

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
 Data File : BP000331.D
 Acq On : 19 Sep 2019 15:40
 Operator : HP/JU
 Sample : K4962-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

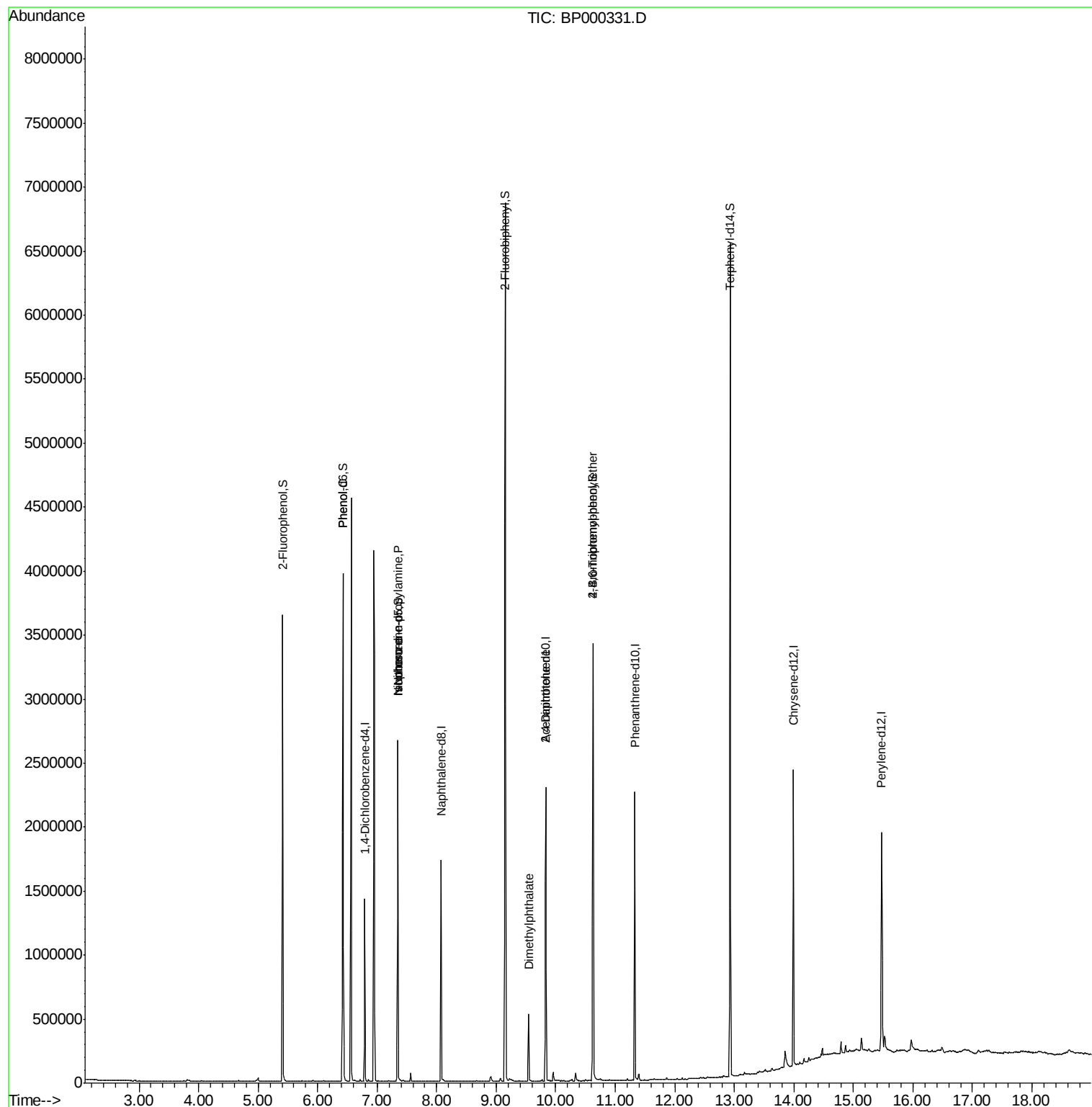
Quant Time: Sep 20 02:06:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

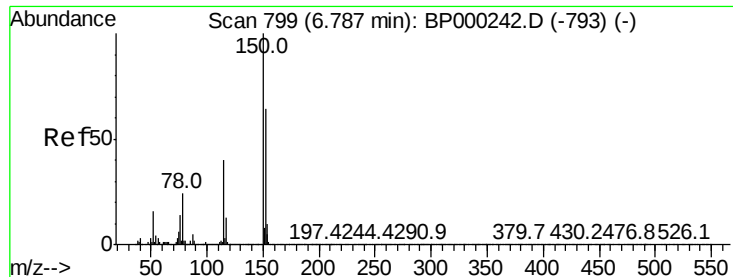
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	217422	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	792213	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	431955	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	766609	20.00	ng	0.00
76) Chrysene-d12	13.99	240	698943	20.00	ng	0.00
87) Perylene-d12	15.47	264	788427	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1233913	97.97	ng	0.01
7) Phenol-d6	6.43	99	1595460	103.35	ng	0.00
23) Nitrobenzene-d5	7.35	82	856071	69.72	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	478426	111.67	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1972994	82.21	ng	0.00
79) Terphenyl-d14	12.93	244	2351000	70.56	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	27766	Below Cal		Qvalue 85
10) Phenol	6.43	94	85422	4.870	ng	88
19) n-Nitroso-di-n-propylamine	7.35	70	106126	13.002	ng	# 76
25) Isophorone	7.35	82	855331	35.179	ng	# 63
50) Dimethylphthalate	9.55	163	226774	7.706	ng	99
57) 2,4-Dinitrotoluene	9.83	165	55724	6.587	ng	# 35
67) 4-Bromophenyl-phenylether	10.63	248	32652	3.767	ng	# 1
69) Atrazine	11.03	200	31	Below Cal		# 1

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

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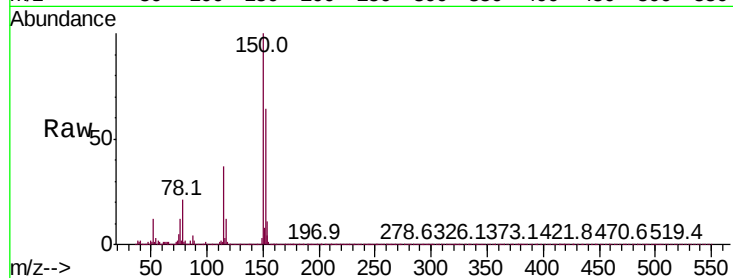




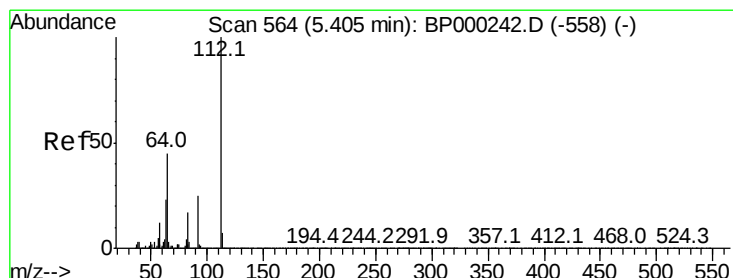
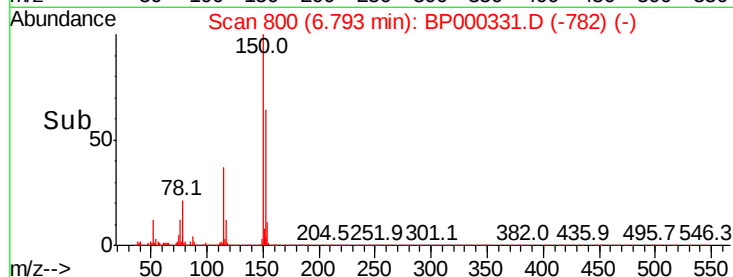
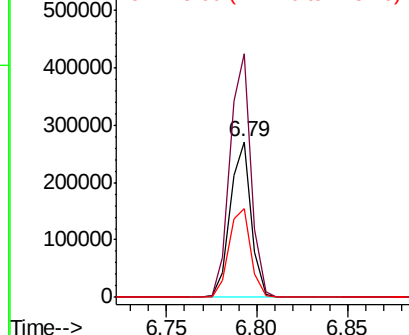
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000331.D
Acq: 19 Sep 2019 15:40

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.2	187.8
115	57.3	49.7	74.5



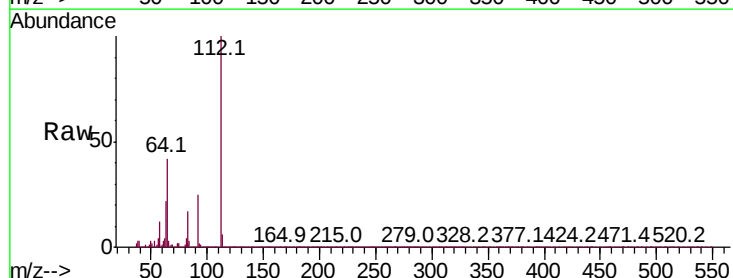
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



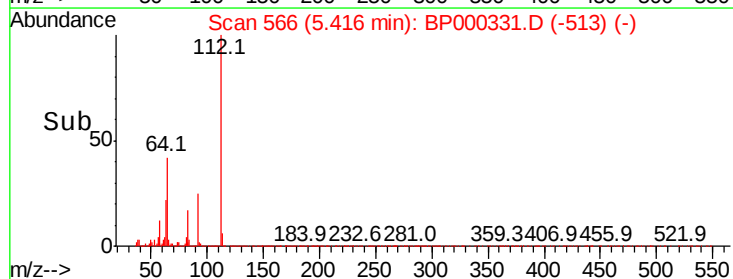
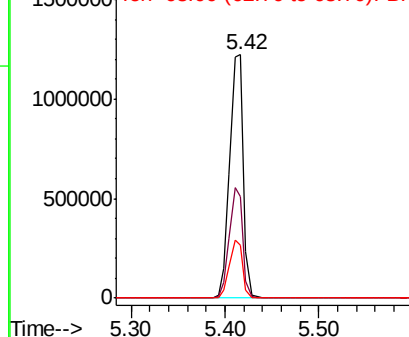
#5

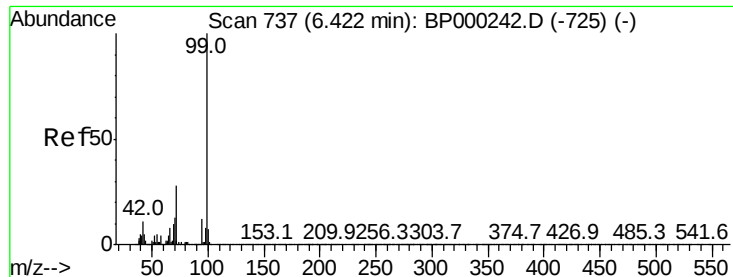
2-Fluorophenol
Concen: 97.974 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000331.D
Acq: 19 Sep 2019 15:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.6	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: 103.346 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000331.D

Acq: 19 Sep 2019 15:40

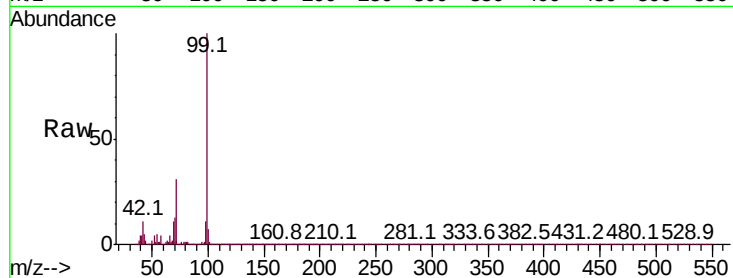
Tot Ion: 99 Resp: 1595460

Ion Ratio Lower Upper

99 100

42 10.9 8.5 12.7

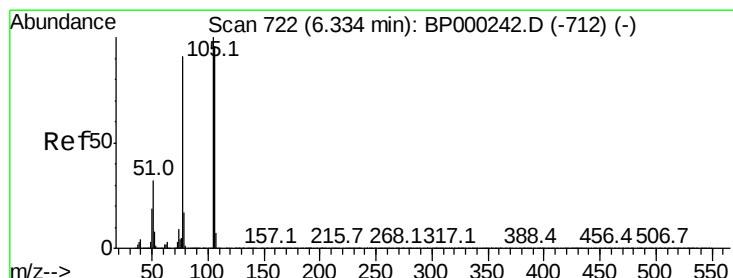
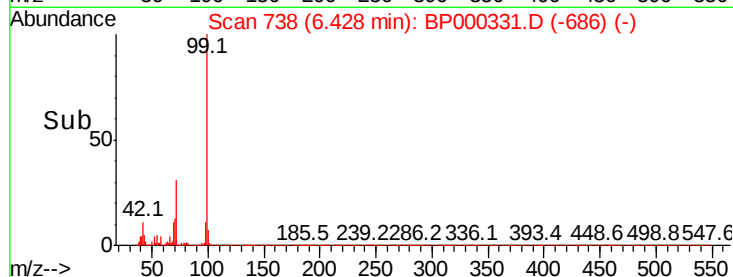
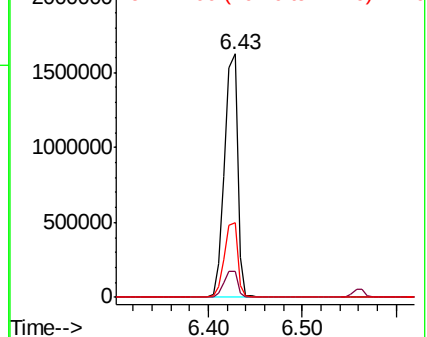
71 30.7 22.6 34.0



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: 6.56 min Scan# 761

Delta R.T. 0.23 min

Lab File: BP000331.D

Acq: 19 Sep 2019 15:40

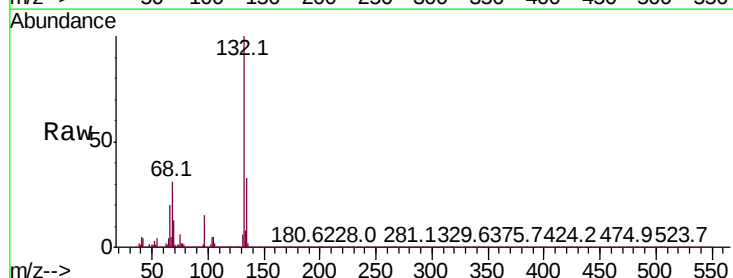
Tgt Ion: 77 Resp: 27766

Ion Ratio Lower Upper

77 100

105 96.2 89.6 129.6

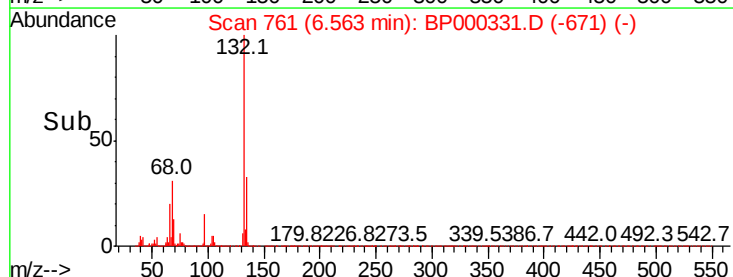
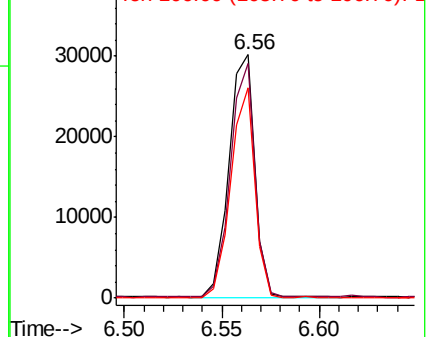
106 86.3 84.6 124.6

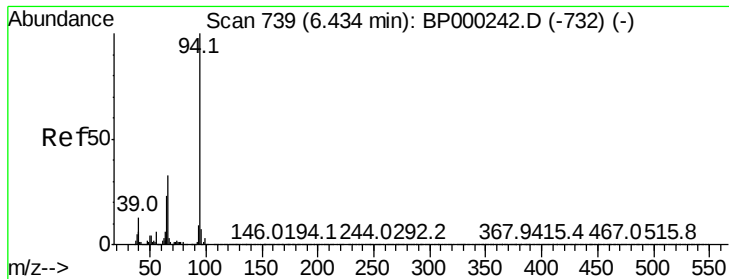


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 4.870 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BP000331.D

Acq: 19 Sep 2019 15:40

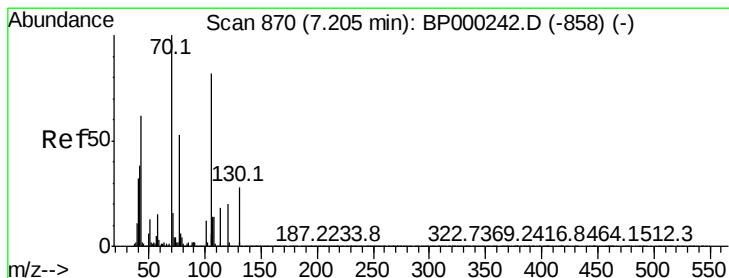
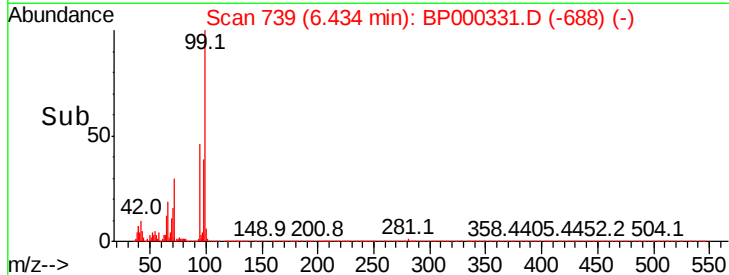
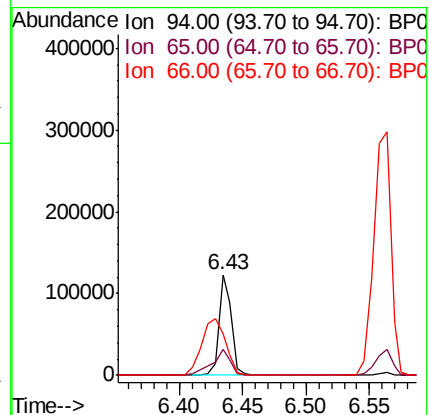
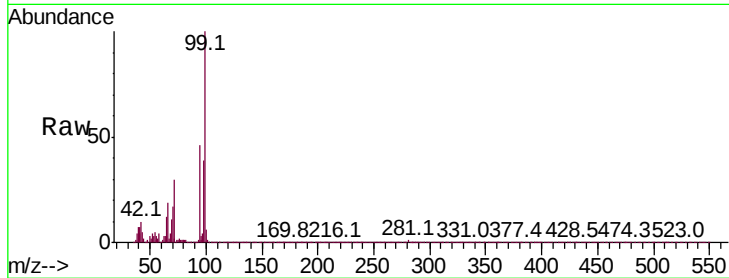
Tot Ion: 94 Resp: 85422

Ion Ratio Lower Upper

94 100

65 26.5 3.3 43.3

66 41.7 12.7 52.7



#19

n-Nitroso-di-n-propylamine

Concen: 13.002 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BP000331.D

Acq: 19 Sep 2019 15:40

Tgt Ion: 70 Resp: 106126

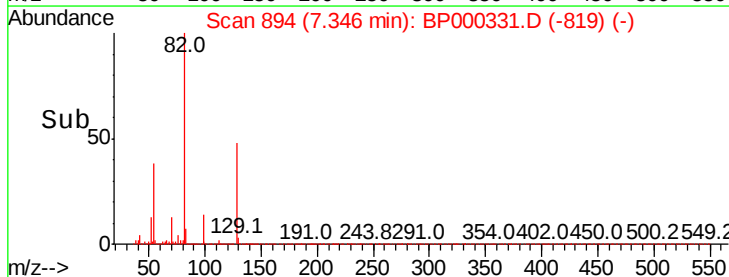
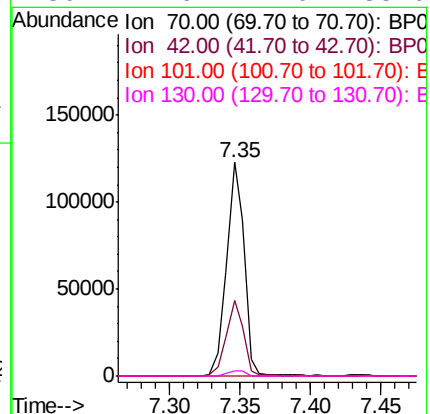
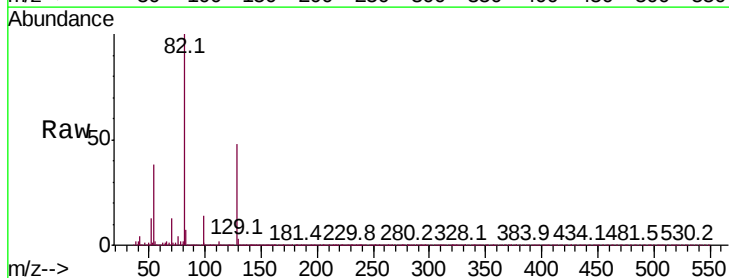
Ion Ratio Lower Upper

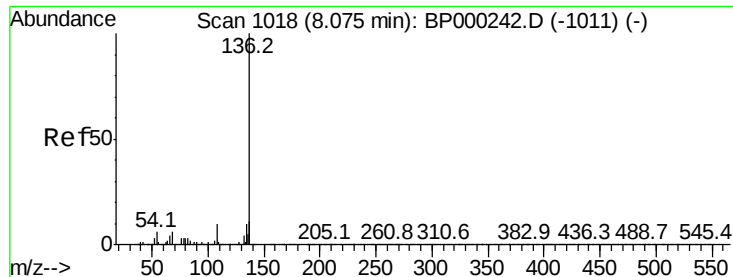
70 100

42 35.2 30.7 46.1

101 0.1 9.6 14.4#

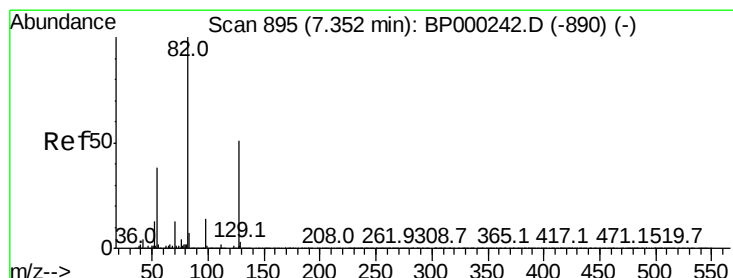
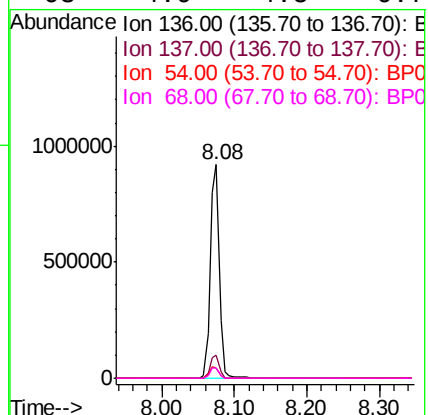
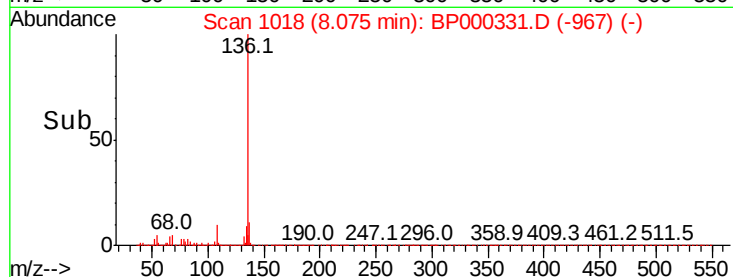
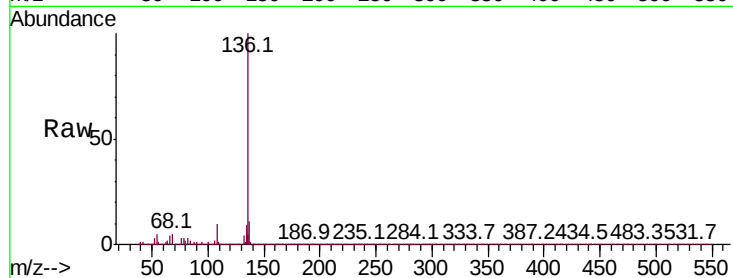
130 2.6 22.0 33.0#





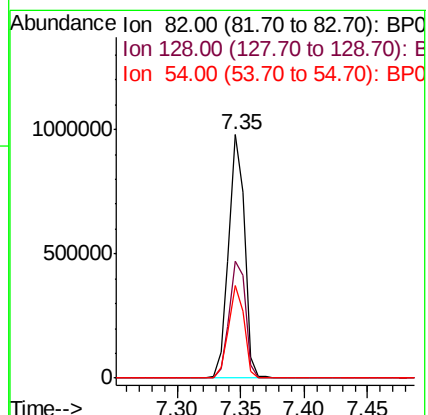
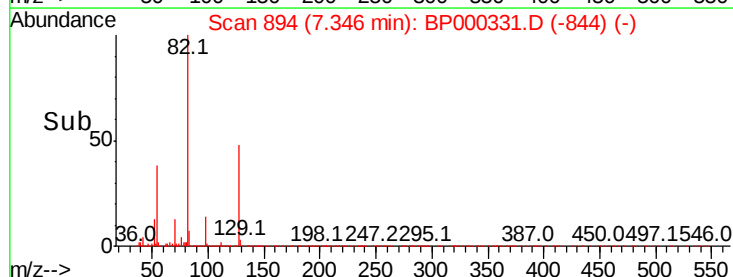
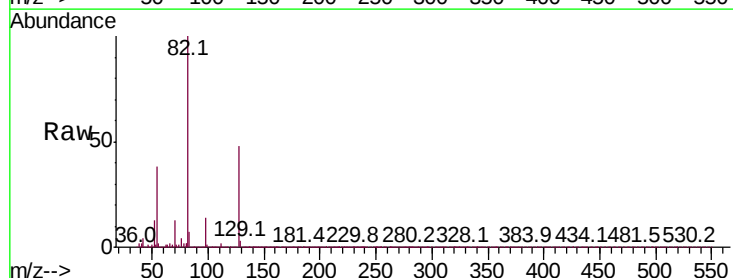
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000331.D
Acq: 19 Sep 2019 15:40

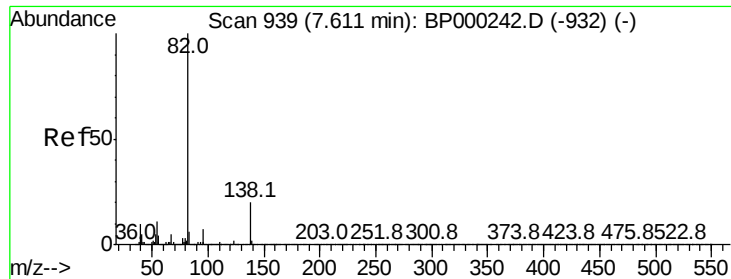
Tot Ion:136	Resp:	792213
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.6 13.0
54	5.0	4.5 6.7
68	4.9	4.5 6.7



#23
Nitrobenzene-d5
Concen: 69.720 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000331.D
Acq: 19 Sep 2019 15:40

Tgt Ion: 82	Resp:	856071
Ion	Ratio	Lower Upper
82	100	
128	47.8	40.7 61.1
54	37.8	30.1 45.1





#25

Isophorone

Concen: 35.179 ng

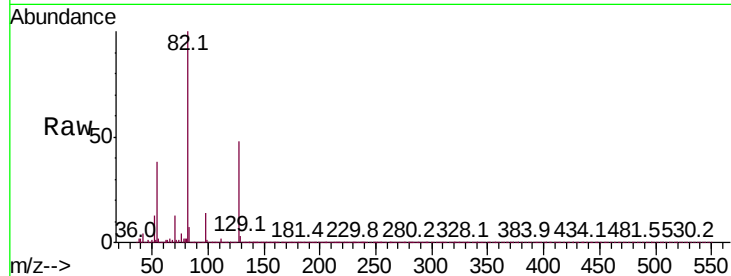
RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000331.D

Acq: 19 Sep 2019 15:40

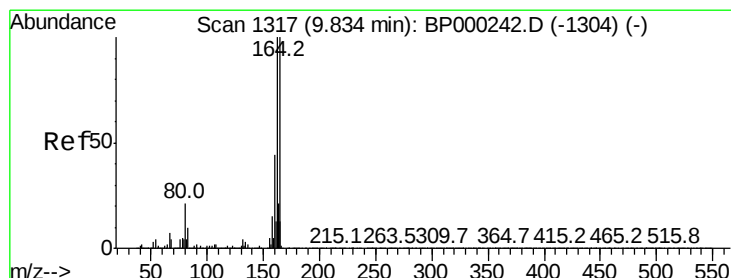
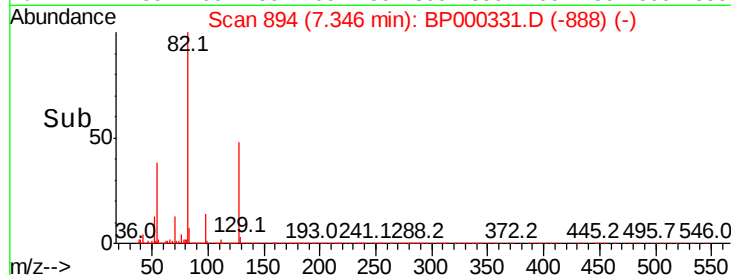
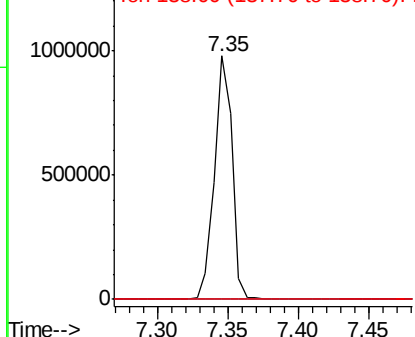
Tot Ion:	82	Resp:	855331
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.9	8.9#
138	0.0	15.9	23.9#



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): BP0



#39

Acenaphthene-d10

Concen: 20.000 ng

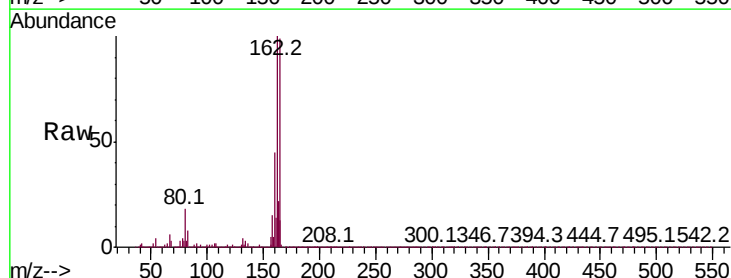
RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BP000331.D

Acq: 19 Sep 2019 15:40

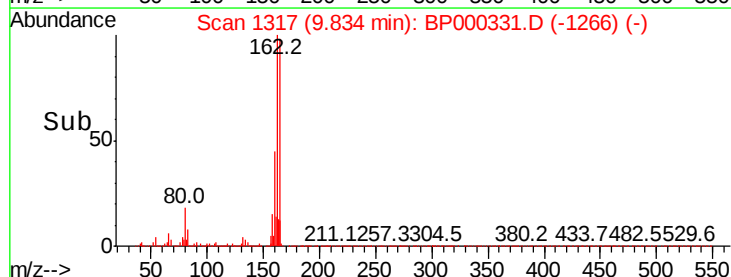
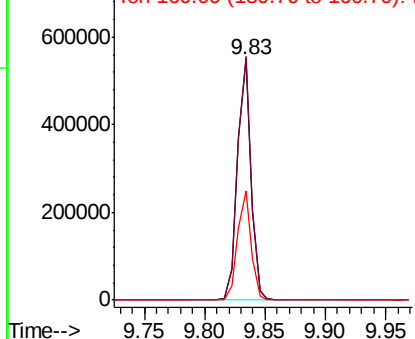
Tgt Ion:	164	Resp:	431955
Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.9	119.9
160	45.4	35.6	53.4

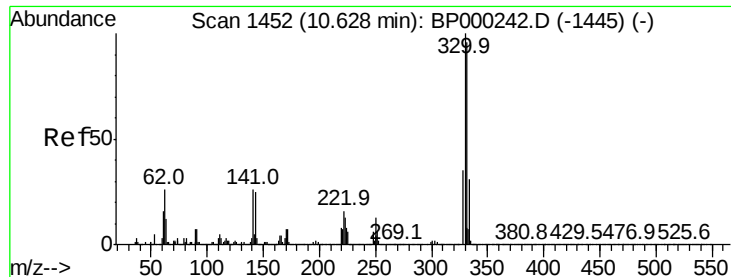


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

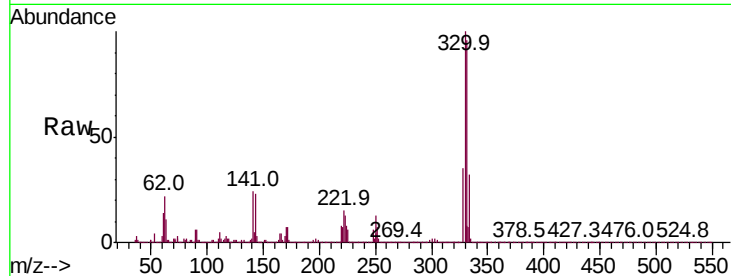
Ion 160.00 (159.70 to 160.70): E





#42
2,4,6-Tribromophenol
Concen: 111.667 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000331.D
Acq: 19 Sep 2019 15:40

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	30.4	26.5	39.7

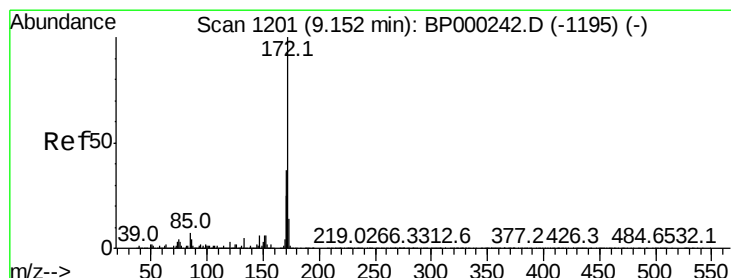
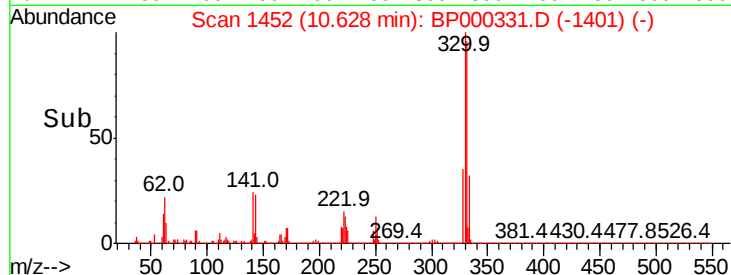
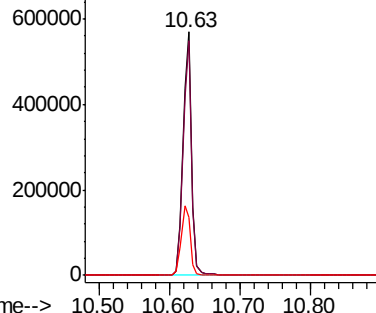


Abundance

Ion 329.80 (329.50 to 330.50): E

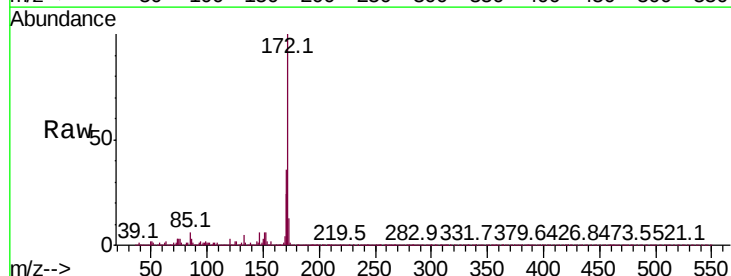
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 82.208 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000331.D
Acq: 19 Sep 2019 15:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.8	44.6
170	23.9	19.8	29.6

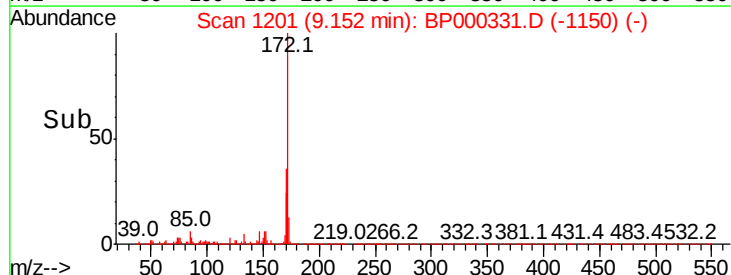
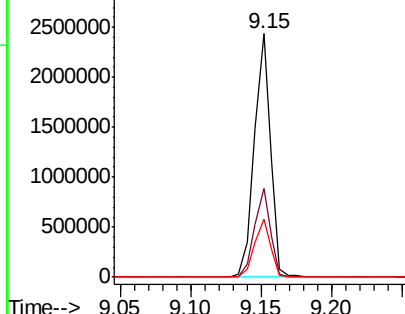


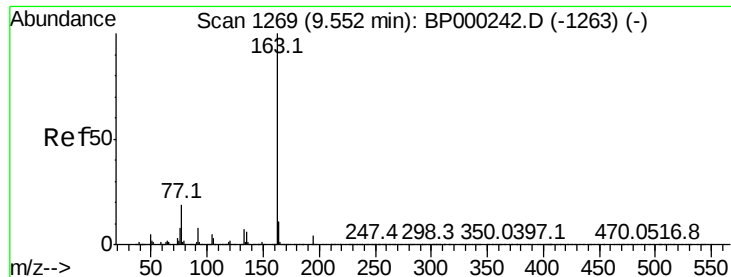
Abundance

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: 7.706 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BP000331.D

Acq: 19 Sep 2019 15:40

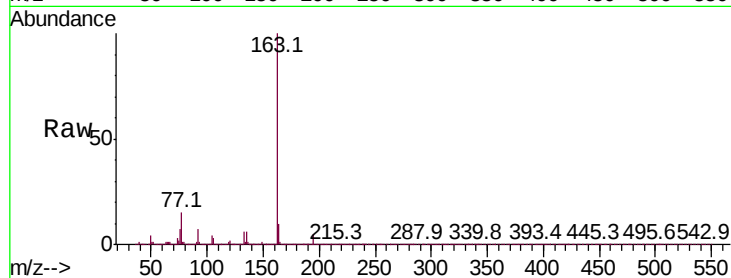
Tot Ion:163 Resp: 226774

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

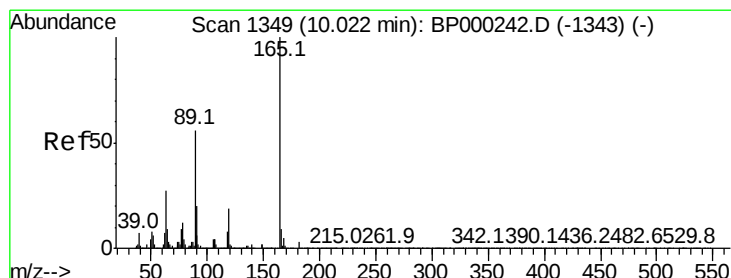
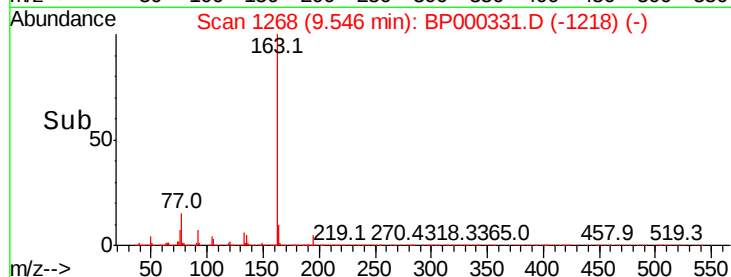
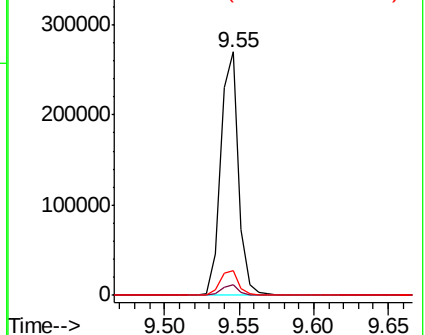
164 10.1 8.5 12.7



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: 6.587 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.19 min

Lab File: BP000331.D

Acq: 19 Sep 2019 15:40

Tgt Ion:165 Resp: 55724

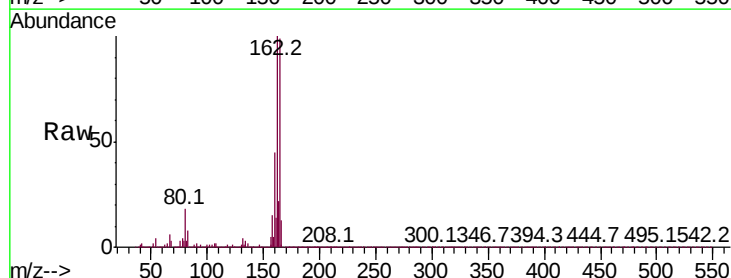
Ion Ratio Lower Upper

165 100

63 0.8 21.7 32.5#

89 1.2 45.0 67.6#

182 0.1 2.4 3.6#

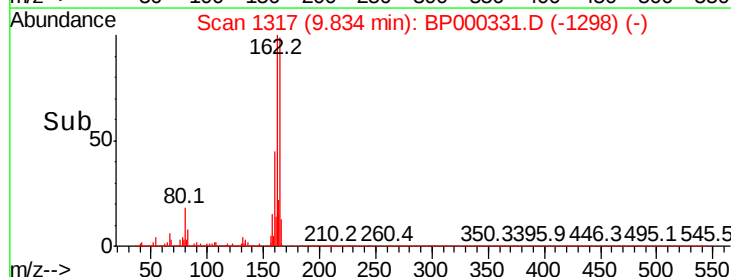
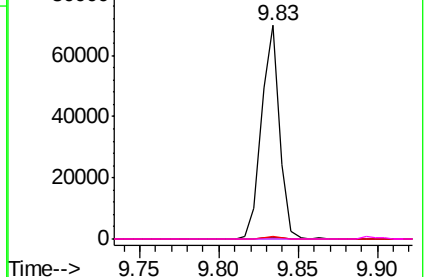


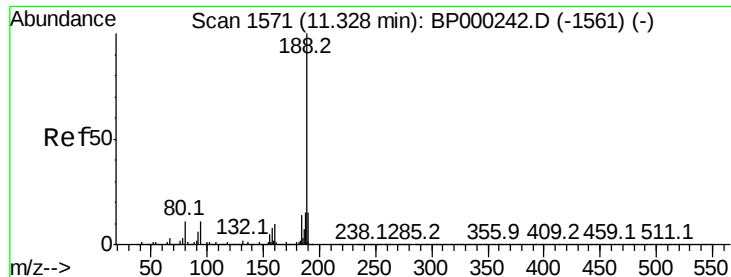
Abundance Ion 165.00 (164.70 to 165.70): E

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: BP000331.D

Acq: 19 Sep 2019 15:40

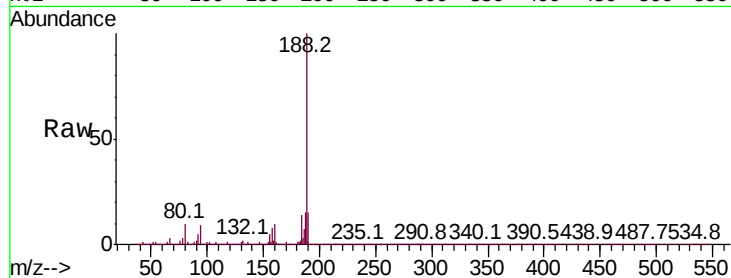
Tot Ion:188 Resp: 766609

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

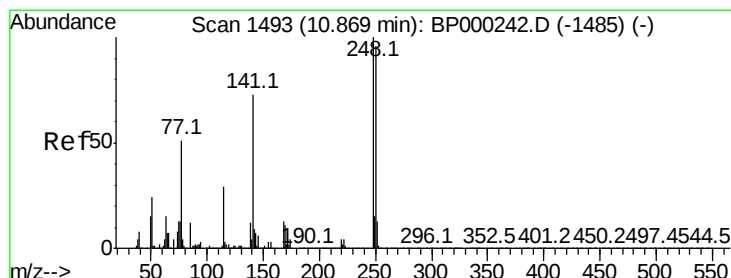
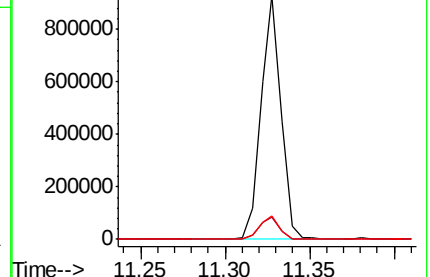
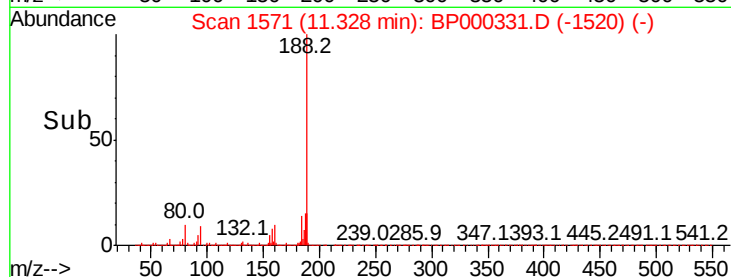
80 9.6 8.6 13.0



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: 3.767 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BP000331.D

Acq: 19 Sep 2019 15:40

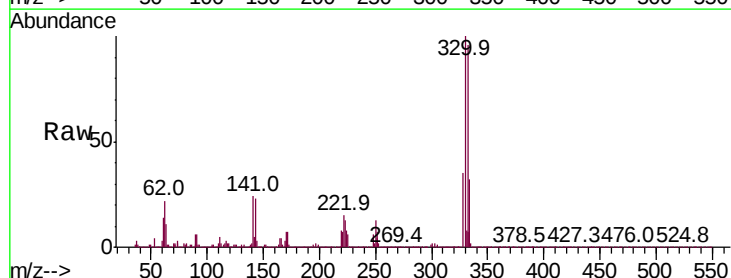
Tgt Ion:248 Resp: 32652

Ion Ratio Lower Upper

248 100

250 199.4 77.0 115.4#

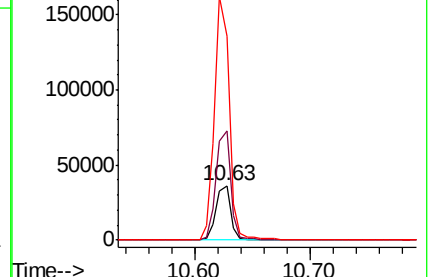
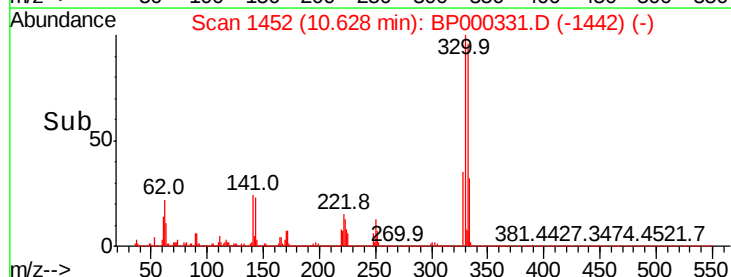
141 374.6 58.5 87.7#

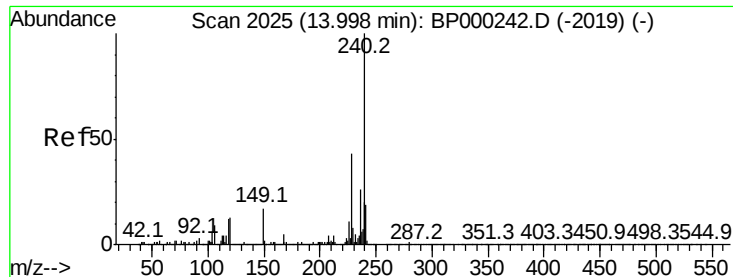


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

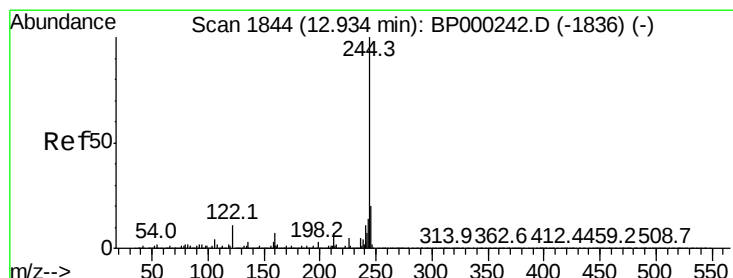
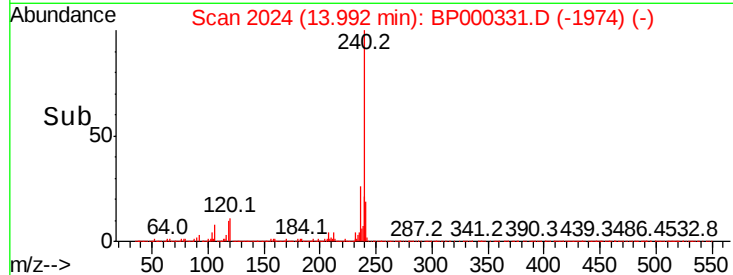
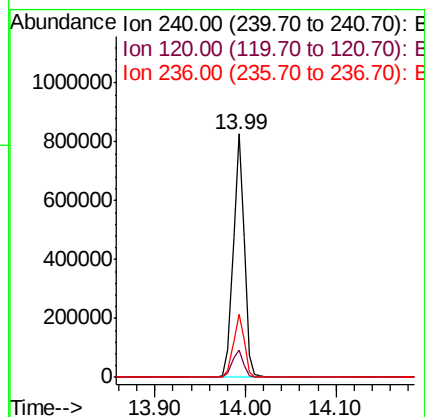
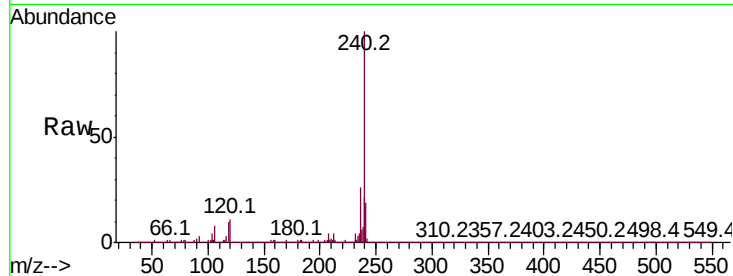
Ion 141.00 (140.70 to 141.70): E





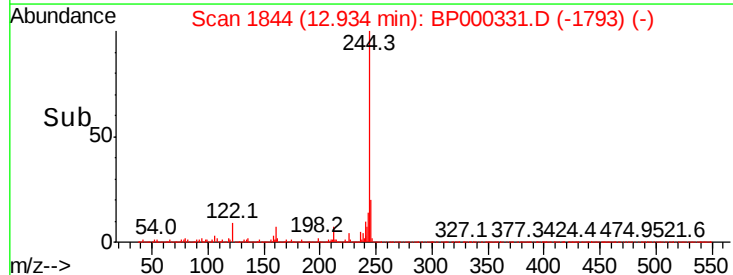
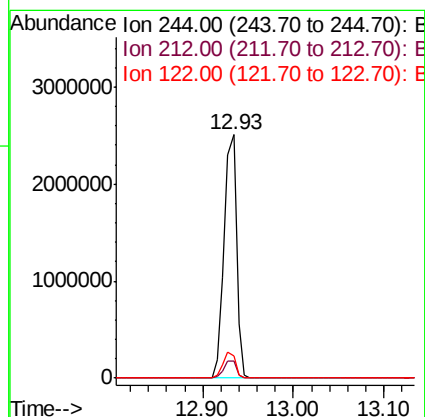
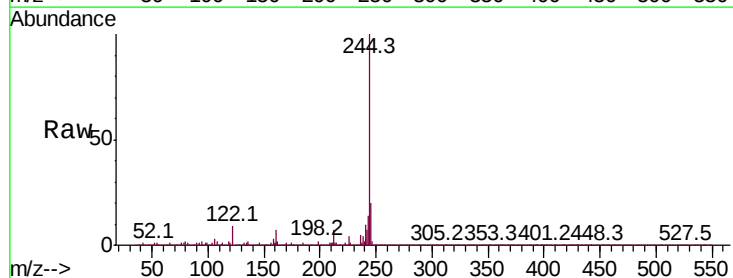
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000331.D
Acq: 19 Sep 2019 15:40

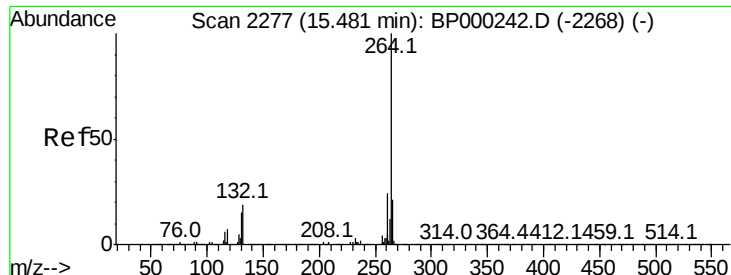
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	10.4	15.6
236	26.1	21.0	31.6



#79
Terphenyl-d14
Concen: 70.564 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BP000331.D
Acq: 19 Sep 2019 15:40

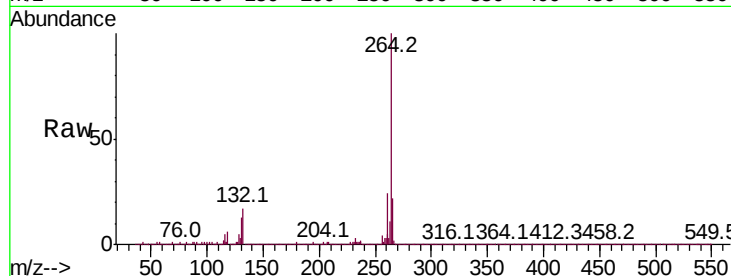
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	9.1	9.0	13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000331.D
Acq: 19 Sep 2019 15:40

Tot Ion:	264	Resp:	788427
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	21.9	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

