

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096894.D
 Acq On : 20 Jul 2017 3:27
 Operator : SJ/JU
 Sample : I4234-04RE
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

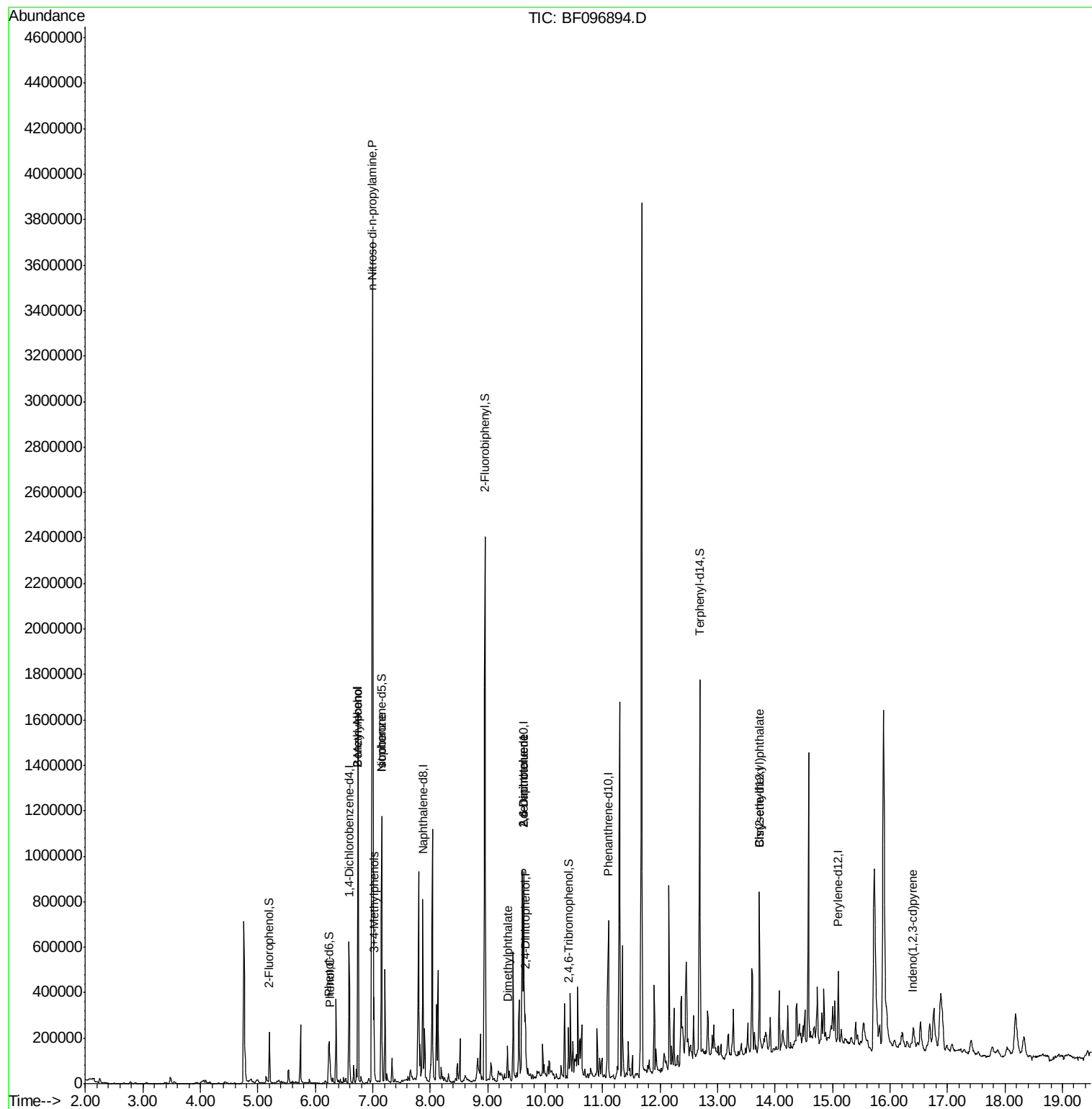
Quant Time: Jul 20 04:48:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

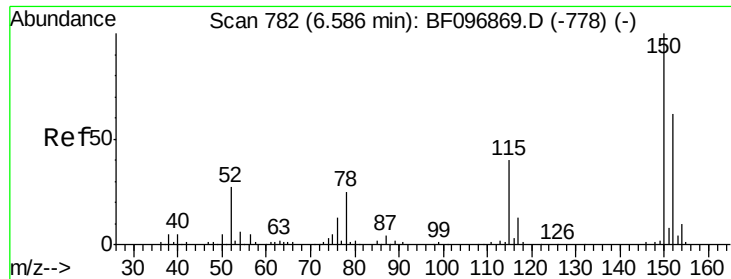
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	86594	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	392064	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	150521	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	232137	20.00	ng	0.00
75) Chrysene-d12	13.73	240	172314	20.00	ng	0.00
86) Perylene-d12	15.10	264	119488	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	60977	10.59	ng	0.00
7) Phenol-d6	6.24	99	52010	7.53	ng	-0.01
23) Nitrobenzene-d5	7.16	82	404762	63.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	21481	16.72	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	762950	80.08	ng	-0.01
78) Terphenyl-d14	12.69	244	517057	52.04	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.25	94	28302	3.62	ng	95
15) Benzyl Alcohol	6.73	79	25223	5.57	ng	88
17) 2-Methylphenol	6.73	107	10857	2.25	ng	# 17
19) n-Nitroso-di-n-propylamine	7.00	70	333024	79.98	ng	# 35
20) 3+4-Methylphenols	7.02	107	48085	8.20	ng	# 61
25) Isophorone	7.16	82	402025	34.14	ng	# 67
49) Dimethylphthalate	9.35	163	36827	3.25	ng	97
50) 2,6-Dinitrotoluene	9.62	165	19577	7.97	ng	# 34
53) 2,4-Dinitrophenol	9.65	184	633	7.22	ng	# 76
56) 2,4-Dinitrotoluene	9.62	165	19577	6.21	ng	# 33
83) Bis(2-ethylhexyl)phthalate	13.73	149	50295	5.56	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.39	276	1240	3.45	ng	93

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

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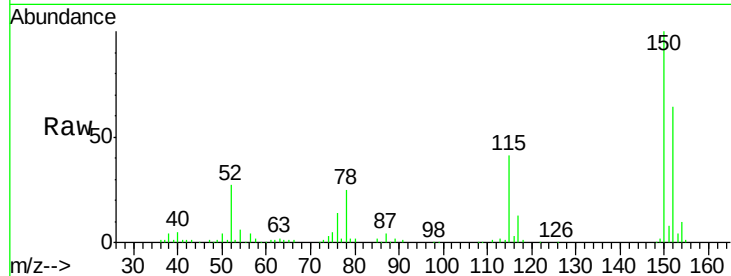




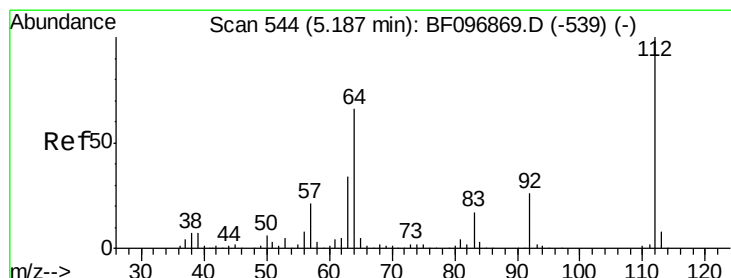
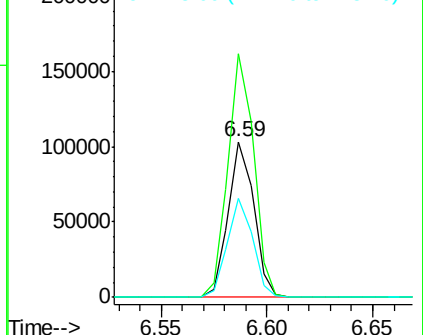
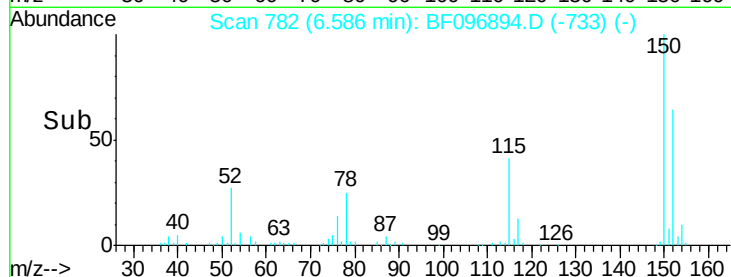
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096894.D
Acq: 20 Jul 2017 3:27

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.2	189.2
115	63.9	52.2	78.2



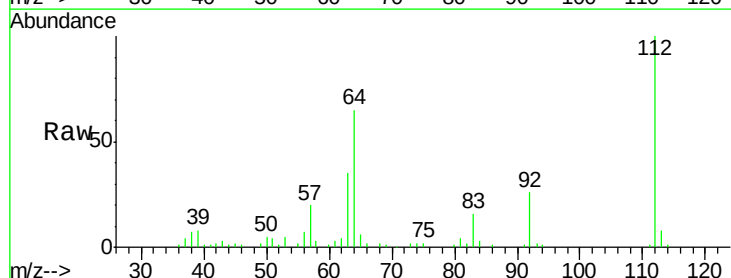
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



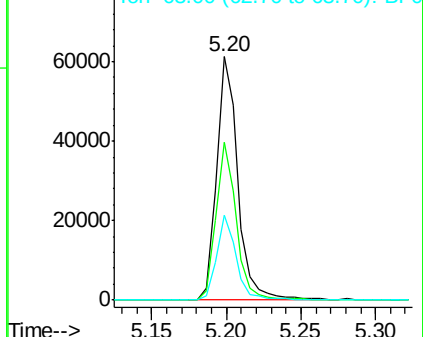
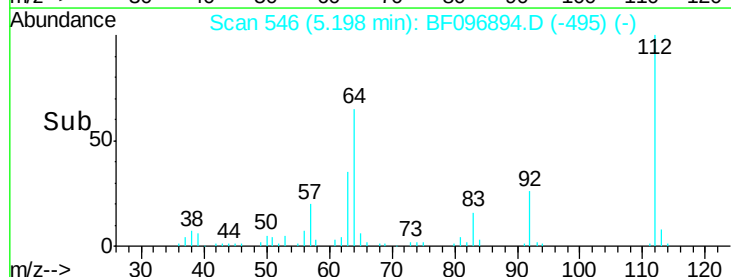
#5

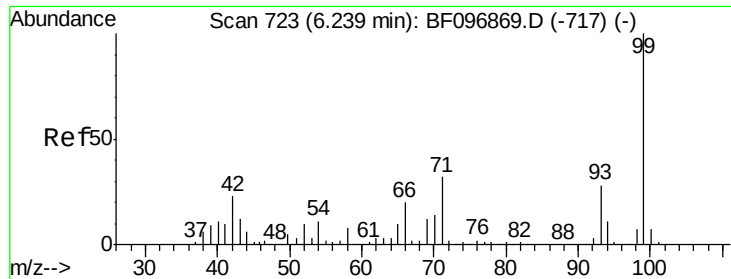
2-Fluorophenol
Concen: 10.59 ng
RT: 5.20 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF096894.D
Acq: 20 Jul 2017 3:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.1	46.0	69.0
63	34.7	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 7.53 ng

RT: 6.24 min Scan# 723

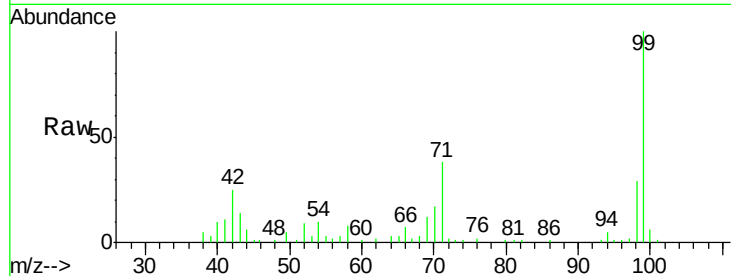
Delta R.T. -0.01 min

Lab File: BF096894.D

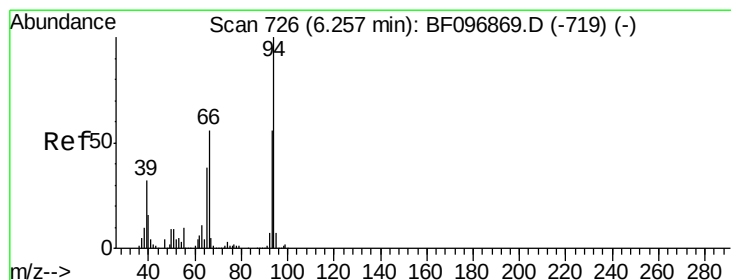
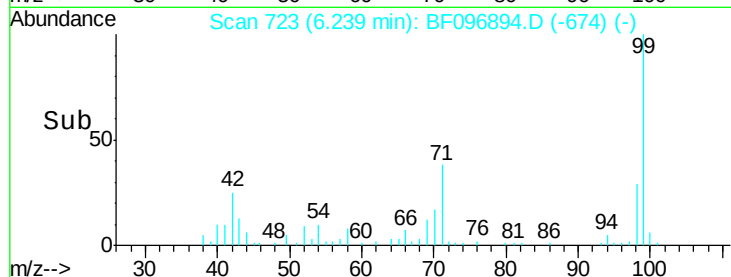
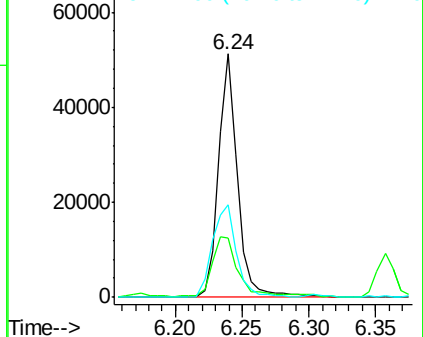
Acq: 20 Jul 2017 3:27

Tot Ion: 99 Resp: 52010

Ion	Ratio	Lower	Upper
99	100		
42	24.6	13.5	20.3#
71	37.9	24.5	36.7#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.62 ng

RT: 6.25 min Scan# 725

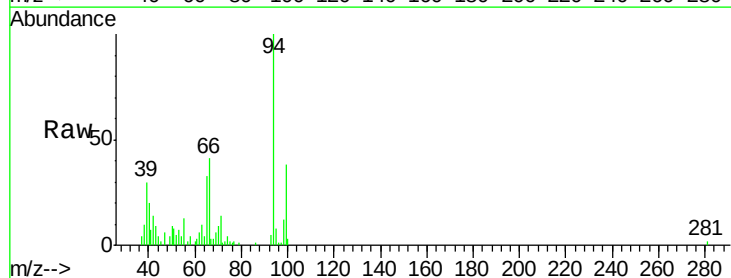
Delta R.T. -0.02 min

Lab File: BF096894.D

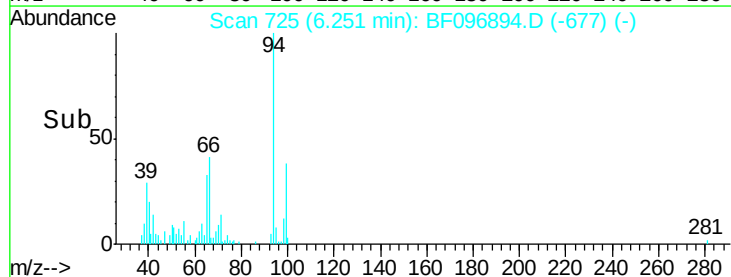
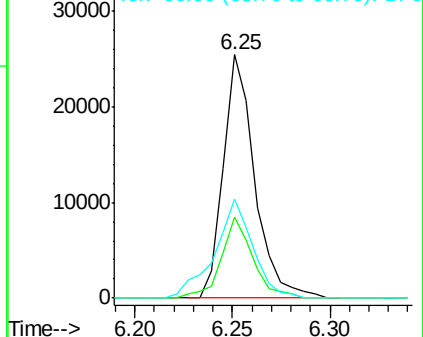
Acq: 20 Jul 2017 3:27

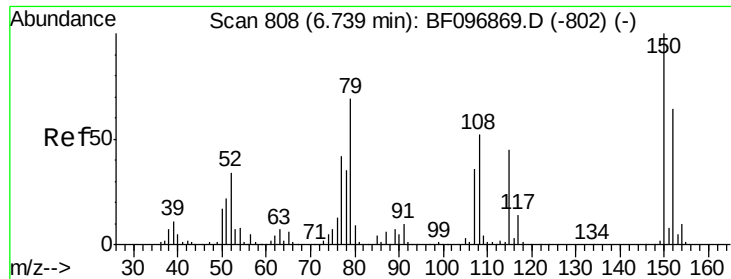
Tgt Ion: 94 Resp: 28302

Ion	Ratio	Lower	Upper
94	100		
65	33.1	9.9	49.9
66	40.8	23.1	63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 5.57 ng

RT: 6.73 min Scan# 807

Delta R.T. -0.02 min

Lab File: BF096894.D

Acq: 20 Jul 2017 3:27

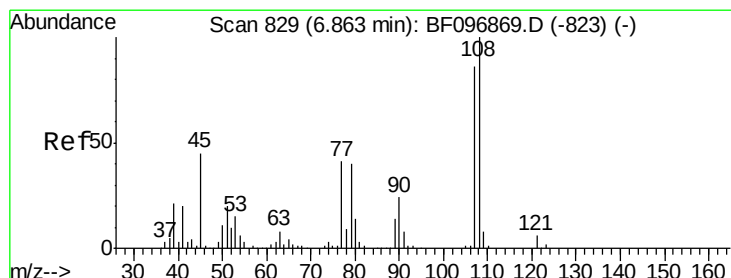
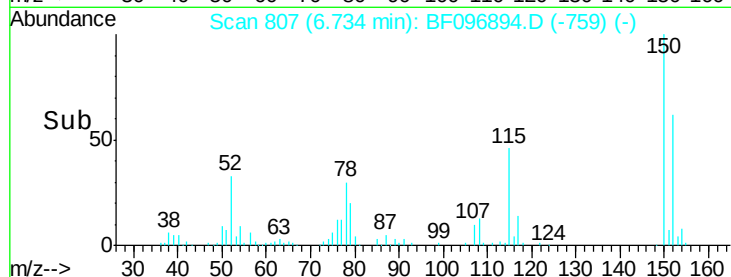
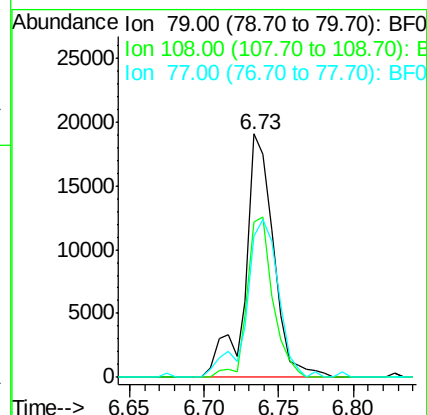
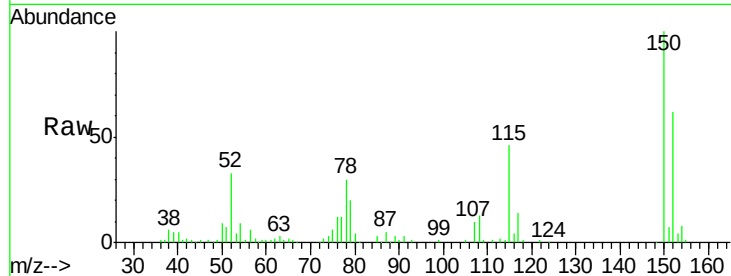
Tot Ion: 79 Resp: 25223

Ion Ratio Lower Upper

79 100

108 63.7 63.4 95.0

77 58.2 49.2 73.8



#17

2-Methylphenol

Concen: 2.25 ng

RT: 6.73 min Scan# 807

Delta R.T. -0.14 min

Lab File: BF096894.D

Acq: 20 Jul 2017 3:27

Tgt Ion: 107 Resp: 10857

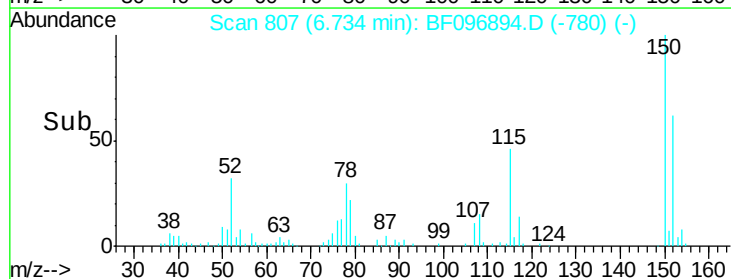
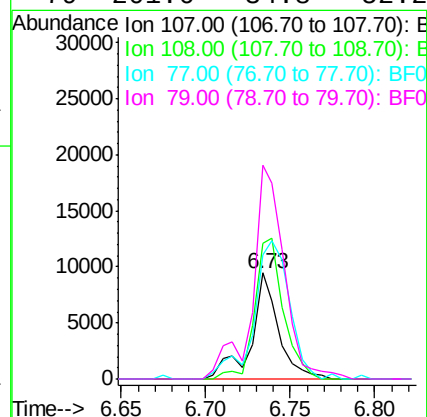
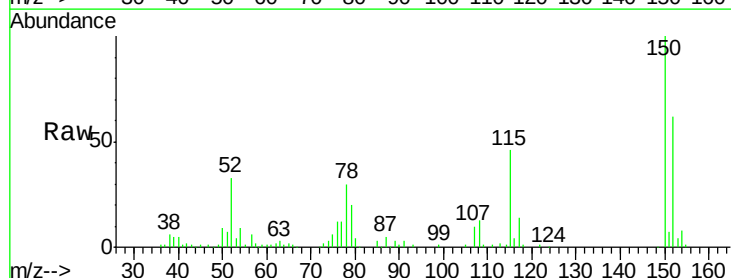
Ion Ratio Lower Upper

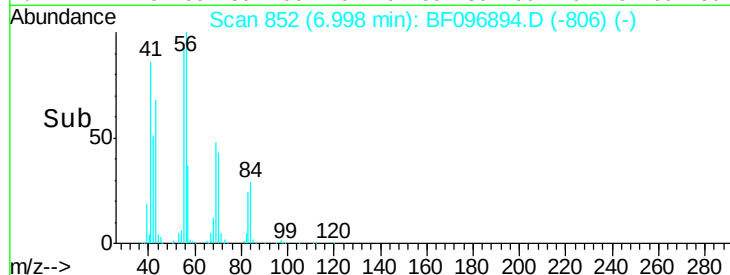
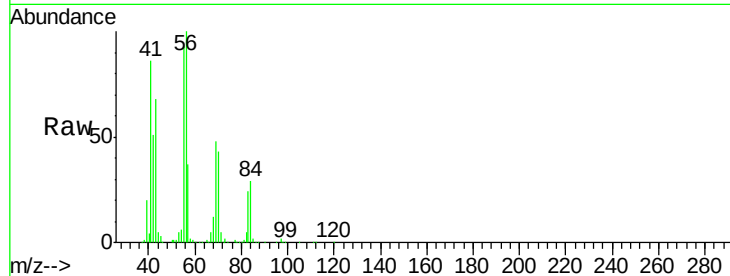
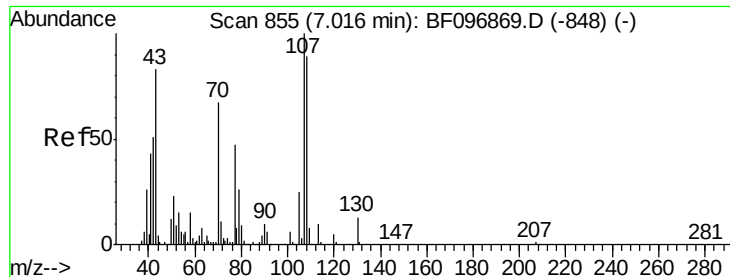
107 100

108 128.4 93.4 140.0

77 117.4 35.8 53.6#

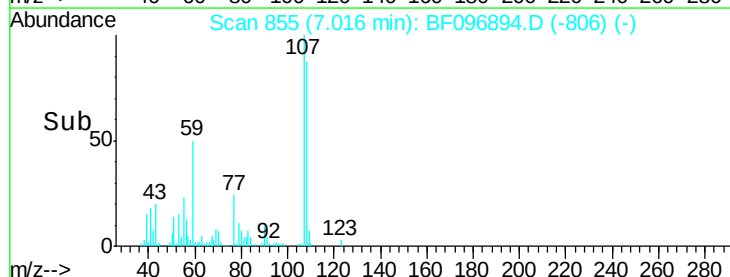
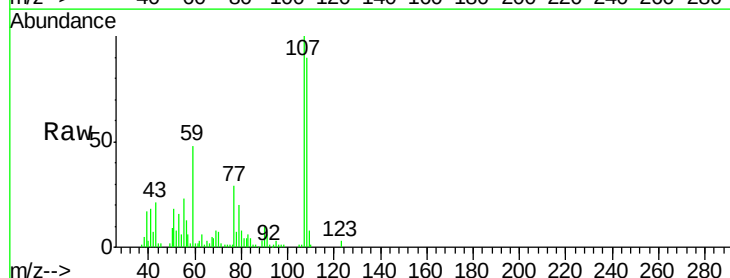
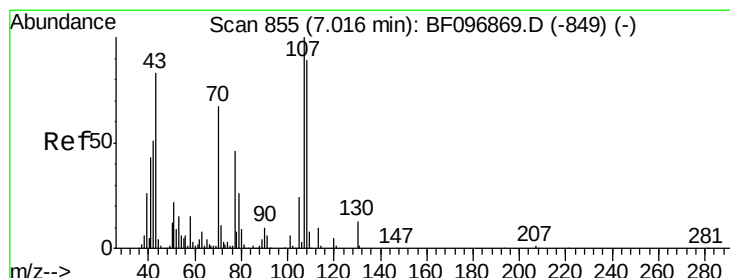
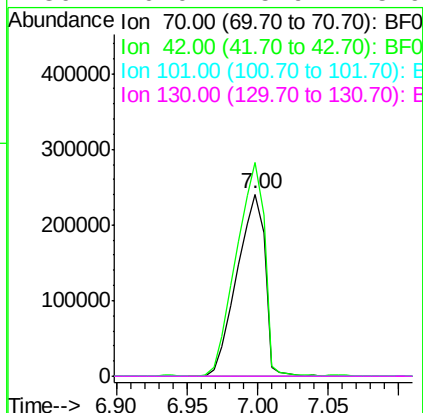
79 201.6 34.8 52.2#





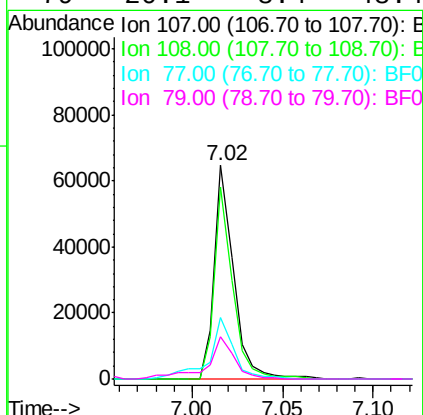
#19
n-Nitroso-di-n-propylamine
Concen: 79.98 ng
RT: 7.00 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF096894.D
Acq: 20 Jul 2017 3:27

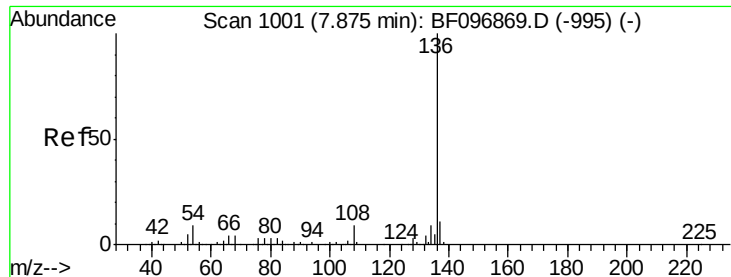
Tot Ion	Ratio	Lower	Upper
70	100		
42	117.3	47.2	70.8#
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#



#20
3+4-Methylphenols
Concen: 8.20 ng
RT: 7.02 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF096894.D
Acq: 20 Jul 2017 3:27

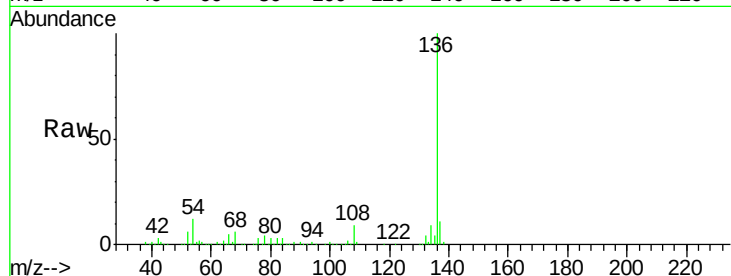
Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	71.0	111.0
77	28.9	90.5	130.5#
79	20.1	8.4	48.4



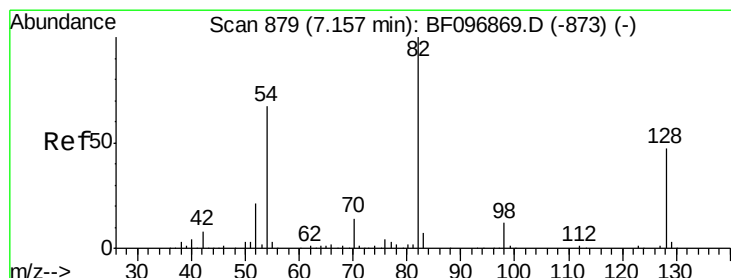
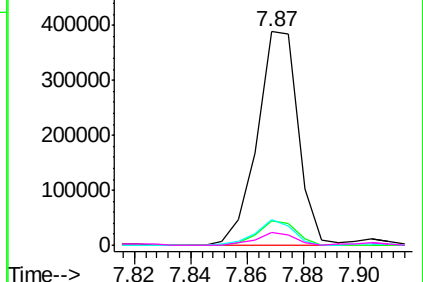
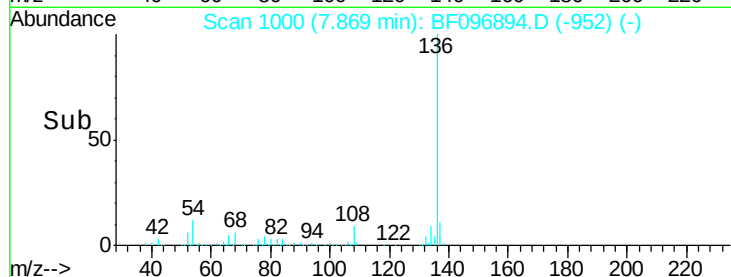


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096894.D
Acq: 20 Jul 2017 3:27

Tot Ion:136	Resp:	392064
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	11.7	4.9 7.3#
68	5.7	4.1 6.1

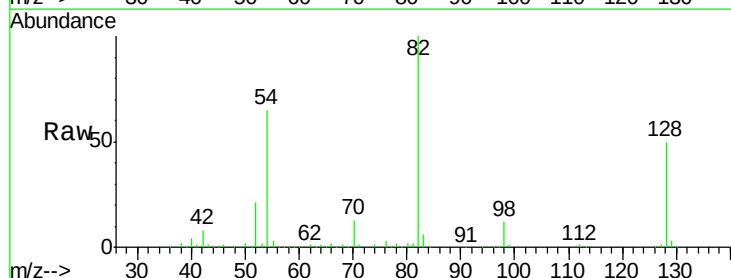


Abundance Ion 136.00 (135.70 to 136.70): E
600000
Ion 137.00 (136.70 to 137.70): E
500000
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

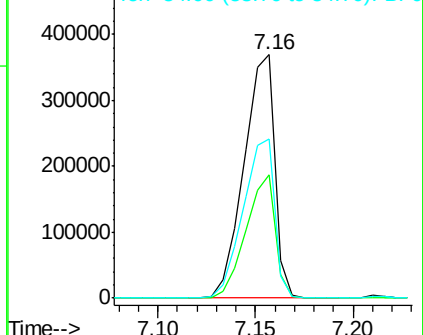
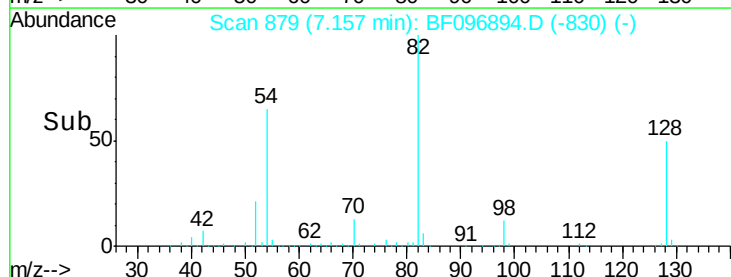


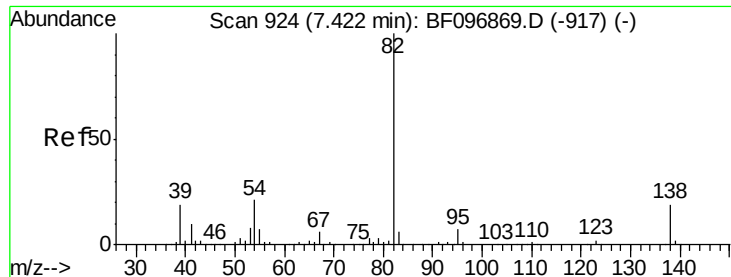
#23
Nitrobenzene-d5
Concen: 63.95 ng
RT: 7.16 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096894.D
Acq: 20 Jul 2017 3:27

Tgt Ion: 82	Resp:	404762
Ion Ratio	Lower	Upper
82	100	
128	50.4	34.0 51.0
54	65.2	42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0
500000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 34.14 ng

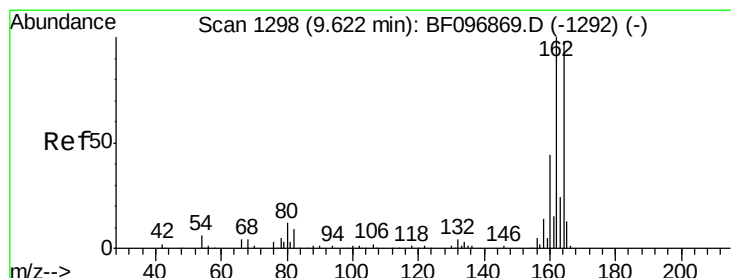
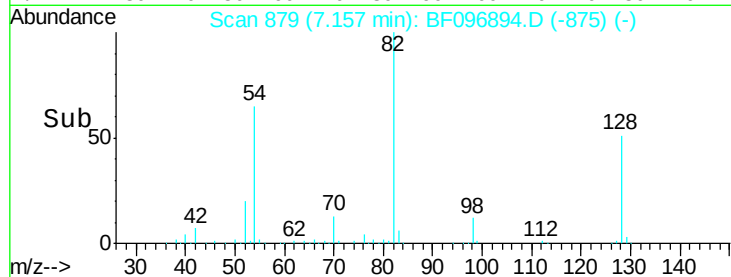
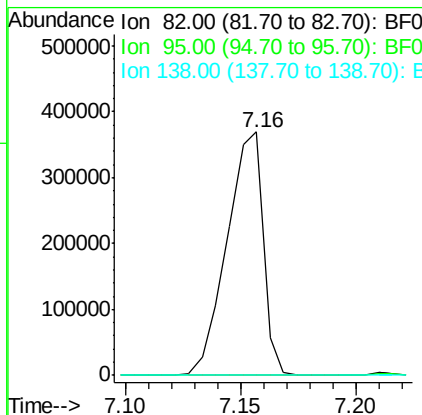
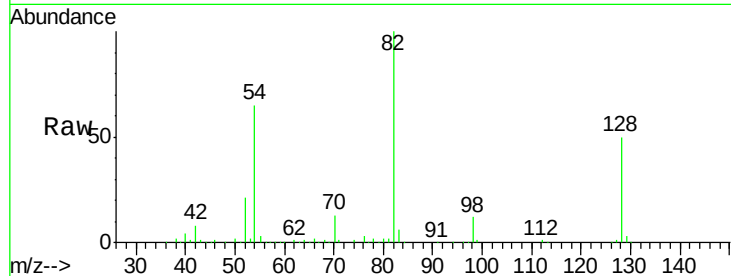
RT: 7.16 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF096894.D

Acq: 20 Jul 2017 3:27

Tot Ion:	82	Resp:	402025
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



#38

Acenaphthene-d10

Concen: 20.00 ng

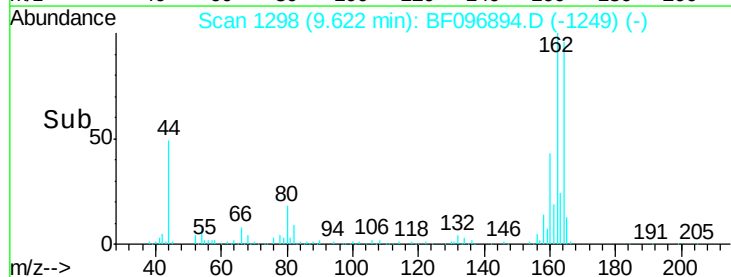
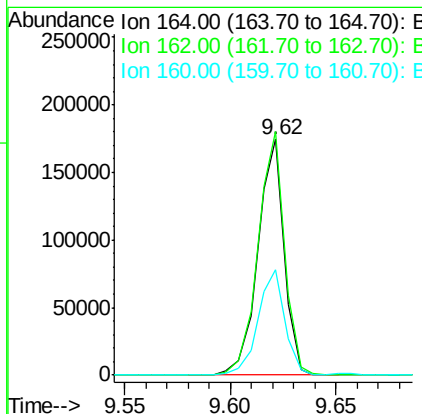
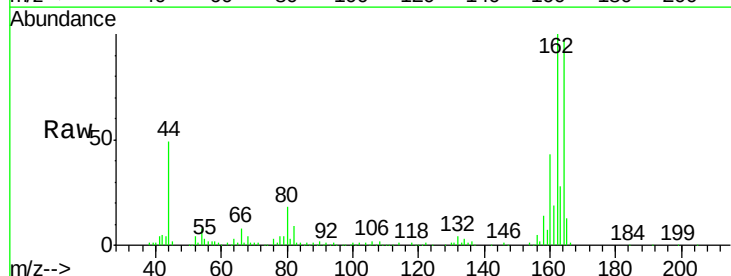
RT: 9.62 min Scan# 1298

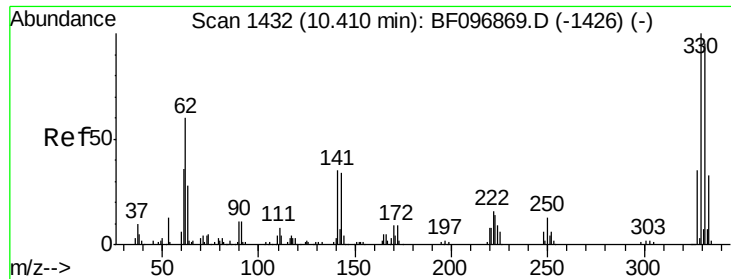
Delta R.T. -0.01 min

Lab File: BF096894.D

Acq: 20 Jul 2017 3:27

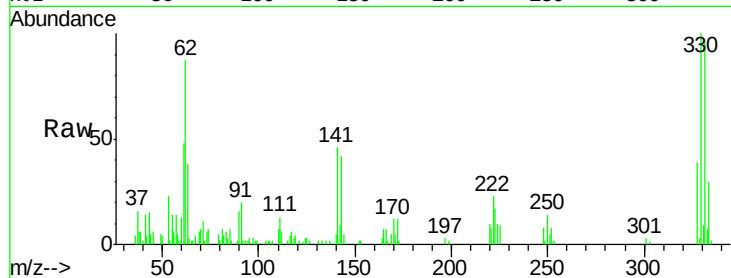
Tgt Ion:	164	Resp:	150521
Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	44.5	36.2	54.2



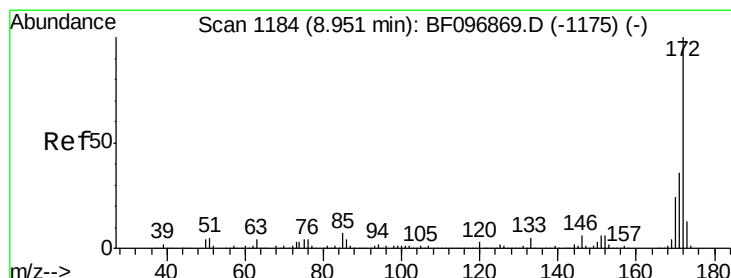
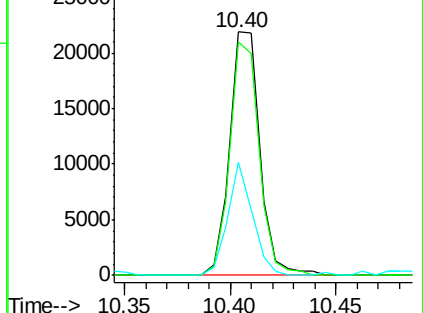
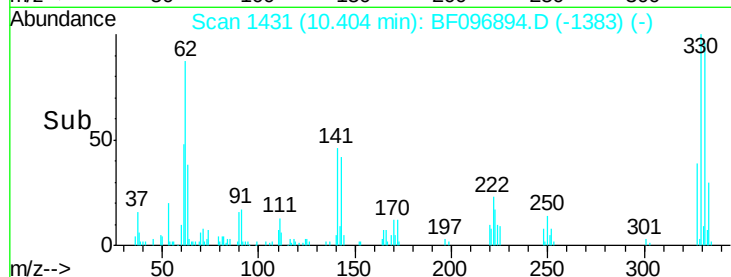


#41
 2,4,6-Tribromophenol
 Concen: 16.72 ng
 RT: 10.40 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096894.D
 Acq: 20 Jul 2017 3:27

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.2	76.6	115.0
141	37.9	31.4	47.2

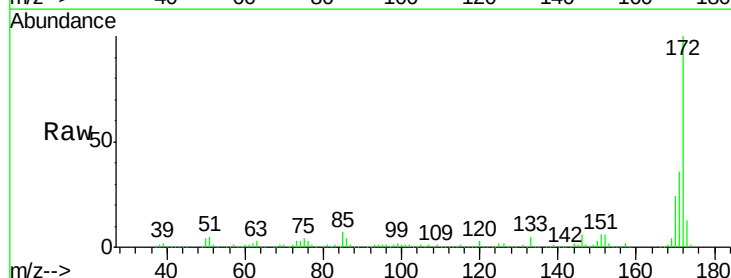


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

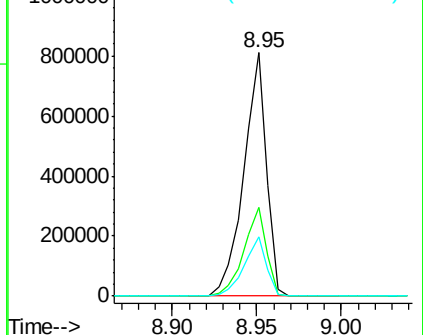
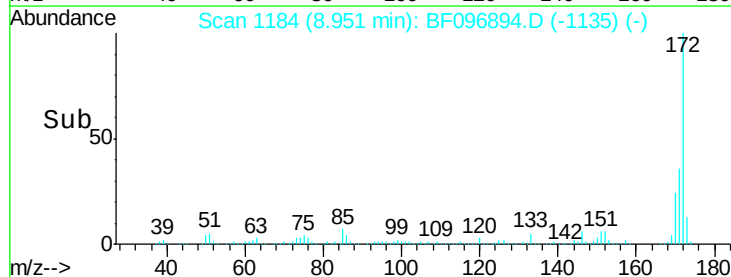


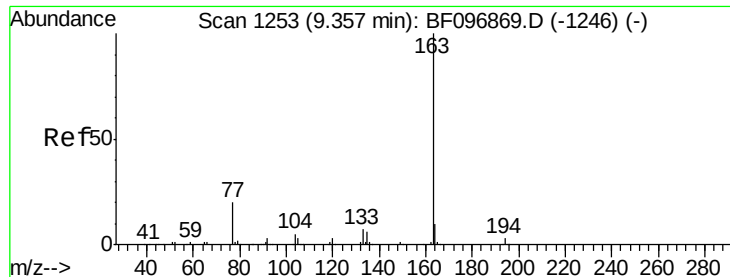
#44
 2-Fluorobiphenyl
 Concen: 80.08 ng
 RT: 8.95 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF096894.D
 Acq: 20 Jul 2017 3:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.3	19.8	29.8



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





#49

Dimethylphthalate

Concen: 3.25 ng

RT: 9.35 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF096894.D

Acq: 20 Jul 2017 3:27

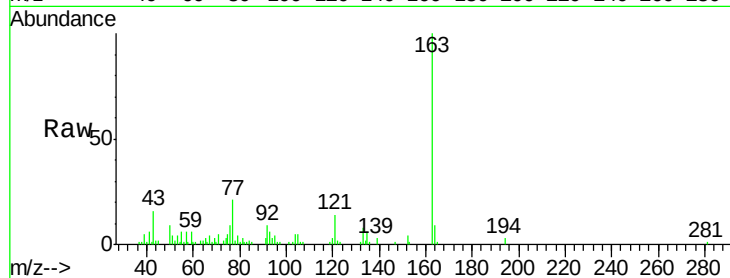
Tot Ion:163 Resp: 36827

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

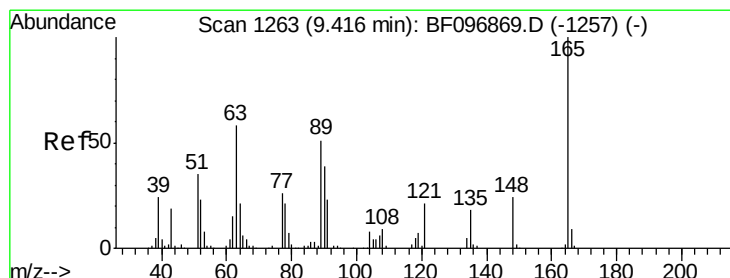
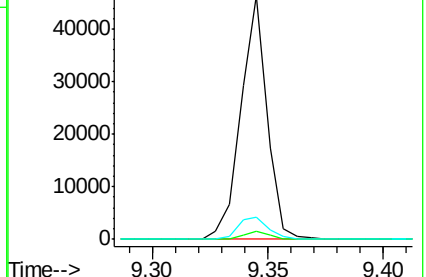
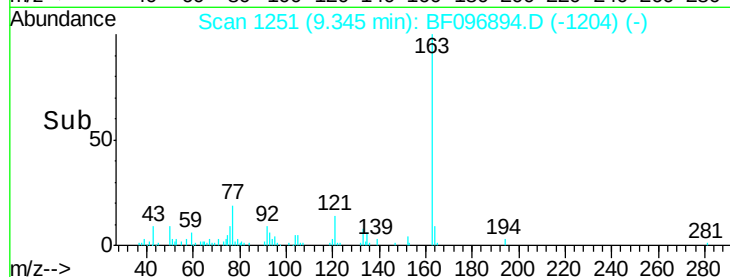
164 9.3 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 7.97 ng

RT: 9.62 min Scan# 1298

Delta R.T. 0.19 min

Lab File: BF096894.D

Acq: 20 Jul 2017 3:27

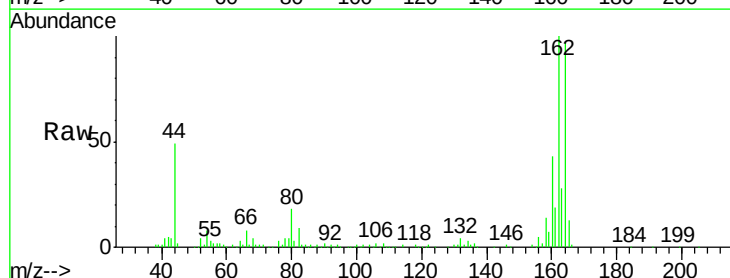
Tgt Ion:165 Resp: 19577

Ion Ratio Lower Upper

165 100

63 1.8 34.3 51.5#

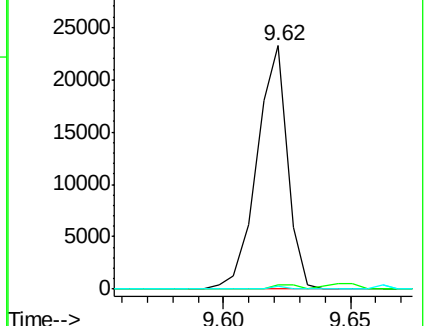
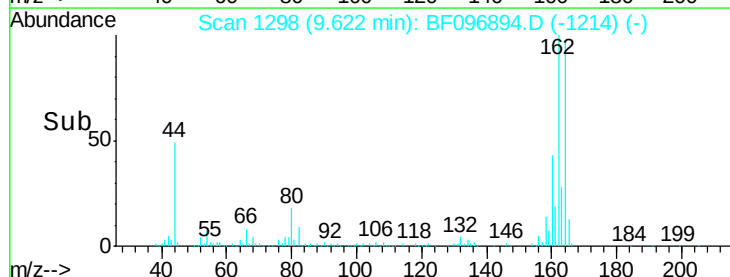
89 1.5 37.1 55.7#

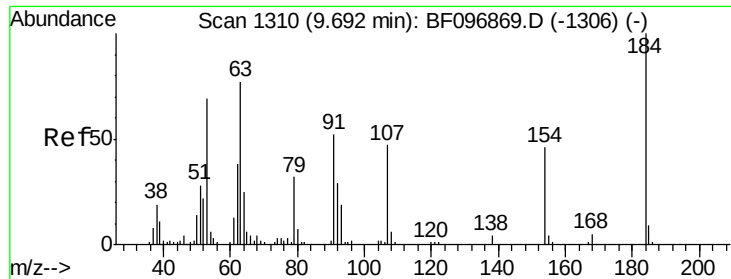


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

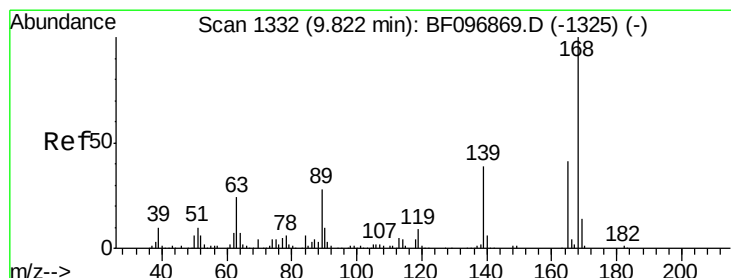
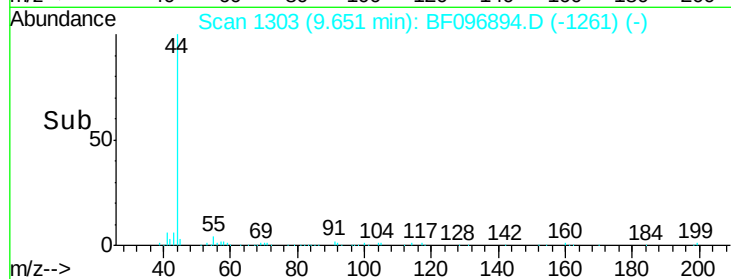
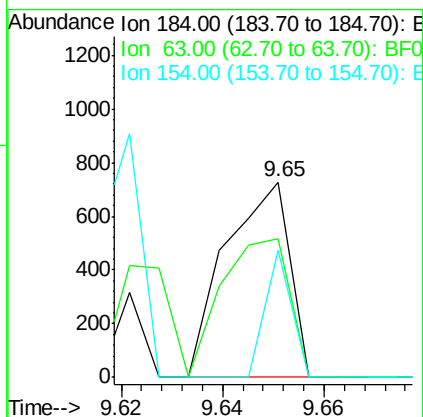
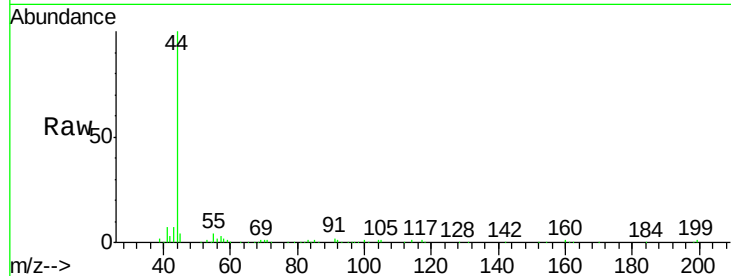
Ion 89.00 (88.70 to 89.70): BF0





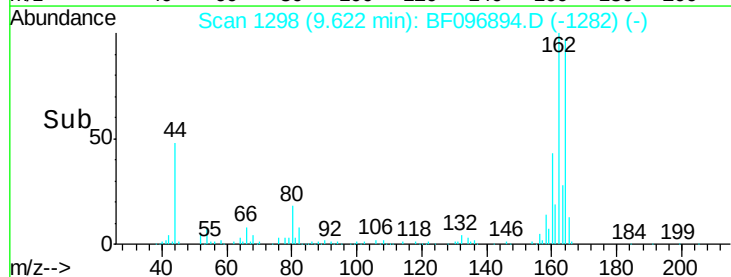
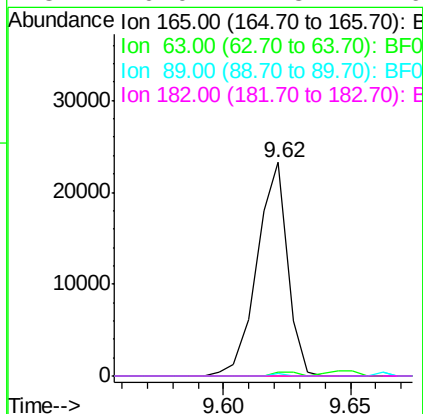
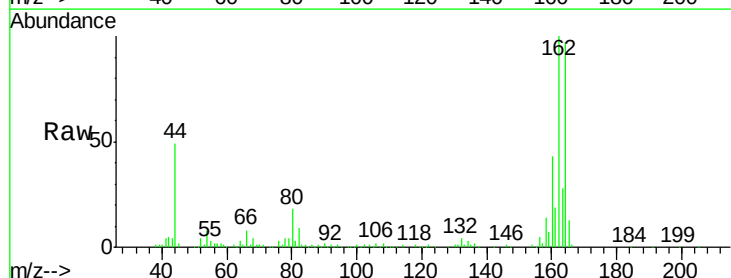
#53
 2,4-Dinitrophenol
 Concen: 7.22 na
 RT: 9.65 min Scan# 1303
 Delta R.T. -0.05 min
 Lab File: BF096894.D
 Acq: 20 Jul 2017 3:27

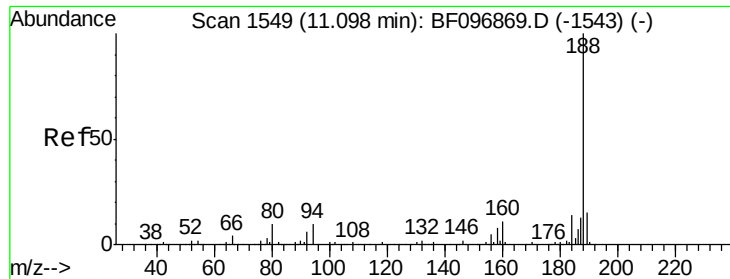
Tot Ion:184 Resp: 633
 Ion Ratio Lower Upper
 184 100
 63 70.7 62.7 94.1
 154 65.0 81.1 121.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.21 ng
 RT: 9.62 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF096894.D
 Acq: 20 Jul 2017 3:27

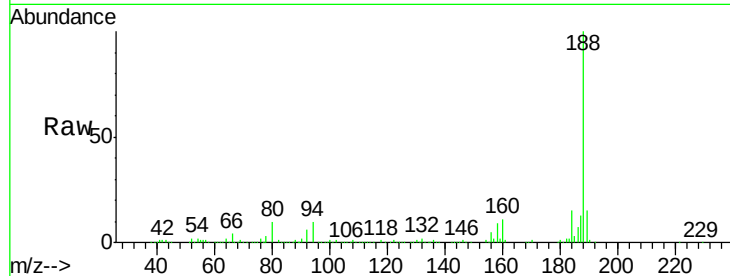
Tgt Ion:165 Resp: 19577
 Ion Ratio Lower Upper
 165 100
 63 1.8 25.4 38.0#
 89 1.5 46.4 69.6#
 182 0.0 1.8 2.6#



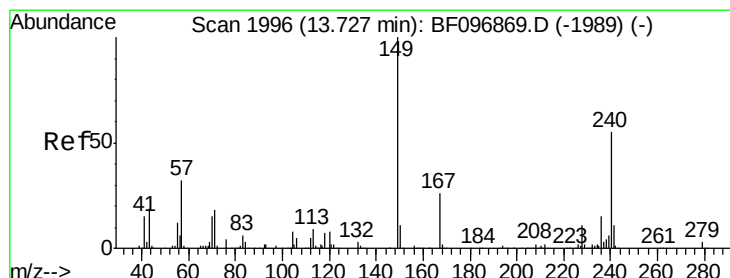
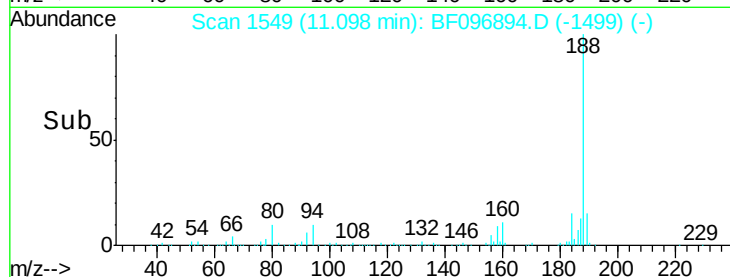
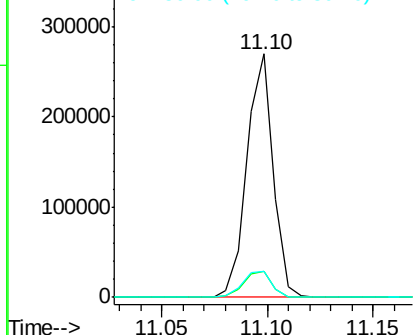


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF096894.D
Acq: 20 Jul 2017 3:27

Tot Ion:188 Resp: 232137
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.5 10.2 15.2

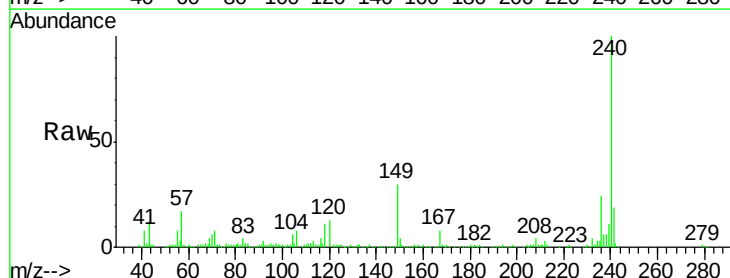


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

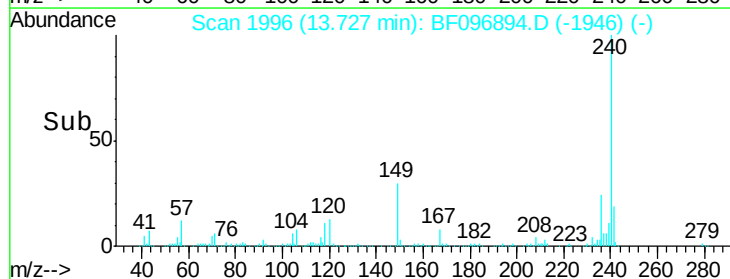
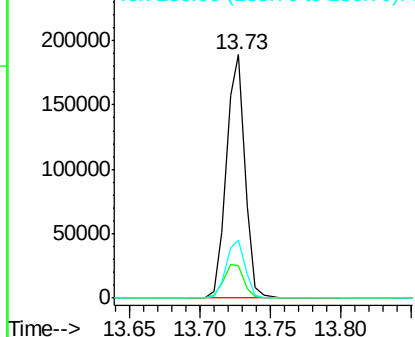


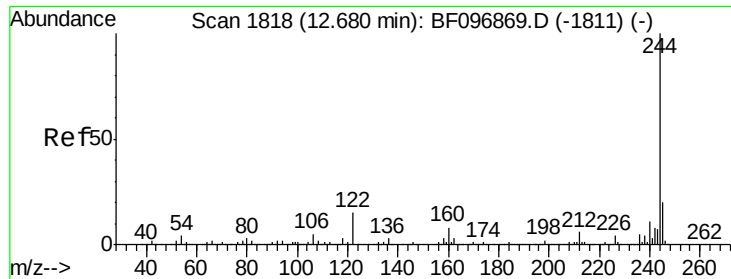
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF096894.D
Acq: 20 Jul 2017 3:27

Tgt Ion:240 Resp: 172314
Ion Ratio Lower Upper
240 100
120 13.4 5.8 8.8#
236 23.9 20.5 30.7



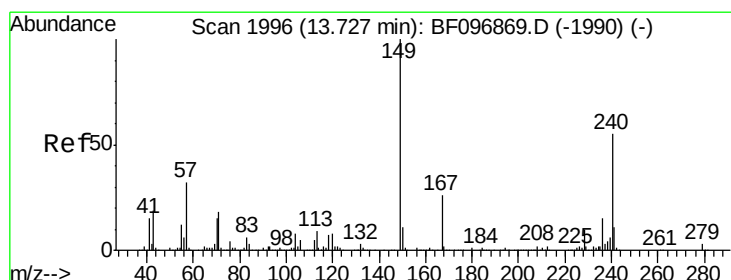
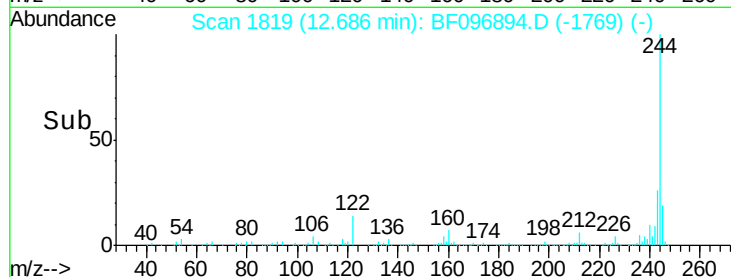
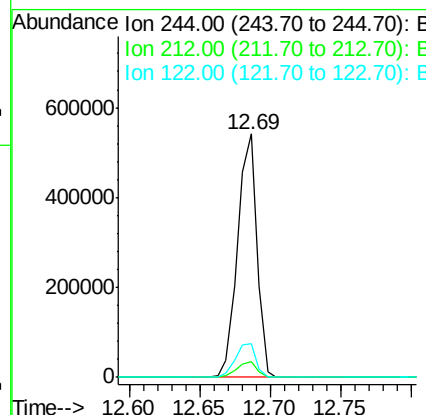
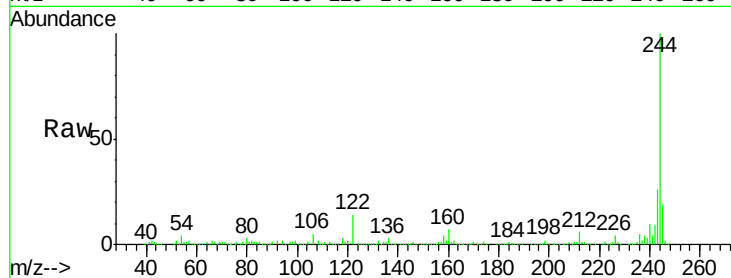
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





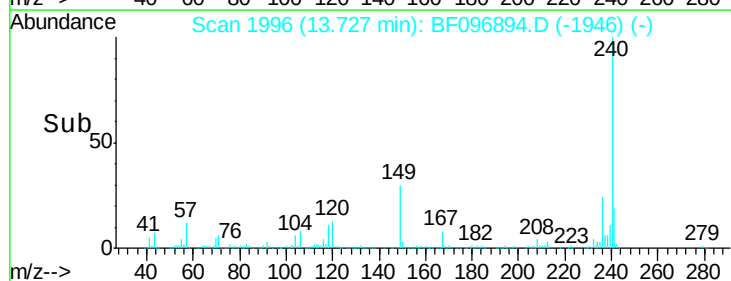
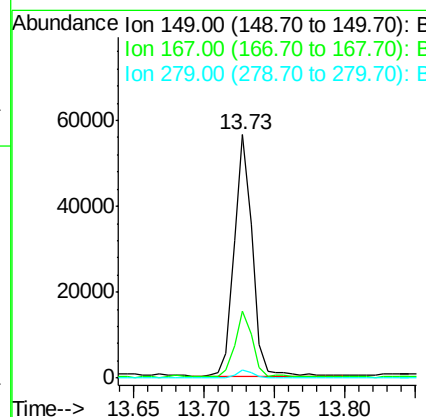
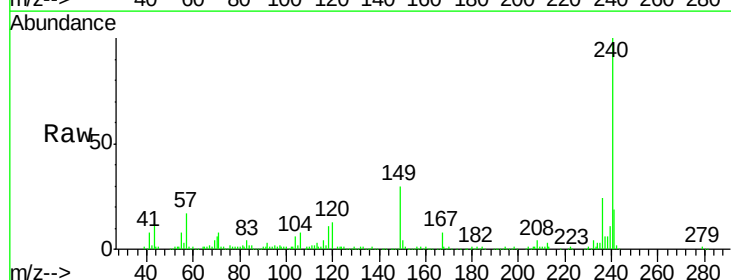
#78
 Terphenyl-d14
 Concen: 52.04 ng
 RT: 12.69 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BF096894.D
 Acq: 20 Jul 2017 3:27

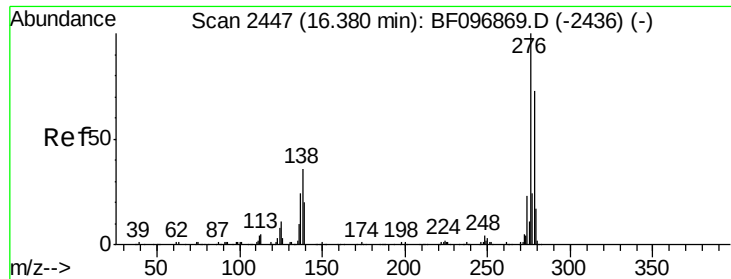
Tot Ion:244 Resp: 517057
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 13.6 10.3 15.5



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.56 ng
 RT: 13.73 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF096894.D
 Acq: 20 Jul 2017 3:27

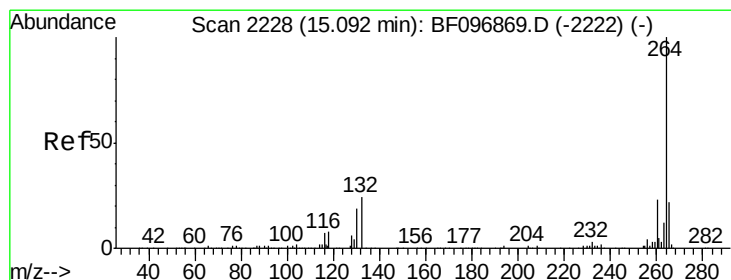
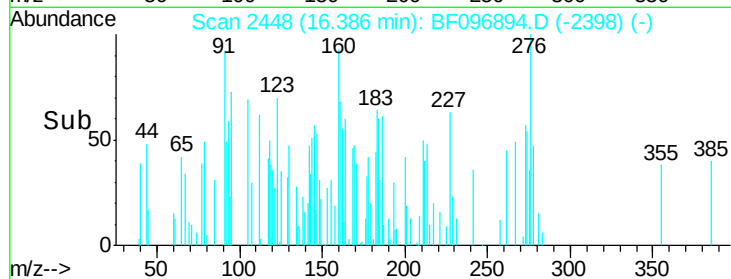
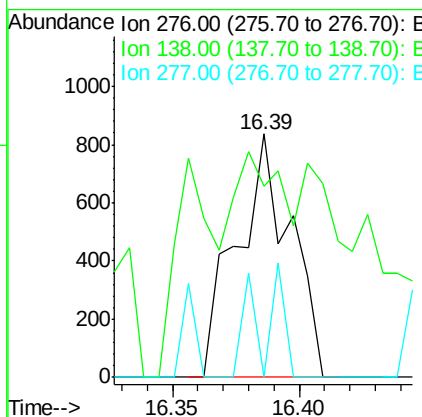
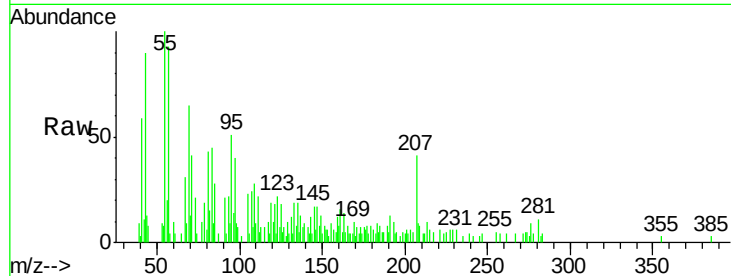
Tgt Ion:149 Resp: 50295
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.0 31.4
 279 3.3 1.9 2.9#





#85
Indeno(1,2,3-cd)pyrene
Concen: 3.45 ng
RT: 16.39 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BF096894.D
Acq: 20 Jul 2017 3:27

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.4	27.8	41.6
277	21.4	20.2	30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF096894.D
Acq: 20 Jul 2017 3:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.4	17.2	25.8

