

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
 Data File : BP000459.D
 Acq On : 27 Sep 2019 14:19
 Operator : JU
 Sample : K4663-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 14:48:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	233718	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	848422	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	468689	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	876870	20.00	ng	0.00
76) Chrysene-d12	14.00	240	787602	20.00	ng	0.00
87) Perylene-d12	15.49	264	858047	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1760738	130.06	ng	0.02
7) Phenol-d6	6.43	99	2200869	132.62	ng	0.01
23) Nitrobenzene-d5	7.35	82	1272121	96.74	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	733791	157.85	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2681508	102.97	ng	0.00
79) Terphenyl-d14	12.94	244	3436909	91.54	ng	0.00

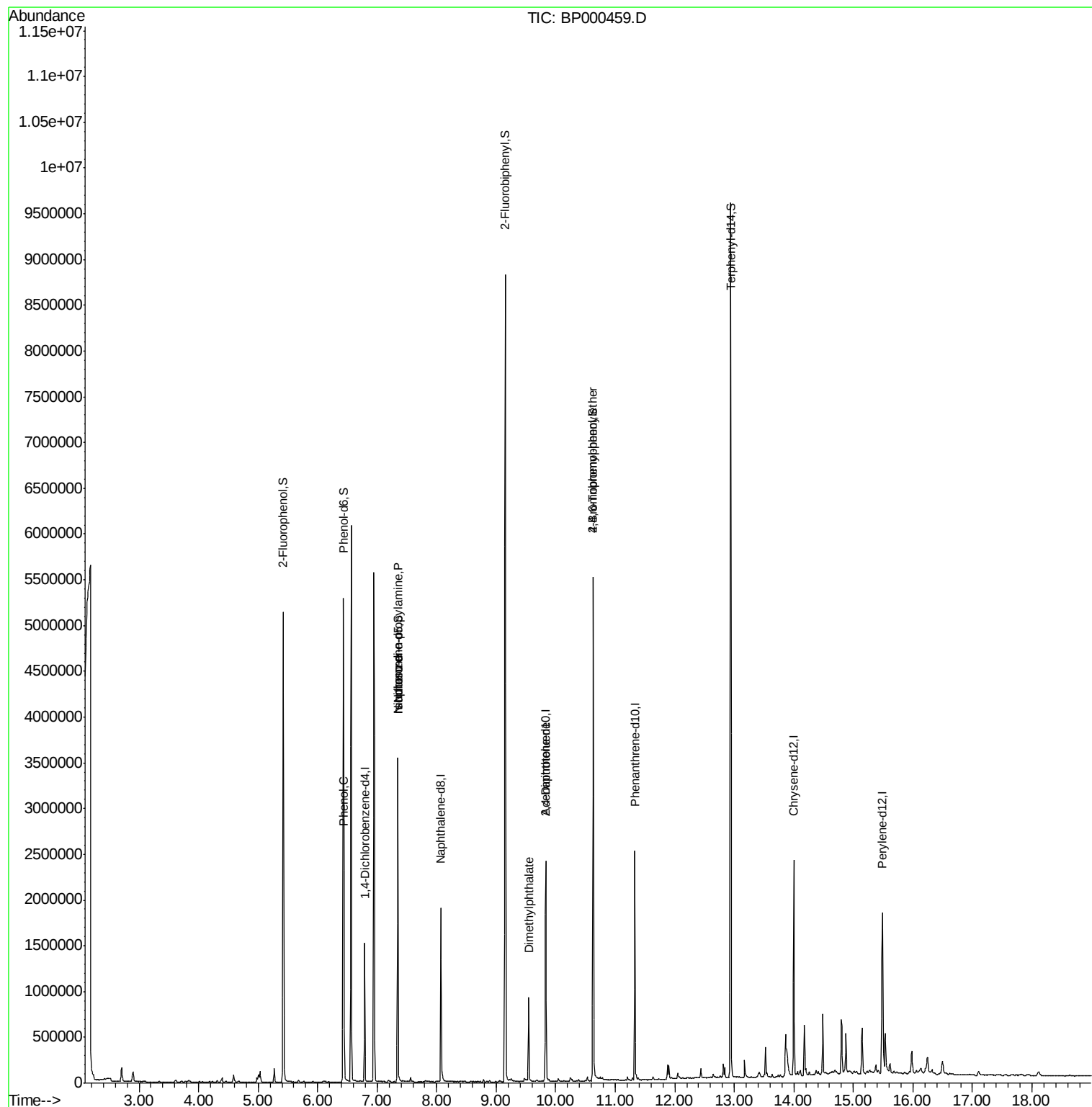
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	3909	Below Cal		# 1
10) Phenol	6.45	94	132661	7.036	ng	97
19) n-Nitroso-di-n-propylamine	7.35	70	157097	17.905	ng	# 75
25) Isophorone	7.35	82	1271920	48.848	ng	# 63
50) Dimethylphthalate	9.55	163	380689	11.922	ng	99
57) 2,4-Dinitrotoluene	9.83	165	61011	6.647	ng	# 35
67) 4-Bromophenyl-phenylether	10.63	248	51059	5.149	ng	# 1
69) Atrazine	11.17	200	26	Below Cal		79

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

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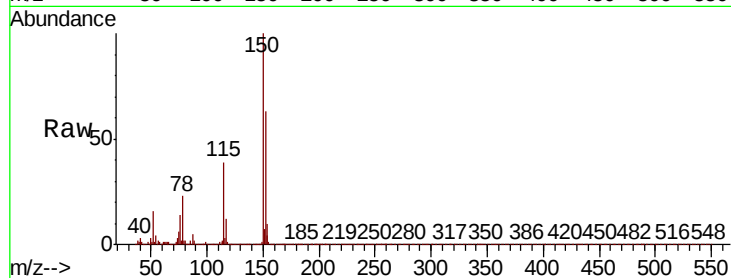


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000459.D
Acq: 27 Sep 2019 14:19

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.2	187.8
115	61.1	49.7	74.5

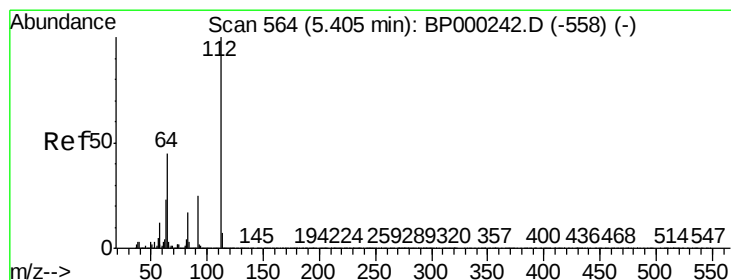
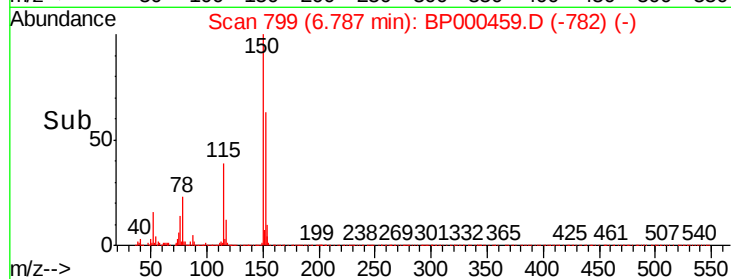
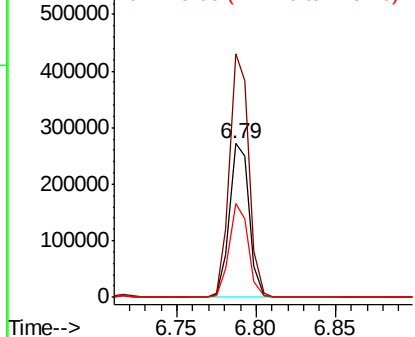


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

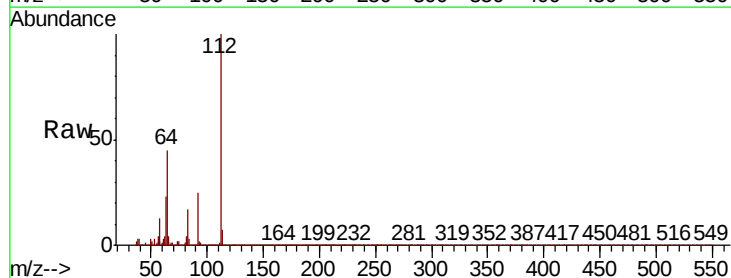
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 130.056 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BP000459.D
Acq: 27 Sep 2019 14:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.8	36.2	54.4
63	23.2	18.3	27.5

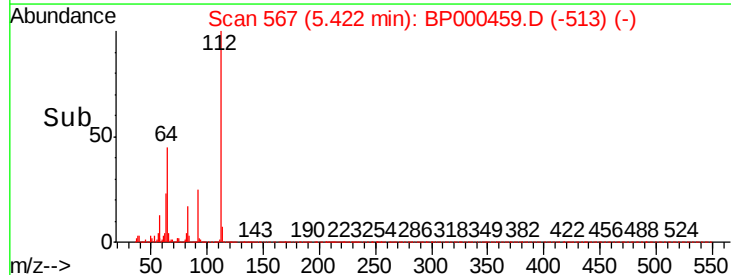
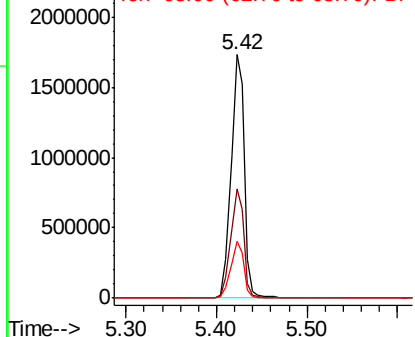


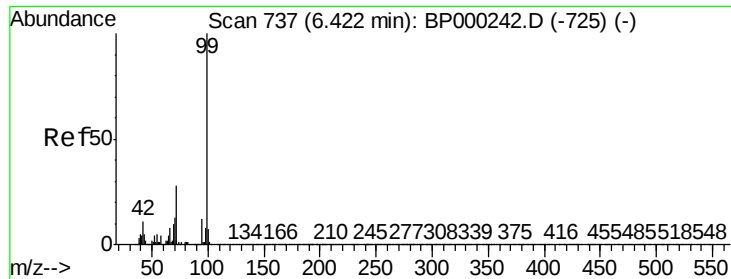
Abundance

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: 132.622 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 14:19

Instrument :

BNA_P

ClientSampled :

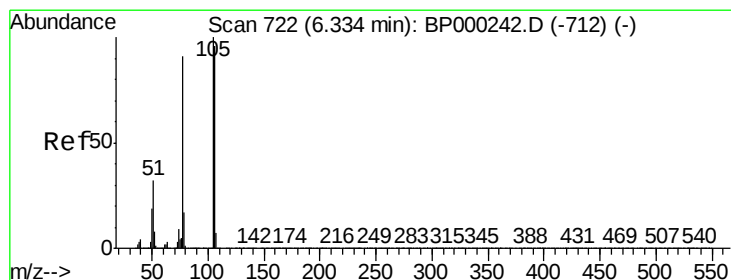
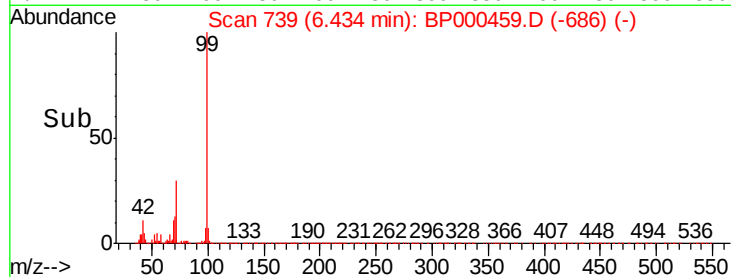
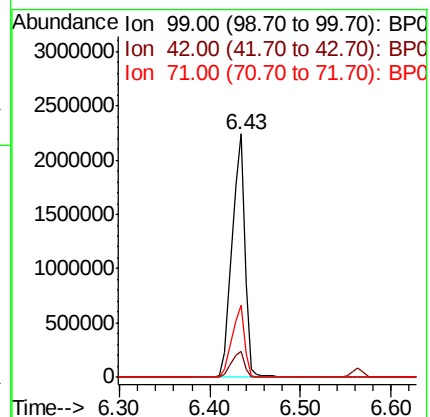
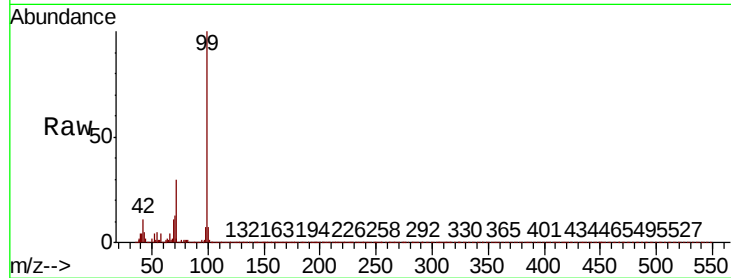
Tot Ion: 99 Resp: 2200869

Ion Ratio Lower Upper

99 100

42 10.7 8.5 12.7

71 29.6 22.6 34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.43 min Scan# 739

Delta R.T. 0.10 min

Lab File: BP000459.D

Acq: 27 Sep 2019 14:19

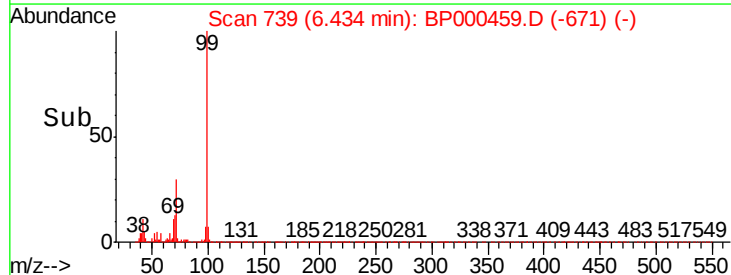
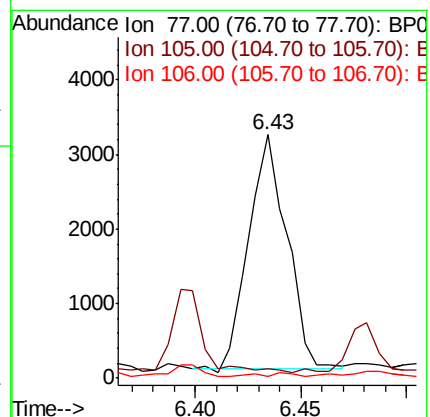
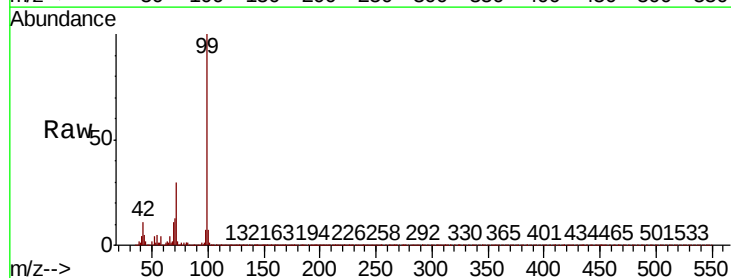
Tgt Ion: 77 Resp: 3909

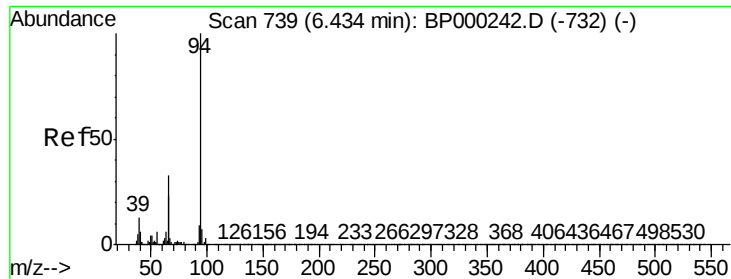
Ion Ratio Lower Upper

77 100

105 3.7 89.6 129.6#

106 0.5 84.6 124.6#





#10

Phenol

Concen: 7.036 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 14:19

Instrument :

BNA_P

ClientSampleId :

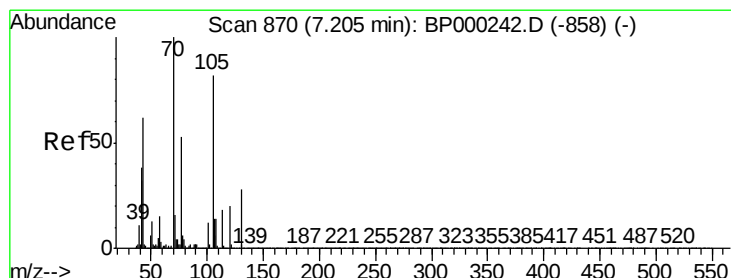
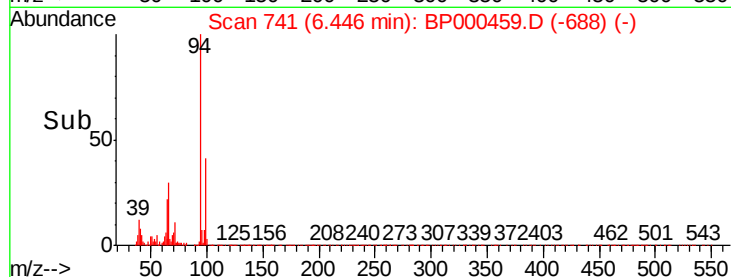
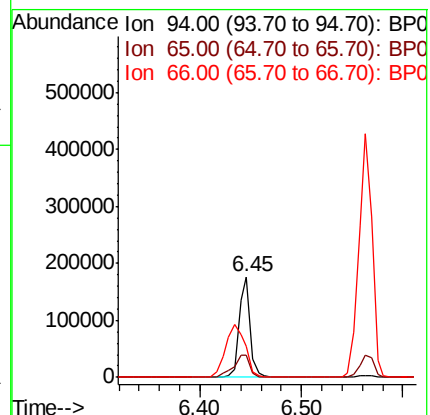
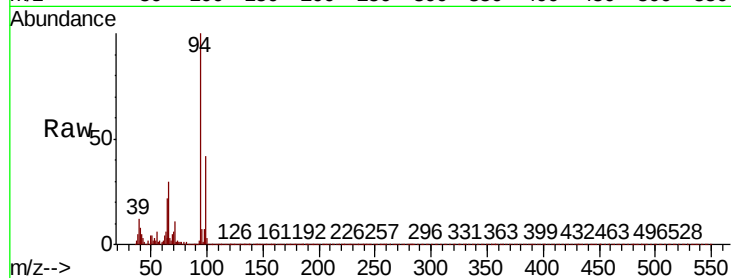
Tot Ion: 94 Resp: 132661

Ion Ratio Lower Upper

94 100

65 22.5 3.3 43.3

66 30.3 12.7 52.7



#19

n-Nitroso-di-n-propylamine

Concen: 17.905 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BP000459.D

Acq: 27 Sep 2019 14:19

Tgt Ion: 70 Resp: 157097

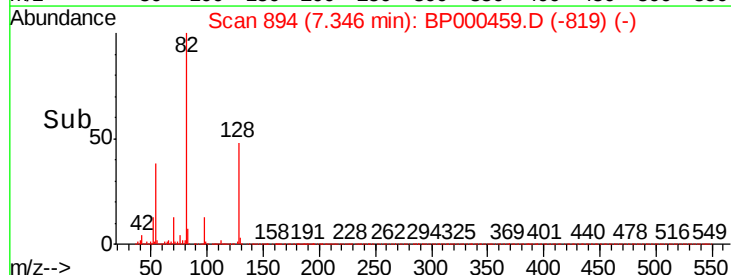
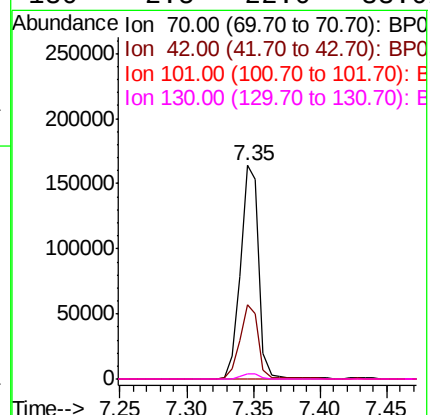
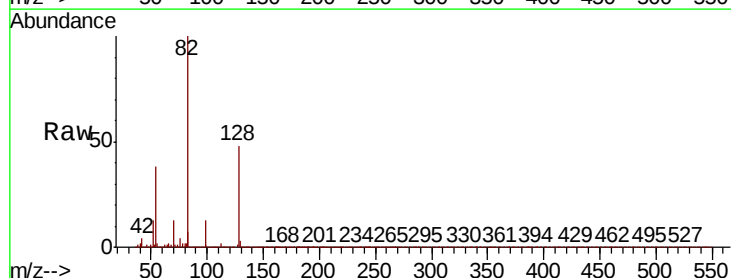
Ion Ratio Lower Upper

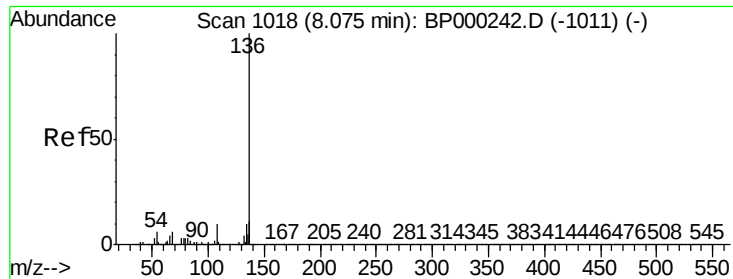
70 100

42 34.7 30.7 46.1

101 0.1 9.6 14.4#

130 2.5 22.0 33.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 14:19

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 848422

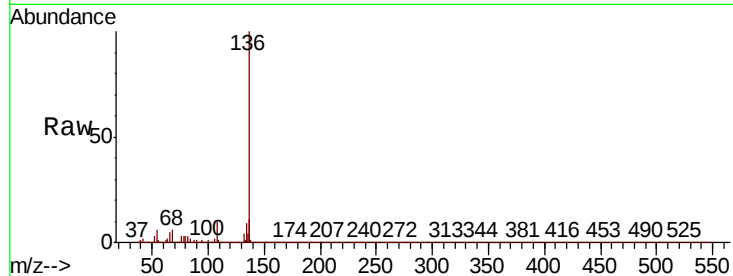
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 5.9 4.5 6.7

68 5.9 4.5 6.7

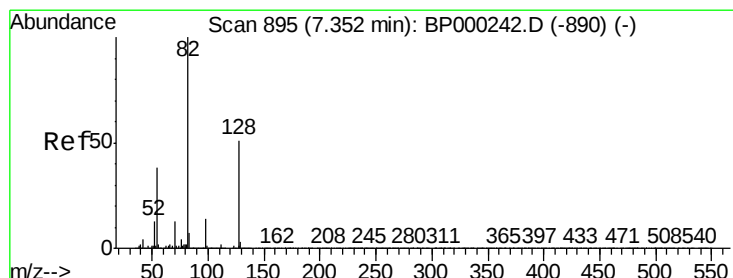
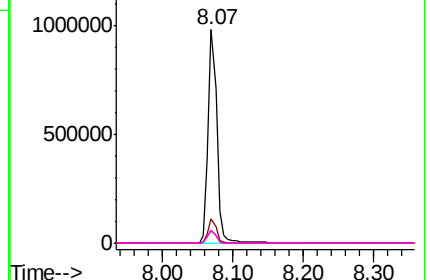
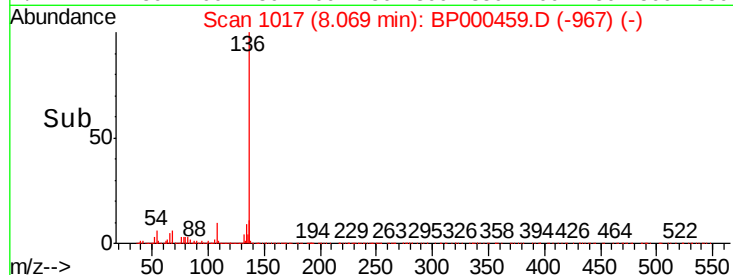


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.740 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 14:19

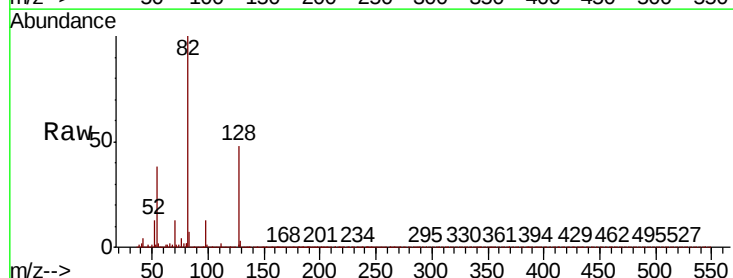
Tgt Ion: 82 Resp: 1272121

Ion Ratio Lower Upper

82 100

128 47.6 40.7 61.1

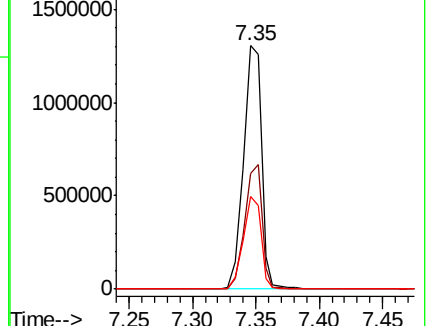
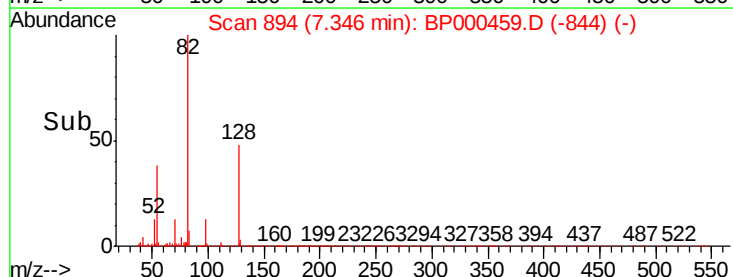
54 38.1 30.1 45.1

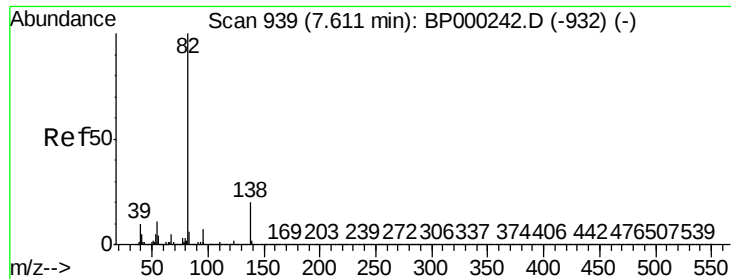


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0





#25

Isophorone

Concen: 48.848 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000459.D

Acq: 27 Sep 2019 14:19

Instrument :

BNA_P

ClientSampleId :

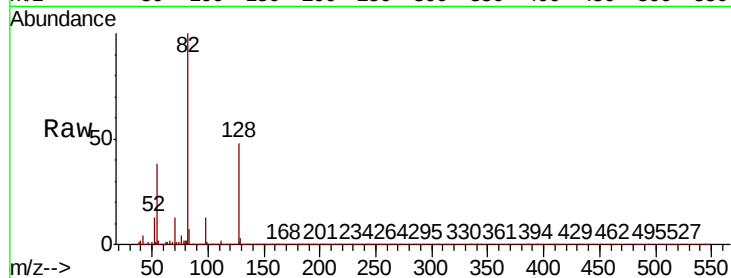
Tot Ion: 82 Resp: 1271920

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

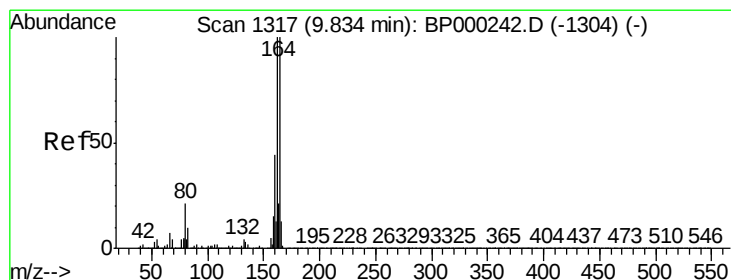
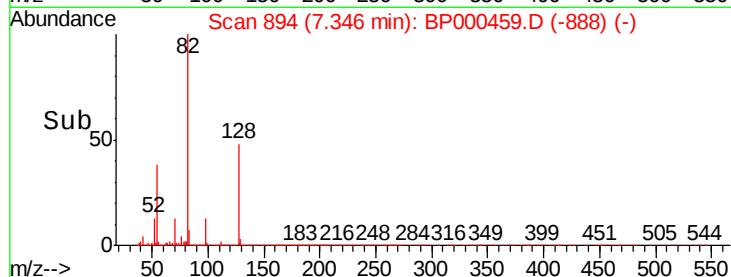
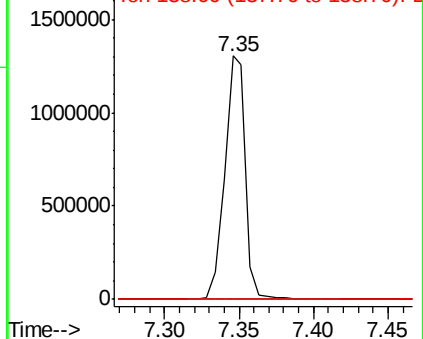
138 0.0 15.9 23.9#



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: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BP000459.D

Acq: 27 Sep 2019 14:19

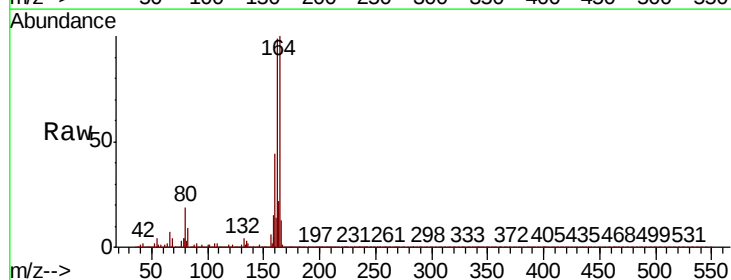
Tgt Ion: 164 Resp: 468689

Ion Ratio Lower Upper

164 100

162 99.5 79.9 119.9

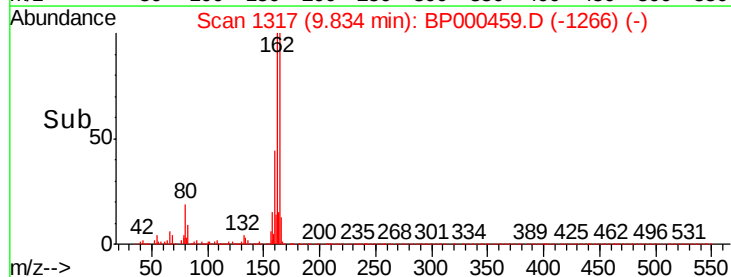
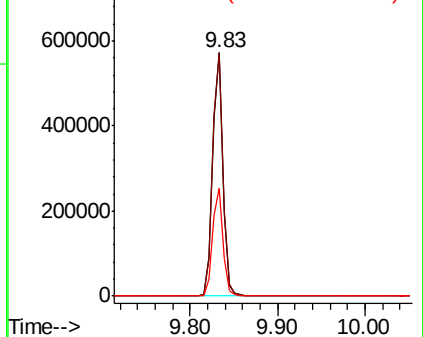
160 44.2 35.6 53.4

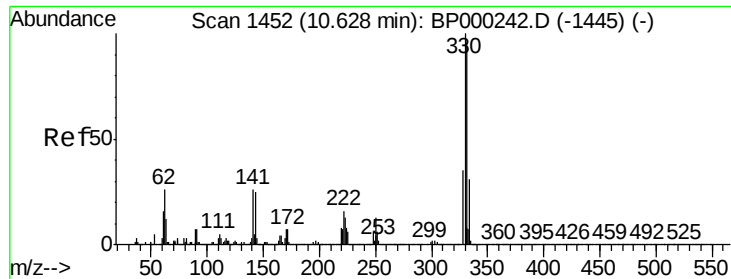


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

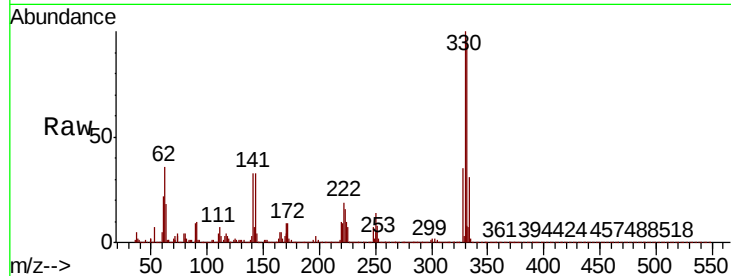




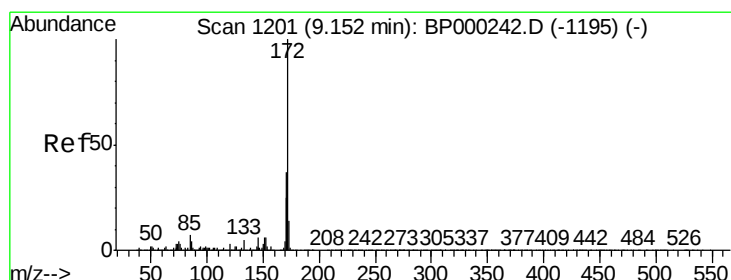
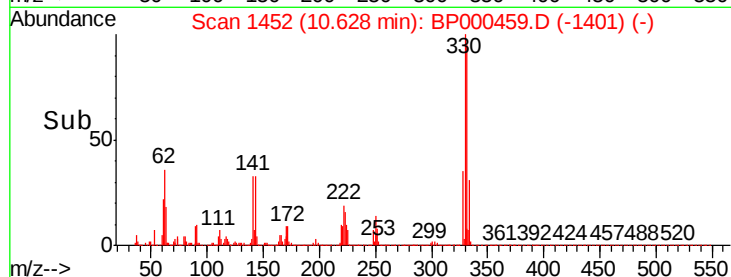
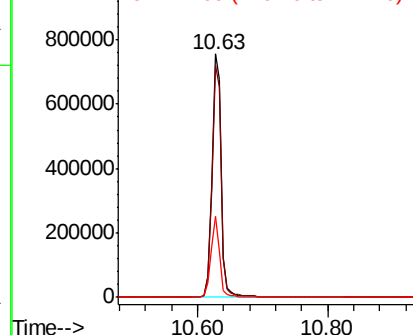
#42
2,4,6-Tribromophenol
Concen: 157.847 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000459.D
Acq: 27 Sep 2019 14:19

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 733791
Ion Ratio Lower Upper
330 100
332 95.2 76.6 115.0
141 31.4 26.5 39.7

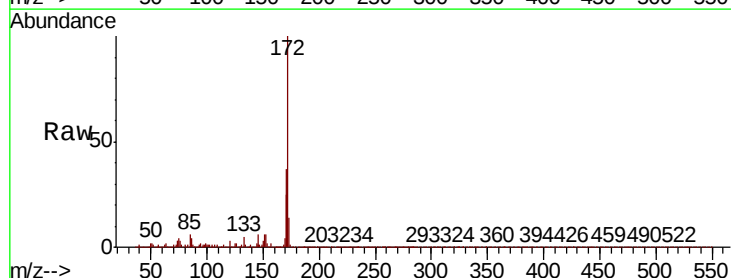


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

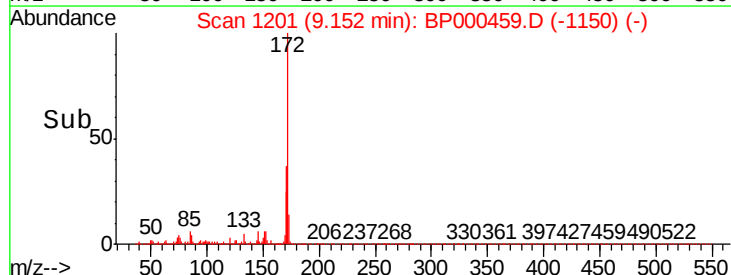
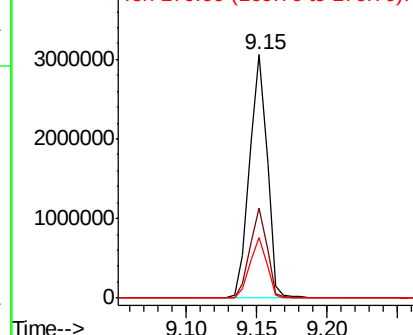


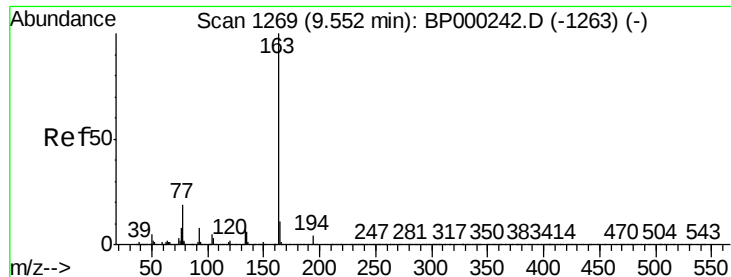
#45
2-Fluorobiphenyl
Concen: 102.972 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000459.D
Acq: 27 Sep 2019 14:19

Tgt Ion:172 Resp: 2681508
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.6
170 24.7 19.8 29.6



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

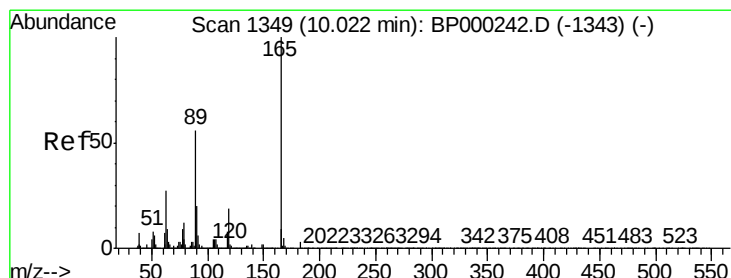
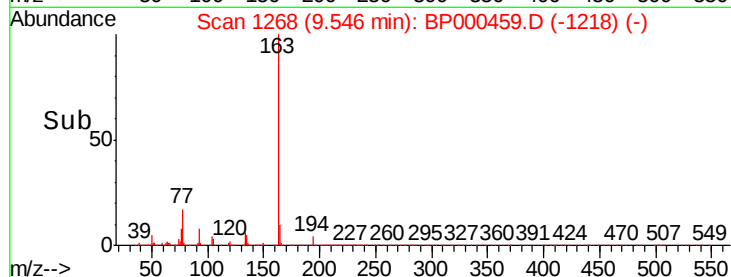
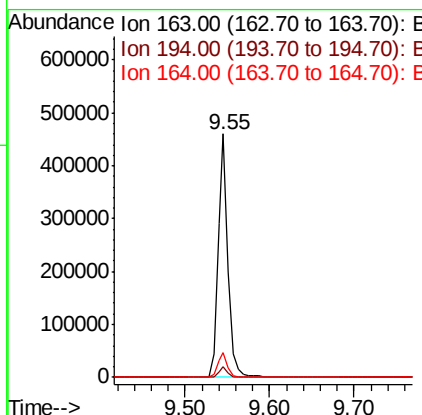
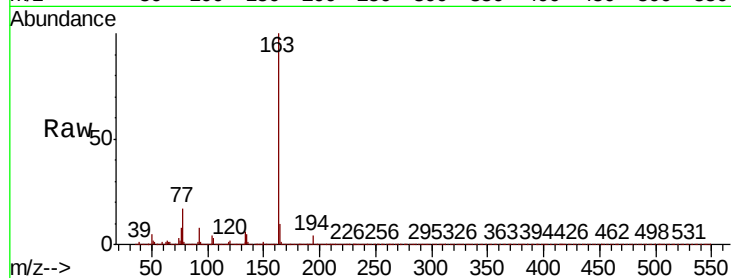




#50
Dimethylphthalate
Concen: 11.922 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000459.D
Acq: 27 Sep 2019 14:19

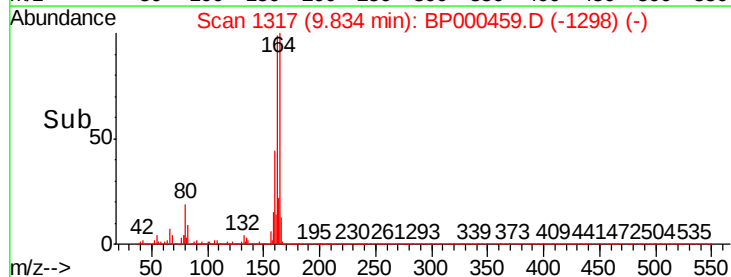
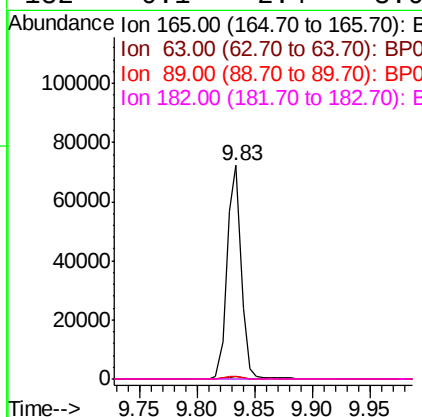
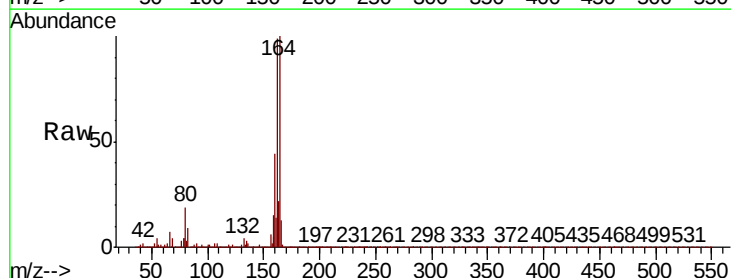
Instrument :
BNA_P
ClientSampleId :

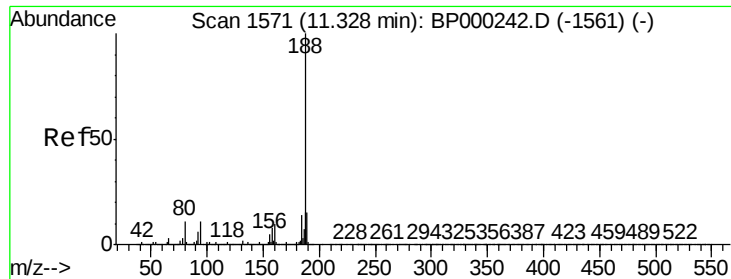
Tot Ion:163 Resp: 380689
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.2 8.5 12.7



#57
2,4-Dinitrotoluene
Concen: 6.647 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BP000459.D
Acq: 27 Sep 2019 14:19

Tgt Ion:165 Resp: 61011
Ion Ratio Lower Upper
165 100
63 1.0 21.7 32.5#
89 1.2 45.0 67.6#
182 0.1 2.4 3.6#

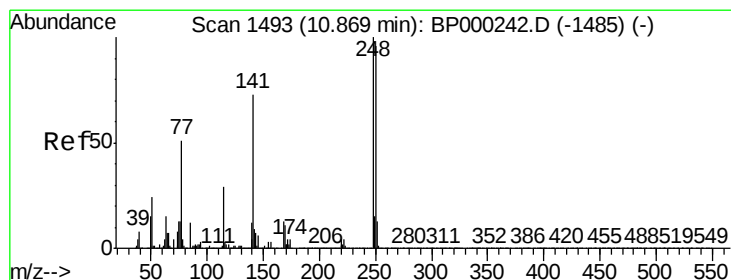
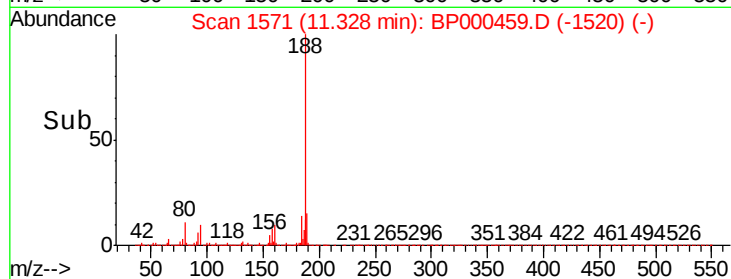
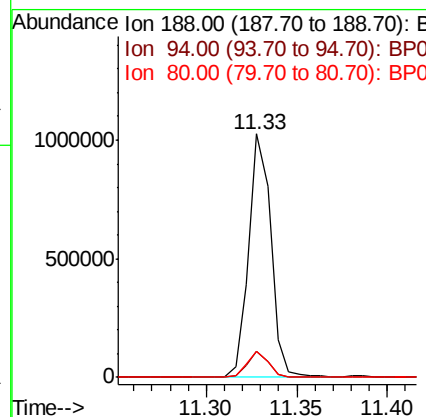
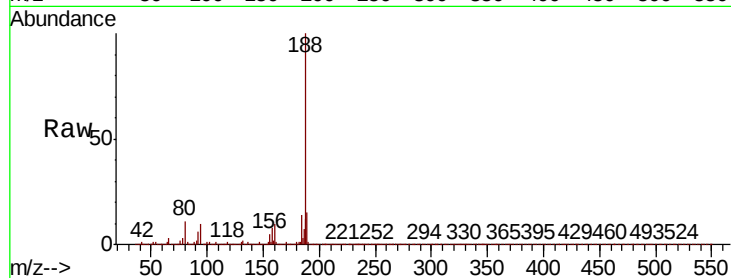




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000459.D
Acq: 27 Sep 2019 14:19

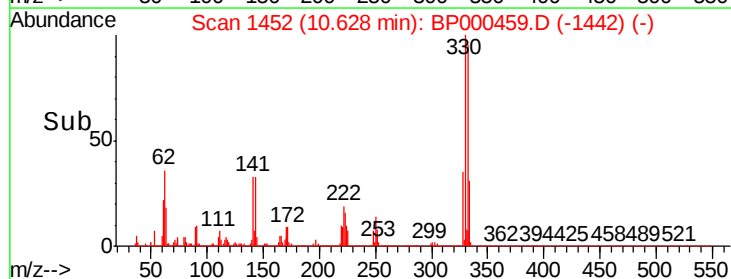
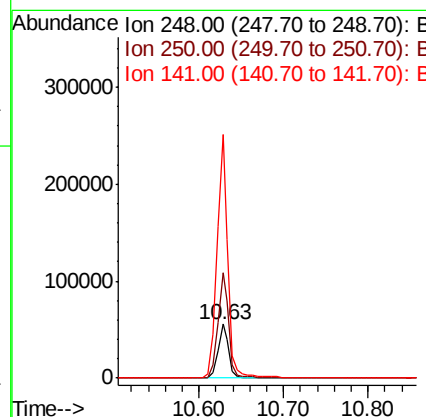
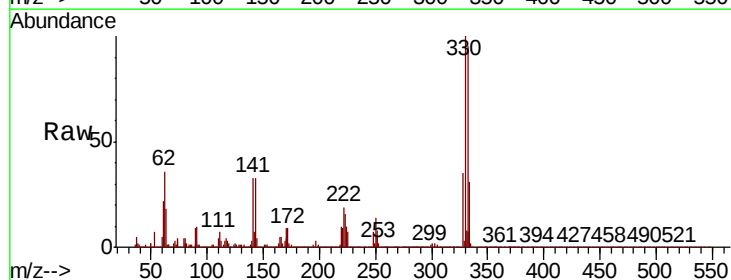
Instrument :
BNA_P
ClientSampleId :

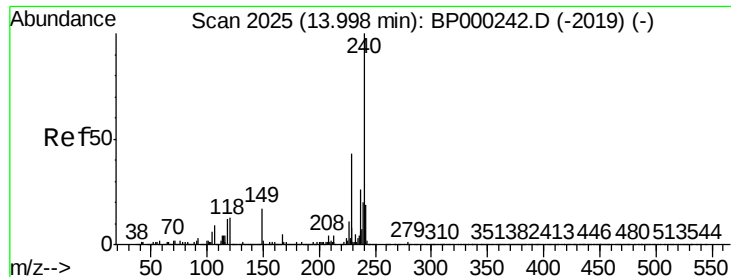
Tot Ion:188 Resp: 876870
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 10.7 8.6 13.0



#67
4-Bromophenyl-phenylether
Concen: 5.149 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BP000459.D
Acq: 27 Sep 2019 14:19

Tgt Ion:248 Resp: 51059
Ion Ratio Lower Upper
248 100
250 195.8 77.0 115.4#
141 449.8 58.5 87.7#

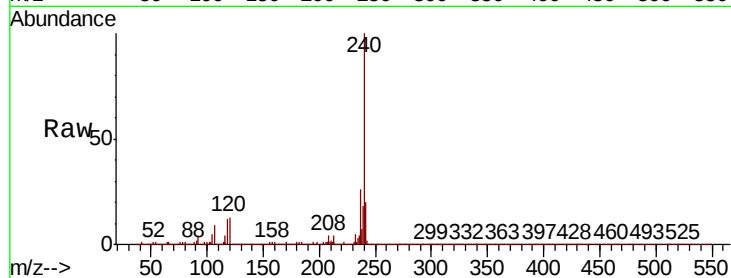




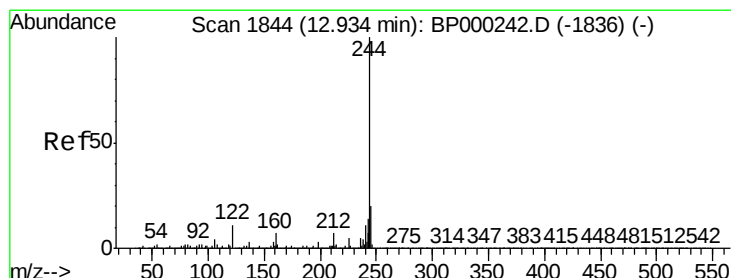
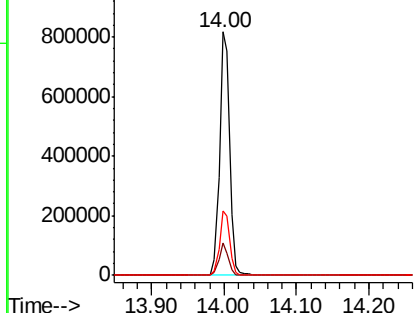
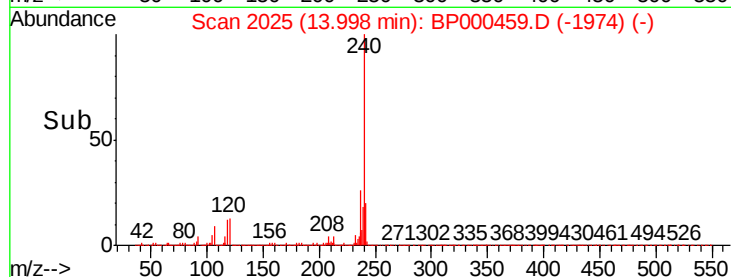
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BP000459.D
 Acq: 27 Sep 2019 14:19

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:240 Resp: 787602
 Ion Ratio Lower Upper
 240 100
 120 13.3 10.4 15.6
 236 26.2 21.0 31.6

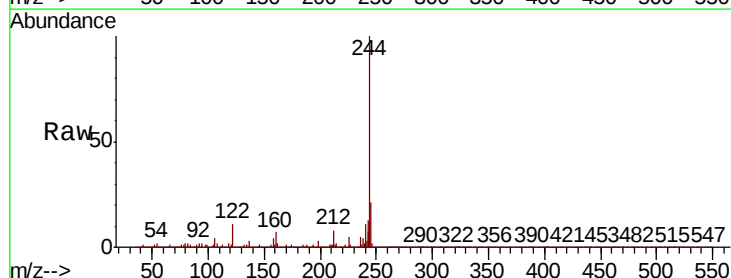


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

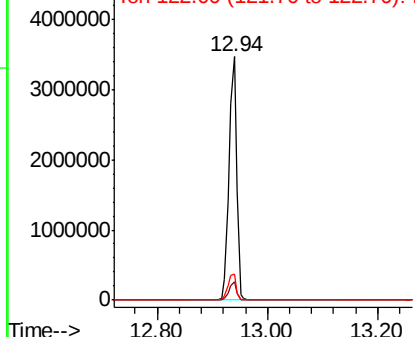
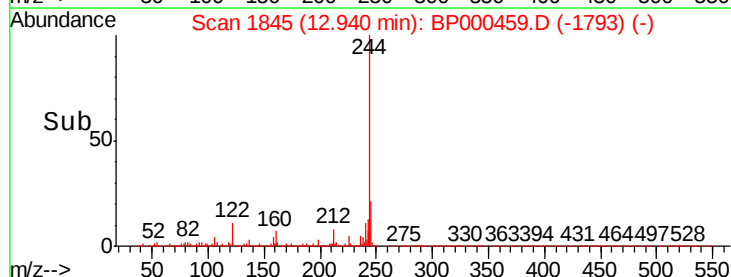


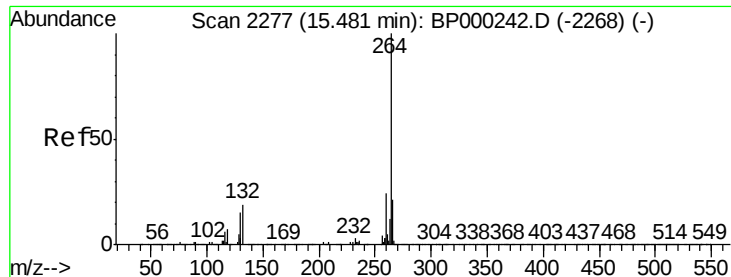
#79
 Terphenyl-d14
 Concen: 91.545 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: BP000459.D
 Acq: 27 Sep 2019 14:19

Tgt Ion:244 Resp: 3436909
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 10.5 9.0 13.4



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

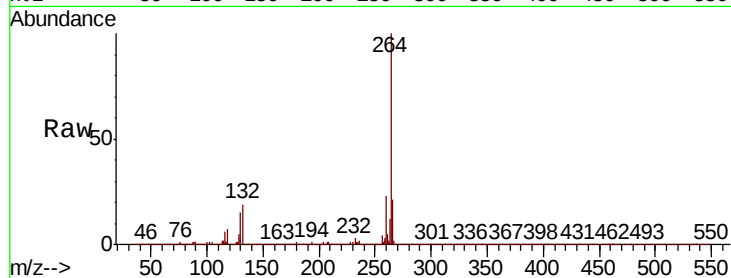




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BP000459.D
Acq: 27 Sep 2019 14:19

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.0	17.2	25.8



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

