

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
 Data File : BP000383.D
 Acq On : 24 Sep 2019 14:58
 Operator : JU
 Sample : K4978-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

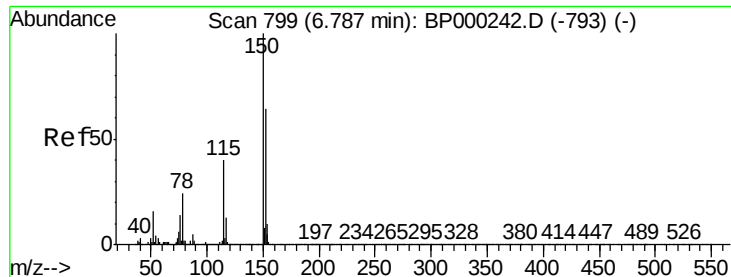
Quant Time: Sep 24 17:00:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	250967	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	887177	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	493501	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	895042	20.00	ng	0.00
76) Chrysene-d12	13.99	240	788771	20.00	ng	0.00
87) Perylene-d12	15.47	264	889357	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	1257085	86.47	ng	0.00
7) Phenol-d6	6.42	99	1109223	62.25	ng	0.00
23) Nitrobenzene-d5	7.35	82	1294770	94.16	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	733253	149.80	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2602661	94.92	ng	0.00
79) Terphenyl-d14	12.93	244	3315757	88.19	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.35	77	31598	Below Cal	#	1
10) Phenol	6.43	94	57003	2.816	ng	98
15) Benzyl Alcohol	6.95	79	26051	2.009	ng	30
18) Hexachloroethane	7.32	117	27790	4.018	ng	1
22) Acetophenone	7.18	105	427744	22.248	ng	61
25) Isophorone	7.35	82	1294770	47.553	ng	63
27) 2,4-Dimethylphenol	7.74	122	181683	15.064	ng	91
50) Dimethylphthalate	9.54	163	368141	10.949	ng	99
67) 4-Bromophenyl-phenylether	10.63	248	51022	5.041	ng	1
69) Atrazine	11.04	200	532	Below Cal	#	1

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

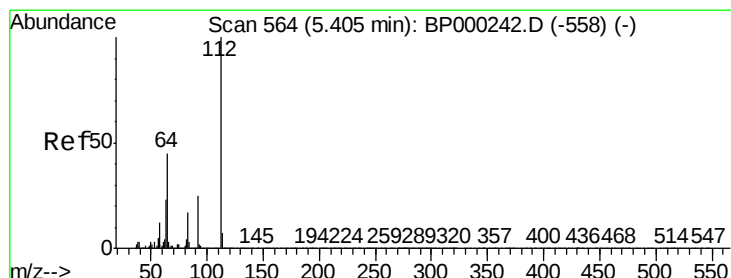
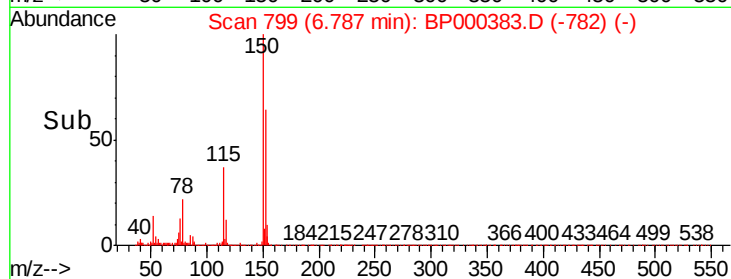
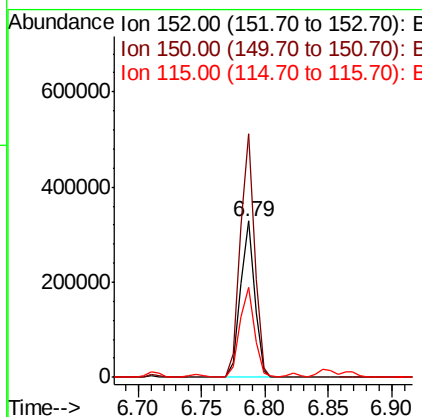
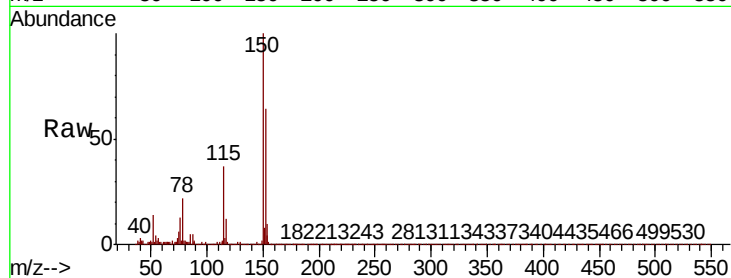


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000383.D
Acq: 24 Sep 2019 14:58

Instrument :
BNA_P
ClientSampleId :

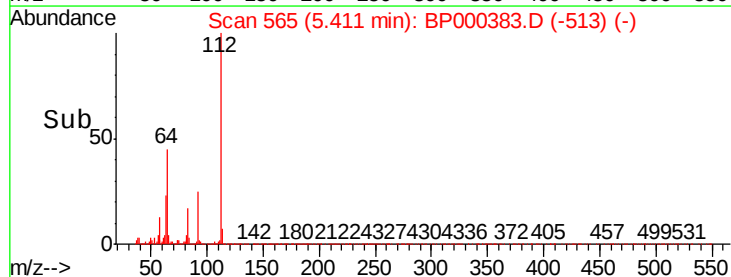
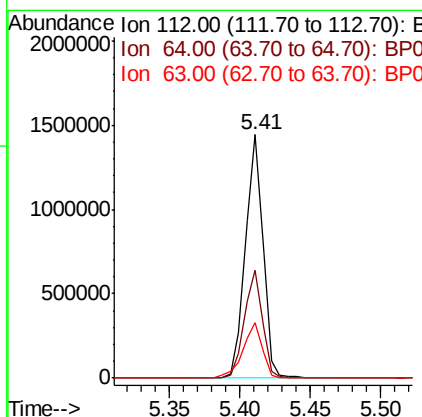
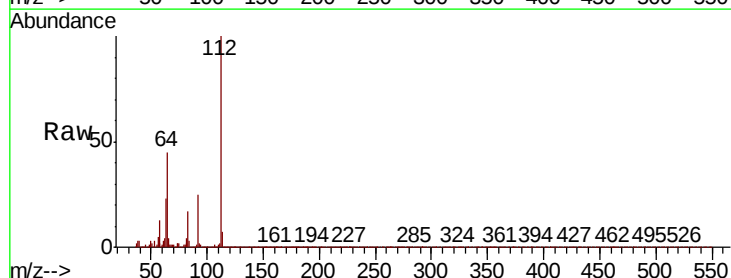
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.2	187.8
115	58.0	49.7	74.5

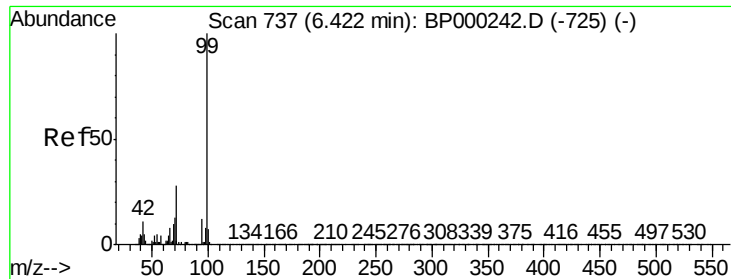


#5

2-Fluorophenol
Concen: 86.472 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000383.D
Acq: 24 Sep 2019 14:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.6	36.2	54.4
63	23.0	18.3	27.5





#7

Phenol-d6

Concen: 62.247 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BP000383.D

Acq: 24 Sep 2019 14:58

Instrument :

BNA_P

ClientSampleId :

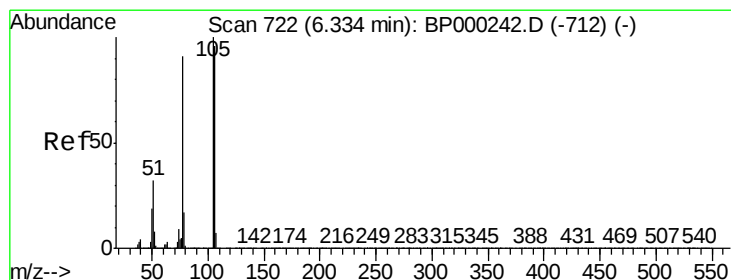
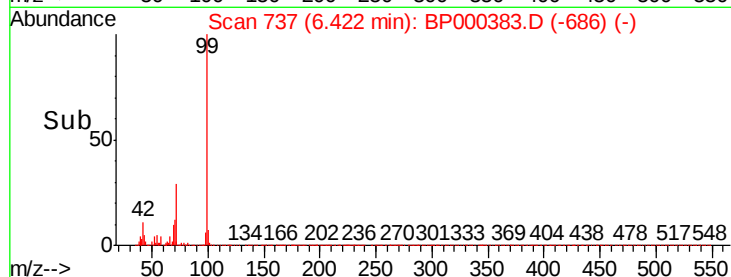
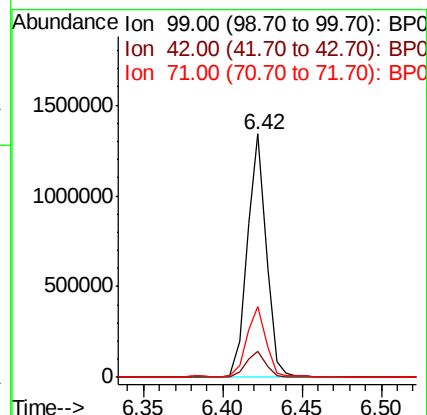
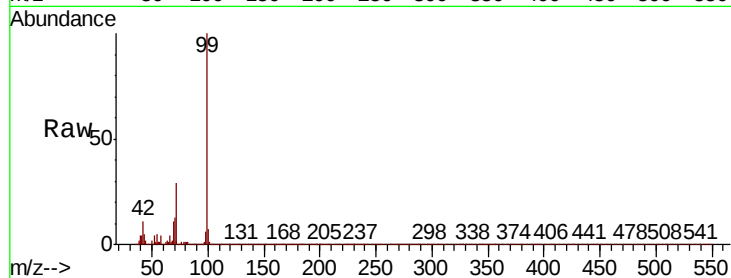
Tot Ion: 99 Resp: 1109223

Ion Ratio Lower Upper

99 100

42 10.9 8.5 12.7

71 29.0 22.6 34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BP000383.D

Acq: 24 Sep 2019 14:58

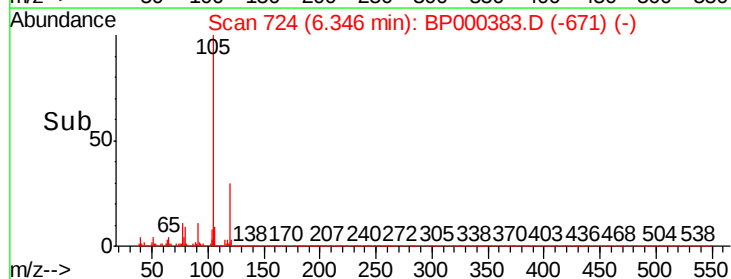
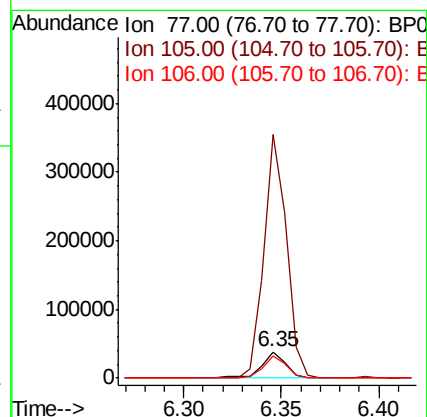
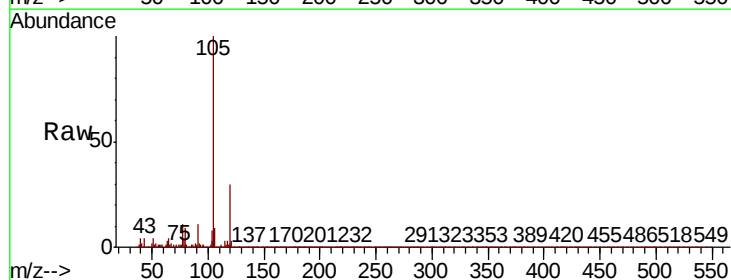
Tgt Ion: 77 Resp: 31598

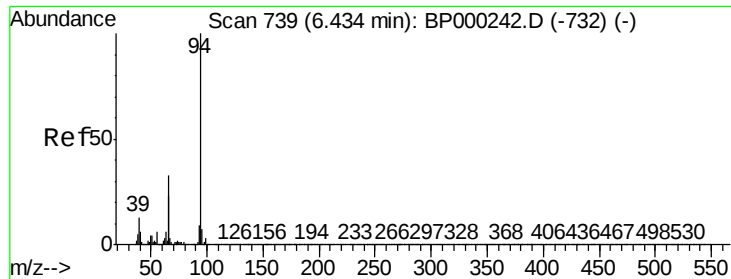
Ion Ratio Lower Upper

77 100

105 916.7 89.6 129.6#

106 83.0 84.6 124.6#





#10

Phenol

Concen: 2.816 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BP000383.D

Acq: 24 Sep 2019 14:58

Instrument :

BNA_P

ClientSampleId :

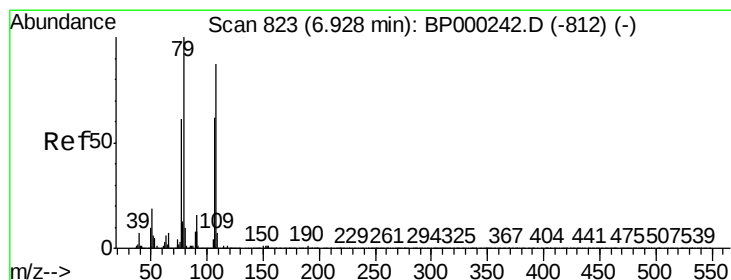
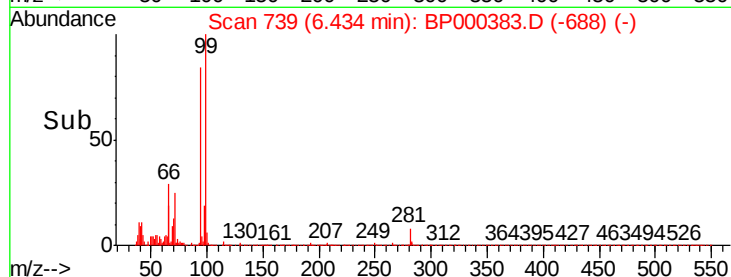
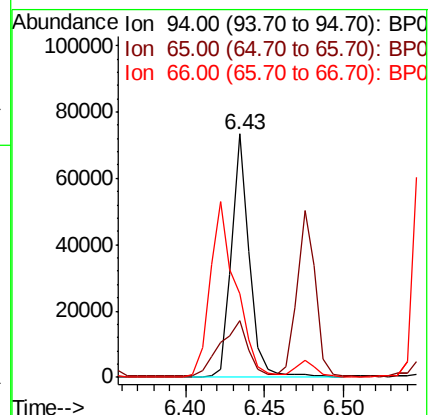
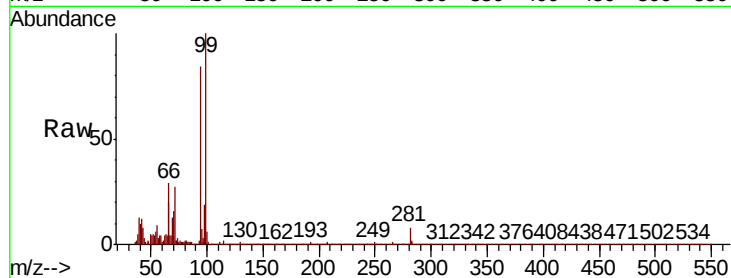
Tot Ion: 94 Resp: 57003

Ion Ratio Lower Upper

94 100

65 23.4 3.3 43.3

66 34.2 12.7 52.7



#15

Benzyl Alcohol

Concen: 2.009 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.02 min

Lab File: BP000383.D

Acq: 24 Sep 2019 14:58

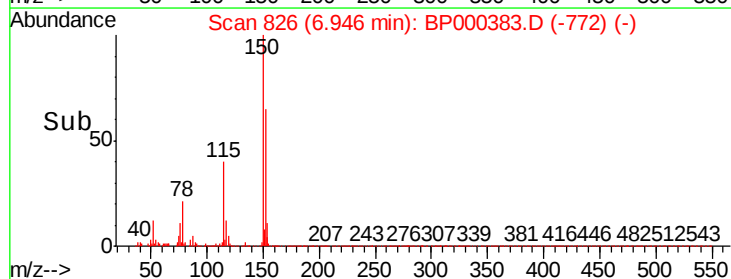
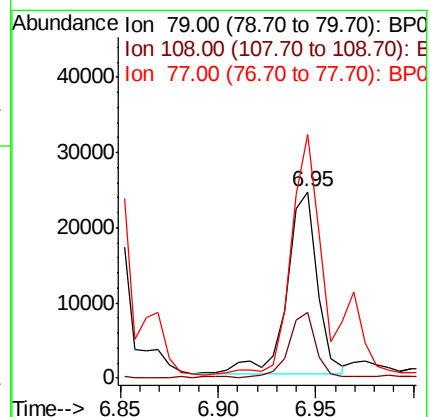
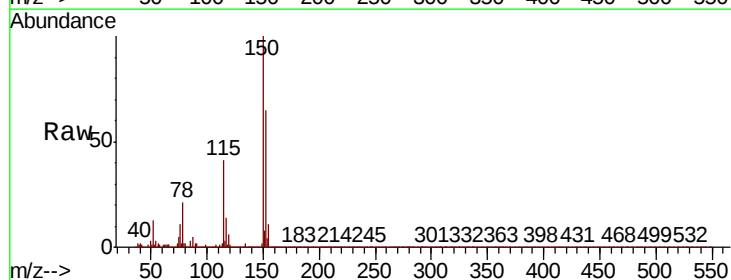
Tgt Ion: 79 Resp: 26051

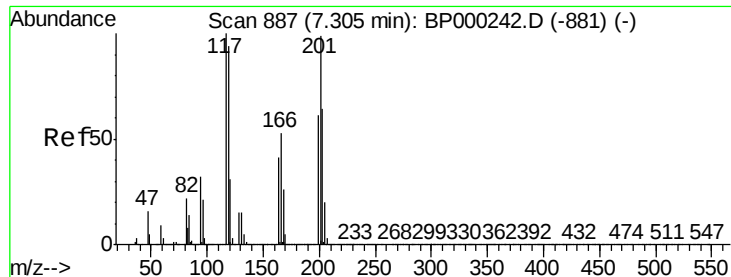
Ion Ratio Lower Upper

79 100

108 35.3 69.2 103.8#

77 130.6 48.7 73.1#

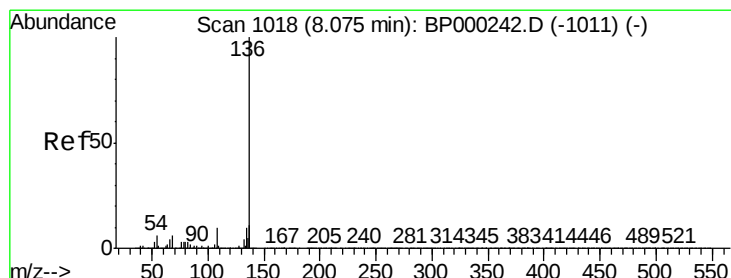
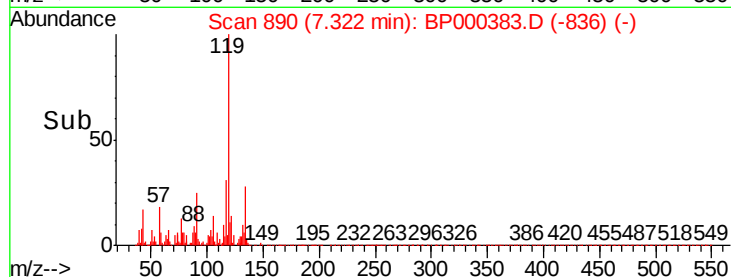
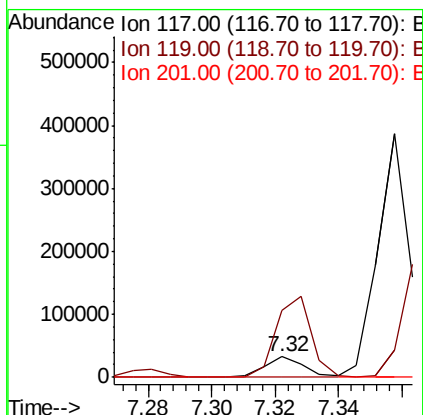
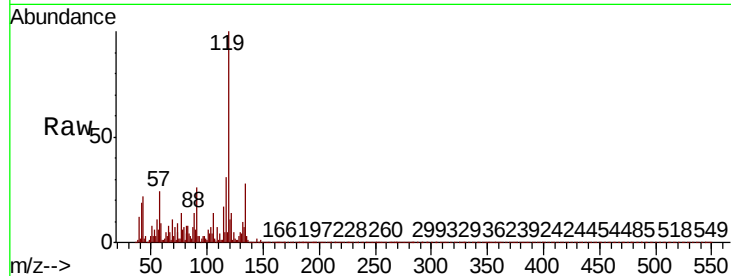




#18
Hexachloroethane
Concen: 4.018 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.02 min
Lab File: BP000383.D
Acq: 24 Sep 2019 14:58

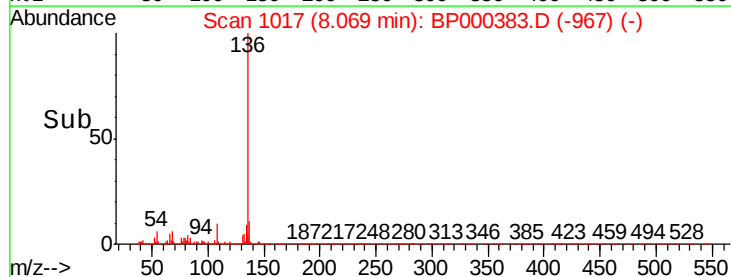
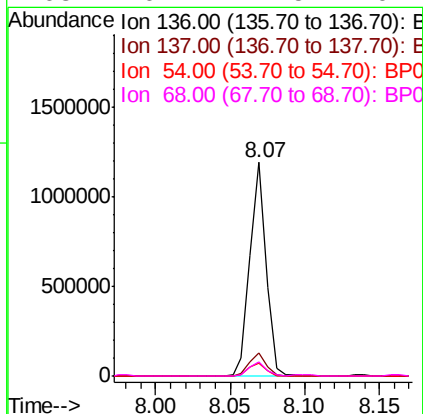
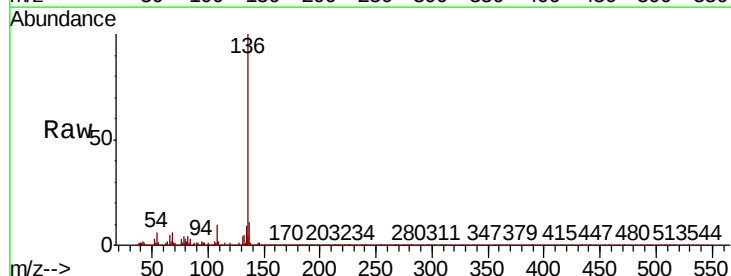
Instrument :
BNA_P
ClientSampleId :

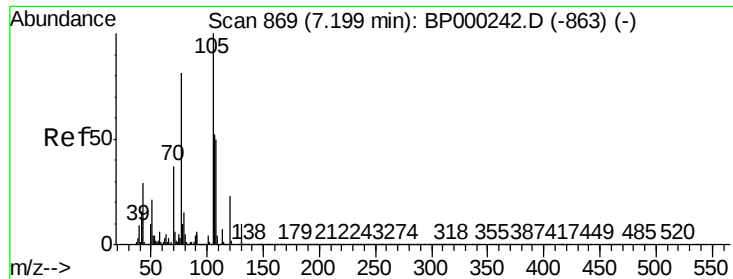
Tot Ion:117 Resp: 27790
Ion Ratio Lower Upper
117 100
119 320.5 75.6 113.4#
201 0.0 79.4 119.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000383.D
Acq: 24 Sep 2019 14:58

Tgt Ion:136 Resp: 887177
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.1 4.5 6.7
68 6.4 4.5 6.7





#22

Acetophenone

Concen: 22.248 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.02 min

Lab File: BP000383.D

Acq: 24 Sep 2019 14:58

Instrument :

BNA_P

ClientSampleId :

Tot Ion:105 Resp: 427744

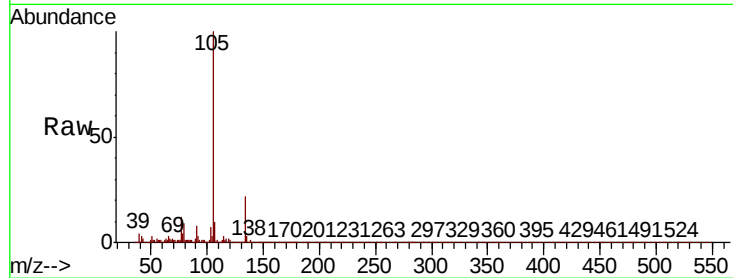
Ion Ratio Lower Upper

105 100

71 0.6 5.2 7.8#

51 3.1 16.6 24.8#

120 0.6 18.5 27.7#

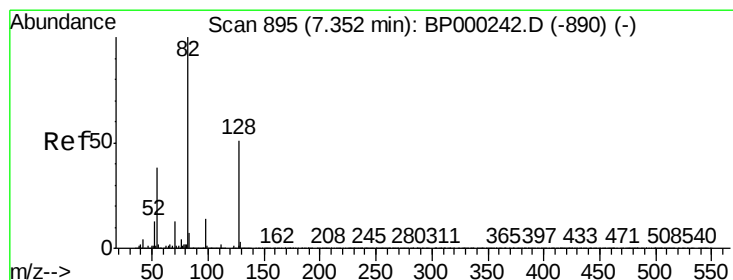
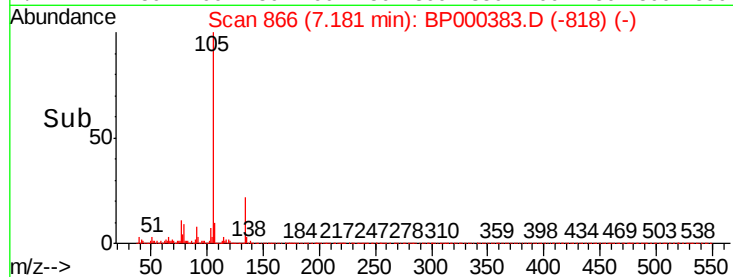
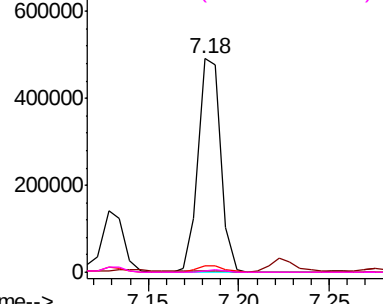


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 94.161 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BP000383.D

Acq: 24 Sep 2019 14:58

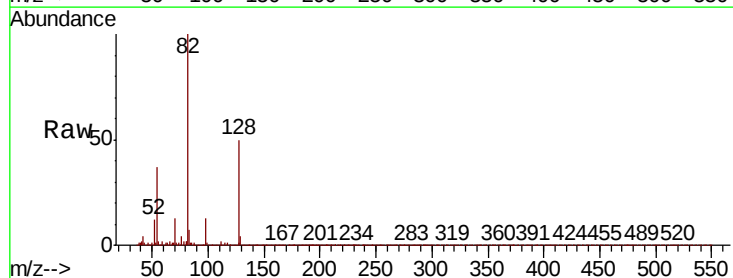
Tgt Ion: 82 Resp: 1294770

Ion Ratio Lower Upper

82 100

128 49.6 40.7 61.1

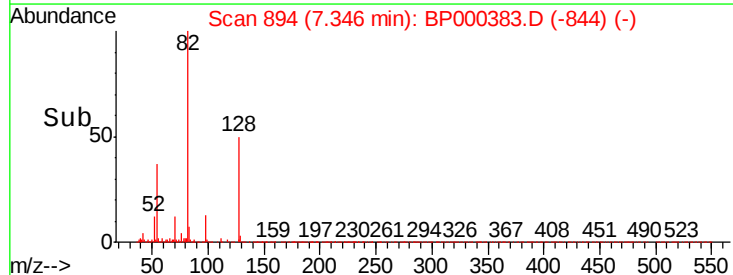
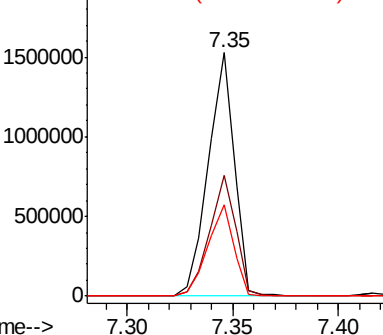
54 37.3 30.1 45.1

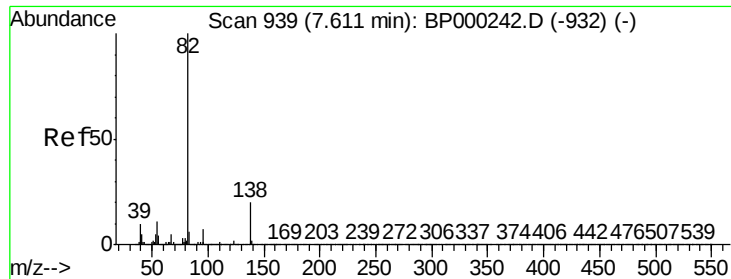


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0





#25

Isophorone

Concen: 47.553 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000383.D

Acq: 24 Sep 2019 14:58

Instrument :

BNA_P

ClientSampleId :

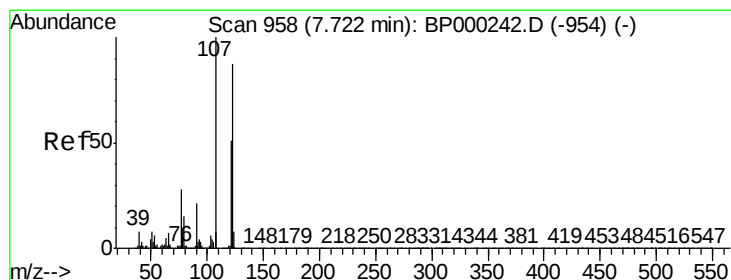
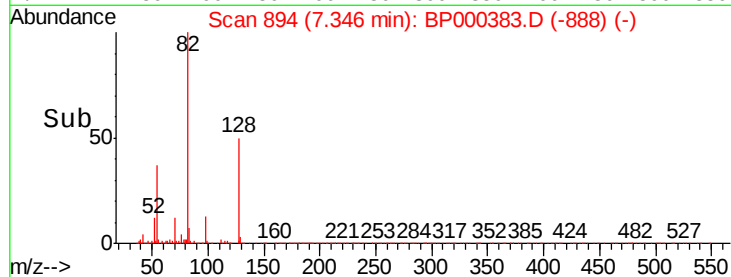
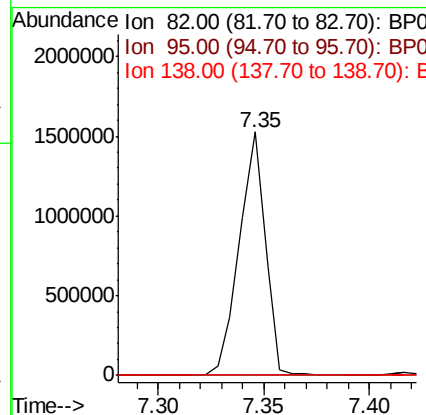
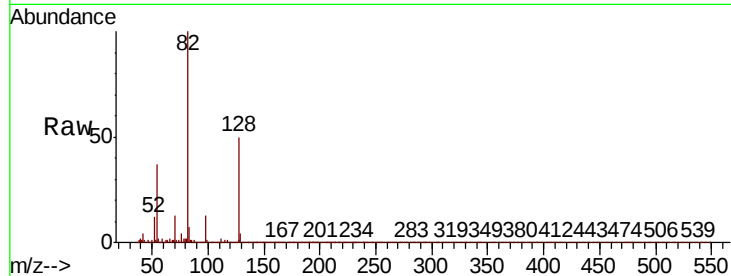
Tot Ion: 82 Resp: 1294770

Ion Ratio Lower Upper

82 100

95 0.1 5.9 8.9#

138 0.0 15.9 23.9#



#27

2,4-Dimethylphenol

Concen: 15.064 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.02 min

Lab File: BP000383.D

Acq: 24 Sep 2019 14:58

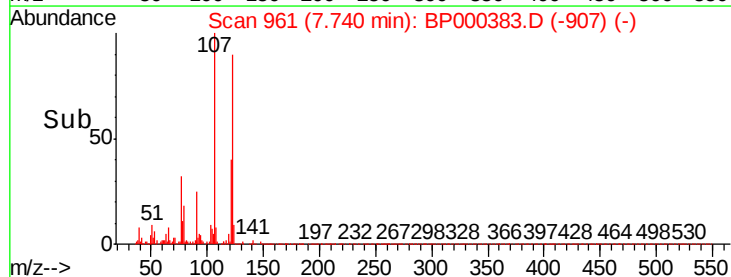
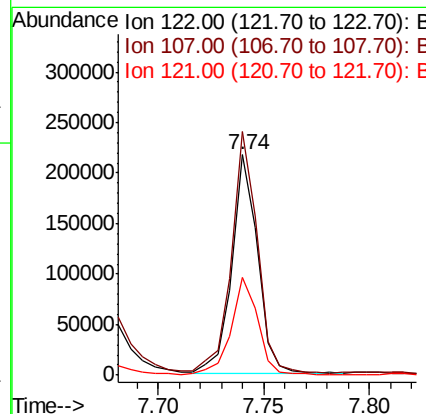
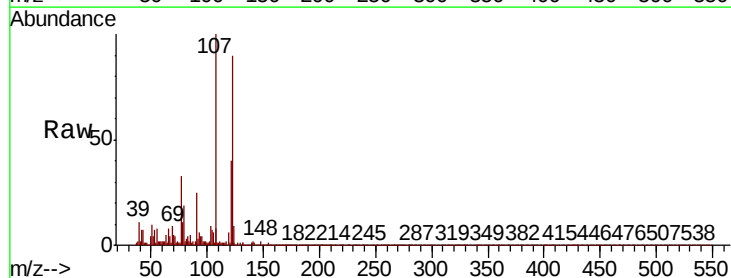
Tgt Ion: 122 Resp: 181683

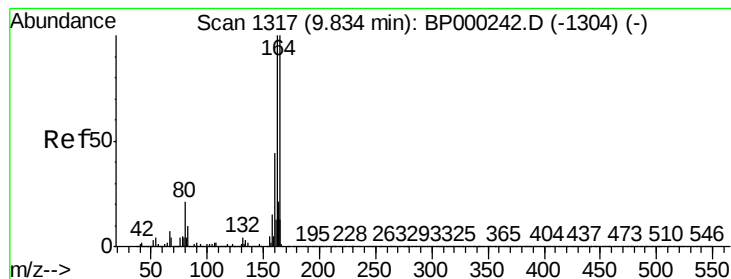
Ion Ratio Lower Upper

122 100

107 110.5 91.5 137.3

121 44.1 46.9 70.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BP000383.D

Acq: 24 Sep 2019 14:58

Instrument :

BNA_P

ClientSampleId :

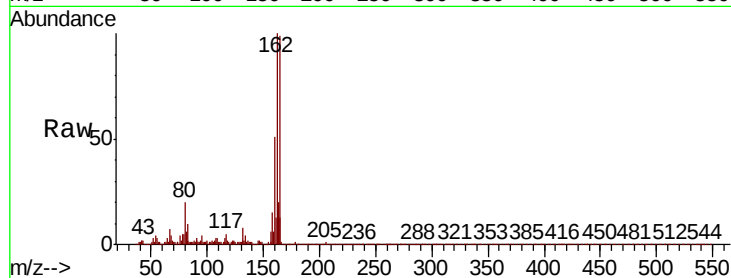
Tot Ion:164 Resp: 493501

Ion Ratio Lower Upper

164 100

162 101.1 79.9 119.9

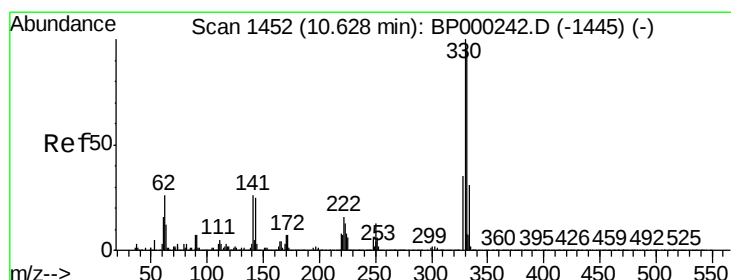
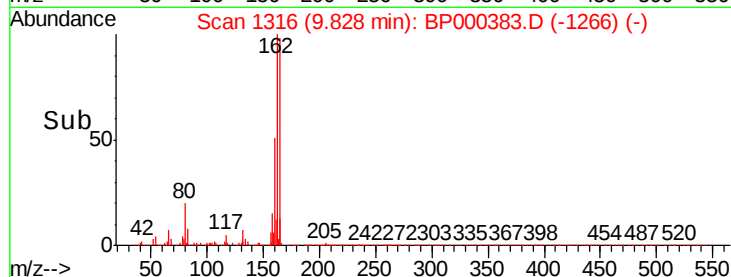
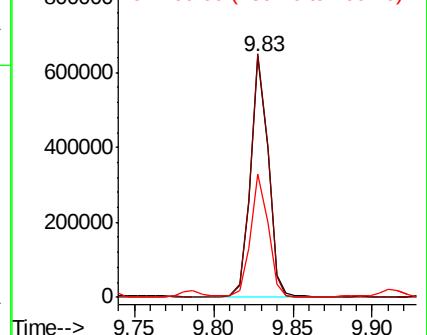
160 51.2 35.6 53.4



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: 149.800 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BP000383.D

Acq: 24 Sep 2019 14:58

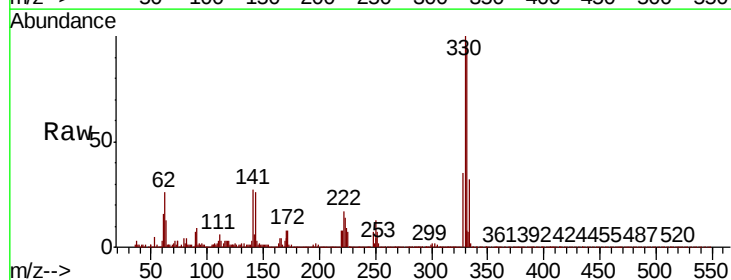
Tgt Ion:330 Resp: 733253

Ion Ratio Lower Upper

330 100

332 95.7 76.6 115.0

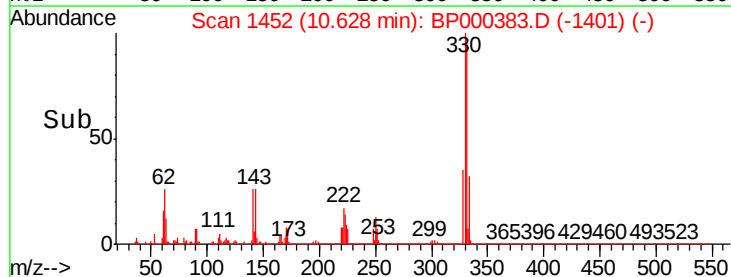
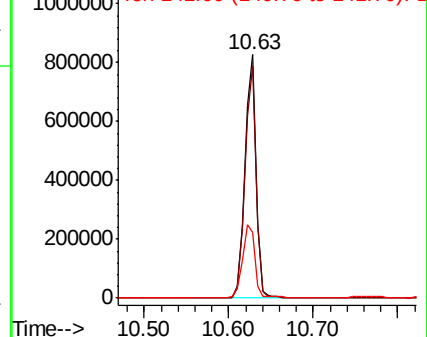
141 32.2 26.5 39.7

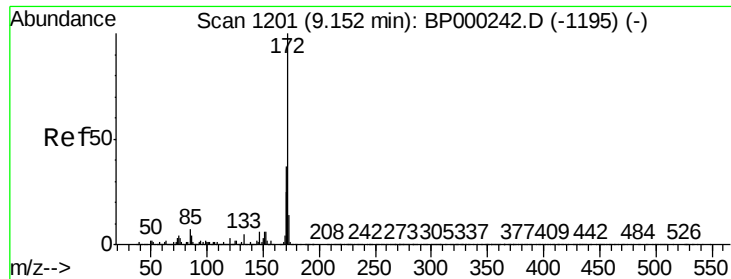


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

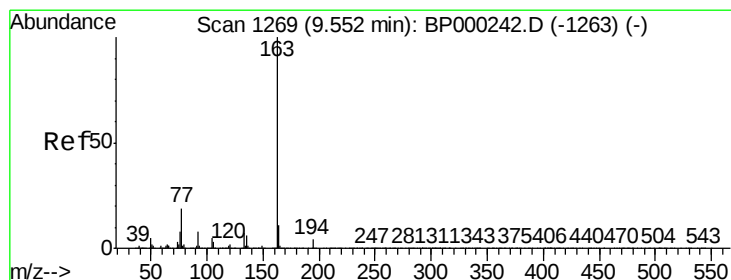
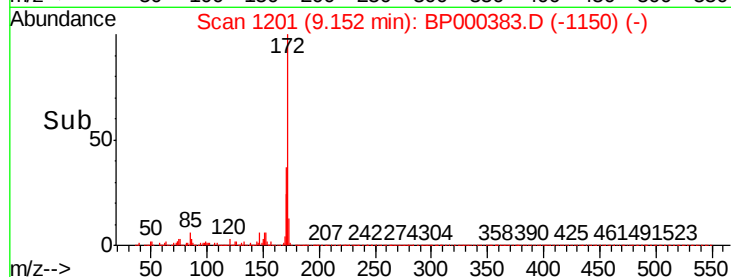
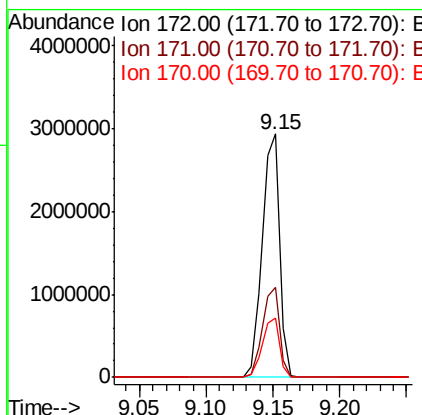
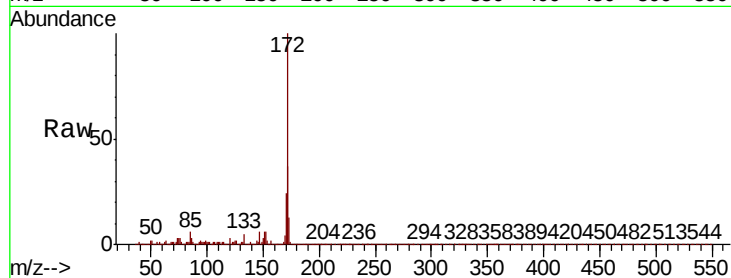




#45
2-Fluorobiphenyl
Concen: 94.920 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000383.D
Acq: 24 Sep 2019 14:58

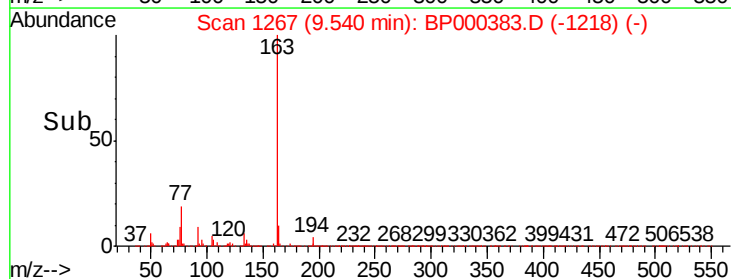
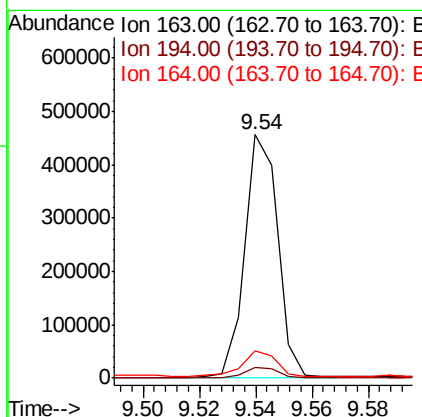
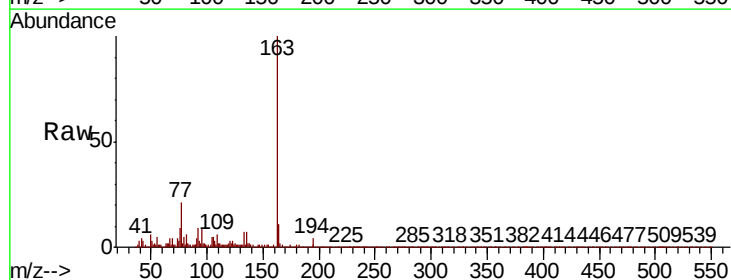
Instrument :
BNA_P
ClientSampleId :

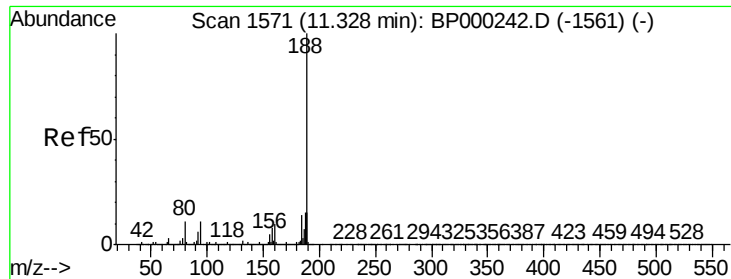
Tot Ion:172 Resp: 2602661
Ion Ratio Lower Upper
172 100
171 36.7 29.8 44.6
170 24.4 19.8 29.6



#50
Dimethylphthalate
Concen: 10.949 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP000383.D
Acq: 24 Sep 2019 14:58

Tgt Ion:163 Resp: 368141
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 11.2 8.5 12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BP000383.D

Acq: 24 Sep 2019 14:58

Instrument :

BNA_P

ClientSampleId :

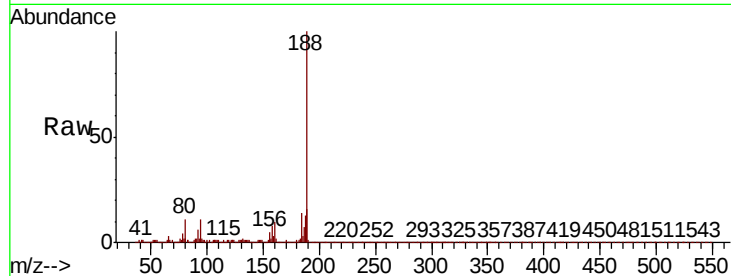
Tot Ion:188 Resp: 895042

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

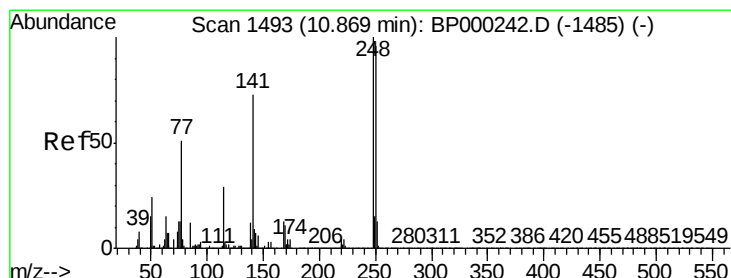
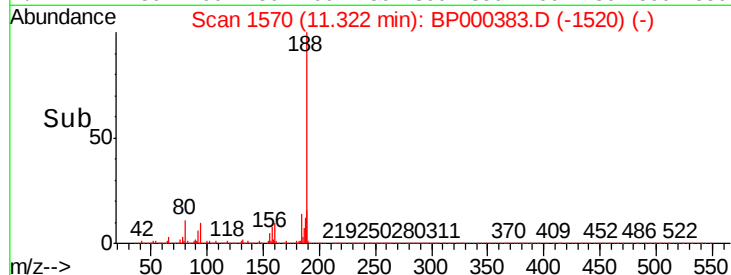
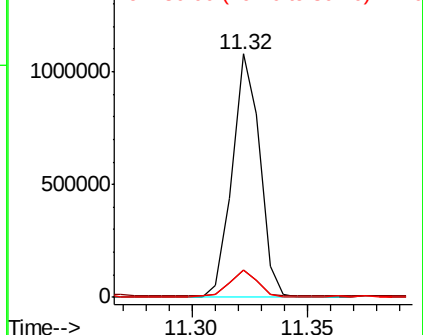
80 11.1 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



#67

4-Bromophenyl-phenylether

Concen: 5.041 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BP000383.D

Acq: 24 Sep 2019 14:58

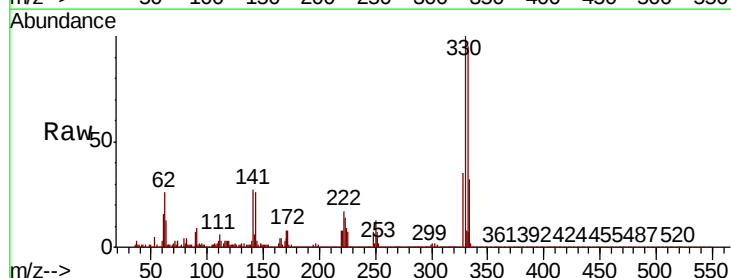
Tgt Ion:248 Resp: 51022

Ion Ratio Lower Upper

248 100

250 201.4 77.0 115.4#

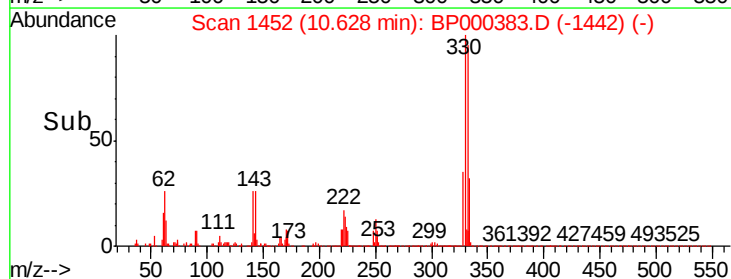
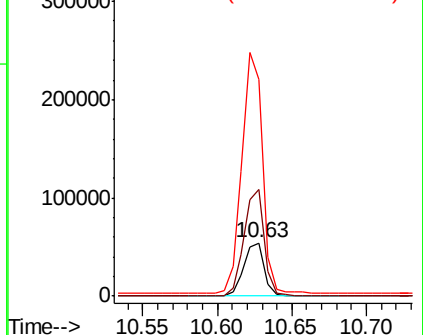
141 410.4 58.5 87.7#

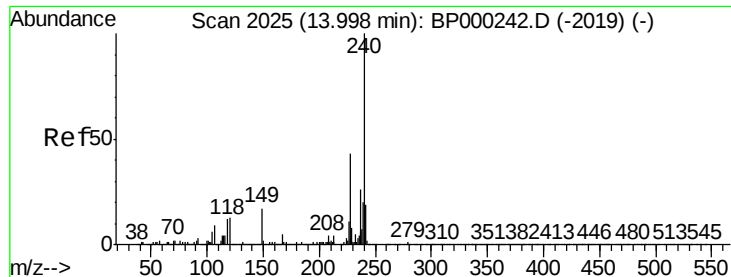


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BP000383.D

Acq: 24 Sep 2019 14:58

Instrument :

BNA_P

ClientSampled :

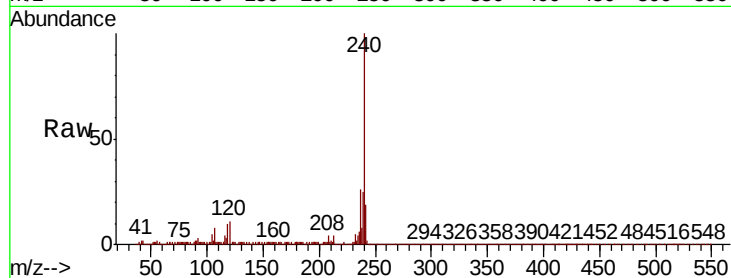
Tot Ion:240 Resp: 788771

Ion Ratio Lower Upper

240 100

120 10.9 10.4 15.6

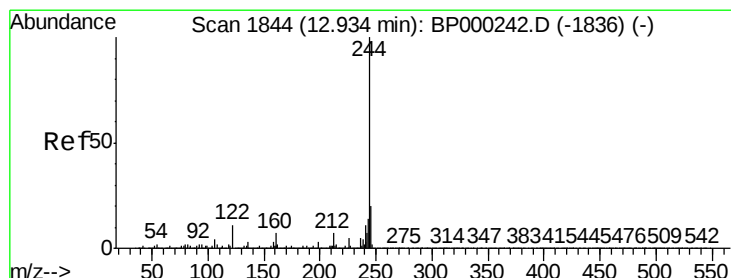
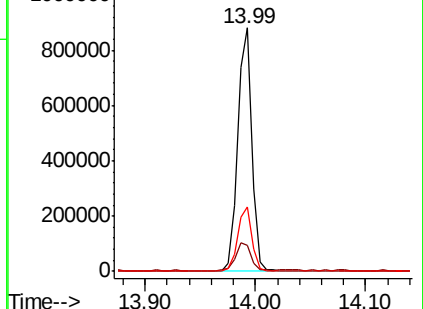
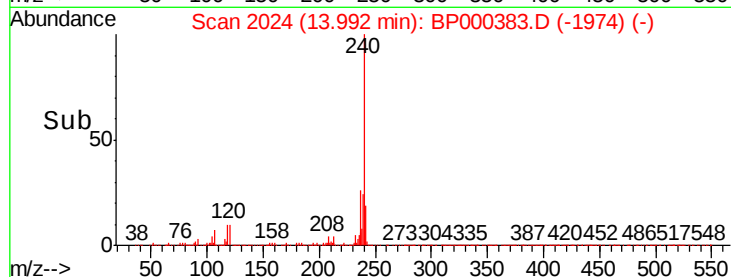
236 26.2 21.0 31.6



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: 88.187 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000383.D

Acq: 24 Sep 2019 14:58

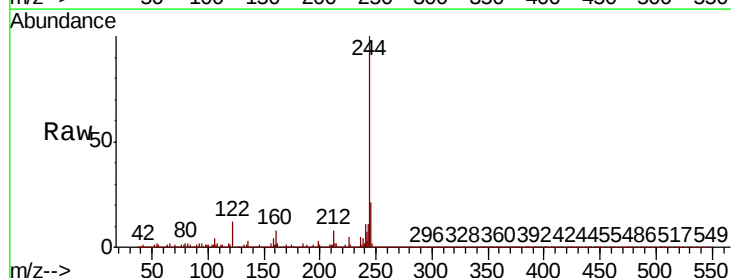
Tgt Ion:244 Resp: 3315757

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

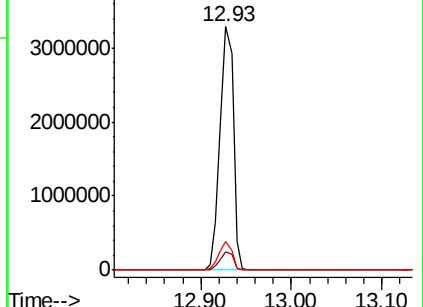
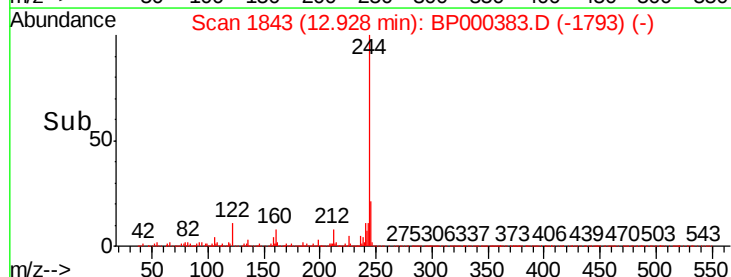
122 11.5 9.0 13.4

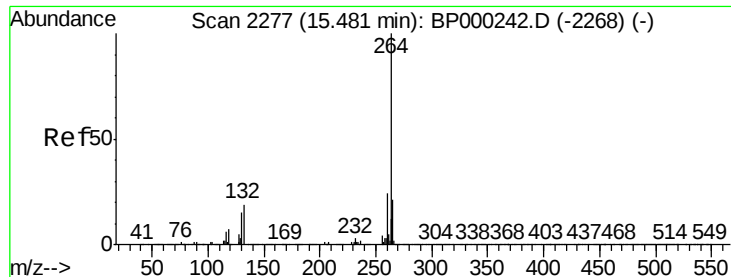


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

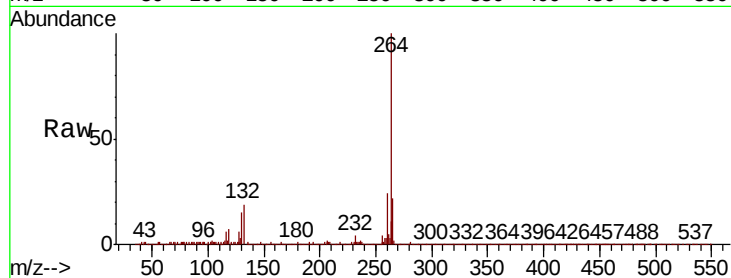




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BP000383.D
Acq: 24 Sep 2019 14:58

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	21.7	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

