

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
 Data File : BP000334.D
 Acq On : 19 Sep 2019 16:52
 Operator : HP/JU
 Sample : K4967-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 20 02:07:23 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	223539	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	822105	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	444841	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	802695	20.00	ng	0.00
76) Chrysene-d12	13.99	240	717250	20.00	ng	0.00
87) Perylene-d12	15.47	264	812541	20.00	ng	0.00

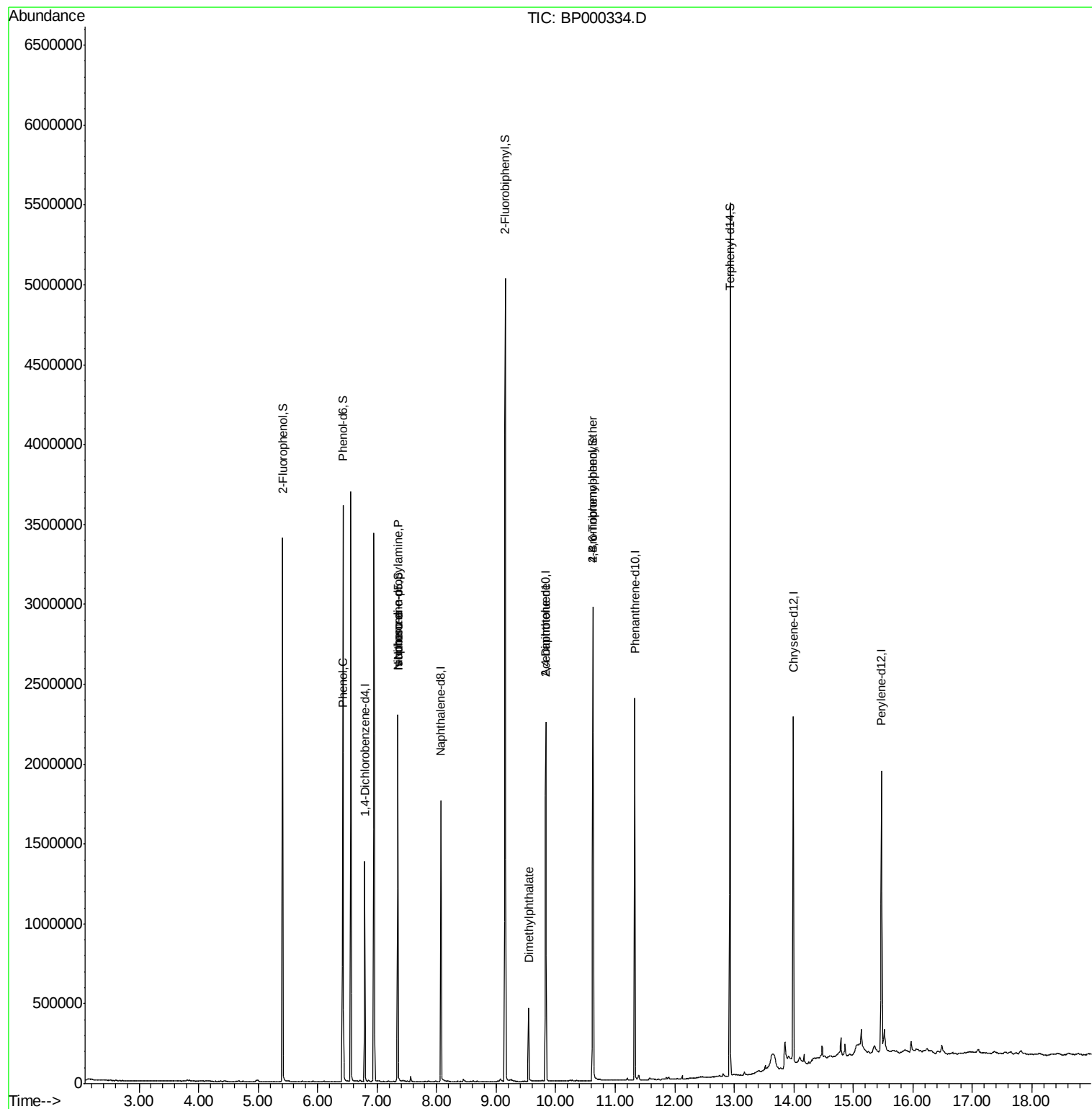
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	1005488	77.65	ng	0.00
7) Phenol-d6	6.42	99	1281345	80.73	ng	0.00
23) Nitrobenzene-d5	7.35	82	678997	53.29	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	373032	84.55	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1491105	60.33	ng	0.00
79) Terphenyl-d14	12.93	244	1700703	49.74	ng	0.00

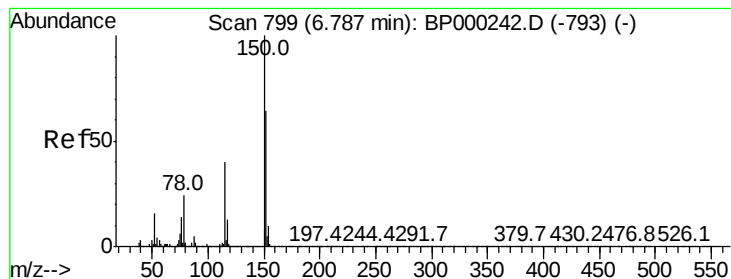
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.42	77	2537	Below Cal	#	1
10) Phenol	6.43	94	64107	3.555	ng	98
19) n-Nitroso-di-n-propylamine	7.35	70	83971	10.006	ng	75
25) Isophorone	7.35	82	679014	26.912	ng	63
50) Dimethylphthalate	9.55	163	209950	6.927	ng	98
57) 2,4-Dinitrotoluene	9.83	165	58499	6.715	ng	35
67) 4-Bromophenyl-phenylether	10.62	248	25262	2.783	ng	1
69) Atrazine	11.03	200	6	Below Cal	#	1

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

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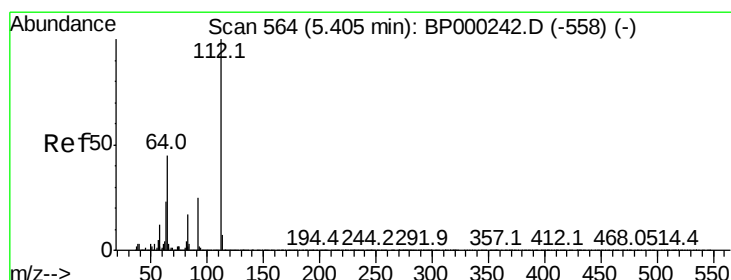
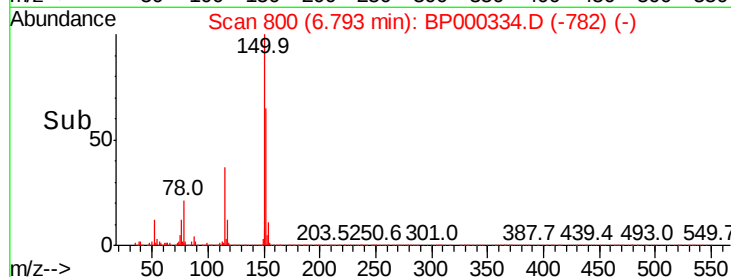
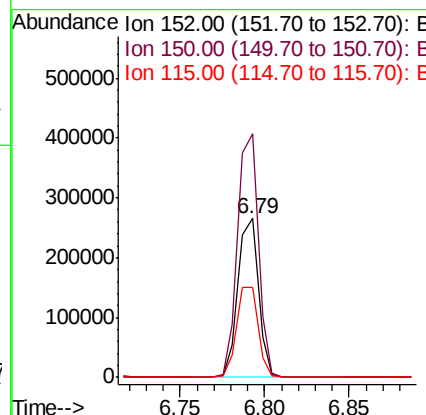
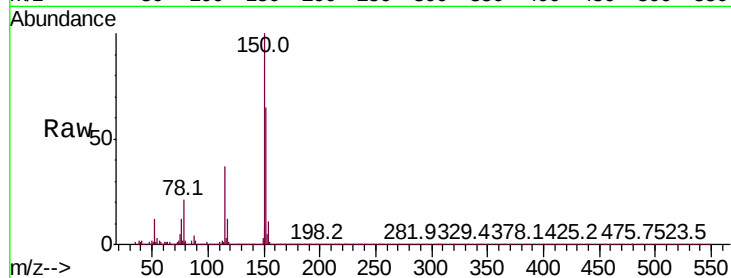




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000334.D
Acq: 19 Sep 2019 16:52

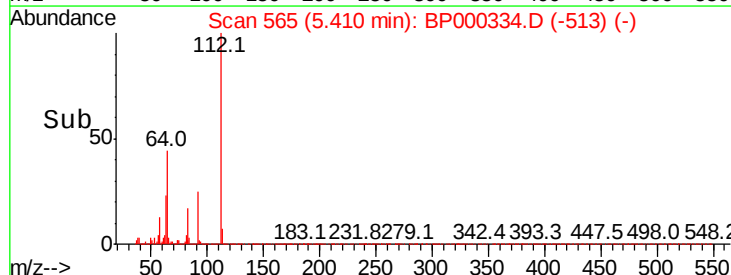
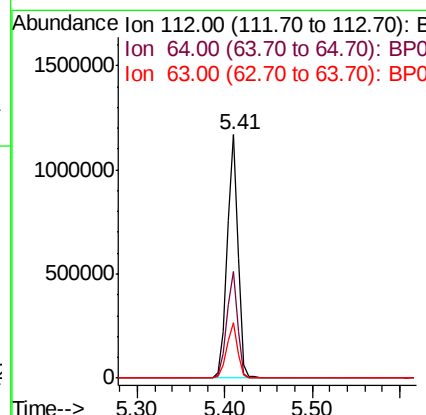
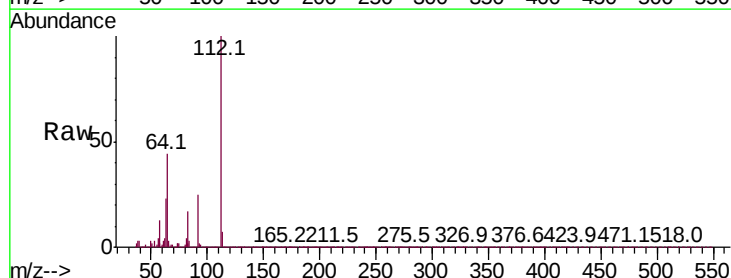
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	125.2	187.8
115	56.4	49.7	74.5

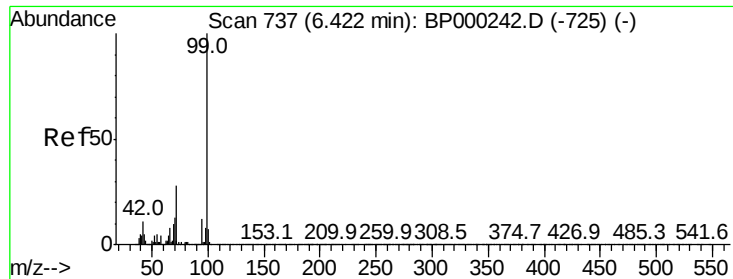


#5

2-Fluorophenol
Concen: 77.652 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000334.D
Acq: 19 Sep 2019 16:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.7	36.2	54.4
63	22.7	18.3	27.5





#7

Phenol-d6

Concen: 80.728 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BP000334.D

Acq: 19 Sep 2019 16:52

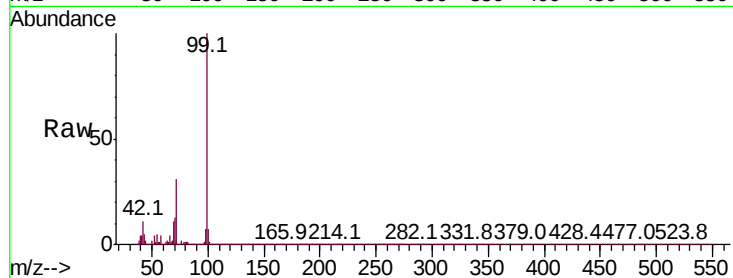
Tot Ion: 99 Resp: 1281345

Ion Ratio Lower Upper

99 100

42 11.2 8.5 12.7

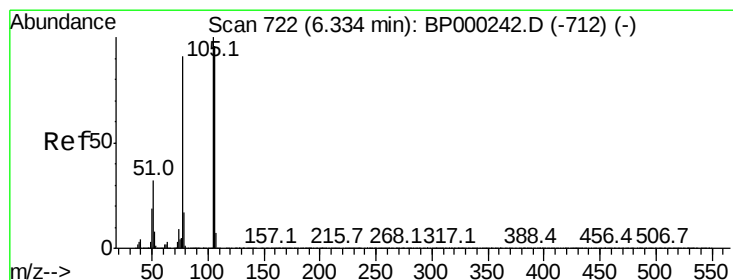
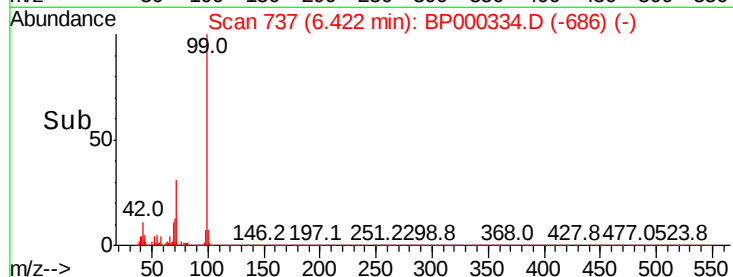
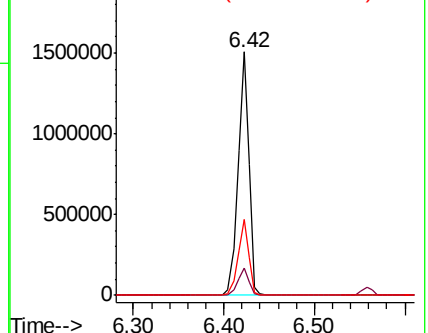
71 31.0 22.6 34.0



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: 6.42 min Scan# 737

Delta R.T. 0.09 min

Lab File: BP000334.D

Acq: 19 Sep 2019 16:52

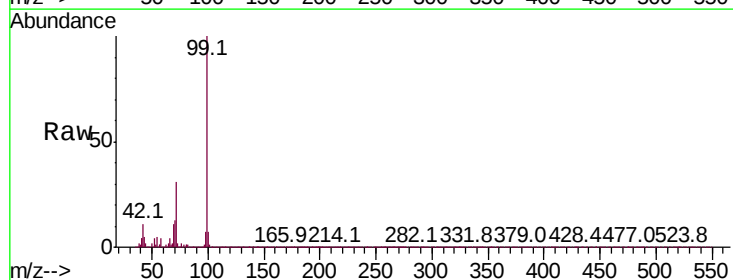
Tgt Ion: 77 Resp: 2537

Ion Ratio Lower Upper

77 100

105 6.5 89.6 129.6#

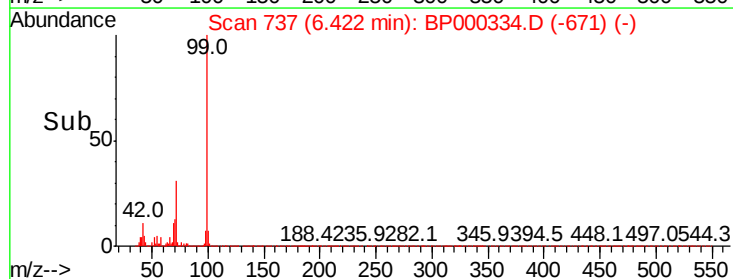
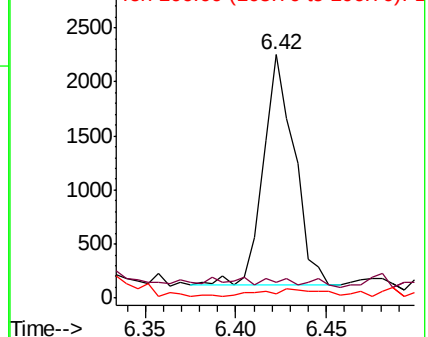
106 2.0 84.6 124.6#

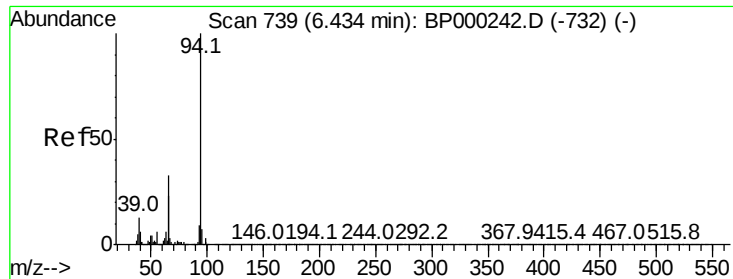


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.555 ng

RT: 6.43 min Scan# 739

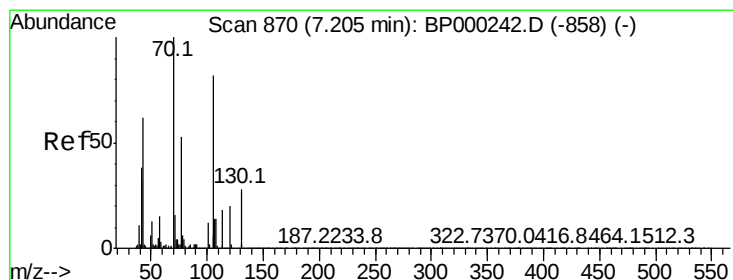
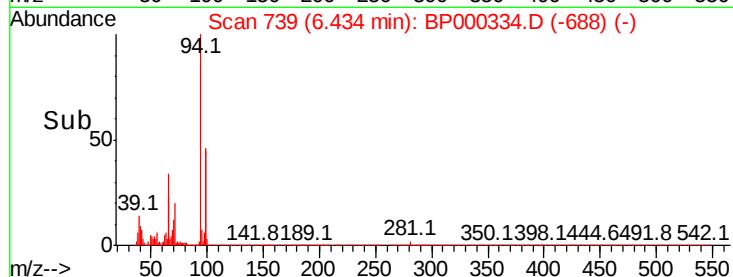
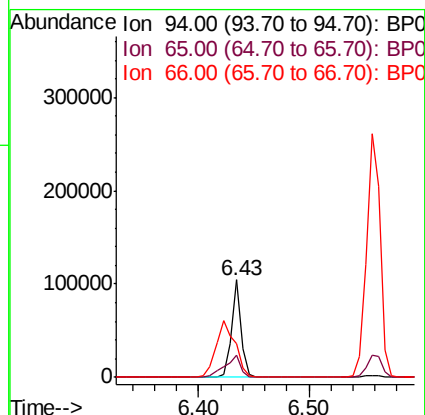
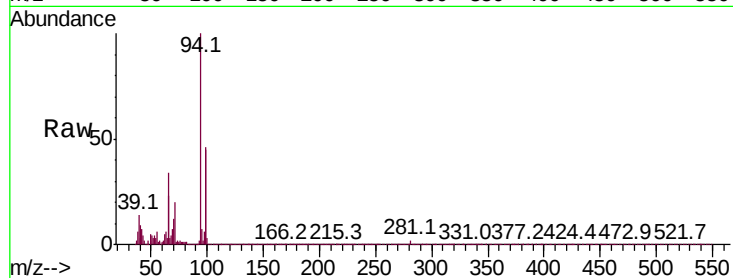
Delta R.T. -0.00 min

Lab File: BP000334.D

Acq: 19 Sep 2019 16:52

Tot Ion: 94 Resp: 64107

Ion	Ratio	Lower	Upper
94	100		
65	23.0	3.3	43.3
66	34.4	12.7	52.7



#19

n-Nitroso-di-n-propylamine

Concen: 10.006 ng

RT: 7.35 min Scan# 894

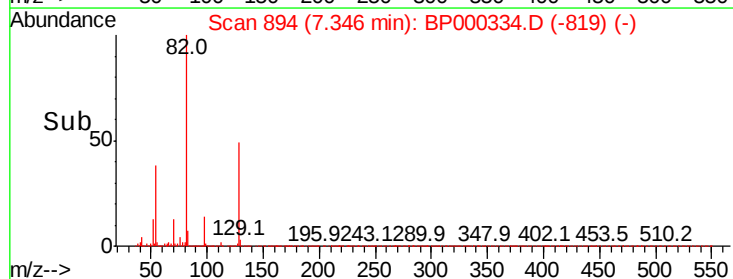
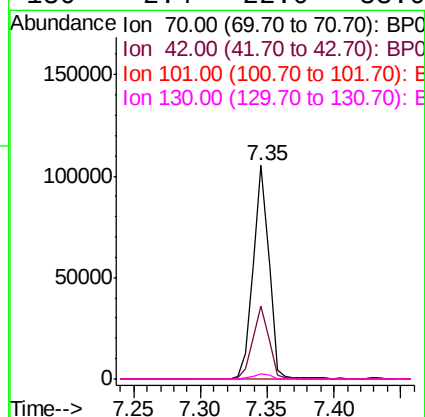
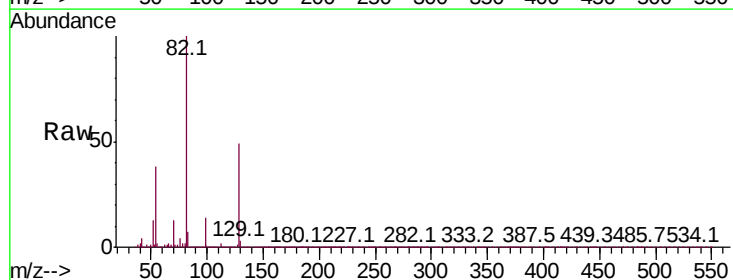
Delta R.T. 0.14 min

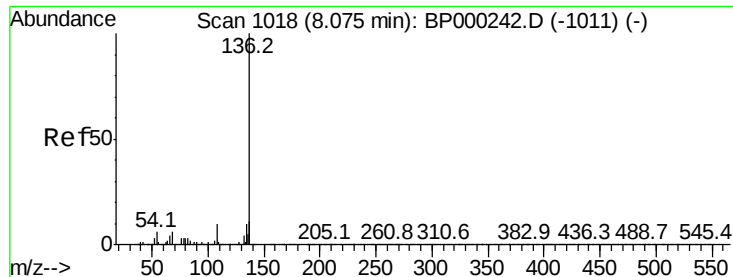
Lab File: BP000334.D

Acq: 19 Sep 2019 16:52

Tgt Ion: 70 Resp: 83971

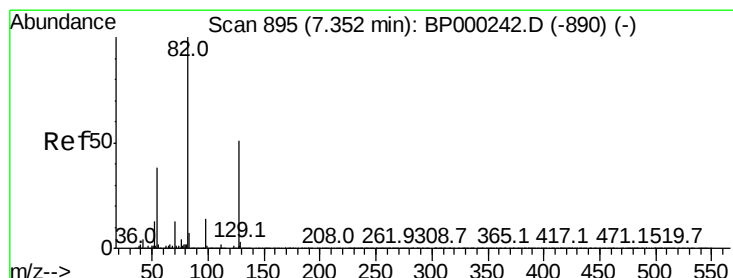
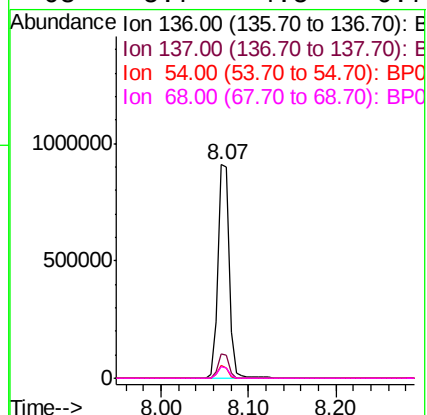
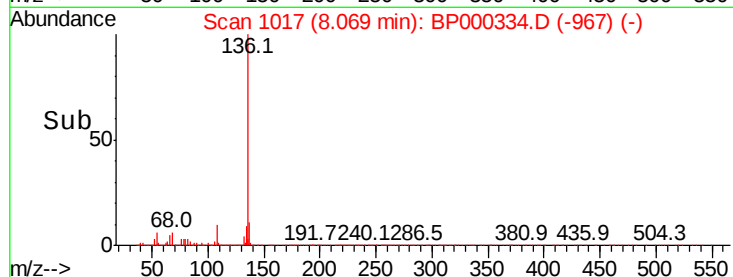
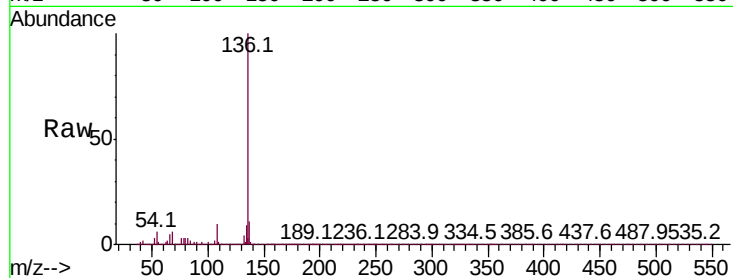
Ion	Ratio	Lower	Upper
70	100		
42	34.1	30.7	46.1
101	0.0	9.6	14.4#
130	2.4	22.0	33.0#





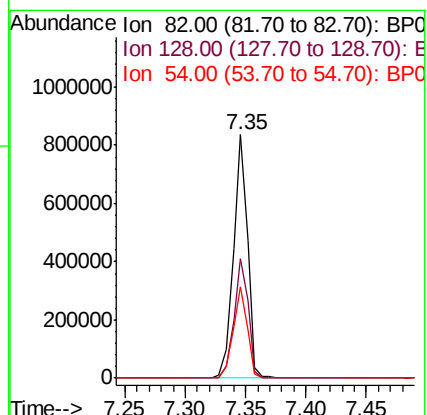
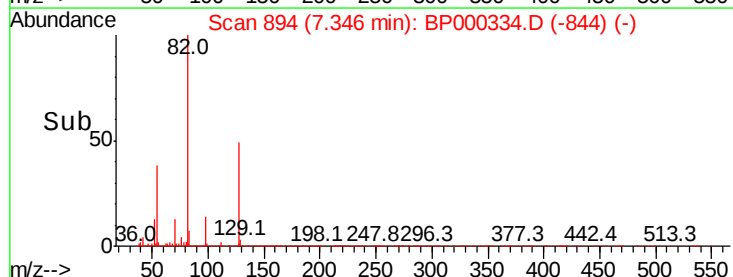
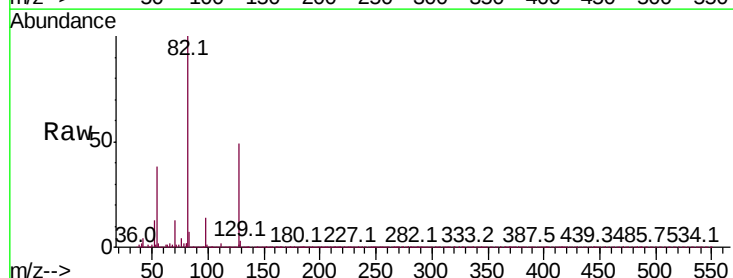
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000334.D
Acq: 19 Sep 2019 16:52

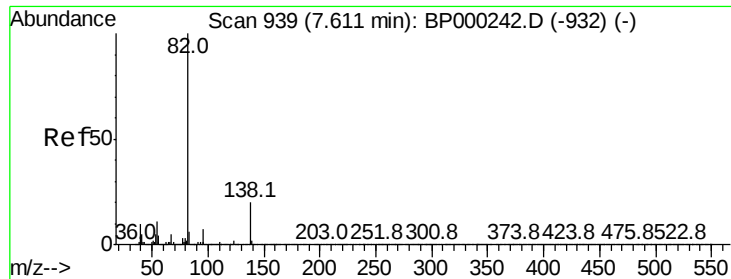
Tot Ion:136	Resp:	822105
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.6	13.0
54 6.0	4.5	6.7
68 5.7	4.5	6.7



#23
Nitrobenzene-d5
Concen: 53.288 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000334.D
Acq: 19 Sep 2019 16:52

Tgt Ion: 82	Resp:	678997
Ion Ratio	Lower	Upper
82 100		
128 49.1	40.7	61.1
54 37.6	30.1	45.1





#25

Isophorone

Concen: 26.912 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000334.D

Acq: 19 Sep 2019 16:52

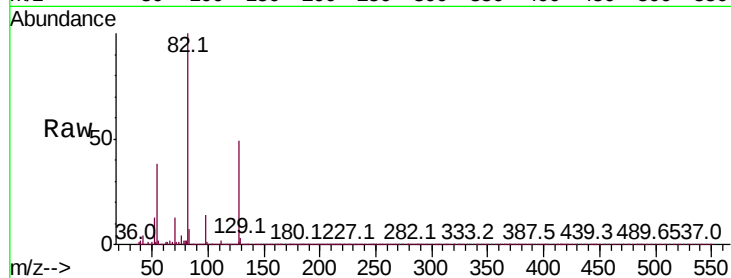
Tot Ion: 82 Resp: 679014

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 15.9 23.9#

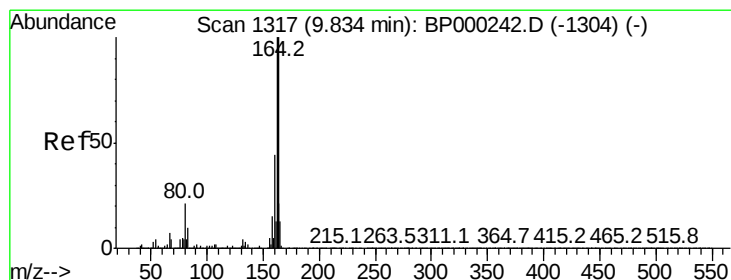
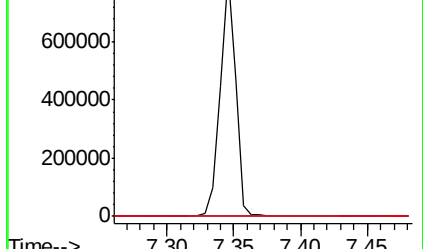
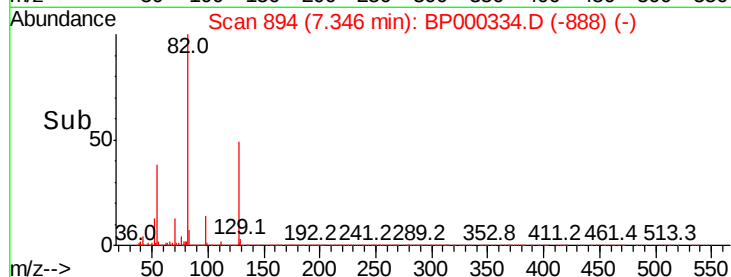


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BP000334.D

Acq: 19 Sep 2019 16:52

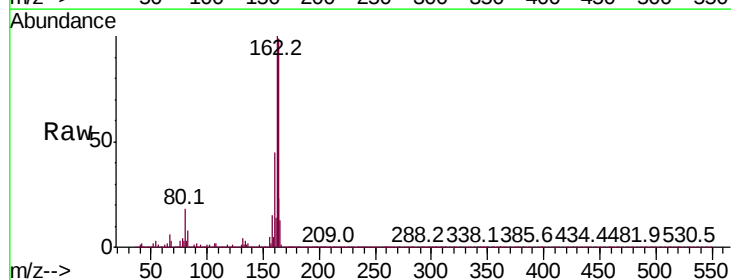
Tgt Ion: 164 Resp: 444841

Ion Ratio Lower Upper

164 100

162 100.8 79.9 119.9

160 45.4 35.6 53.4

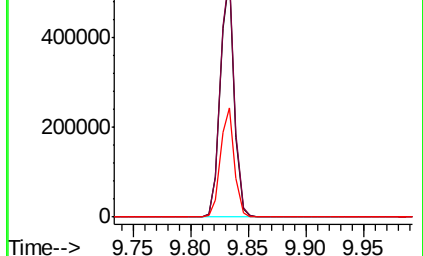
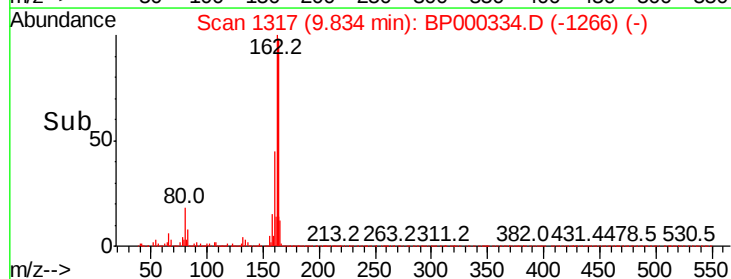


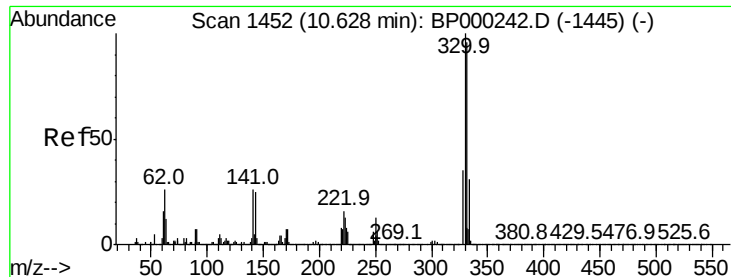
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->





#42

2,4,6-Tribromophenol

Concen: 84.545 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BP000334.D

Acq: 19 Sep 2019 16:52

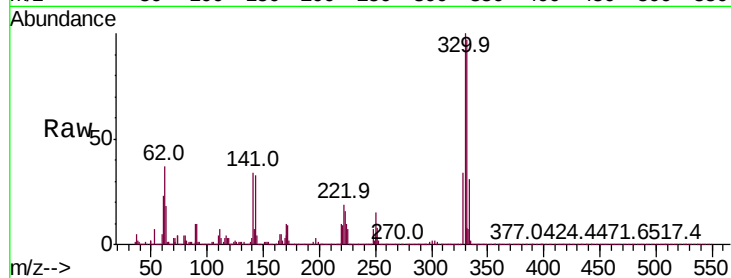
Tot Ion:330 Resp: 373032

Ion Ratio Lower Upper

330 100

332 96.6 76.6 115.0

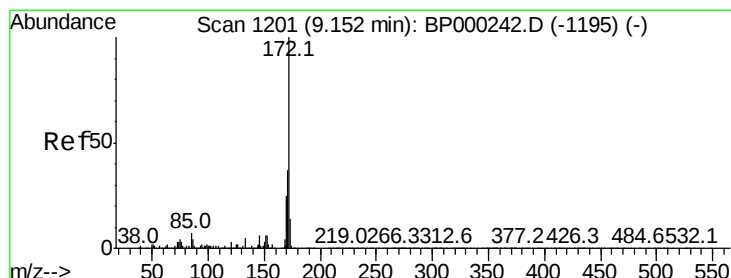
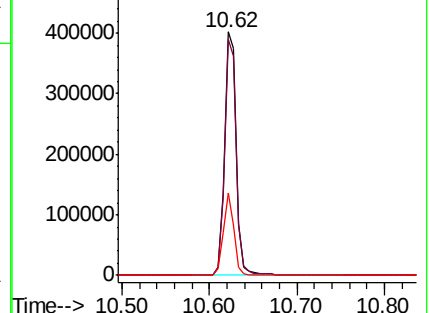
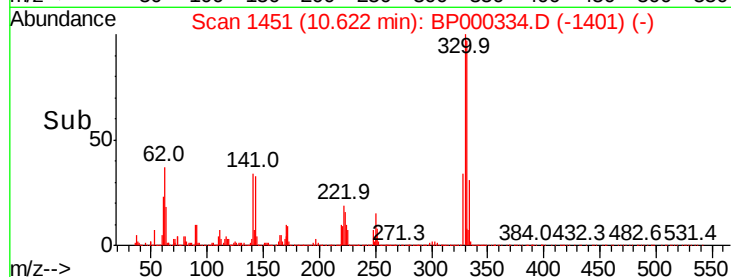
141 30.9 26.5 39.7



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: 60.329 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BP000334.D

Acq: 19 Sep 2019 16:52

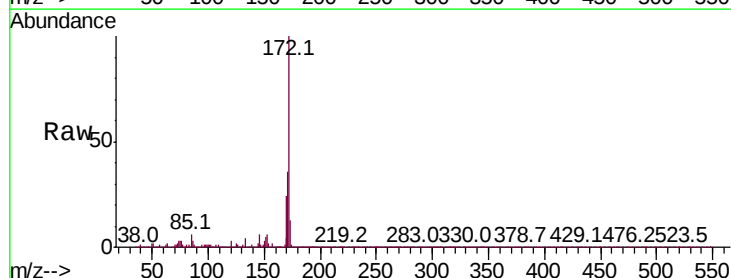
Tgt Ion:172 Resp: 1491105

Ion Ratio Lower Upper

172 100

171 35.8 29.8 44.6

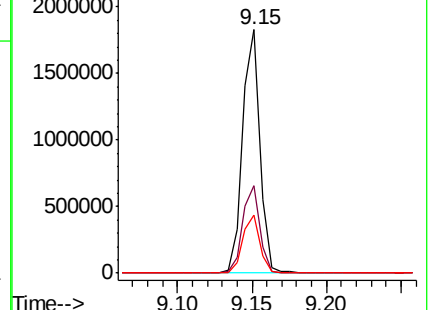
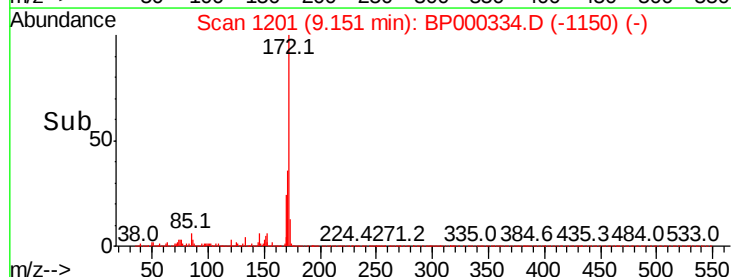
170 23.7 19.8 29.6

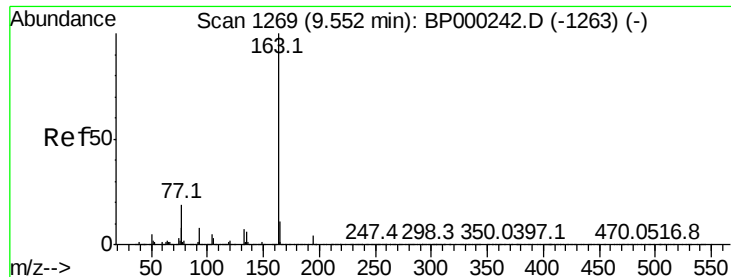


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.927 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BP000334.D

Acq: 19 Sep 2019 16:52

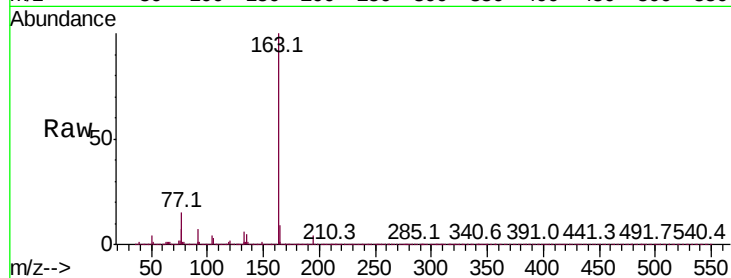
Tot Ion:163 Resp: 209950

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

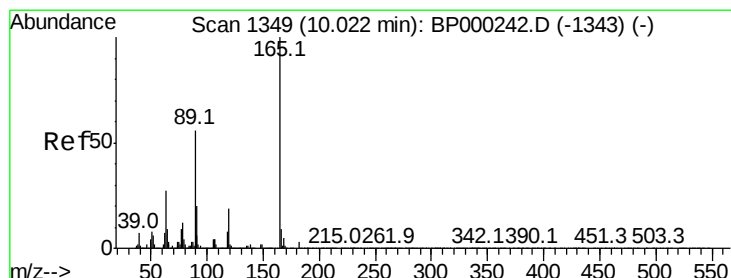
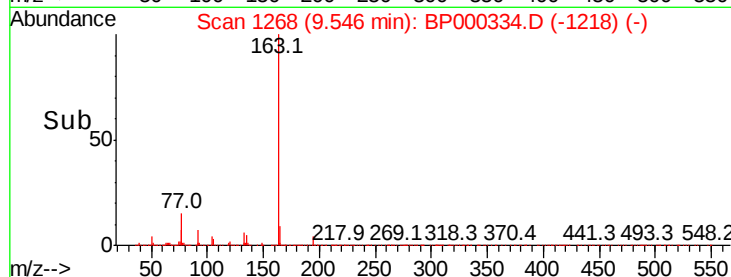
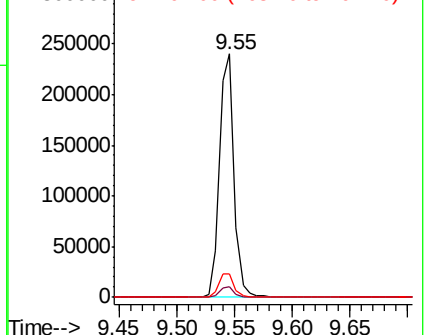
164 9.4 8.5 12.7



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



#57

2,4-Dinitrotoluene

Concen: 6.715 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.19 min

Lab File: BP000334.D

Acq: 19 Sep 2019 16:52

Tgt Ion:165 Resp: 58499

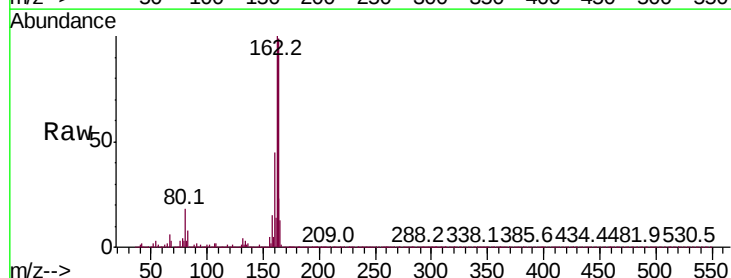
Ion Ratio Lower Upper

165 100

63 0.9 21.7 32.5#

89 1.3 45.0 67.6#

182 0.0 2.4 3.6#

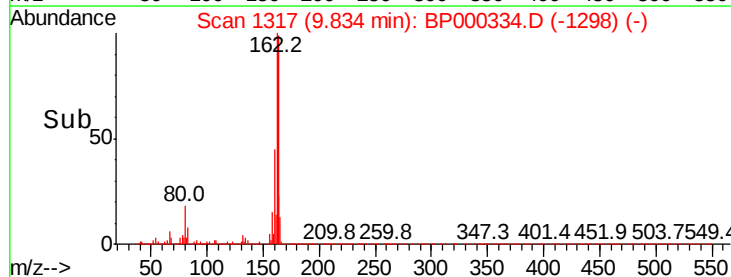
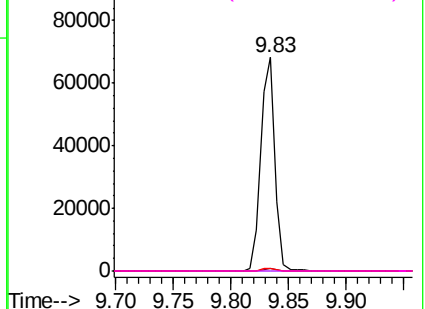


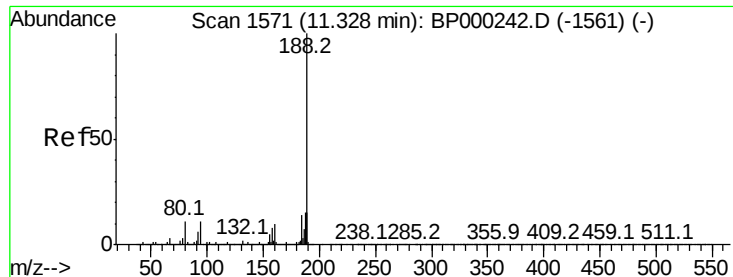
Abundance Ion 165.00 (164.70 to 165.70): E

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

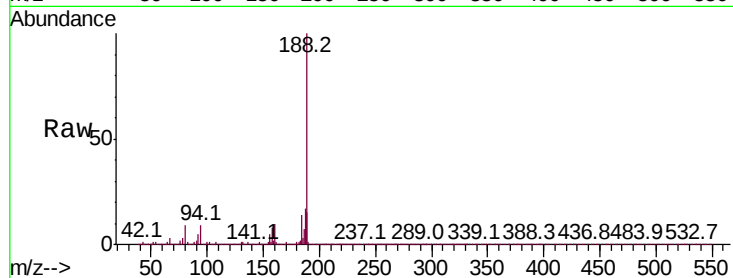
RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BP000334.D

Acq: 19 Sep 2019 16:52

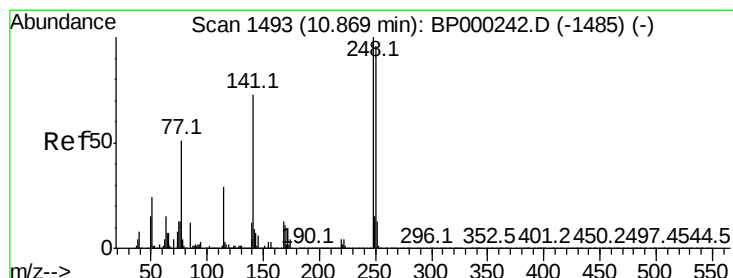
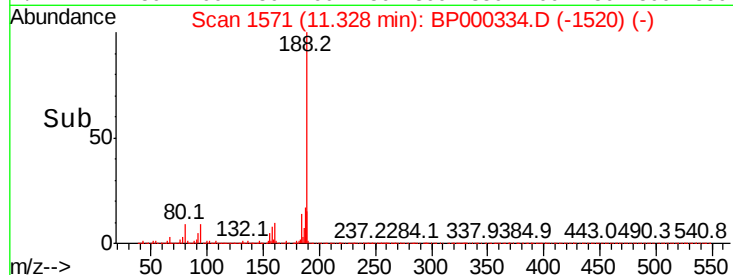
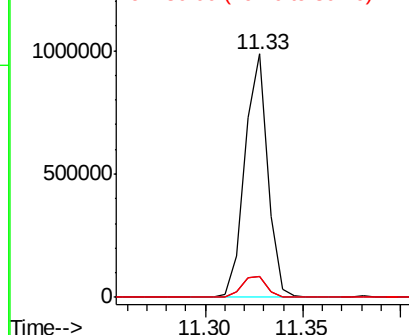
Tot Ion:	188	Resp:	802695
Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	8.6	8.6	13.0#



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: 2.783 ng

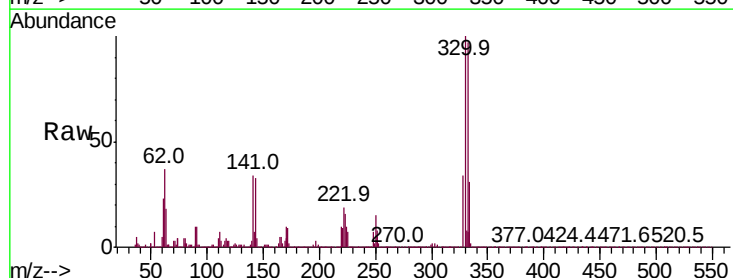
RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BP000334.D

Acq: 19 Sep 2019 16:52

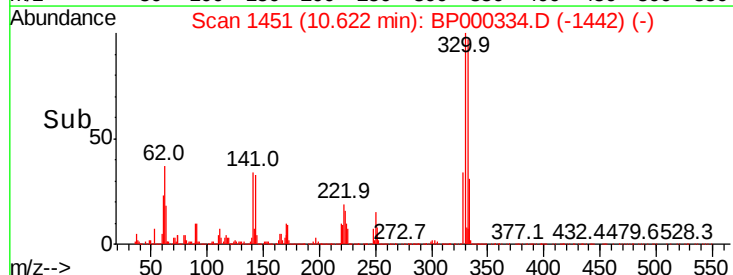
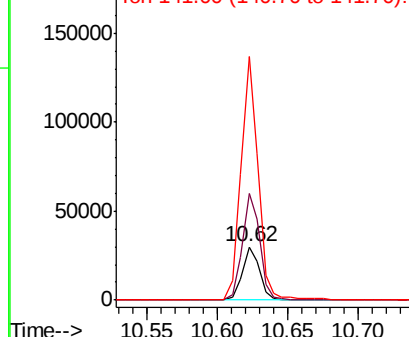
Tgt Ion:	248	Resp:	25262
Ion	Ratio	Lower	Upper
248	100		
250	200.0	77.0	115.4#
141	457.5	58.5	87.7#

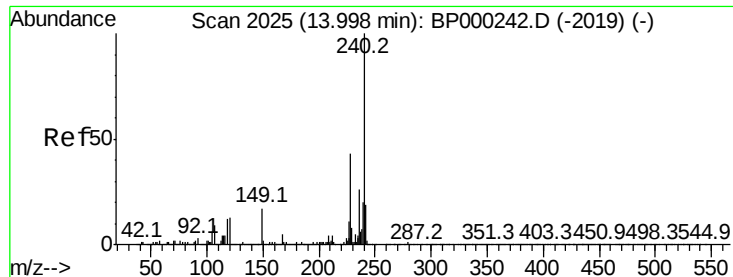


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

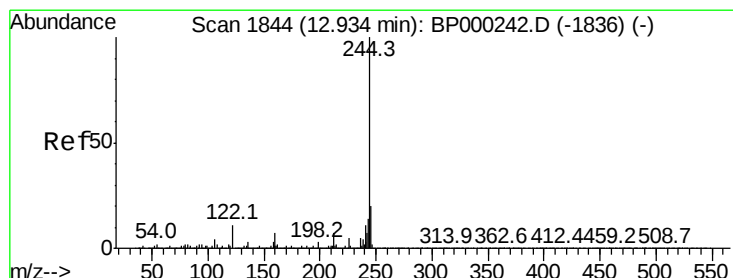
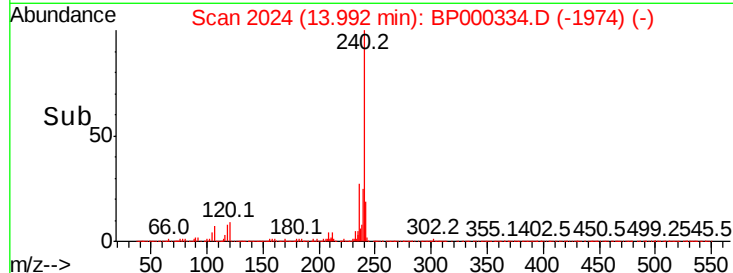
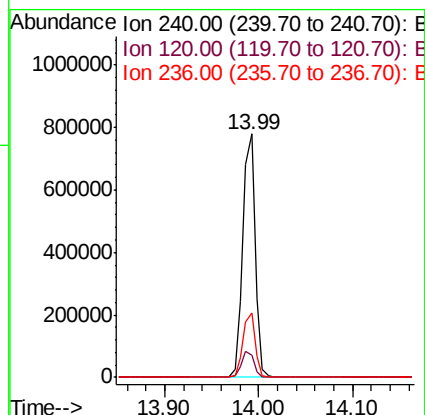
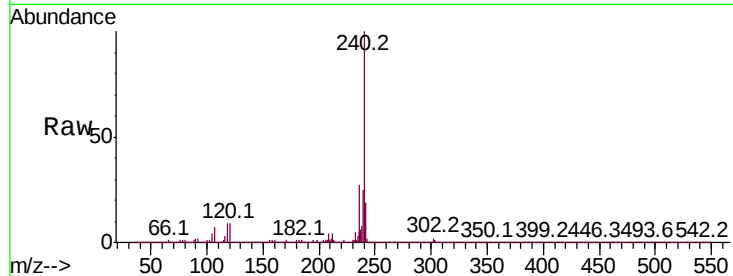
Ion 141.00 (140.70 to 141.70): E





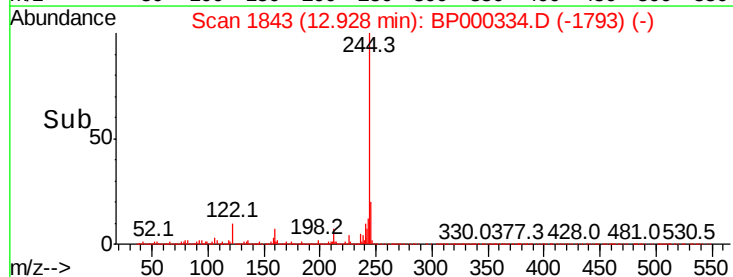
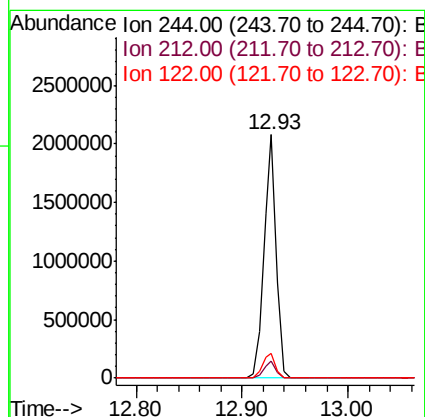
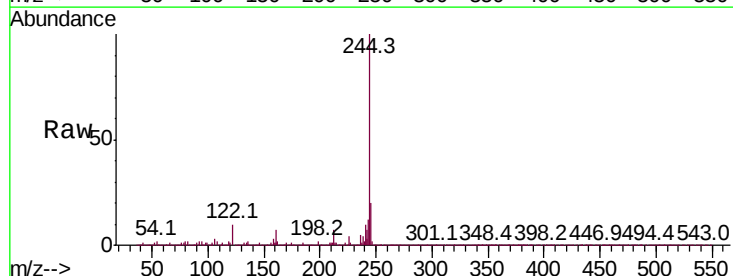
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000334.D
Acq: 19 Sep 2019 16:52

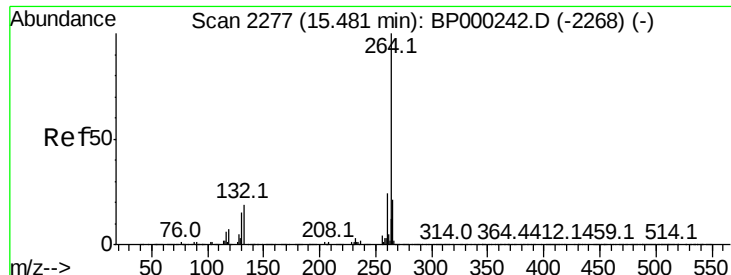
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.4	10.4	15.6#
236	26.7	21.0	31.6



#79
Terphenyl-d14
Concen: 49.743 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000334.D
Acq: 19 Sep 2019 16:52

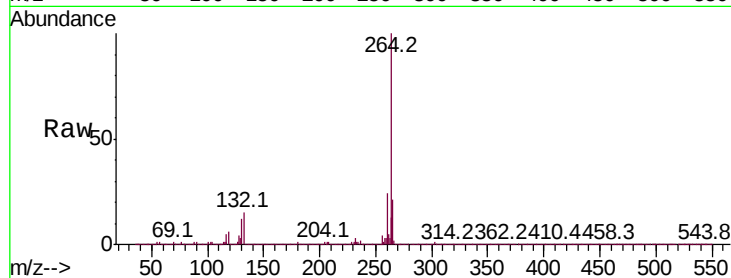
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	10.0	9.0	13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000334.D
Acq: 19 Sep 2019 16:52

Tot Ion:	264	Resp:	812541
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.9	28.3
265	21.1	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

