

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
 Data File : BP000328.D
 Acq On : 19 Sep 2019 14:29
 Operator : HP/JU
 Sample : K4944-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 20 02:06:01 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	235896	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	878180	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	509343	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	907838	20.00	ng	0.00
76) Chrysene-d12	13.99	240	688032	20.00	ng	0.00
87) Perylene-d12	15.48	264	752099	20.00	ng	0.00

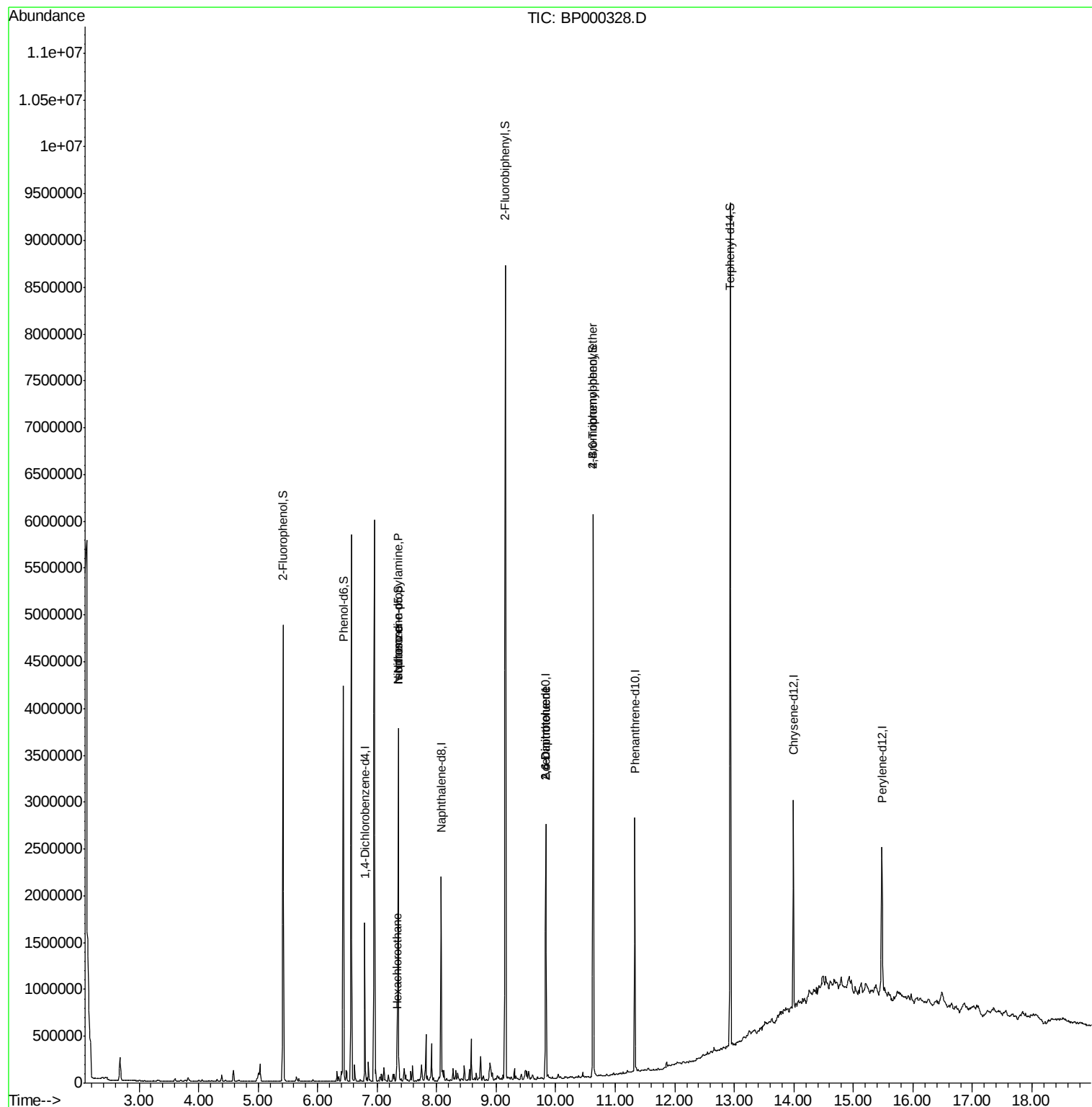
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1542922	112.92	ng	0.02
7) Phenol-d6	6.43	99	1776769	106.08	ng	0.01
23) Nitrobenzene-d5	7.35	82	1208653	88.80	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	806211	159.58	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2871307	101.46	ng	0.00
79) Terphenyl-d14	12.93	244	3262674	99.48	ng	0.00

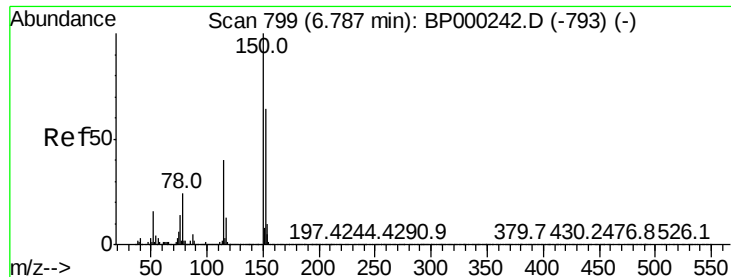
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.57	77	37377	Below Cal		83
18) Hexachloroethane	7.33	117	14942	2.298 ng	#	1
19) n-Nitroso-di-n-propylamine	7.35	70	151514	17.109 ng	#	75
25) Isophorone	7.35	82	1208142	44.826 ng	#	63
51) 2,6-Dinitrotoluene	9.83	165	67293	8.819 ng	#	30
57) 2,4-Dinitrotoluene	9.83	165	67293	6.746 ng	#	35
67) 4-Bromophenyl-phenylether	10.63	248	54394	5.299 ng	#	1
69) Atrazine	11.02	200	84	Below Cal	#	1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
Data File : BP000328.D
Acq On : 19 Sep 2019 14:29
Operator : HP/JU
Sample : K4944-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 20 02:06:01 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

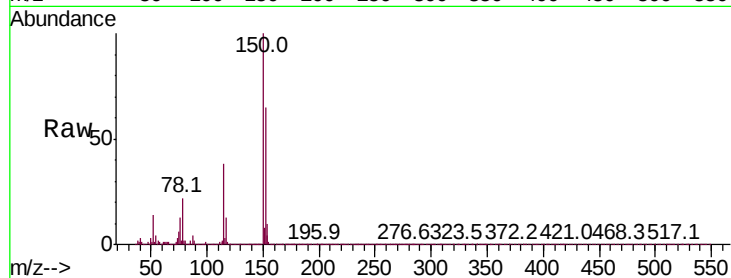




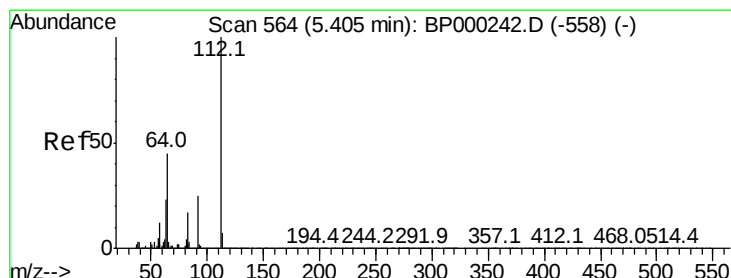
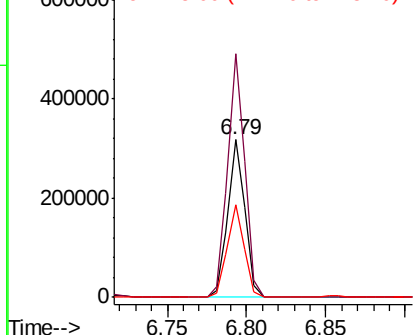
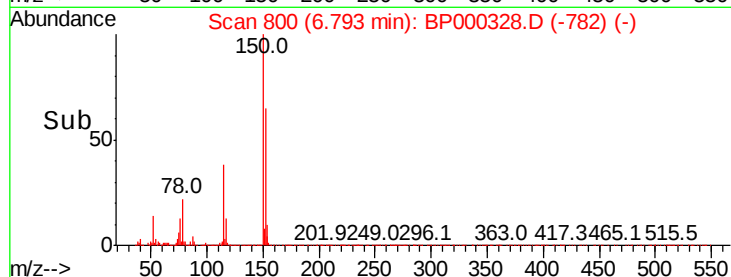
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000328.D
Acq: 19 Sep 2019 14:29

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.2	187.8
115	58.7	49.7	74.5



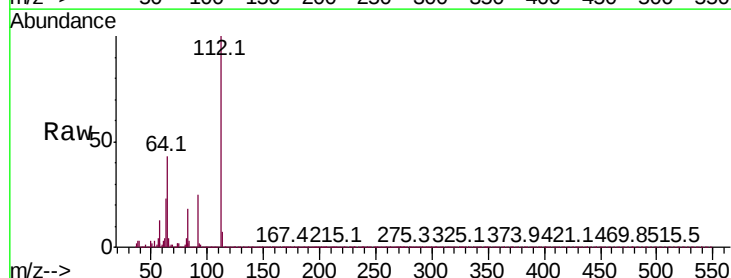
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



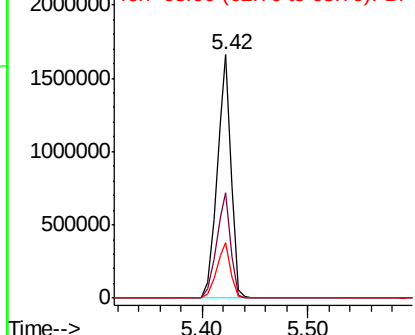
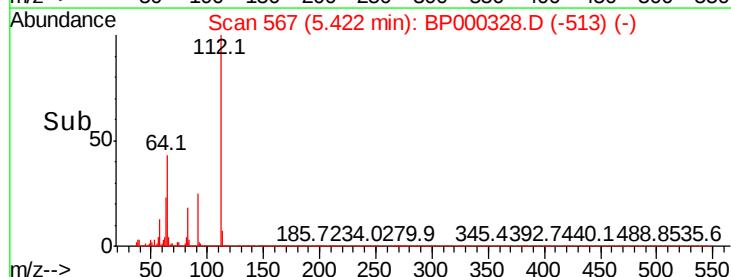
#5

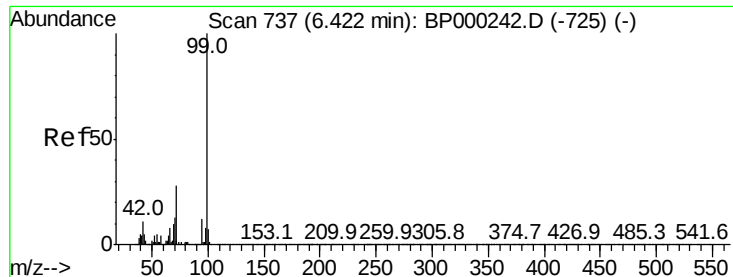
2-Fluorophenol
Concen: 112.915 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BP000328.D
Acq: 19 Sep 2019 14:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.5	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: 106.078 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000328.D

Acq: 19 Sep 2019 14:29

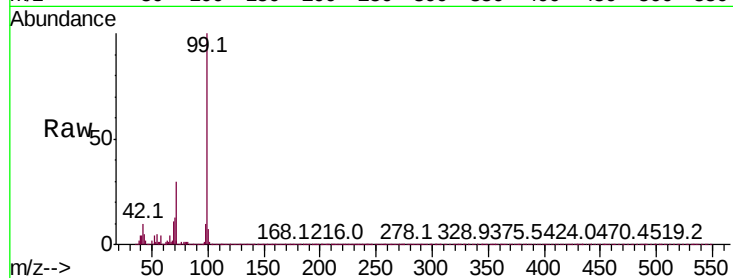
Tot Ion: 99 Resp: 1776769

Ion Ratio Lower Upper

99 100

42 10.4 8.5 12.7

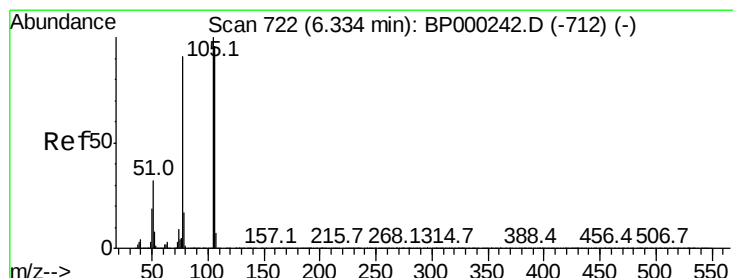
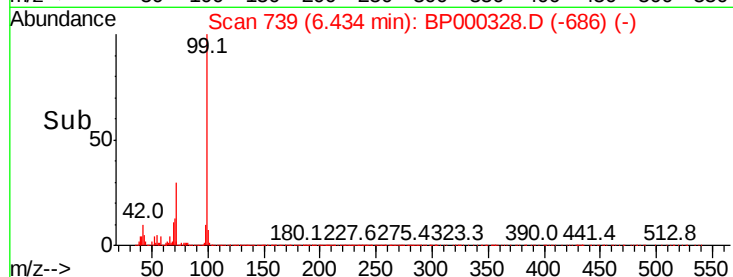
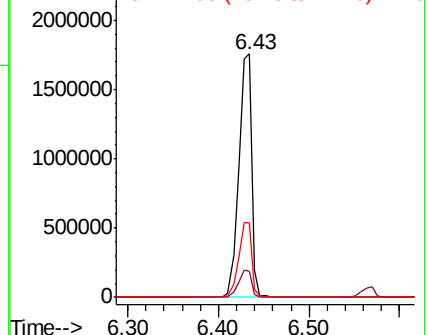
71 30.4 22.6 34.0



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: 6.57 min Scan# 762

Delta R.T. 0.24 min

Lab File: BP000328.D

Acq: 19 Sep 2019 14:29

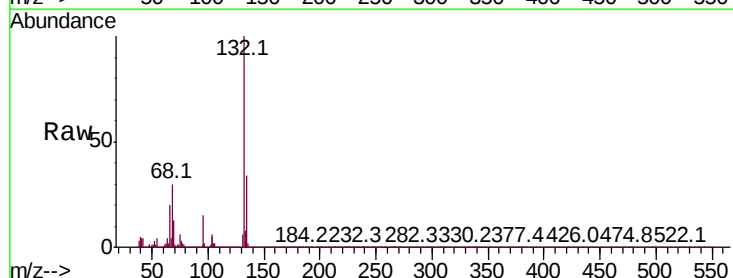
Tgt Ion: 77 Resp: 37377

Ion Ratio Lower Upper

77 100

105 92.4 89.6 129.6

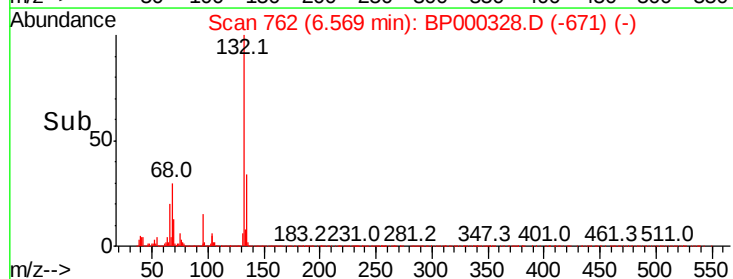
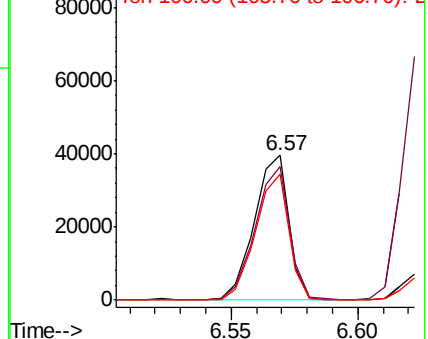
106 86.6 84.6 124.6

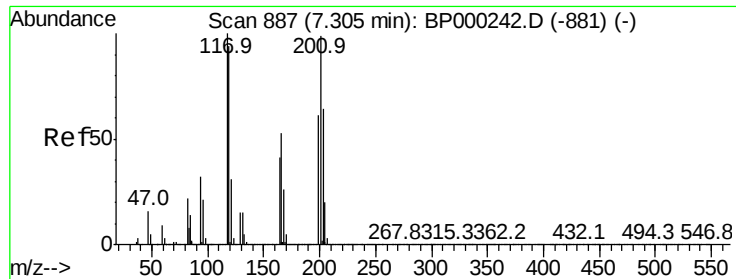


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#18

Hexachloroethane

Concen: 2.298 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.02 min

Lab File: BP000328.D

Acq: 19 Sep 2019 14:29

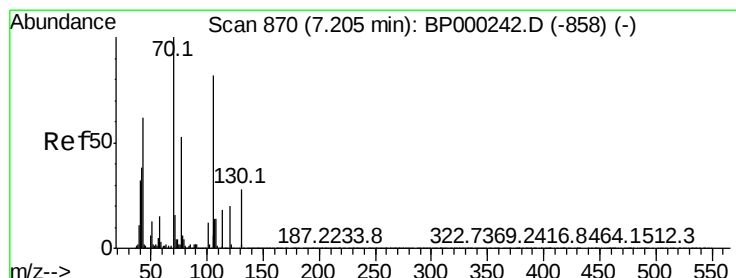
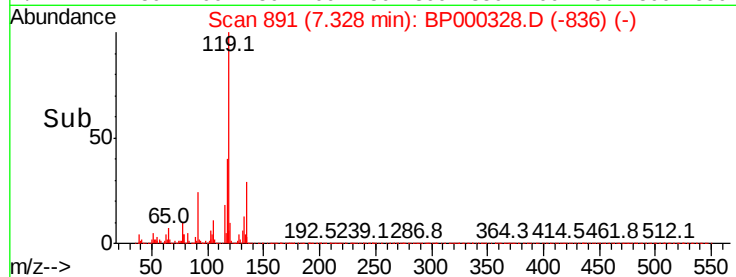
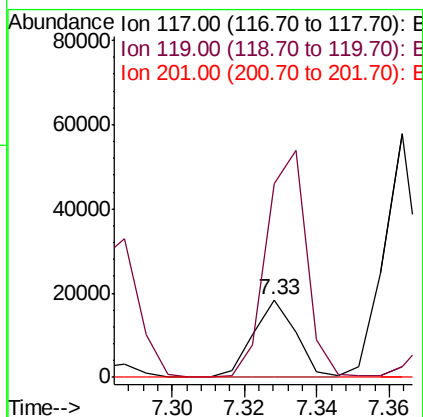
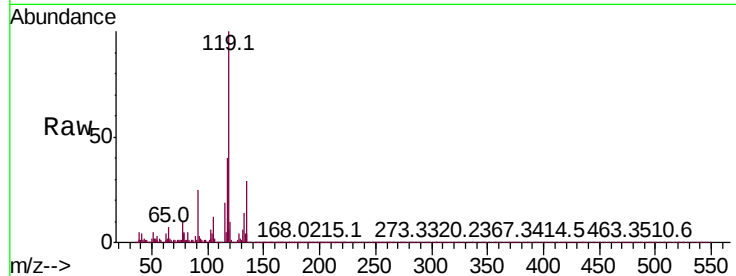
Tot Ion:117 Resp: 14942

Ion Ratio Lower Upper

117 100

119 249.5 75.6 113.4#

201 0.2 79.4 119.2#



#19

n-Nitroso-di-n-propylamine

Concen: 17.109 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.15 min

Lab File: BP000328.D

Acq: 19 Sep 2019 14:29

Tgt Ion: 70 Resp: 151514

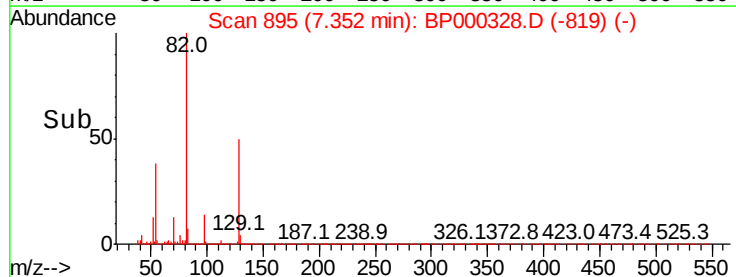
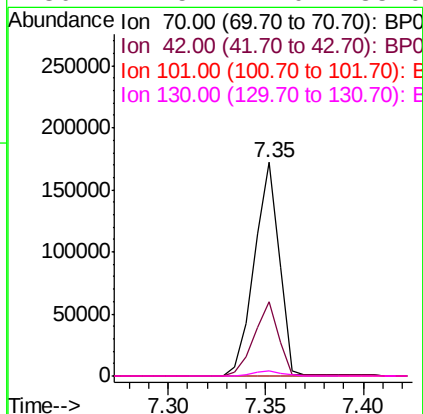
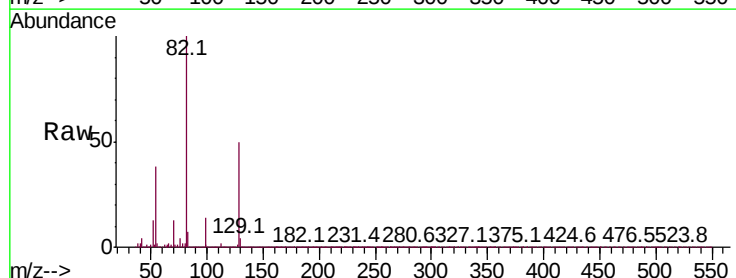
Ion Ratio Lower Upper

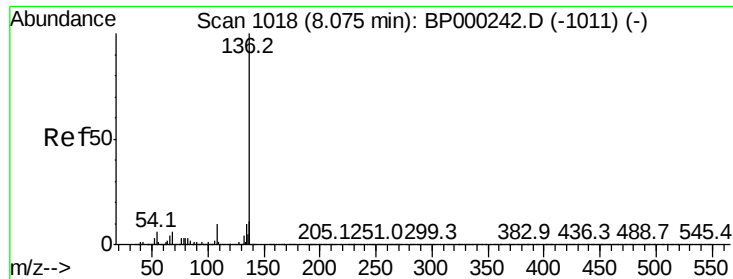
70 100

42 34.5 30.7 46.1

101 0.1 9.6 14.4#

130 2.5 22.0 33.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BP000328.D

Acq: 19 Sep 2019 14:29

Tot Ion:136 Resp: 878180

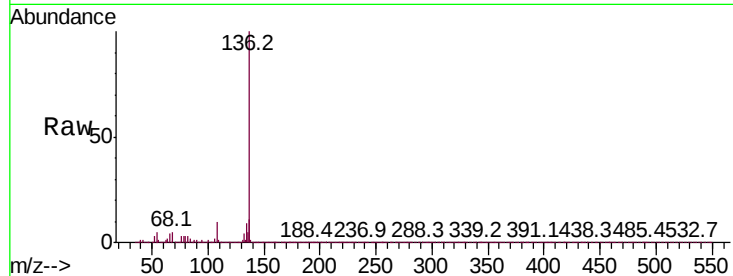
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 5.1 4.5 6.7

68 5.0 4.5 6.7

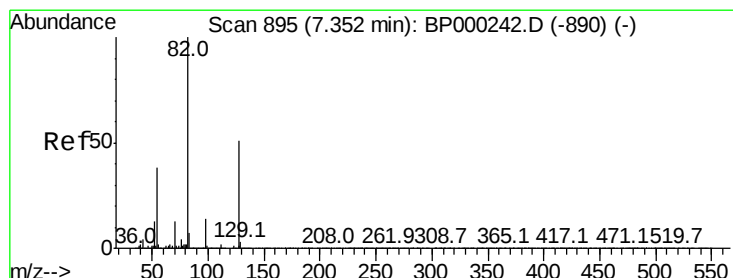
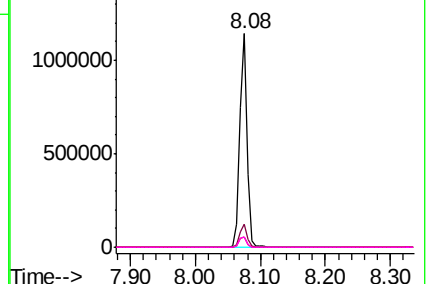
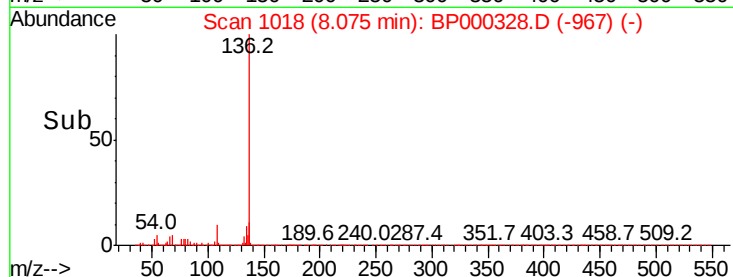


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#23

Nitrobenzene-d5

Concen: 88.799 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.00 min

Lab File: BP000328.D

Acq: 19 Sep 2019 14:29

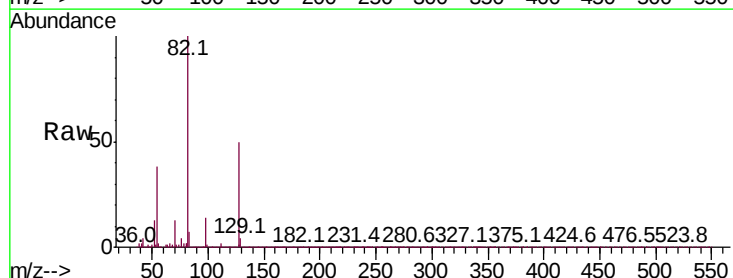
Tgt Ion: 82 Resp: 1208653

Ion Ratio Lower Upper

82 100

128 50.3 40.7 61.1

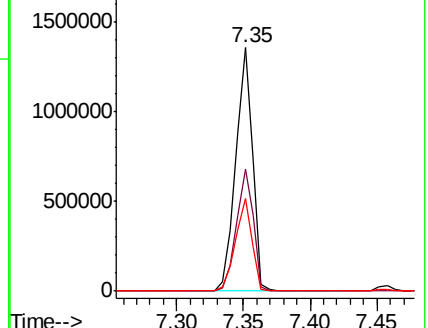
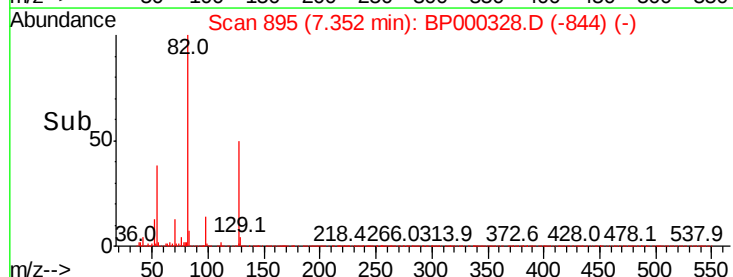
54 38.0 30.1 45.1

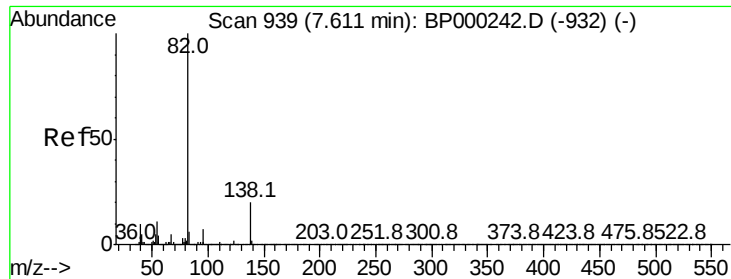


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0





#25

Isophorone

Concen: 44.826 ng

RT: 7.35 min Scan# 895

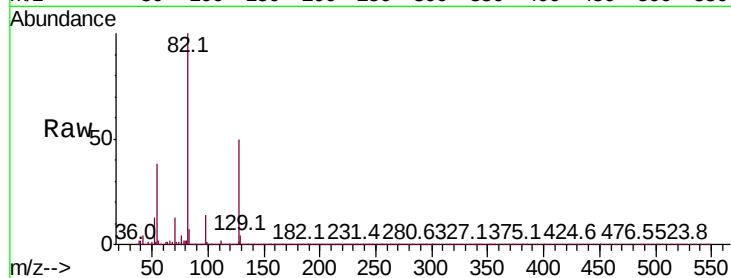
Delta R.T. -0.26 min

Lab File: BP000328.D

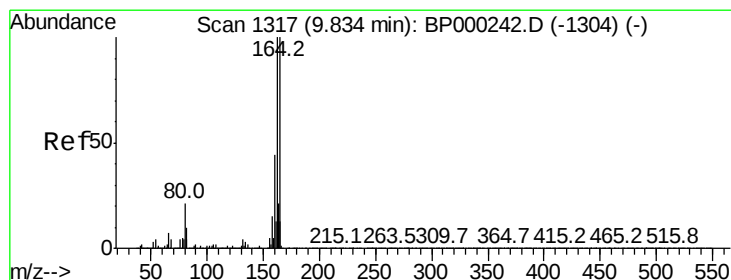
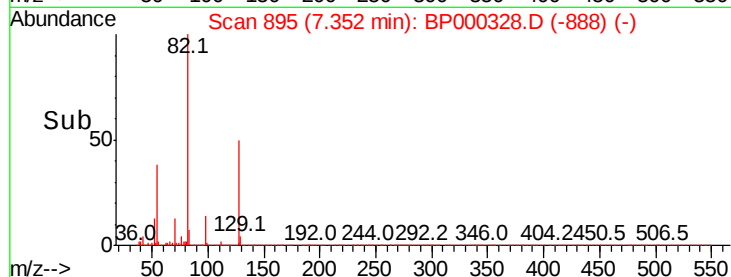
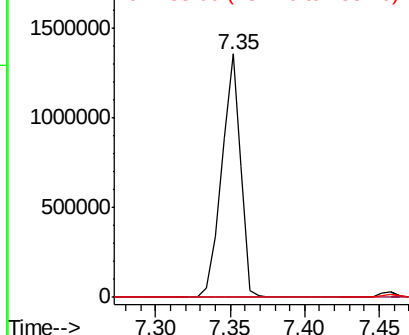
Acq: 19 Sep 2019 14:29

Tot Ion: 82 Resp: 1208142

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

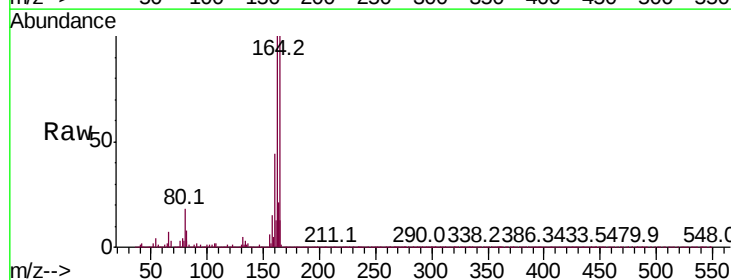
Delta R.T. 0.00 min

Lab File: BP000328.D

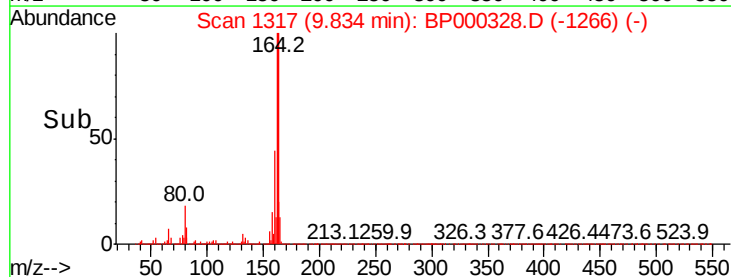
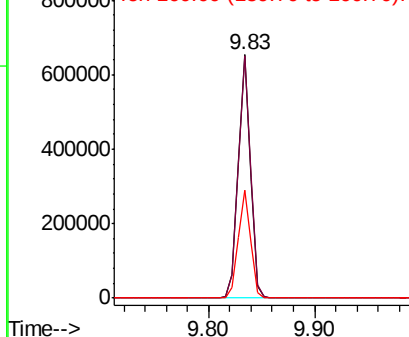
Acq: 19 Sep 2019 14:29

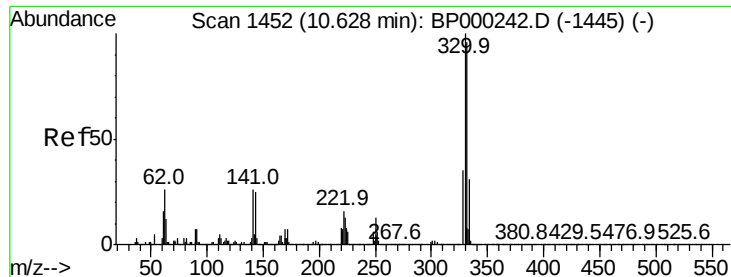
Tgt Ion: 164 Resp: 509343

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.9	119.9
160	44.3	35.6	53.4



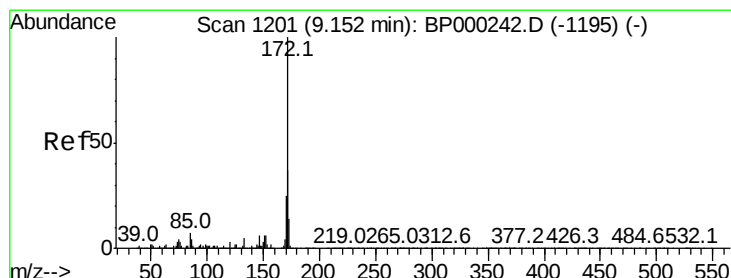
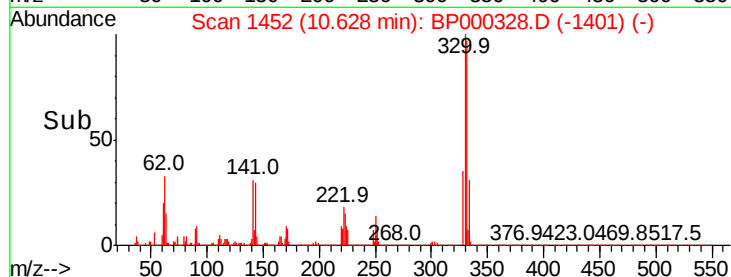
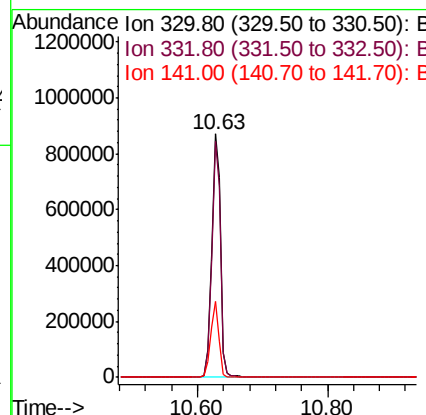
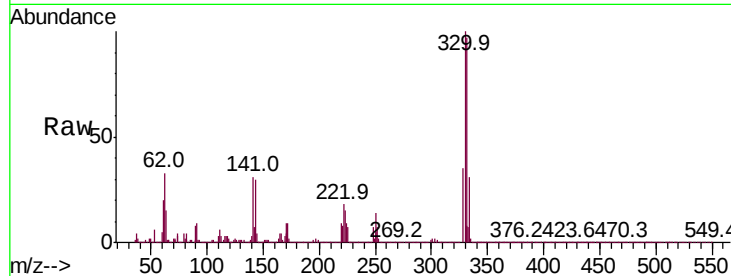
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





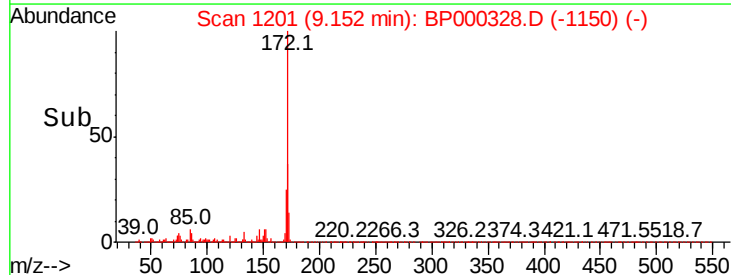
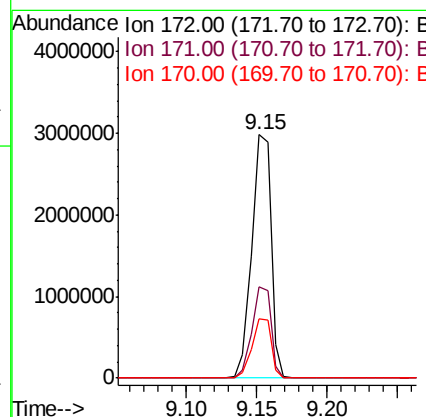
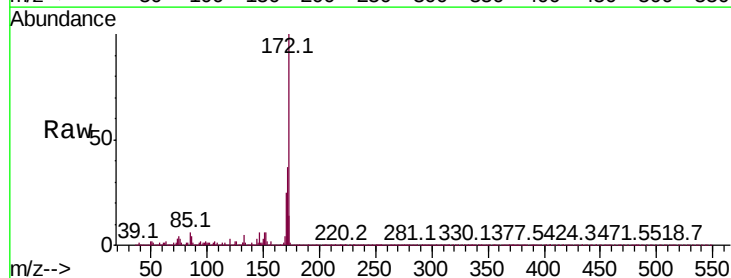
#42
 2,4,6-Tribromophenol
 Concen: 159.583 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BP000328.D
 Acq: 19 Sep 2019 14:29

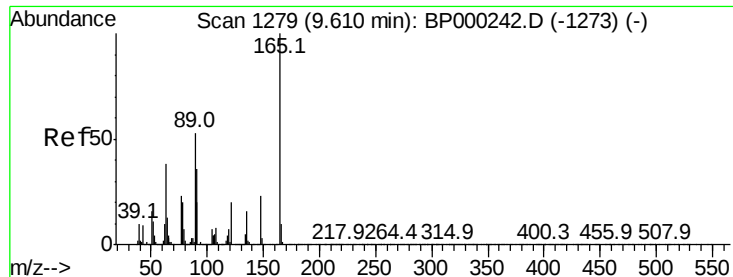
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	29.4	26.5	39.7



#45
 2-Fluorobiphenyl
 Concen: 101.460 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BP000328.D
 Acq: 19 Sep 2019 14:29

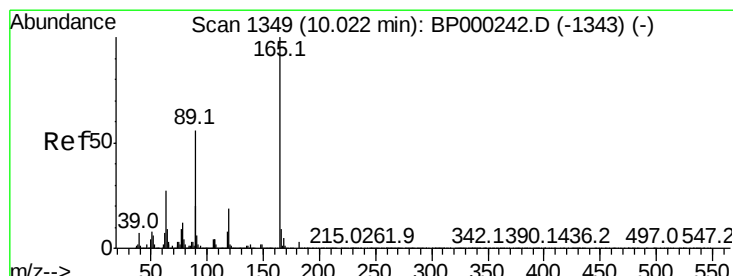
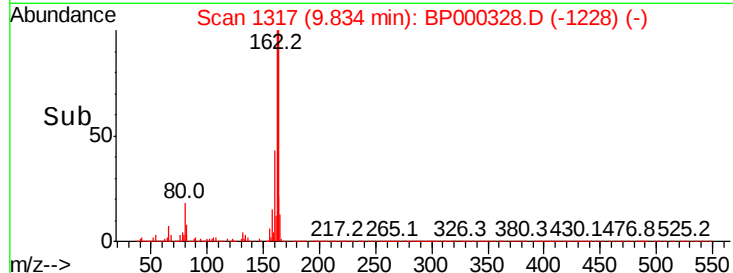
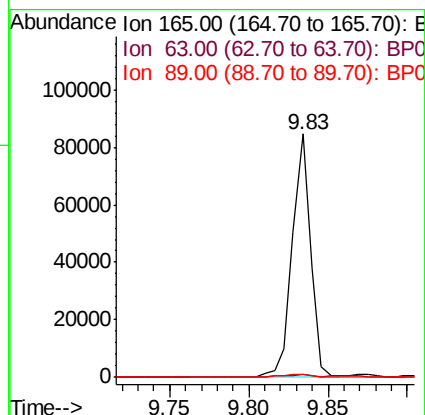
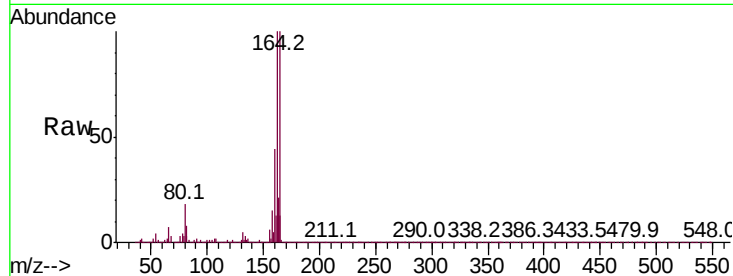
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.6
170	24.6	19.8	29.6





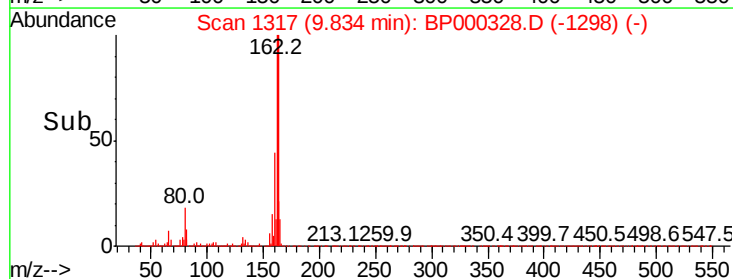
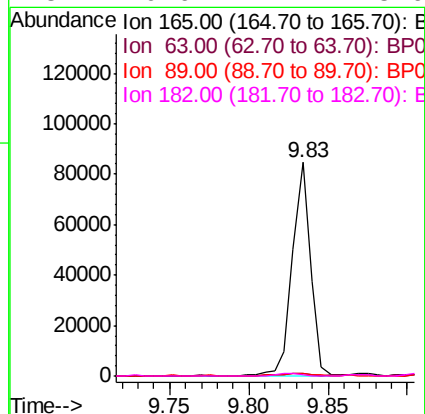
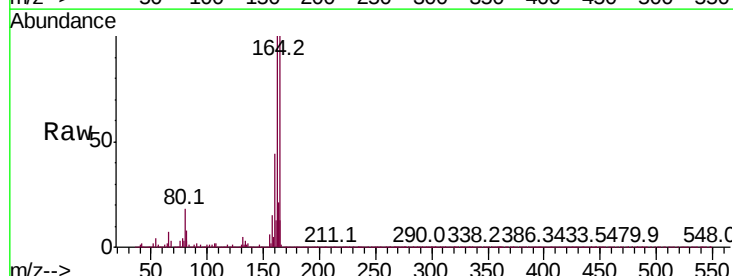
#51
2,6-Dinitrotoluene
Concen: 8.819 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.22 min
Lab File: BP000328.D
Acq: 19 Sep 2019 14:29

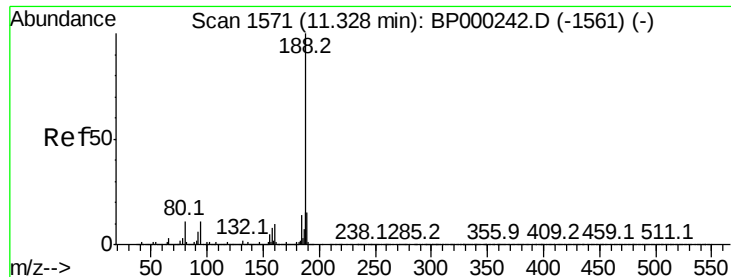
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.8	53.8#
89	1.3	42.6	63.8#



#57
2,4-Dinitrotoluene
Concen: 6.746 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BP000328.D
Acq: 19 Sep 2019 14:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	21.7	32.5#
89	1.3	45.0	67.6#
182	0.6	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: BP000328.D

Acq: 19 Sep 2019 14:29

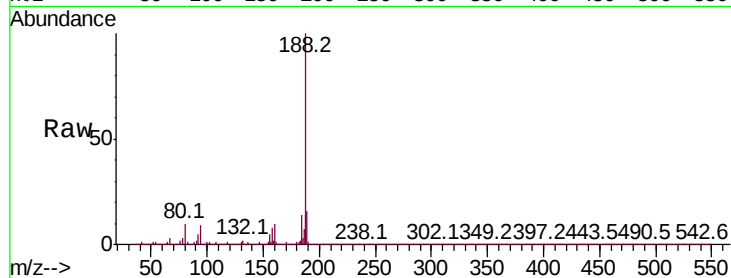
Tot Ion:188 Resp: 907838

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

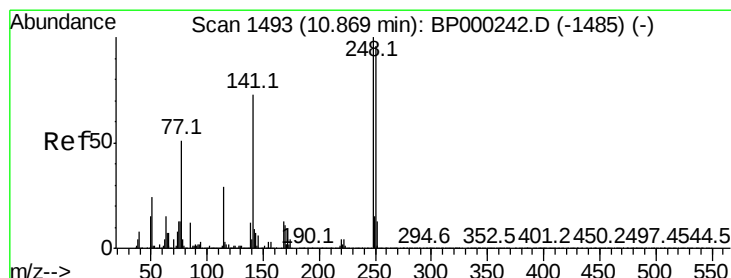
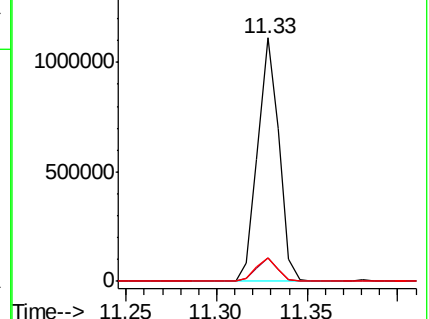
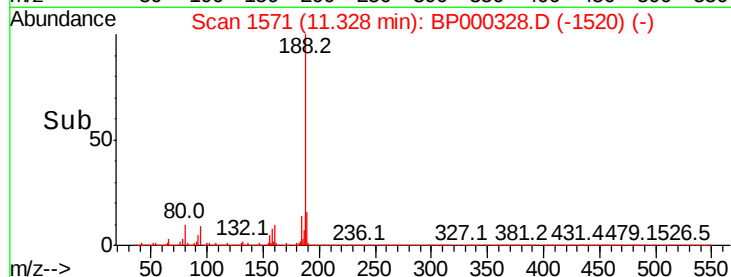
80 9.8 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

1500000 Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#67

4-Bromophenyl-phenylether

Concen: 5.299 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BP000328.D

Acq: 19 Sep 2019 14:29

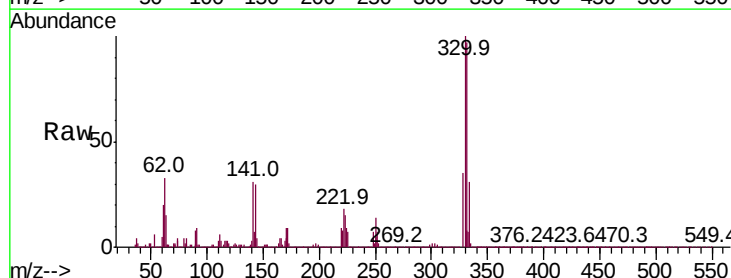
Tgt Ion:248 Resp: 54394

Ion Ratio Lower Upper

248 100

250 200.3 77.0 115.4#

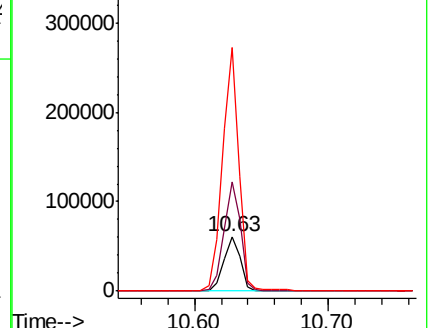
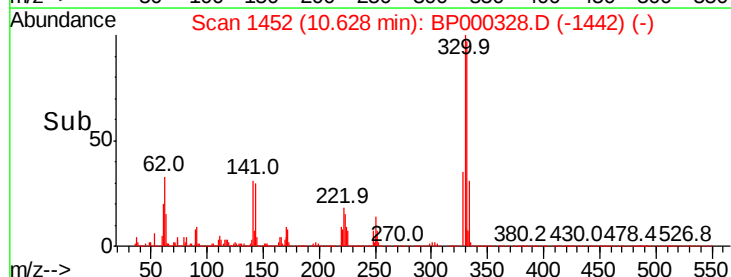
141 444.9 58.5 87.7#

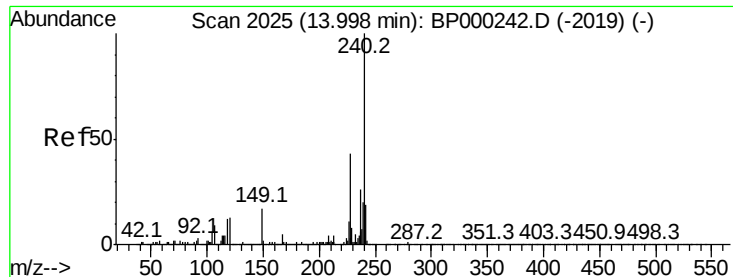


Abundance Ion 248.00 (247.70 to 248.70): E

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: BP000328.D

Acq: 19 Sep 2019 14:29

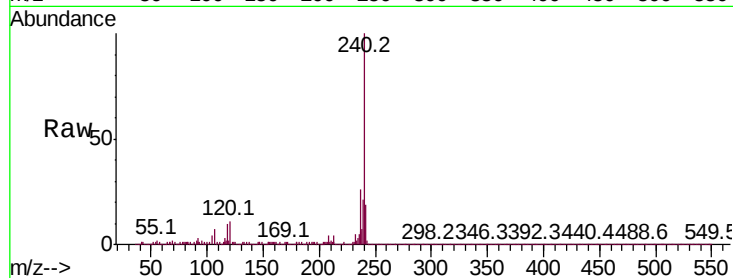
Tot Ion:240 Resp: 688032

Ion Ratio Lower Upper

240 100

120 10.8 10.4 15.6

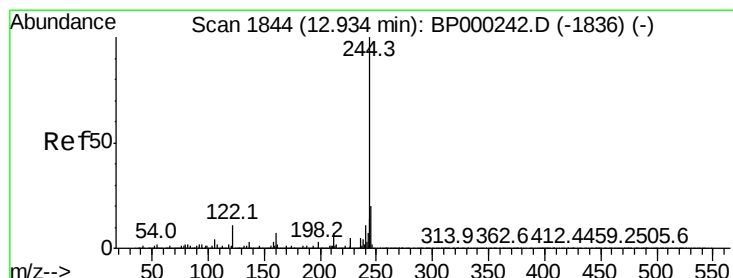
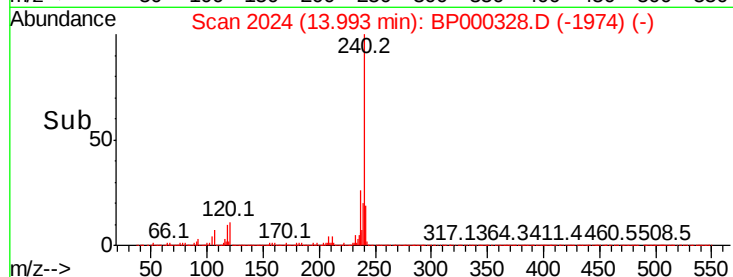
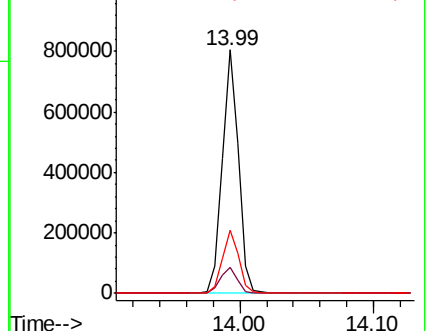
236 25.7 21.0 31.6



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: 99.481 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BP000328.D

Acq: 19 Sep 2019 14:29

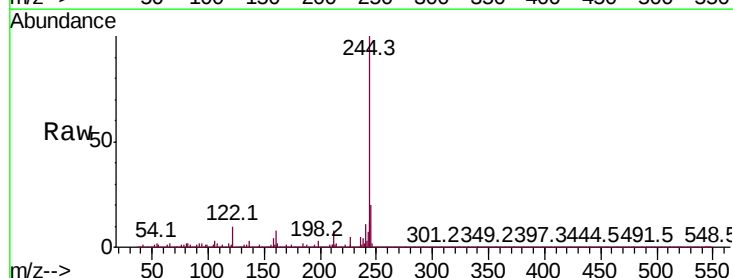
Tgt Ion:244 Resp: 3262674

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

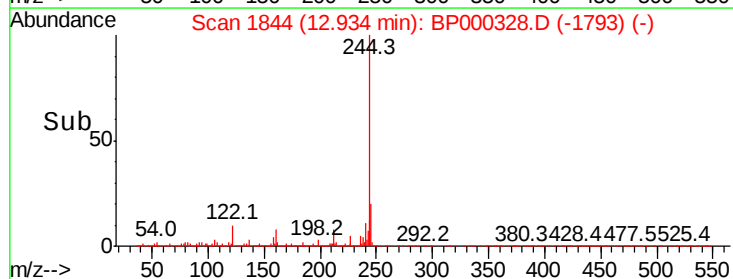
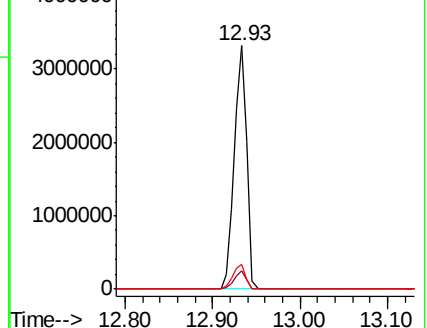
122 10.1 9.0 13.4

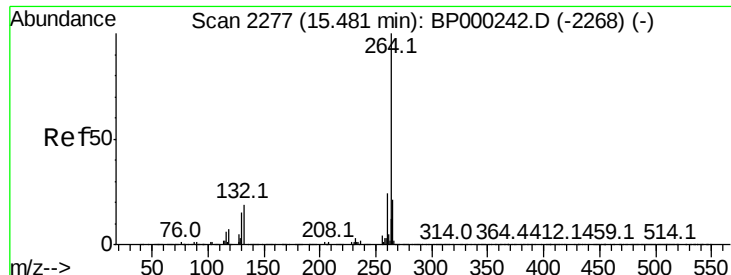


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

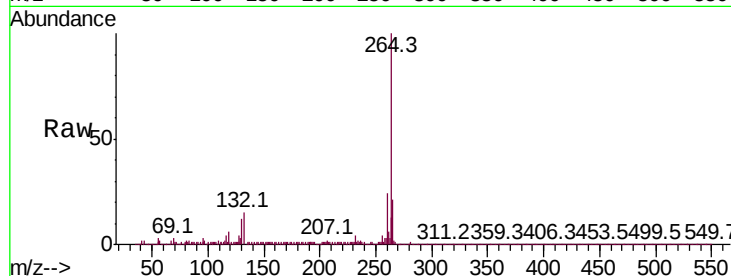
Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BP000328.D
Acq: 19 Sep 2019 14:29

Tot Ion:	264	Resp:	752099
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.3	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

