

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000868.D
 Acq On : 18 Oct 2019 04:41
 Operator : JU
 Sample : K5392-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T-17-F1-(0-30)

Quant Time: Oct 18 07:50:44 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

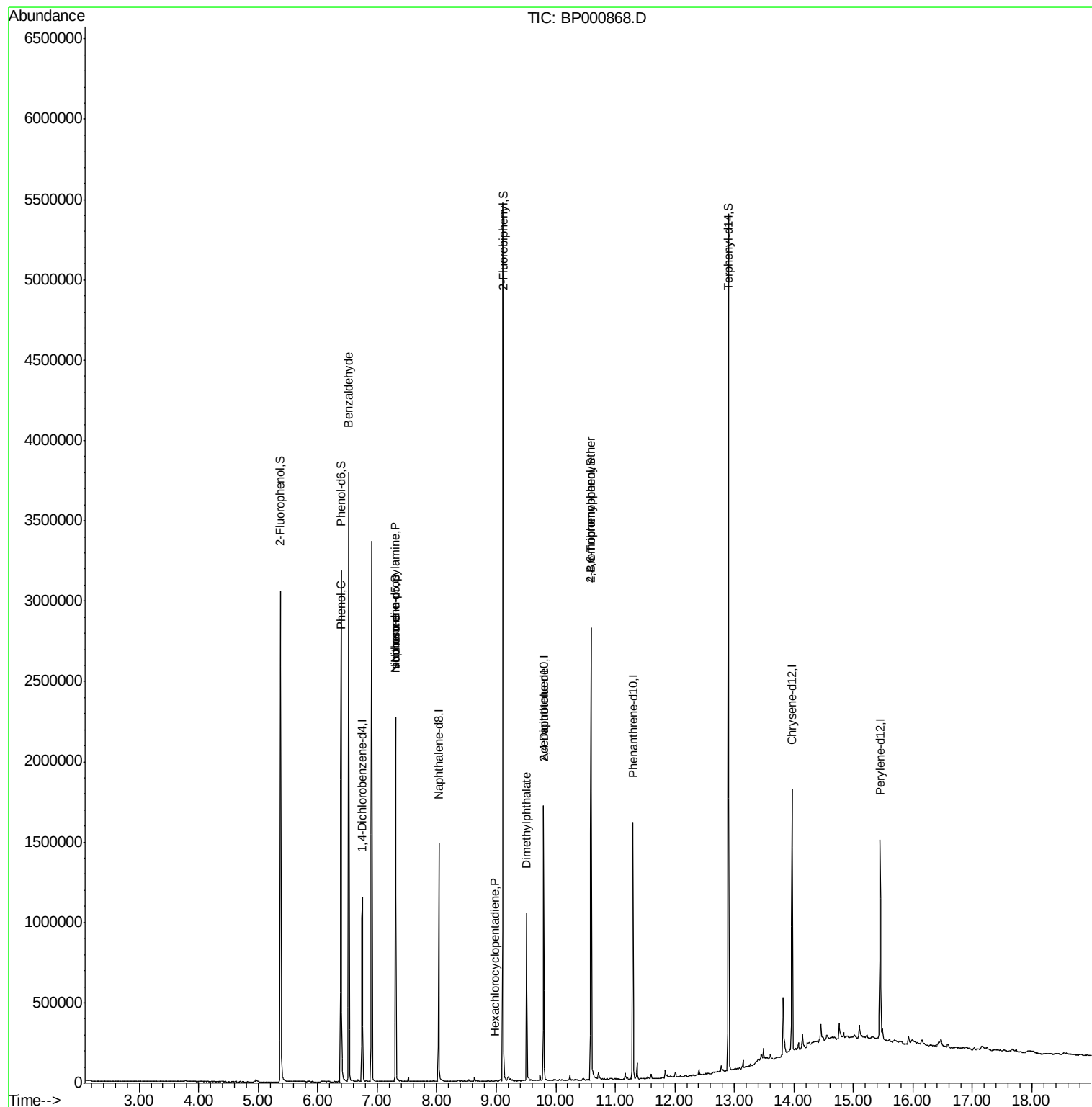
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	184567	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	643427	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	340874	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	611476	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	531089	20.00	ng	-0.01
87) Perylene-d12	15.45	264	575921	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1027295	89.47	ng	-0.02
7) Phenol-d6	6.39	99	1287468	93.05	ng	-0.02
23) Nitrobenzene-d5	7.31	82	692863	65.77	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	371132	102.17	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1573960	74.71	ng	-0.02
79) Terphenyl-d14	12.90	244	1815116	69.20	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.52	77	21914	3.041	ng	84
10) Phenol	6.40	94	34546	2.439	ng	95
19) n-Nitroso-di-n-propylamine	7.31	70	86937	13.631	ng	# 74
25) Isophorone	7.31	82	692384	37.031	ng	# 61
41) Hexachlorocyclopentadiene	8.97	237	21	7.301	ng	83
50) Dimethylphthalate	9.51	163	404091	17.061	ng	99
57) 2,4-Dinitrotoluene	9.80	165	44981	6.568	ng	# 31
67) 4-Bromophenyl-phenylether	10.59	248	24981	3.629	ng	# 1

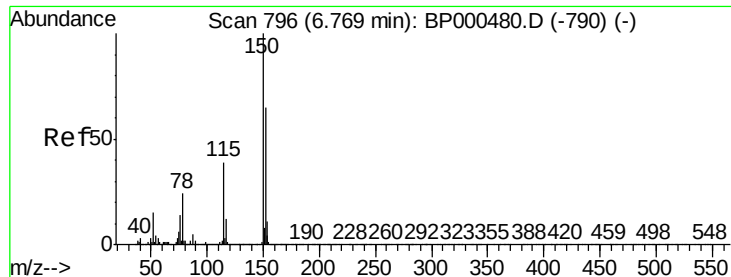
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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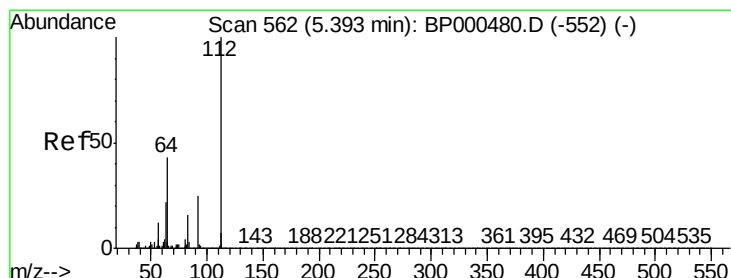
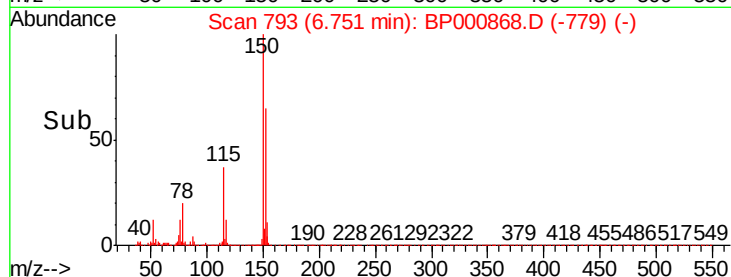
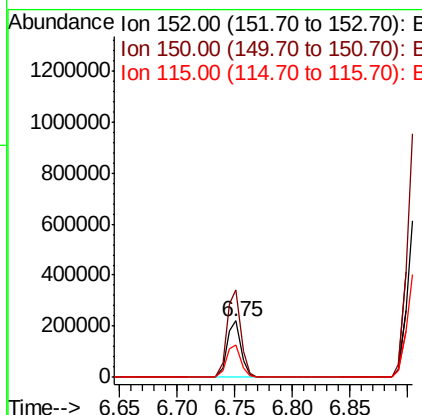
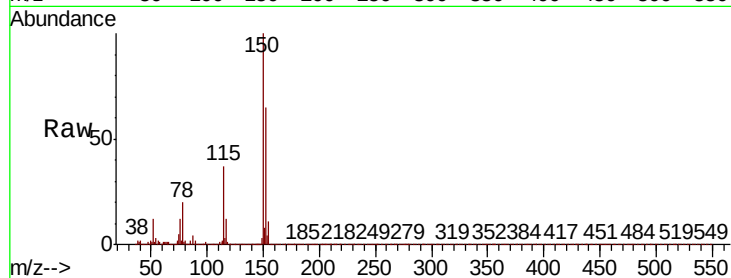


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000868.D
Acq: 18 Oct 2019 04:41

Instrument :
BNA_P
ClientSampleId :
T-17-F1-(0-30)

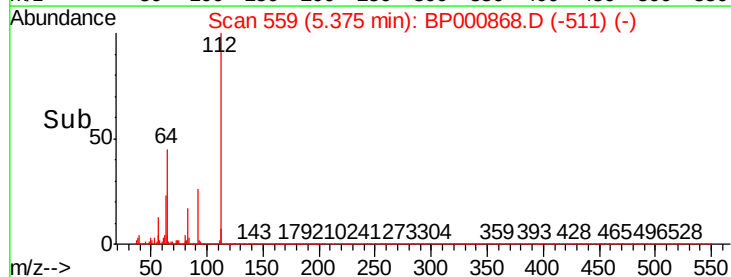
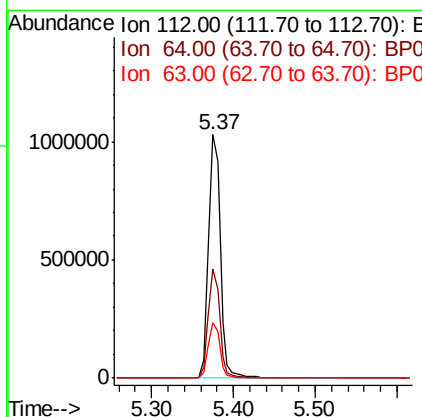
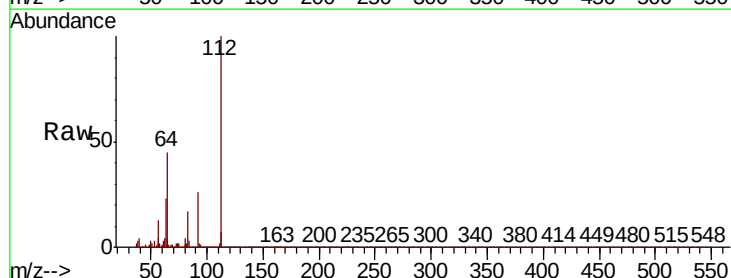
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.1	186.1
115	56.2	48.7	73.1

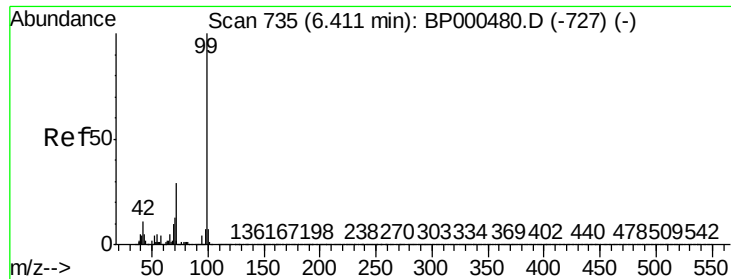


#5

2-Fluorophenol
Concen: 89.470 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000868.D
Acq: 18 Oct 2019 04:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.7	34.2	51.4
63	23.0	17.9	26.9





#7

Phenol-d6

Concen: 93.050 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000868.D

Acq: 18 Oct 2019 04:41

Instrument :

BNA_P

ClientSampleId :

T-17-F1-(0-30)

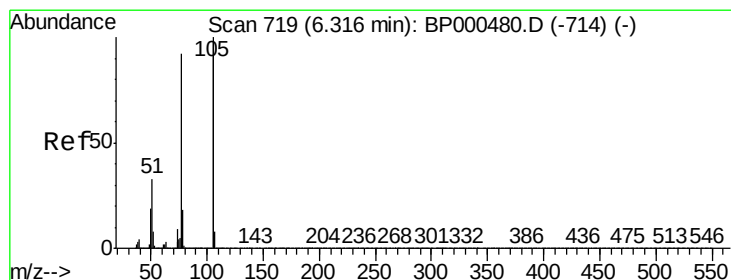
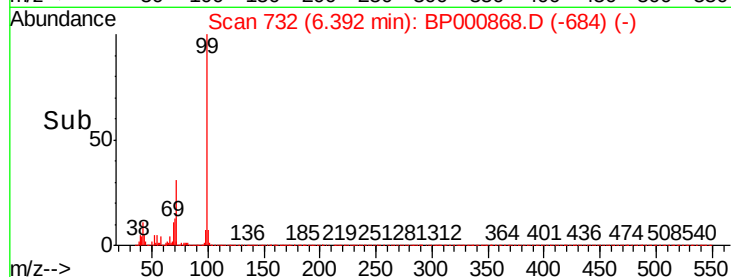
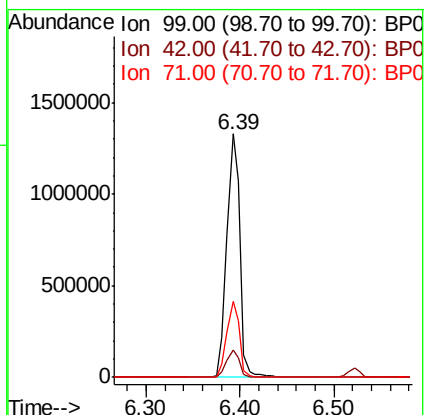
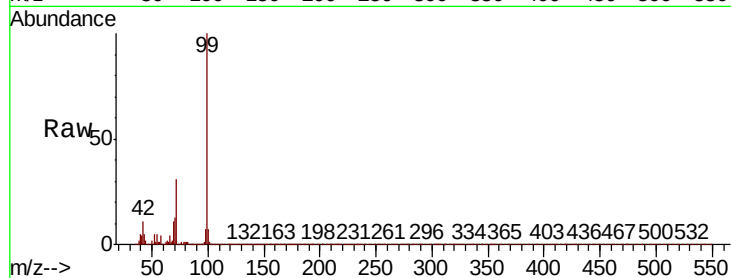
Tot Ion: 99 Resp: 1287468

Ion Ratio Lower Upper

99 100

42 11.4 8.6 12.8

71 31.1 23.0 34.4



#9

Benzaldehyde

Concen: 3.041 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.21 min

Lab File: BP000868.D

Acq: 18 Oct 2019 04:41

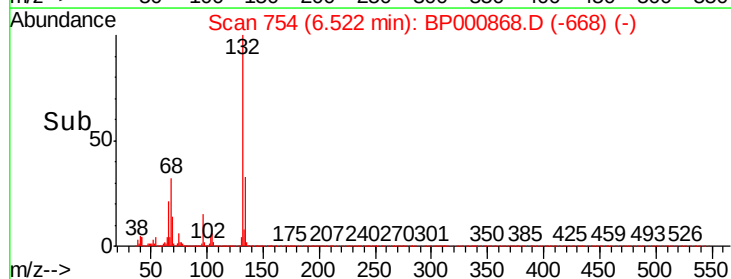
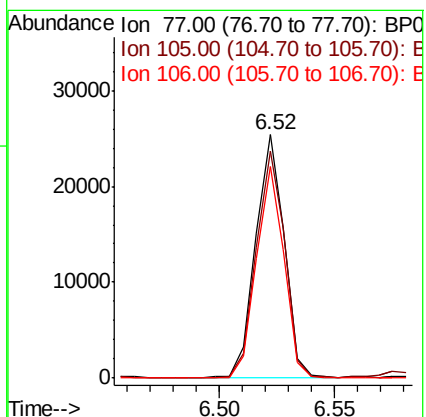
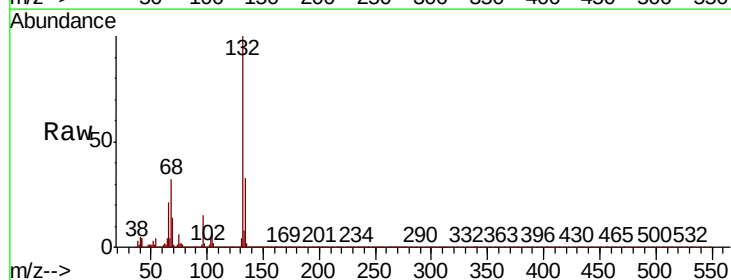
Tgt Ion: 77 Resp: 21914

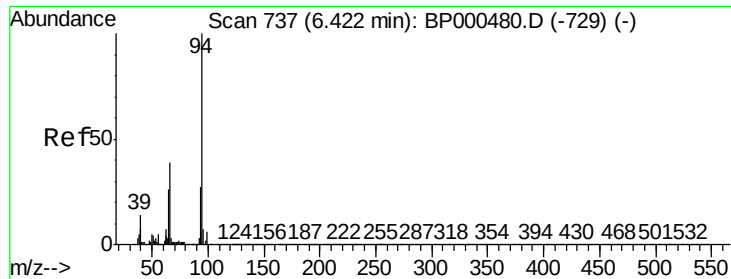
Ion Ratio Lower Upper

77 100

105 93.5 88.3 128.3

106 87.0 85.7 125.7





#10

Phenol

Concen: 2.439 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.02 min

Lab File: BP000868.D

Acq: 18 Oct 2019 04:41

Instrument :

BNA_P

ClientSampleId :

T-17-F1-(0-30)

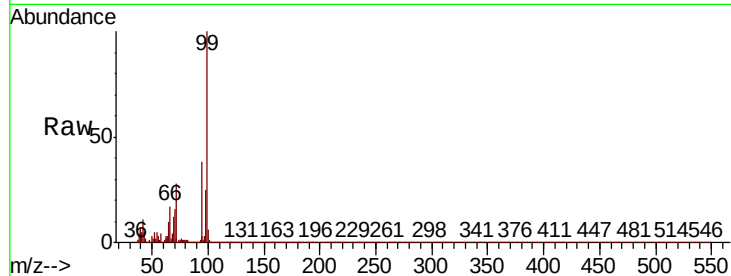
Tot Ion: 94 Resp: 34546

Ion Ratio Lower Upper

94 100

65 26.2 5.9 45.9

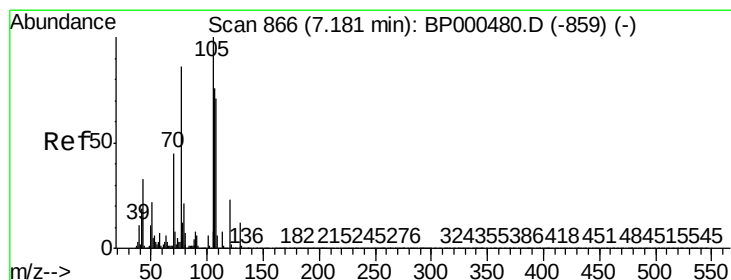
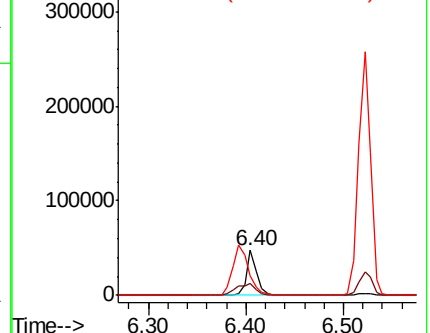
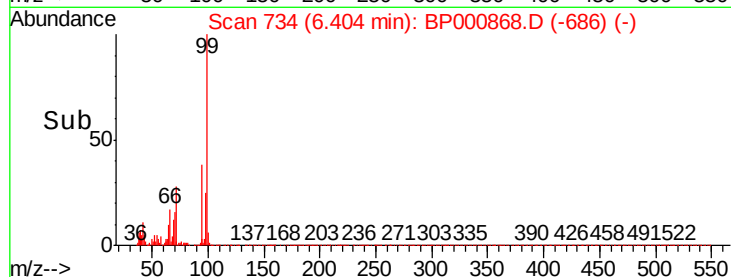
66 43.4 18.8 58.8



Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



#19

n-Nitroso-di-n-propylamine

Concen: 13.631 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.13 min

Lab File: BP000868.D

Acq: 18 Oct 2019 04:41

Tgt Ion: 70 Resp: 86937

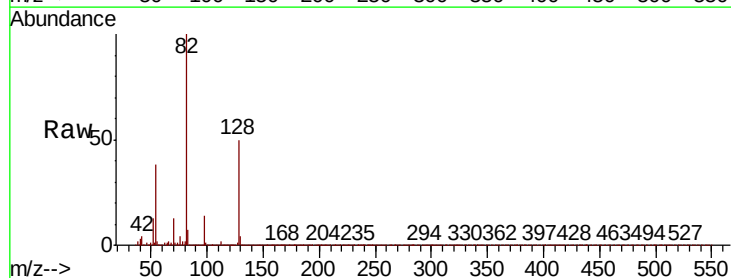
Ion Ratio Lower Upper

70 100

42 34.8 33.2 49.8

101 0.0 9.9 14.9#

130 2.4 21.8 32.8#

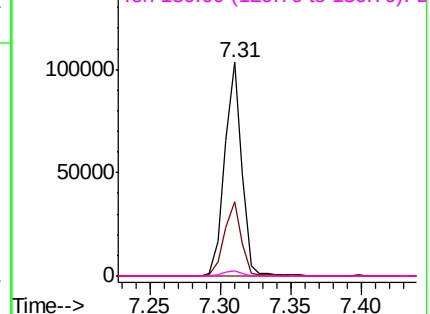
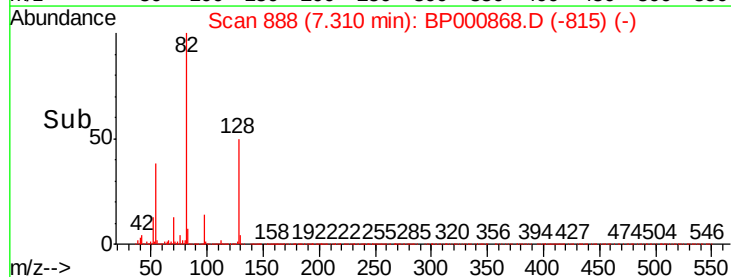


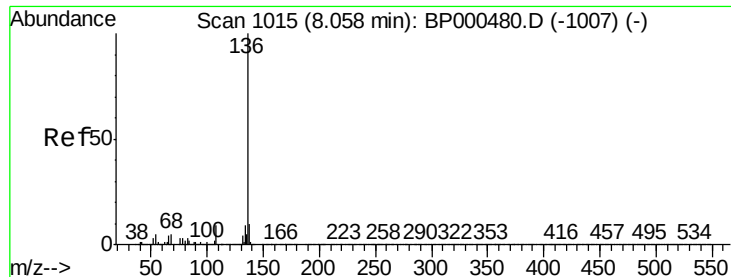
Abundance Ion 70.00 (69.70 to 70.70): BP0

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

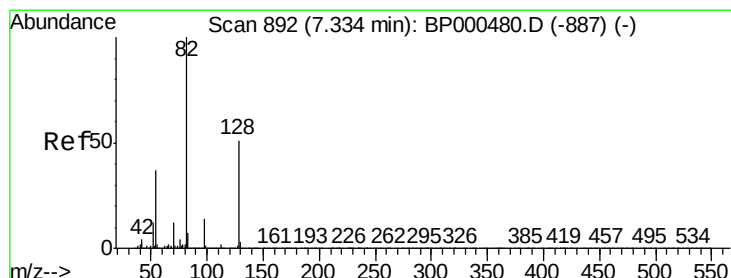
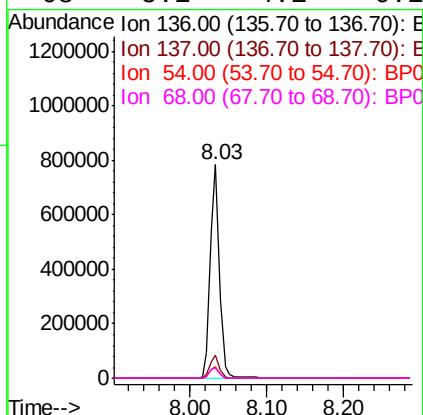
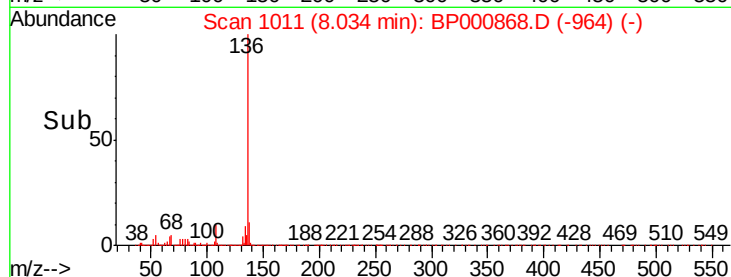
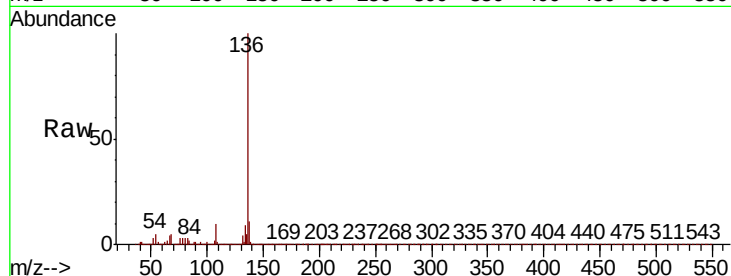




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000868.D
Acq: 18 Oct 2019 04:41

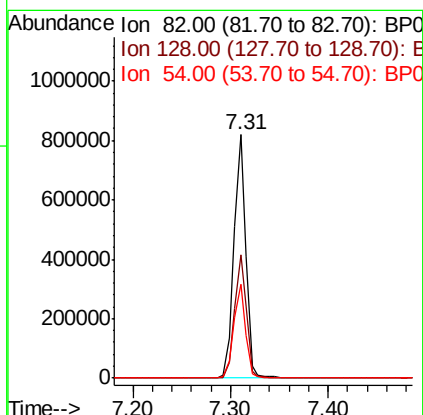
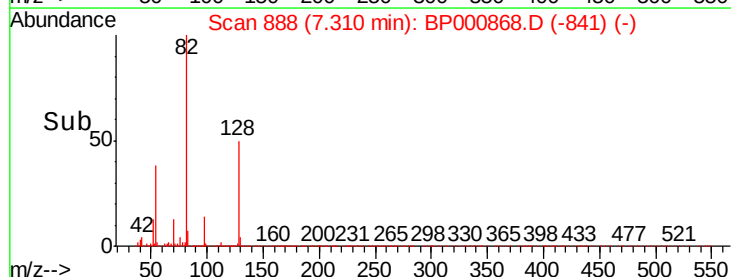
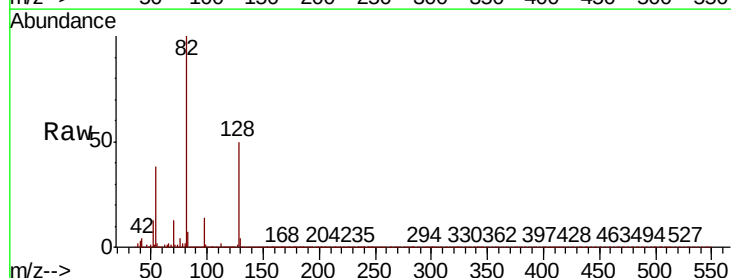
Instrument :
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ClientSampleId :
T-17-F1-(0-30)

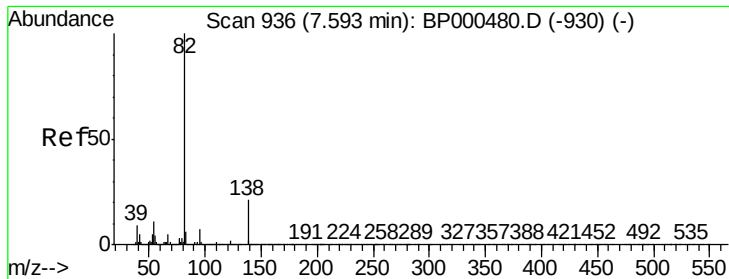
Tot Ion:136	Resp: 643427
Ion Ratio	Lower Upper
136 100	
137 10.9	8.2 12.4
54 5.2	4.1 6.1
68 5.1	4.1 6.1



#23
Nitrobenzene-d5
Concen: 65.768 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000868.D
Acq: 18 Oct 2019 04:41

Tgt	Ion: 82	Resp:	692863
Ion	Ratio	Lower	Upper
82	100		
128	50.5	40.9	61.3
54	38.3	29.4	44.2





#25

Isophorone

Concen: 37.031 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.28 min

Lab File: BP000868.D

Acq: 18 Oct 2019 04:41

Instrument :

BNA_P

ClientSampleId :

T-17-F1-(0-30)

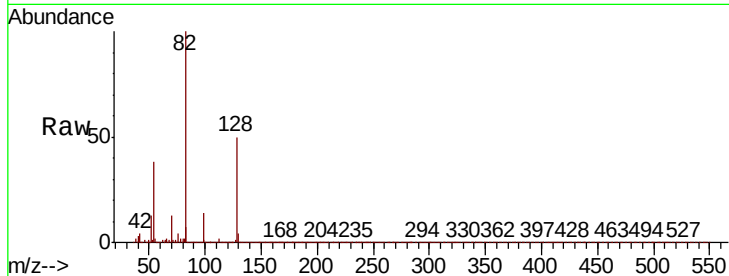
Tot Ion: 82 Resp: 692384

Ion Ratio Lower Upper

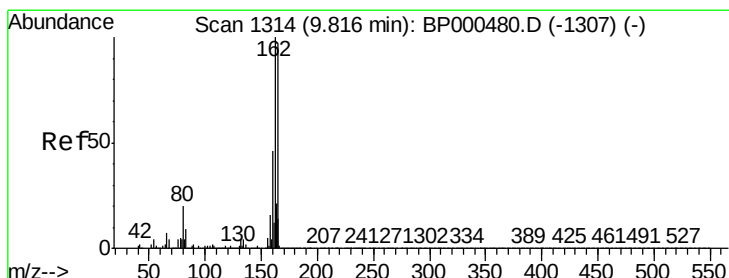
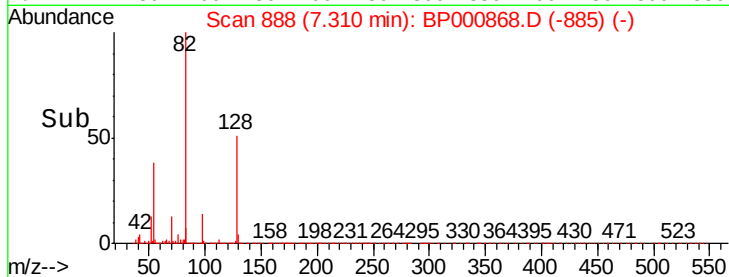
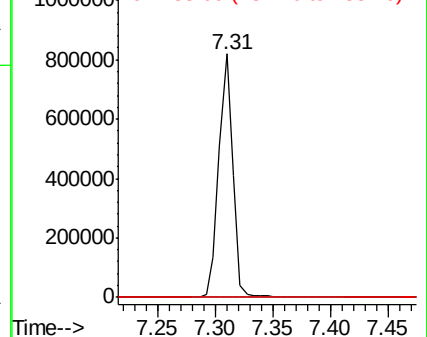
82 100

95 0.0 5.8 8.6#

138 0.0 17.0 25.4#



Abundance Ion 82.00 (81.70 to 82.70): 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: 9.80 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BP000868.D

Acq: 18 Oct 2019 04:41

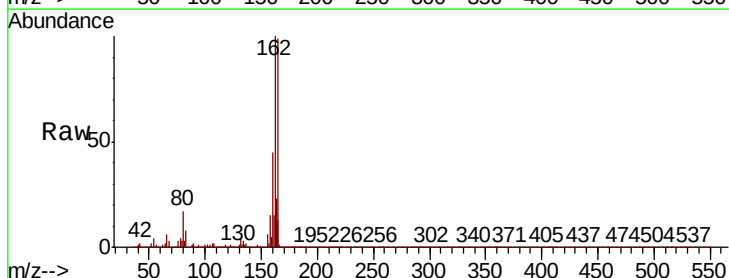
Tgt Ion:164 Resp: 340874

Ion Ratio Lower Upper

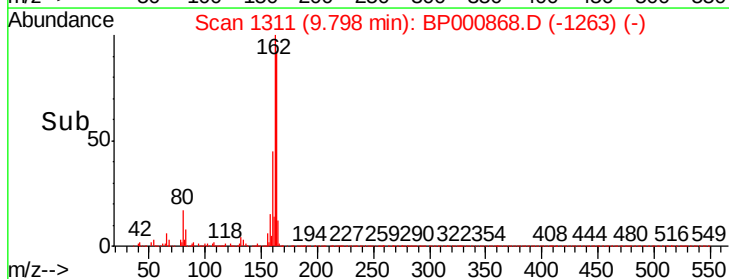
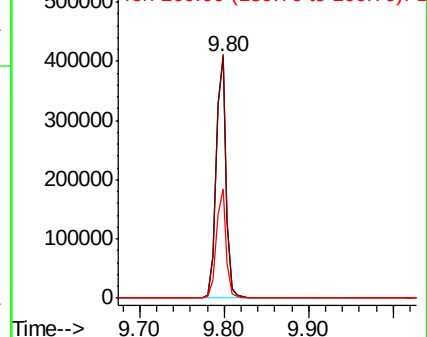
164 100

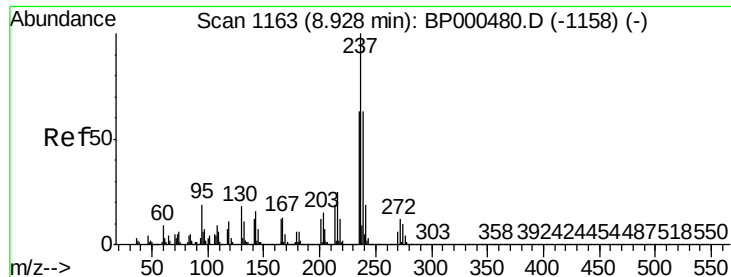
162 100.8 82.2 123.2

160 45.1 37.6 56.4



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: 7.301 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.05 min

Lab File: BP000868.D

Acq: 18 Oct 2019 04:41

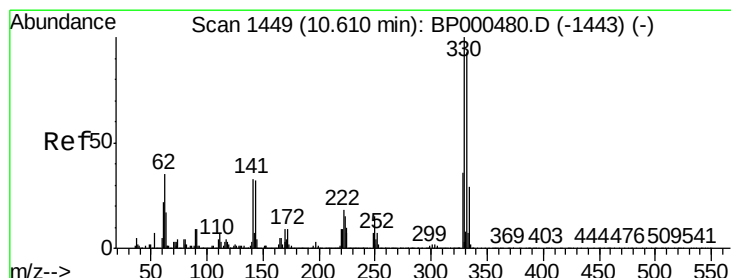
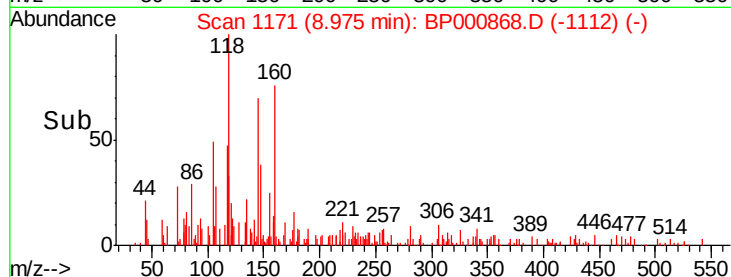
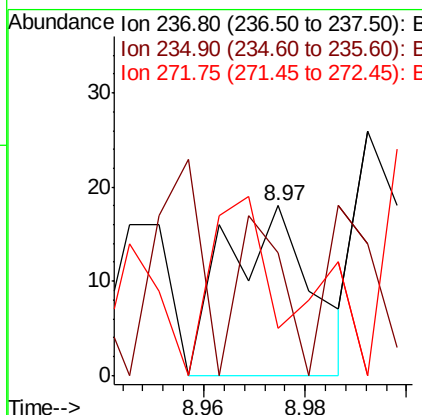
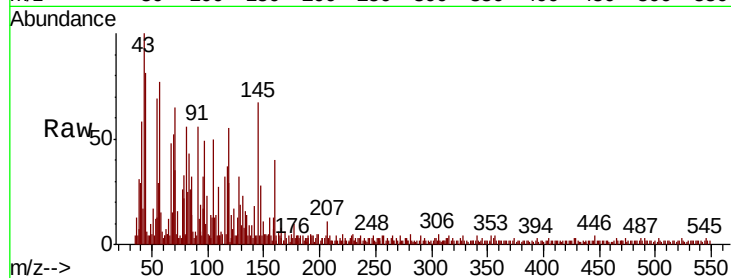
Instrument :

BNA_P

ClientSampleId :

T-17-F1-(0-30)

Tot Ion:	237	Resp:	21
Ion	Ratio	Lower	Upper
237	100		
235	72.2	42.9	82.9
272	27.8	0.0	32.4



#42

2,4,6-Tribromophenol

Concen: 102.172 ng

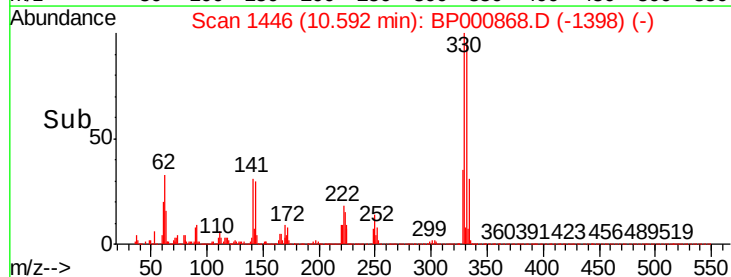
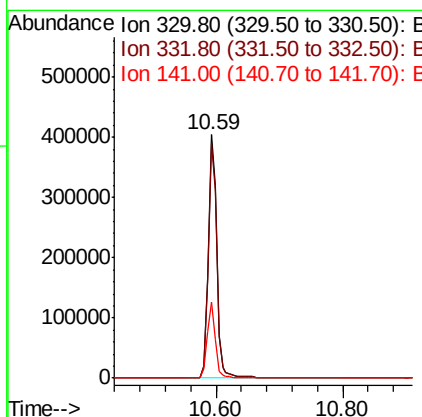
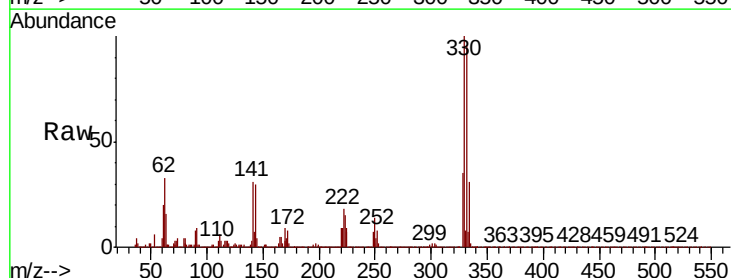
RT: 10.59 min Scan# 1446

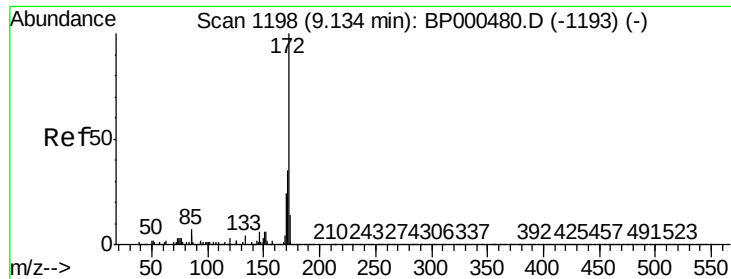
Delta R.T. -0.02 min

Lab File: BP000868.D

Acq: 18 Oct 2019 04:41

Tgt Ion:	330	Resp:	371132
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	29.7	26.0	39.0

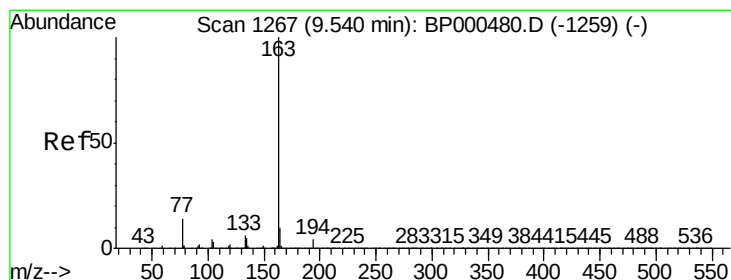
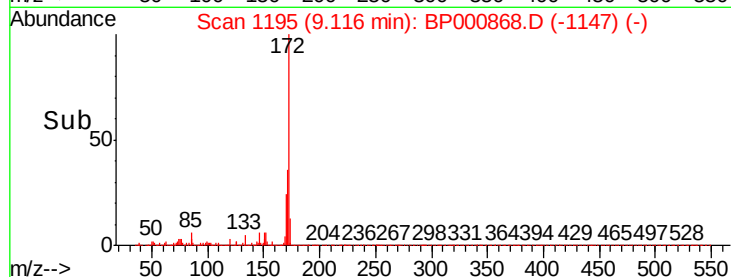
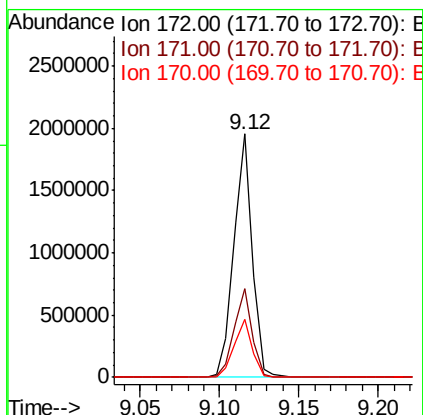
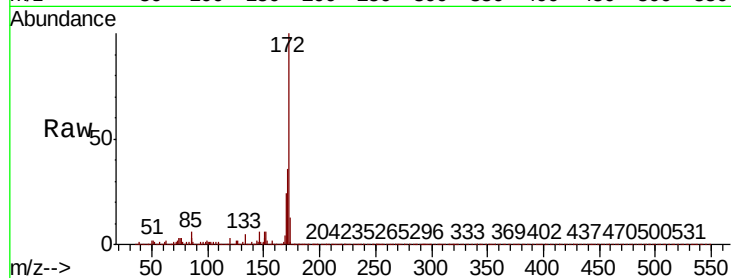




#45
2-Fluorobiphenyl
Concen: 74.710 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000868.D
Acq: 18 Oct 2019 04:41

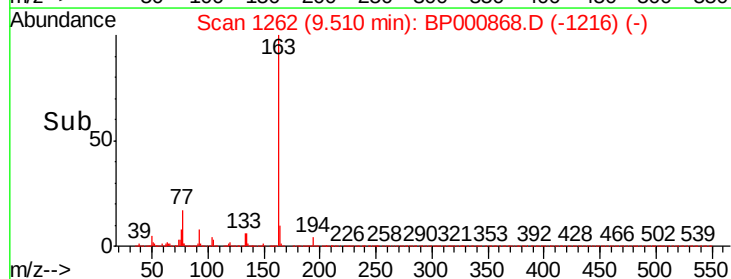
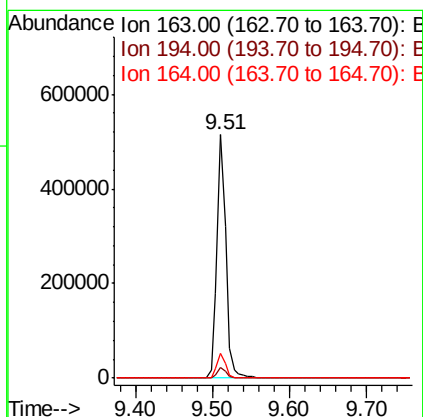
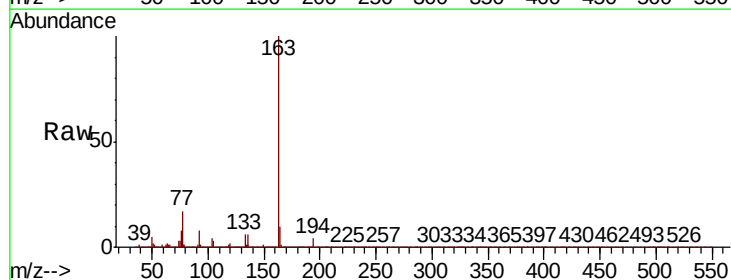
Instrument :
BNA_P
ClientSampleId :
T-17-F1-(0-30)

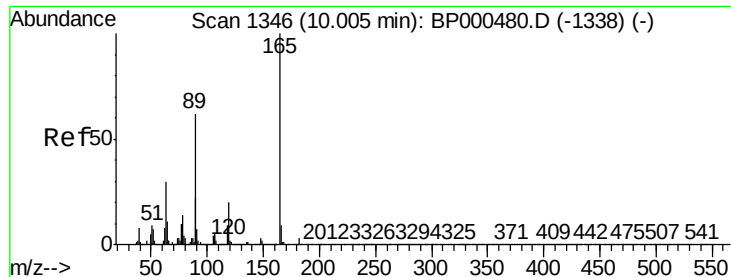
Tot Ion:172 Resp: 1573960
Ion Ratio Lower Upper
172 100
171 36.4 28.4 42.6
170 24.1 19.1 28.7



#50
Dimethylphthalate
Concen: 17.061 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000868.D
Acq: 18 Oct 2019 04:41

Tgt Ion:163 Resp: 404091
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.3 8.0 12.0





#57

2,4-Dinitrotoluene

Concen: 6.568 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.21 min

Lab File: BP000868.D

Acq: 18 Oct 2019 04:41

Instrument :

BNA_P

ClientSampleId :

T-17-F1-(0-30)

Tot Ion:165 Resp: 44981

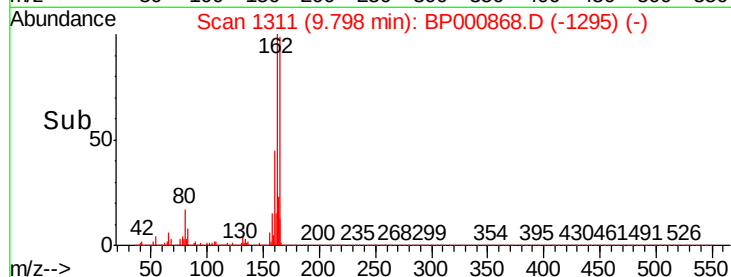
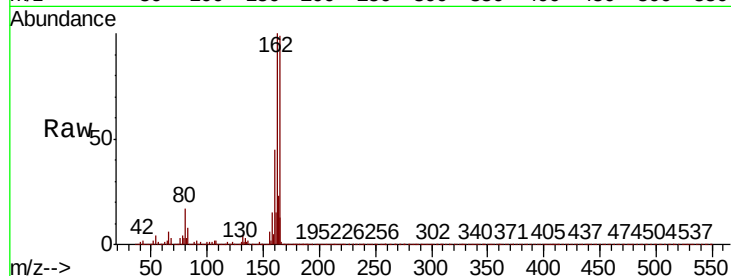
Ion Ratio Lower Upper

165 100

63 1.0 24.2 36.4#

89 1.3 49.4 74.0#

182 0.1 2.5 3.7#

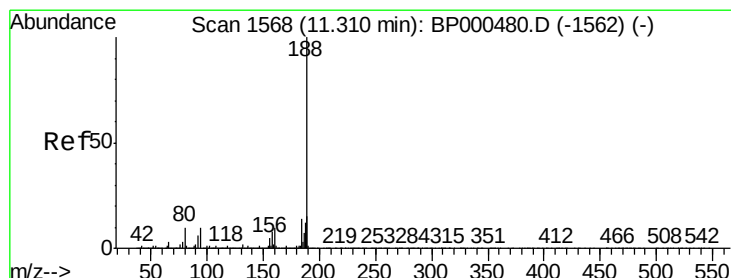
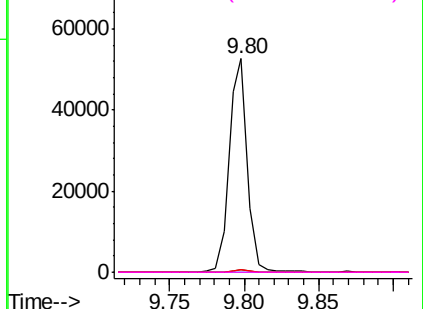


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BP000868.D

Acq: 18 Oct 2019 04:41

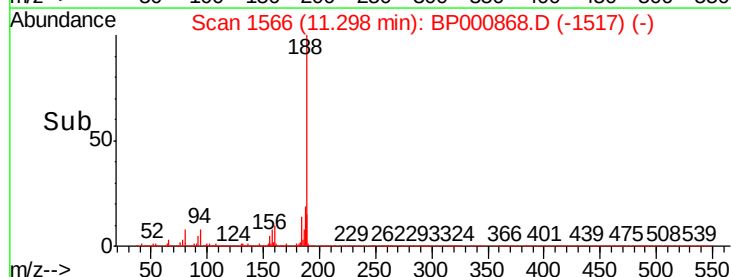
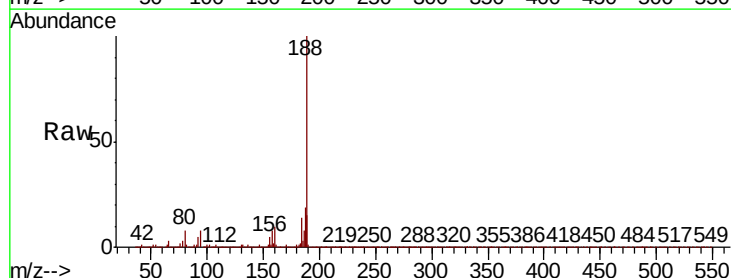
Tgt Ion:188 Resp: 611476

Ion Ratio Lower Upper

188 100

94 8.1 8.2 12.2#

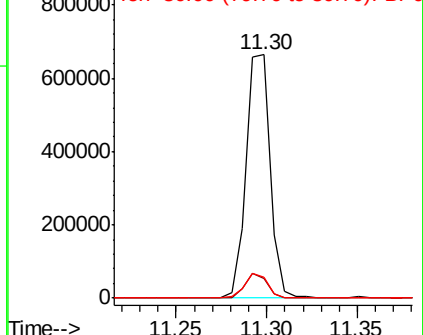
80 8.3 8.3 12.5

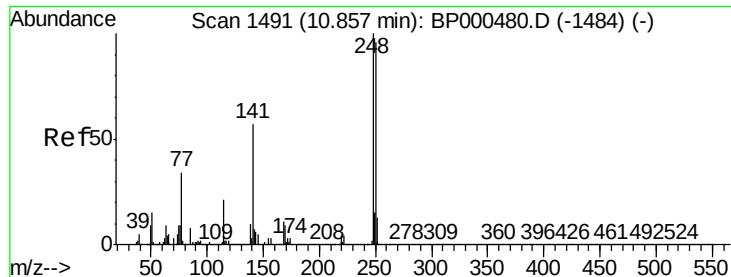


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0





#67

4-Bromophenyl-phenylether

Concen: 3.629 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.27 min

Lab File: BP000868.D

Acq: 18 Oct 2019 04:41

Instrument :

BNA_P

ClientSampleId :

T-17-F1-(0-30)

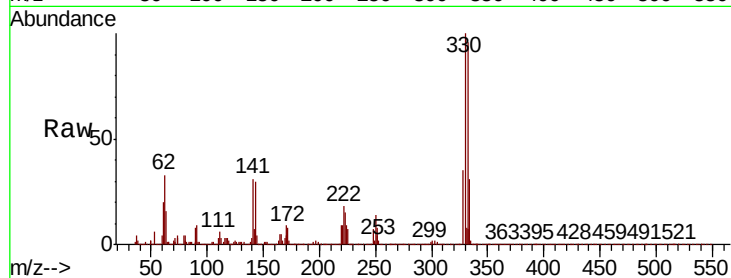
Tot Ion:248 Resp: 24981

Ion Ratio Lower Upper

248 100

250 199.0 77.2 115.8#

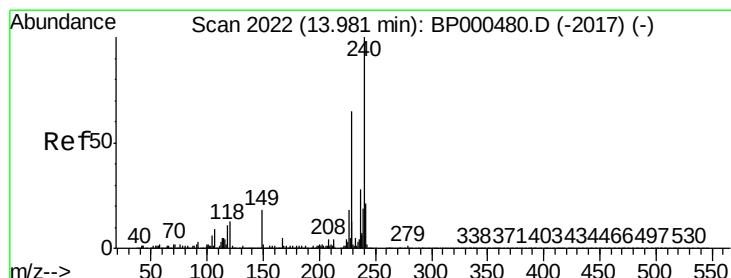
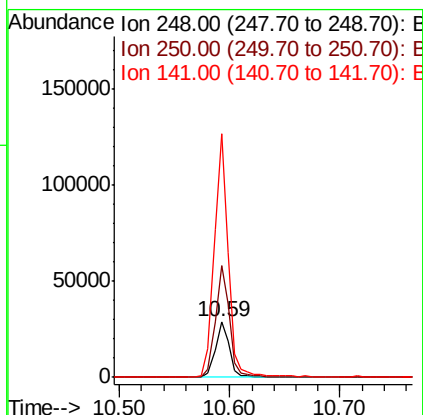
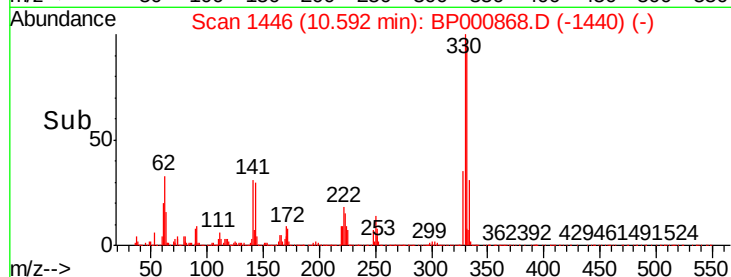
141 435.0 45.3 67.9#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BP000868.D

Acq: 18 Oct 2019 04:41

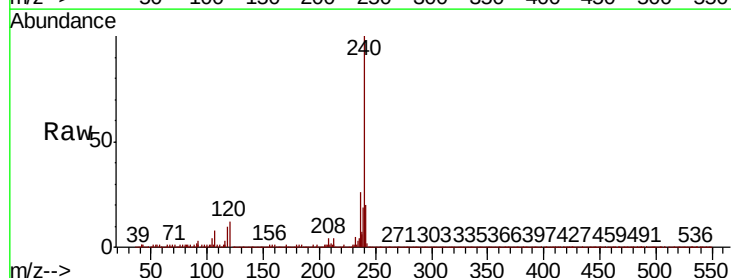
Tgt Ion:240 Resp: 531089

Ion Ratio Lower Upper

240 100

120 11.7 10.1 15.1

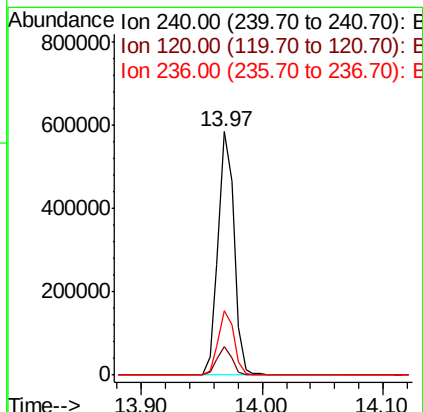
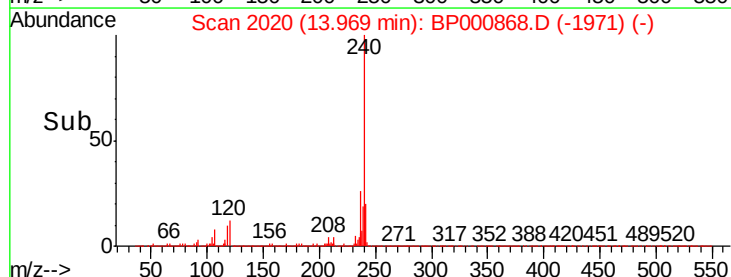
236 26.3 22.7 34.1

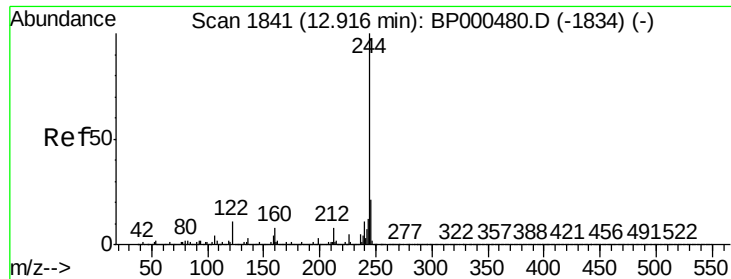


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.200 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BP000868.D

Acq: 18 Oct 2019 04:41

Instrument :

BNA_P

ClientSampleId :

T-17-F1-(0-30)

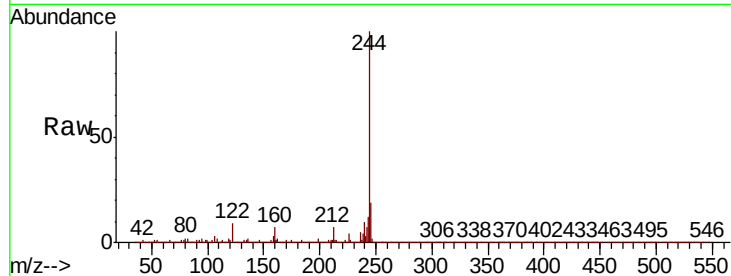
Tot Ion:244 Resp: 1815116

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

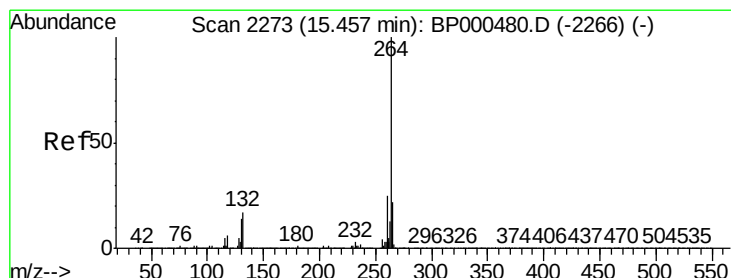
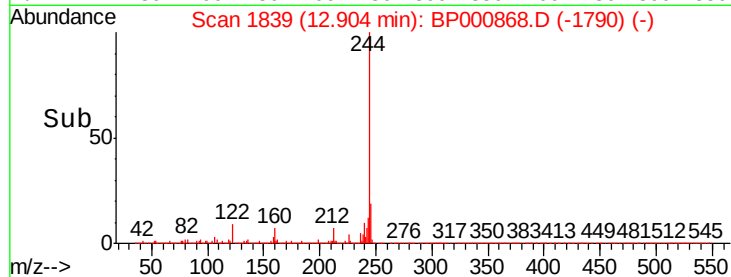
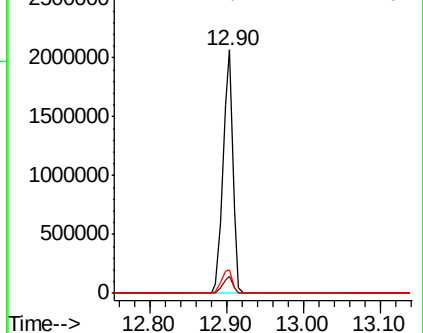
122 9.4 8.9 13.3



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: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BP000868.D

Acq: 18 Oct 2019 04:41

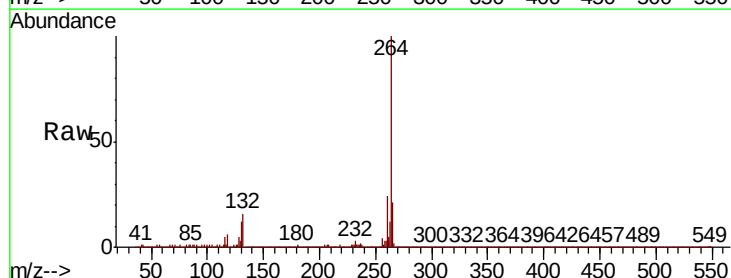
Tgt Ion:264 Resp: 575921

Ion Ratio Lower Upper

264 100

260 23.7 20.3 30.5

265 21.5 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

