

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
 Data File : BP000323.D
 Acq On : 19 Sep 2019 12:29
 Operator : HP/JU
 Sample : K4877-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

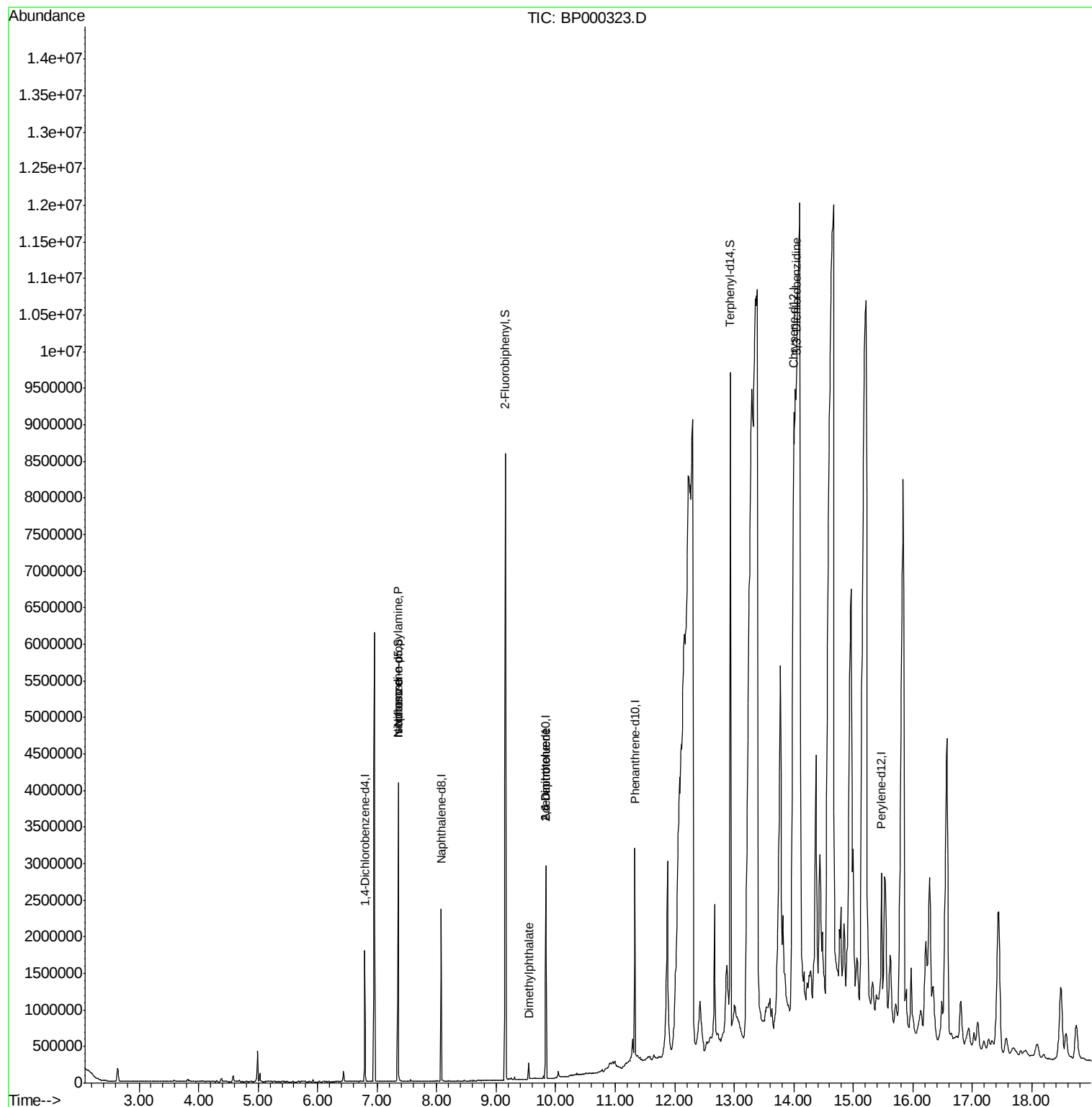
Quant Time: Sep 20 02:04:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

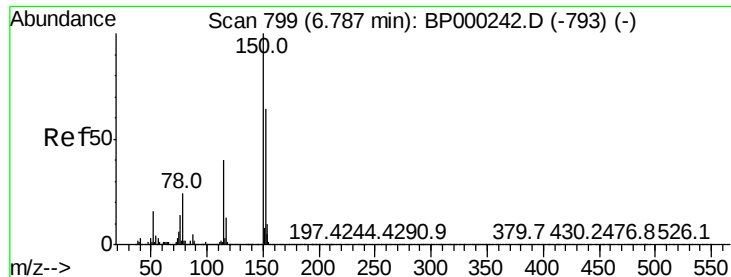
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	254429	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	942029	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	539981	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	990687	20.00	ng	0.00
76) Chrysene-d12	13.99	240	606576	20.00	ng	0.00
87) Perylene-d12	15.47	264	883566	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1197	0.08	ng	0.01
7) Phenol-d6	6.42	99	8506	0.47	ng	0.00
23) Nitrobenzene-d5	7.35	82	1315778	90.12	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	729	0.14	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2923133	97.43	ng	0.00
79) Terphenyl-d14	12.93	244	3452870	119.42	ng	0.00
Target Compounds						
9) Benzaldehyde	6.33	77	242	Below Cal	#	76
19) n-Nitroso-di-n-propylamine	7.35	70	164178	17.189 ng	#	76
25) Isophorone	7.35	82	1314814	45.477 ng	#	63
50) Dimethylphthalate	9.55	163	87439	2.377 ng		100
51) 2,6-Dinitrotoluene	9.83	165	70291	8.689 ng	#	30
57) 2,4-Dinitrotoluene	9.83	165	70291	6.647 ng	#	35
69) Atrazine	11.02	200	102	Below Cal	#	1
82) 3,3'-Dichlorobenzidine	14.03	252	43506	2.825 ng	#	1

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

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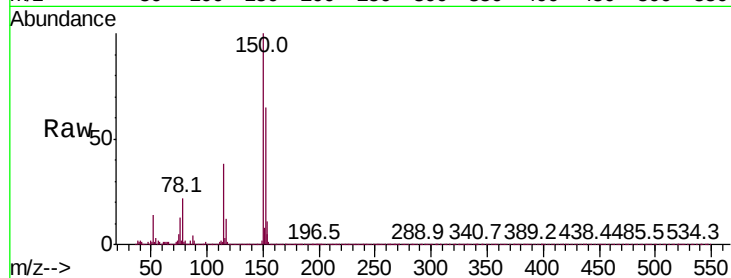




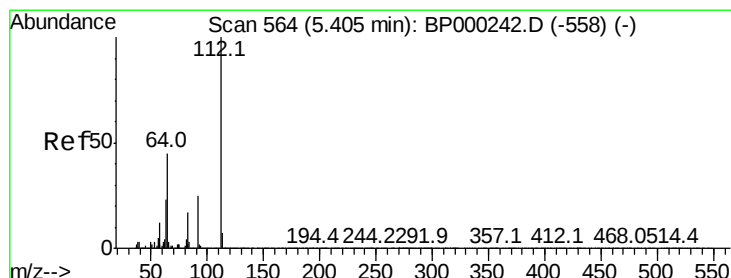
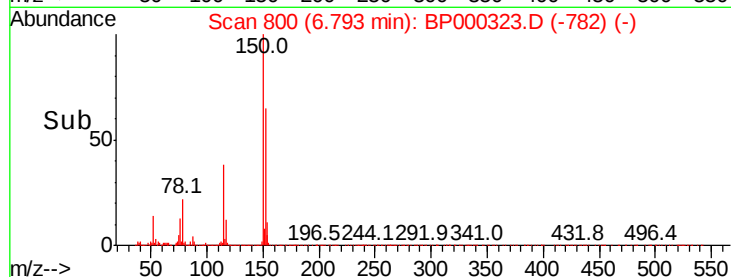
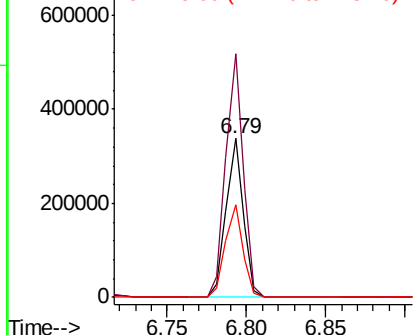
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000323.D
Acq: 19 Sep 2019 12:29

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	125.2	187.8
115	58.2	49.7	74.5



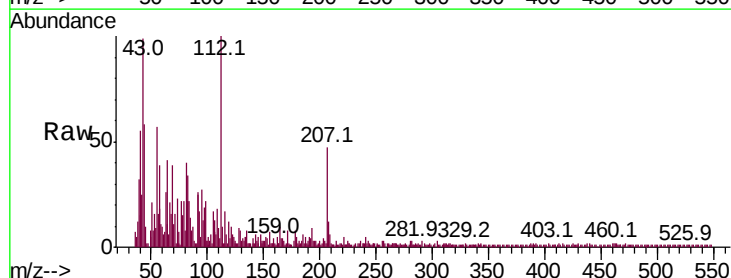
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



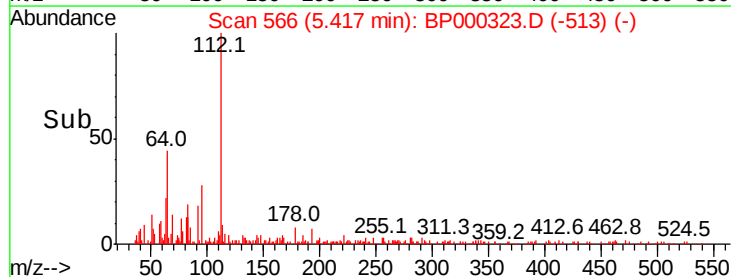
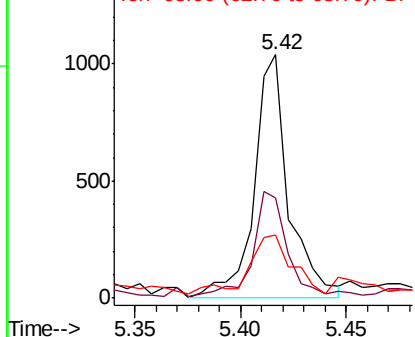
#5

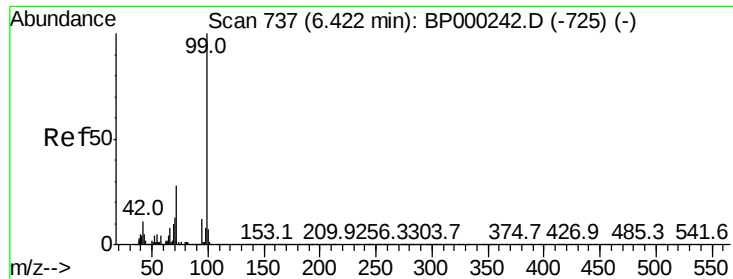
2-Fluorophenol
Concen: 0.081 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000323.D
Acq: 19 Sep 2019 12:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.4	36.2	54.4
63	26.1	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: 0.471 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BP000323.D

Acq: 19 Sep 2019 12:29

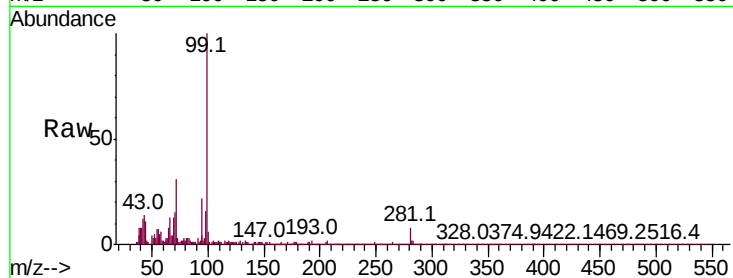
Tot Ion: 99 Resp: 8506

Ion Ratio Lower Upper

99 100

42 12.0 8.5 12.7

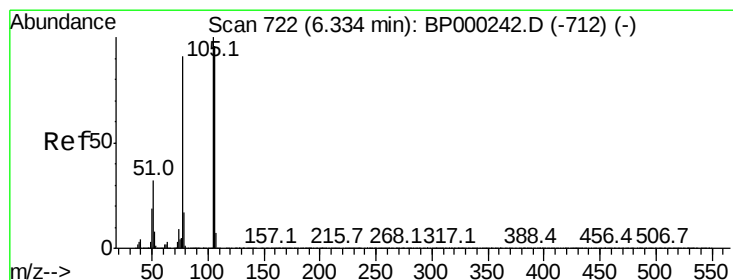
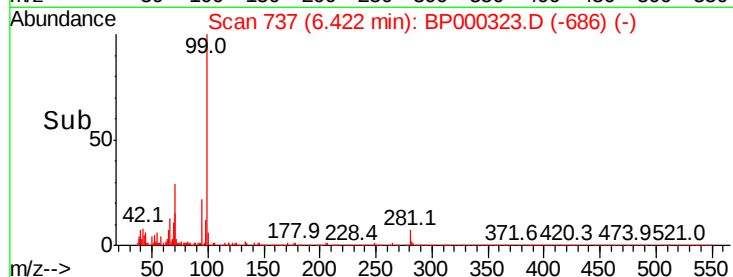
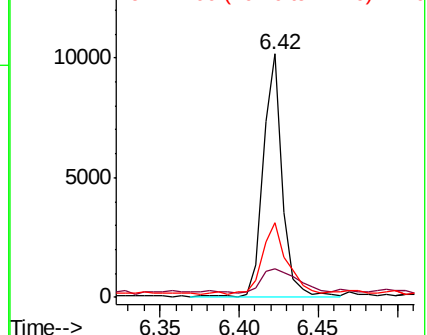
71 30.8 22.6 34.0



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: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BP000323.D

Acq: 19 Sep 2019 12:29

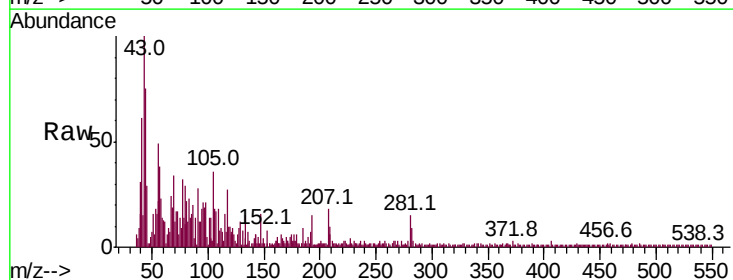
Tgt Ion: 77 Resp: 242

Ion Ratio Lower Upper

77 100

105 112.3 89.6 129.6

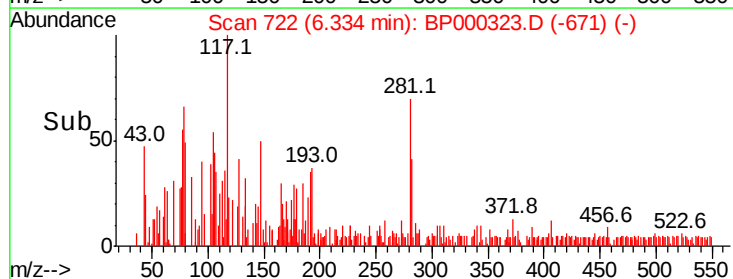
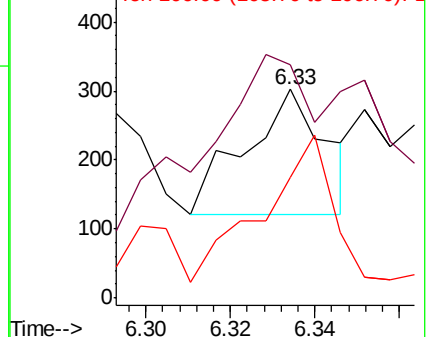
106 57.6 84.6 124.6#

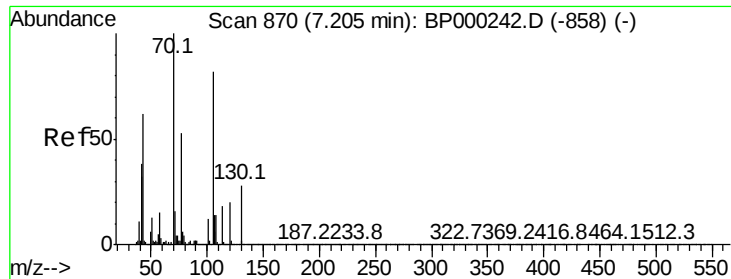


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

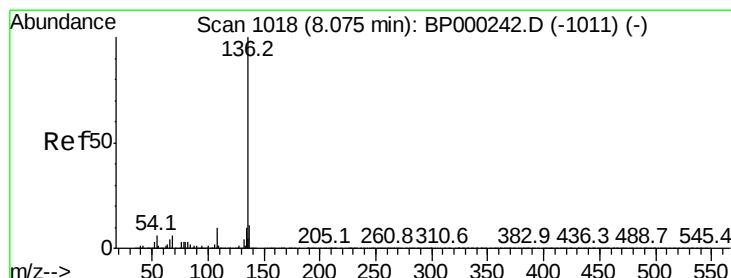
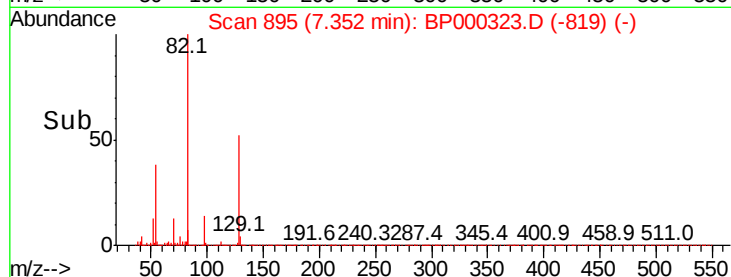
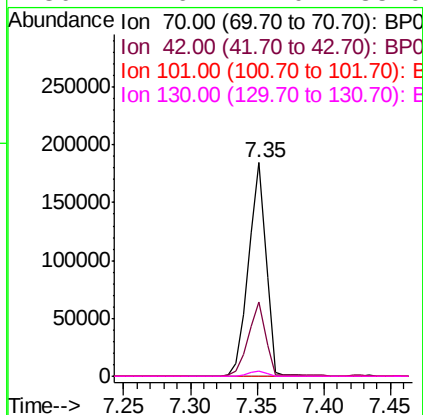
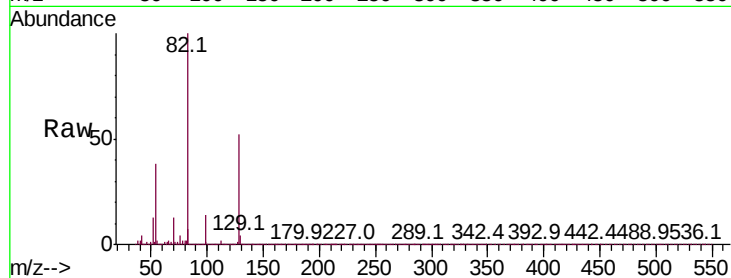
Ion 106.00 (105.70 to 106.70): E





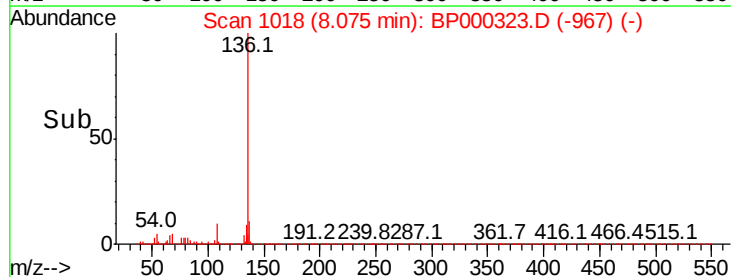
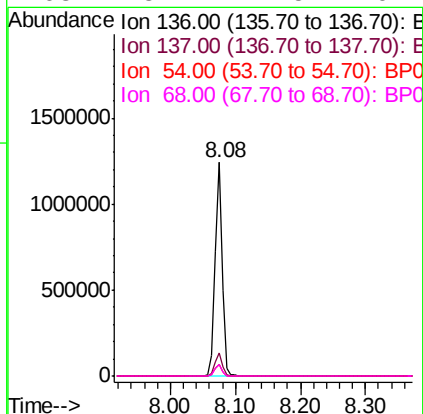
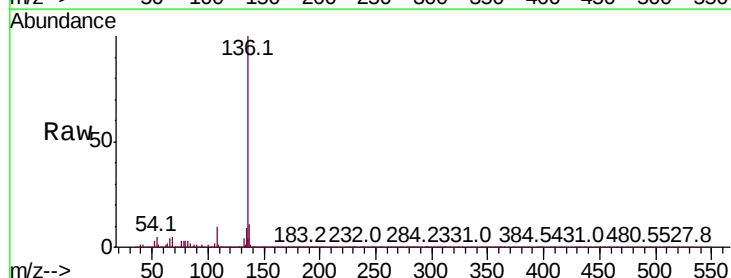
#19
n-Nitroso-di-n-propylamine
Concen: 17.189 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.15 min
Lab File: BP000323.D
Acq: 19 Sep 2019 12:29

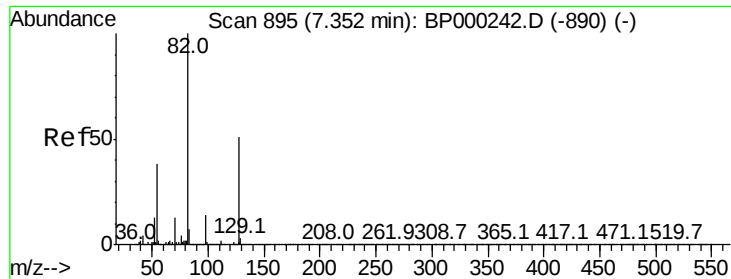
Tot Ion:	70	Resp:	164178
Ion	Ratio	Lower	Upper
70	100		
42	35.0	30.7	46.1
101	0.0	9.6	14.4#
130	2.6	22.0	33.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BP000323.D
Acq: 19 Sep 2019 12:29

Tgt Ion:	136	Resp:	942029
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	5.4	4.5	6.7
68	5.2	4.5	6.7

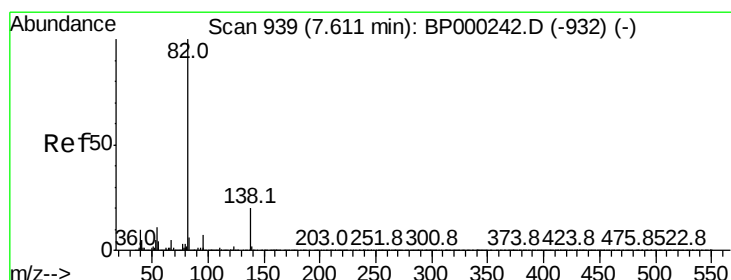
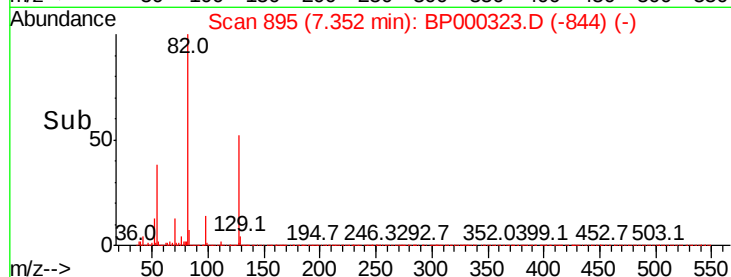
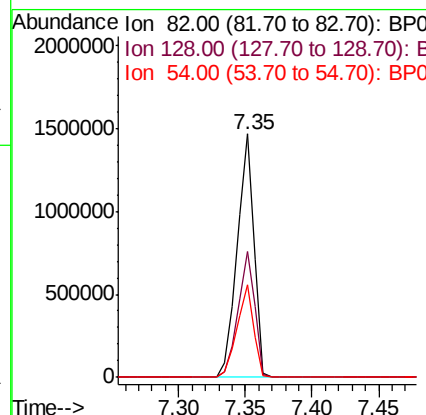
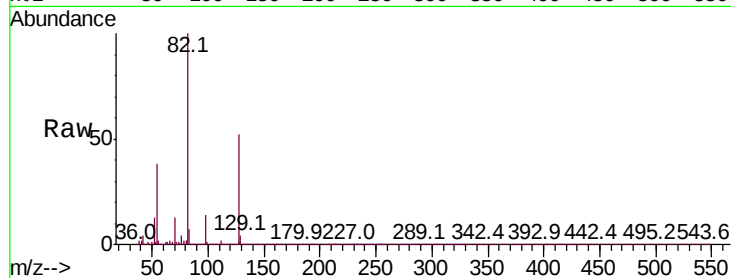




#23
 Nitrobenzene-d5
 Concen: 90.118 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BP000323.D
 Acq: 19 Sep 2019 12:29

Tot Ion: 82 Resp: 1315778

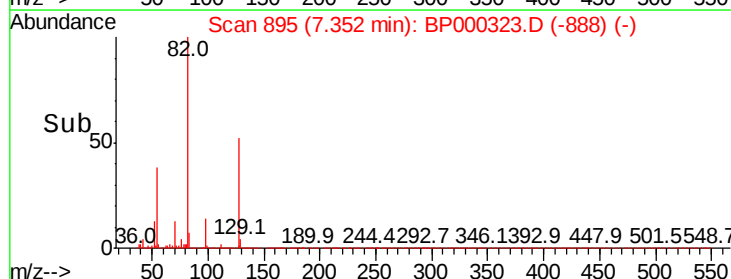
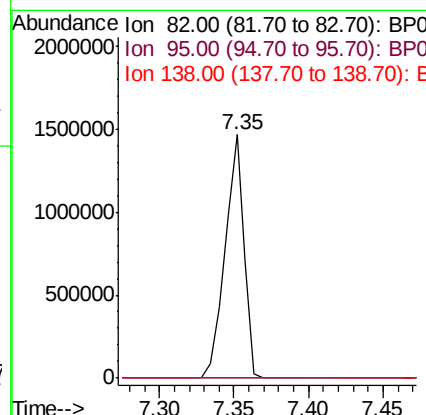
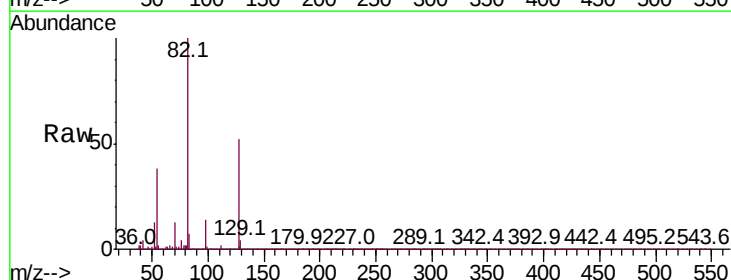
Ion	Ratio	Lower	Upper
82	100		
128	51.7	40.7	61.1
54	38.1	30.1	45.1

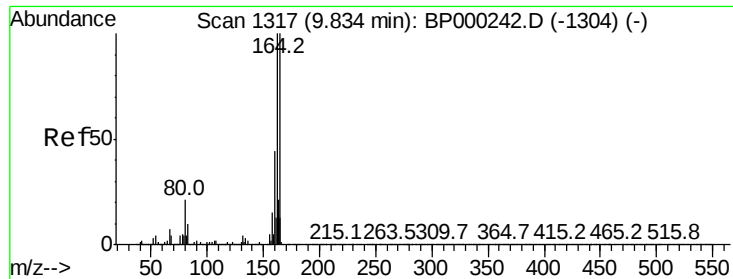


#25
 Isophorone
 Concen: 45.477 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.26 min
 Lab File: BP000323.D
 Acq: 19 Sep 2019 12:29

Tgt Ion: 82 Resp: 1314814

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: BP000323.D

Acq: 19 Sep 2019 12:29

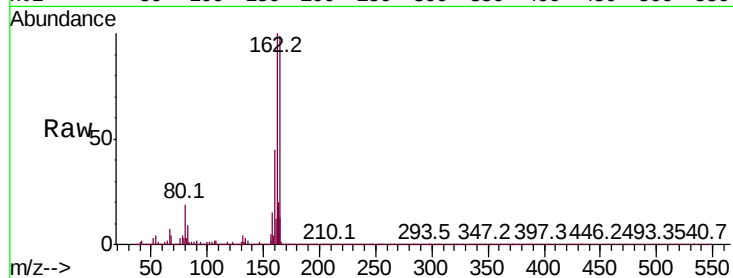
Tot Ion:164 Resp: 539981

Ion Ratio Lower Upper

164 100

162 101.4 79.9 119.9

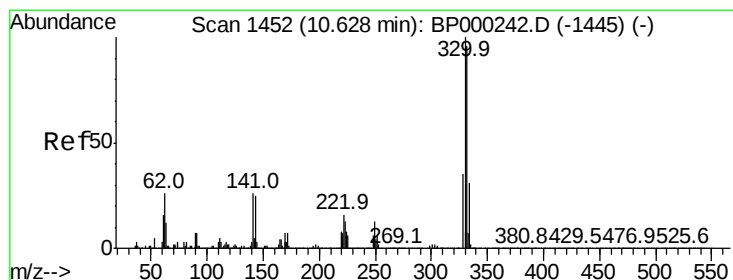
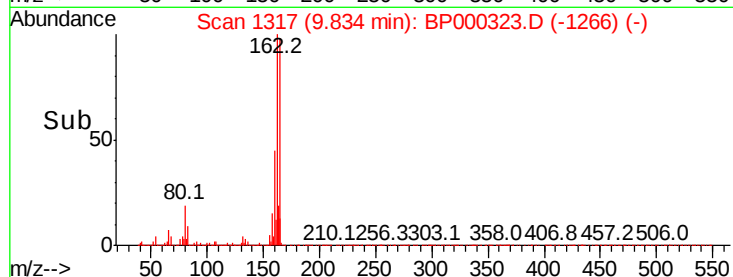
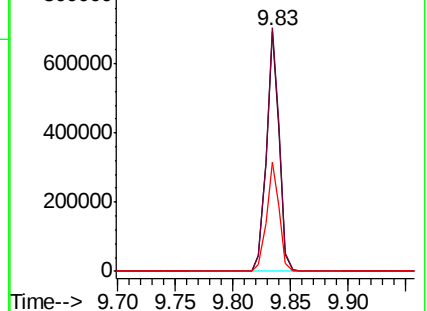
160 45.2 35.6 53.4



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: 0.136 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BP000323.D

Acq: 19 Sep 2019 12:29

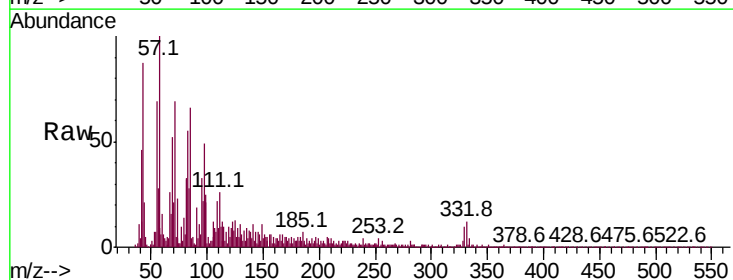
Tgt Ion:330 Resp: 729

Ion Ratio Lower Upper

330 100

332 123.5 76.6 115.0#

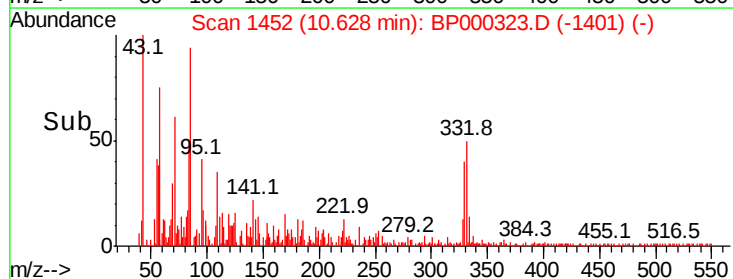
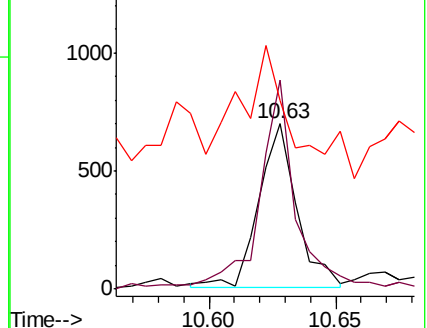
141 112.3 26.5 39.7#

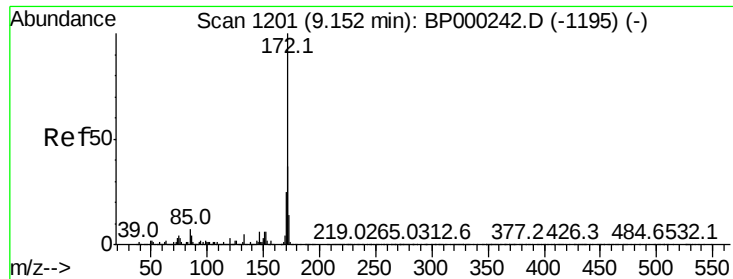


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

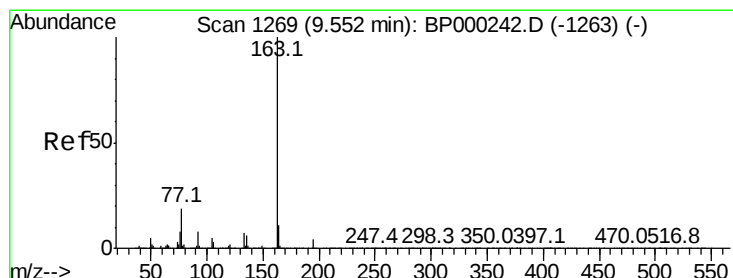
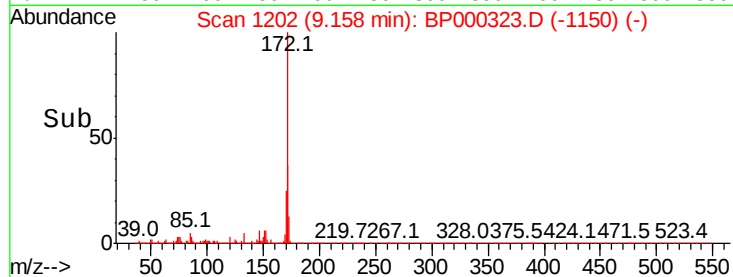
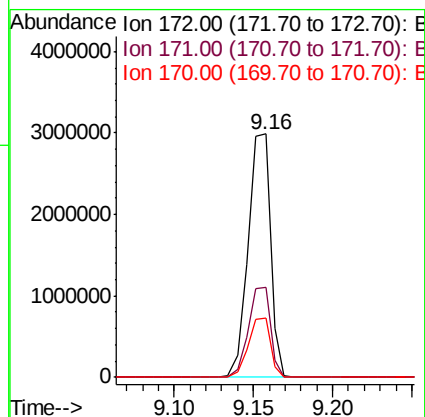
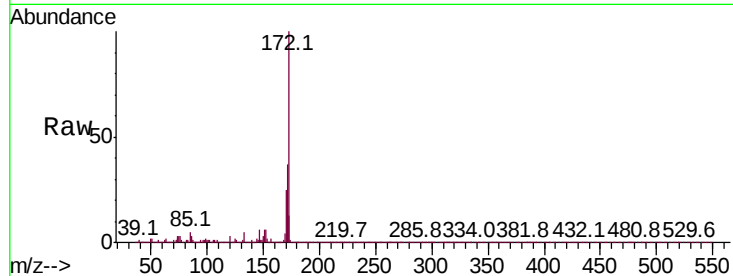




#45
2-Fluorobiphenyl
Concen: 97.431 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BP000323.D
Acq: 19 Sep 2019 12:29

Tot Ion:172 Resp: 2923133

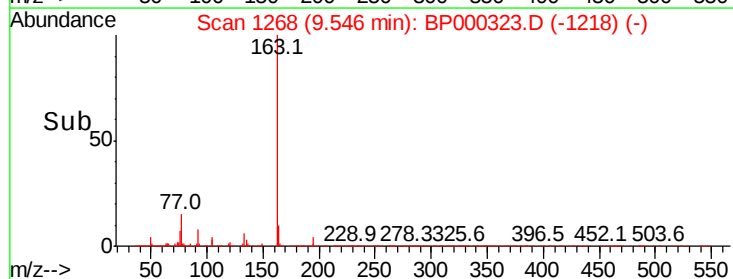
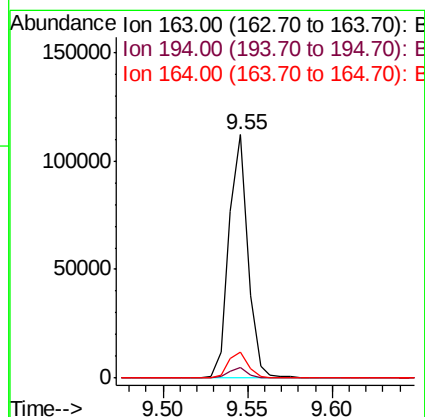
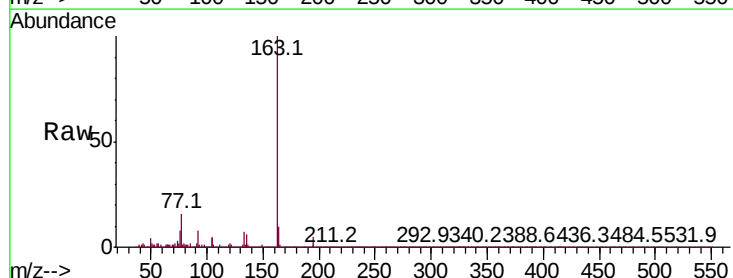
Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.8	44.6
170	24.6	19.8	29.6

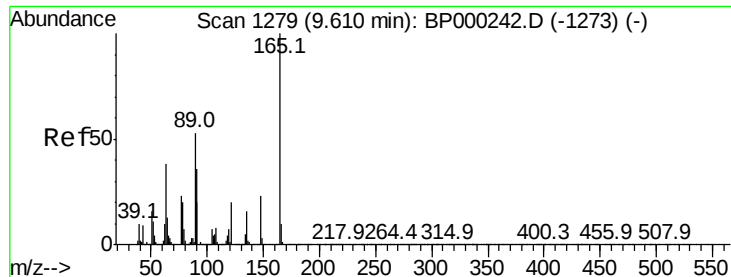


#50
Dimethylphthalate
Concen: 2.377 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000323.D
Acq: 19 Sep 2019 12:29

Tgt Ion:163 Resp: 87439

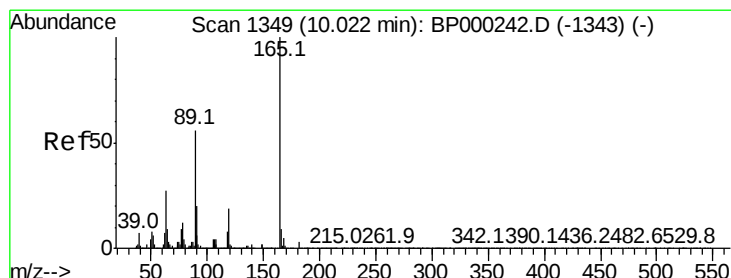
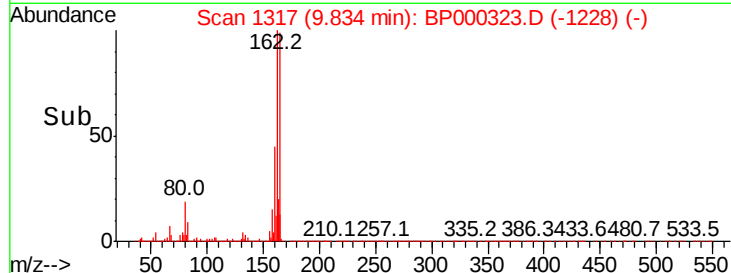
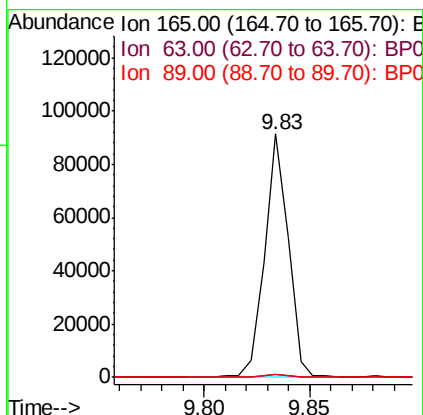
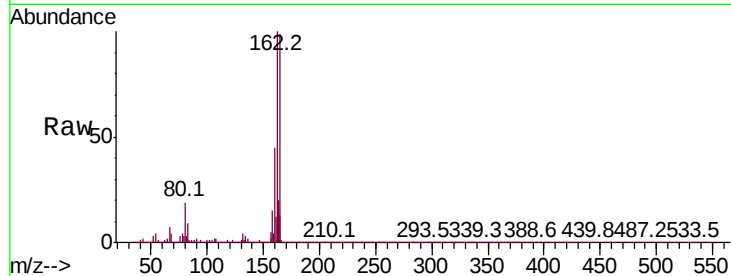
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	10.5	8.5	12.7





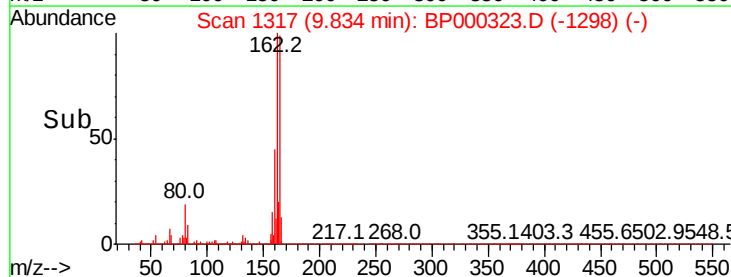
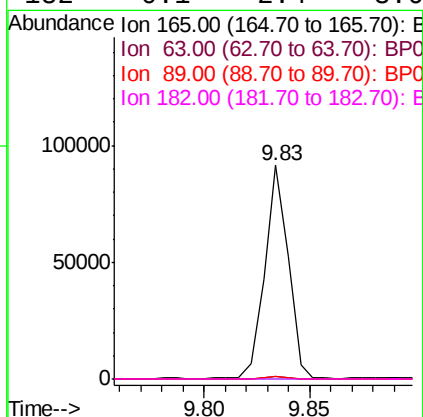
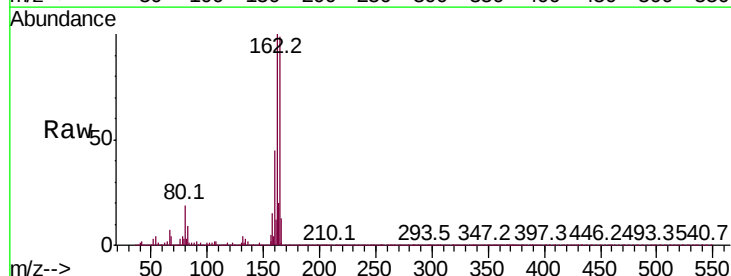
#51
2,6-Dinitrotoluene
Concen: 8.689 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.22 min
Lab File: BP000323.D
Acq: 19 Sep 2019 12:29

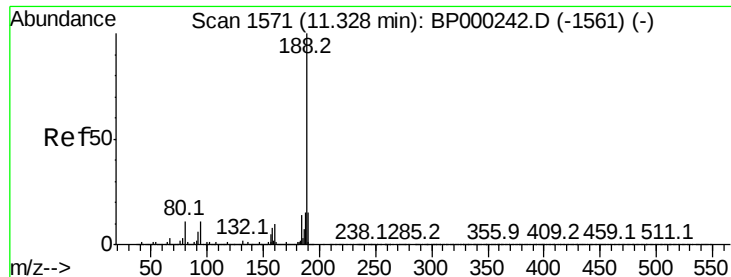
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	35.8	53.8#
89	1.1	42.6	63.8#



#57
2,4-Dinitrotoluene
Concen: 6.647 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BP000323.D
Acq: 19 Sep 2019 12:29

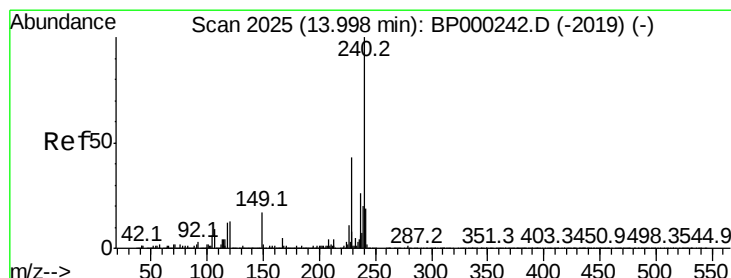
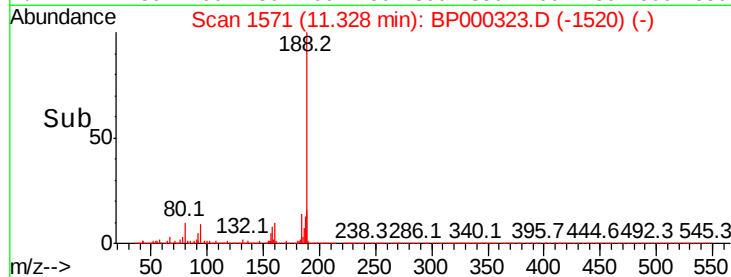
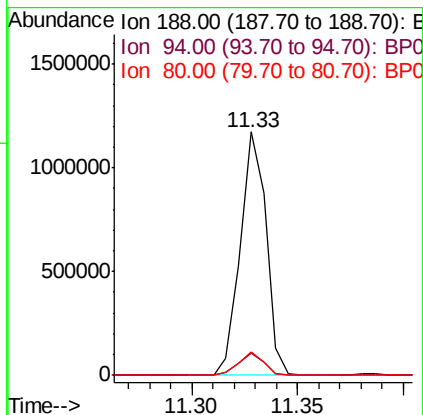
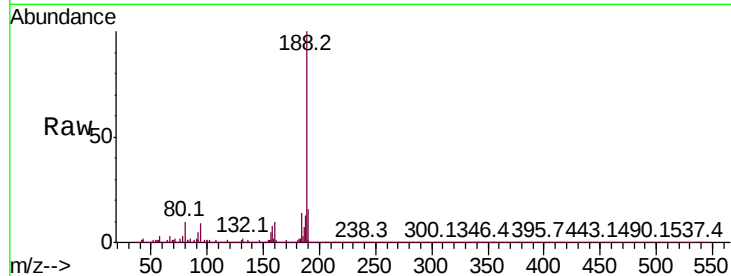
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	21.7	32.5#
89	1.1	45.0	67.6#
182	0.1	2.4	3.6#





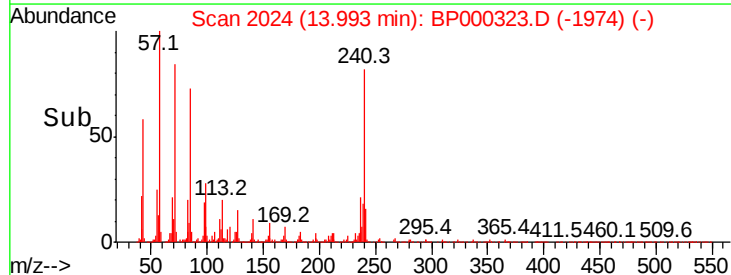
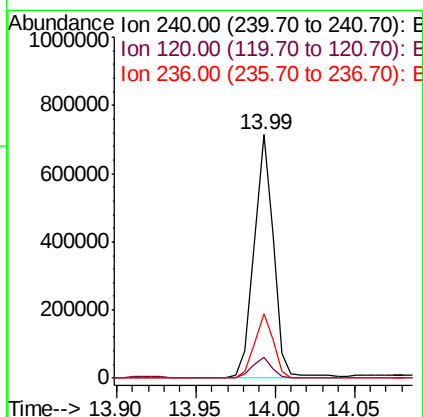
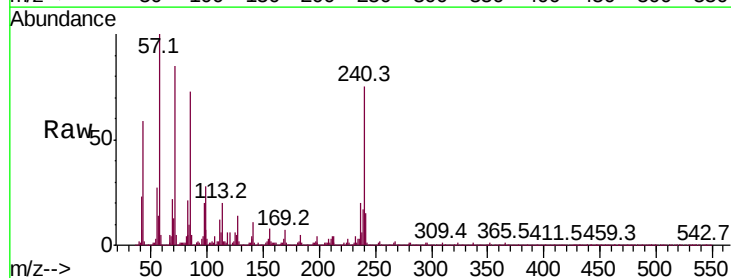
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BP000323.D
Acq: 19 Sep 2019 12:29

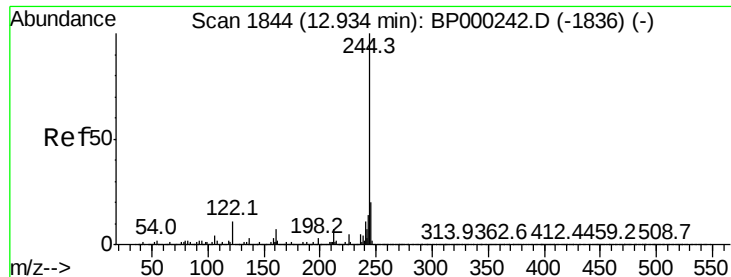
Tot Ion:	188	Resp:	990687
Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.6	8.6	13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000323.D
Acq: 19 Sep 2019 12:29

Tgt Ion:	240	Resp:	606576
Ion	Ratio	Lower	Upper
240	100		
120	8.4	10.4	15.6#
236	26.2	21.0	31.6





#79

Terphenyl-d14

Concen: 119.418 ng

RT: 12.93 min Scan# 1844

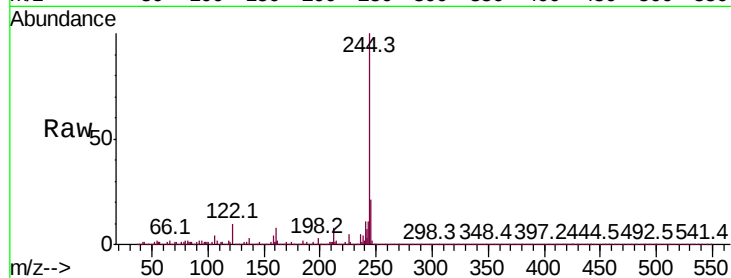
Delta R.T. 0.00 min

Lab File: BP000323.D

Acq: 19 Sep 2019 12:29

Tot Ion:244 Resp: 3452870

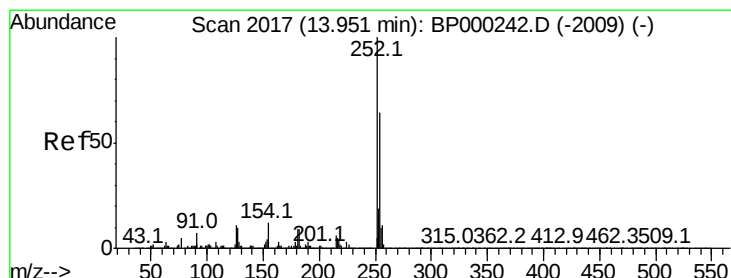
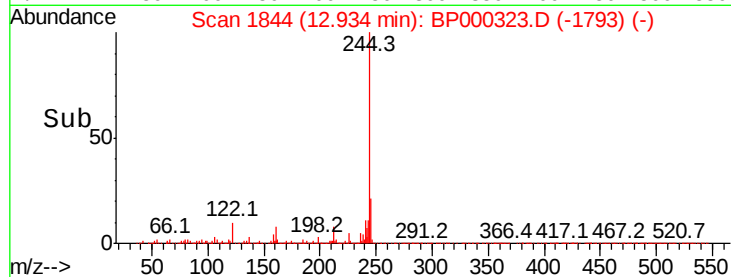
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	10.1	9.0	13.4



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



#82

3,3'-Dichlorobenzidine

Concen: 2.825 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.08 min

Lab File: BP000323.D

Acq: 19 Sep 2019 12:29

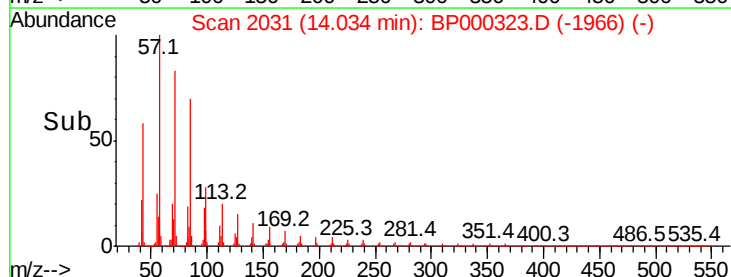
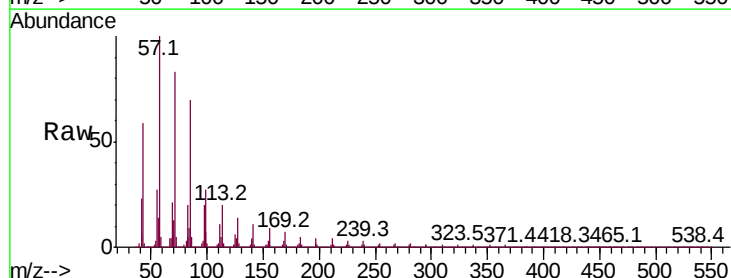
Tgt Ion:252 Resp: 43506

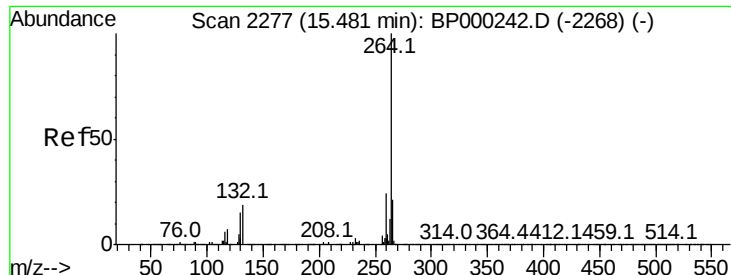
Ion	Ratio	Lower	Upper
252	100		
254	46.2	51.5	77.3#
126	481.9	8.4	12.6#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

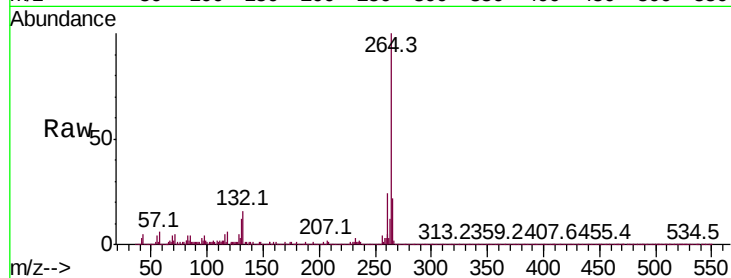
Ion 126.00 (125.70 to 126.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000323.D
Acq: 19 Sep 2019 12:29

Tot Ion:	264	Resp:	883566
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	21.6	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

