

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
 Data File : BP000330.D
 Acq On : 19 Sep 2019 15:17
 Operator : HP/JU
 Sample : K4962-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 20 02:06:29 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	230435	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	822277	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	461656	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	841912	20.00	ng	0.00
76) Chrysene-d12	13.99	240	680491	20.00	ng	0.00
87) Perylene-d12	15.47	264	792228	20.00	ng	0.00

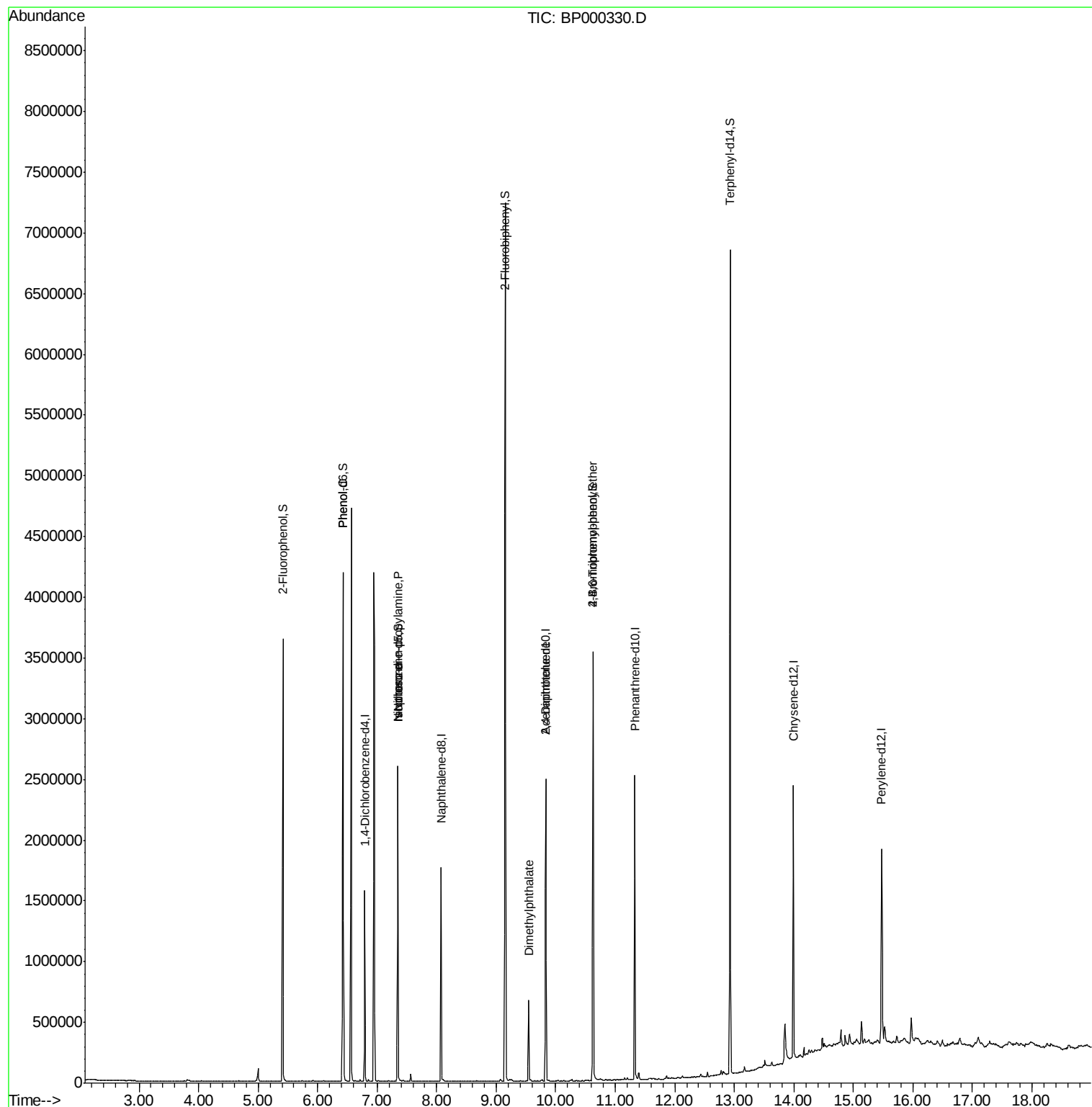
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1238163	92.76	ng	0.01
7) Phenol-d6	6.43	99	1604587	98.07	ng	0.00
23) Nitrobenzene-d5	7.35	82	876479	68.77	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	464580	101.46	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2081798	81.16	ng	0.00
79) Terphenyl-d14	12.93	244	2406188	74.18	ng	0.00

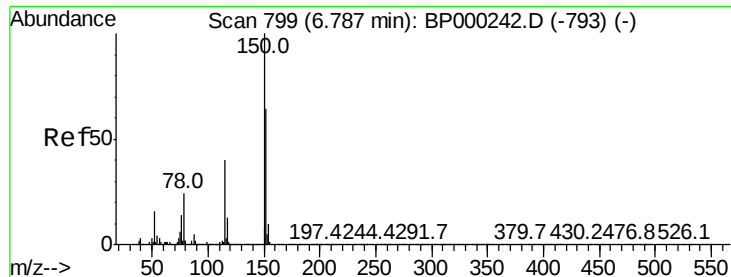
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	3341	Below Cal	#	1
10) Phenol	6.43	94	103179	5.550	ng	85
19) n-Nitroso-di-n-propylamine	7.35	70	108039	12.489	ng	76
25) Isophorone	7.35	82	875432	34.690	ng	63
50) Dimethylphthalate	9.55	163	276595	8.794	ng	99
57) 2,4-Dinitrotoluene	9.83	165	59996	6.636	ng	35
67) 4-Bromophenyl-phenylether	10.63	248	31908	3.352	ng	1
69) Atrazine	11.03	200	91	Below Cal	#	8

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

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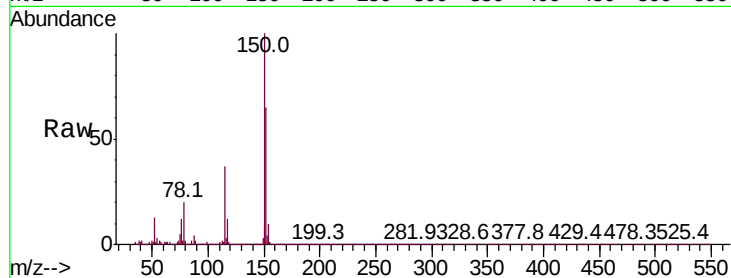




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000330.D
Acq: 19 Sep 2019 15:17

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.2	187.8
115	56.5	49.7	74.5

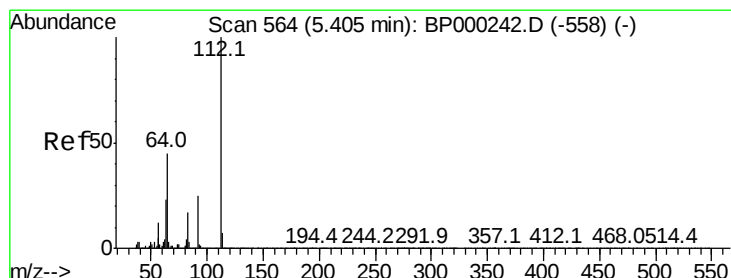
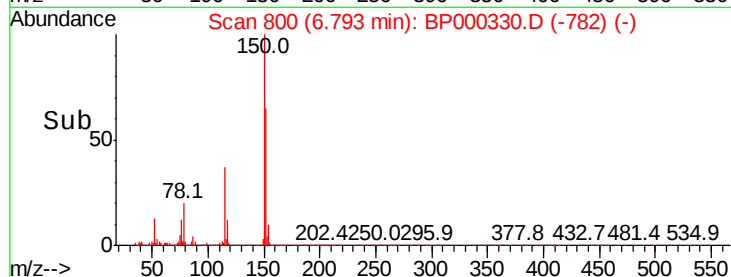
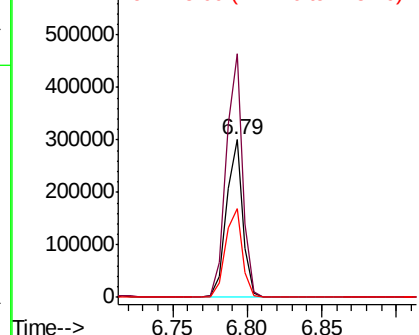


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

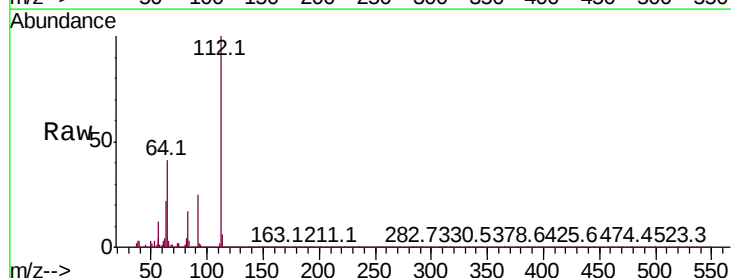
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.759 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000330.D
Acq: 19 Sep 2019 15:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.5	36.2	54.4
63	21.6	18.3	27.5

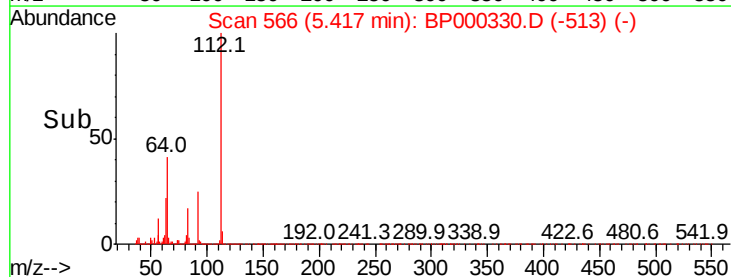
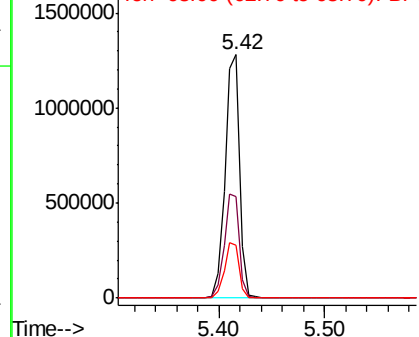


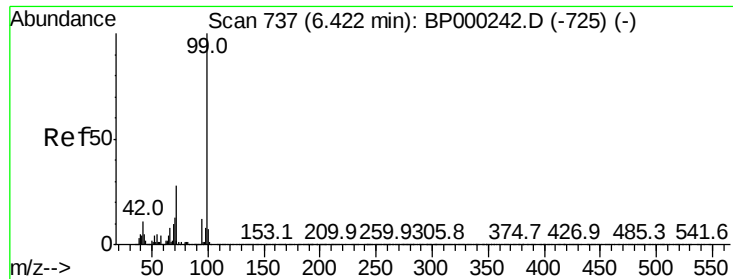
Abundance

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: 98.068 ng

RT: 6.43 min Scan# 738

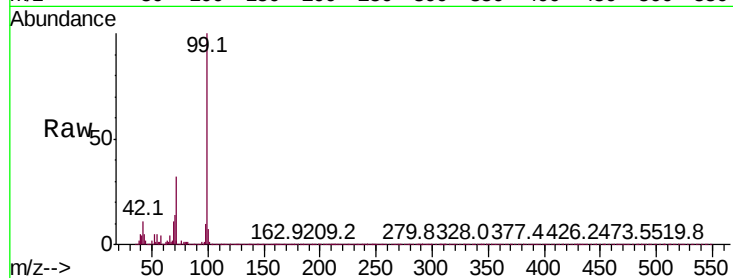
Delta R.T. 0.01 min

Lab File: BP000330.D

Acq: 19 Sep 2019 15:17

Tot Ion: 99 Resp: 1604587

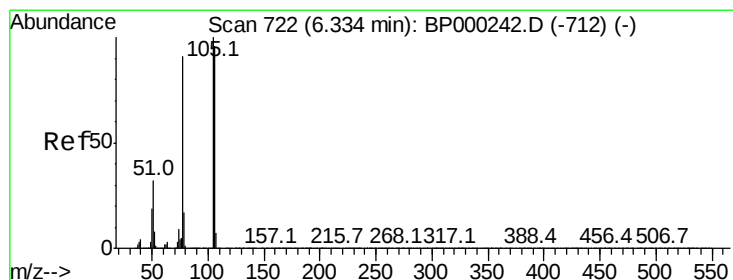
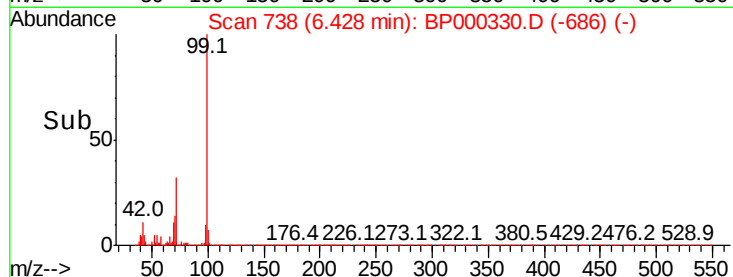
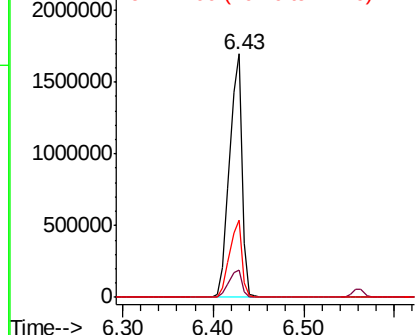
Ion	Ratio	Lower	Upper
99	100		
42	11.3	8.5	12.7
71	31.7	22.6	34.0



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

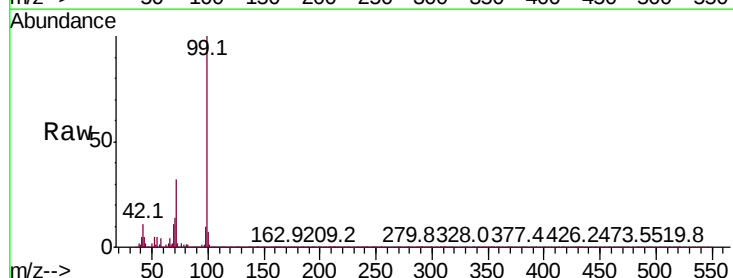
Delta R.T. 0.09 min

Lab File: BP000330.D

Acq: 19 Sep 2019 15:17

Tgt Ion: 77 Resp: 3341

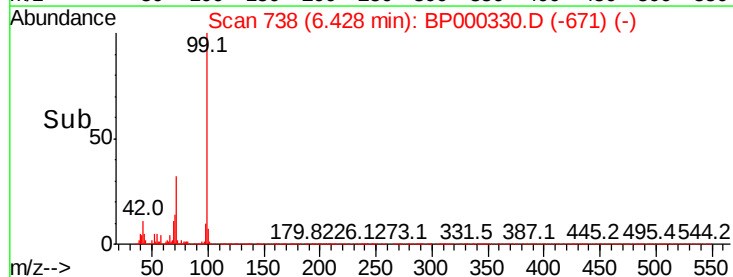
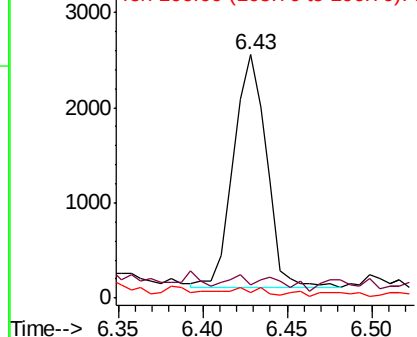
Ion	Ratio	Lower	Upper
77	100		
105	5.4	89.6	129.6#
106	2.4	84.6	124.6#

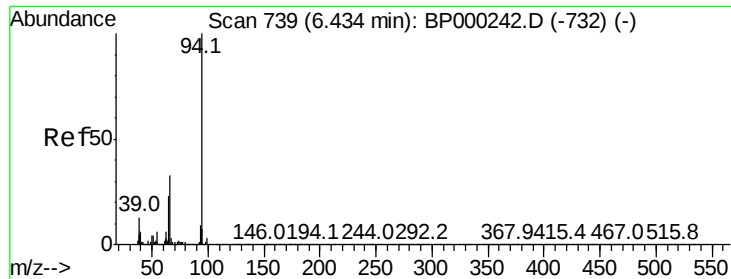


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 5.550 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BP000330.D

Acq: 19 Sep 2019 15:17

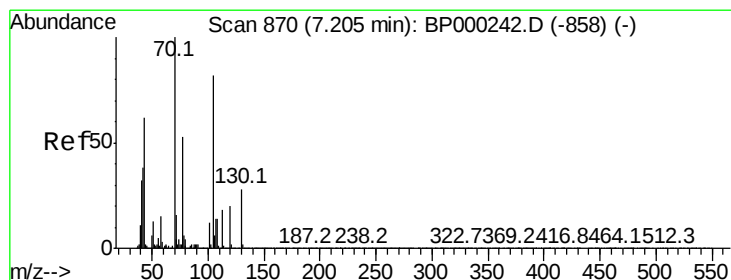
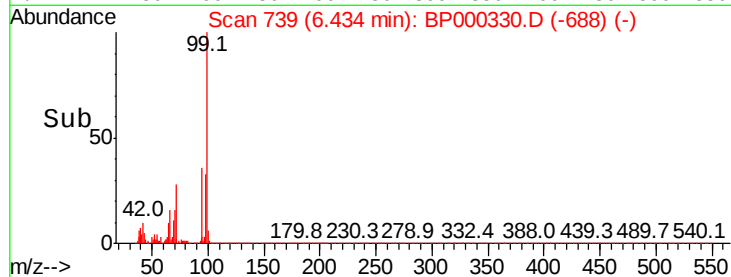
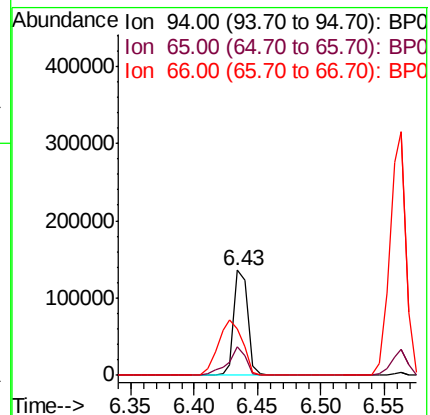
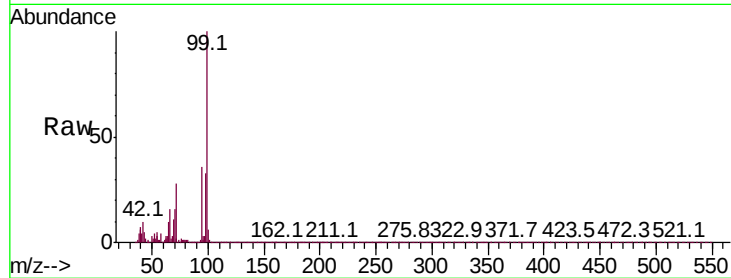
Tot Ion: 94 Resp: 103179

Ion Ratio Lower Upper

94 100

65 26.6 3.3 43.3

66 44.3 12.7 52.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.489 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BP000330.D

Acq: 19 Sep 2019 15:17

Tgt Ion: 70 Resp: 108039

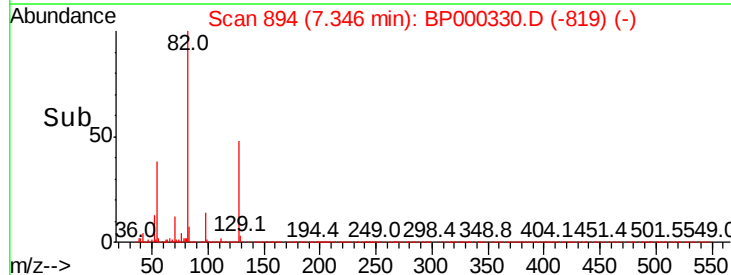
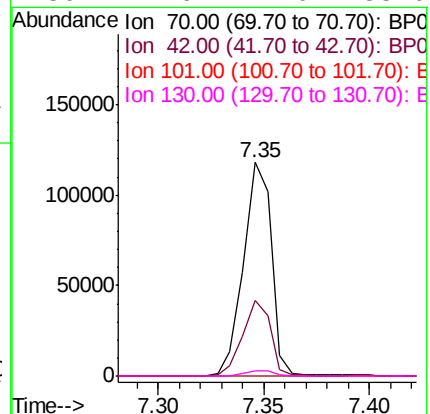
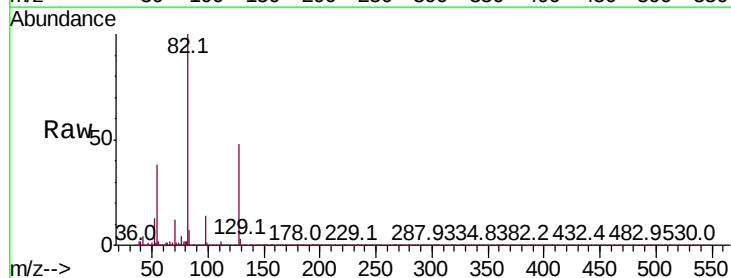
Ion Ratio Lower Upper

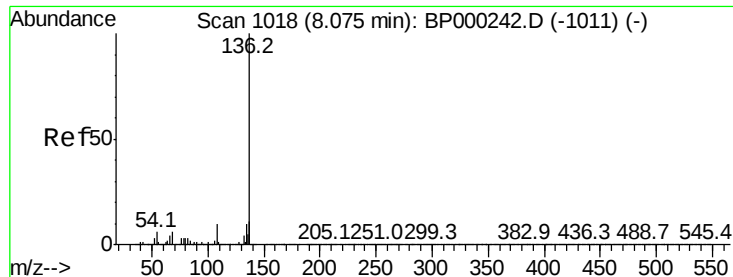
70 100

42 35.2 30.7 46.1

101 0.0 9.6 14.4#

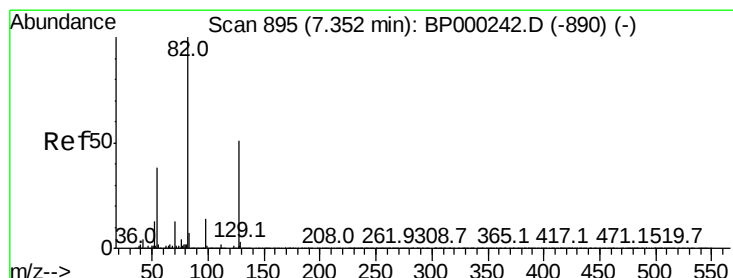
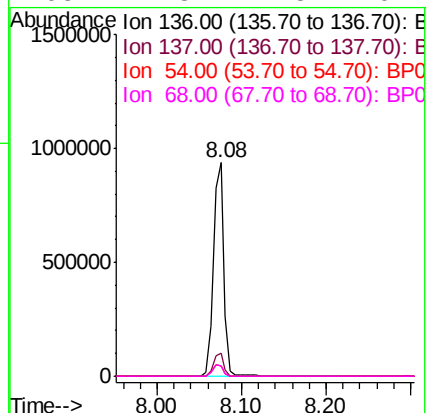
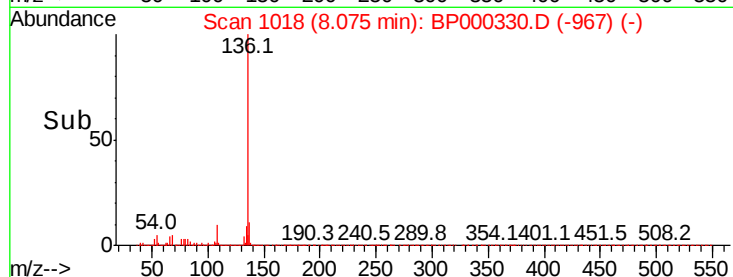
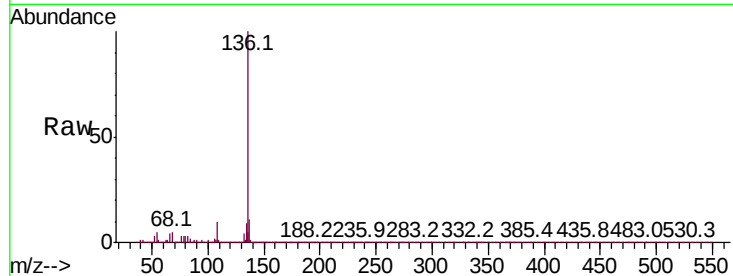
130 2.6 22.0 33.0#





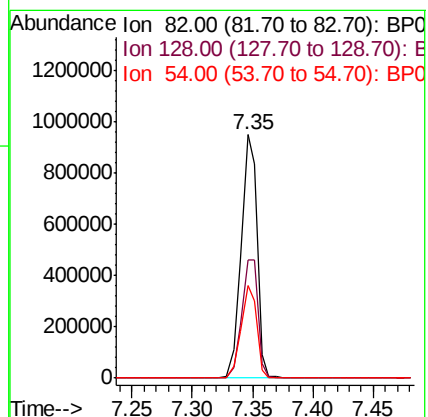
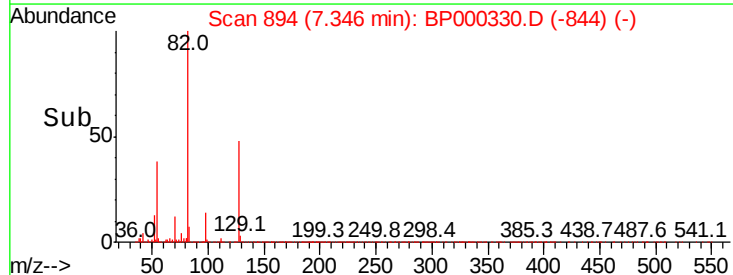
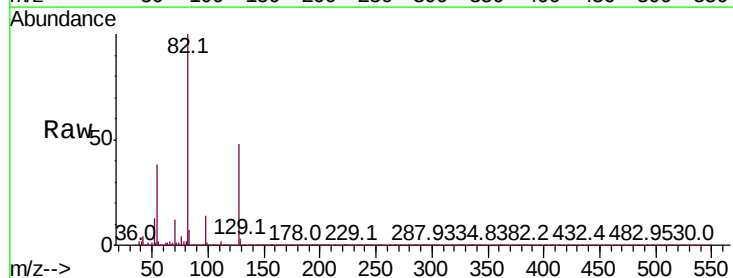
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BP000330.D
Acq: 19 Sep 2019 15:17

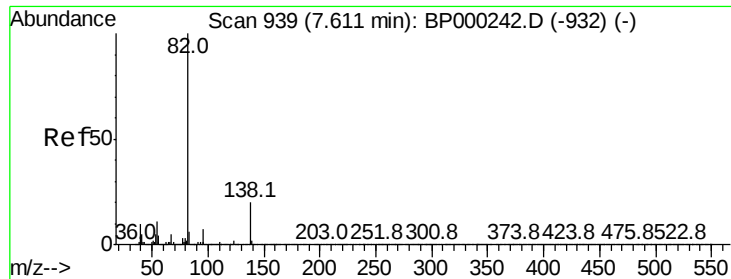
Tot Ion:136	Resp:	822277
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.6	13.0
54 5.0	4.5	6.7
68 4.8	4.5	6.7



#23
Nitrobenzene-d5
Concen: 68.772 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000330.D
Acq: 19 Sep 2019 15:17

Tgt	Ion: 82	Resp:	876479
Ion	Ratio	Lower	Upper
82	100		
128	48.4	40.7	61.1
54	38.2	30.1	45.1





#25

Isophorone

Concen: 34.690 ng

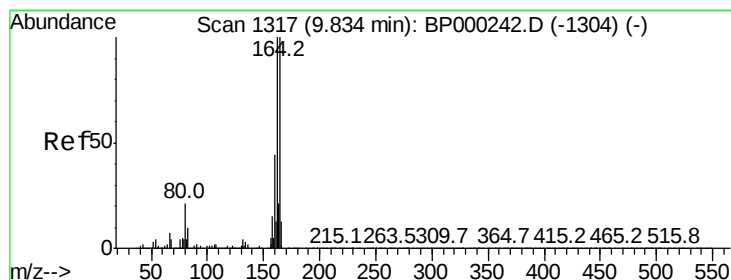
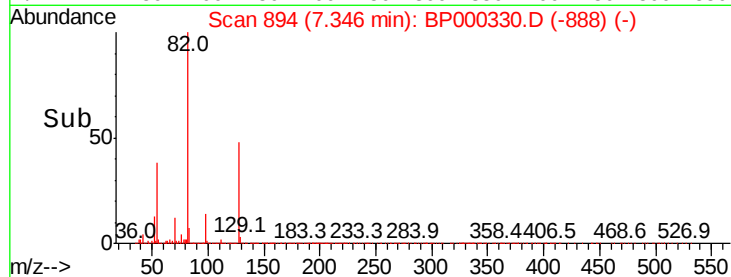
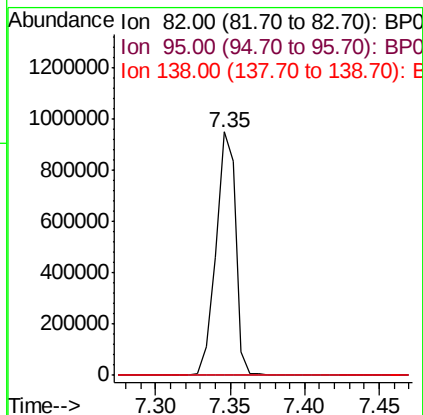
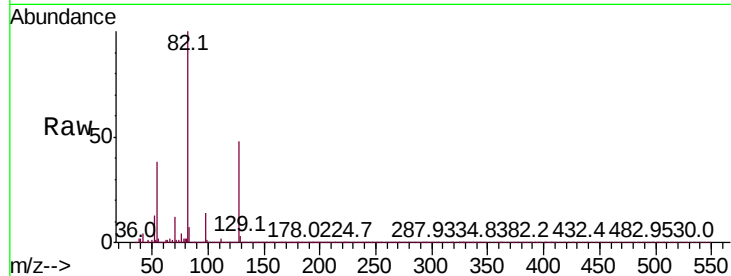
RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000330.D

Acq: 19 Sep 2019 15:17

Tot Ion:	82	Resp:	875432
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

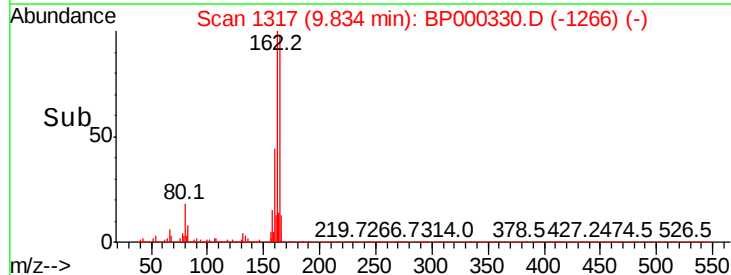
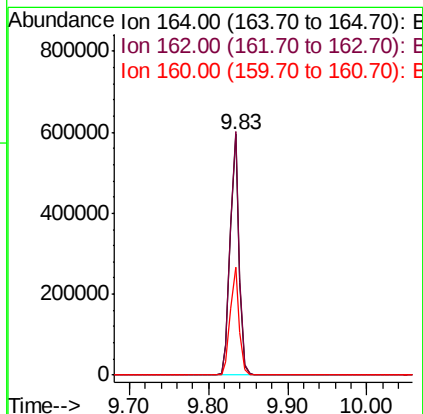
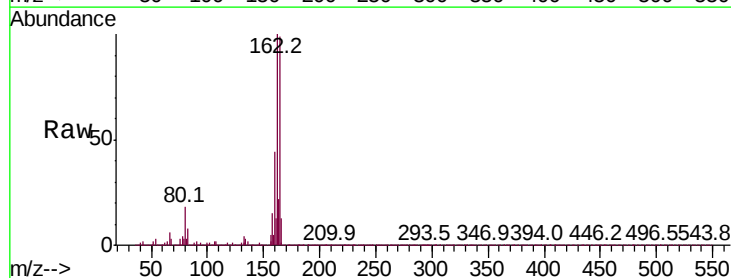
RT: 9.83 min Scan# 1317

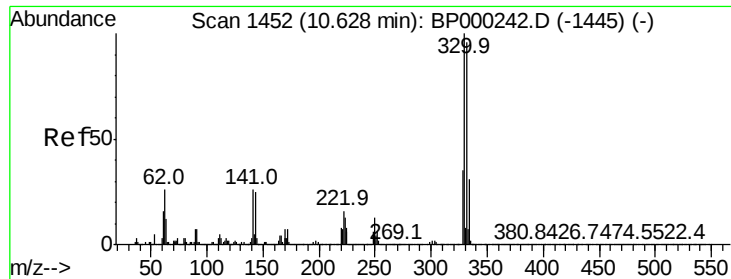
Delta R.T. 0.00 min

Lab File: BP000330.D

Acq: 19 Sep 2019 15:17

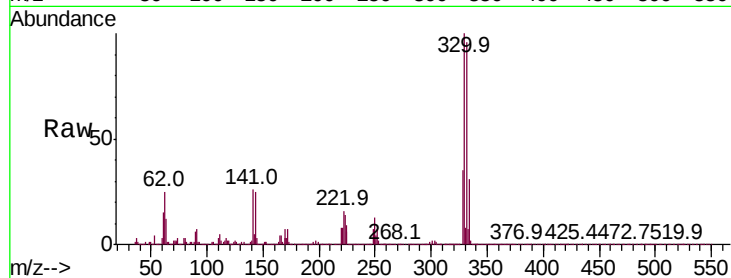
Tgt Ion:	164	Resp:	461656
Ion	Ratio	Lower	Upper
164	100		
162	101.1	79.9	119.9
160	44.8	35.6	53.4



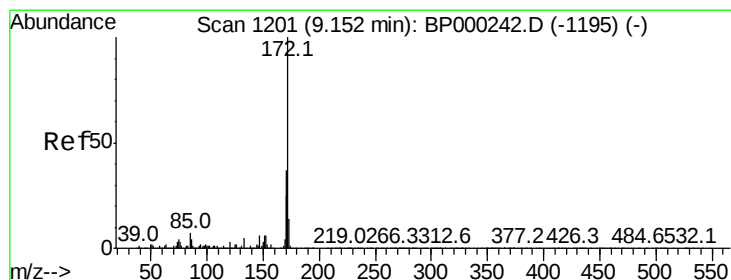
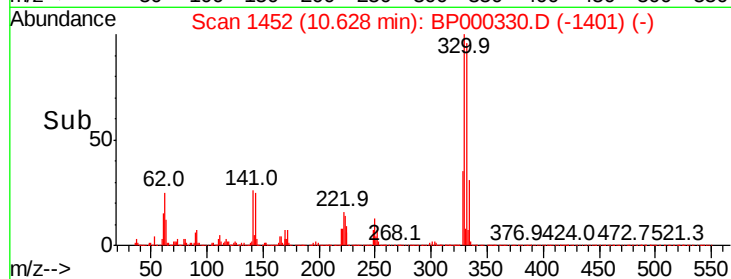
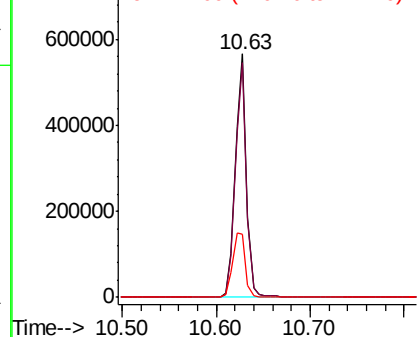


#42
2,4,6-Tribromophenol
Concen: 101.459 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BP000330.D
Acq: 19 Sep 2019 15:17

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	30.5	26.5	39.7

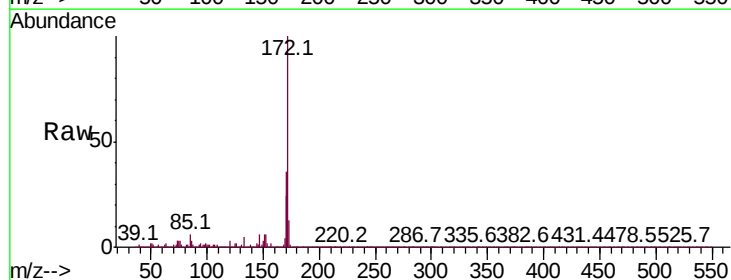


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

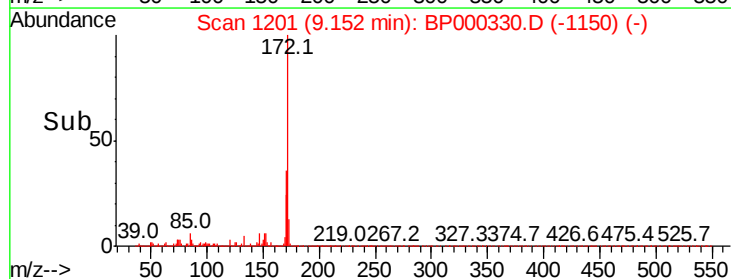
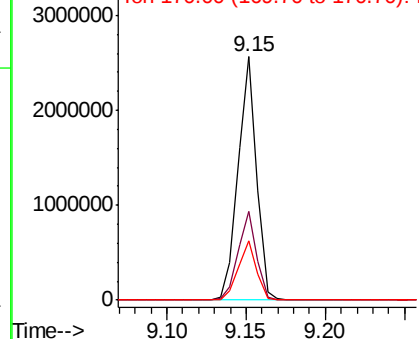


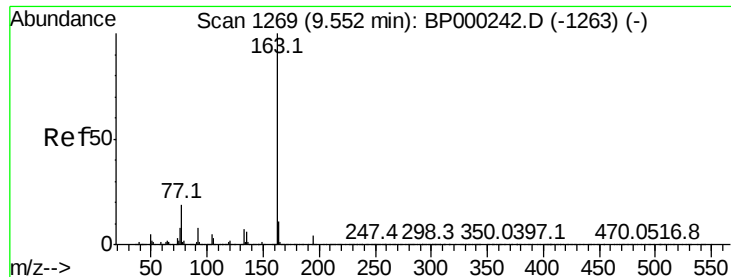
#45
2-Fluorobiphenyl
Concen: 81.161 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000330.D
Acq: 19 Sep 2019 15:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.8	44.6
170	24.3	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: 8.794 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BP000330.D

Acq: 19 Sep 2019 15:17

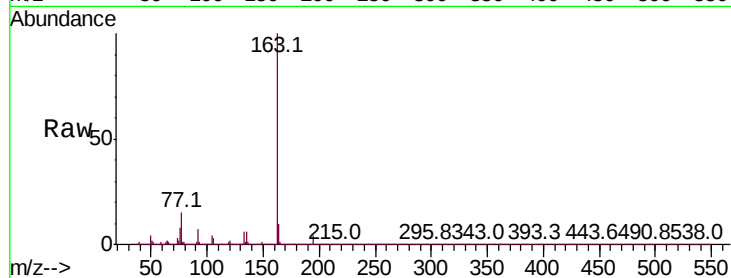
Tot Ion:163 Resp: 276595

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

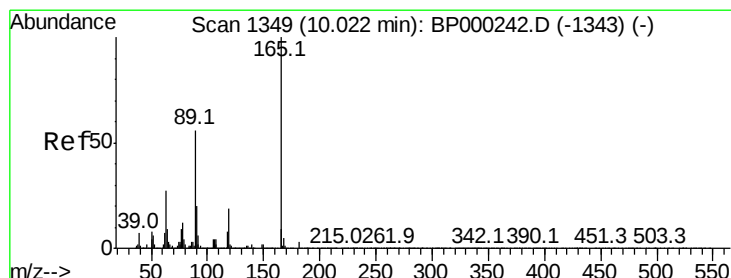
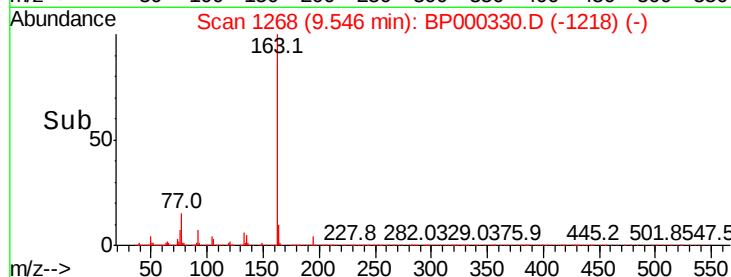
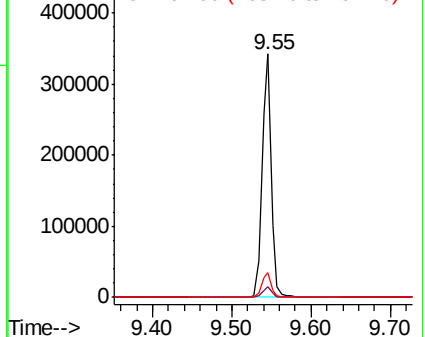
164 10.0 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 6.636 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.19 min

Lab File: BP000330.D

Acq: 19 Sep 2019 15:17

Tgt Ion:165 Resp: 59996

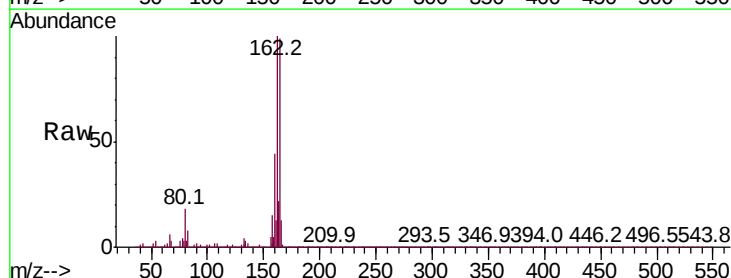
Ion Ratio Lower Upper

165 100

63 0.9 21.7 32.5#

89 1.3 45.0 67.6#

182 0.1 2.4 3.6#

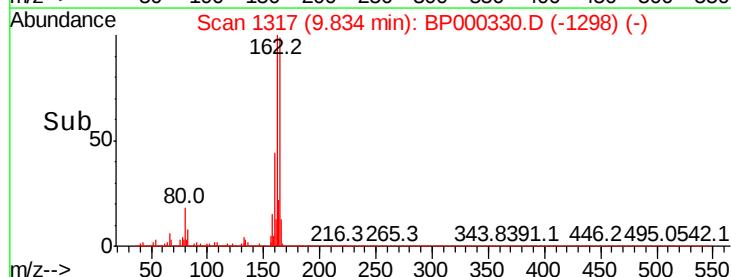
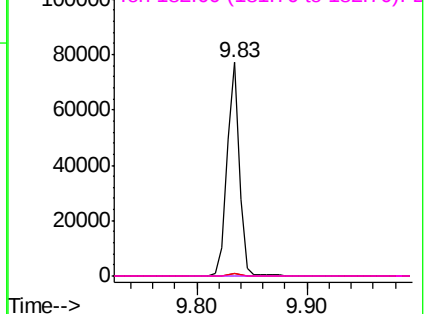


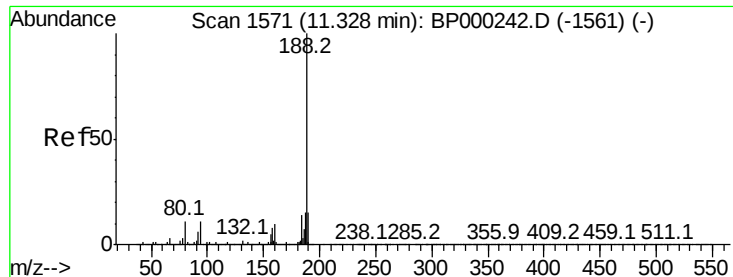
Abundance Ion 165.00 (164.70 to 165.70): E

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: BP000330.D

Acq: 19 Sep 2019 15:17

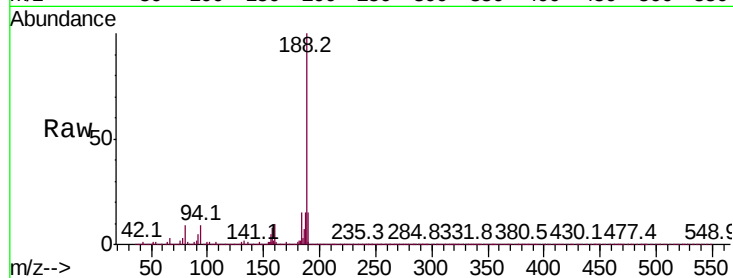
Tot Ion:188 Resp: 841912

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

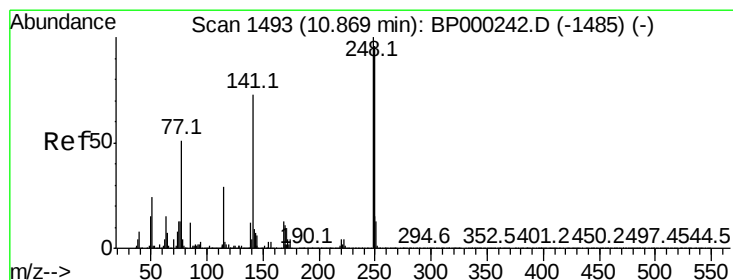
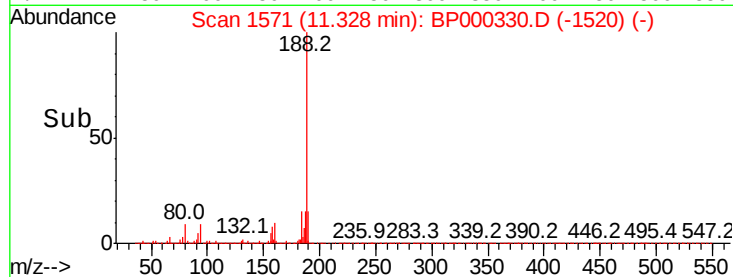
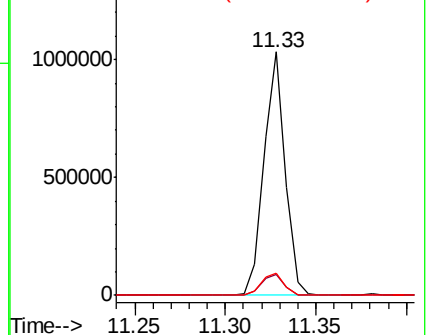
80 9.1 8.6 13.0



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: 3.352 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BP000330.D

Acq: 19 Sep 2019 15:17

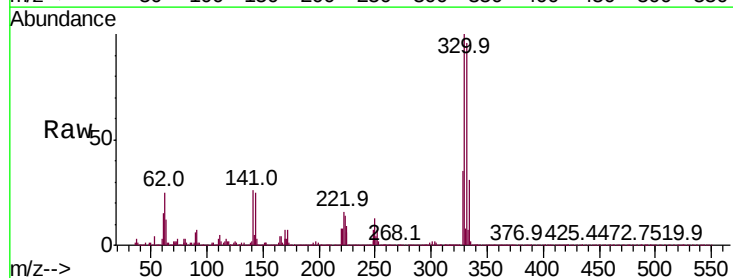
Tgt Ion:248 Resp: 31908

Ion Ratio Lower Upper

248 100

250 203.6 77.0 115.4#

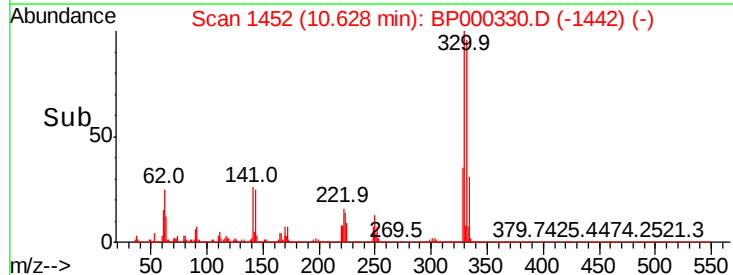
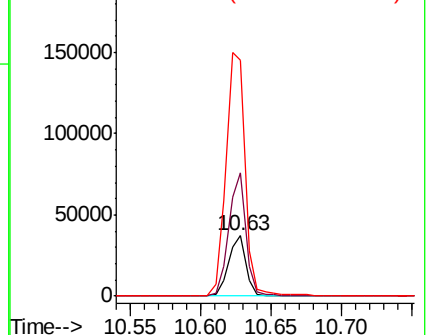
141 391.8 58.5 87.7#

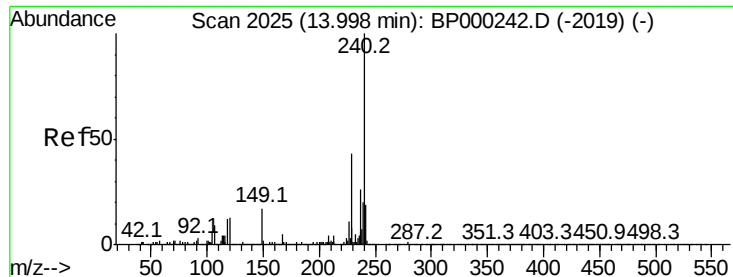


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

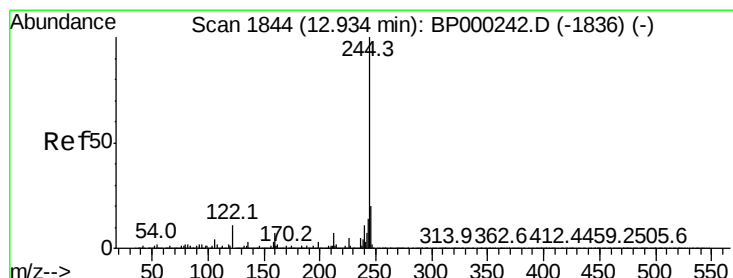
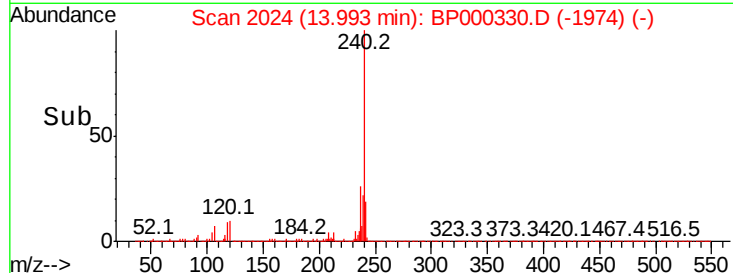
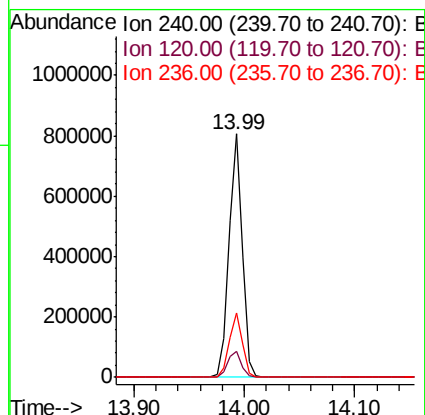
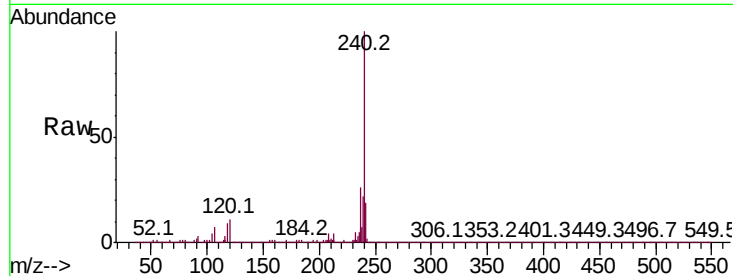
Ion 141.00 (140.70 to 141.70): E





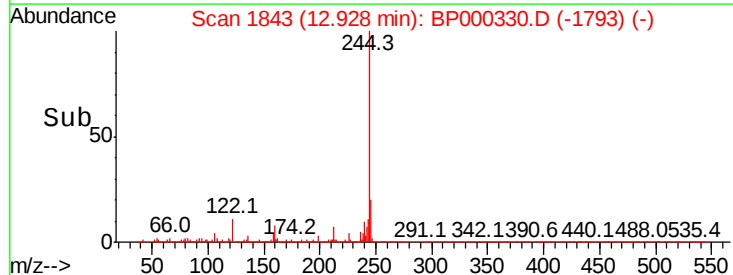
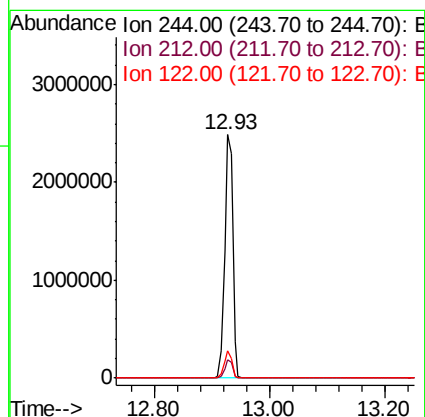
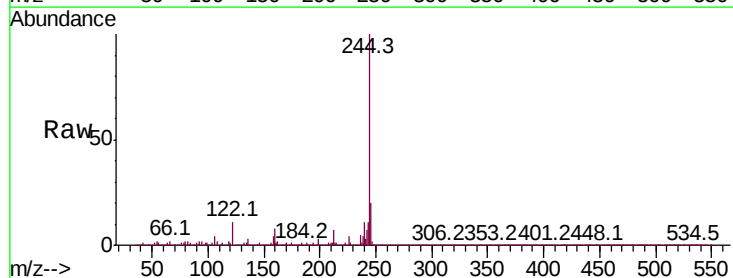
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000330.D
Acq: 19 Sep 2019 15:17

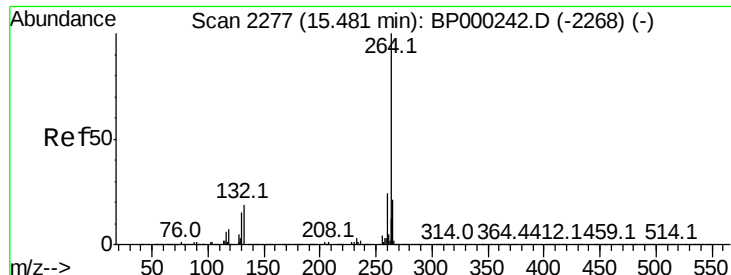
Tot Ion:240 Resp: 680491
Ion Ratio Lower Upper
240 100
120 10.5 10.4 15.6
236 26.3 21.0 31.6



#79
Terphenyl-d14
Concen: 74.179 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000330.D
Acq: 19 Sep 2019 15:17

Tgt Ion:244 Resp: 2406188
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 11.2 9.0 13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BP000330.D
 Acq: 19 Sep 2019 15:17

Tot Ion:	264	Resp:	792228
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.7	17.2	25.8

