

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
 Data File : BP000326.D
 Acq On : 19 Sep 2019 13:41
 Operator : HP/JU
 Sample : K4938-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

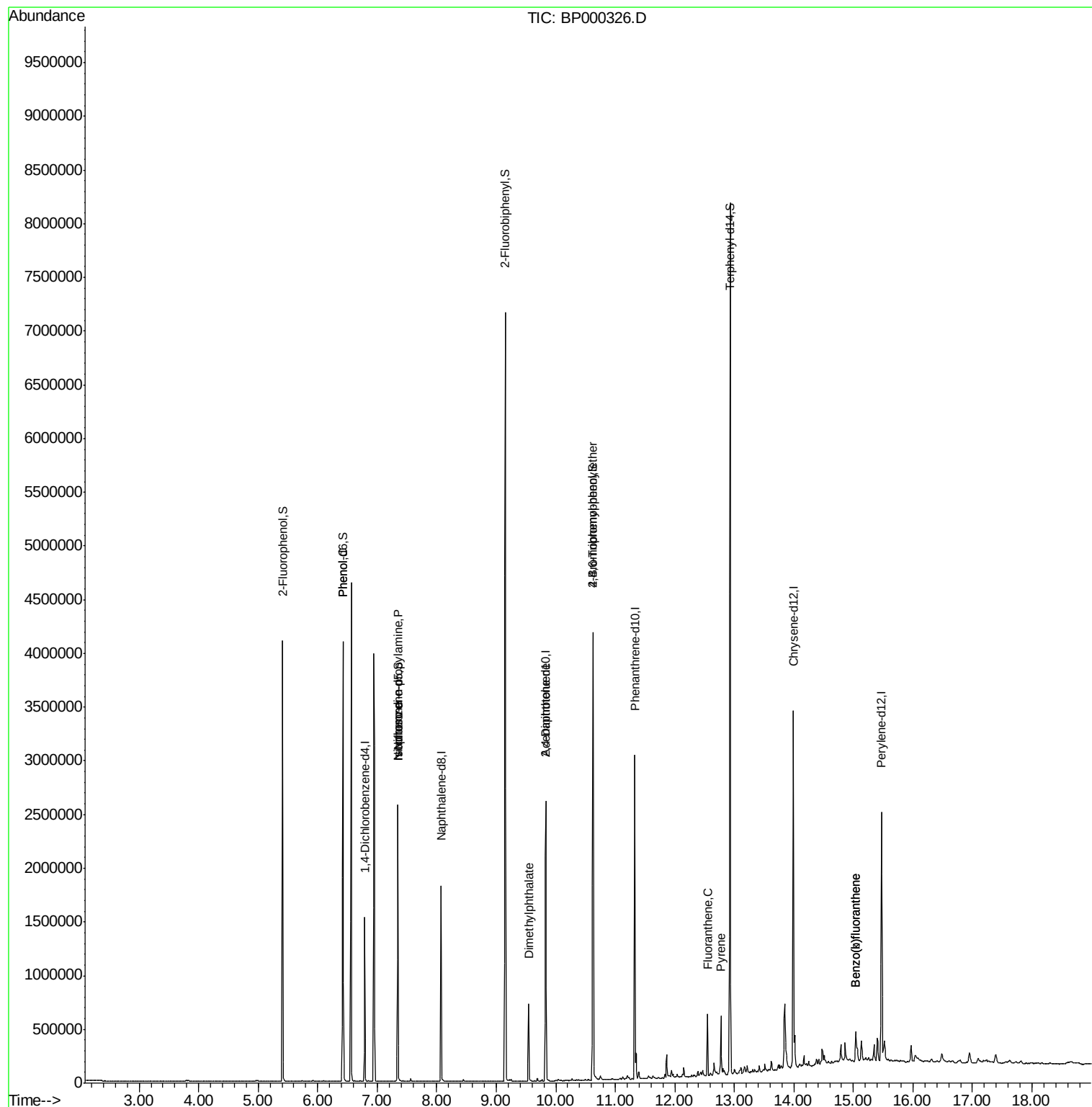
Quant Time: Sep 20 02:05:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

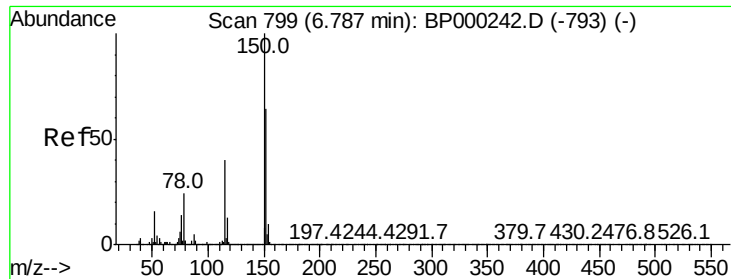
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	227337	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	843196	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	518922	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1041824	20.00	ng	0.00
76) Chrysene-d12	13.99	240	1000255	20.00	ng	0.00
87) Perylene-d12	15.47	264	1059303	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1242953	94.39	ng	0.00
7) Phenol-d6	6.43	99	1617107	100.18	ng	0.00
23) Nitrobenzene-d5	7.35	82	885080	67.72	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	593444	115.30	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2029486	70.39	ng	0.00
79) Terphenyl-d14	12.93	244	2837432	59.51	ng	0.00
Target Compounds						
9) Benzaldehyde	6.42	77	2973	Below Cal	Qvalue	
10) Phenol	6.43	94	50638	2.761 ng	#	2
19) n-Nitroso-di-n-propylamine	7.35	70	109775	12.862 ng	#	76
25) Isophorone	7.35	82	883921	34.157 ng	#	63
50) Dimethylphthalate	9.55	163	319486	9.037 ng		98
57) 2,4-Dinitrotoluene	9.83	165	67607	6.653 ng	#	35
67) 4-Bromophenyl-phenylether	10.63	248	40436	3.432 ng	#	1
69) Atrazine	11.01	200	80	Below Cal	#	1
75) Fluoranthene	12.55	202	235809	4.206 ng		95
78) Pyrene	12.78	202	213594	2.854 ng		98
88) Benzo(b)fluoranthene	15.04	252	196997	3.117 ng		99
89) Benzo(k)fluoranthene	15.04	252	196997	3.574 ng		99

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

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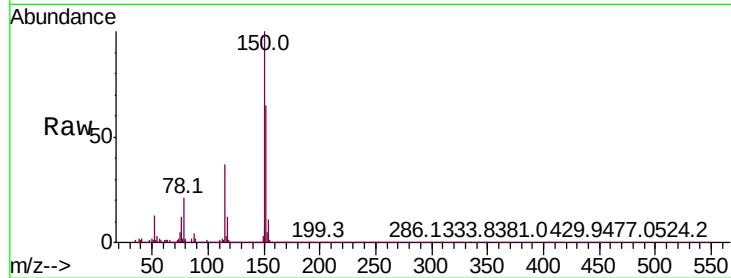




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000326.D
Acq: 19 Sep 2019 13:41

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	125.2	187.8
115	56.3	49.7	74.5

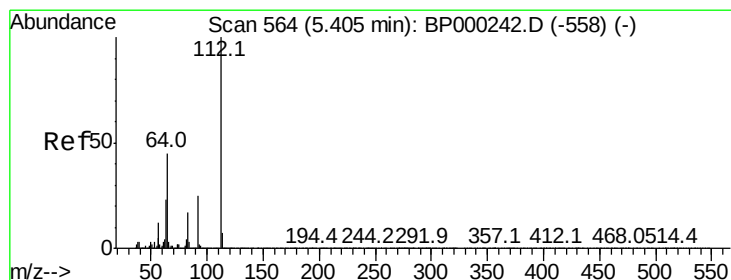
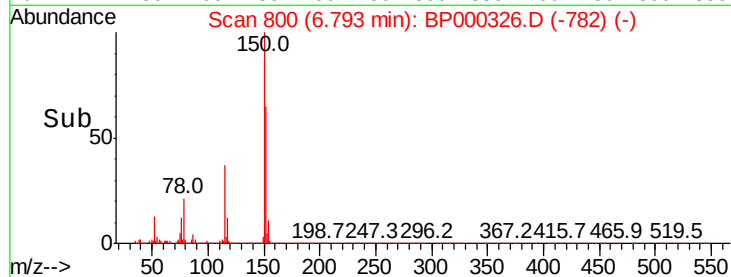
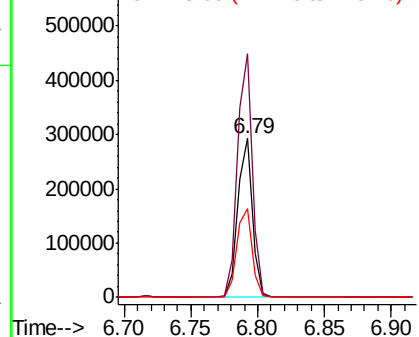


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

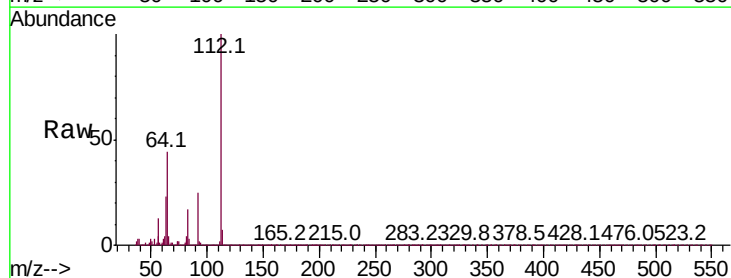
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 94.387 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000326.D
Acq: 19 Sep 2019 13:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.2	36.2	54.4
63	23.0	18.3	27.5

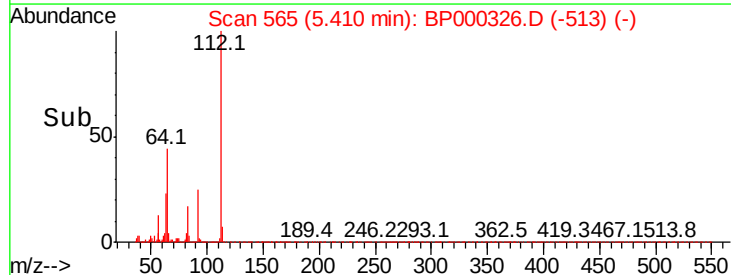
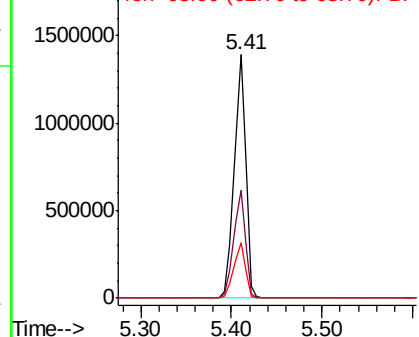


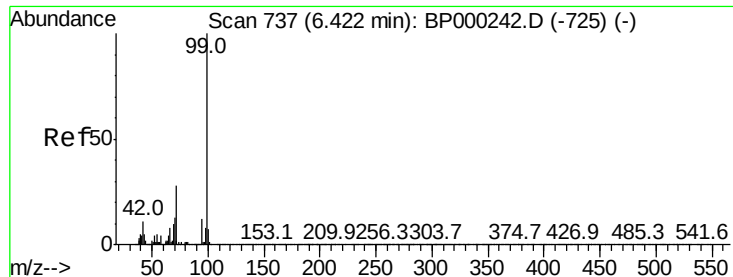
Abundance

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: 100.180 ng

RT: 6.43 min Scan# 738

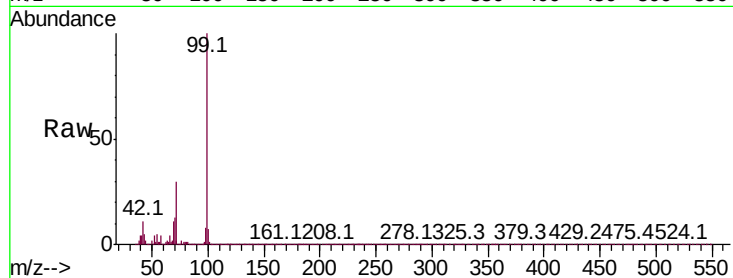
Delta R.T. 0.01 min

Lab File: BP000326.D

Acq: 19 Sep 2019 13:41

Tot Ion: 99 Resp: 1617107

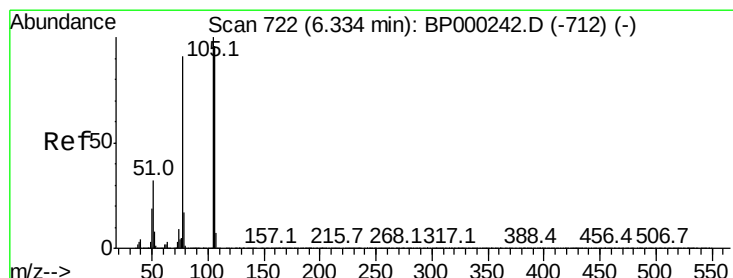
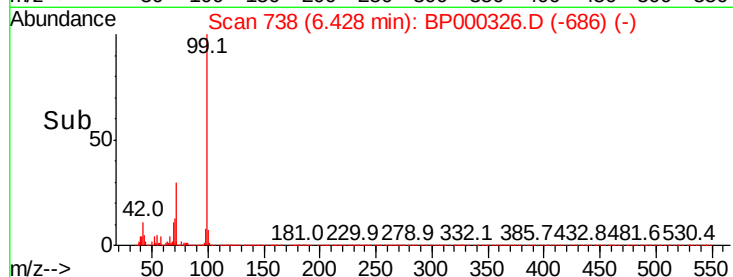
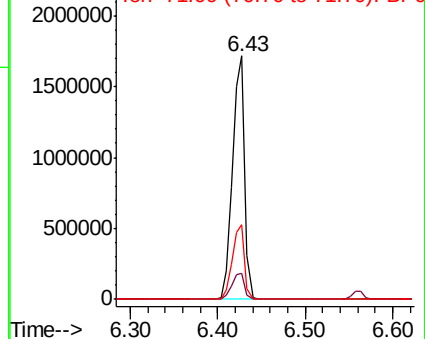
Ion	Ratio	Lower	Upper
99	100		
42	10.7	8.5	12.7
71	30.5	22.6	34.0



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

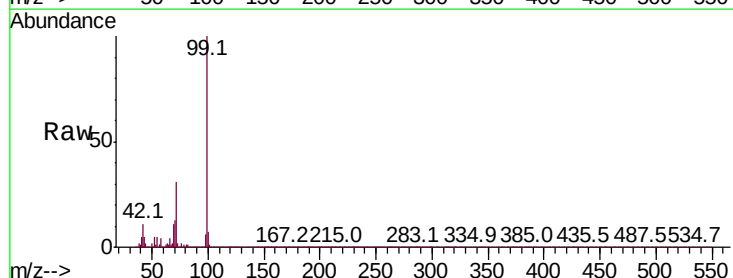
Delta R.T. 0.09 min

Lab File: BP000326.D

Acq: 19 Sep 2019 13:41

Tgt Ion: 77 Resp: 2973

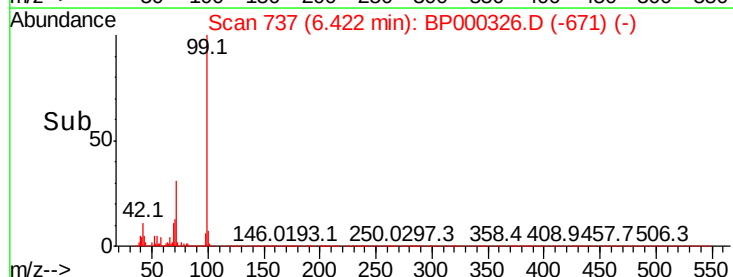
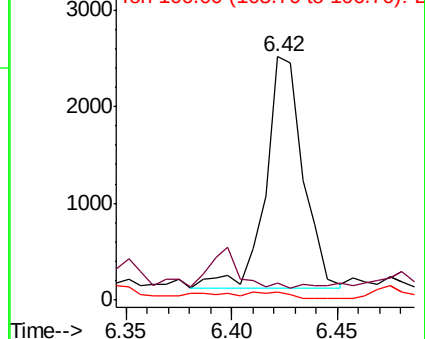
Ion	Ratio	Lower	Upper
77	100		
105	7.0	89.6	129.6#
106	3.5	84.6	124.6#

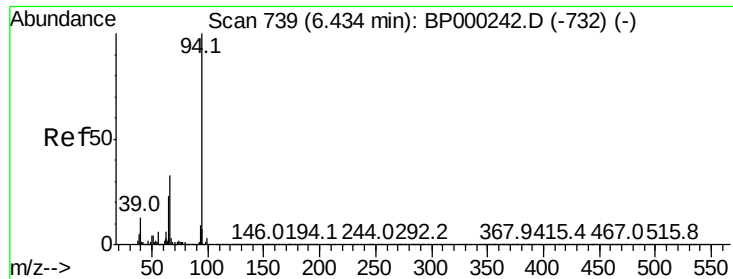


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.761 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BP000326.D

Acq: 19 Sep 2019 13:41

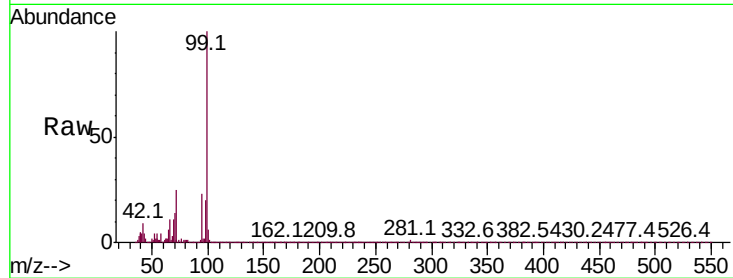
Tot Ion: 94 Resp: 50638

Ion Ratio Lower Upper

94 100

65 27.4 3.3 43.3

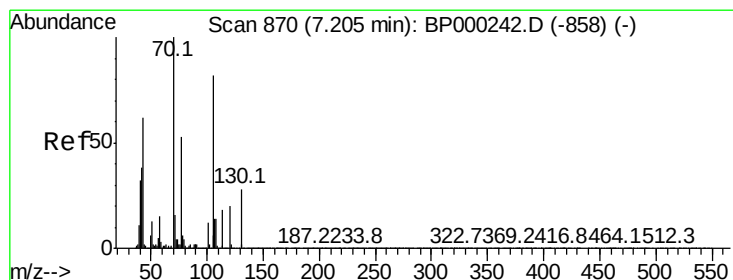
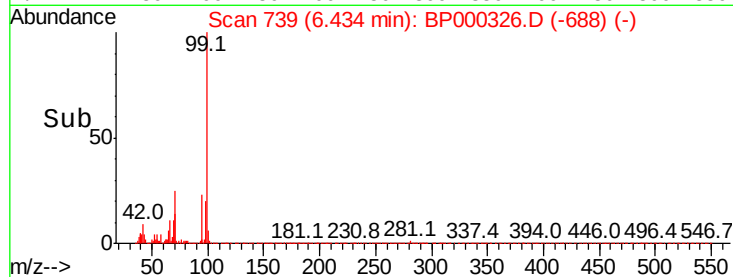
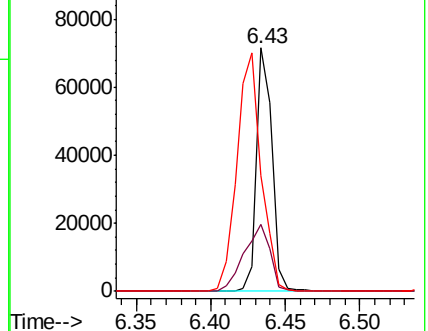
66 47.7 12.7 52.7



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: 12.862 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BP000326.D

Acq: 19 Sep 2019 13:41

Tgt Ion: 70 Resp: 109775

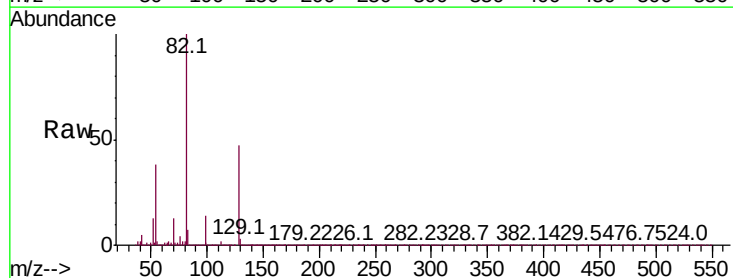
Ion Ratio Lower Upper

70 100

42 35.9 30.7 46.1

101 0.1 9.6 14.4#

130 2.8 22.0 33.0#

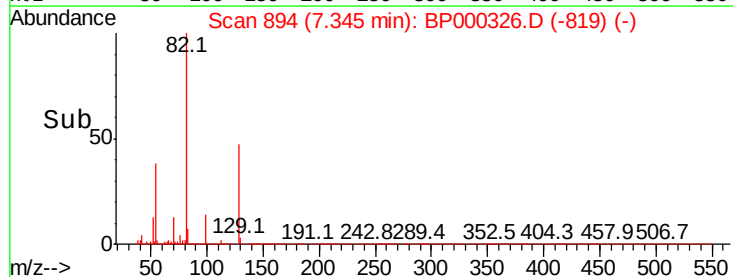
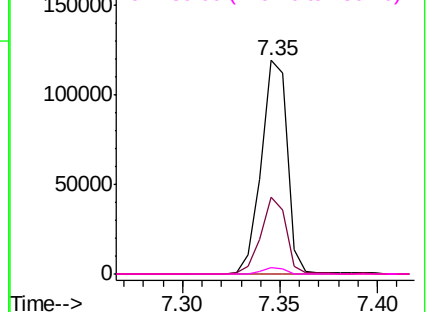


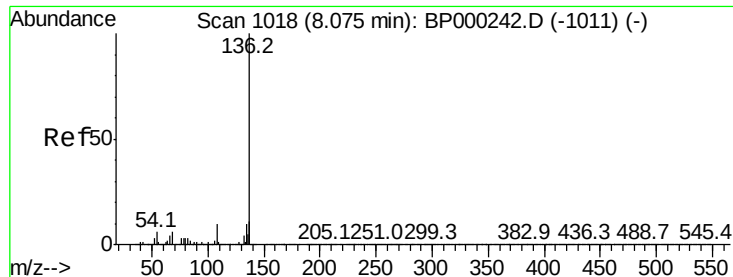
Abundance Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

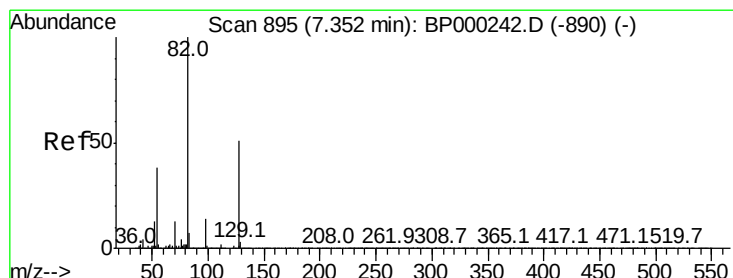
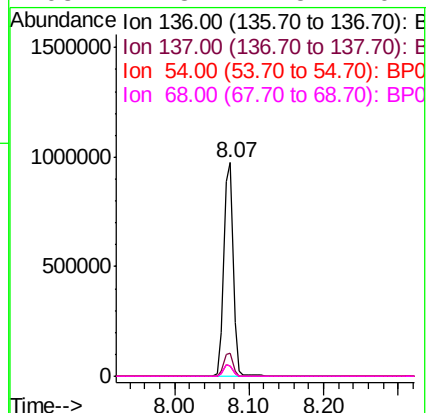
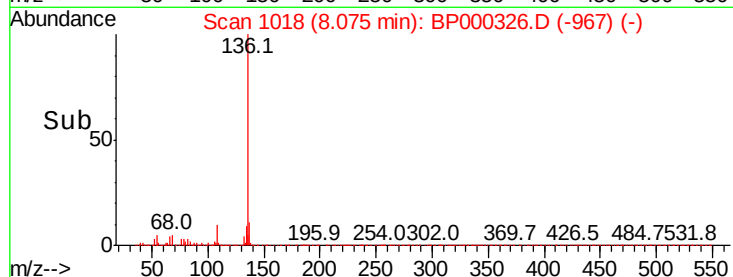
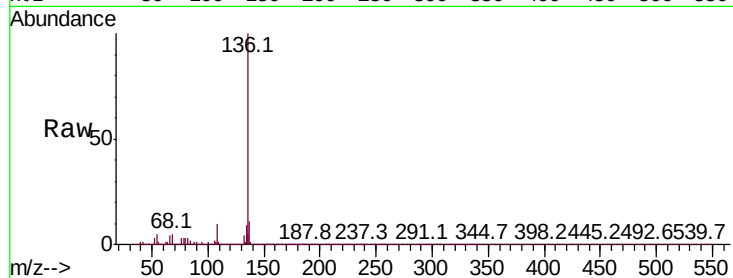
Ion 130.00 (129.70 to 130.70): E





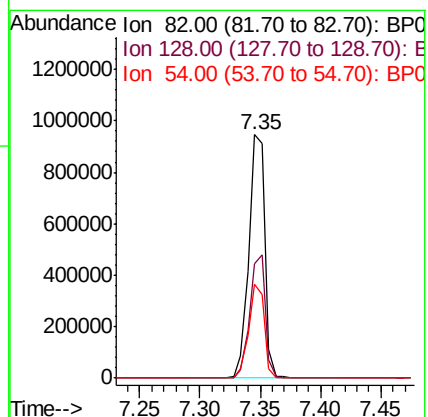
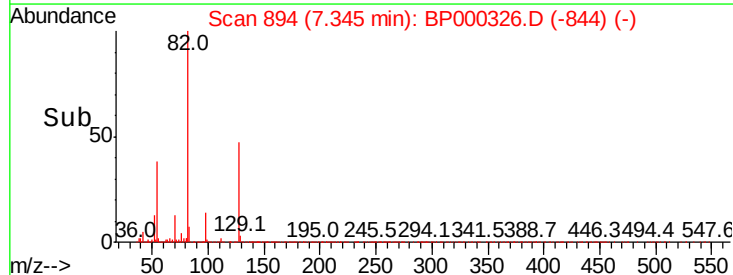
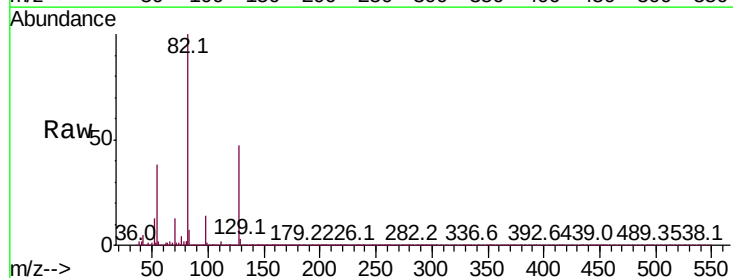
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000326.D
Acq: 19 Sep 2019 13:41

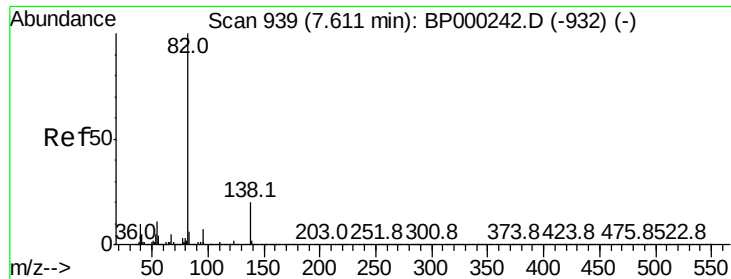
Tot Ion:136	Resp:	843196
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.6 13.0
54	4.8	4.5 6.7
68	4.8	4.5 6.7



#23
Nitrobenzene-d5
Concen: 67.724 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000326.D
Acq: 19 Sep 2019 13:41

Tgt Ion: 82	Resp:	885080
Ion	Ratio	Lower Upper
82	100	
128	47.2	40.7 61.1
54	38.4	30.1 45.1





#25

Isophorone

Concen: 34.157 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.27 min

Lab File: BP000326.D

Acq: 19 Sep 2019 13:41

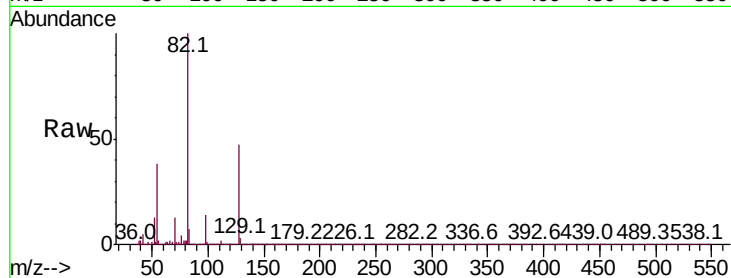
Tot Ion: 82 Resp: 883921

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

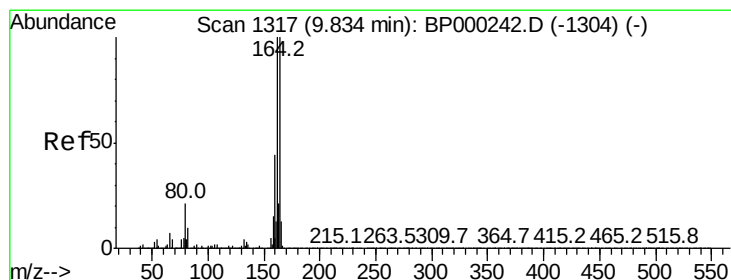
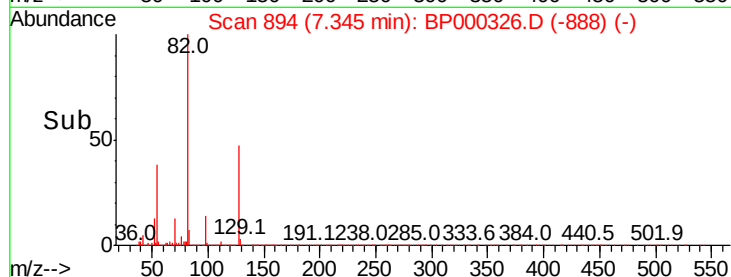
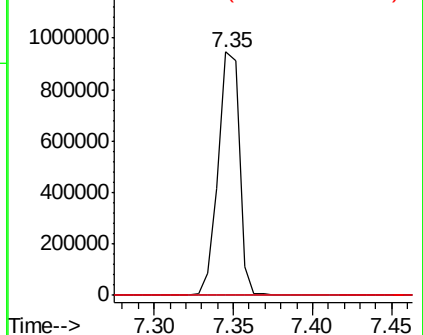
138 0.0 15.9 23.9#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BP000326.D

Acq: 19 Sep 2019 13:41

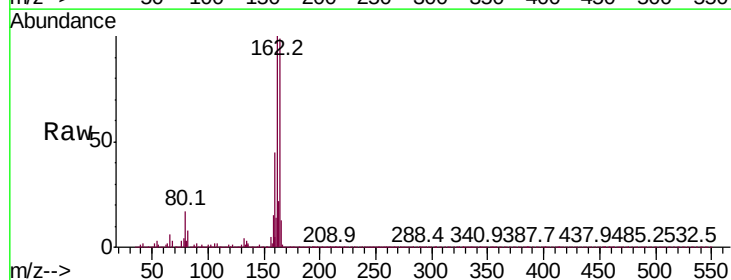
Tgt Ion: 164 Resp: 518922

Ion Ratio Lower Upper

164 100

162 101.2 79.9 119.9

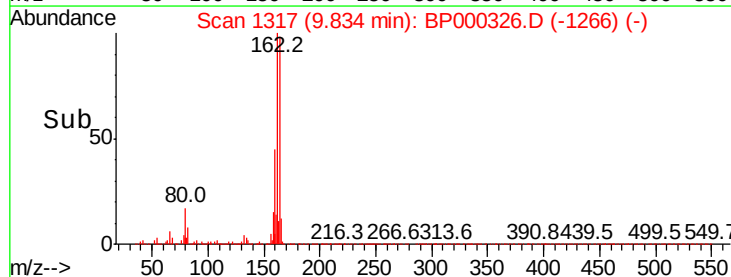
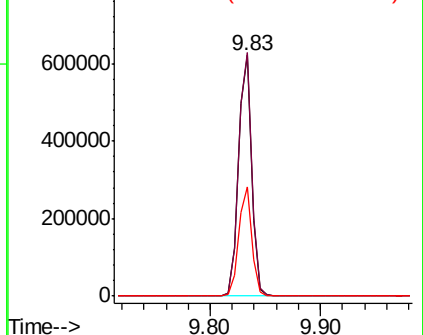
160 45.2 35.6 53.4

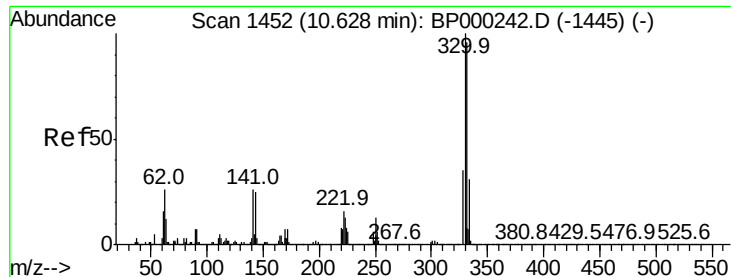


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 115.299 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BP000326.D

Acq: 19 Sep 2019 13:41

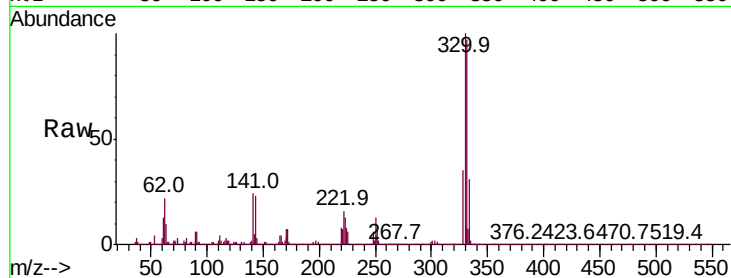
Tot Ion:330 Resp: 593444

Ion Ratio Lower Upper

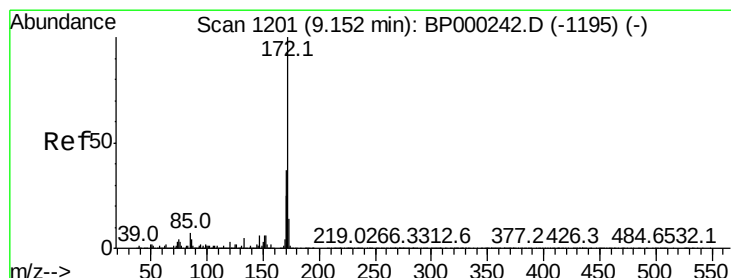
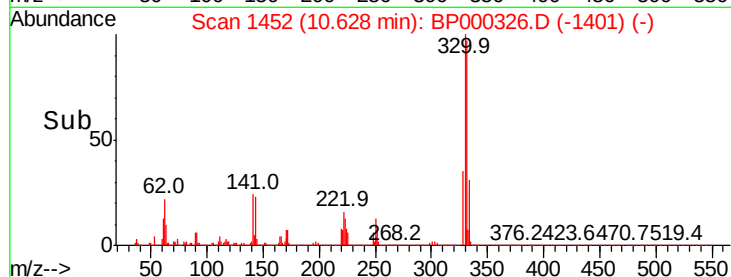
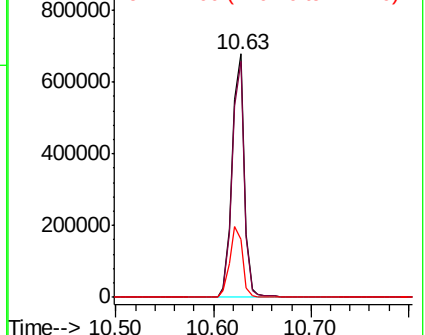
330 100

332 96.8 76.6 115.0

141 30.5 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: 70.390 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BP000326.D

Acq: 19 Sep 2019 13:41

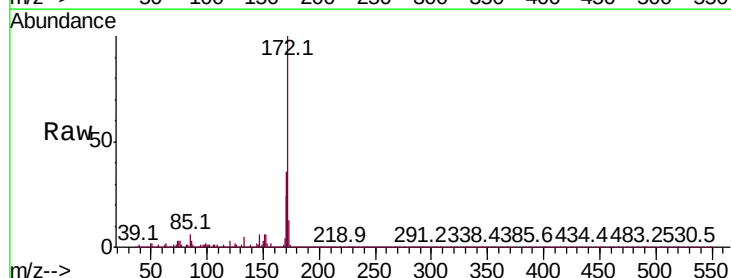
Tgt Ion:172 Resp: 2029486

Ion Ratio Lower Upper

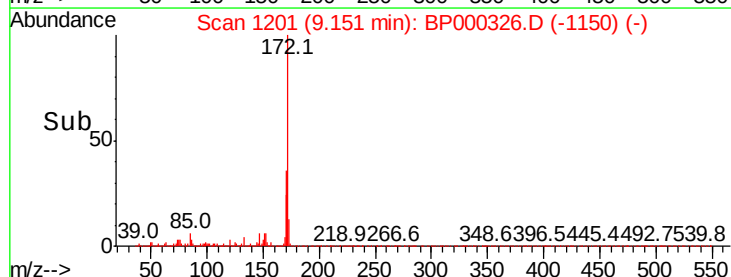
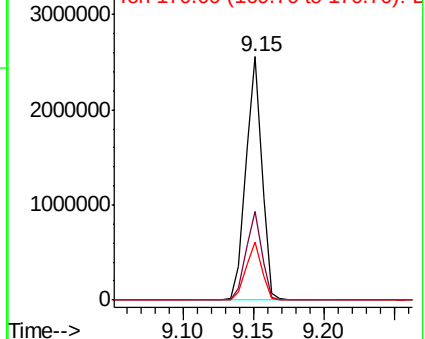
172 100

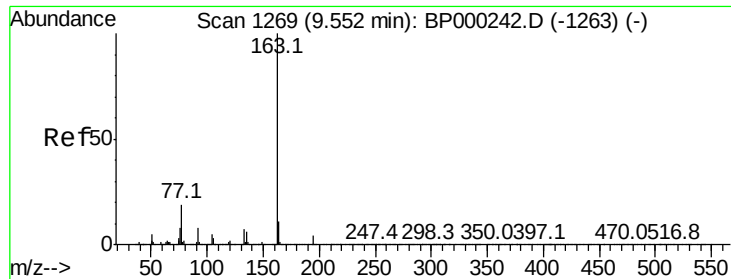
171 36.5 29.8 44.6

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: 9.037 ng

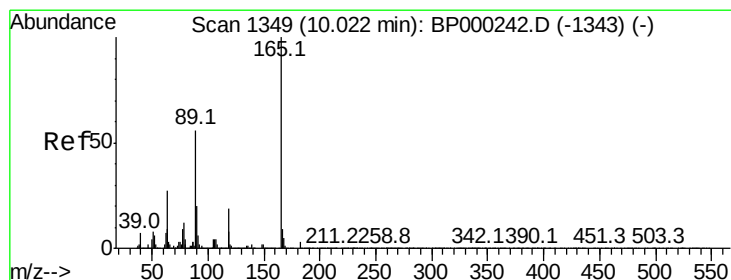
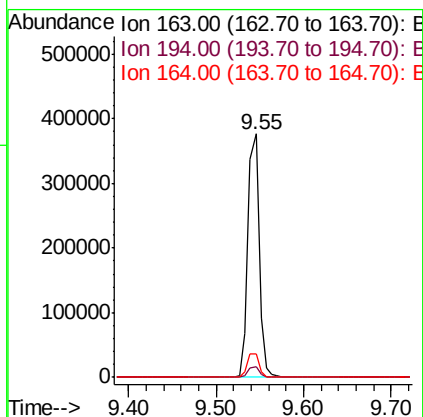
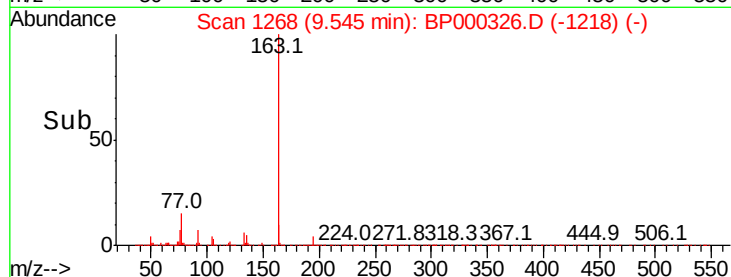
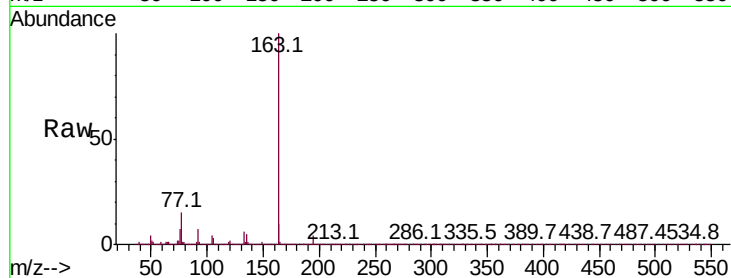
RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BP000326.D

Acq: 19 Sep 2019 13:41

Tot Ion:	163	Resp:	319486
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	9.7	8.5	12.7



#57

2,4-Dinitrotoluene

Concen: 6.653 ng

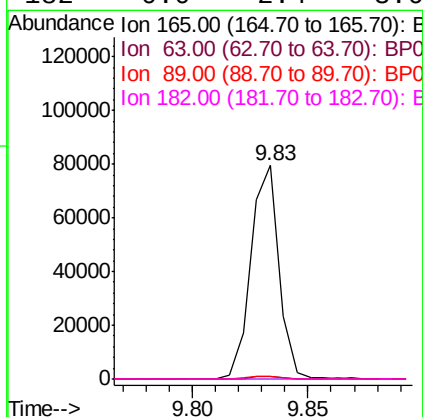
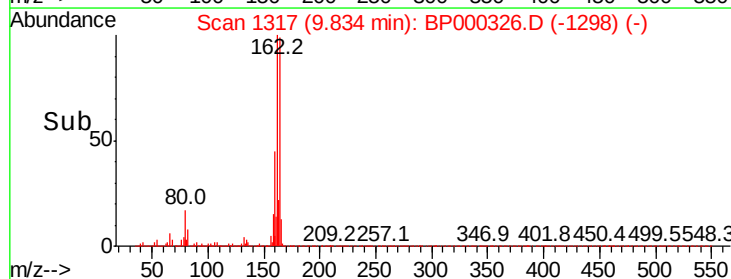
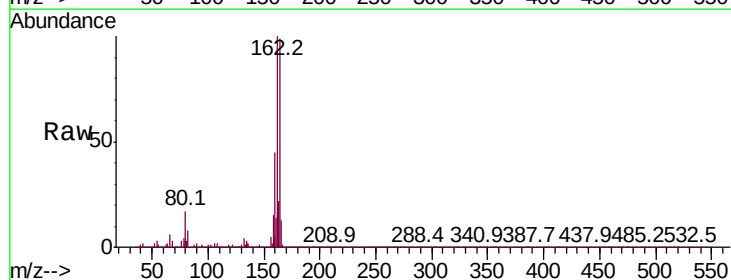
RT: 9.83 min Scan# 1317

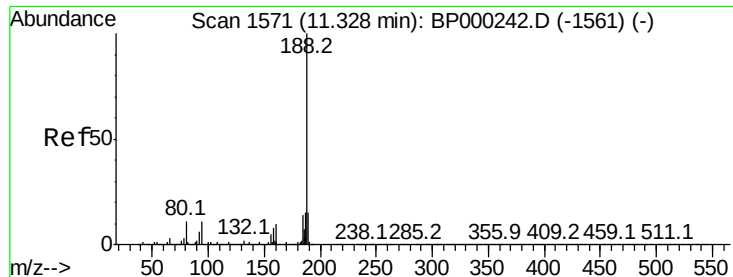
Delta R.T. -0.19 min

Lab File: BP000326.D

Acq: 19 Sep 2019 13:41

Tgt Ion:	165	Resp:	67607
Ion	Ratio	Lower	Upper
165	100		
63	1.2	21.7	32.5#
89	1.1	45.0	67.6#
182	0.0	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: BP000326.D

Acq: 19 Sep 2019 13:41

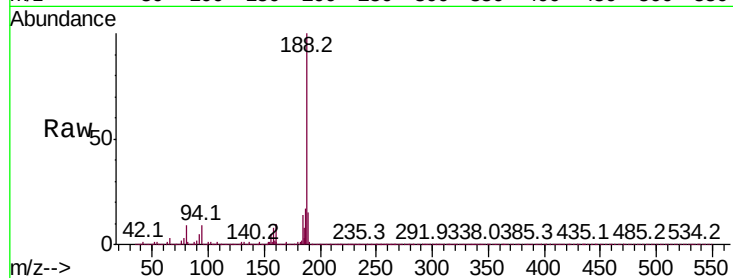
Tot Ion:188 Resp: 1041824

Ion Ratio Lower Upper

188 100

94 8.6 8.5 12.7

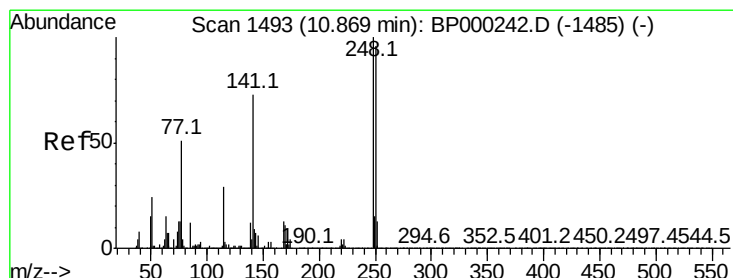
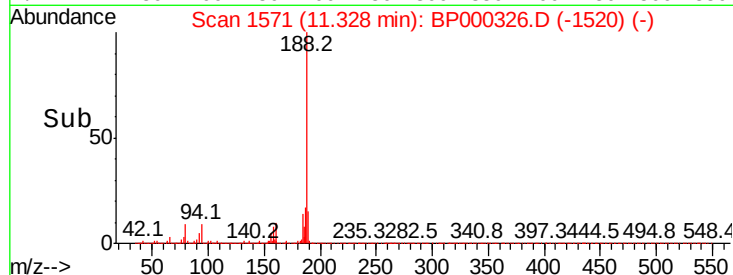
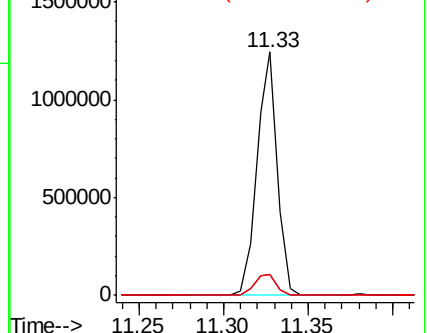
80 8.7 8.6 13.0



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: 3.432 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BP000326.D

Acq: 19 Sep 2019 13:41

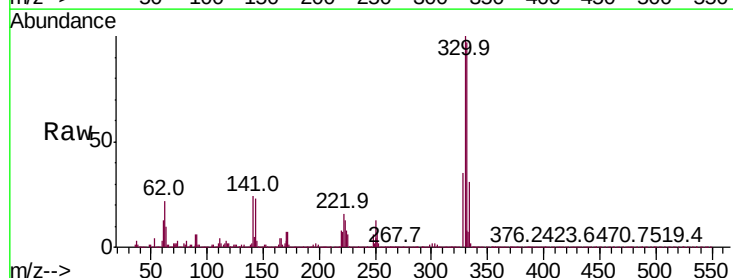
Tgt Ion:248 Resp: 40436

Ion Ratio Lower Upper

248 100

250 202.2 77.0 115.4#

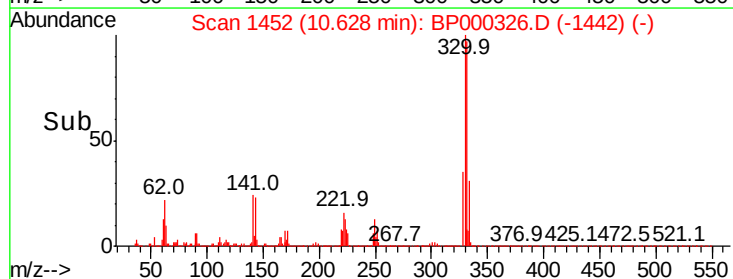
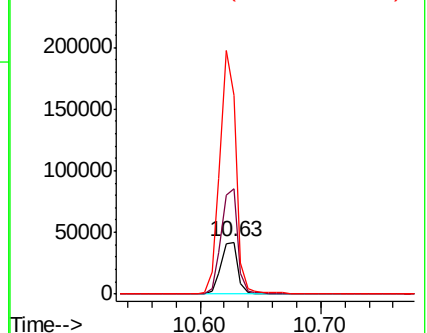
141 382.6 58.5 87.7#

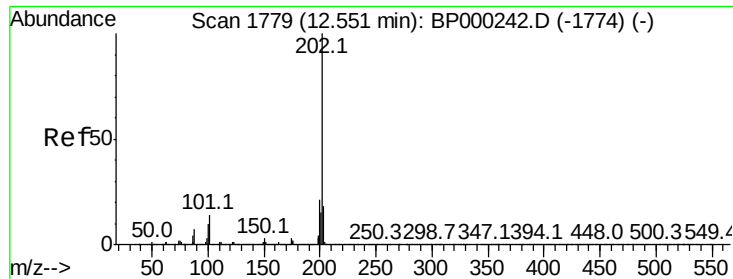


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Fluoranthene

Concen: 4.206 ng

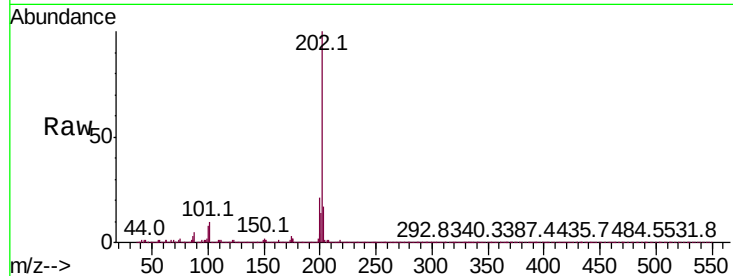
RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

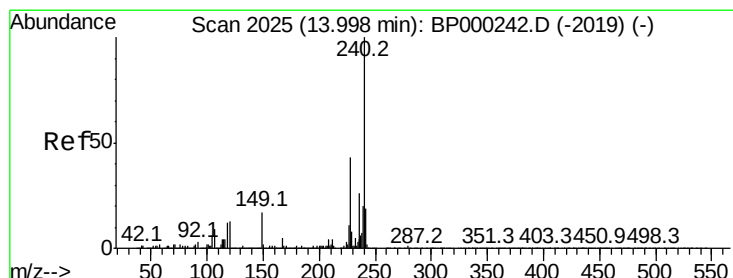
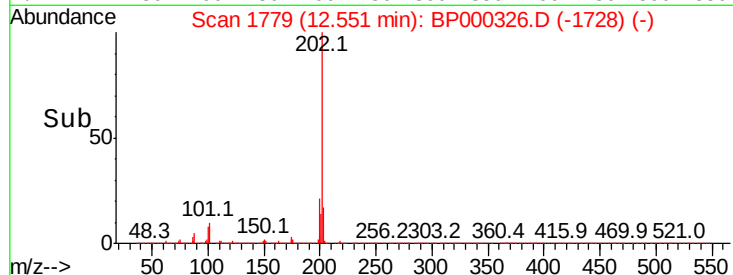
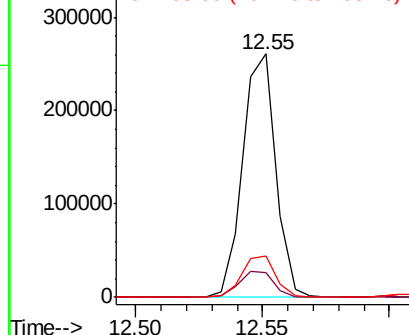
Lab File: BP000326.D

Acq: 19 Sep 2019 13:41

Tot Ion:	202	Resp:	235809
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	33.9
203	17.2	0.0	38.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

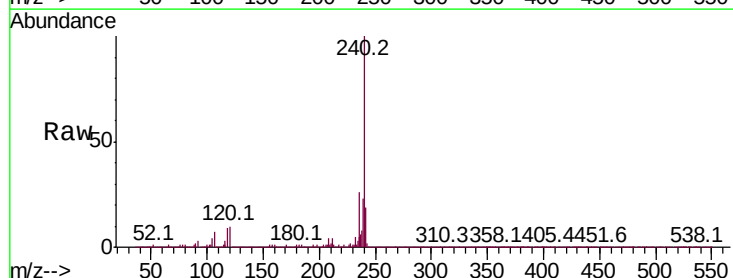
RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

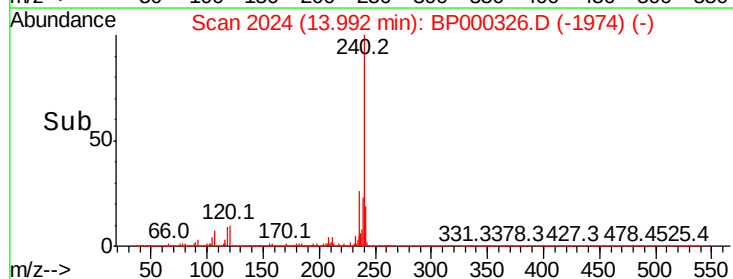
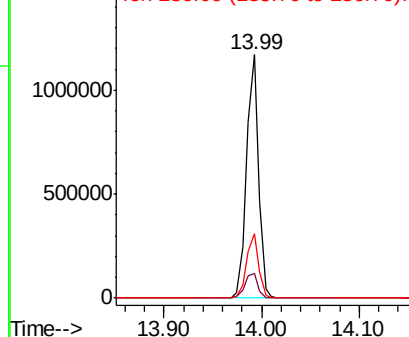
Lab File: BP000326.D

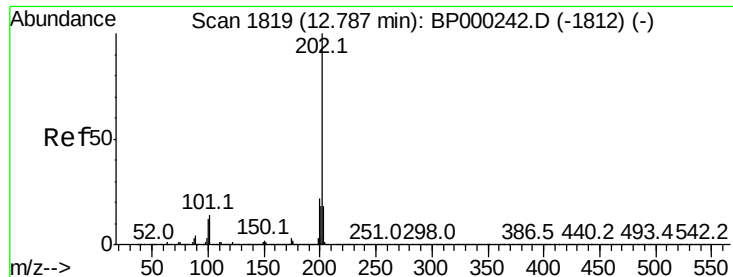
Acq: 19 Sep 2019 13:41

Tgt Ion:	240	Resp:	1000255
Ion Ratio	Lower	Upper	
240	100		
120	10.1	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





#78

Pvrene

Concen: 2.854 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BP000326.D

Acq: 19 Sep 2019 13:41

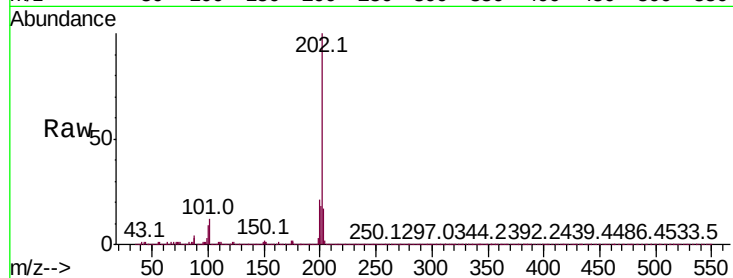
Tot Ion:202 Resp: 213594

Ion Ratio Lower Upper

202 100

200 20.5 17.5 26.3

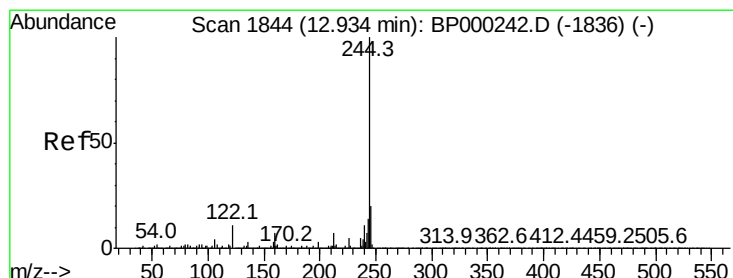
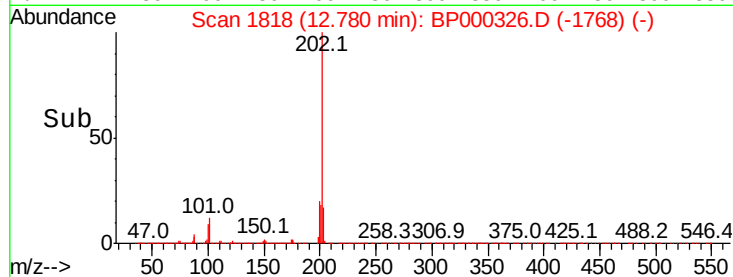
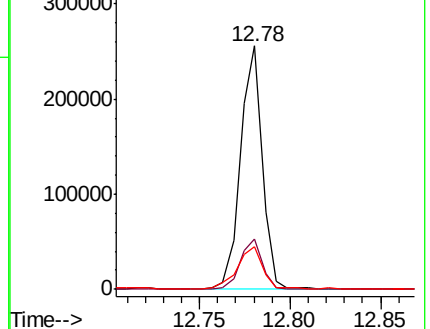
203 17.3 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 59.510 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000326.D

Acq: 19 Sep 2019 13:41

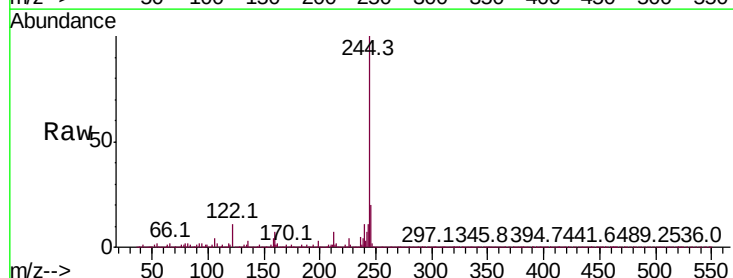
Tgt Ion:244 Resp: 2837432

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

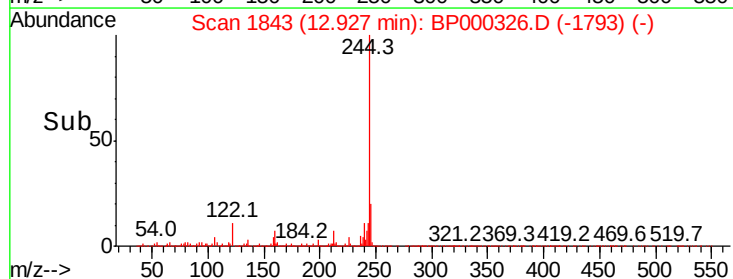
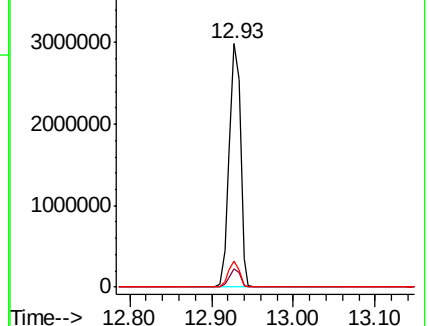
122 10.6 9.0 13.4

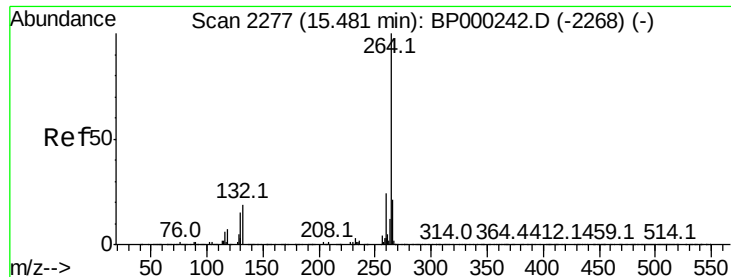


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

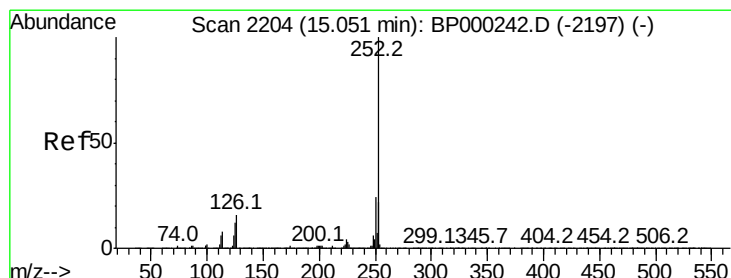
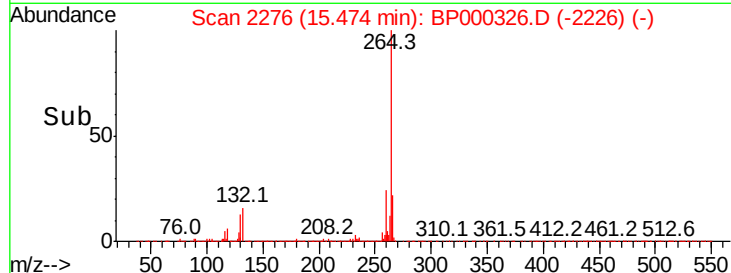
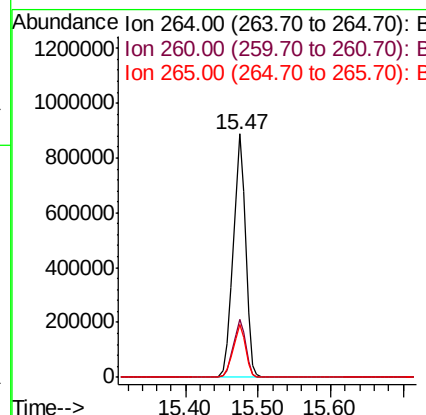
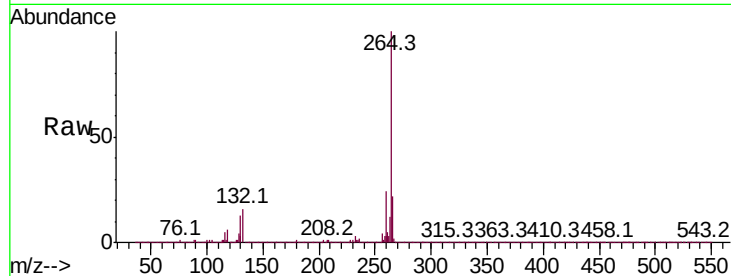




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000326.D
Acq: 19 Sep 2019 13:41

Tot Ion:264 Resp: 1059303

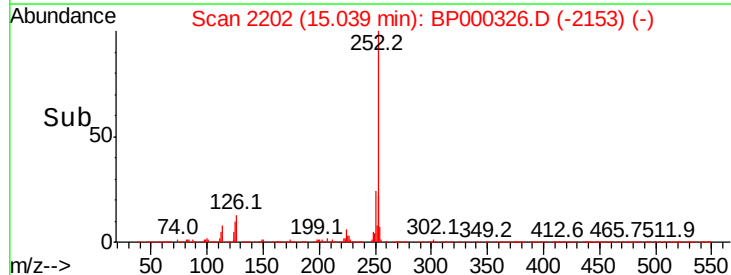
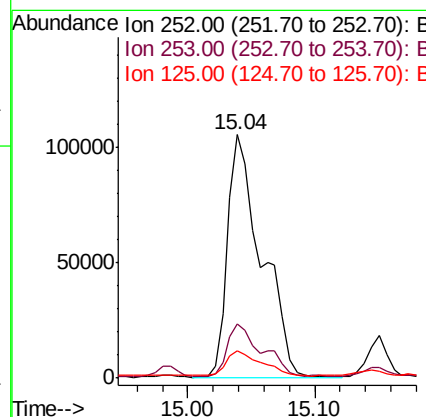
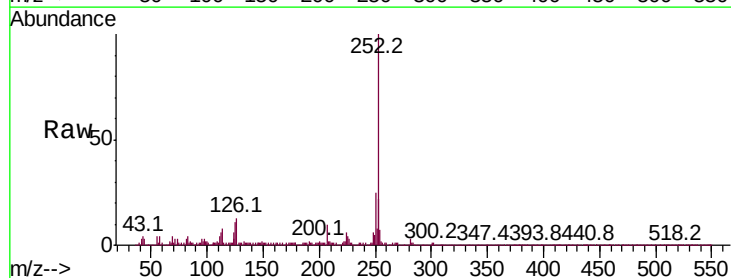
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.8	17.2	25.8

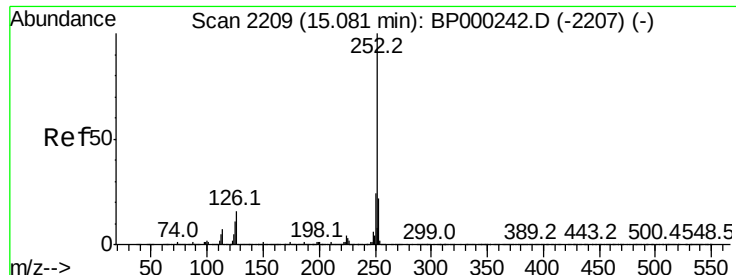


#88
Benzo(b)fluoranthene
Concen: 3.117 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BP000326.D
Acq: 19 Sep 2019 13:41

Tgt Ion:252 Resp: 196997

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	11.5	9.5	14.3





#89

Benzo(k)fluoranthene

Concen: 3.574 ng

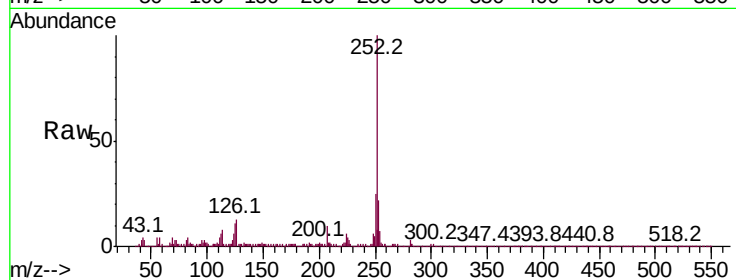
RT: 15.04 min Scan# 2202

Delta R.T. -0.04 min

Lab File: BP000326.D

Acq: 19 Sep 2019 13:41

Tot Ion:252	Resp:	196997
Ion Ratio	Lower	Upper
252	100	
253	22.4	17.8 26.8
125	11.5	9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

