

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
 Data File : BP000325.D
 Acq On : 19 Sep 2019 13:17
 Operator : HP/JU
 Sample : K4938-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

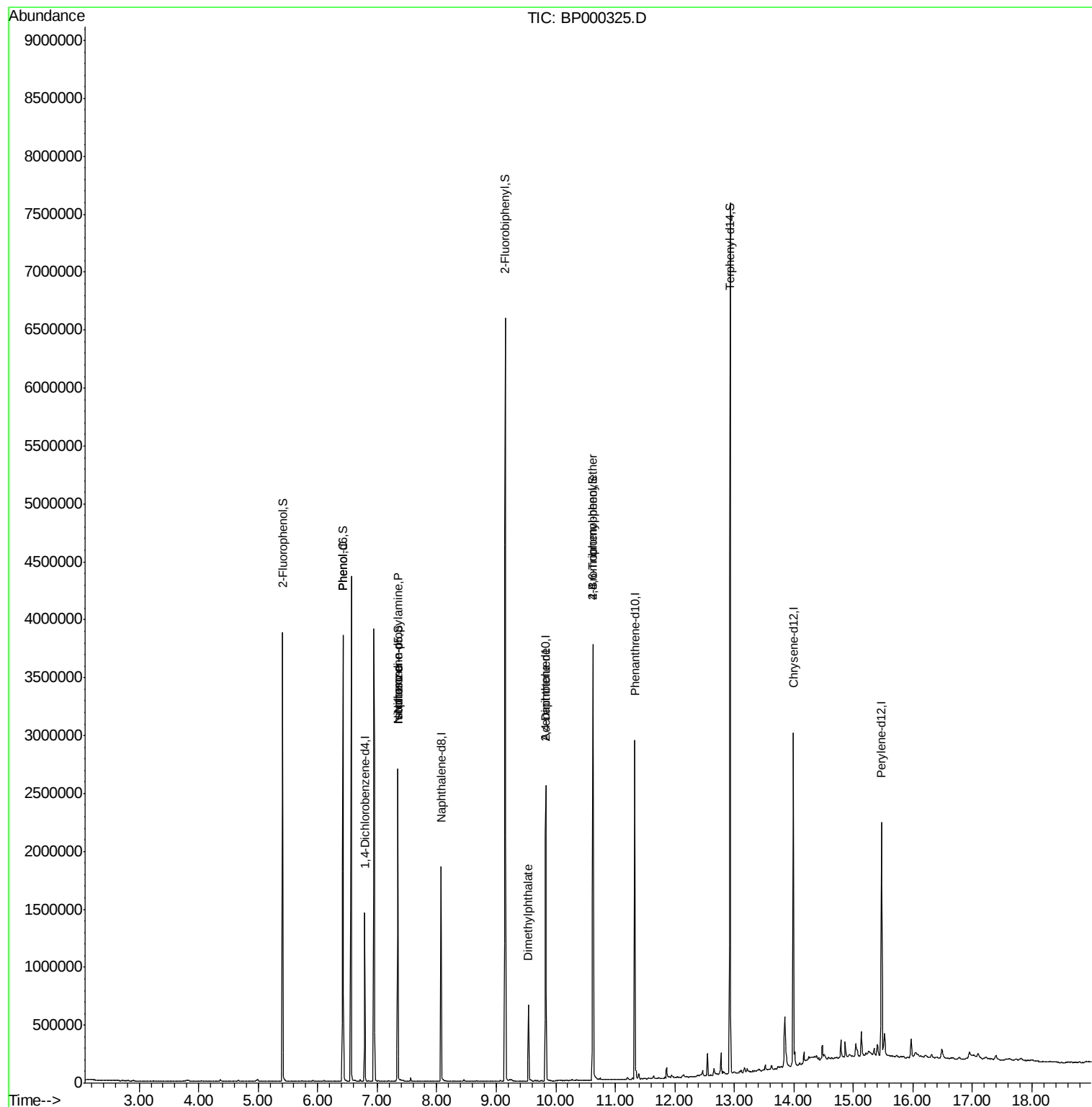
Quant Time: Sep 20 02:05:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

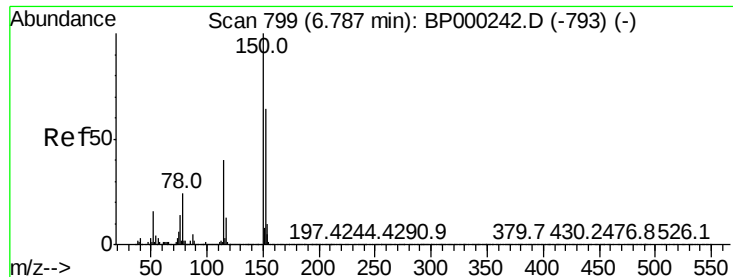
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	229334	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	860104	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	505846	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1001469	20.00	ng	0.00
76) Chrysene-d12	13.99	240	884104	20.00	ng	0.00
87) Perylene-d12	15.47	264	924282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1174967	88.45	ng	0.00
7) Phenol-d6	6.43	99	1541350	94.66	ng	0.00
23) Nitrobenzene-d5	7.35	82	861551	64.63	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	496307	98.92	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1877176	66.79	ng	0.00
79) Terphenyl-d14	12.93	244	2455863	58.27	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	2766	Below Cal	#	1
10) Phenol	6.43	94	48708	2.633	ng	84
19) n-Nitroso-di-n-propylamine	7.35	70	107038	12.433	ng	# 76
25) Isophorone	7.35	82	860289	32.590	ng	# 63
50) Dimethylphthalate	9.54	163	280633	8.143	ng	100
57) 2,4-Dinitrotoluene	9.83	165	66231	6.686	ng	# 35
67) 4-Bromophenyl-phenylether	10.62	248	33514	2.959	ng	# 1
69) Atrazine	11.03	200	21	Below Cal	#	1

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

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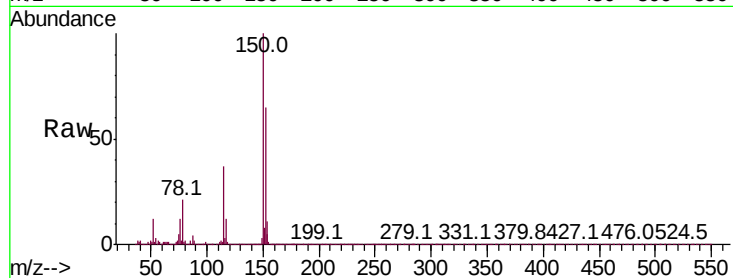




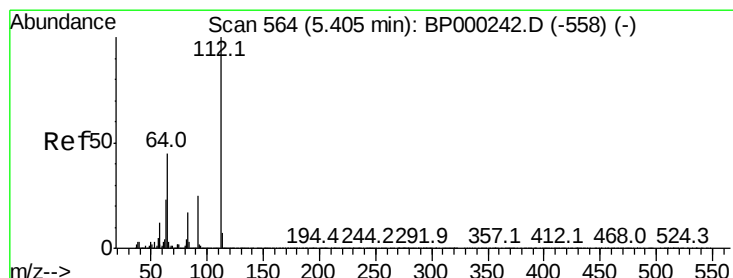
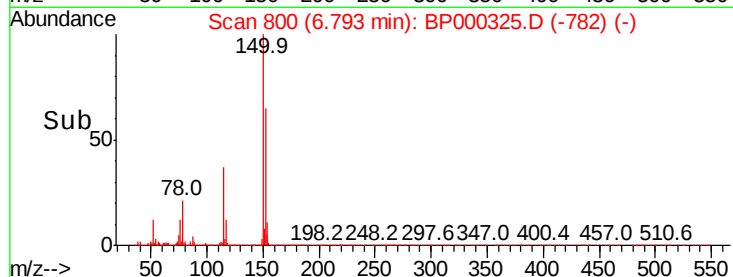
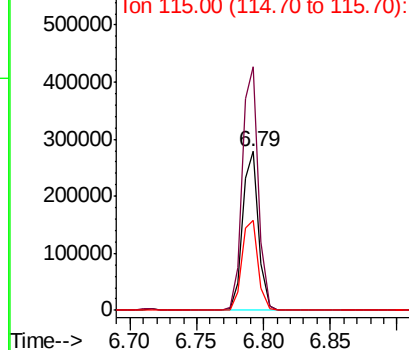
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000325.D
Acq: 19 Sep 2019 13:17

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	125.2	187.8
115	56.4	49.7	74.5



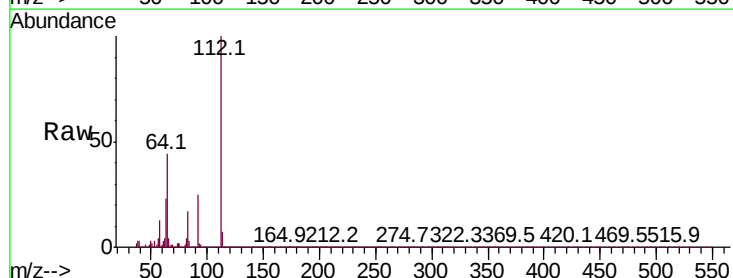
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



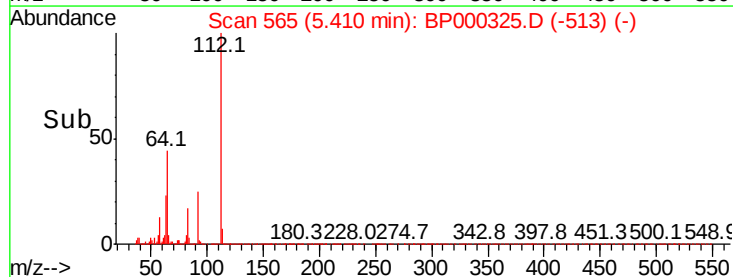
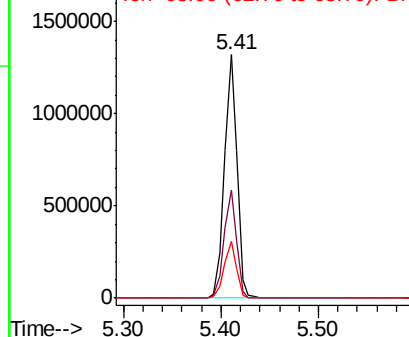
#5

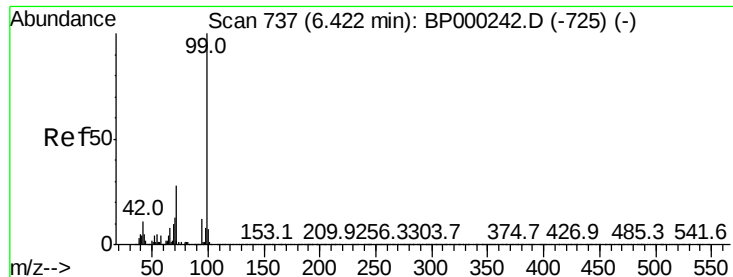
2-Fluorophenol
Concen: 88.448 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000325.D
Acq: 19 Sep 2019 13:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.1	36.2	54.4
63	23.1	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: 94.655 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000325.D

Acq: 19 Sep 2019 13:17

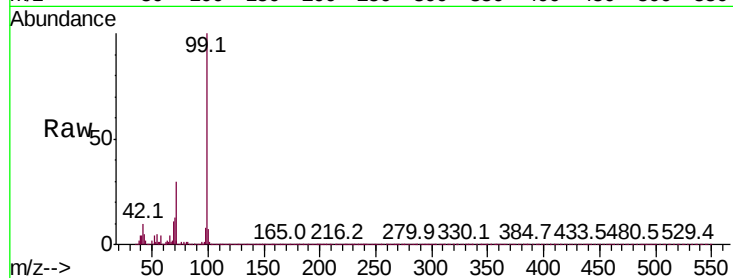
Tot Ion: 99 Resp: 1541350

Ion Ratio Lower Upper

99 100

42 10.4 8.5 12.7

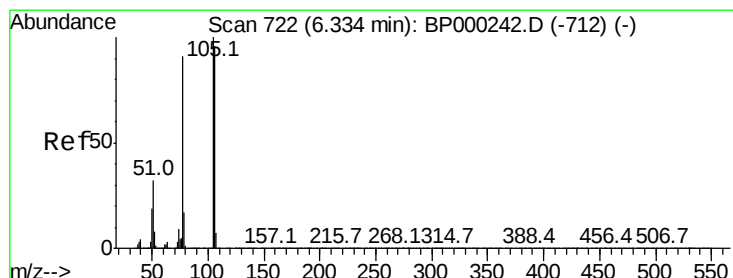
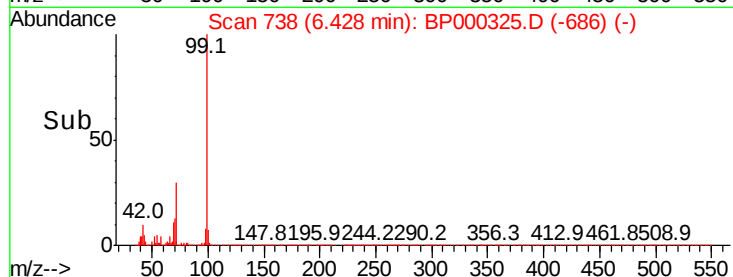
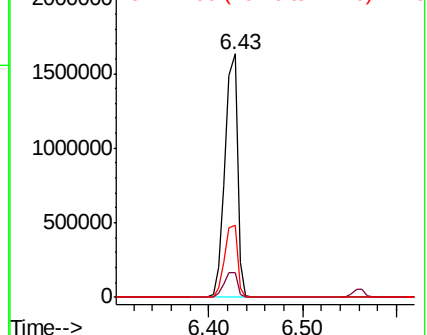
71 29.8 22.6 34.0



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: 6.43 min Scan# 738

Delta R.T. 0.09 min

Lab File: BP000325.D

Acq: 19 Sep 2019 13:17

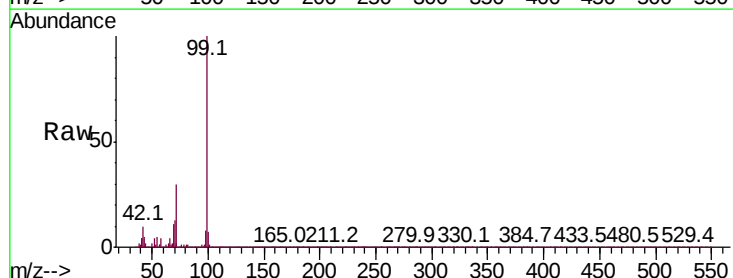
Tgt Ion: 77 Resp: 2766

Ion Ratio Lower Upper

77 100

105 7.4 89.6 129.6#

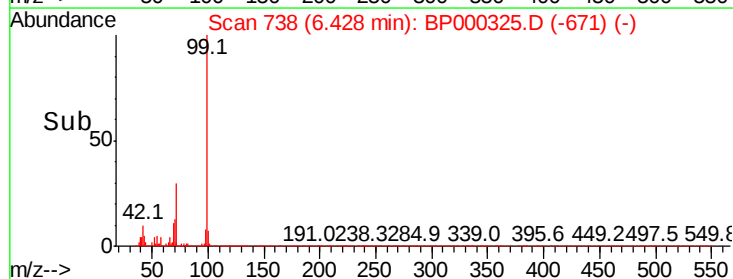
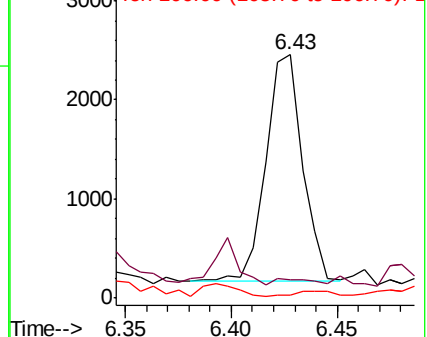
106 1.4 84.6 124.6#

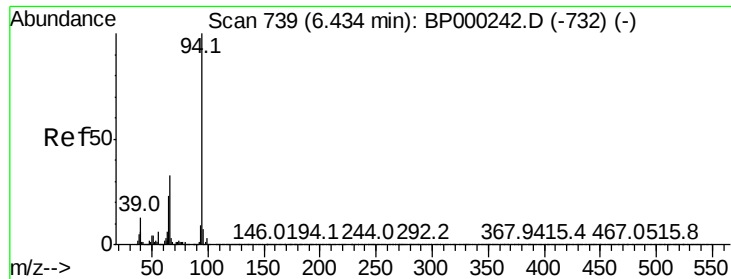


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.633 ng

RT: 6.43 min Scan# 739

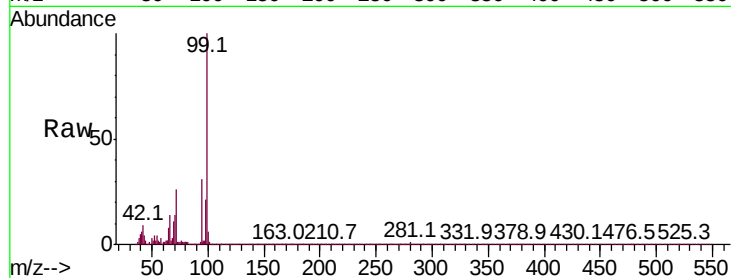
Delta R.T. -0.00 min

Lab File: BP000325.D

Acq: 19 Sep 2019 13:17

Tot Ion: 94 Resp: 48708

Ion	Ratio	Lower	Upper
94	100		
65	26.9	3.3	43.3
66	45.0	12.7	52.7

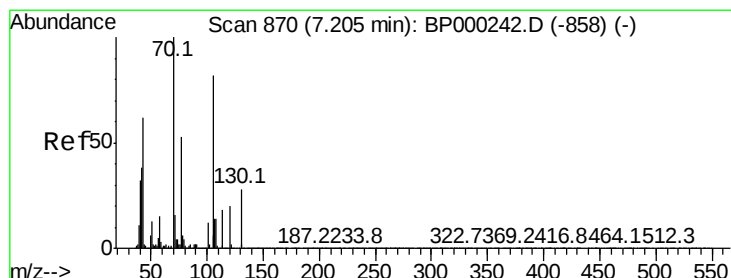
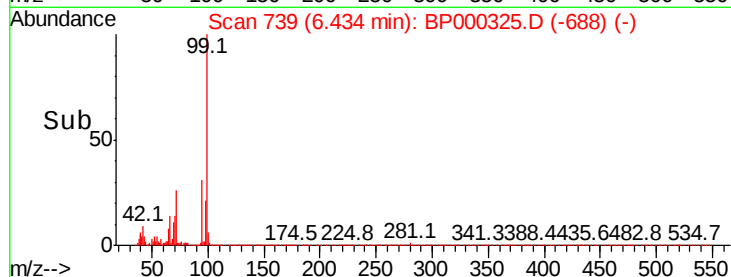
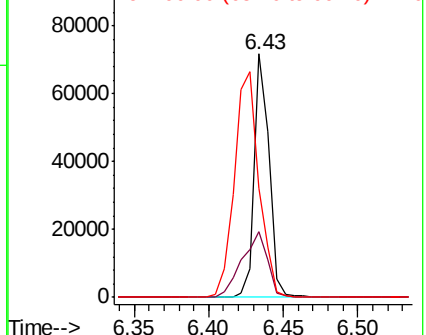


Abundance

Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



#19

n-Nitroso-di-n-propylamine

Concen: 12.433 ng

RT: 7.35 min Scan# 894

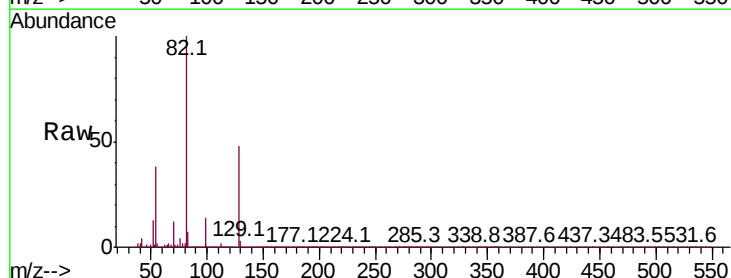
Delta R.T. 0.14 min

Lab File: BP000325.D

Acq: 19 Sep 2019 13:17

Tgt Ion: 70 Resp: 107038

Ion	Ratio	Lower	Upper
70	100		
42	35.2	30.7	46.1
101	0.0	9.6	14.4#
130	2.5	22.0	33.0#



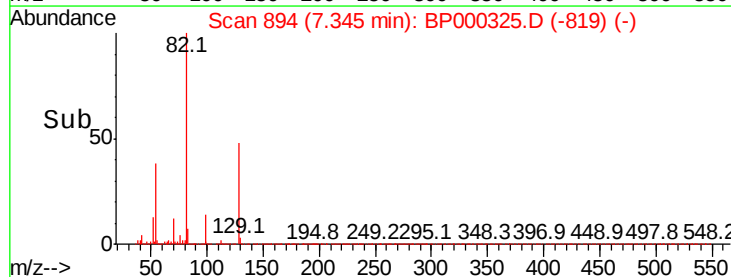
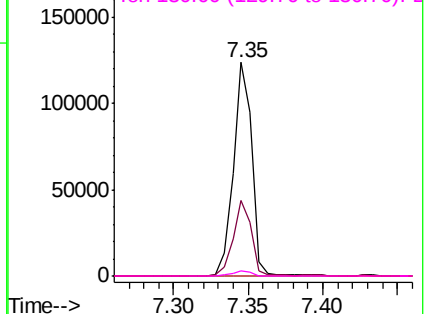
Abundance

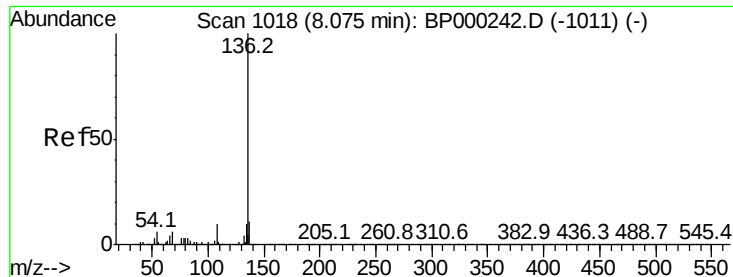
Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

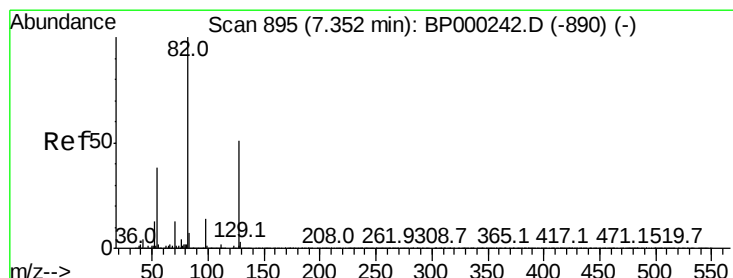
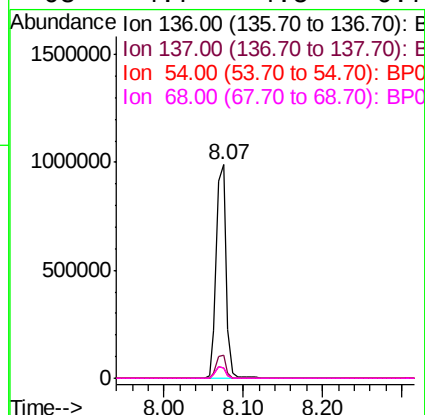
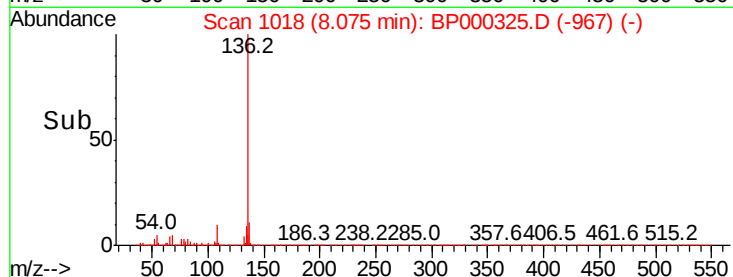
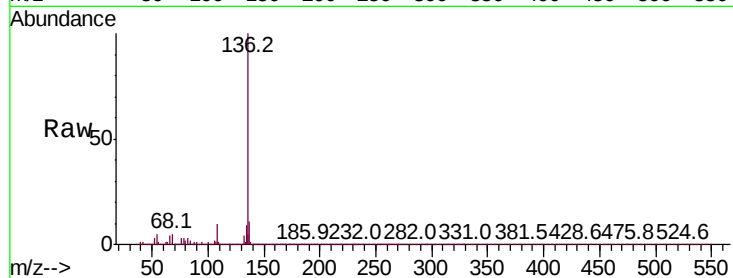
RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BP000325.D

Acq: 19 Sep 2019 13:17

Tot Ion:136	Resp:	860104
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.6 13.0
54	4.9	4.5 6.7
68	4.7	4.5 6.7



#23

Nitrobenzene-d5

Concen: 64.628 ng

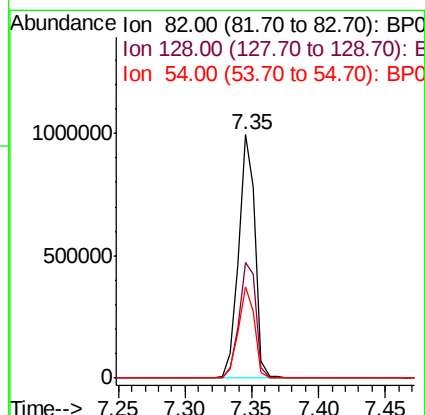
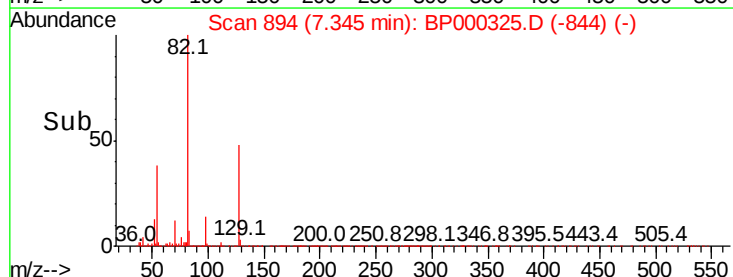
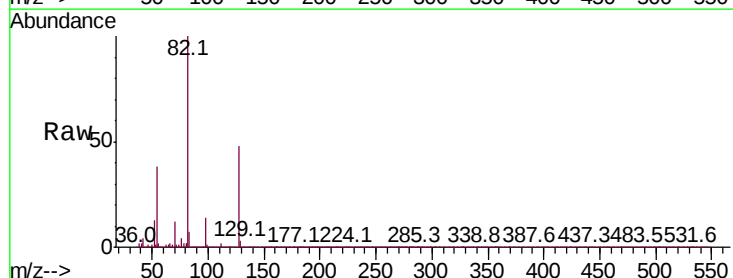
RT: 7.35 min Scan# 894

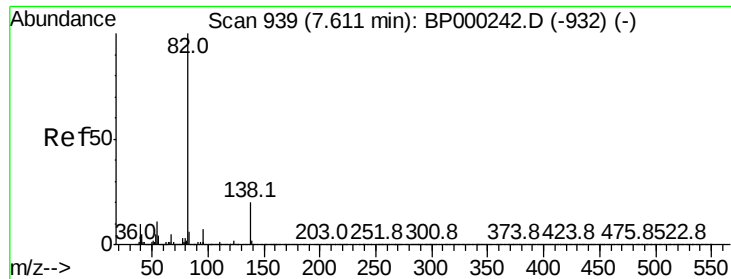
Delta R.T. -0.01 min

Lab File: BP000325.D

Acq: 19 Sep 2019 13:17

Tgt Ion: 82	Resp:	861551
Ion	Ratio	Lower Upper
82	100	
128	47.5	40.7 61.1
54	37.7	30.1 45.1





#25

Isophorone

Concen: 32.590 ng

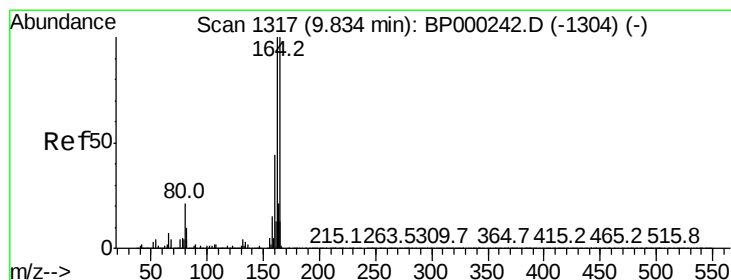
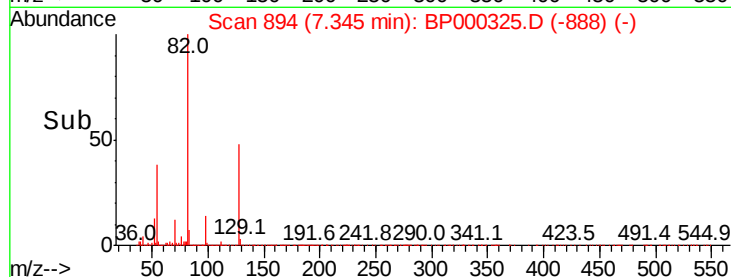
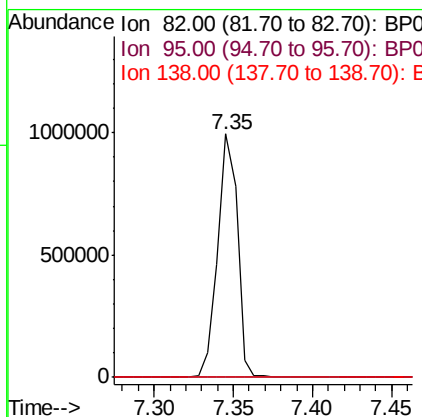
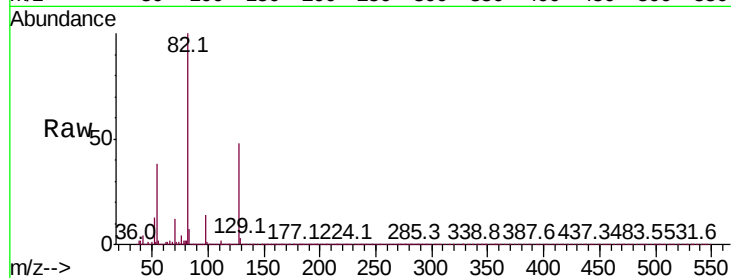
RT: 7.35 min Scan# 894

Delta R.T. -0.27 min

Lab File: BP000325.D

Acq: 19 Sep 2019 13:17

Tot Ion:	82	Resp:	860289
Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.9	8.9#
138	0.0	15.9	23.9#



#39

Acenaphthene-d10

Concen: 20.000 ng

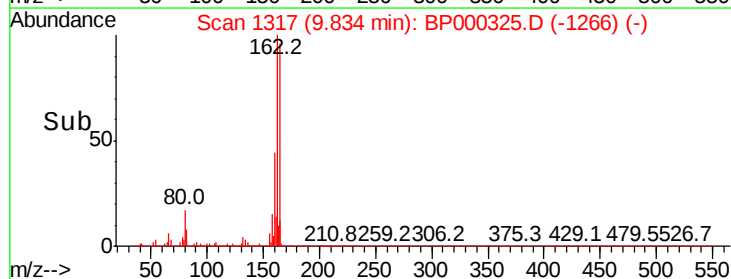
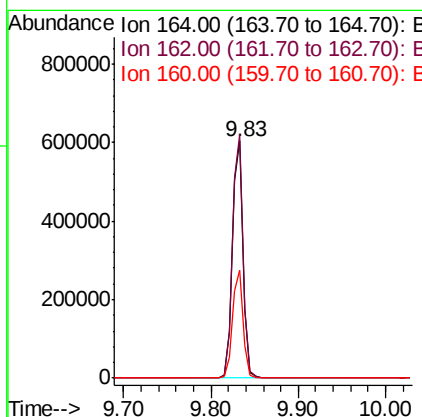
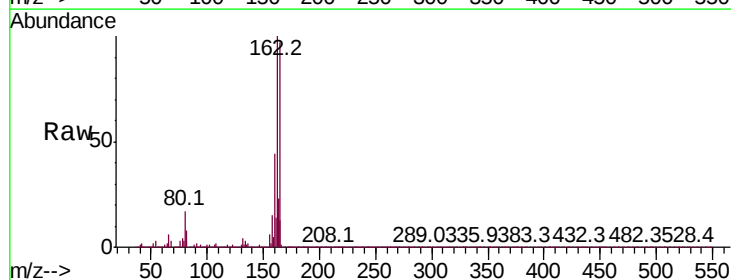
RT: 9.83 min Scan# 1317

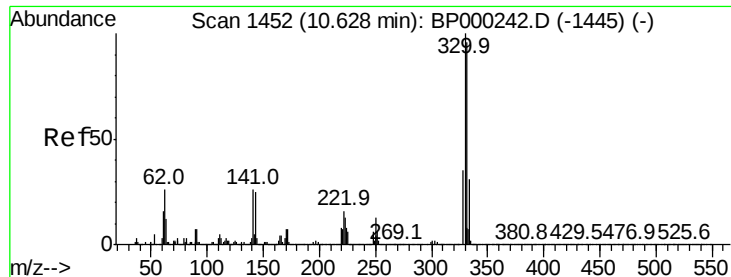
Delta R.T. -0.00 min

Lab File: BP000325.D

Acq: 19 Sep 2019 13:17

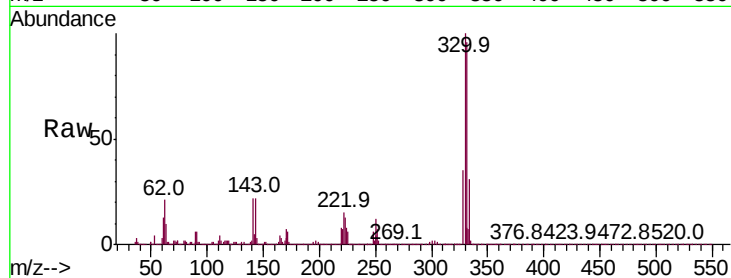
Tgt Ion:	164	Resp:	505846
Ion	Ratio	Lower	Upper
164	100		
162	102.9	79.9	119.9
160	45.6	35.6	53.4



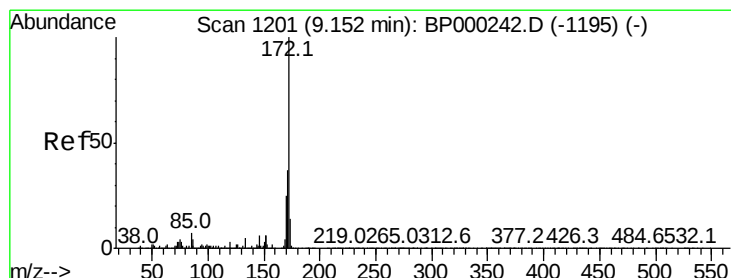
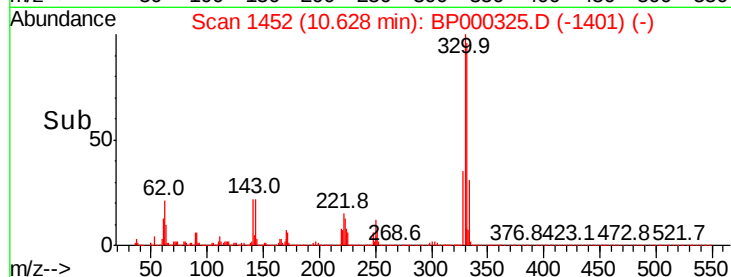
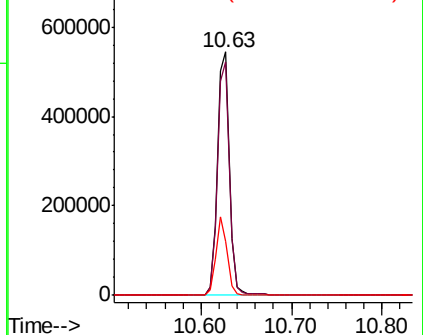


#42
 2,4,6-Tribromophenol
 Concen: 98.919 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BP000325.D
 Acq: 19 Sep 2019 13:17

Tot Ion:	330	Resp:	496307
Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	30.3	26.5	39.7

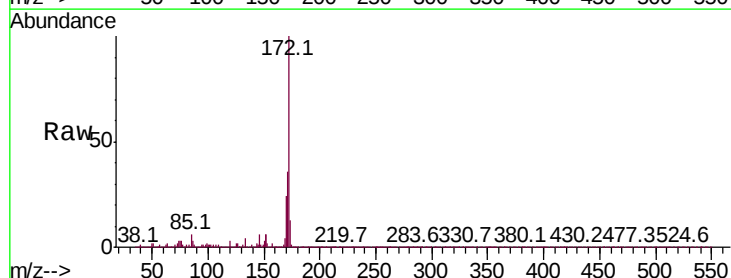


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

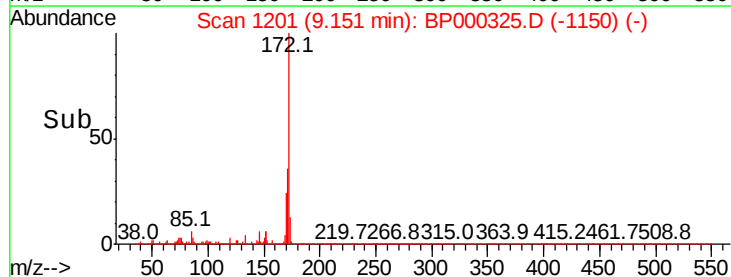
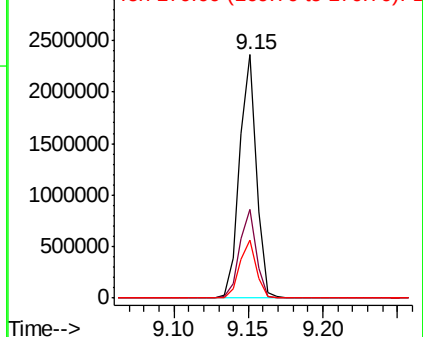


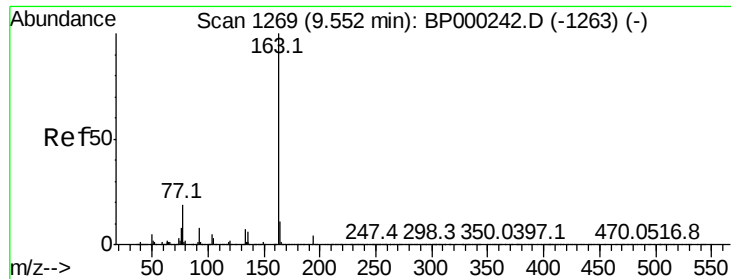
#45
 2-Fluorobiphenyl
 Concen: 66.790 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BP000325.D
 Acq: 19 Sep 2019 13:17

Tgt Ion:	172	Resp:	1877176
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.8	44.6
170	24.0	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: 8.143 ng

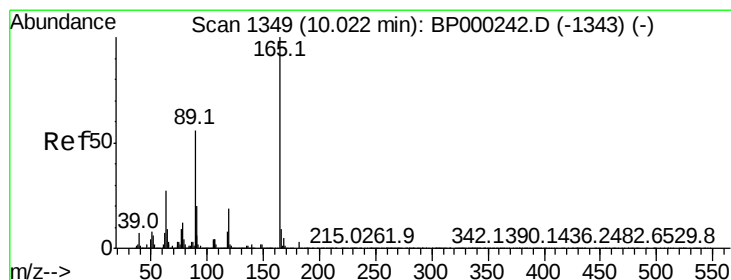
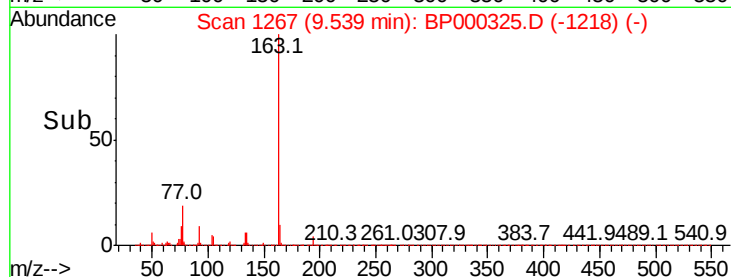
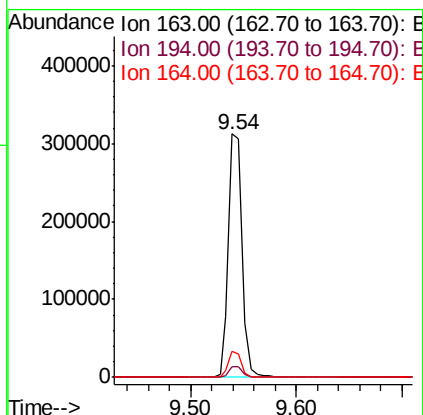
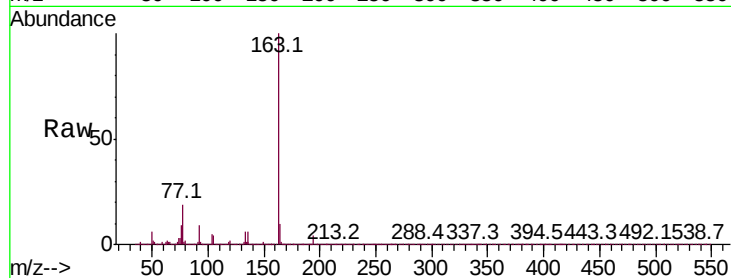
RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BP000325.D

Acq: 19 Sep 2019 13:17

Tot Ion:	163	Resp:	280633
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.4	8.5	12.7



#57

2,4-Dinitrotoluene

Concen: 6.686 ng

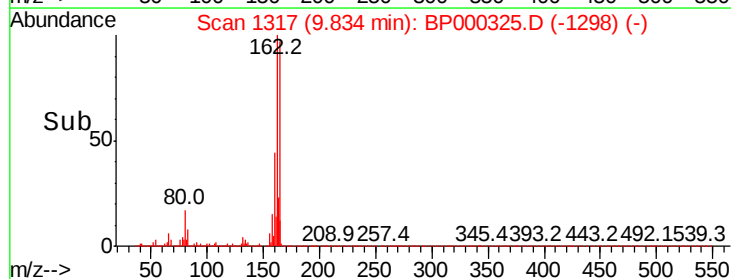
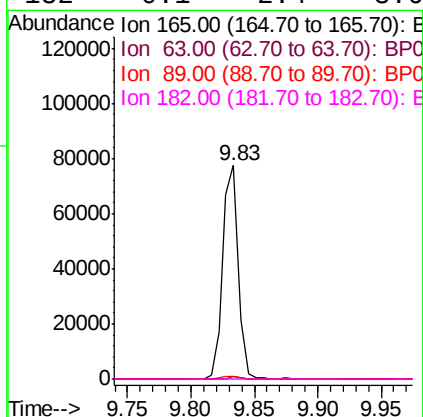
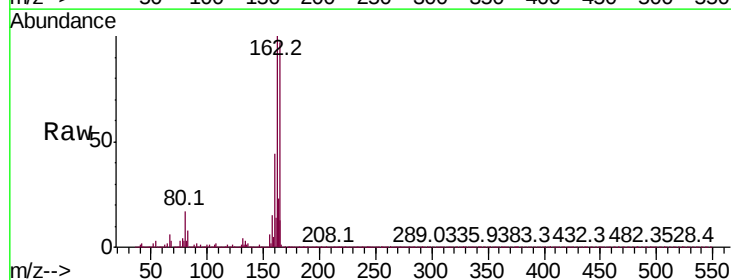
RT: 9.83 min Scan# 1317

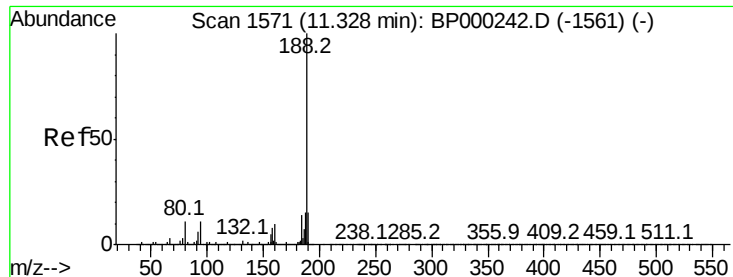
Delta R.T. -0.19 min

Lab File: BP000325.D

Acq: 19 Sep 2019 13:17

Tgt Ion:	165	Resp:	66231
Ion	Ratio	Lower	Upper
165	100		
63	0.9	21.7	32.5#
89	1.4	45.0	67.6#
182	0.1	2.4	3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

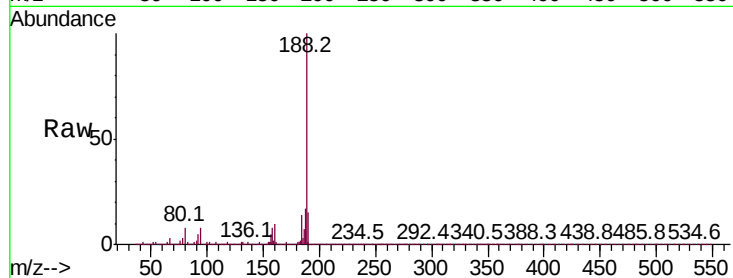
Delta R.T. -0.00 min

Lab File: BP000325.D

Acq: 19 Sep 2019 13:17

Tot Ion:188 Resp: 1001469

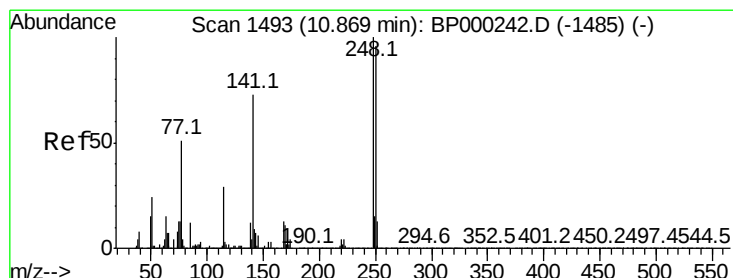
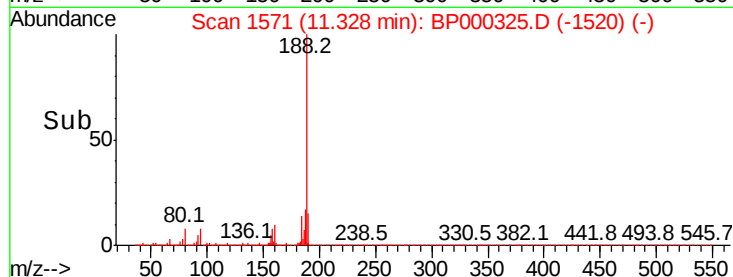
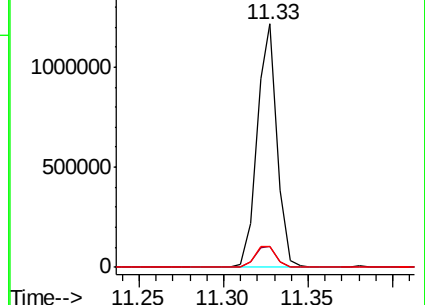
Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	8.4	8.6	13.0#



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: 2.959 ng

RT: 10.62 min Scan# 1451

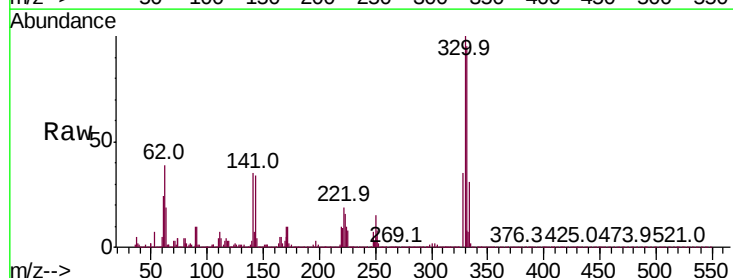
Delta R.T. -0.25 min

Lab File: BP000325.D

Acq: 19 Sep 2019 13:17

Tgt Ion:248 Resp: 33514

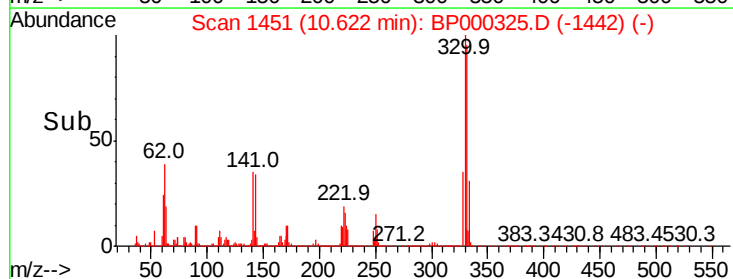
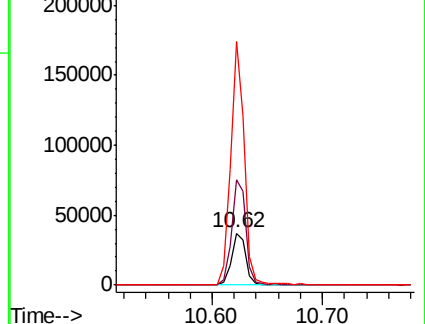
Ion	Ratio	Lower	Upper
248	100		
250	202.7	77.0	115.4#
141	468.8	58.5	87.7#

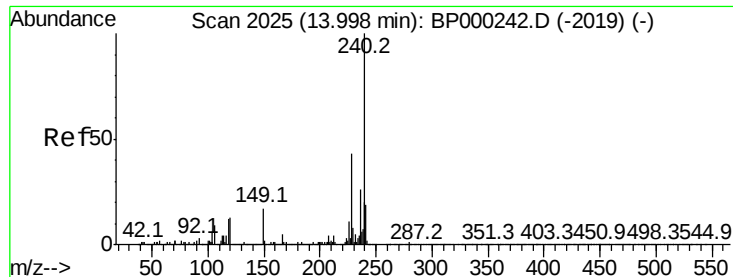


Abundance Ion 248.00 (247.70 to 248.70): E

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: BP000325.D

Acq: 19 Sep 2019 13:17

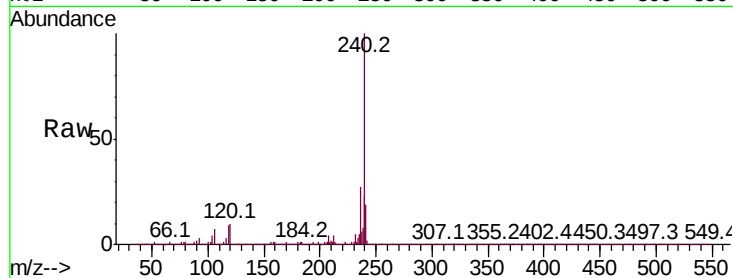
Tot Ion:240 Resp: 884104

Ion	Ratio	Lower	Upper
240	100		
120	10.0	10.4	15.6#
236	26.6	21.0	31.6

240 100

120 10.0 10.4 15.6#

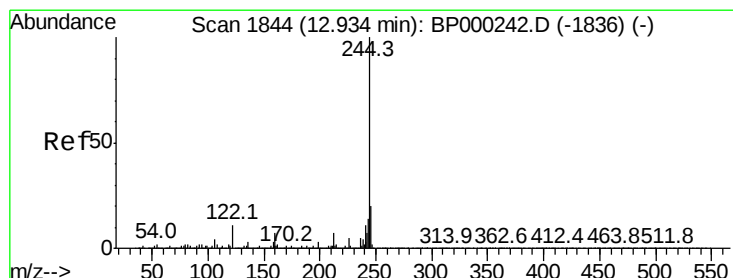
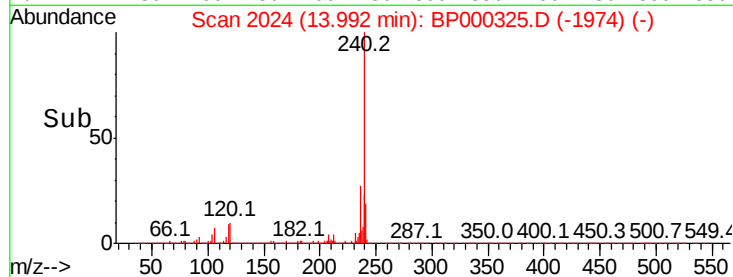
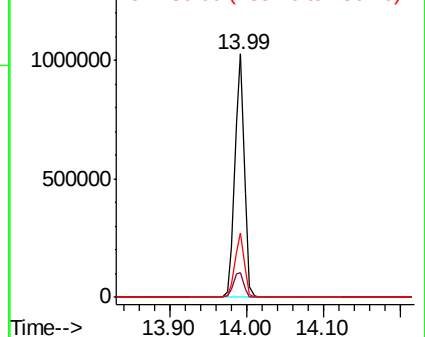
236 26.6 21.0 31.6



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: 58.274 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000325.D

Acq: 19 Sep 2019 13:17

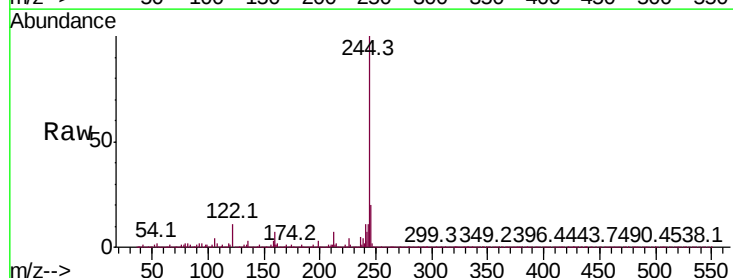
Tgt Ion:244 Resp: 2455863

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.6	9.0	13.4

244 100

212 7.3 5.9 8.9

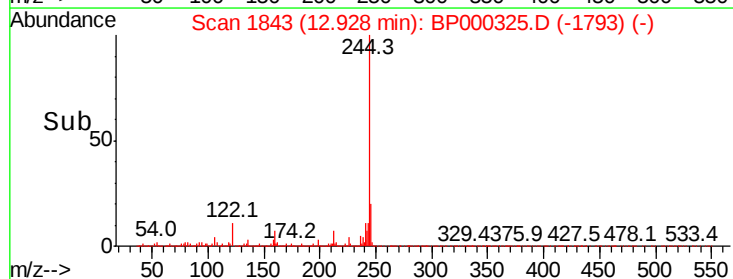
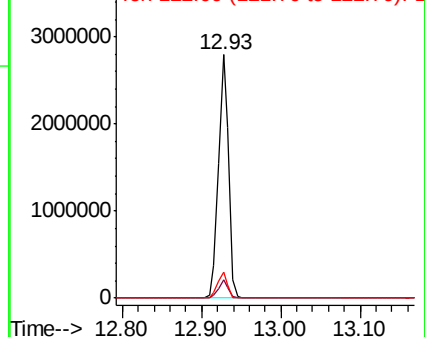
122 10.6 9.0 13.4

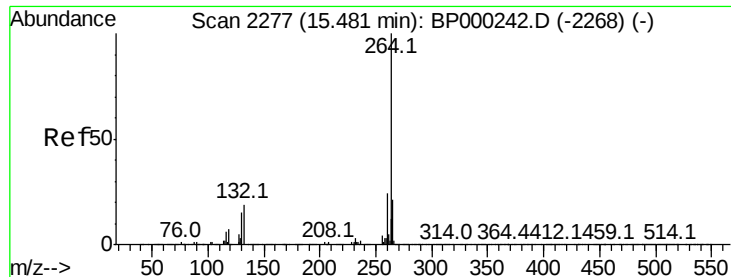


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

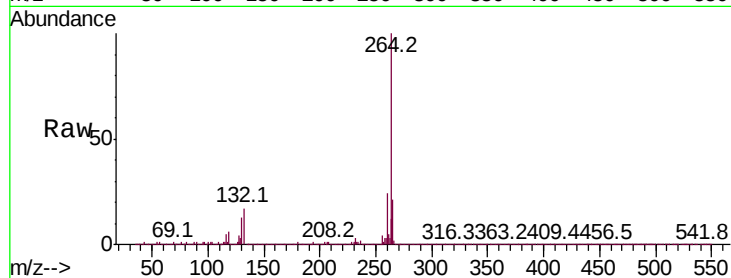
Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000325.D
Acq: 19 Sep 2019 13:17

Tot Ion:	264	Resp:	924282
Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	21.4	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

