

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
 Data File : BP000384.D
 Acq On : 24 Sep 2019 15:22
 Operator : JU
 Sample : K4978-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 Z2-0163

Quant Time: Sep 24 17:00:17 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	246752	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	869506	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	489790	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	886795	20.00	ng	0.00
76) Chrysene-d12	13.99	240	790905	20.00	ng	-0.01
87) Perylene-d12	15.47	264	875956	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	1246928	87.24	ng	0.00
7) Phenol-d6	6.42	99	1087513	62.07	ng	0.00
23) Nitrobenzene-d5	7.35	82	1299832	96.45	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	730076	150.28	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2593487	95.30	ng	0.00
79) Terphenyl-d14	12.93	244	3329364	88.31	ng	0.00

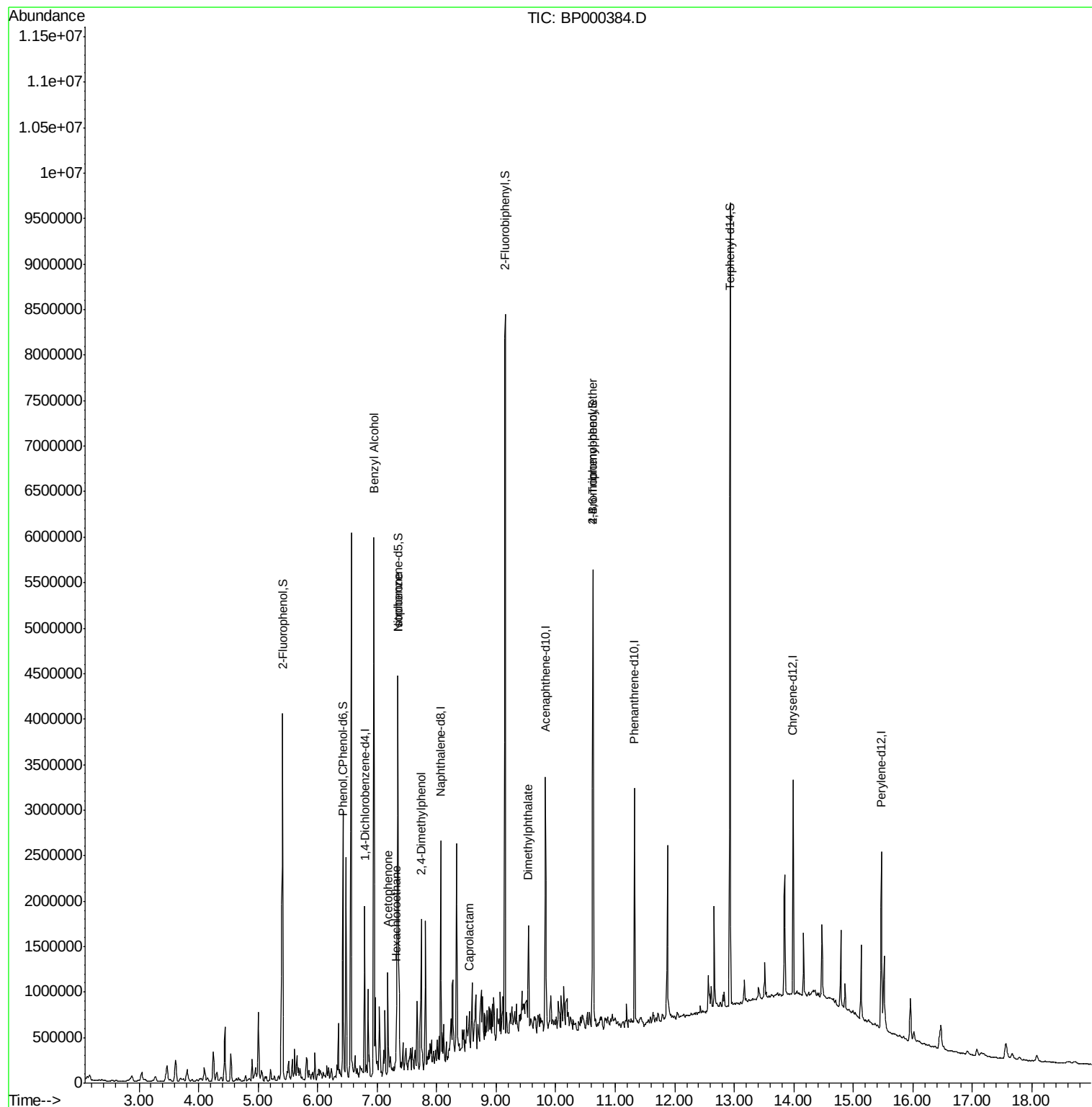
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.35	77	22831	Below Cal		# 1
10) Phenol	6.43	94	62666	3.148	ng	89
15) Benzyl Alcohol	6.95	79	28196	2.211	ng	# 28
18) Hexachloroethane	7.32	117	16915	2.487	ng	# 1
22) Acetophenone	7.18	105	417482	22.156	ng	# 61
25) Isophorone	7.35	82	1299832	48.709	ng	# 63
27) 2,4-Dimethylphenol	7.74	122	252367	21.350	ng	# 91
35) Caprolactam	8.53	113	11636	2.700	ng	# 1
50) Dimethylphthalate	9.55	163	451563	13.532	ng	99
67) 4-Bromophenyl-phenylether	10.63	248	50284	5.014	ng	# 1
69) Atrazine	11.04	200	426	Below Cal		# 1

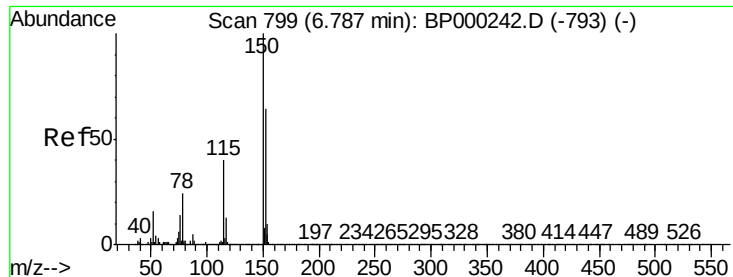
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
Data File : BP000384.D
Acq On : 24 Sep 2019 15:22
Operator : JU
Sample : K4978-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
Z2-0163

Quant Time: Sep 24 17:00:17 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



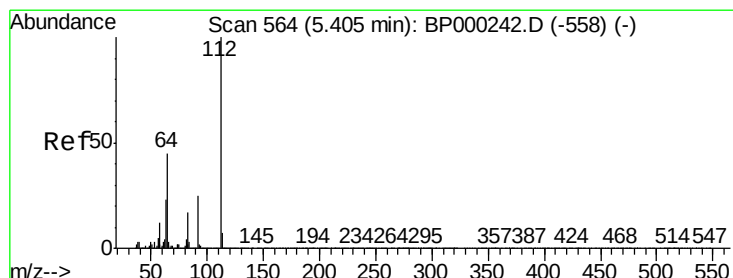
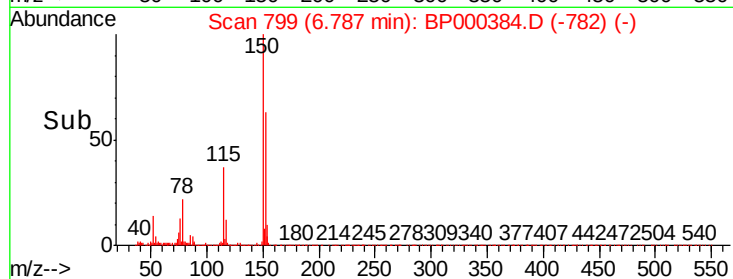
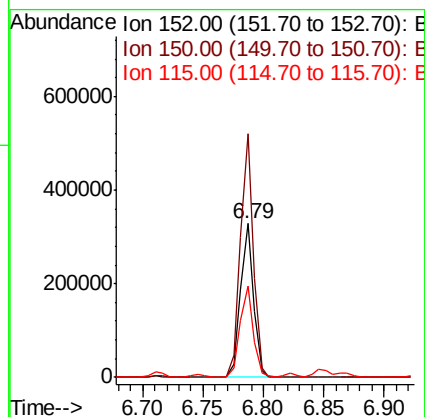
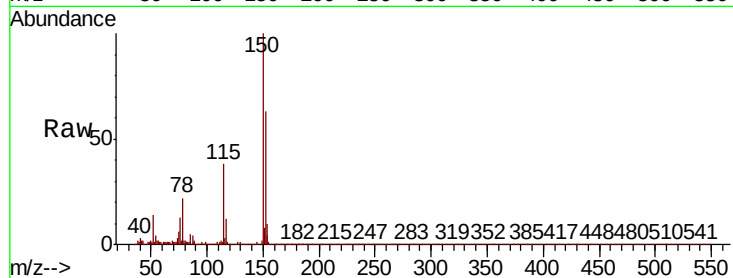


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000384.D
Acq: 24 Sep 2019 15:22

Instrument :
BNA_P
ClientSampleId :
Z2-0163

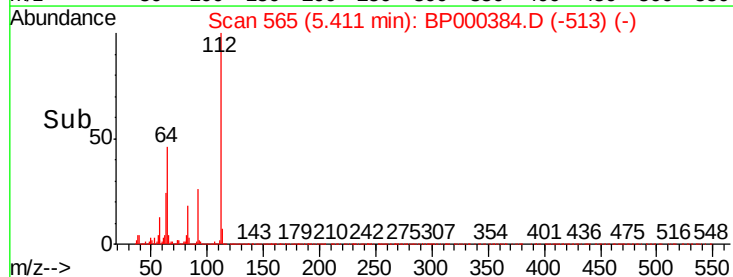
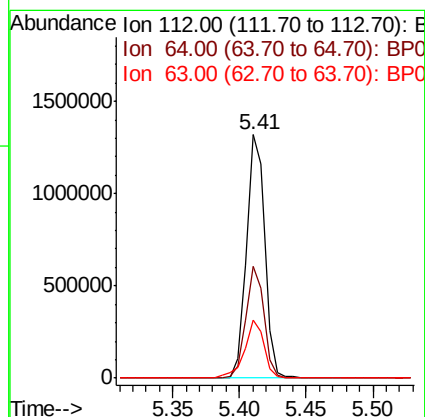
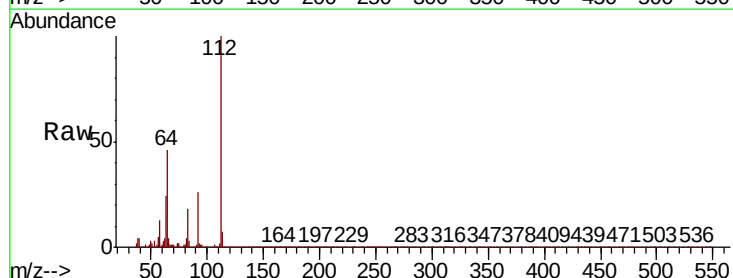
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	125.2	187.8
115	59.4	49.7	74.5

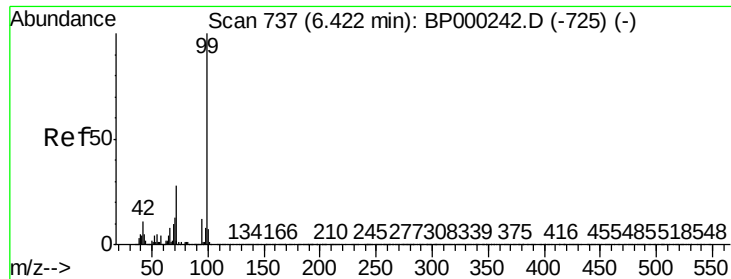


#5

2-Fluorophenol
Concen: 87.239 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000384.D
Acq: 24 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.2	36.2	54.4
63	23.7	18.3	27.5





#7

Phenol-d6

Concen: 62.071 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BP000384.D

Acq: 24 Sep 2019 15:22

Instrument :

BNA_P

ClientSampleId :

Z2-0163

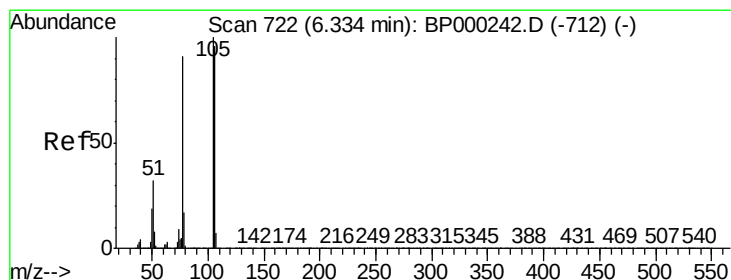
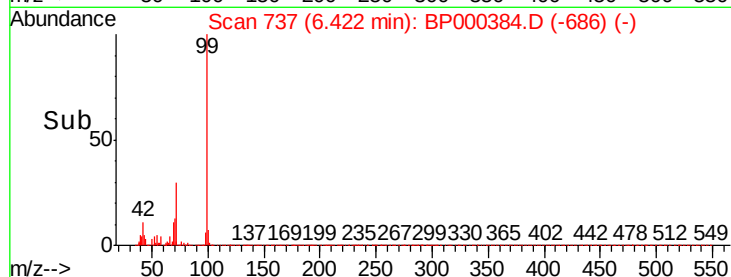
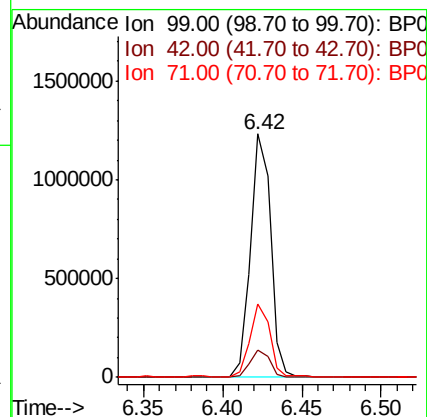
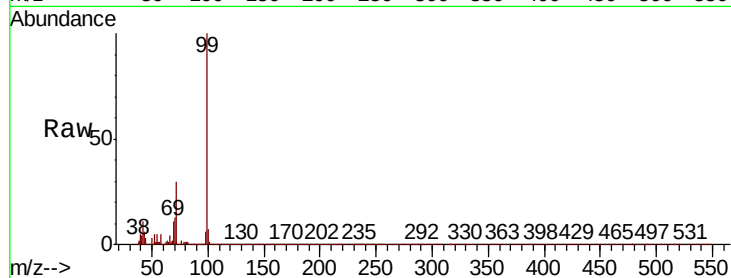
Tot Ion: 99 Resp: 1087513

Ion	Ratio	Lower	Upper
99	100		
42	11.5	8.5	12.7
71	30.1	22.6	34.0

99 100

42 11.5 8.5 12.7

71 30.1 22.6 34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BP000384.D

Acq: 24 Sep 2019 15:22

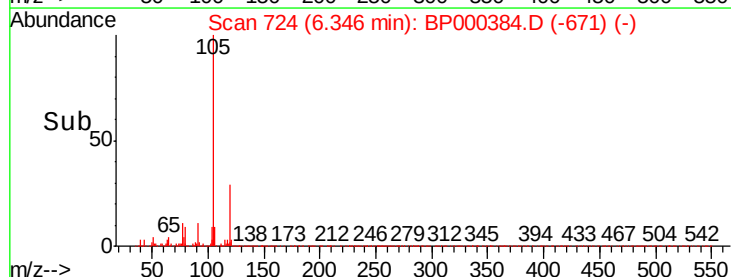
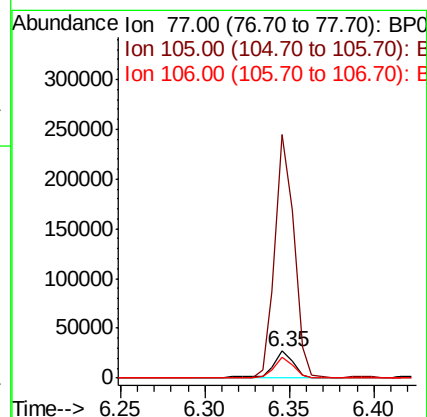
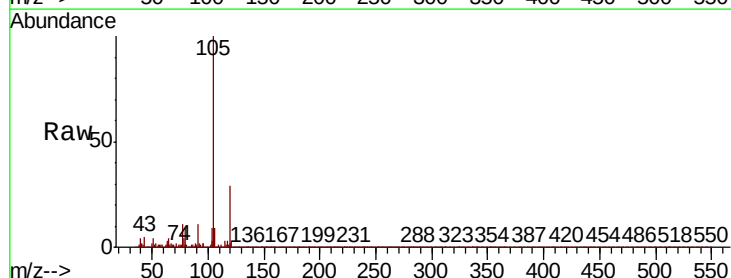
Tgt Ion: 77 Resp: 22831

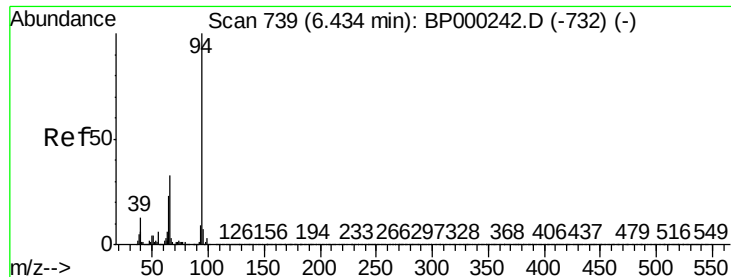
Ion	Ratio	Lower	Upper
77	100		
105	901.4	89.6	129.6#
106	78.9	84.6	124.6#

77 100

105 901.4 89.6 129.6#

106 78.9 84.6 124.6#





#10

Phenol

Concen: 3.148 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BP000384.D

Acq: 24 Sep 2019 15:22

Instrument :

BNA_P

ClientSampleId :

Z2-0163

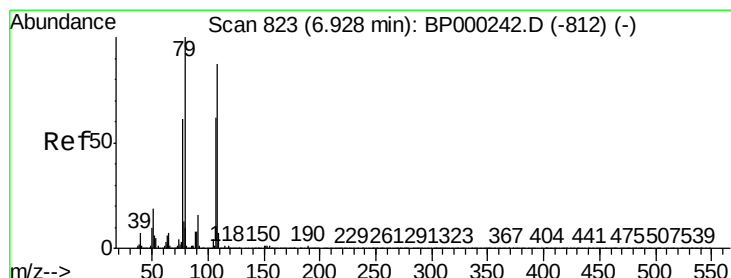
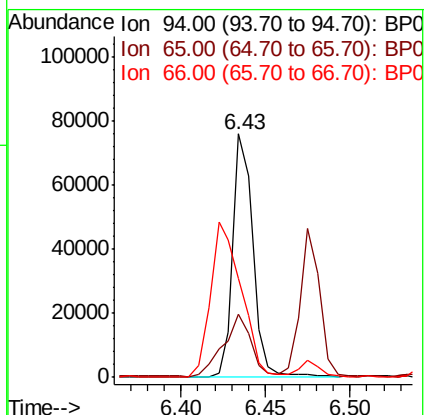
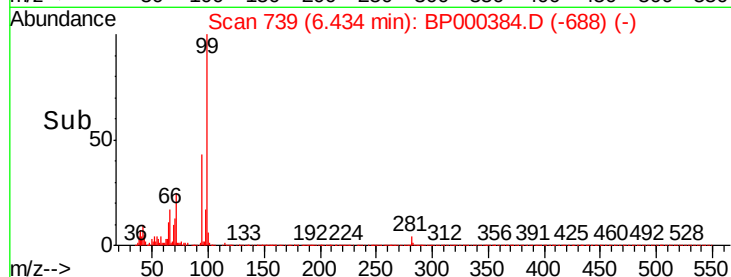
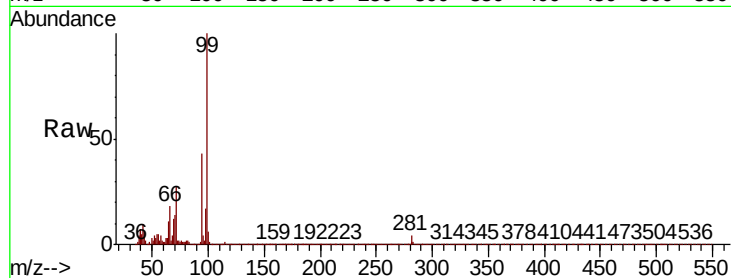
Tot Ion: 94 Resp: 62666

Ion Ratio Lower Upper

94 100

65 25.7 3.3 43.3

66 40.9 12.7 52.7



#15

Benzyl Alcohol

Concen: 2.211 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.02 min

Lab File: BP000384.D

Acq: 24 Sep 2019 15:22

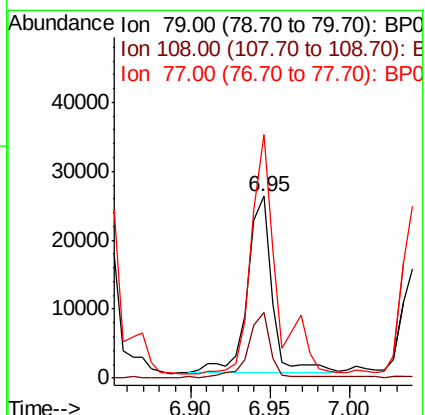
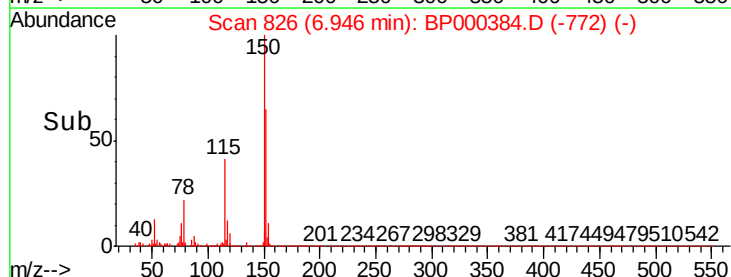
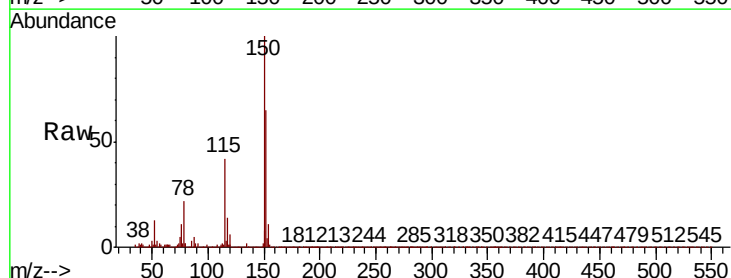
Tgt Ion: 79 Resp: 28196

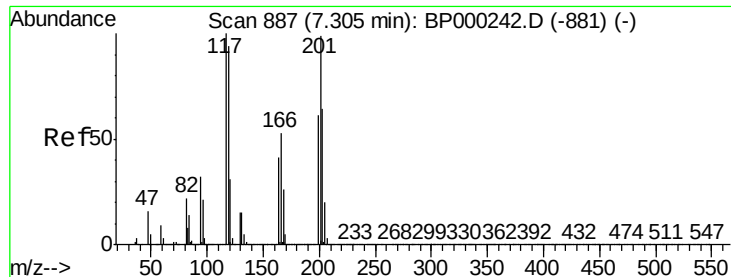
Ion Ratio Lower Upper

79 100

108 36.3 69.2 103.8#

77 134.0 48.7 73.1#





#18

Hexachloroethane

Concen: 2.487 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.02 min

Lab File: BP000384.D

Acq: 24 Sep 2019 15:22

Instrument :

BNA_P

ClientSampleId :

Z2-0163

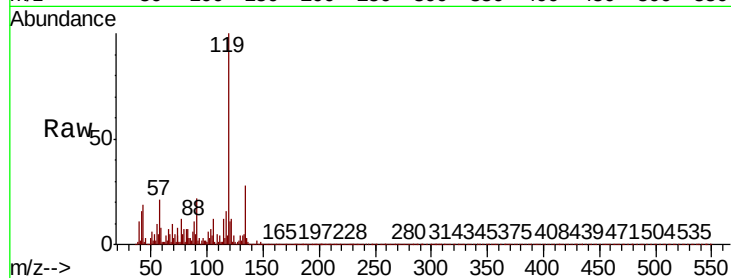
Tot Ion:117 Resp: 16915

Ion Ratio Lower Upper

117 100

119 610.3 75.6 113.4#

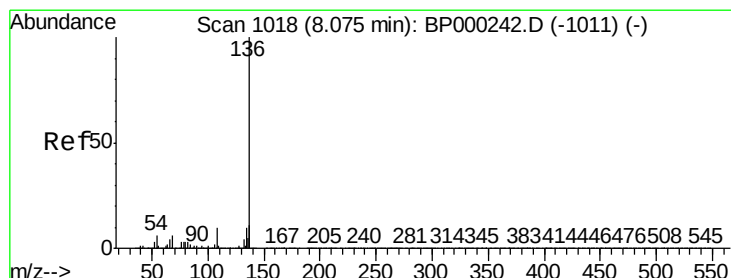
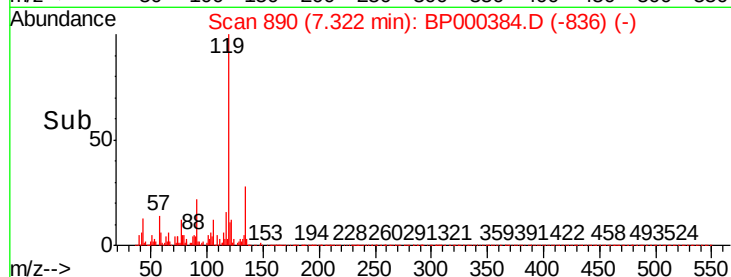
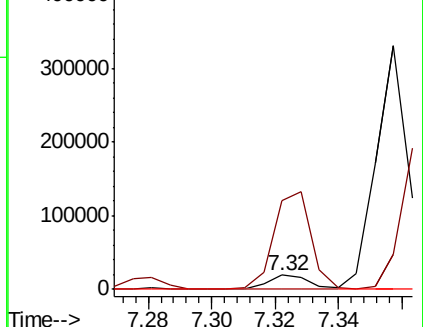
201 0.2 79.4 119.2#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BP000384.D

Acq: 24 Sep 2019 15:22

Tgt Ion:136 Resp: 869506

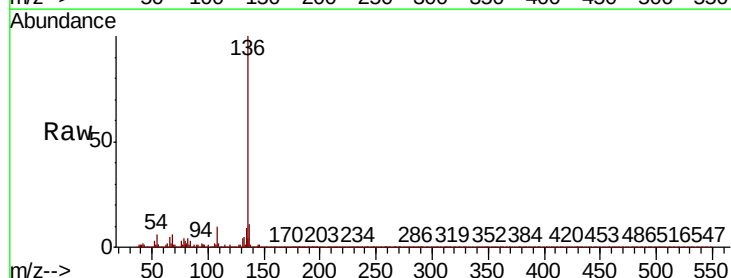
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 6.0 4.5 6.7

68 6.2 4.5 6.7

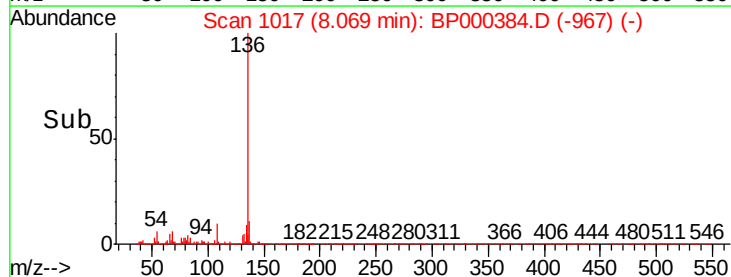
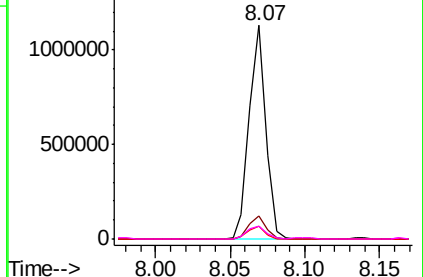


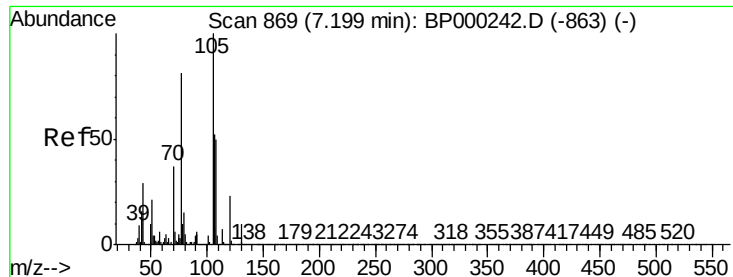
Abundance Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 22.156 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.02 min

Lab File: BP000384.D

Acq: 24 Sep 2019 15:22

Instrument :

BNA_P

ClientSampleId :

Z2-0163

Tot Ion:105 Resp: 417482

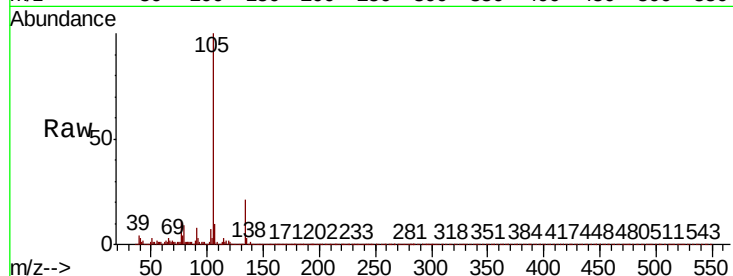
Ion Ratio Lower Upper

105 100

71 0.6 5.2 7.8#

51 3.2 16.6 24.8#

120 0.6 18.5 27.7#

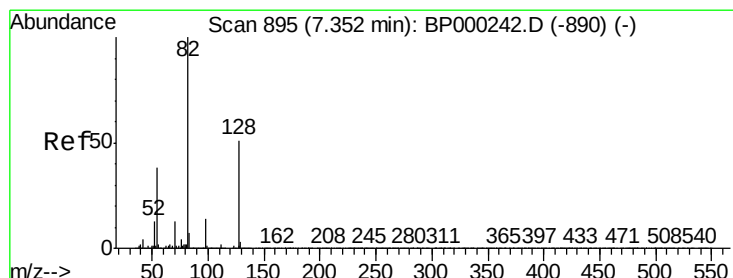
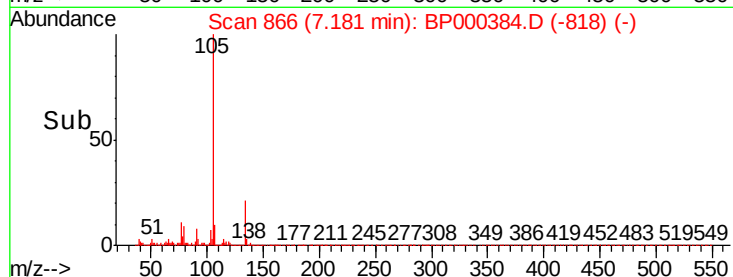
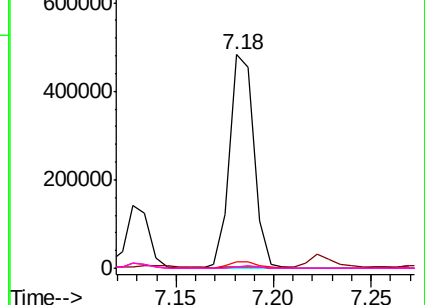


Abundance Ion 105.00 (104.70 to 105.70): E

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: 96.451 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BP000384.D

Acq: 24 Sep 2019 15:22

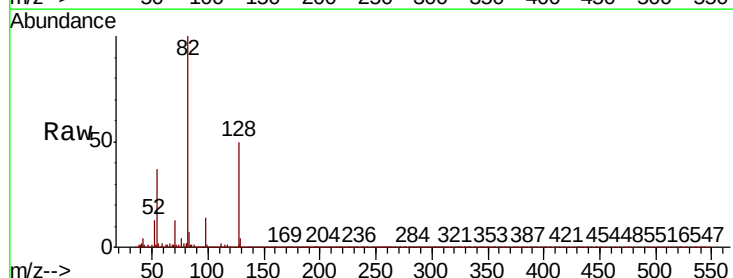
Tgt Ion: 82 Resp: 1299832

Ion Ratio Lower Upper

82 100

128 49.8 40.7 61.1

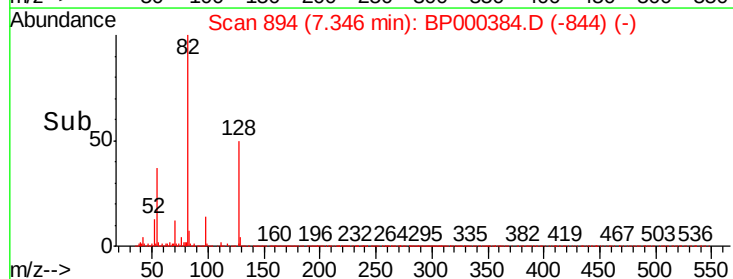
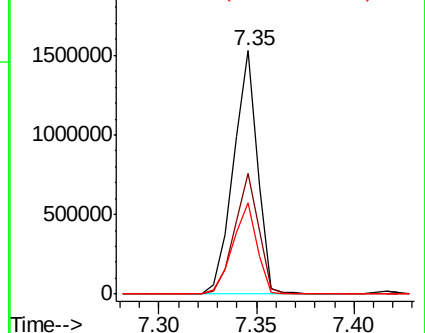
54 37.5 30.1 45.1

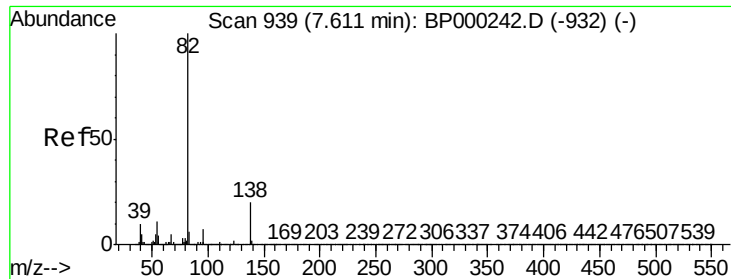


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0





#25

Isophorone

Concen: 48.709 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000384.D

Acq: 24 Sep 2019 15:22

Instrument :

BNA_P

ClientSampleId :

Z2-0163

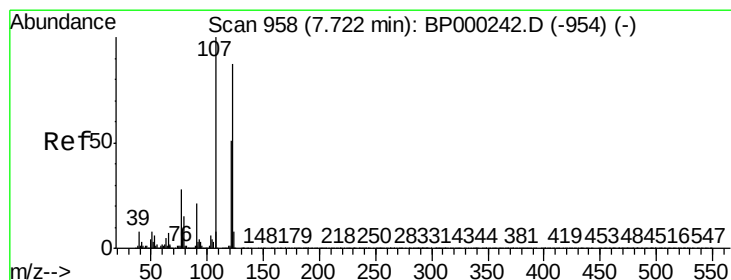
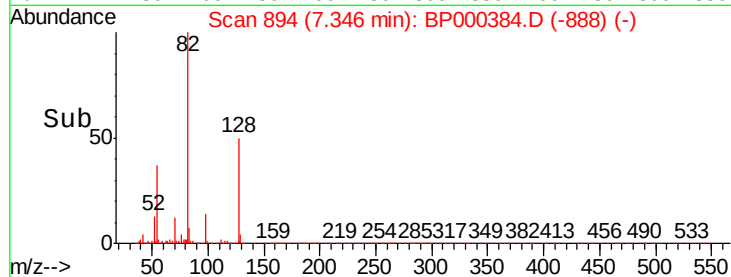
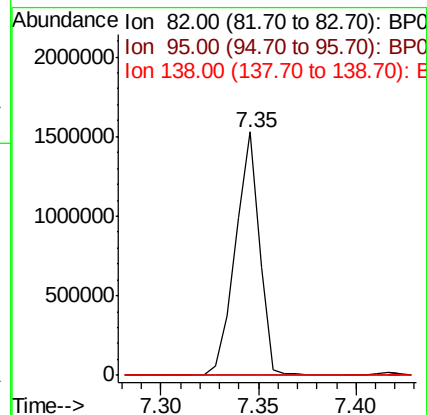
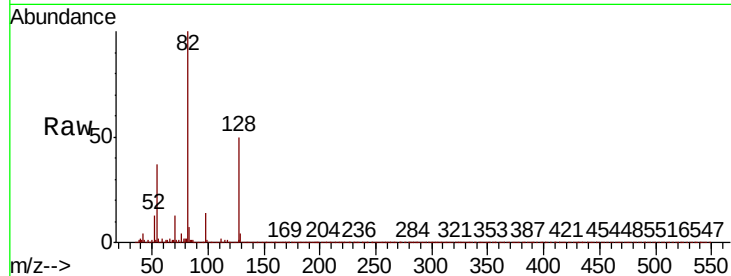
Tot Ion: 82 Resp: 1299832

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: 21.350 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.02 min

Lab File: BP000384.D

Acq: 24 Sep 2019 15:22

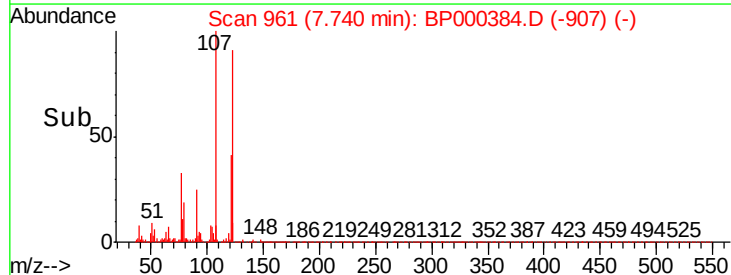
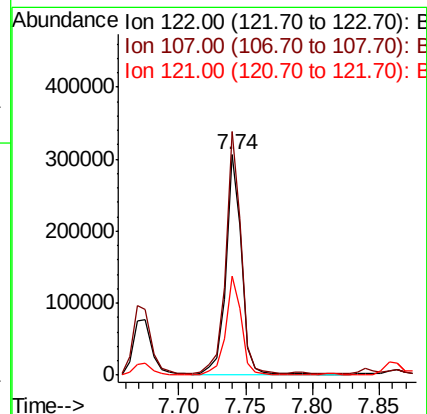
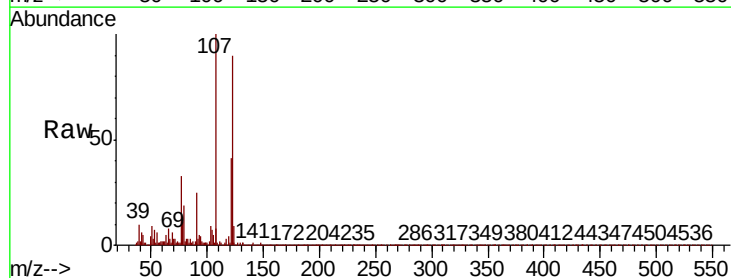
Tgt Ion:122 Resp: 252367

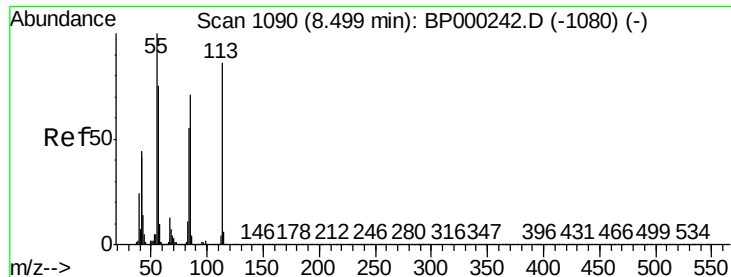
Ion Ratio Lower Upper

122 100

107 110.6 91.5 137.3

121 45.0 46.9 70.3#





#35

Caprolactam

Concen: 2.700 ng

RT: 8.53 min Scan# 1096

Delta R.T. 0.04 min

Lab File: BP000384.D

Acq: 24 Sep 2019 15:22

Instrument :

BNA_P

ClientSampleId :

Z2-0163

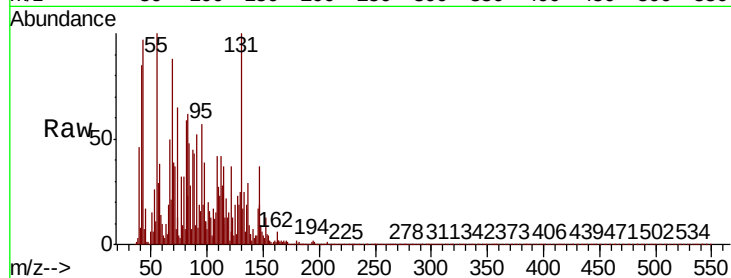
Tot Ion:113 Resp: 11636

Ion Ratio Lower Upper

113 100

55 358.7 96.8 136.8#

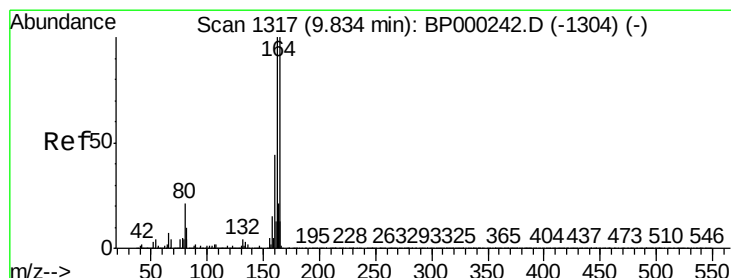
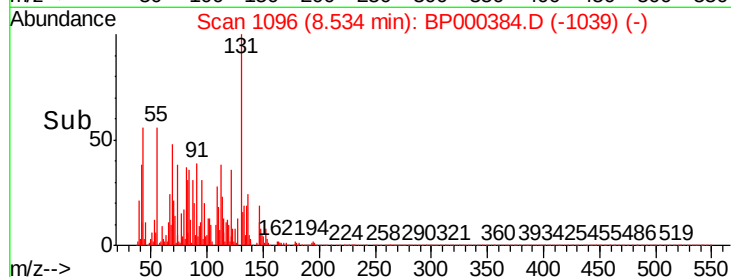
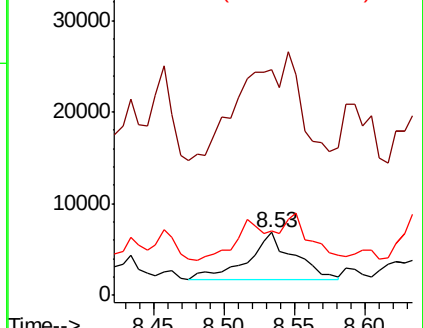
56 102.5 67.5 107.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BP0

Ion 56.00 (55.70 to 56.70): BP0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BP000384.D

Acq: 24 Sep 2019 15:22

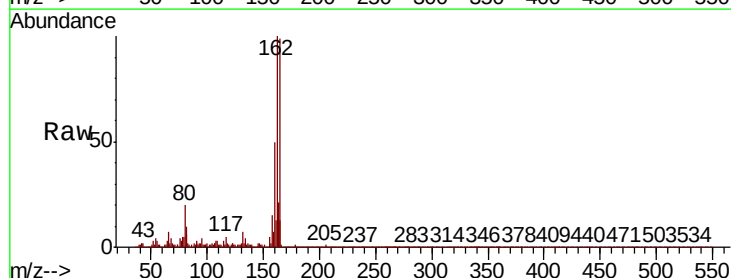
Tgt Ion:164 Resp: 489790

Ion Ratio Lower Upper

164 100

162 100.6 79.9 119.9

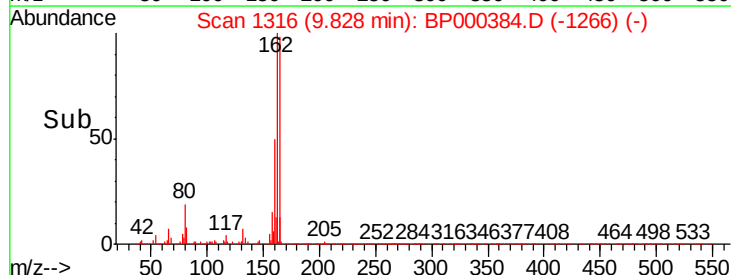
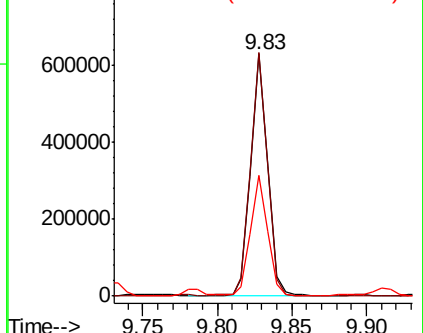
160 49.9 35.6 53.4

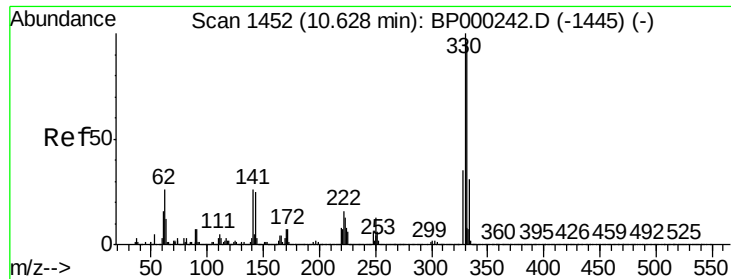


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

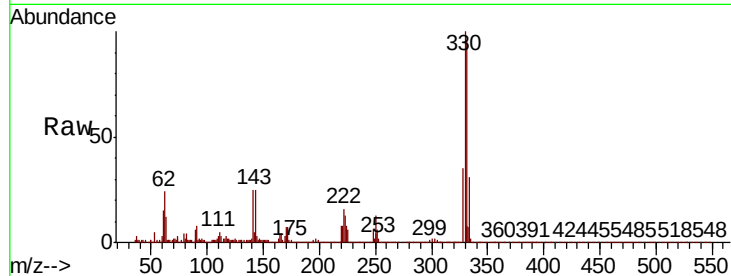




#42
2,4,6-Tribromophenol
Concen: 150.282 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000384.D
Acq: 24 Sep 2019 15:22

Instrument :
BNA_P
ClientSampleId :
Z2-0163

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	32.1	26.5	39.7

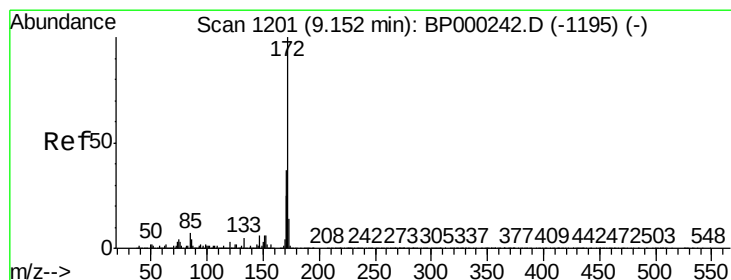
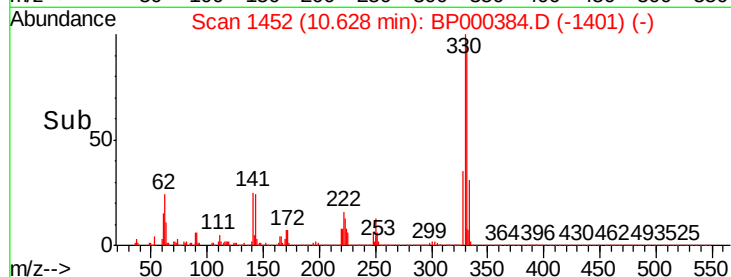
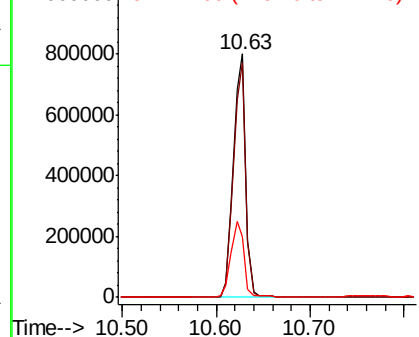


Abundance

Ion 329.80 (329.50 to 330.50): E

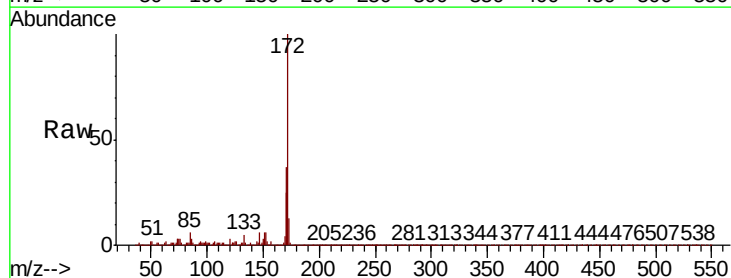
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 95.302 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000384.D
Acq: 24 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.6
170	24.6	19.8	29.6

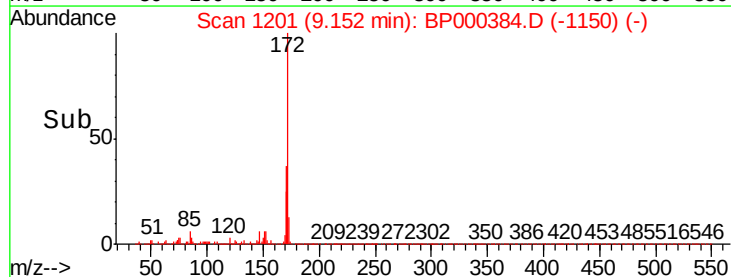
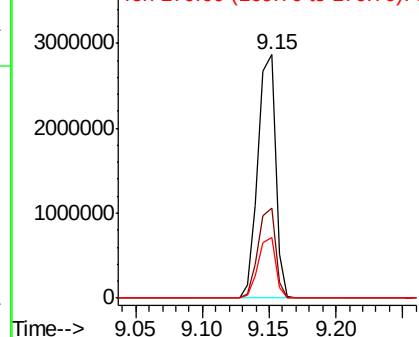


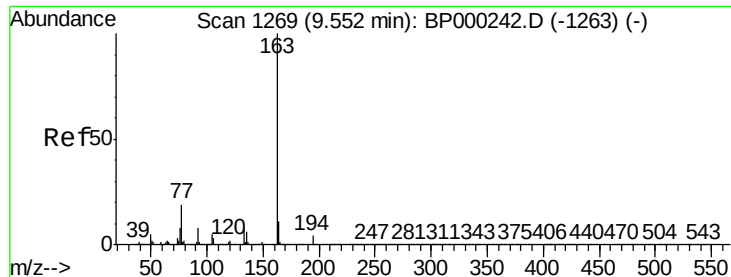
Abundance

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: 13.532 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BP000384.D

Acq: 24 Sep 2019 15:22

Instrument :

BNA_P

ClientSampleId :

Z2-0163

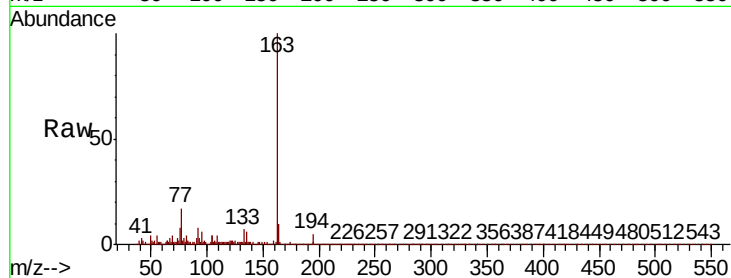
Tot Ion:163 Resp: 451563

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

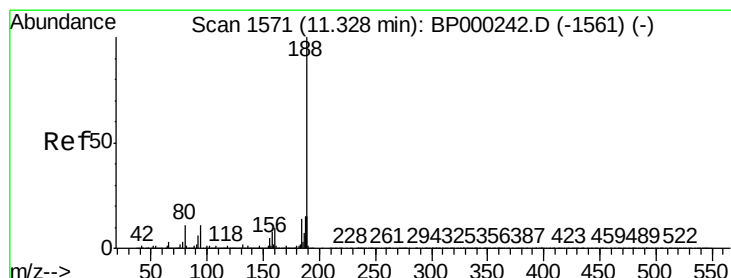
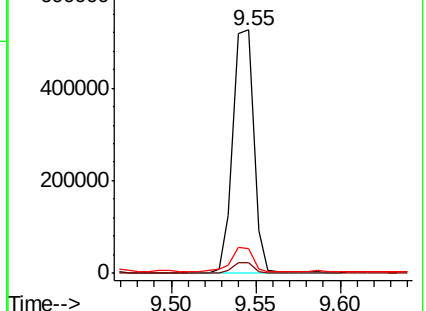
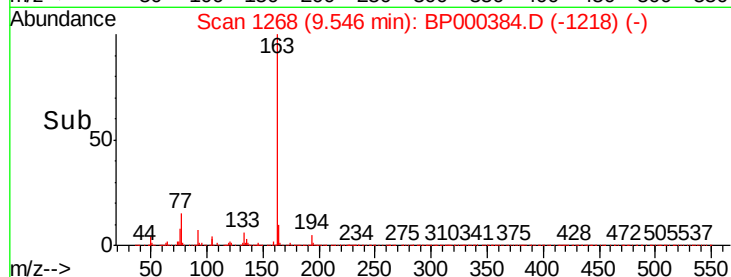
164 10.2 8.5 12.7



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BP000384.D

Acq: 24 Sep 2019 15:22

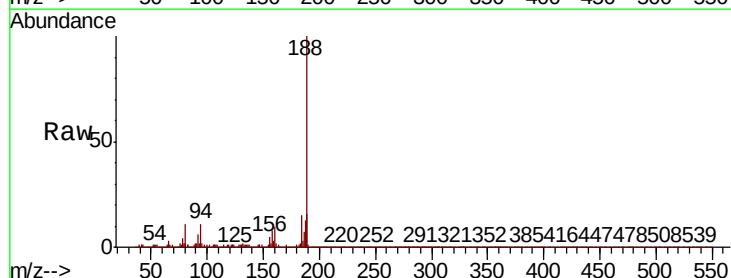
Tgt Ion:188 Resp: 886795

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

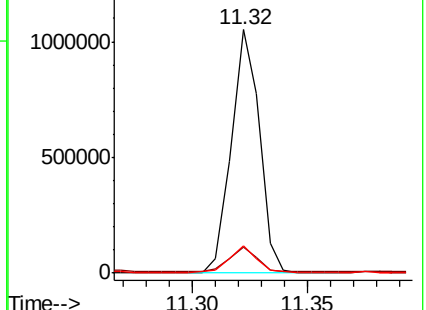
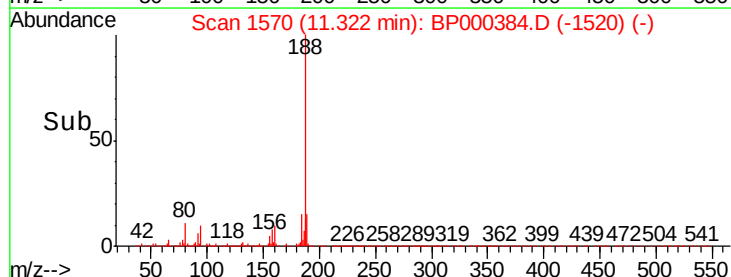
80 11.1 8.6 13.0

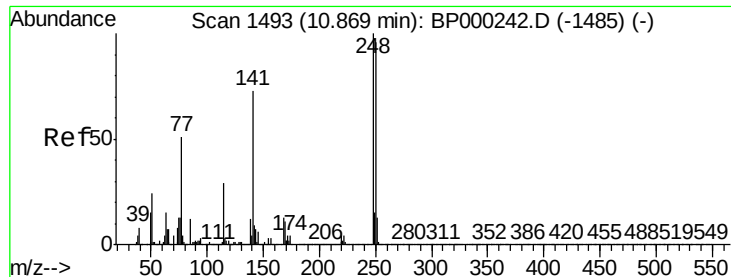


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

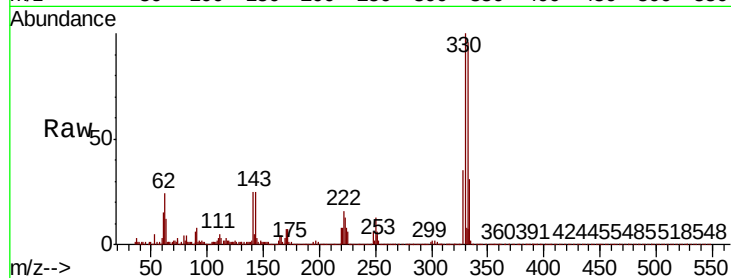




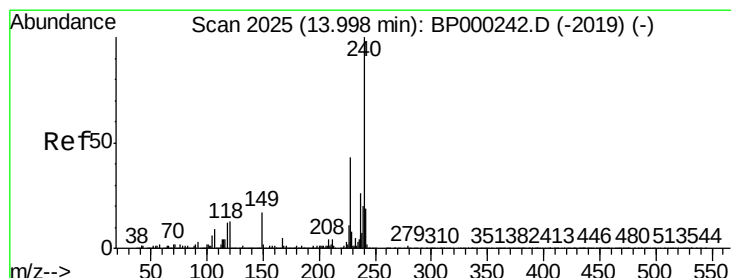
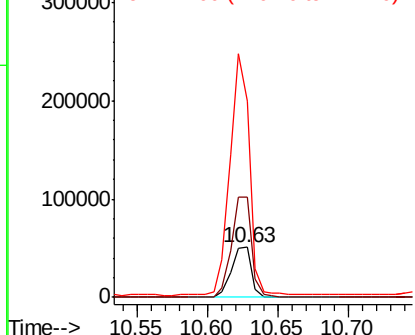
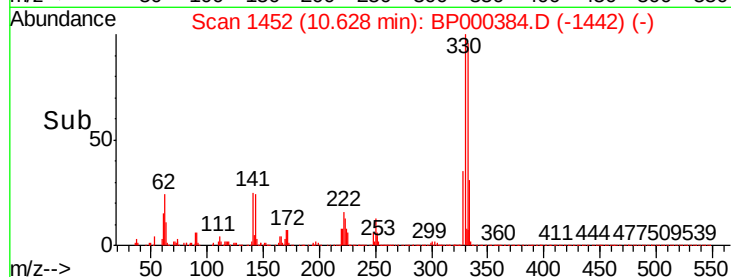
#67
4-Bromophenyl-phenylether
Concen: 5.014 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BP000384.D
Acq: 24 Sep 2019 15:22

Instrument :
BNA_P
ClientSampleId :
Z2-0163

Tot Ion:248 Resp: 50284
Ion Ratio Lower Upper
248 100
250 199.5 77.0 115.4#
141 392.1 58.5 87.7#

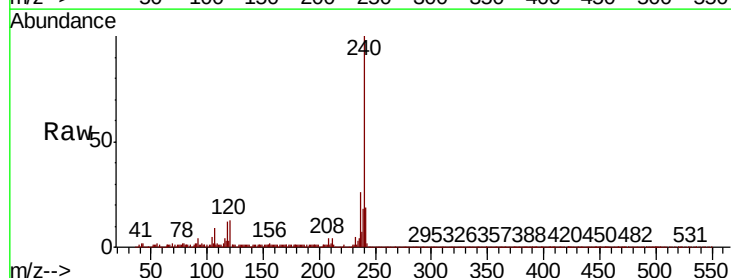


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

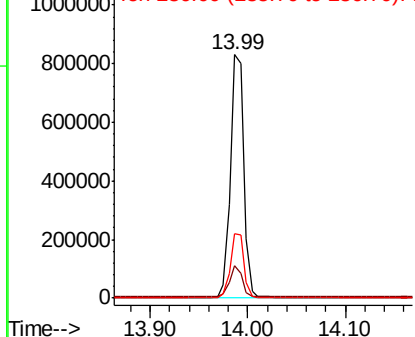
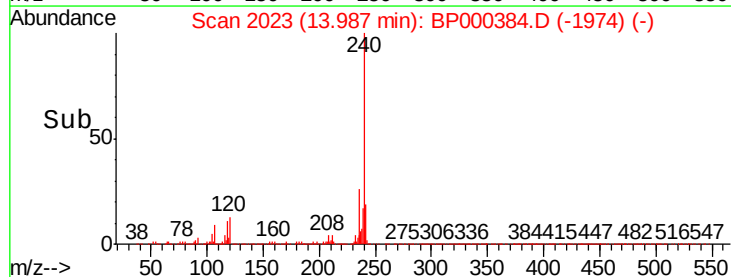


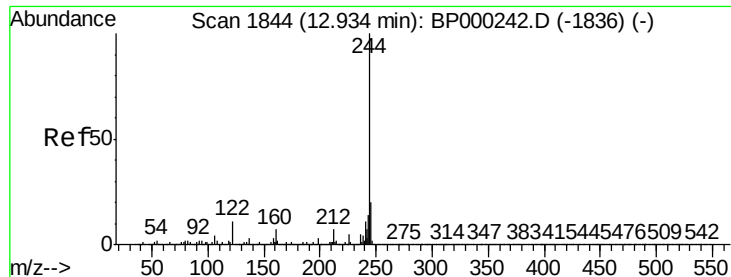
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BP000384.D
Acq: 24 Sep 2019 15:22

Tgt Ion:240 Resp: 790905
Ion Ratio Lower Upper
240 100
120 13.2 10.4 15.6
236 26.4 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: 88.310 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000384.D

Acq: 24 Sep 2019 15:22

Instrument :

BNA_P

ClientSampleId :

Z2-0163

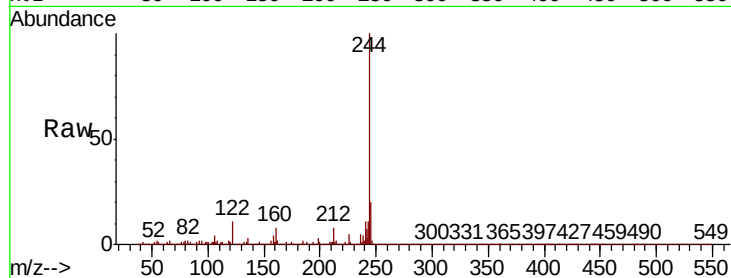
Tot Ion:244 Resp: 3329364

Ion Ratio Lower Upper

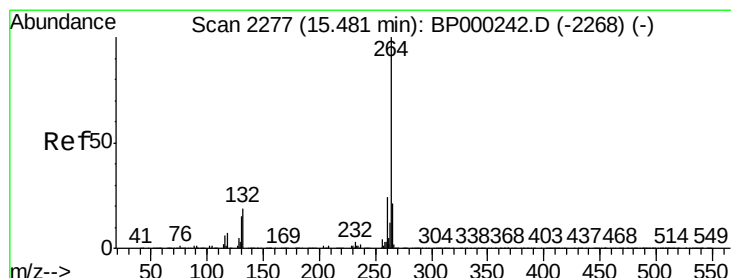
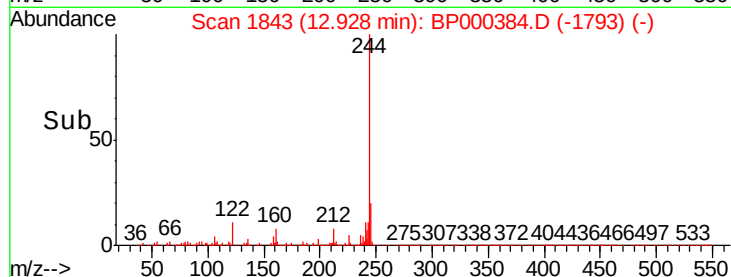
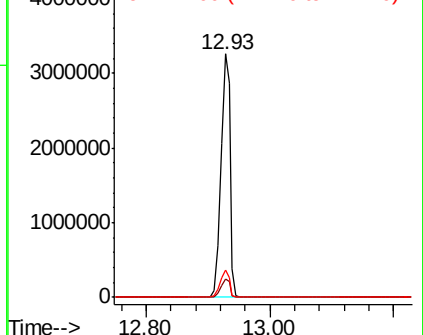
244 100

212 7.7 5.9 8.9

122 11.2 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

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BP000384.D

Acq: 24 Sep 2019 15:22

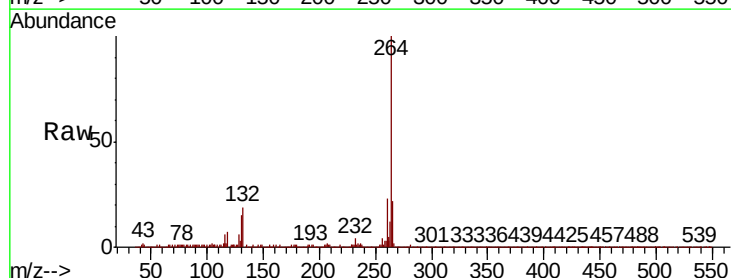
Tgt Ion:264 Resp: 875956

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 21.8 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

