

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
 Data File : BP000321.D
 Acq On : 19 Sep 2019 11:36
 Operator : HP/JU
 Sample : PB103205TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

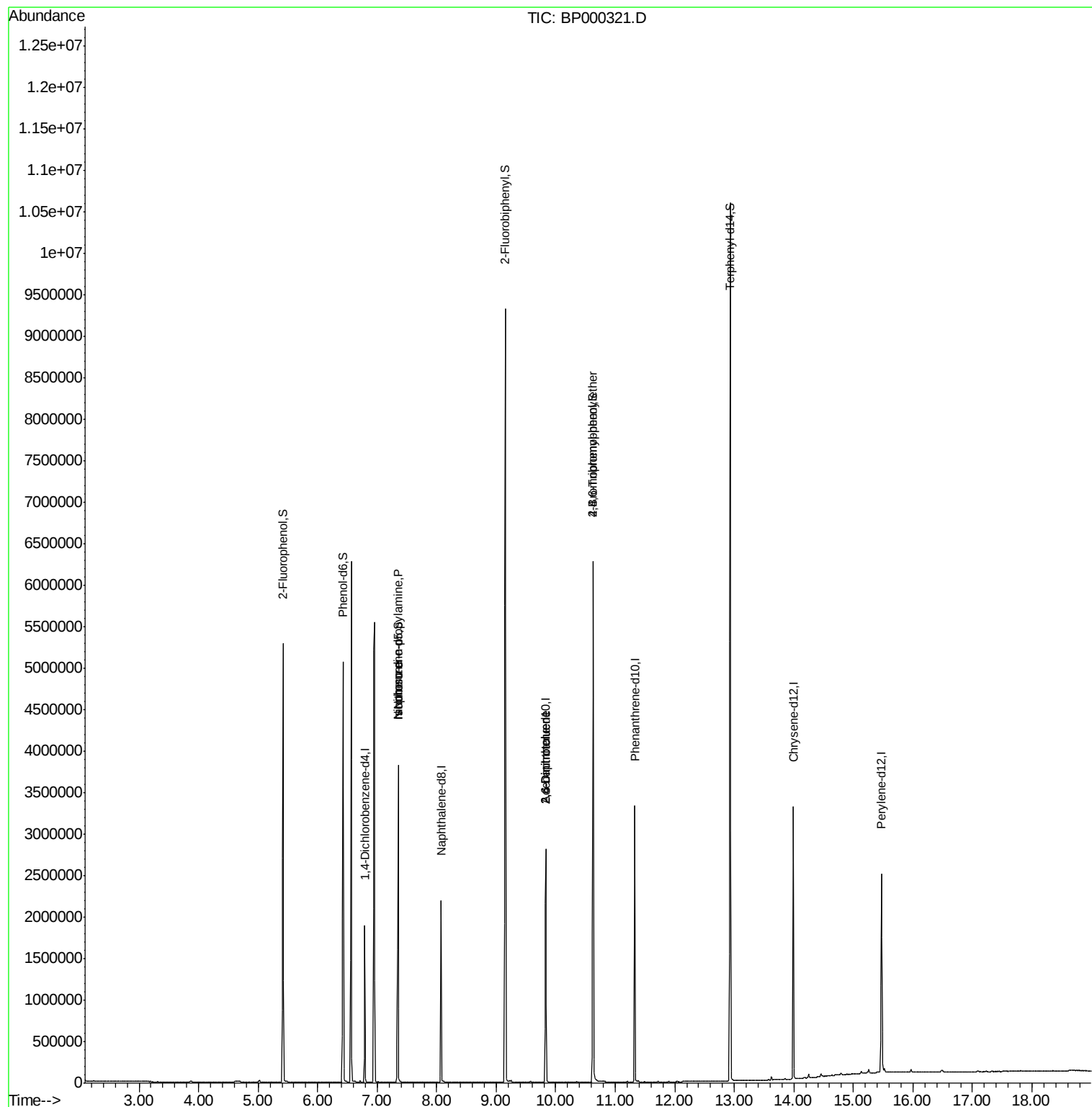
Quant Time: Sep 20 02:04:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

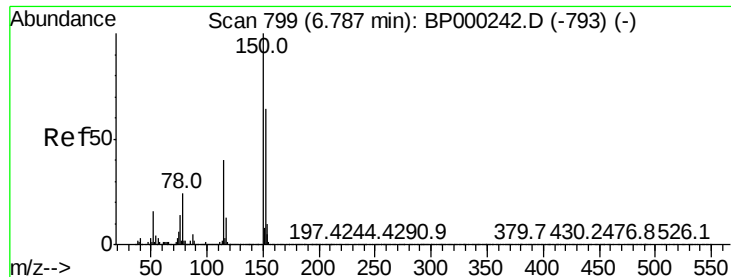
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	273006	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1009605	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	558233	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1109037	20.00	ng	0.00
76) Chrysene-d12	13.99	240	1012842	20.00	ng	0.00
87) Perylene-d12	15.47	264	1087072	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1805692	114.18	ng	0.02
7) Phenol-d6	6.43	99	2230900	115.09	ng	0.00
23) Nitrobenzene-d5	7.35	82	1279075	81.74	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	846777	152.93	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2935780	94.65	ng	0.00
79) Terphenyl-d14	12.93	244	3942683	81.66	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	3458	Below Cal	Qvalue # 3	
19) n-Nitroso-di-n-propylamine	7.35	70	158988	15.513 ng	# 74	
25) Isophorone	7.35	82	1275259	41.157 ng	# 63	
51) 2,6-Dinitrotoluene	9.83	165	72777	8.703 ng	# 30	
57) 2,4-Dinitrotoluene	9.83	165	72827	6.662 ng	# 35	
67) 4-Bromophenyl-phenylether	10.63	248	57629	4.595 ng	# 1	
69) Atrazine	10.97	200	54	Below Cal	82	

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

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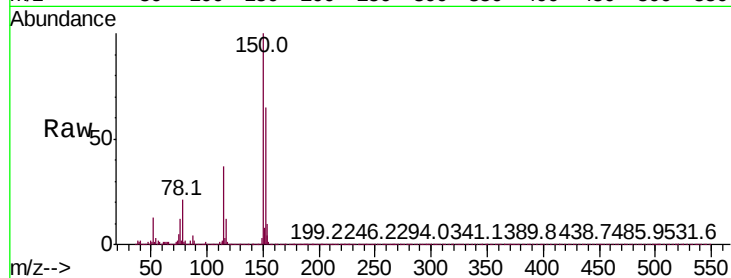




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000321.D
Acq: 19 Sep 2019 11:36

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.2	187.8
115	57.3	49.7	74.5

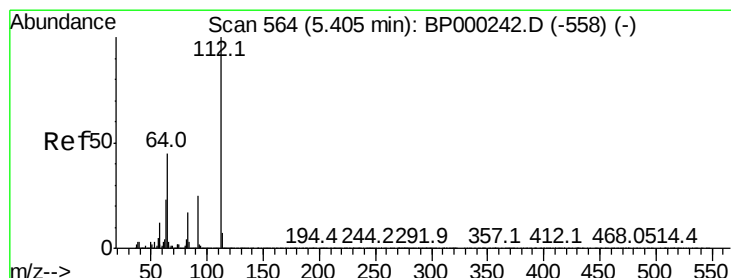
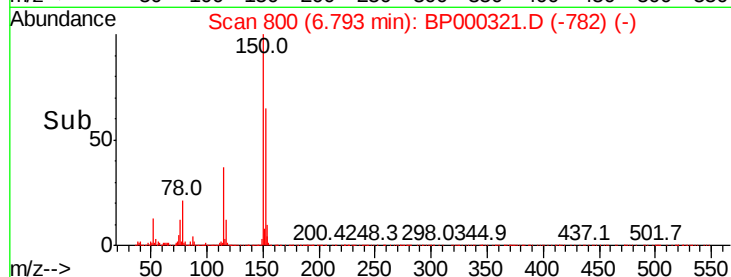
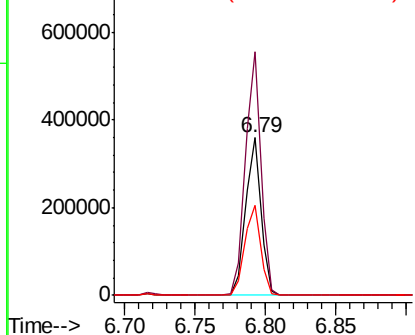


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

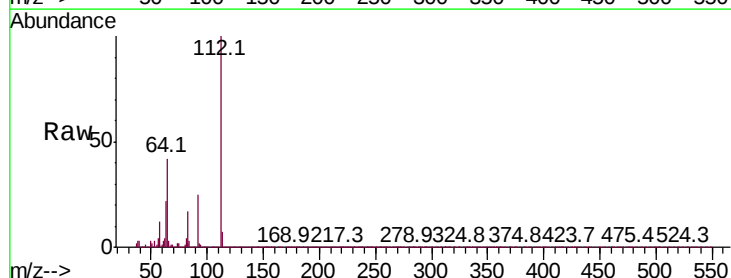
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.183 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BP000321.D
Acq: 19 Sep 2019 11:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.3	36.2	54.4
63	22.3	18.3	27.5

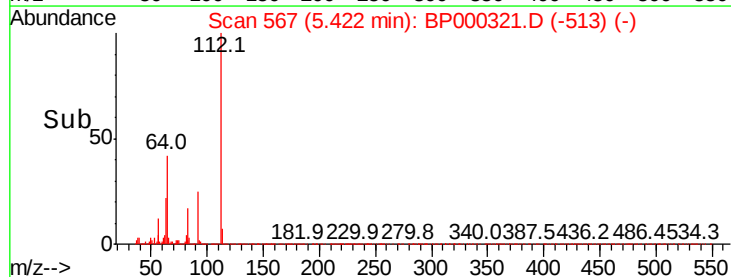
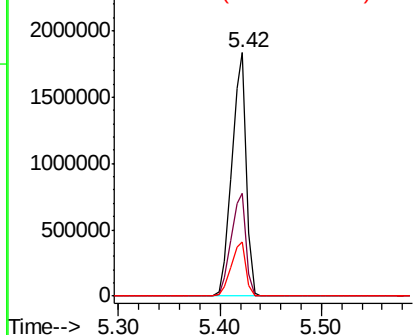


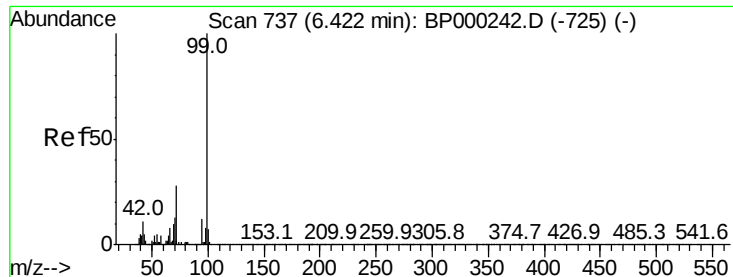
Abundance

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: 115.086 ng

RT: 6.43 min Scan# 738

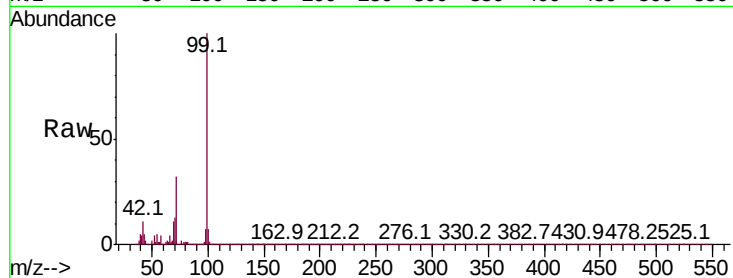
Delta R.T. 0.01 min

Lab File: BP000321.D

Acq: 19 Sep 2019 11:36

Tot Ion: 99 Resp: 2230900

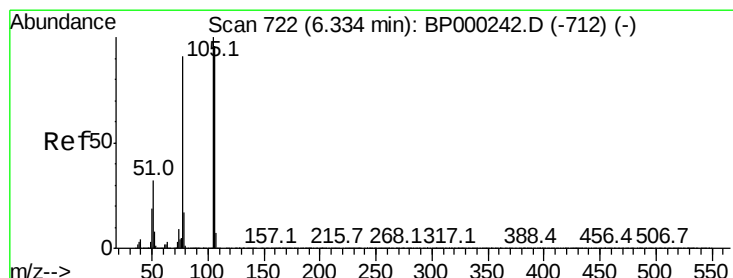
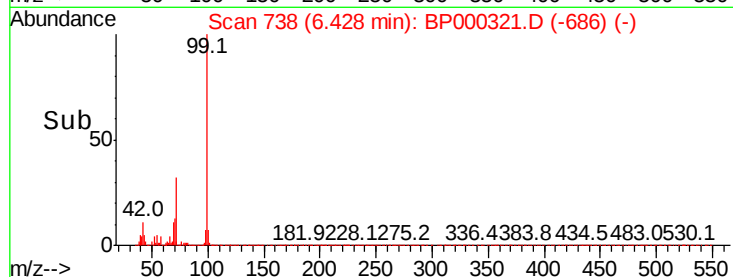
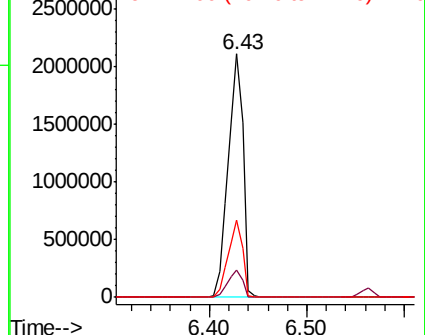
Ion	Ratio	Lower	Upper
99	100		
42	11.3	8.5	12.7
71	31.8	22.6	34.0



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

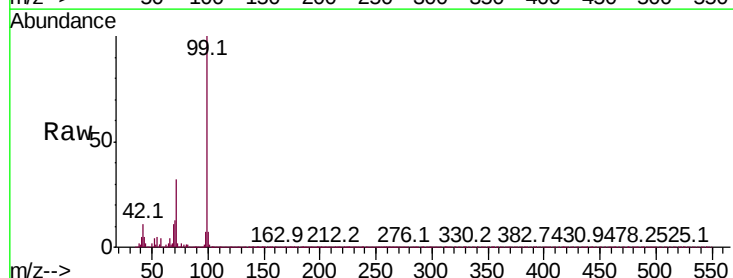
Delta R.T. 0.09 min

Lab File: BP000321.D

Acq: 19 Sep 2019 11:36

Tgt Ion: 77 Resp: 3458

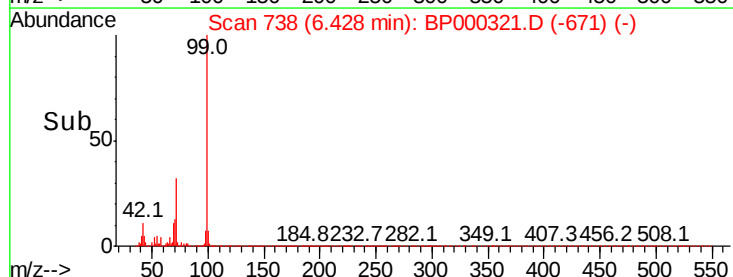
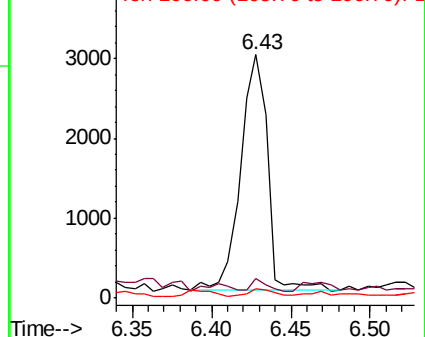
Ion	Ratio	Lower	Upper
77	100		
105	7.9	89.6	129.6#
106	3.6	84.6	124.6#

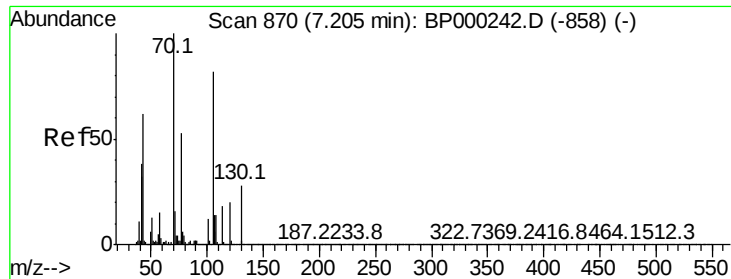


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

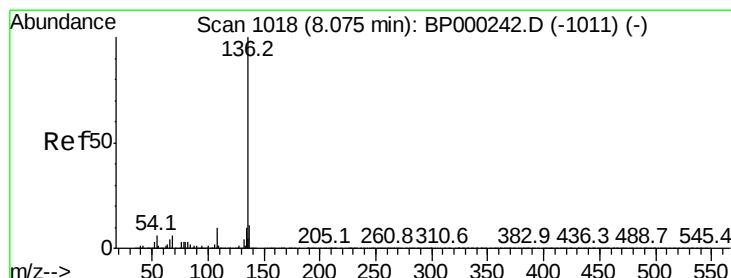
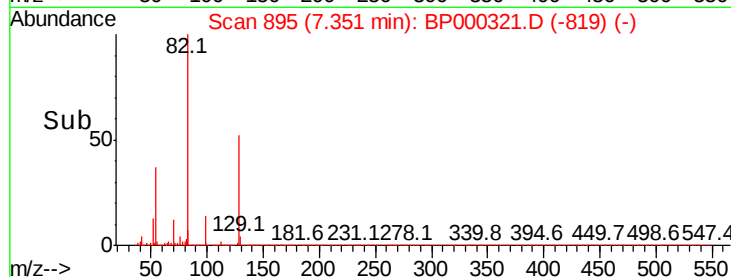
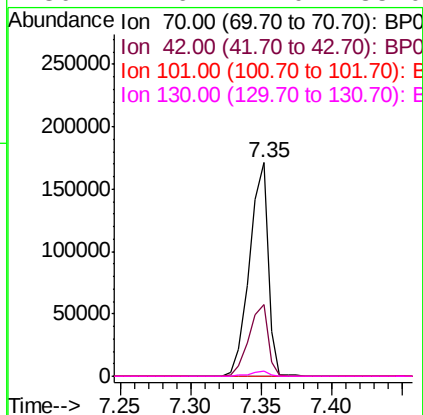
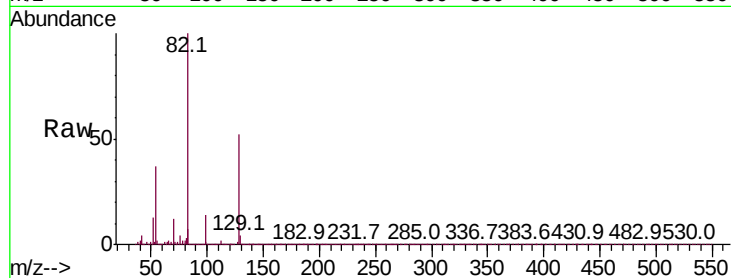
Ion 106.00 (105.70 to 106.70): E





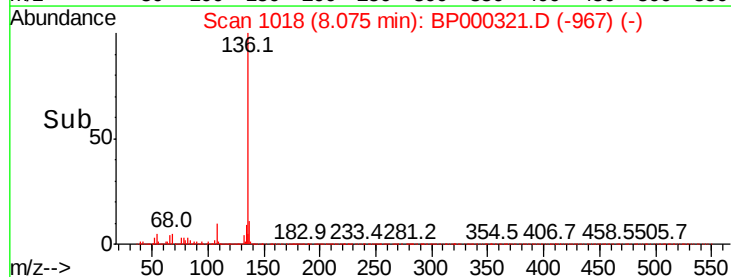
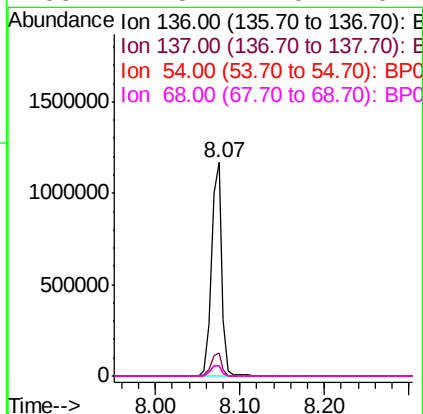
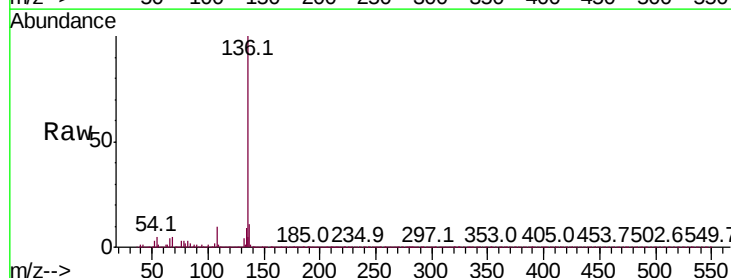
#19
n-Nitroso-di-n-propylamine
Concen: 15.513 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.15 min
Lab File: BP000321.D
Acq: 19 Sep 2019 11:36

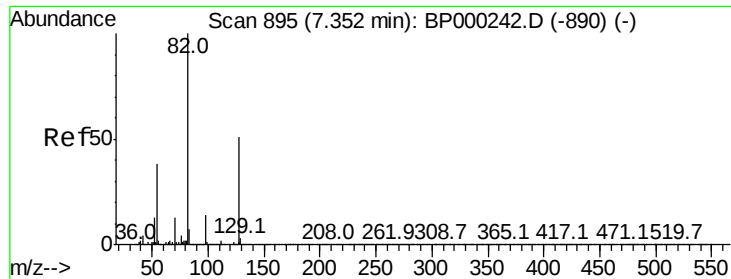
Tot Ion:	70	Resp:	158988
Ion	Ratio	Lower	Upper
70	100		
42	33.5	30.7	46.1
101	0.0	9.6	14.4#
130	2.6	22.0	33.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000321.D
Acq: 19 Sep 2019 11:36

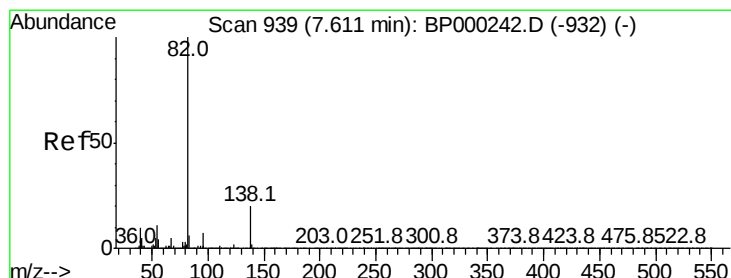
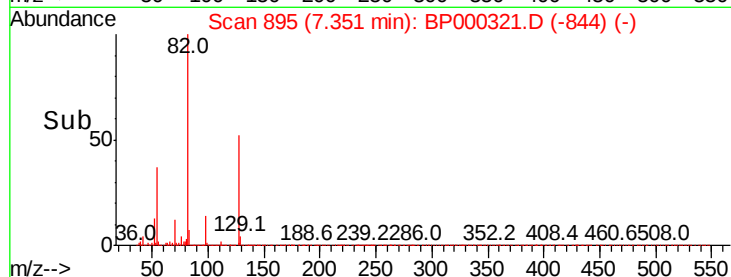
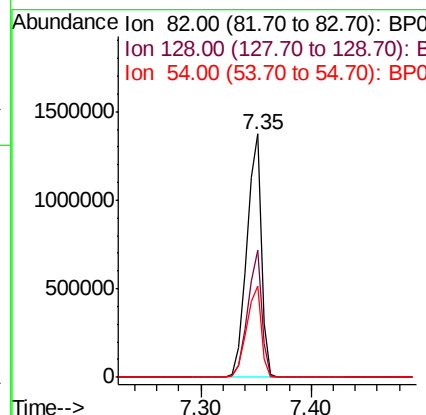
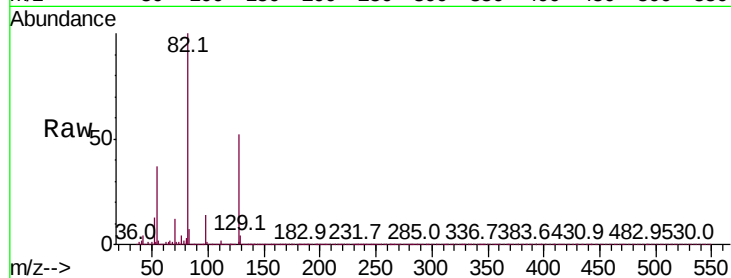
Tgt Ion:	136	Resp:	1009605
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	4.9	4.5	6.7
68	4.8	4.5	6.7





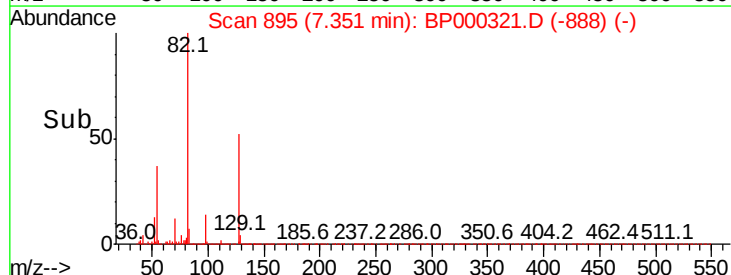
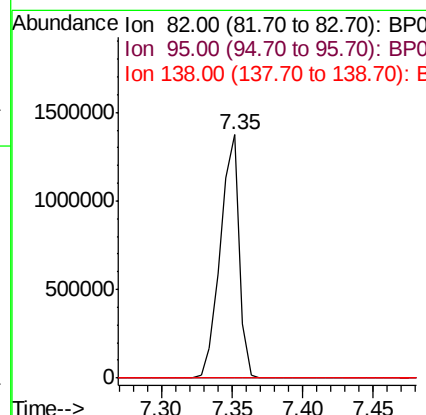
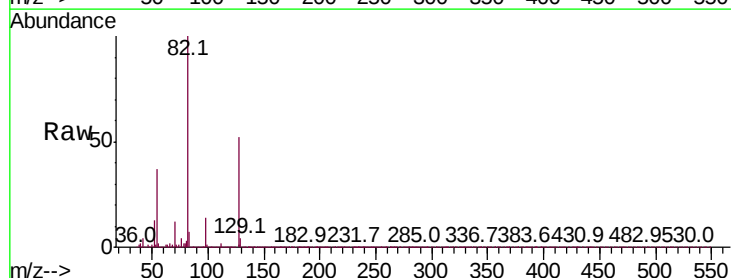
#23
Nitrobenzene-d5
Concen: 81.740 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000321.D
Acq: 19 Sep 2019 11:36

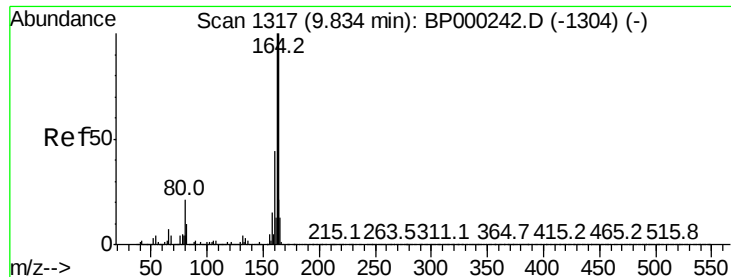
Tot Ion: 82 Resp: 1279075
Ion Ratio Lower Upper
82 100
128 52.2 40.7 61.1
54 37.3 30.1 45.1



#25
Isophorone
Concen: 41.157 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BP000321.D
Acq: 19 Sep 2019 11:36

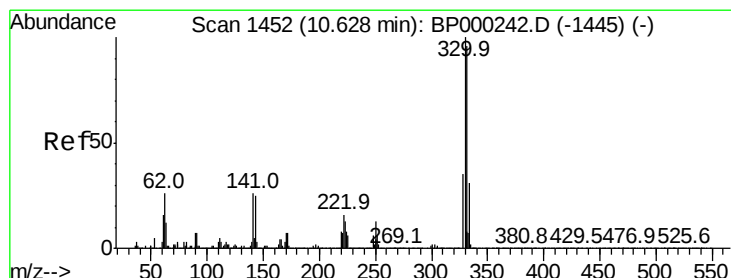
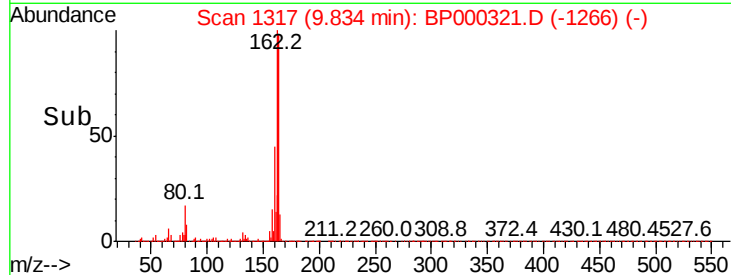
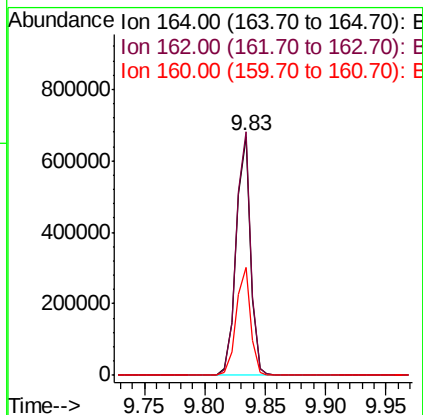
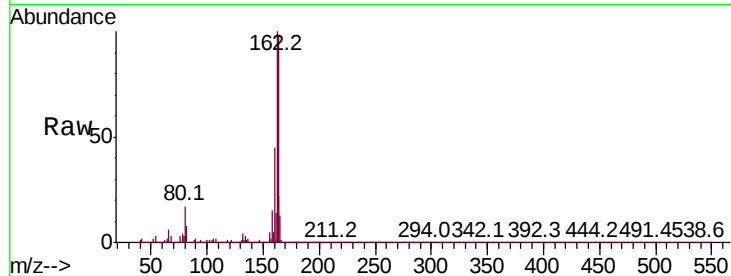
Tgt Ion: 82 Resp: 1275259
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.9 23.9#





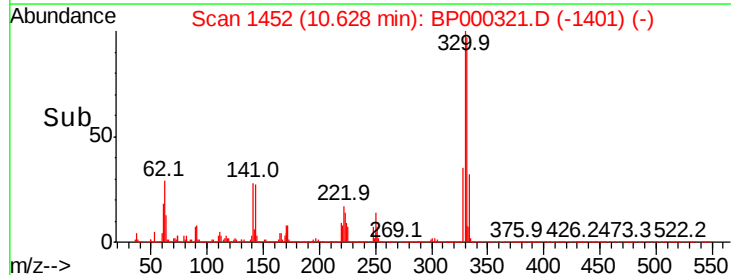
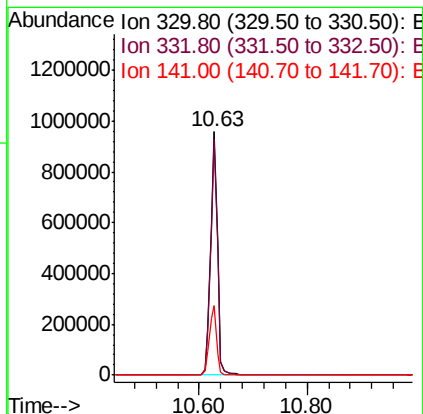
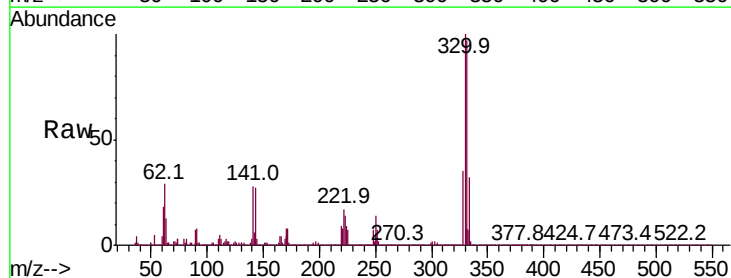
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000321.D
Acq: 19 Sep 2019 11:36

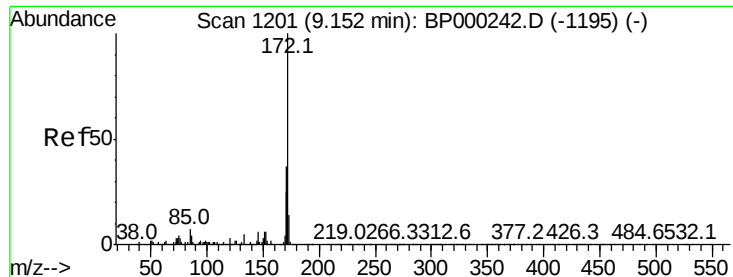
Tot Ion:	164	Resp:	558233
Ion	Ratio	Lower	Upper
164	100		
162	101.9	79.9	119.9
160	45.4	35.6	53.4



#42
2,4,6-Tribromophenol
Concen: 152.933 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000321.D
Acq: 19 Sep 2019 11:36

Tgt Ion:	330	Resp:	846777
Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	29.7	26.5	39.7

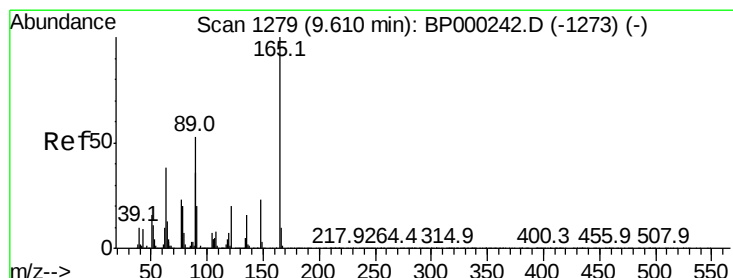
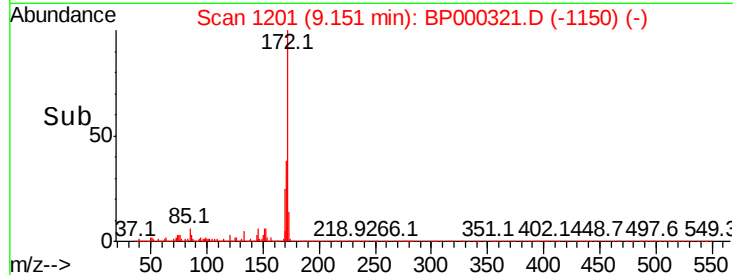
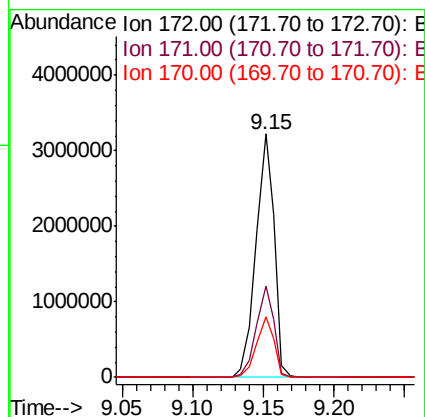
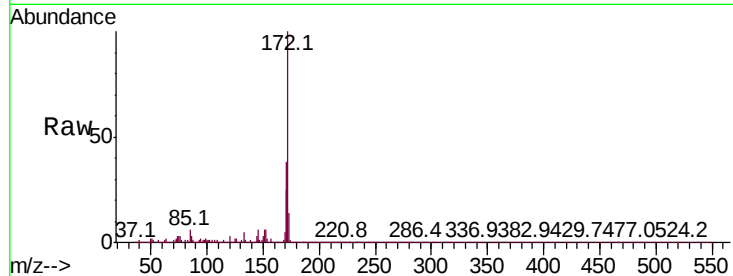




#45
2-Fluorobiphenyl
Concen: 94.653 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000321.D
Acq: 19 Sep 2019 11:36

Tot Ion:172 Resp: 2935780

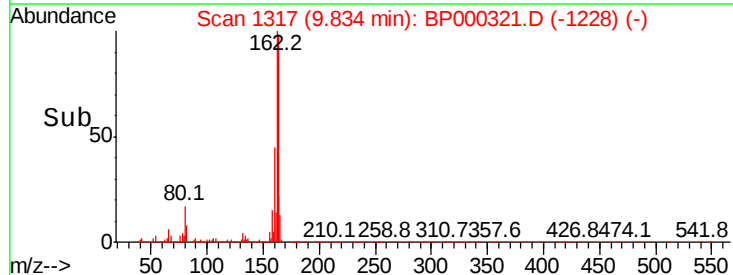
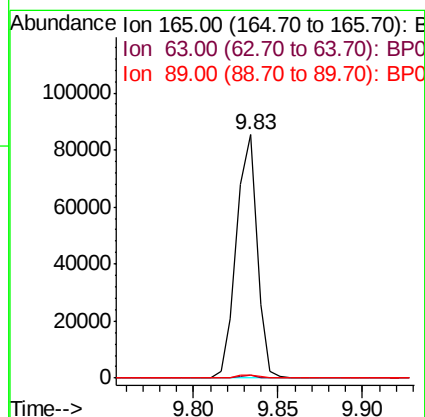
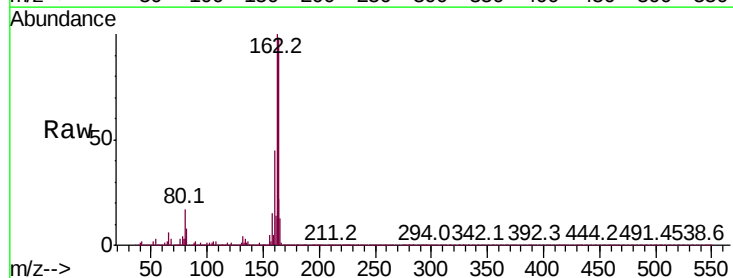
Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	24.8	19.8	29.6

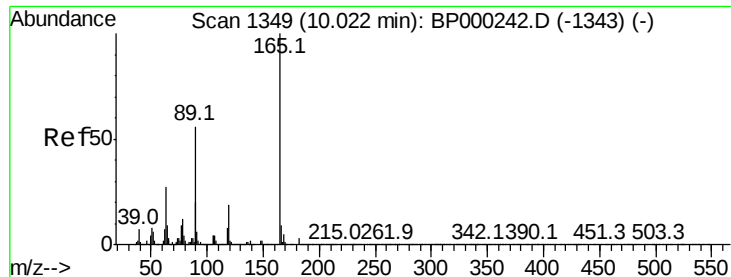


#51
2,6-Dinitrotoluene
Concen: 8.703 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.22 min
Lab File: BP000321.D
Acq: 19 Sep 2019 11:36

Tgt Ion:165 Resp: 72777

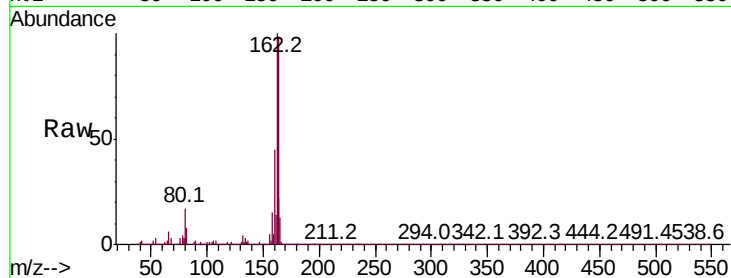
Ion	Ratio	Lower	Upper
165	100		
63	1.0	35.8	53.8#
89	1.3	42.6	63.8#





#57
 2,4-Dinitrotoluene
 Concen: 6.662 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.19 min
 Lab File: BP000321.D
 Acq: 19 Sep 2019 11:36

Tot Ion:	165	Resp:	72827
Ion	Ratio	Lower	Upper
165	100		
63	1.0	21.7	32.5#
89	1.3	45.0	67.6#
182	0.0	2.4	3.6#

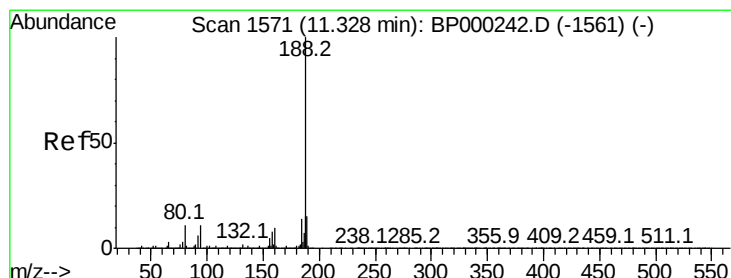
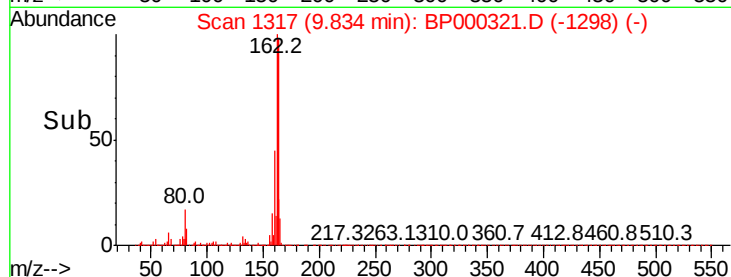
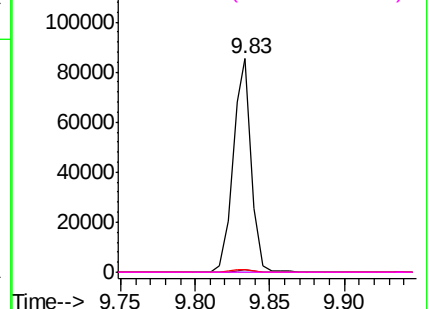


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

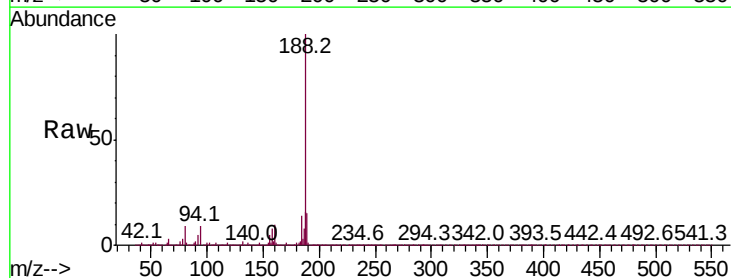
Ion 89.00 (88.70 to 89.70): BP0

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: BP000321.D
 Acq: 19 Sep 2019 11:36

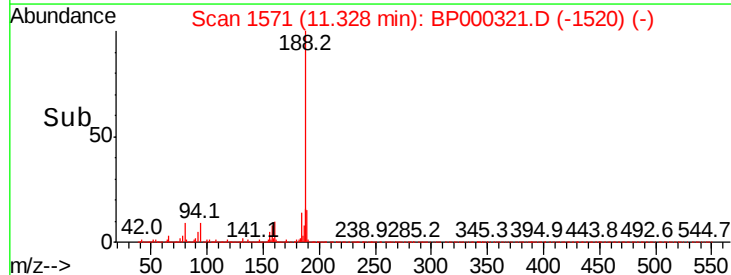
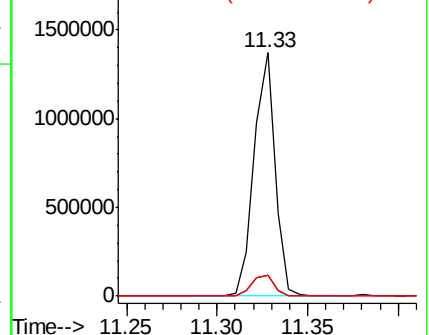
Tgt Ion:	188	Resp:	1109037
Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	8.8	8.6	13.0

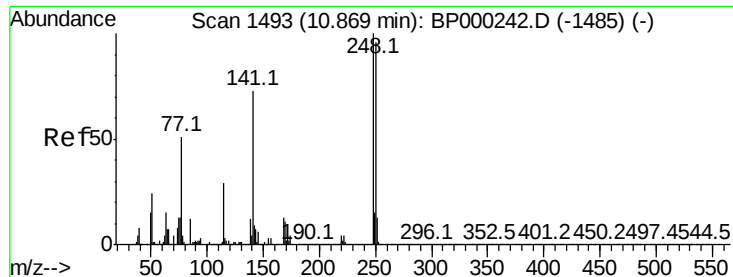


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

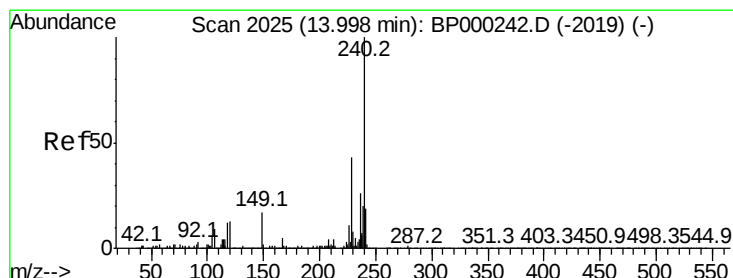
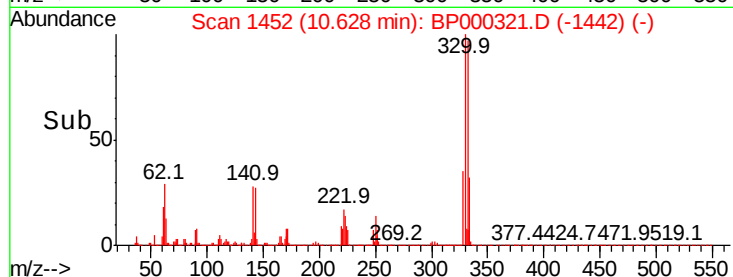
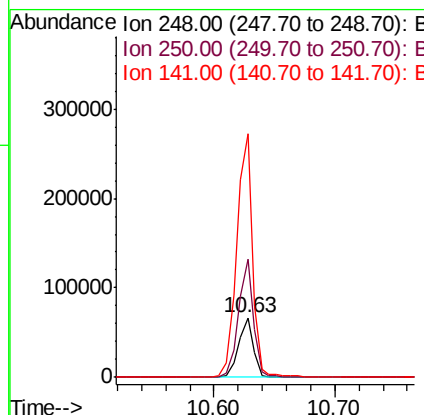
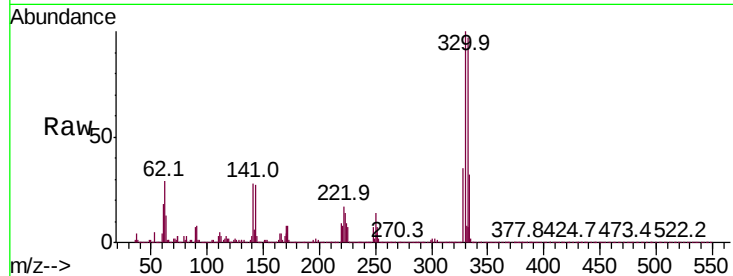
Ion 80.00 (79.70 to 80.70): BP0





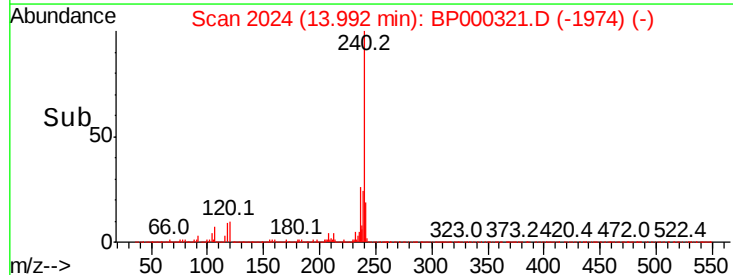
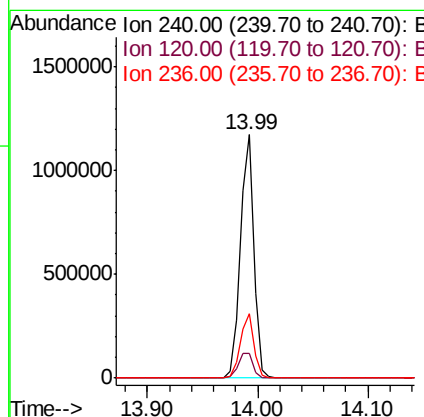
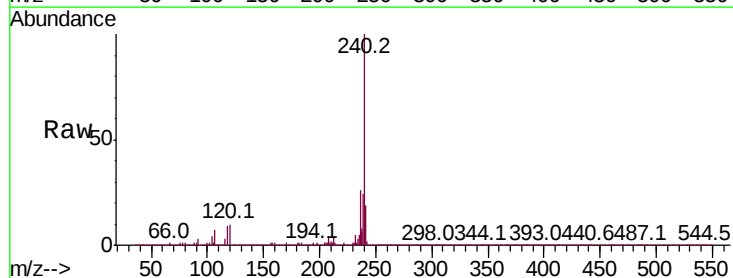
#67
4-Bromophenyl-phenylether
Concen: 4.595 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BP000321.D
Acq: 19 Sep 2019 11:36

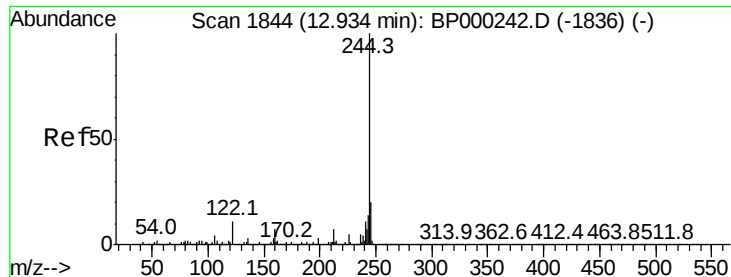
Tot Ion	Ratio	Lower	Upper
248	100		
250	196.8	77.0	115.4#
141	406.5	58.5	87.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000321.D
Acq: 19 Sep 2019 11:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	10.4	15.6#
236	26.2	21.0	31.6





#79

Terphenyl-d14

Concen: 81.663 ng

RT: 12.93 min Scan# 1844

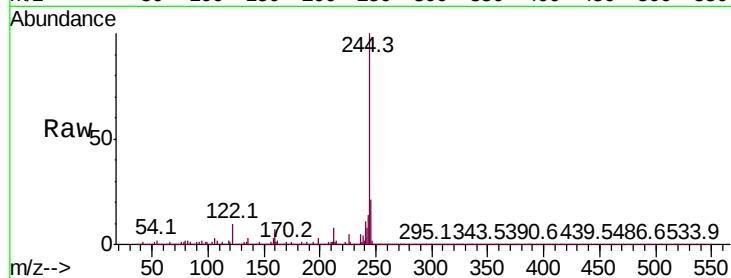
Delta R.T. -0.00 min

Lab File: BP000321.D

Acq: 19 Sep 2019 11:36

Tot Ion:244 Resp: 3942683

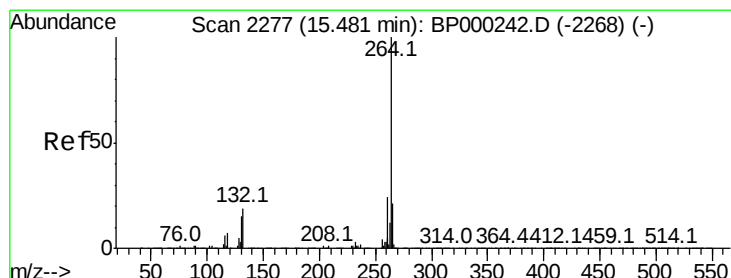
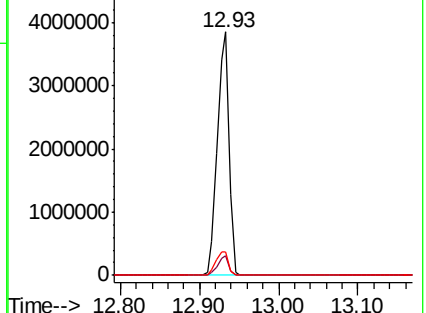
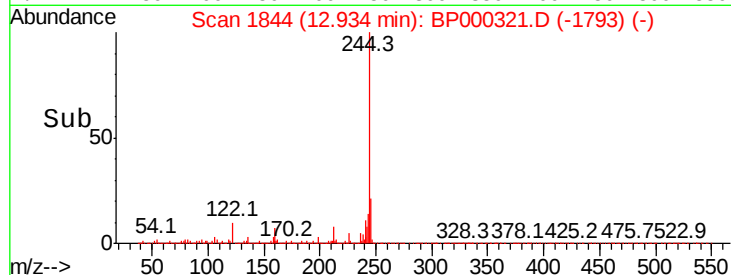
Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	9.7	9.0	13.4



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# 2276

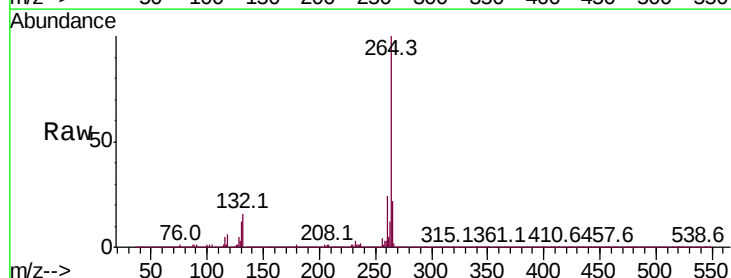
Delta R.T. -0.01 min

Lab File: BP000321.D

Acq: 19 Sep 2019 11:36

Tgt Ion:264 Resp: 1087072

Ion	Ratio	Lower	Upper
264	100		
260	23.6	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

