

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
 Data File : BP000338.D
 Acq On : 19 Sep 2019 18:28
 Operator : HP/JU
 Sample : K4962-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

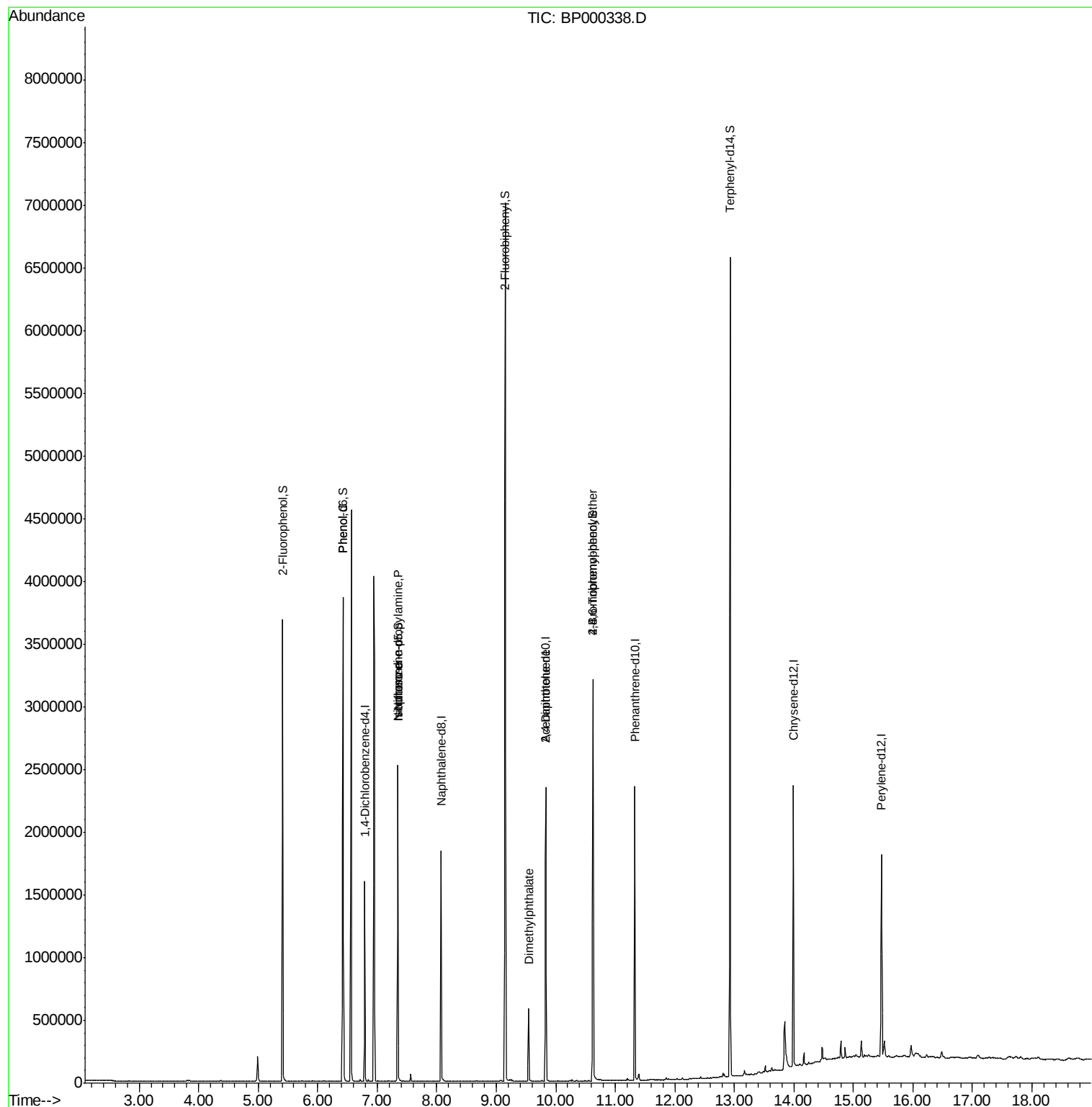
Quant Time: Sep 20 02:08:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

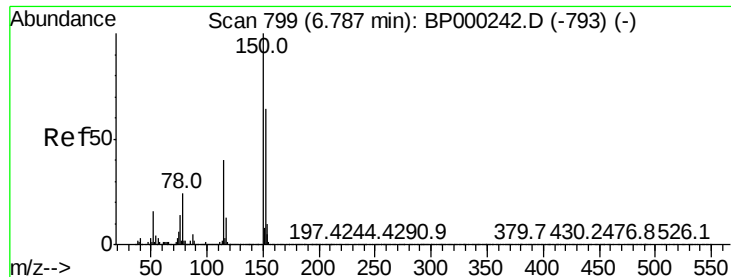
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	238232	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	844557	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	455875	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	797397	20.00	ng	0.00
76) Chrysene-d12	13.99	240	693400	20.00	ng	0.00
87) Perylene-d12	15.47	264	773389	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1228698	89.04	ng	0.00
7) Phenol-d6	6.43	99	1564616	92.50	ng	0.00
23) Nitrobenzene-d5	7.35	82	834249	63.73	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	424503	93.88	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1964823	77.57	ng	0.00
79) Terphenyl-d14	12.93	244	2165831	65.53	ng	0.00
Target Compounds				Qvalue		
9) Benzaldehyde	6.56	77	27149	Below Cal		83
10) Phenol	6.43	94	97170	5.056 ng		88
19) n-Nitroso-di-n-propylamine	7.35	70	104154	11.646 ng	#	76
25) Isophorone	7.35	82	833275	32.148 ng	#	63
50) Dimethylphthalate	9.55	163	254211	8.185 ng		99
57) 2,4-Dinitrotoluene	9.83	165	58762	6.582 ng	#	35
67) 4-Bromophenyl-phenylether	10.62	248	28951	3.211 ng	#	1
69) Atrazine	11.00	200	39	Below Cal	#	1

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

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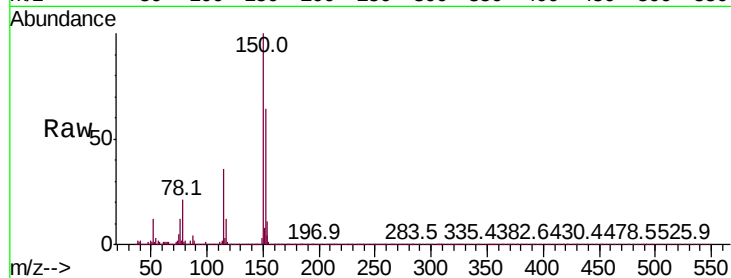




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000338.D
Acq: 19 Sep 2019 18:28

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.2	187.8
115	56.7	49.7	74.5

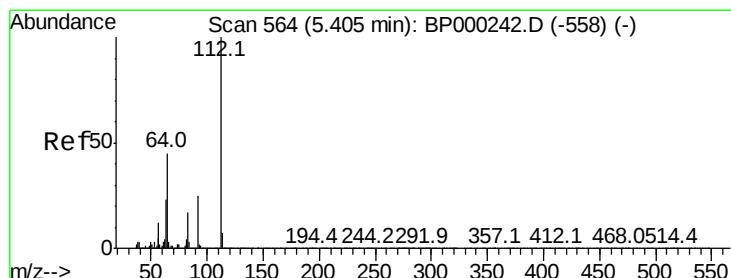
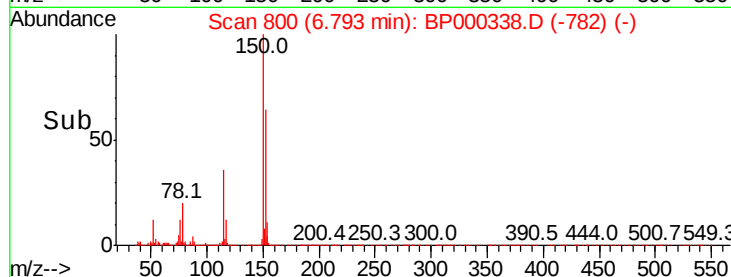
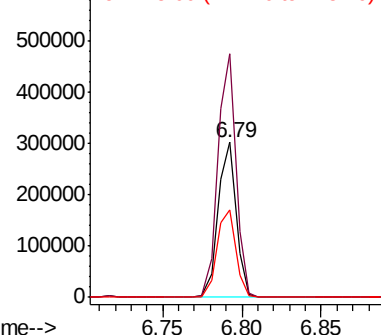


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

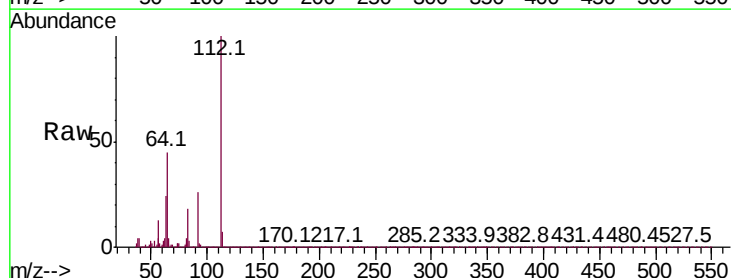
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 89.038 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000338.D
Acq: 19 Sep 2019 18:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.0	36.2	54.4
63	23.9	18.3	27.5

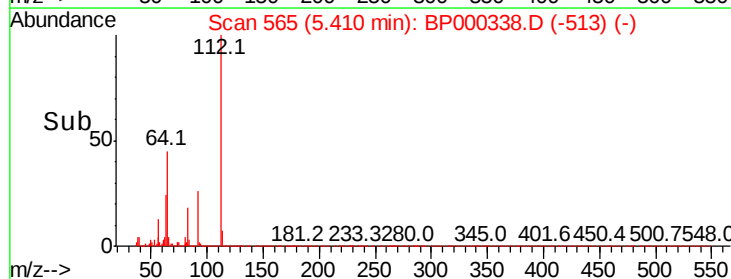
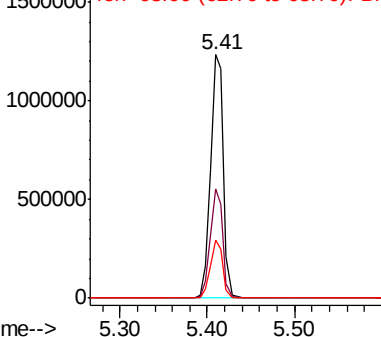


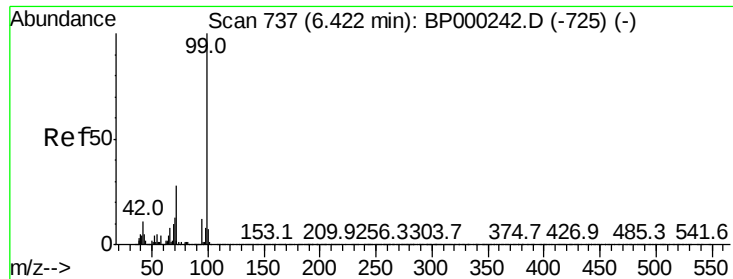
Abundance

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: 92.496 ng

RT: 6.43 min Scan# 738

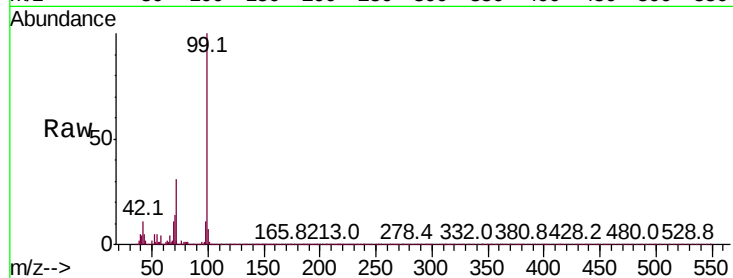
Delta R.T. 0.01 min

Lab File: BP000338.D

Acq: 19 Sep 2019 18:28

Tot Ion: 99 Resp: 1564616

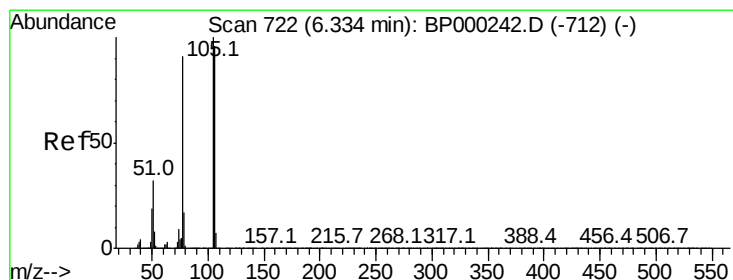
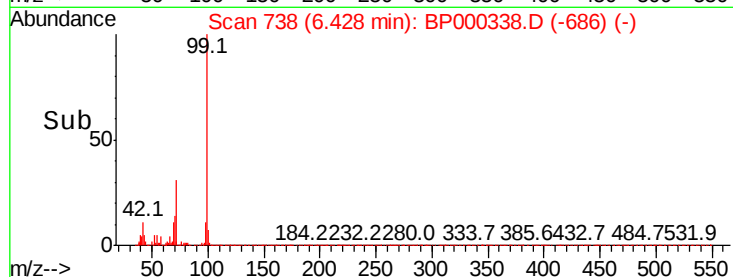
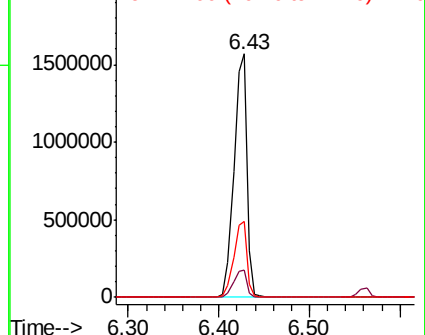
Ion	Ratio	Lower	Upper
99	100		
42	11.1	8.5	12.7
71	31.1	22.6	34.0



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.56 min Scan# 761

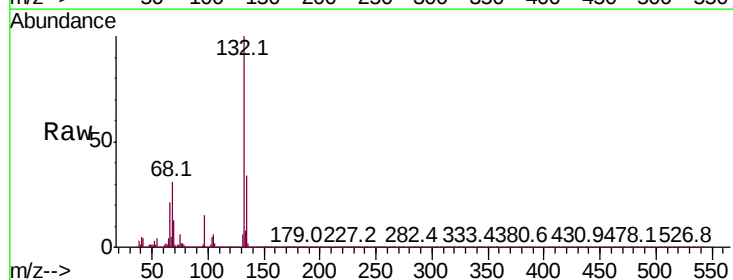
Delta R.T. 0.23 min

Lab File: BP000338.D

Acq: 19 Sep 2019 18:28

Tgt Ion: 77 Resp: 27149

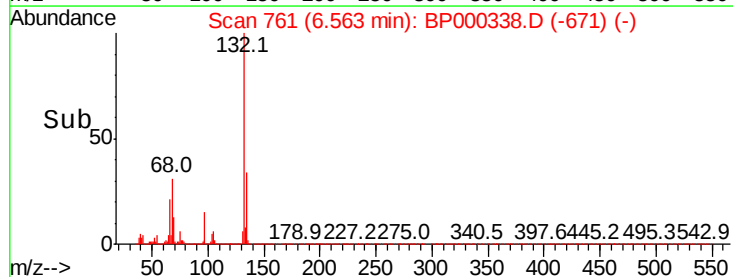
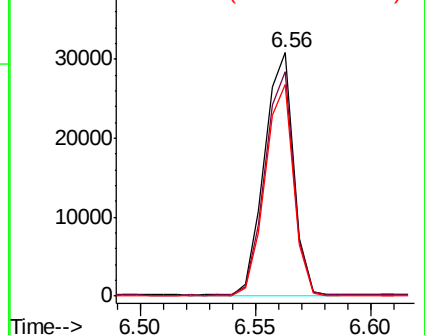
Ion	Ratio	Lower	Upper
77	100		
105	92.2	89.6	129.6
106	86.8	84.6	124.6

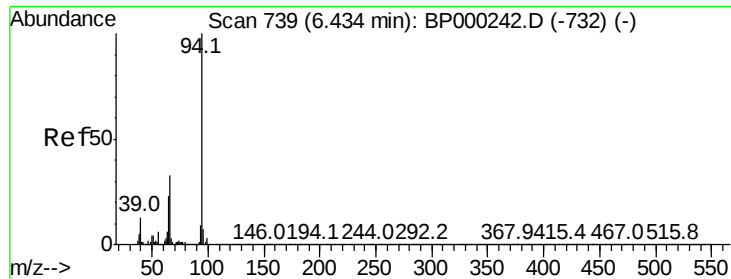


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 5.056 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BP000338.D

Acq: 19 Sep 2019 18:28

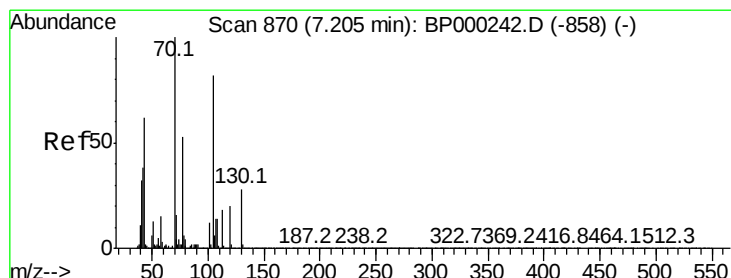
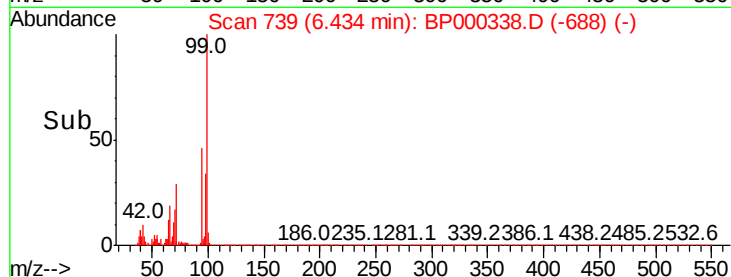
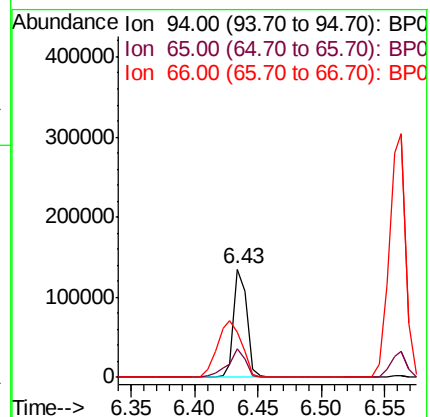
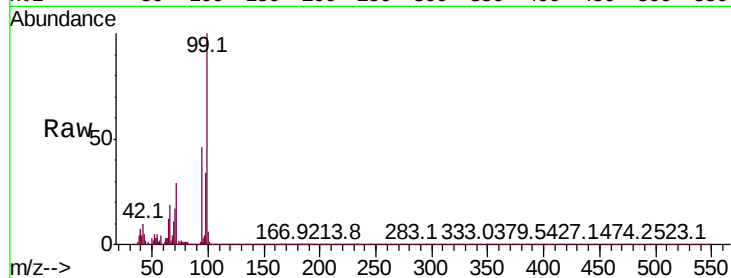
Tot Ion: 94 Resp: 97170

Ion Ratio Lower Upper

94 100

65 25.9 3.3 43.3

66 42.1 12.7 52.7



#19

n-Nitroso-di-n-propylamine

Concen: 11.646 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BP000338.D

Acq: 19 Sep 2019 18:28

Tgt Ion: 70 Resp: 104154

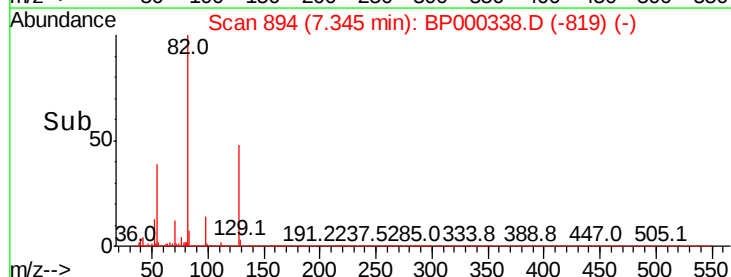
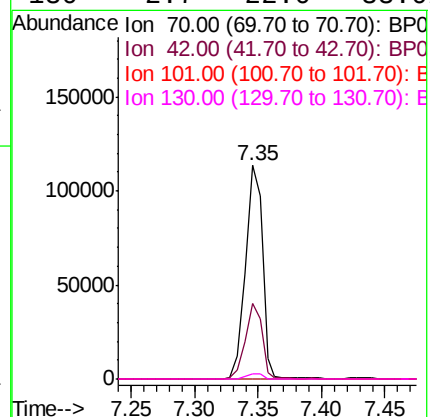
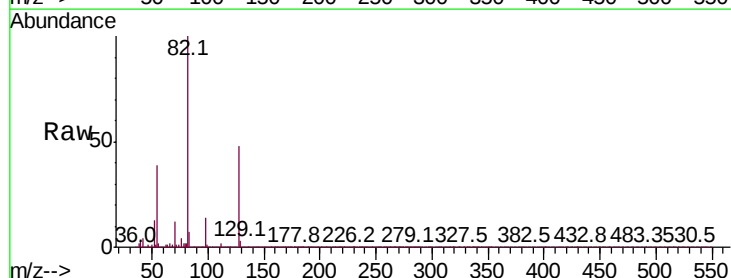
Ion Ratio Lower Upper

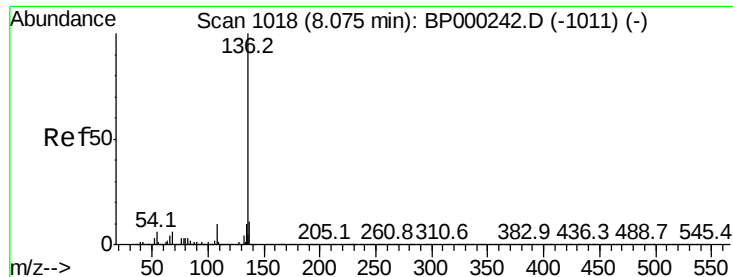
70 100

42 35.6 30.7 46.1

101 0.0 9.6 14.4#

130 2.7 22.0 33.0#





#21

Naphthalene-d8

Concen: 20.000 ng

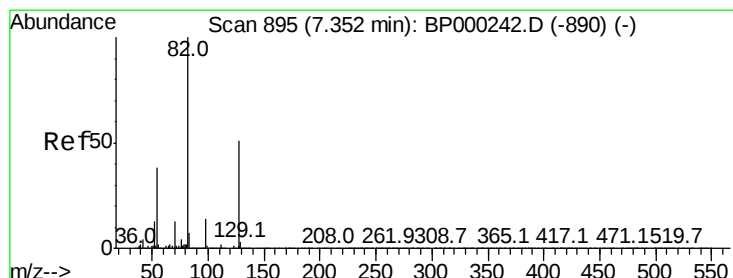
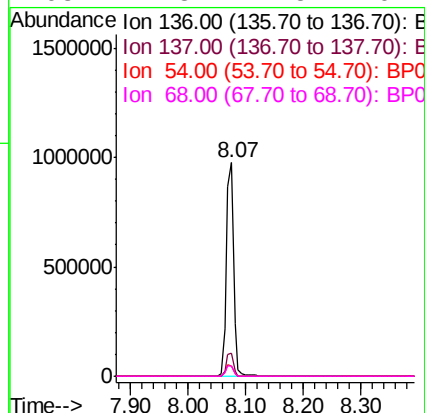
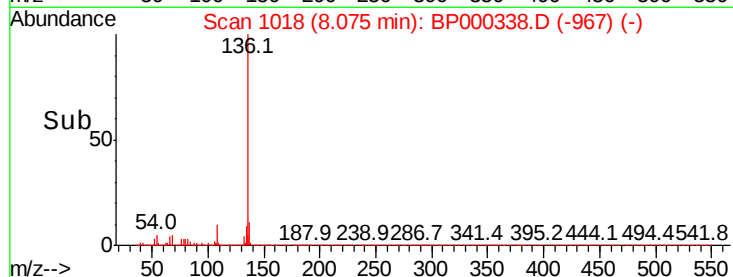
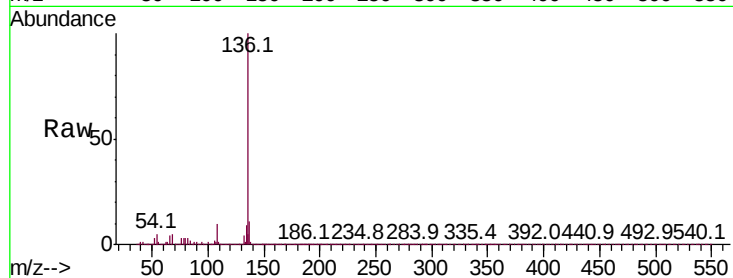
RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BP000338.D

Acq: 19 Sep 2019 18:28

Tot Ion:136	Resp:	844557
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.6	13.0
54 5.0	4.5	6.7
68 4.8	4.5	6.7



#23

Nitrobenzene-d5

Concen: 63.732 ng

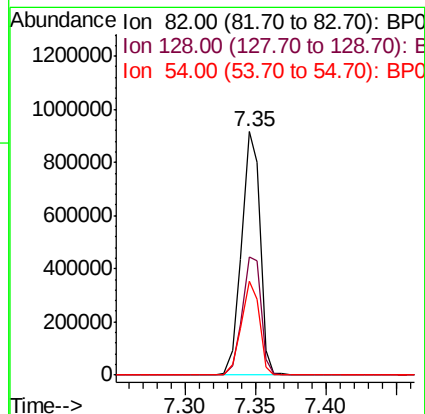
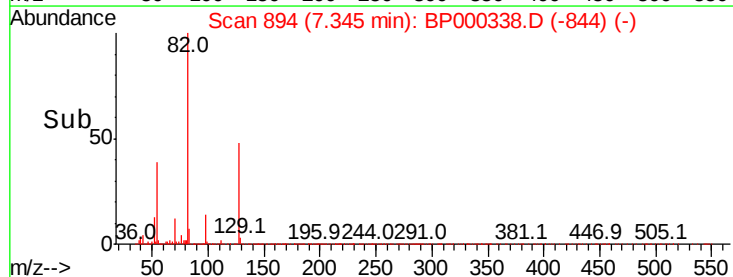
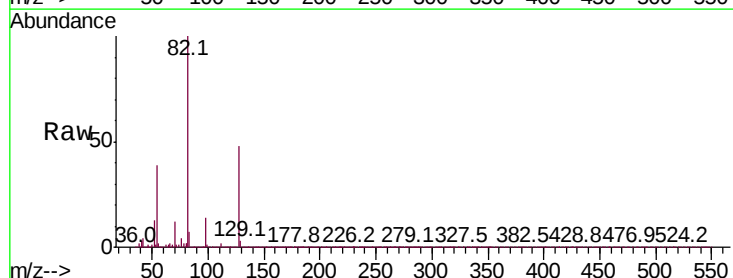
RT: 7.35 min Scan# 894

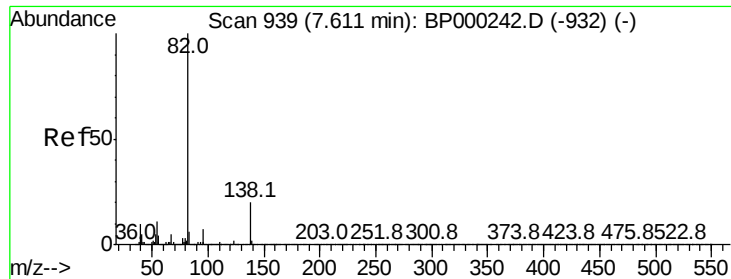
Delta R.T. -0.01 min

Lab File: BP000338.D

Acq: 19 Sep 2019 18:28

Tgt Ion: 82	Resp:	834249
Ion Ratio	Lower	Upper
82 100		
128 48.5	40.7	61.1
54 38.6	30.1	45.1





#25

Isophorone

Concen: 32.148 ng

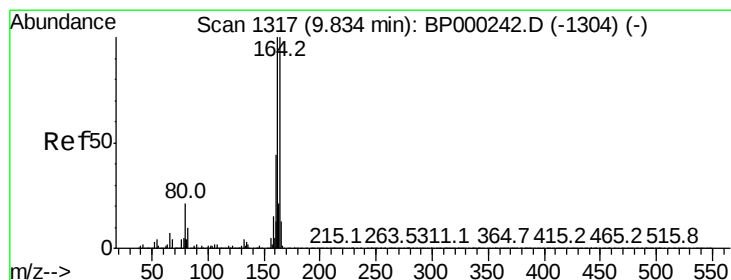
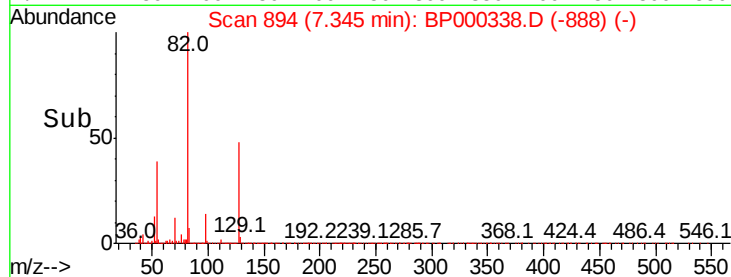
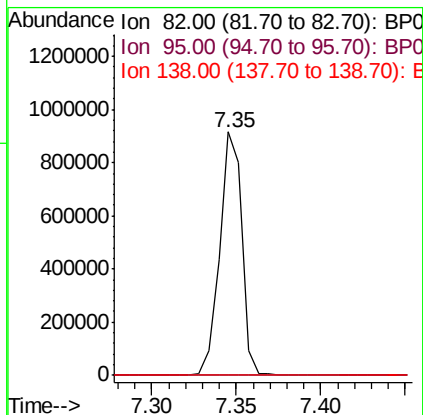
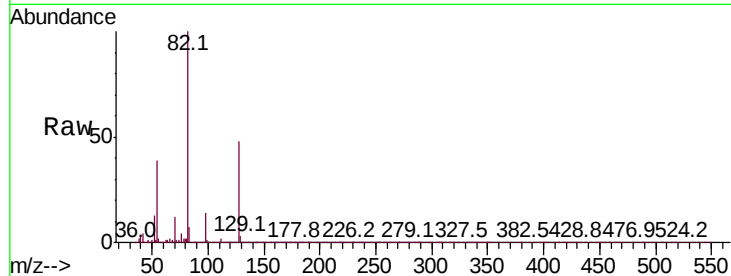
RT: 7.35 min Scan# 894

Delta R.T. -0.27 min

Lab File: BP000338.D

Acq: 19 Sep 2019 18:28

Tot Ion:	82	Resp:	833275
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.9	8.9#
138	0.0	15.9	23.9#



#39

Acenaphthene-d10

Concen: 20.000 ng

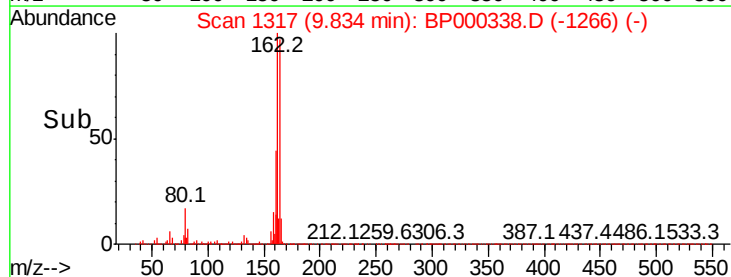
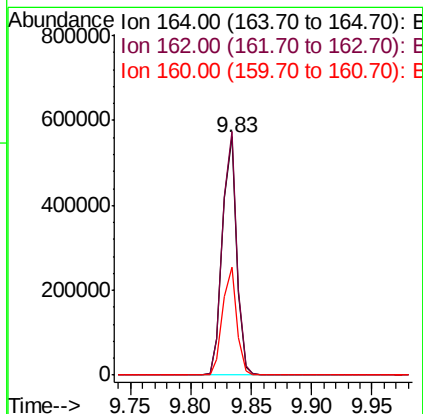
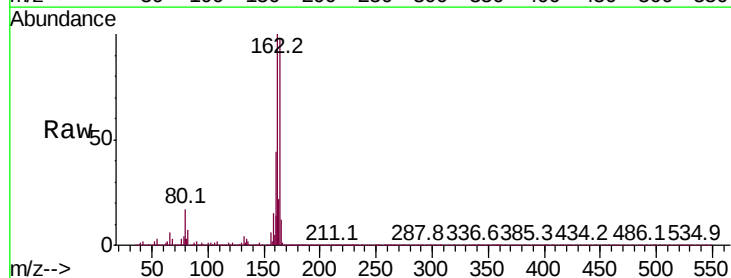
RT: 9.83 min Scan# 1317

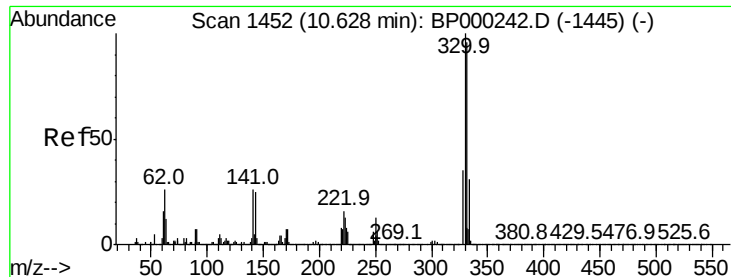
Delta R.T. -0.00 min

Lab File: BP000338.D

Acq: 19 Sep 2019 18:28

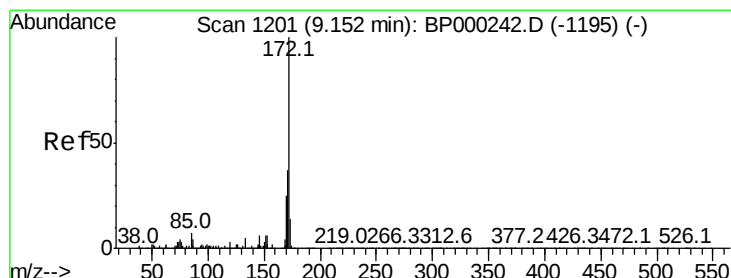
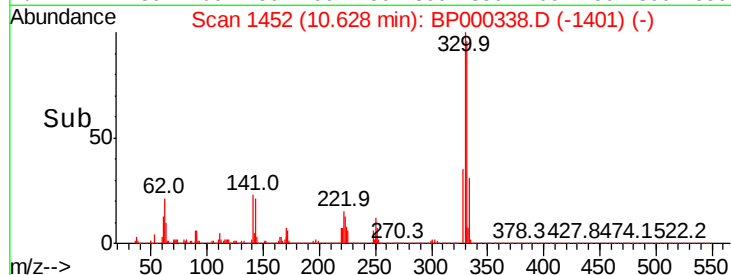
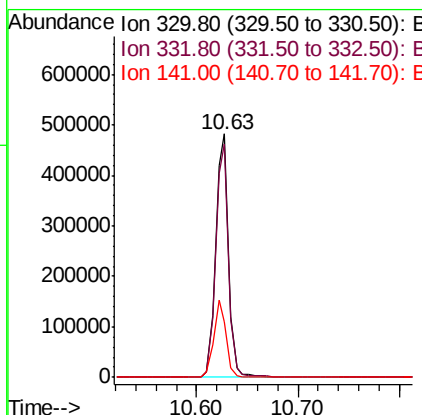
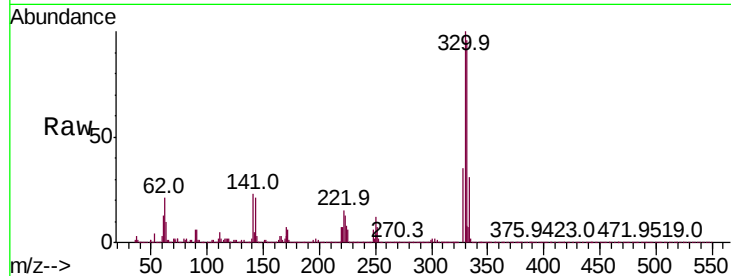
Tgt Ion:	164	Resp:	455875
Ion	Ratio	Lower	Upper
164	100		
162	102.1	79.9	119.9
160	45.1	35.6	53.4





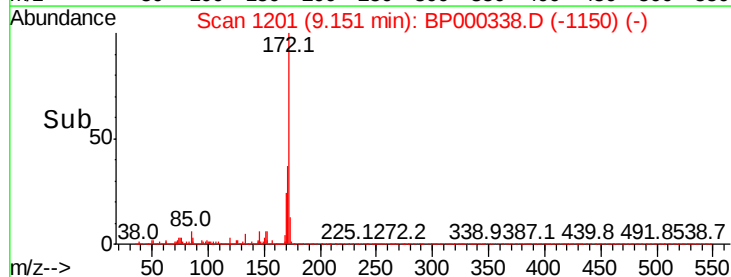
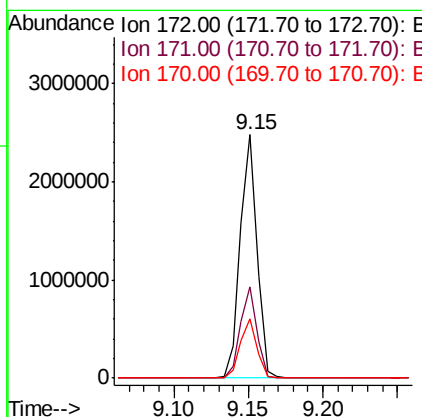
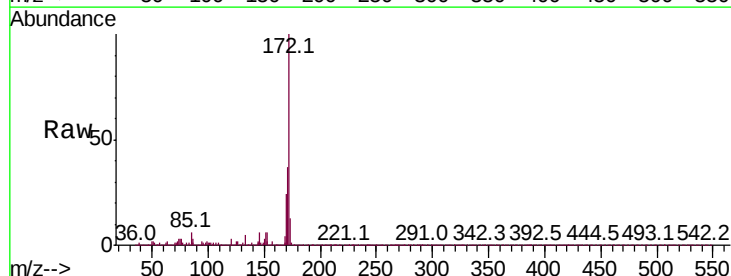
#42
 2,4,6-Tribromophenol
 Concen: 93.882 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BP000338.D
 Acq: 19 Sep 2019 18:28

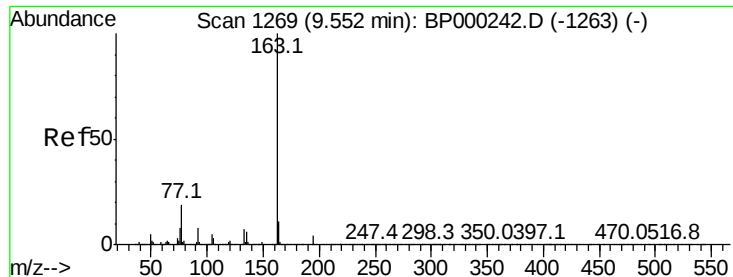
Tot Ion:	330	Resp:	424503
Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	30.4	26.5	39.7



#45
 2-Fluorobiphenyl
 Concen: 77.572 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BP000338.D
 Acq: 19 Sep 2019 18:28

Tgt Ion:	172	Resp:	1964823
Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	24.3	19.8	29.6





#50

Dimethylphthalate

Concen: 8.185 ng

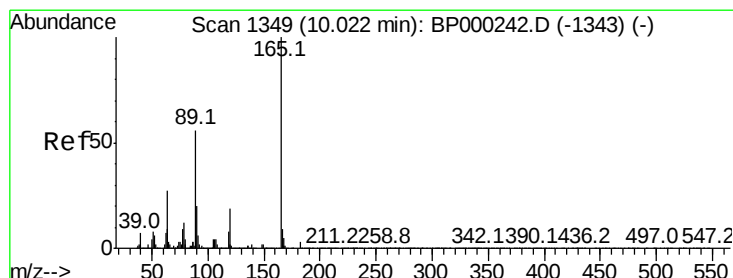
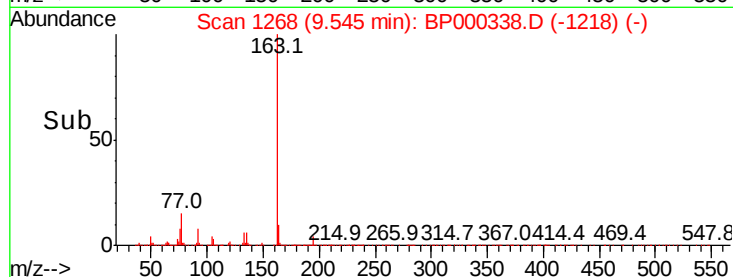
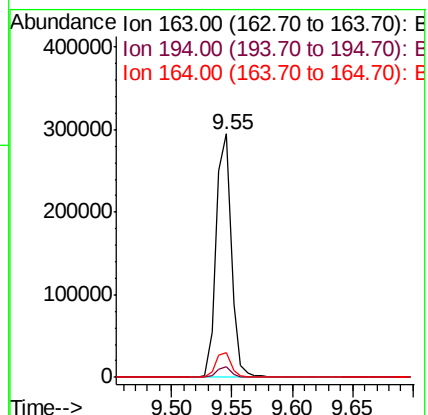
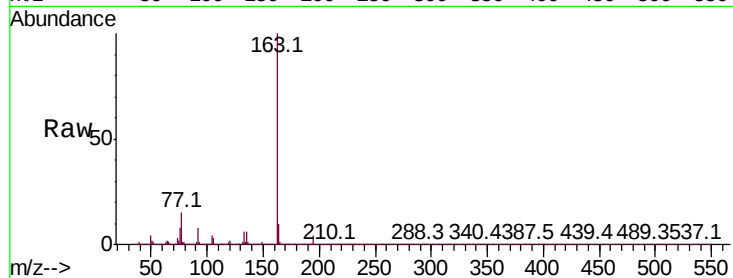
RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BP000338.D

Acq: 19 Sep 2019 18:28

Tot Ion:	163	Resp:	254211
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	10.0	8.5	12.7



#57

2,4-Dinitrotoluene

Concen: 6.582 ng

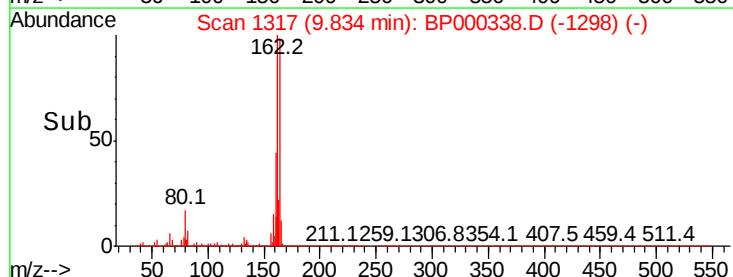
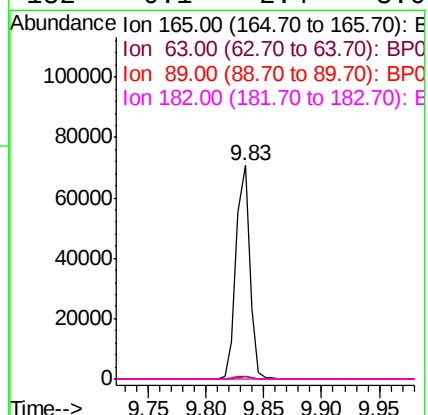
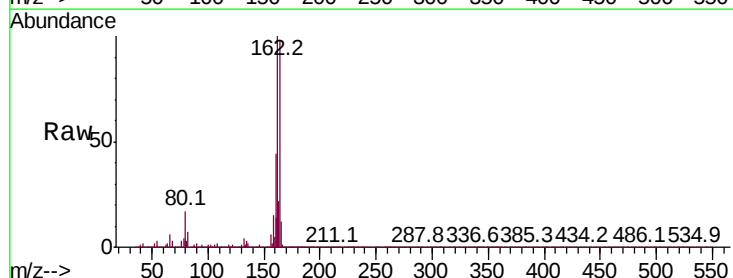
RT: 9.83 min Scan# 1317

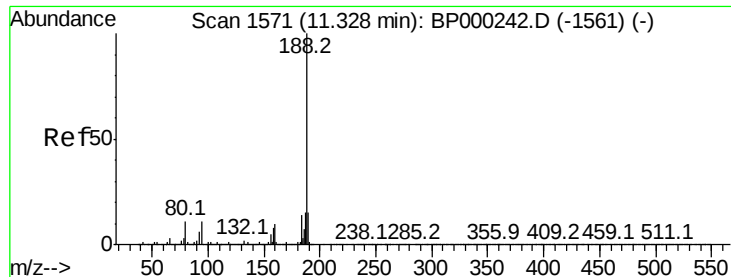
Delta R.T. -0.19 min

Lab File: BP000338.D

Acq: 19 Sep 2019 18:28

Tgt Ion:	165	Resp:	58762
Ion	Ratio	Lower	Upper
165	100		
63	1.1	21.7	32.5#
89	1.3	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: BP000338.D

Acq: 19 Sep 2019 18:28

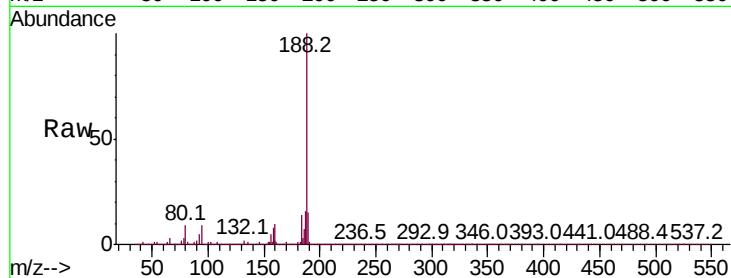
Tot Ion:188 Resp: 797397

Ion Ratio Lower Upper

188 100

94 8.9 8.5 12.7

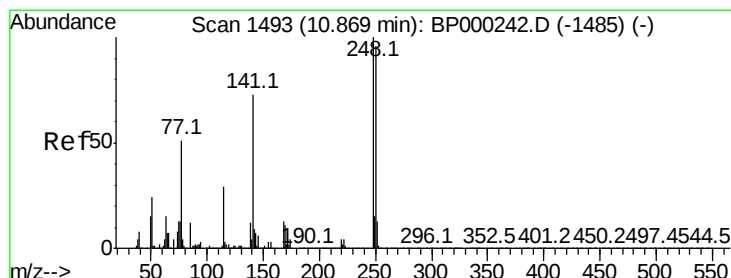
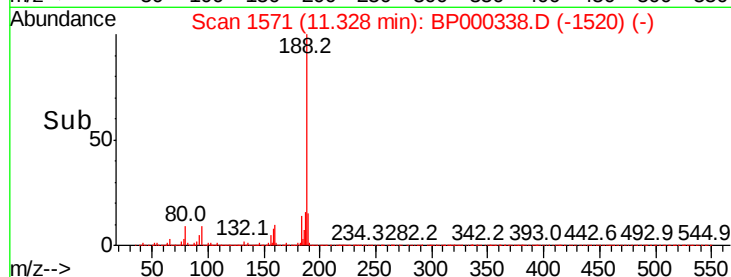
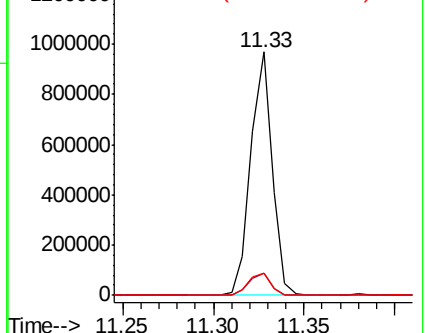
80 8.9 8.6 13.0



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: 3.211 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BP000338.D

Acq: 19 Sep 2019 18:28

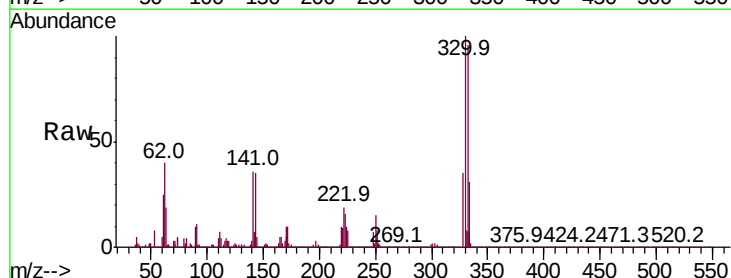
Tgt Ion:248 Resp: 28951

Ion Ratio Lower Upper

248 100

250 204.3 77.0 115.4#

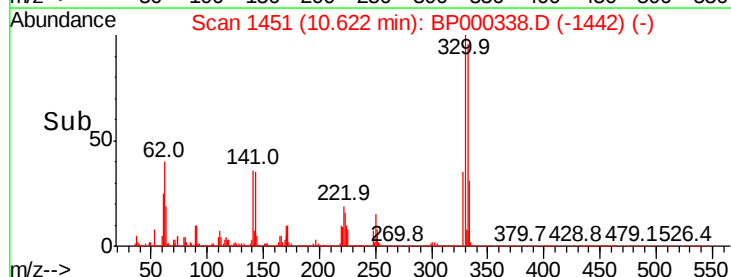
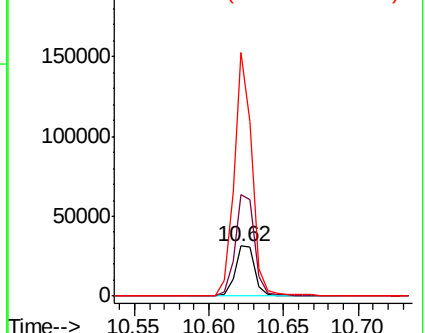
141 488.3 58.5 87.7#

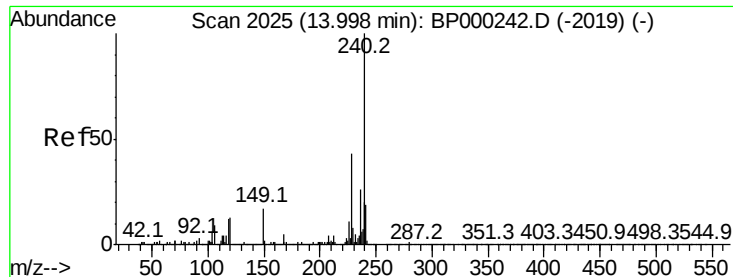


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

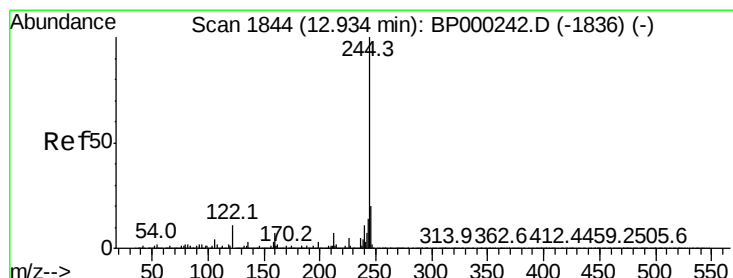
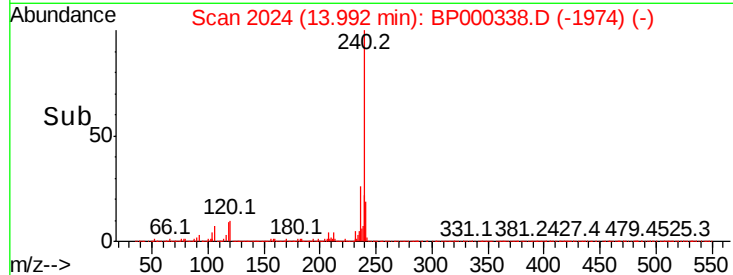
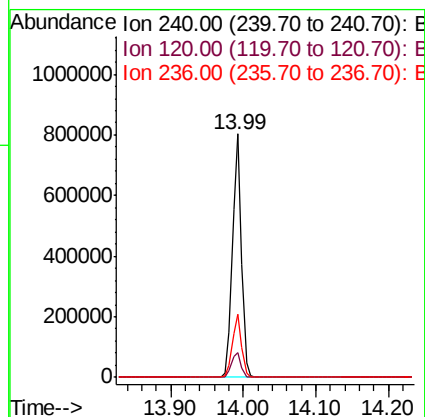
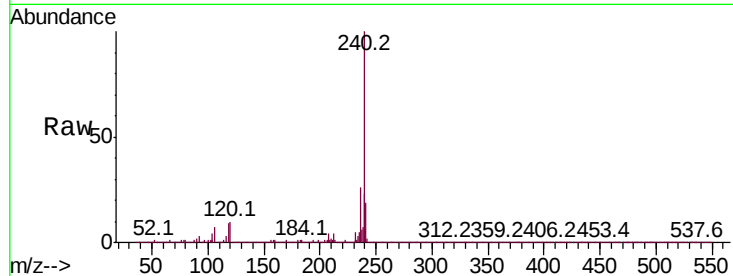
Ion 141.00 (140.70 to 141.70): E





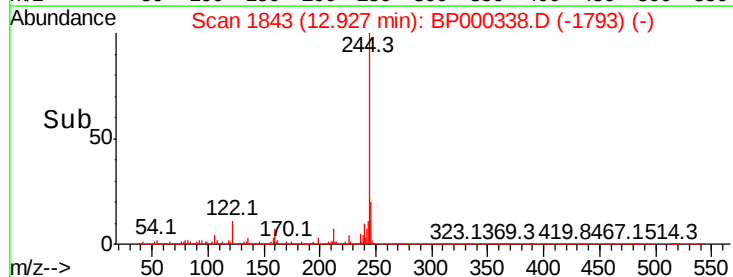
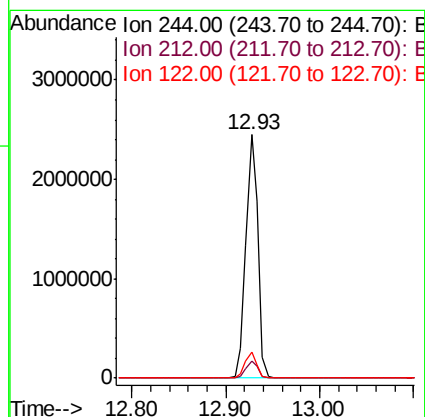
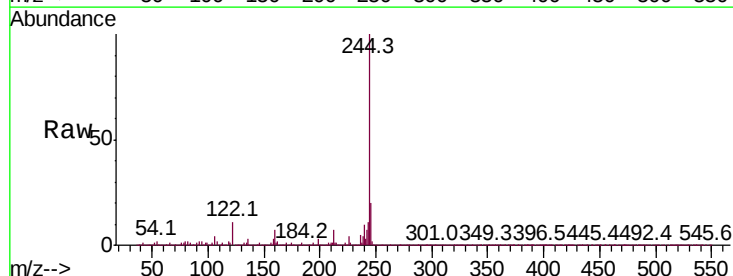
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BP000338.D
 Acq: 19 Sep 2019 18:28

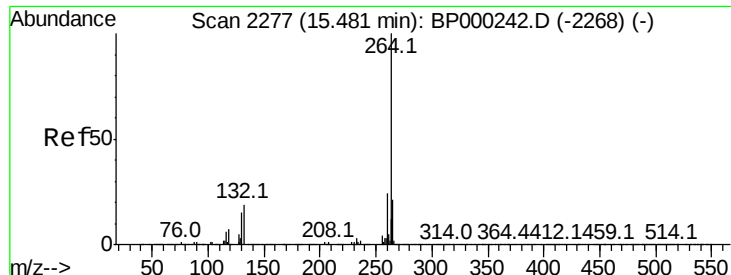
Tot Ion:240	Resp:	693400
Ion Ratio	Lower	Upper
240	100	
120	10.4	10.4 15.6
236	26.1	21.0 31.6



#79
 Terphenyl-d14
 Concen: 65.526 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BP000338.D
 Acq: 19 Sep 2019 18:28

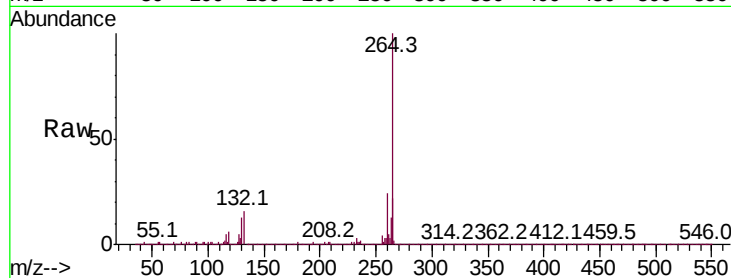
Tgt Ion:244	Resp:	2165831
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.9 8.9
122	10.5	9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000338.D
Acq: 19 Sep 2019 18:28

Tot Ion:	264	Resp:	773389
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

