab File: BP000887.D
Acq: 18 Oct 2019 19:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	37.5	33.9	50.9
63	25.9	17.4	26.0

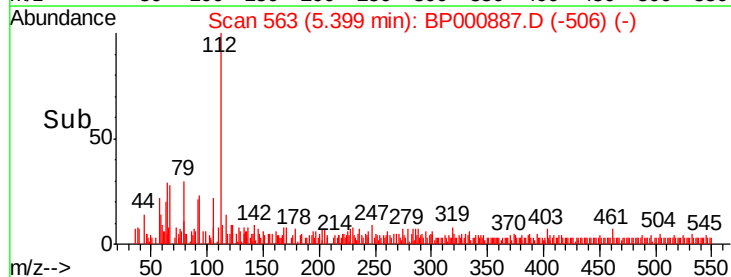
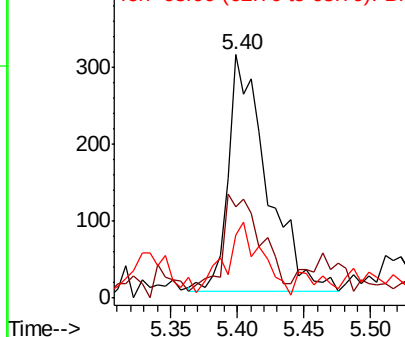


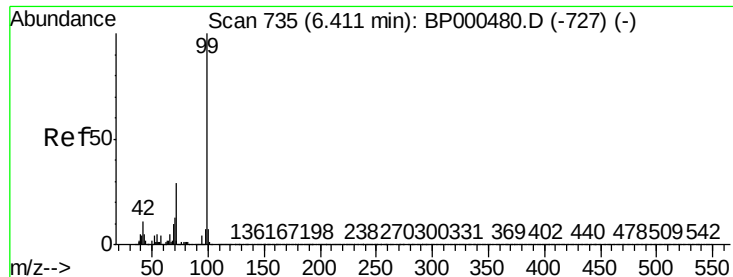
Abundance

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: 0.557 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BP000887.D

Acq: 18 Oct 2019 19:51

Instrument :

BNA_P

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AMENDED-COMPOSITE-ARE

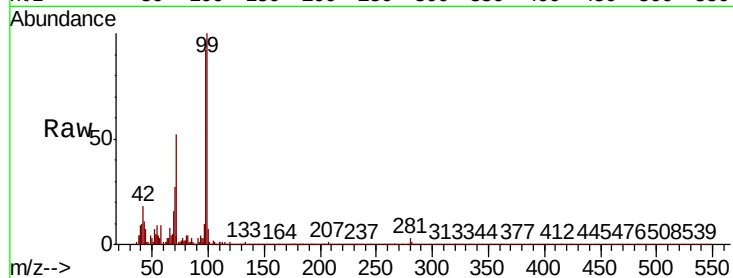
Tot Ion: 99 Resp: 7523

Ion Ratio Lower Upper

99 100

42 17.7 8.7 13.1#

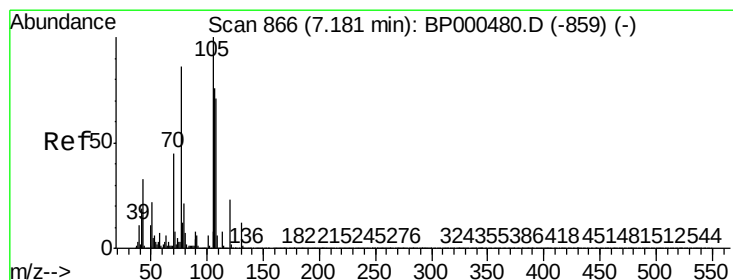
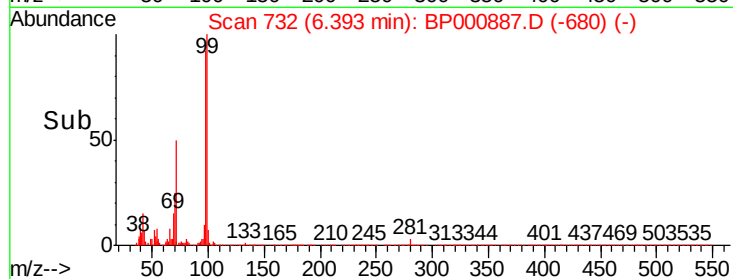
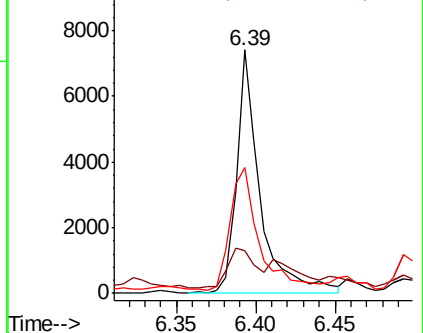
71 51.9 24.1 36.1#



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: 14.072 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.15 min

Lab File: BP000887.D

Acq: 18 Oct 2019 19:51

Tgt Ion: 70 Resp: 87672

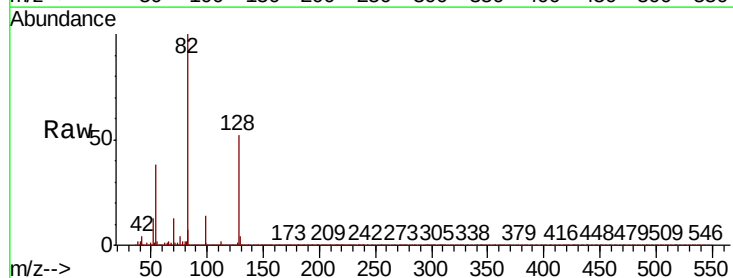
Ion Ratio Lower Upper

70 100

42 34.3 34.0 51.0

101 0.0 9.5 14.3#

130 2.5 21.3 31.9#

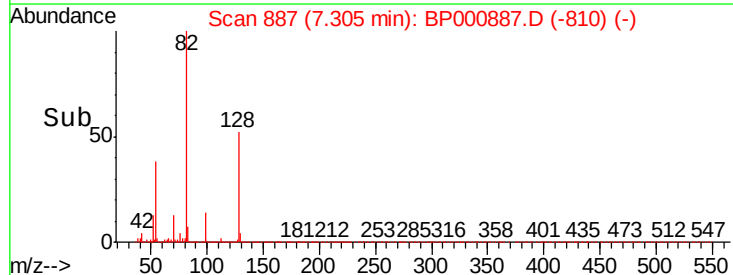
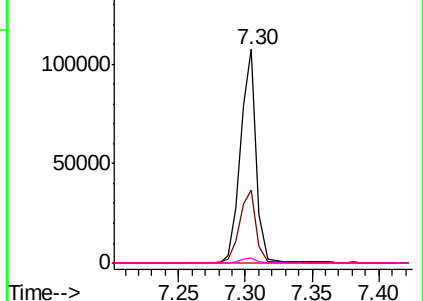


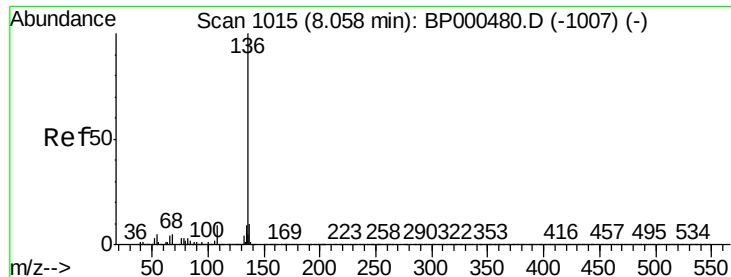
Abundance Ion 70.00 (69.70 to 70.70): BP0

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

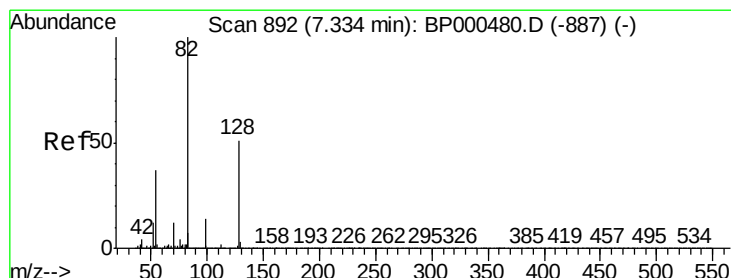
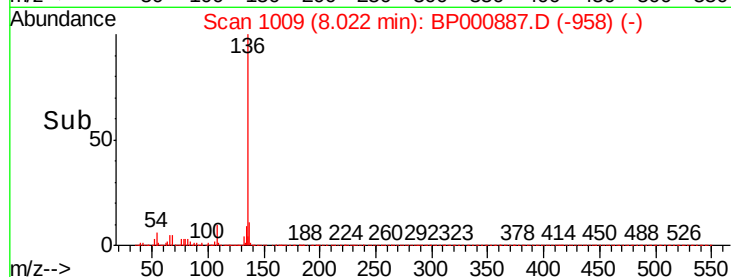
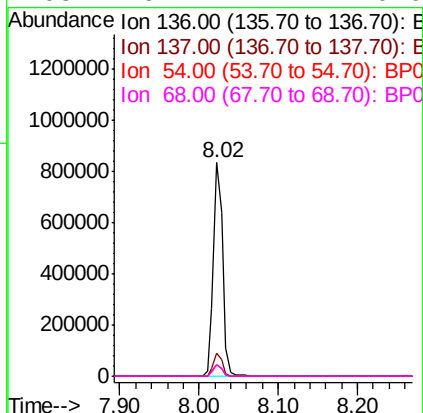
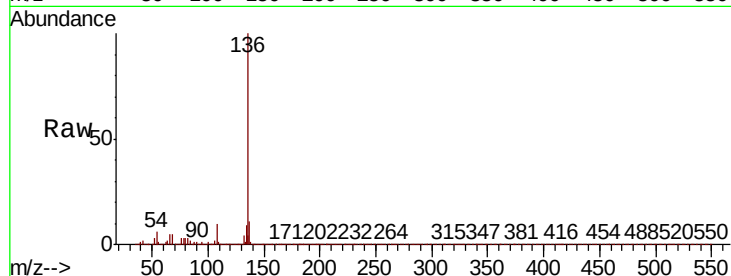




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BP000887.D
Acq: 18 Oct 2019 19:51

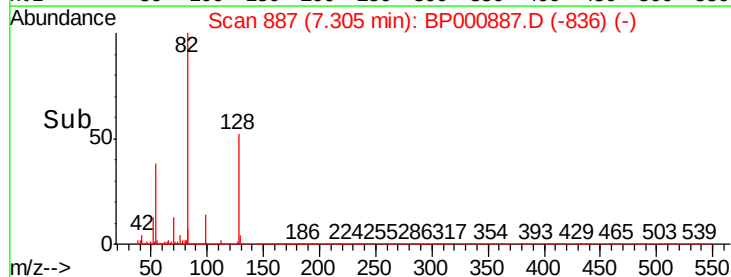
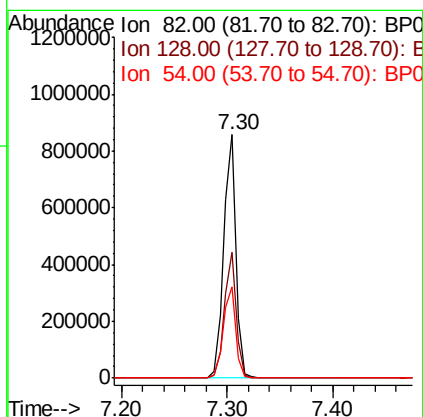
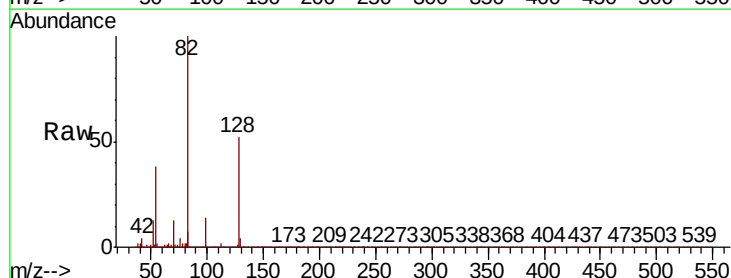
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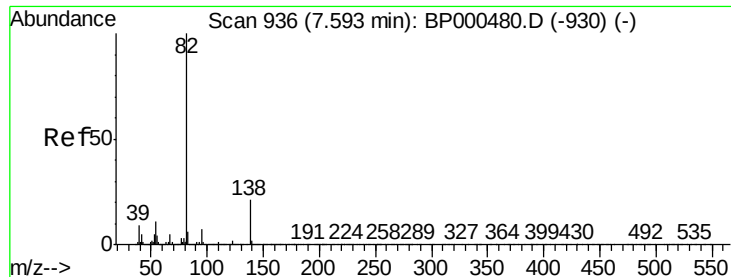
Tot Ion:136	Resp: 673278
Ion Ratio	Lower Upper
136 100	
137 11.1	8.9 13.3
54 5.7	4.6 6.8
68 5.4	4.4 6.6



#23
Nitrobenzene-d5
Concen: 63.359 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BP000887.D
Acq: 18 Oct 2019 19:51

Tgt	Ion: 82	Resp:	698450
Ion	Ratio	Lower	Upper
82	100		
128	51.6	41.2	61.8
54	37.7	30.6	45.8





#25

Isophorone

Concen: 35.639 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.26 min

Lab File: BP000887.D

Acq: 18 Oct 2019 19:51

Instrument :

BNA_P

ClientSampleId :

AMENDED-COMPOSITE-ARE

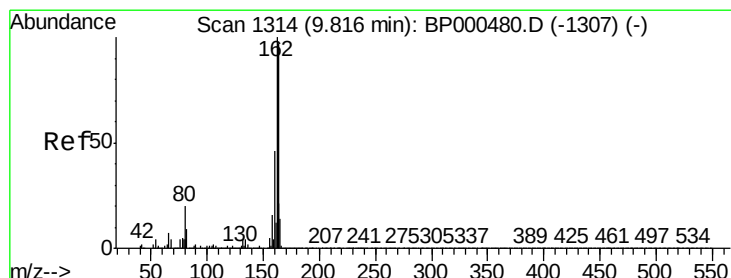
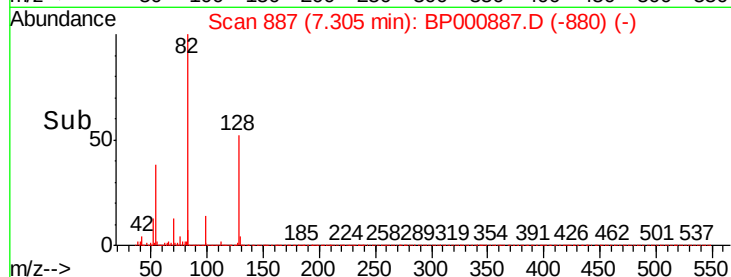
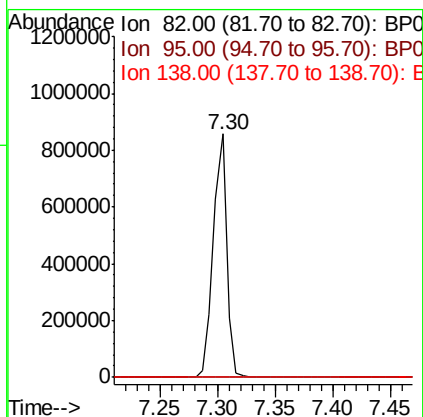
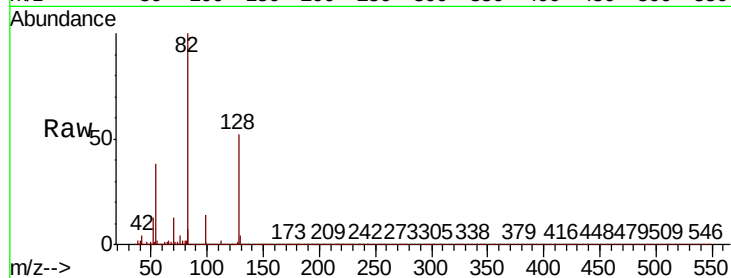
Tot Ion: 82 Resp: 697271

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.4#

138 0.0 17.0 25.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BP000887.D

Acq: 18 Oct 2019 19:51

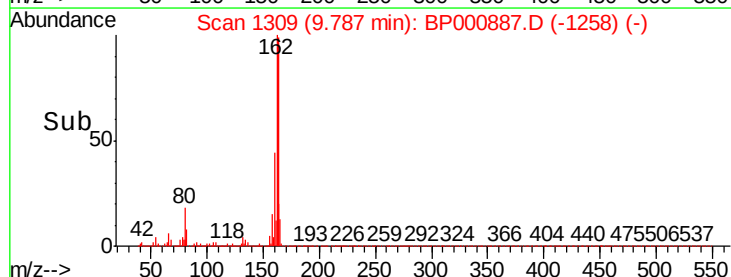
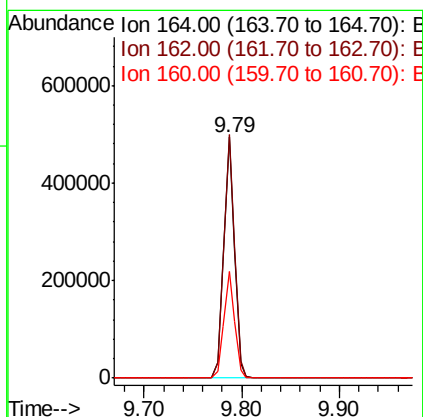
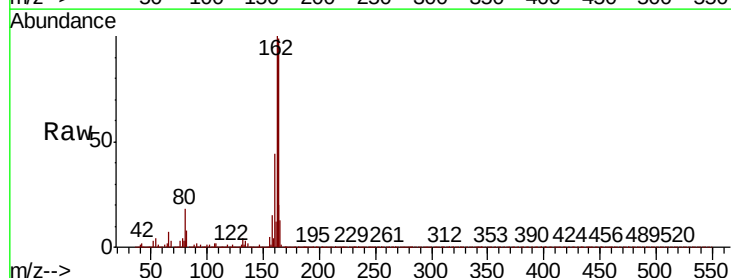
Tgt Ion: 164 Resp: 377883

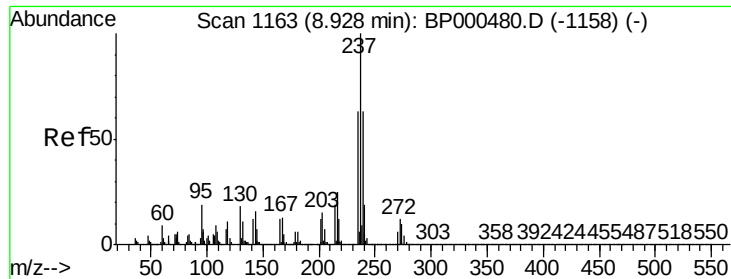
Ion Ratio Lower Upper

164 100

162 101.0 80.6 121.0

160 44.4 35.4 53.2

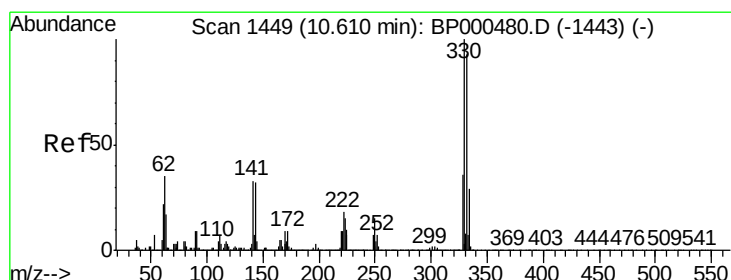
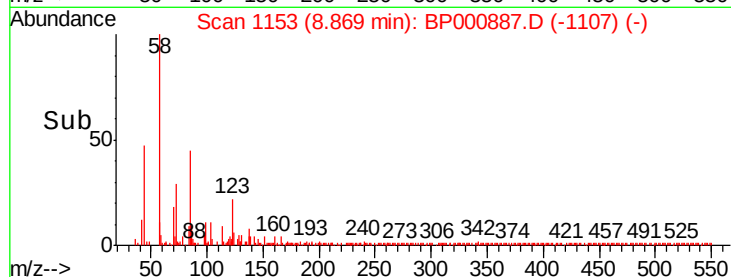
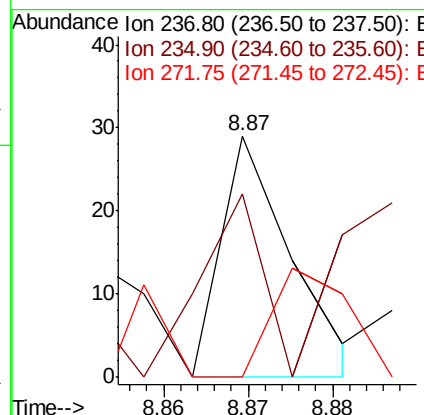
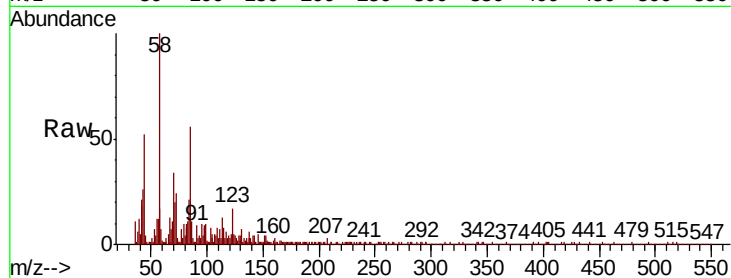




#41
Hexachlorocyclopentadiene
Concen: 7.300 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.03 min
Lab File: BP000887.D
Acq: 18 Oct 2019 19:51

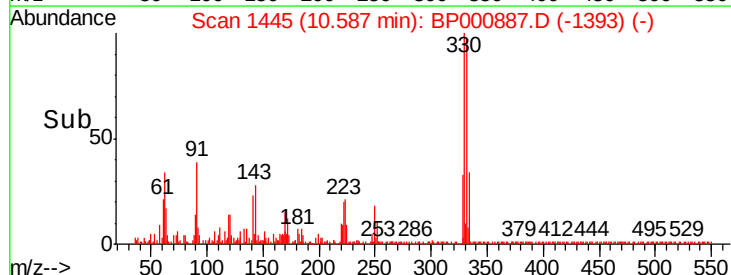
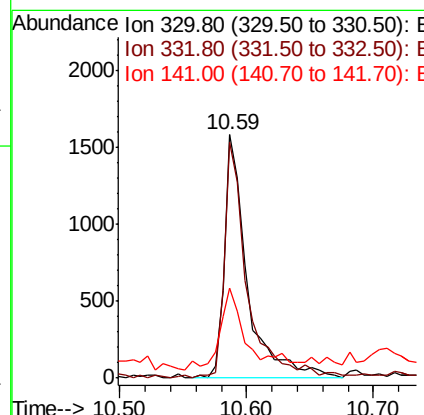
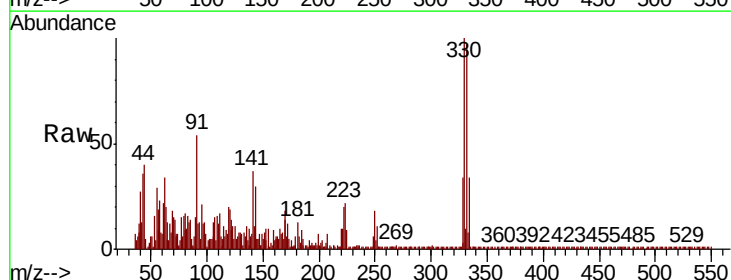
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AMENDED-COMPOSITE-ARE

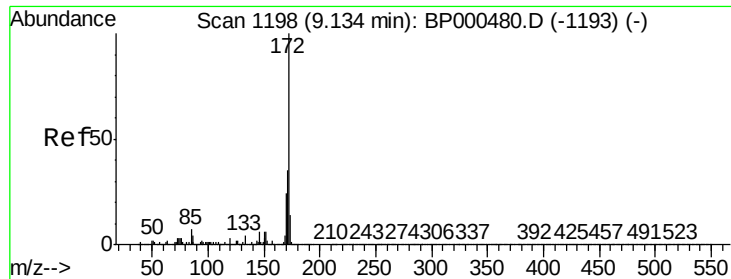
Tot Ion:	237	Resp:	17
Ion	Ratio	Lower	Upper
237	100		
235	75.9	42.3	82.3
272	0.0	0.0	33.6



#42
2,4,6-Tribromophenol
Concen: 0.500 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BP000887.D
Acq: 18 Oct 2019 19:51

Tgt Ion:	330	Resp:	2013
Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.2	117.4
141	36.5	23.7	35.5#





#45

2-Fluorobiphenyl

Concen: 71.199 ng

RT: 9.10 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BP000887.D

Acq: 18 Oct 2019 19:51

Instrument :

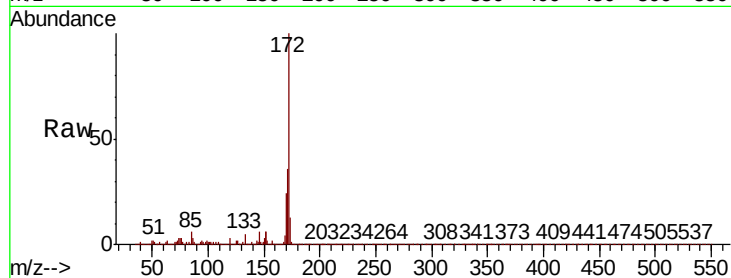
BNA_P

ClientSampleId :

AMENDED-COMPOSITE-ARE

Tot Ion:172 Resp: 1662852

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	23.9	19.3	28.9

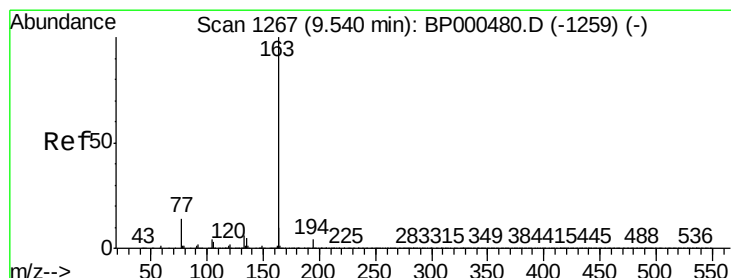
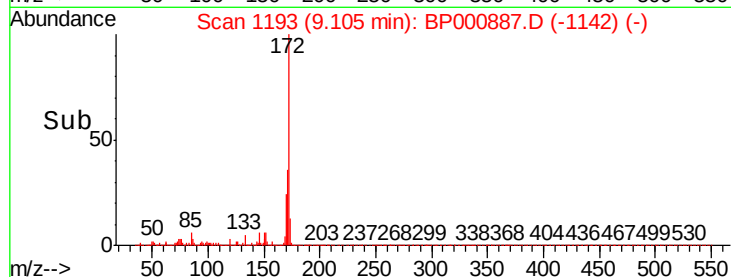
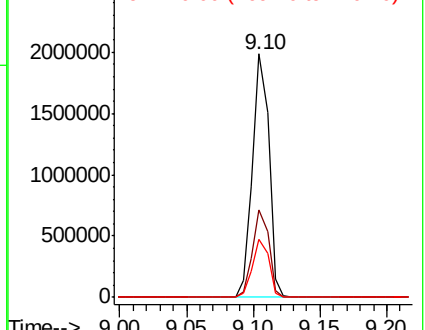


Abundance

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: 3.650 ng

RT: 9.50 min Scan# 1260

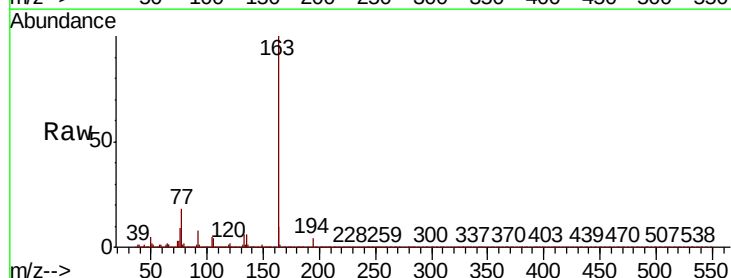
Delta R.T. -0.01 min

Lab File: BP000887.D

Acq: 18 Oct 2019 19:51

Tgt Ion:163 Resp: 95829

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.4	8.3	12.5

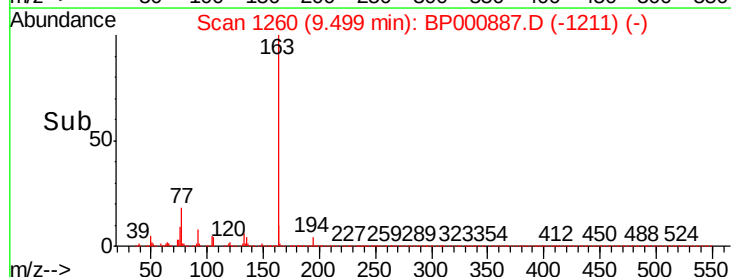
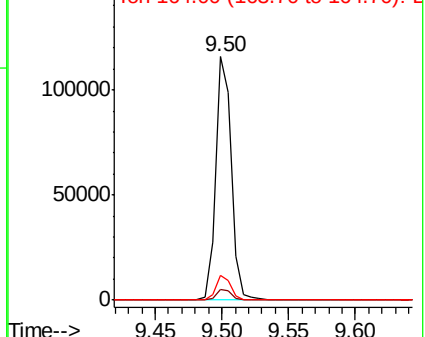


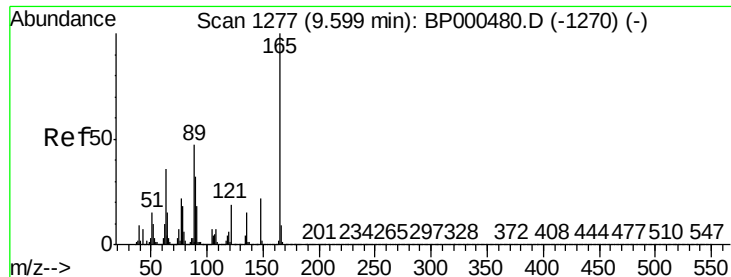
Abundance

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

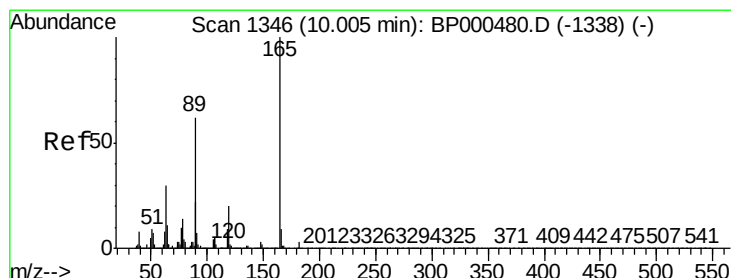
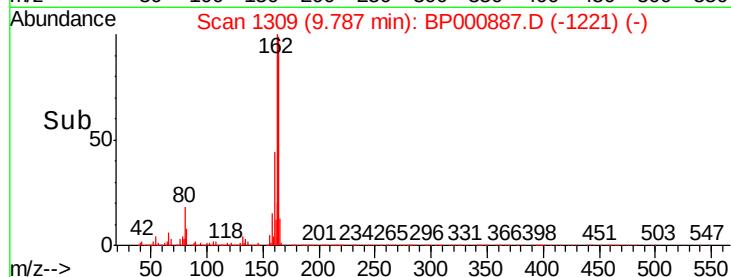
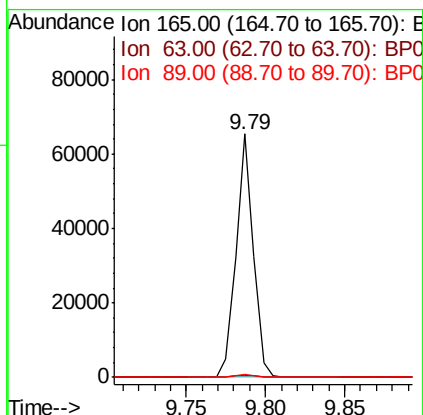
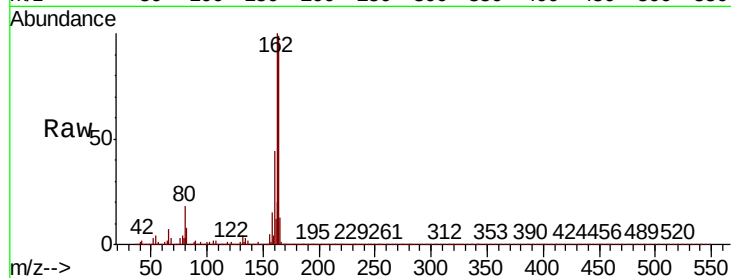




#51
2,6-Dinitrotoluene
Concen: 8.618 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.22 min
Lab File: BP000887.D
Acq: 18 Oct 2019 19:51

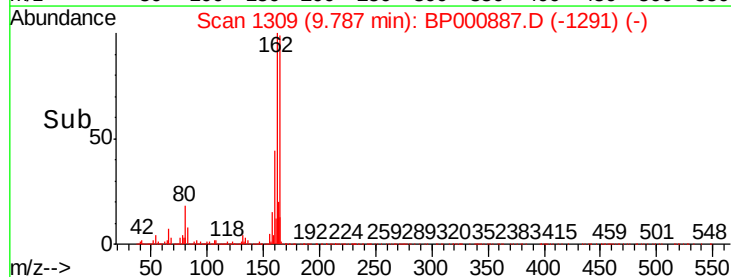
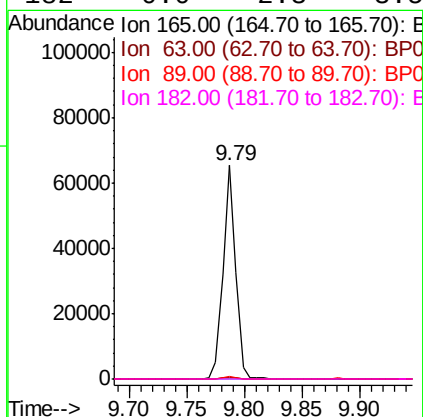
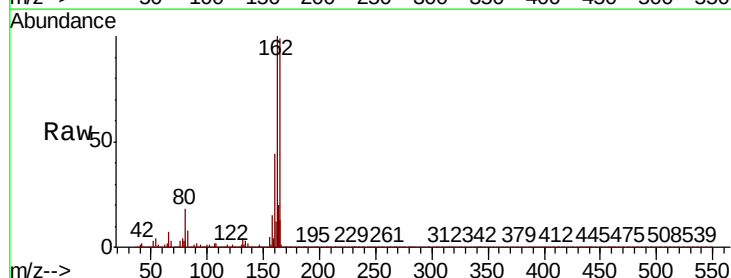
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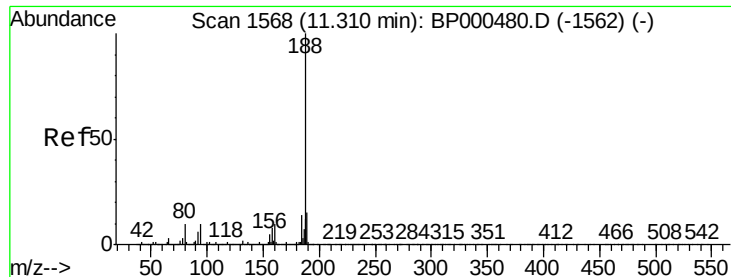
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	33.6	50.4#
89	1.2	40.8	61.2#



#57
2,4-Dinitrotoluene
Concen: 6.525 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.19 min
Lab File: BP000887.D
Acq: 18 Oct 2019 19:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	25.4	38.2#
89	1.2	49.2	73.8#
182	0.0	2.3	3.5#

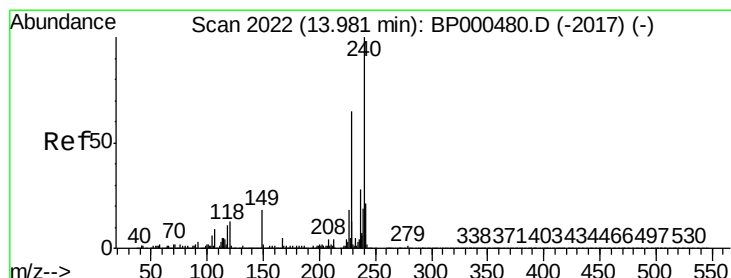
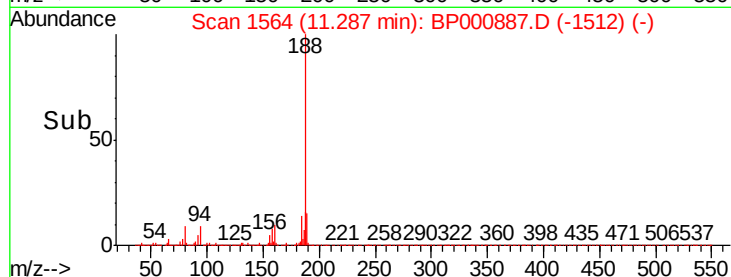
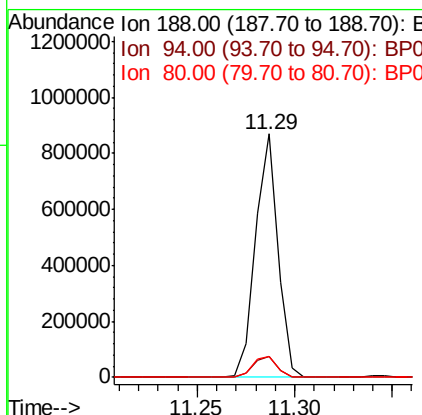
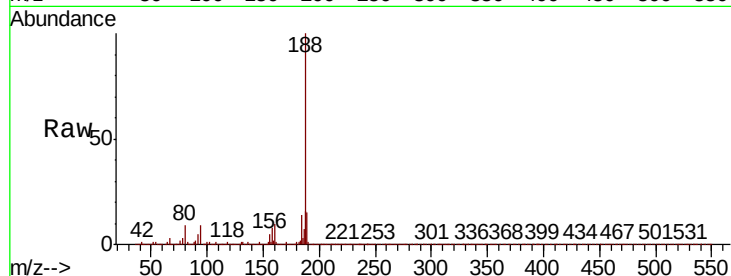




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BP000887.D
Acq: 18 Oct 2019 19:51

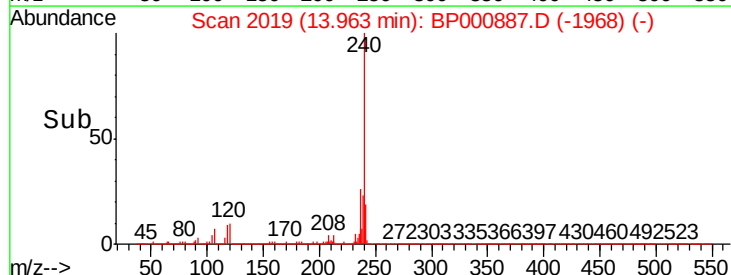
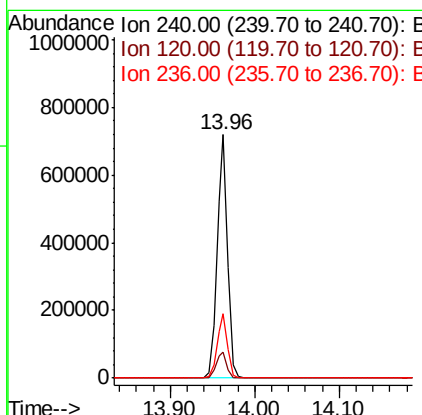
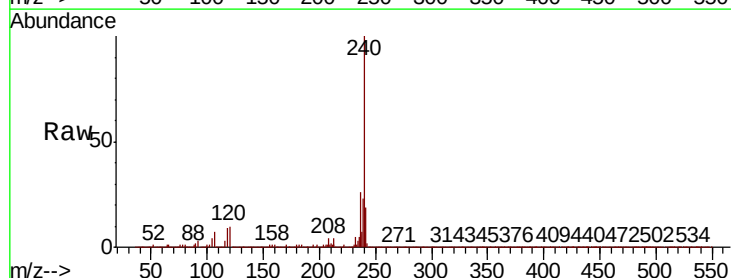
Instrument :
BNA_P
ClientSampleId :
AMENDED-COMPOSITE-ARE

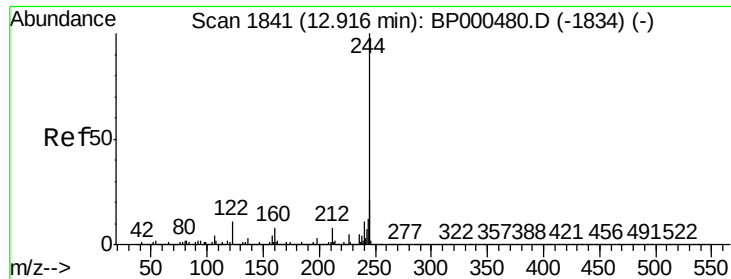
Tot Ion:188 Resp: 693062
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 8.8 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BP000887.D
Acq: 18 Oct 2019 19:51

Tgt Ion:240 Resp: 634491
Ion Ratio Lower Upper
240 100
120 10.4 7.3 10.9
236 26.5 21.2 31.8

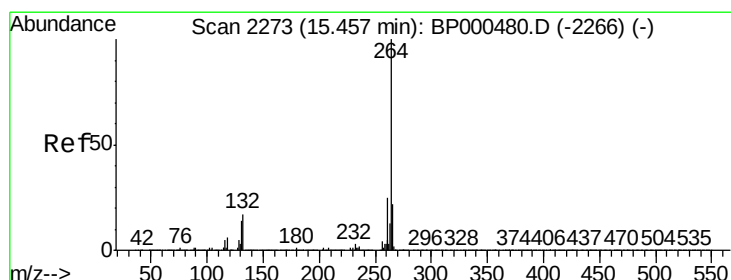
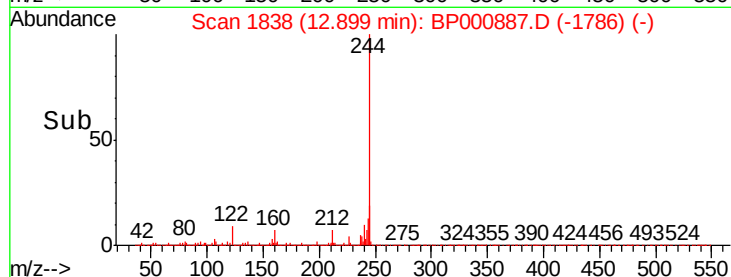
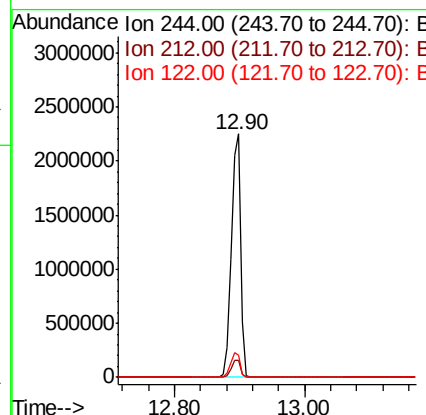
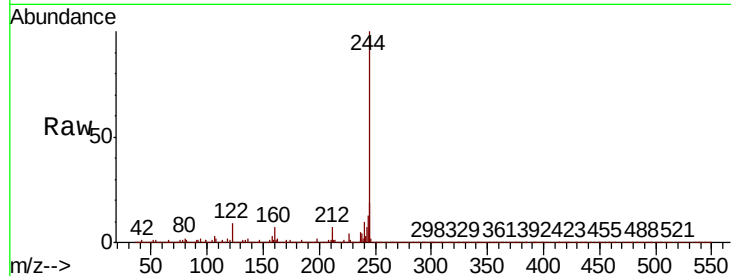




#79
 Terphenyl-d14
 Concen: 70.384 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.01 min
 Lab File: BP000887.D
 Acq: 18 Oct 2019 19:51

Instrument :
 BNA_P
 ClientSampleId :
 AMENDED-COMPOSITE-ARE

Tot Ion:244 Resp: 2205621
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 8.9 7.1 10.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. 0.01 min
 Lab File: BP000887.D
 Acq: 18 Oct 2019 19:51

Tgt Ion:264 Resp: 722904
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 21.9 17.4 26.0

