

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097359.D
 Acq On : 4 Aug 2017 16:48
 Operator : SJ/JU
 Sample : I4542-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A4129MSD

Manual Integrations
 APPROVED

Sohil
 8/7/2017 6:09:33 PM

Quant Time: Aug 04 23:23:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	89865	20.00	ng	-0.06
21) Naphthalene-d8	7.72	136	397583	20.00	ng	-0.06
38) Acenaphthene-d10	9.46	164	190228	20.00	ng	-0.07
63) Phenanthrene-d10	10.93	188	299648	20.00	ng	-0.07
75) Chrysene-d12	13.56	240	200590	20.00	ng	-0.07
86) Perylene-d12	14.89	264	55836	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.06	112	703769	118.06	ng	-0.04
7) Phenol-d6	6.12	99	806086	118.45	ng	-0.05
23) Nitrobenzene-d5	7.02	82	518629	76.52	ng	-0.06
41) 2,4,6-Tribromophenol	10.25	330	178486	118.75	ng	-0.07
44) 2-Fluorobiphenyl	8.80	172	866303	77.29	ng	-0.07
78) Terphenyl-d14	12.52	244	783574	79.64	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.09	88	95009	38.192	ng	# 63
3) Pyridine	2.70	79	143287m	18.810	ng	
4) n-Nitrosodimethylamine	2.62	42	157693	37.367	ng	80
6) Aniline	6.12	93	67400	7.870	ng	# 1
8) 2-Chlorophenol	6.23	128	248464	38.979	ng	94
9) Benzaldehyde	5.99	77	125520	31.160	ng	97
10) Phenol	6.13	94	271925	33.686	ng	94
11) bis(2-Chloroethyl)ether	6.19	93	265886	41.646	ng	92
12) 1,3-Dichlorobenzene	6.38	146	239777	34.906	ng	98
13) 1,4-Dichlorobenzene	6.46	146	259449	38.112	ng	95
14) 1,2-Dichlorobenzene	6.61	146	234209	39.403	ng	97
15) Benzyl Alcohol	6.61	79	129753	30.114	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.73	45	506723	39.571	ng	95
17) 2-Methylphenol	6.74	107	201159	40.890	ng	# 91
18) Hexachloroethane	6.95	117	94199	37.823	ng	# 83
19) n-Nitroso-di-n-propylamine	6.87	70	189205	42.237	ng	# 80
20) 3+4-Methylphenols	6.89	107	282278	43.932	ng	# 60
22) Acetophenone	6.86	105	369632	38.714	ng	97
24) Nitrobenzene	7.03	77	261136	36.996	ng	91
25) Isophorone	7.27	82	535109	40.317	ng	97
26) 2-Nitrophenol	7.35	139	157687	41.293	ng	# 88
27) 2,4-Dimethylphenol	7.41	122	245867	39.031	ng	97
28) bis(2-Chloroethoxy)methane	7.49	93	261852	30.232	ng	98
29) 2,4-Dichlorophenol	7.60	162	225526	41.558	ng	95
30) 1,2,4-Trichlorobenzene	7.67	180	189303	36.597	ng	98
31) Naphthalene	7.75	128	715785	38.192	ng	99
32) Benzoic acid	7.58	122	168057	35.728	ng	94
34) Hexachlorobutadiene	7.86	225	98491	35.916	ng	97
35) Caprolactam	8.19	113	70907m	40.748	ng	
36) 4-Chloro-3-methylphenol	8.32	107	229217	38.716	ng	87
37) 2-Methylnaphthalene	8.43	142	511705	43.123	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.60	216	175915	34.658	ng	99
40) Hexachlorocyclopentadiene	8.59	237	99725	58.147	ng	95
42) 2,4,6-Trichlorophenol	8.73	196	134419	36.544	ng	98

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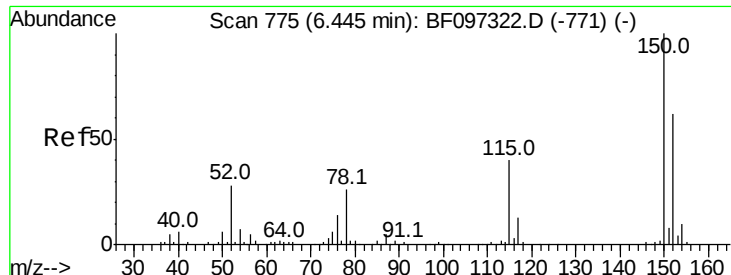
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.77	196	131930	35.835	nq	98
45) 1,1'-Biphenyl	8.90	154	588207	36.202	nq	98
46) 2-Chloronaphthalene	8.92	162	441994	36.966	nq #	94
47) 2-Nitroaniline	9.03	65	152175	35.069	nq	94
48) Acenaphthylene	9.33	152	628553	34.249	nq	99
49) Dimethylphthalate	9.20	163	567971	39.318	nq	100
50) 2,6-Dinitrotoluene	9.27	165	118596	38.709	nq #	72
51) Acenaphthene	9.50	154	434173	40.163	nq	98
52) 3-Nitroaniline	9.44	138	31571	8.302	nq	89
53) 2,4-Dinitrophenol	9.56	184	129379	92.874	nq #	74
54) Dibenzofuran	9.67	168	613690	42.620	nq	96
55) 4-Nitrophenol	9.64	139	112396	49.699	nq #	69
56) 2,4-Dinitrotoluene	9.68	165	157135	44.614	nq #	80
57) Fluorene	10.01	166	454036	41.953	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.80	232	109075	42.908	nq #	97
59) Diethylphthalate	9.90	149	542962	40.969	nq	99
60) 4-Chlorophenyl-phenylether	10.00	204	183769	41.121	nq	99
61) 4-Nitroaniline	10.05	138	56766	15.709	nq	92
62) Azobenzene	10.16	77	489485	39.813	nq	92
64) 4,6-Dinitro-2-methylphenol	10.09	198	86886	46.663	nq	91
65) n-Nitrosodiphenylamine	10.13	169	162166	15.554	nq	97
66) 4-Bromophenyl-phenylether	10.49	248	127203	42.537	nq	95
67) Hexachlorobenzene	10.56	284	130101	38.797	nq #	85
69) Pentachlorophenol	10.76	266	101767	73.346	nq	98
70) Phenanthrene	10.96	178	717109	44.665	nq	98
71) Anthracene	11.01	178	704350	42.833	nq	99
72) Carbazole	11.17	167	191832	11.862	nq	95
73) Di-n-butylphthalate	11.51	149	907952	45.418	nq	99
74) Fluoranthene	12.14	202	671492	42.692	nq	98
77) Pyrene	12.36	202	687012	41.836	nq	99
79) Butylbenzylphthalate	12.99	149	339780	40.676	nq #	78
80) Benzo(a)anthracene	13.54	228	524556	40.416	nq	99
82) Chrysene	13.58	228	545340	43.030	nq	100
83) Bis(2-ethylhexyl)phthalate	13.56	149	455571	41.771	nq	98
84) Di-n-octyl phthalate	14.16	149	782922	39.117	nq #	93
85) Indeno(1,2,3-cd)pyrene	16.09	276	299705	27.579	nq	96
87) Benzo(b)fluoranthene	14.54	252	479744	142.933	nq	98
88) Benzo(k)fluoranthene	14.57	252	361708	113.091	nq #	95
89) Benzo(a)pyrene	14.84	252	319667	104.062	nq	97
90) Dibenzo(a,h)anthracene	16.09	278	316528	125.652	nq	95
91) Benzo(g,h,i)perylene	16.44	276	277327	104.981	nq	98

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



#1

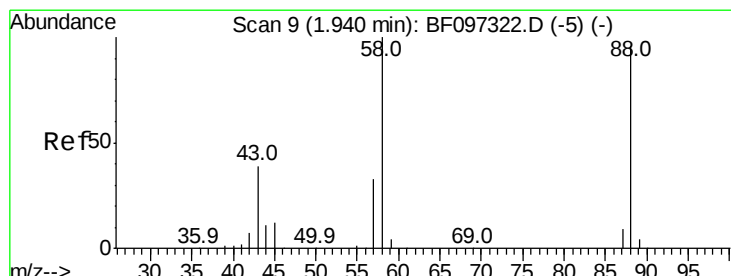
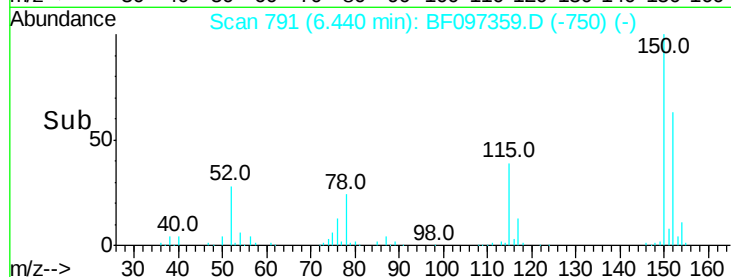
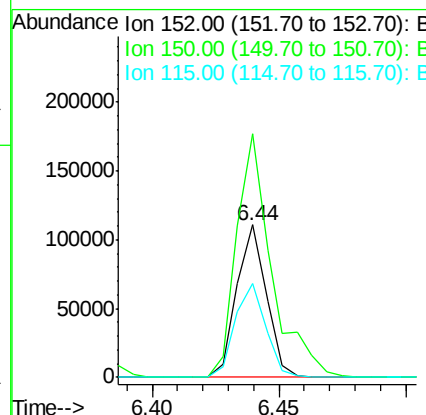
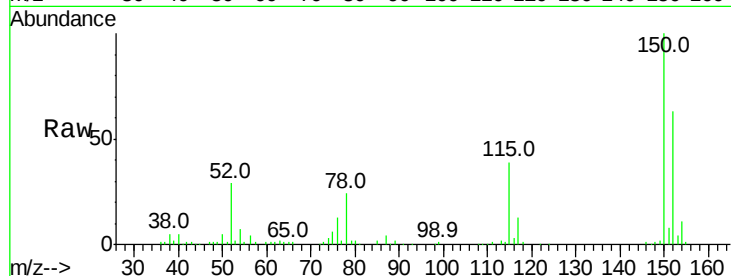
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.44 min Scan# 791
Delta R.T. -0.06 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Instrument :
BNA_F
ClientSampleId :
A4129MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.2	189.2
115	61.8	52.2	78.2

Manual Integrations
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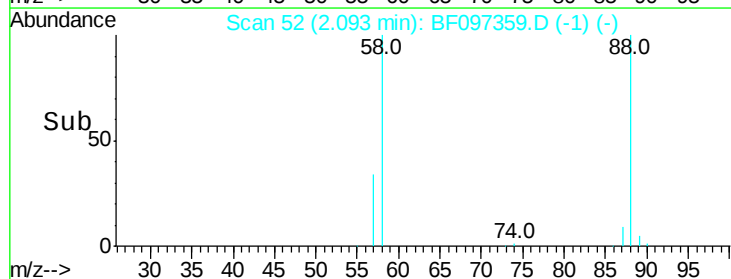
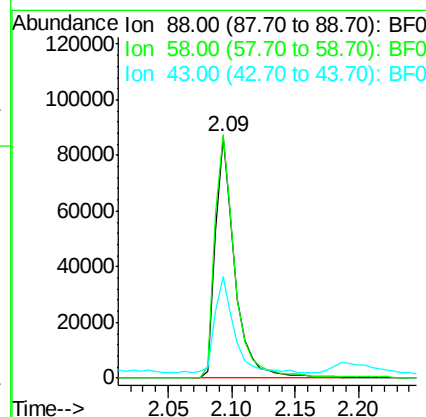
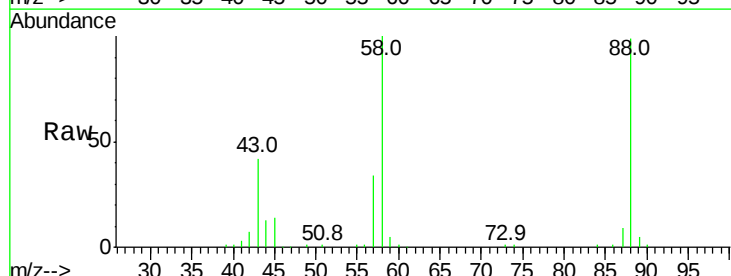
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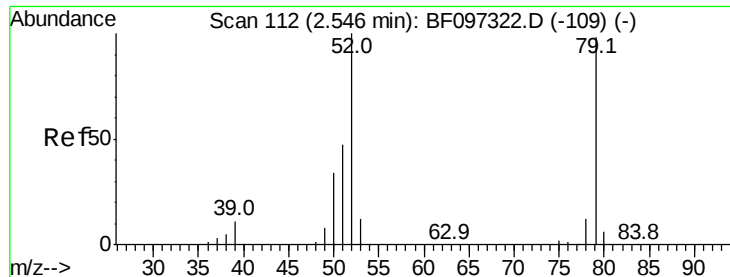


#2

1,4-Dioxane
Concen: 38.192 ng
RT: 2.09 min Scan# 52
Delta R.T. 0.05 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.9	61.4	92.0#
43	0.0	23.4	35.0#





#3

Pvridine

Concen: 18.810 ng/ml

RT: 2.70 min Scan# 155

Delta R.T. 0.04 min

Lab File: BF097359.D

Acq: 4 Aug 2017 16:48

Instrument :

BNA_F

ClientSampleId :

A4129MSD

Tot Ion: 79 Resp: 143287

Ion Ratio Lower Upper

79 100

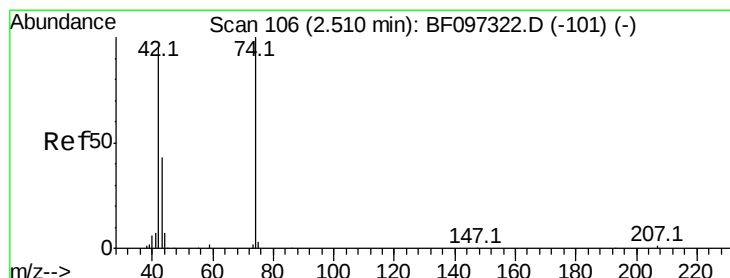
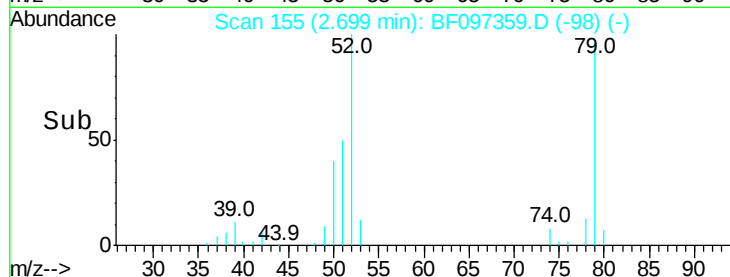
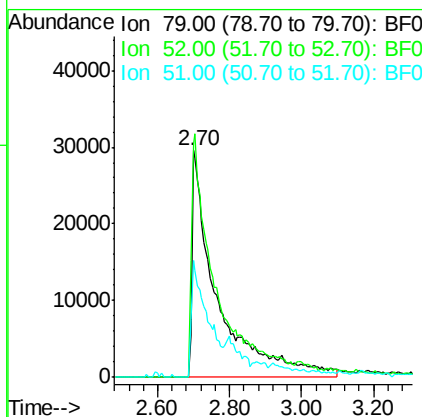
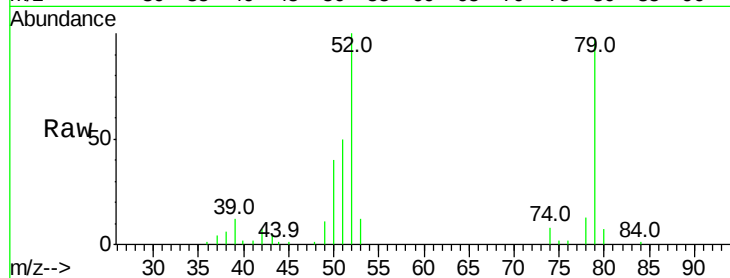
52 103.0 54.8 82.2#

51 51.5 27.0 40.4#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.367 ng/ml

RT: 2.62 min Scan# 141

Delta R.T. -0.01 min

Lab File: BF097359.D

Acq: 4 Aug 2017 16:48

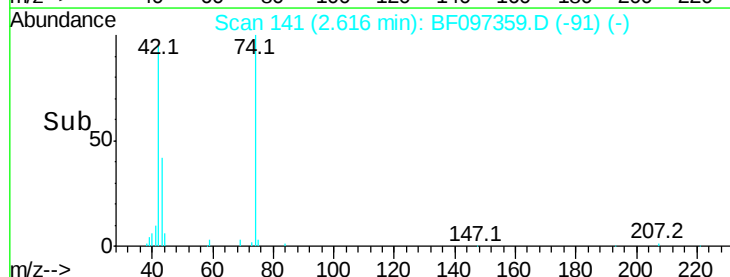
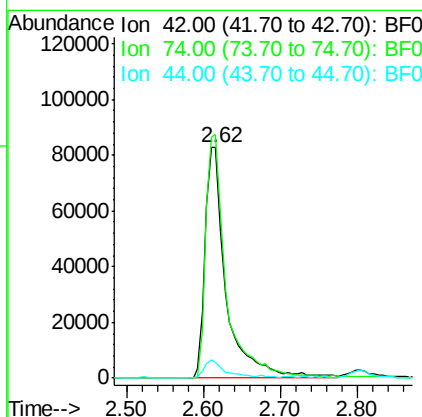
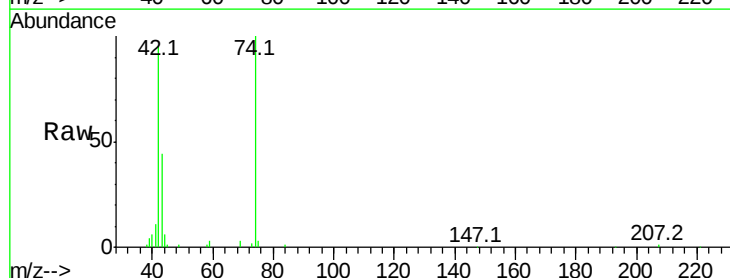
Tgt Ion: 42 Resp: 157693

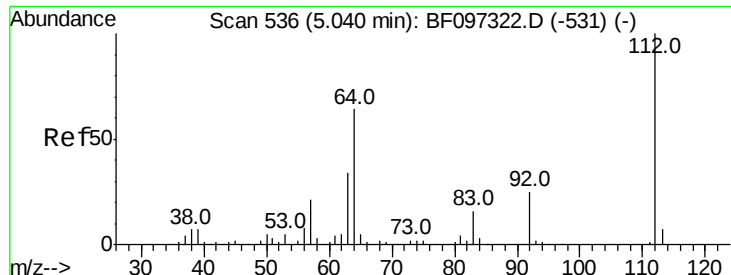
Ion Ratio Lower Upper

42 100

74 105.7 103.9 155.9

44 6.7 5.7 8.5





#5

2-Fluorophenol

Concen: 118.058 ng

RT: 5.06 min Scan# 556

Delta R.T. -0.04 min

Lab File: BF097359.D

Acq: 4 Aug 2017 16:48

Instrument :

BNA_F

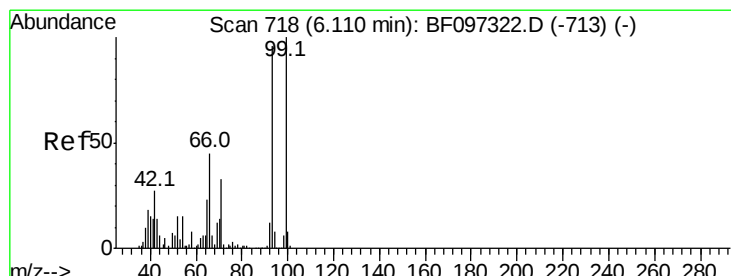
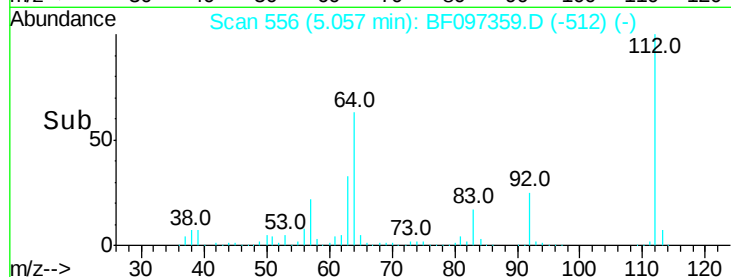
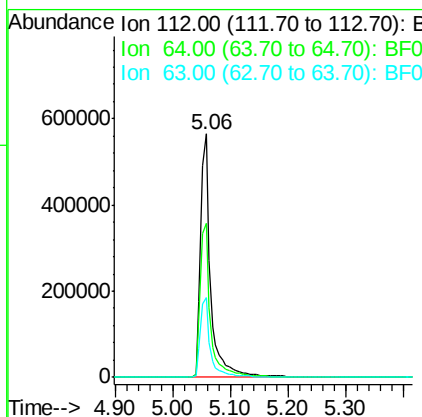
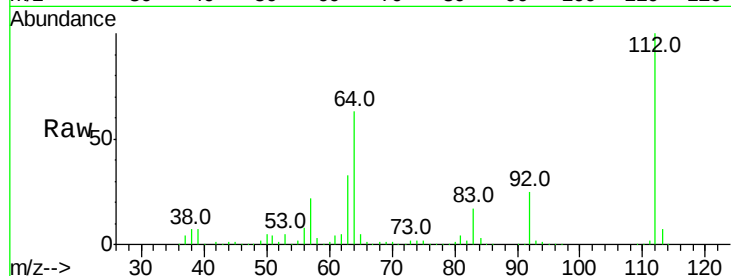
ClientSampleId :

A4129MSD

Tot Ion:	112	Resp:	703769
Ion Ratio	Lower	Upper	
112	100		
64	63.2	46.0	69.0
63	32.6	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 7.870 ng

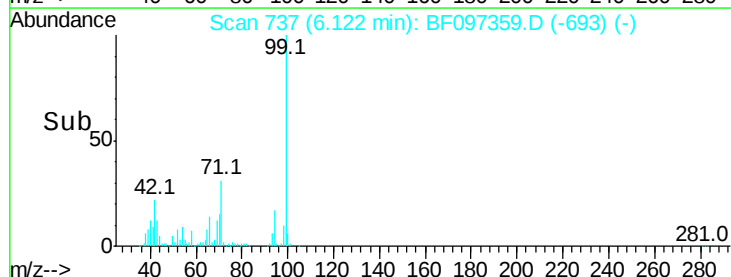
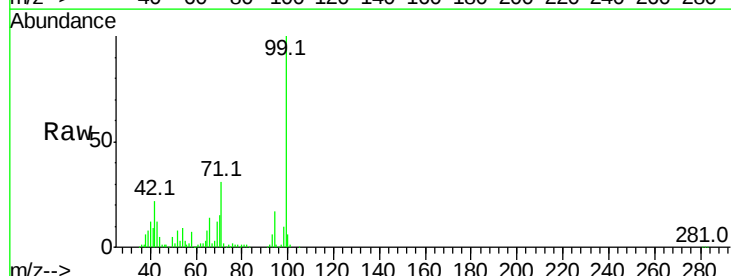
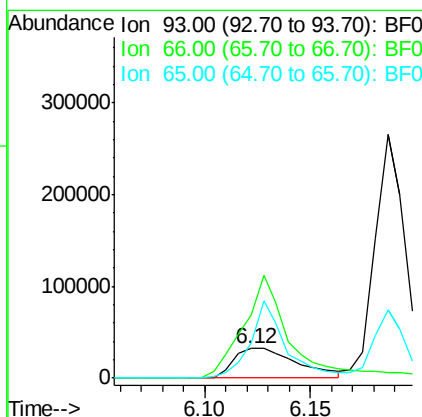
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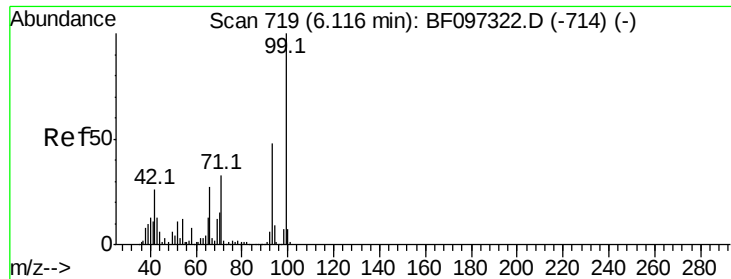
Delta R.T. -0.04 min

Lab File: BF097359.D

Acq: 4 Aug 2017 16:48

Tgt Ion:	93	Resp:	67400
Ion Ratio	Lower	Upper	
93	100		
66	213.6	32.9	49.3#
65	117.7	16.0	24.0#





#7

Phenol-d6

Concen: 118.447 ng

RT: 6.12 min Scan# 736

Delta R.T. -0.05 min

Lab File: BF097359.D

Acq: 4 Aug 2017 16:48

Instrument :

BNA_F

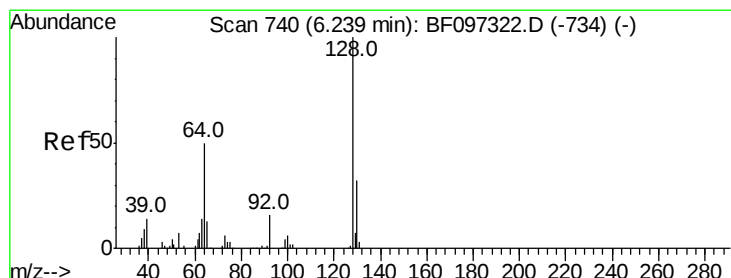
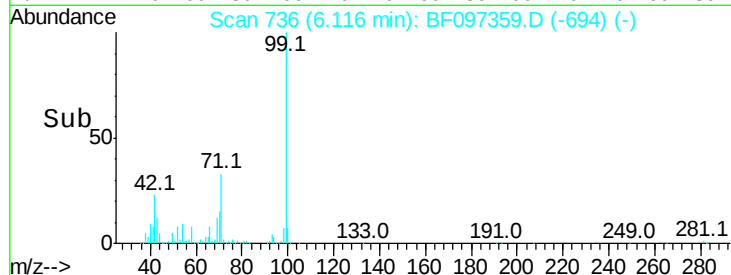
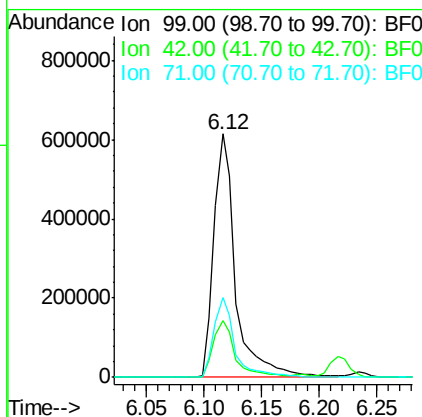
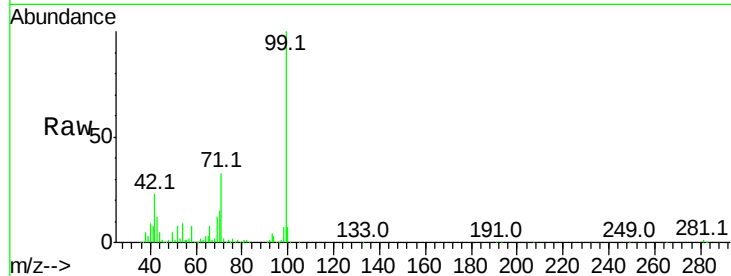
ClientSampleId :

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Tot Ion:	99	Resp:	806086
Ion Ratio	Lower	Upper	
99	100		
42	23.4	13.5	20.3#
71	32.9	24.5	36.7

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#8

2-Chlorophenol

Concen: 38.979 ng

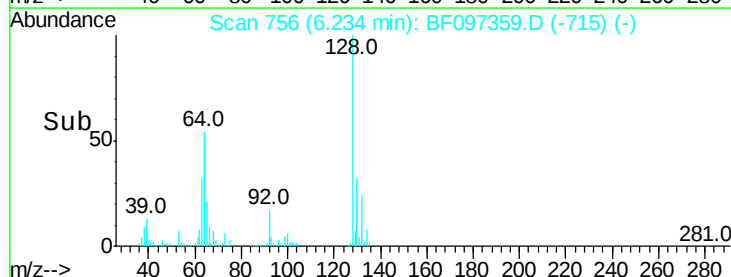
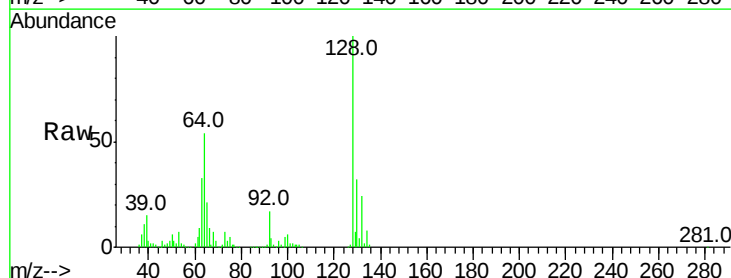
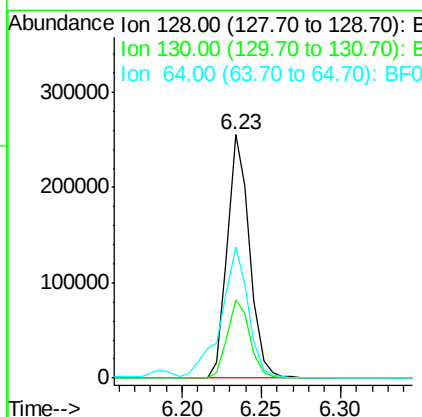
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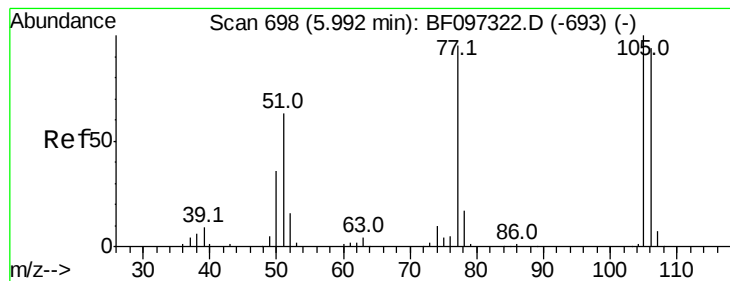
Delta R.T. -0.06 min

Lab File: BF097359.D

Acq: 4 Aug 2017 16:48

Tgt Ion:	128	Resp:	248464
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.9	52.9
64	54.0	28.4	68.4





#9

Benzaldehyde

Concen: 31.160 ng

RT: 5.99 min Scan# 714

Delta R.T. -0.06 min

Lab File: BF097359.D

Acq: 4 Aug 2017 16:48

Instrument :

BNA_F

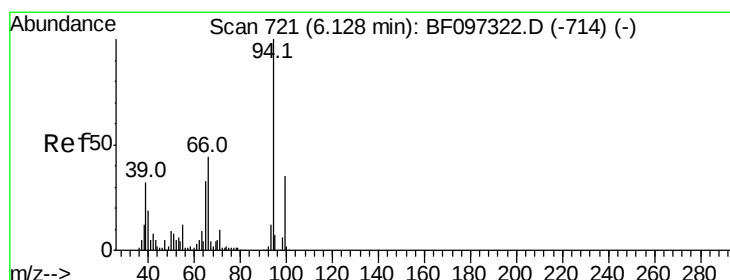
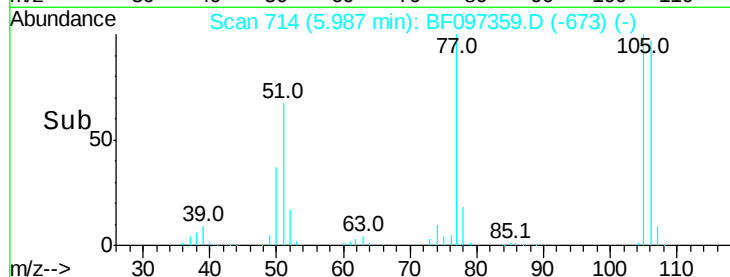
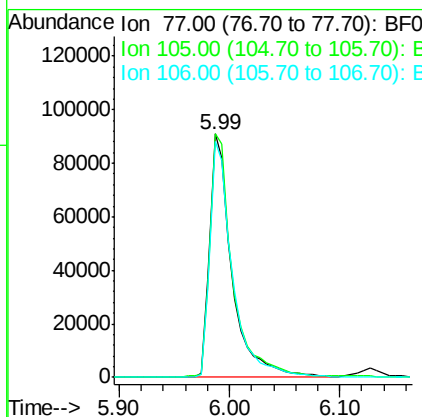
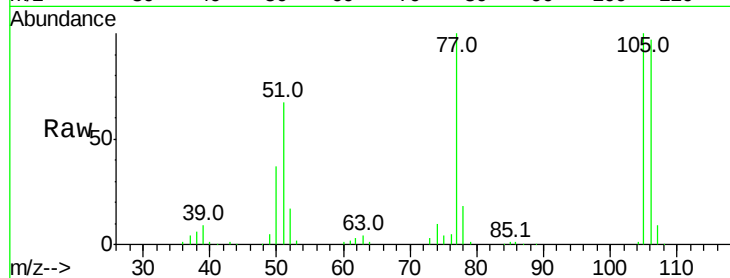
ClientSampleId :

A4129MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.1	83.8	123.8		
106	96.9	79.1	119.1		

Manual Integrations
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#10

Phenol

Concen: 33.686 ng

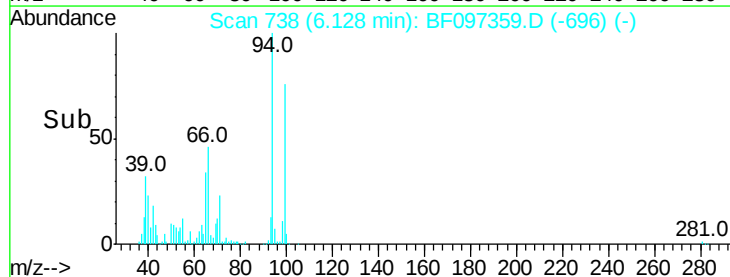
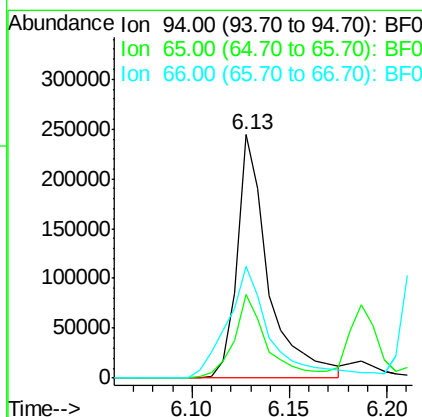
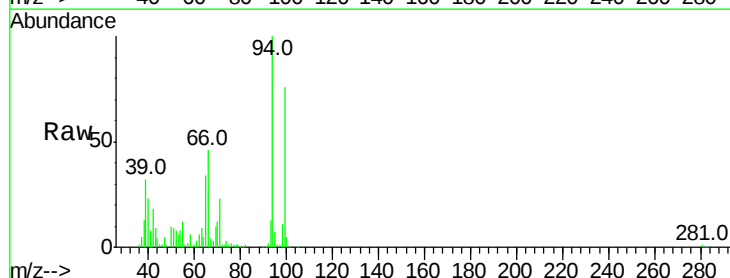
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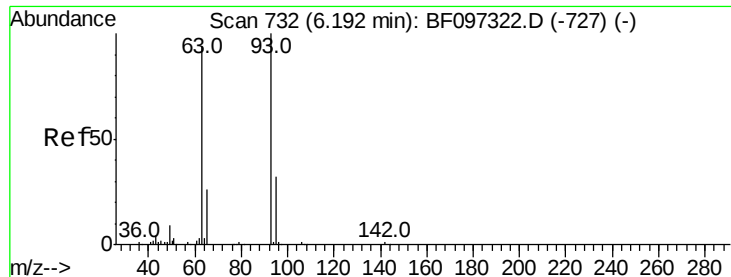
Delta R.T. -0.05 min

Lab File: BF097359.D

Acq: 4 Aug 2017 16:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	34.2	9.9	49.9		
66	46.0	23.1	63.1		





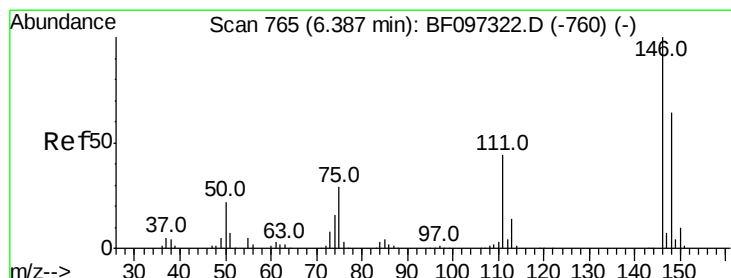
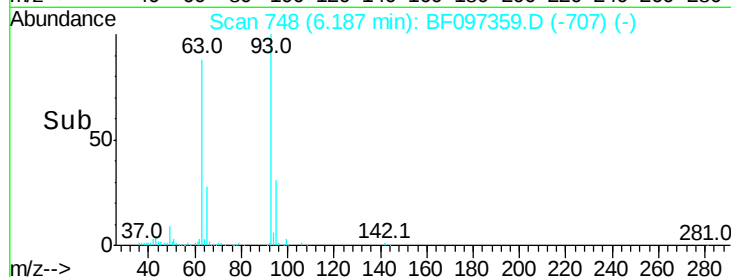
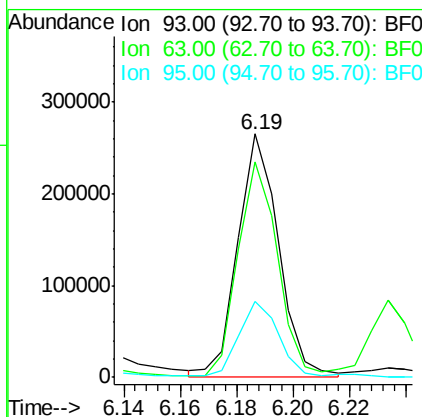
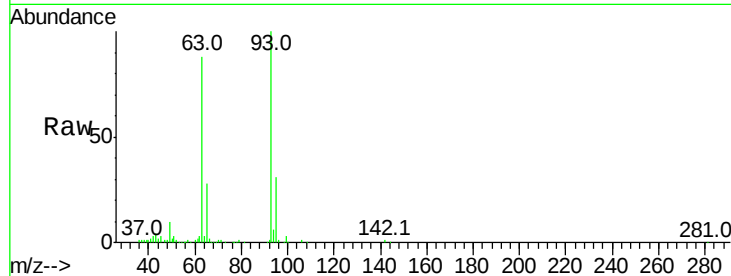
#11
bis(2-Chloroethyl)ether
Concen: 41.646 ng
RT: 6.19 min Scan# 748
Delta R.T. -0.06 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Instrument :
BNA_F
ClientSampleId :
A4129MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.4	59.2	99.2
95	31.1	12.8	52.8

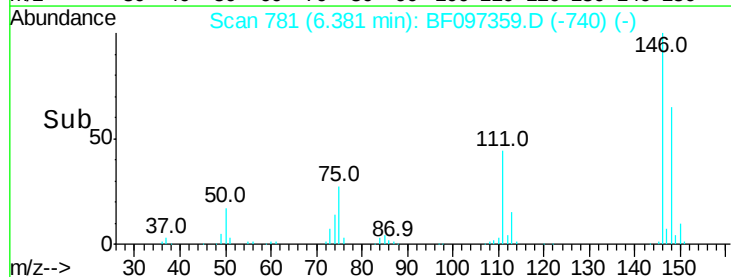
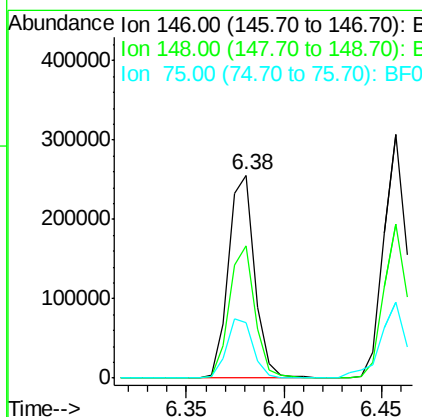
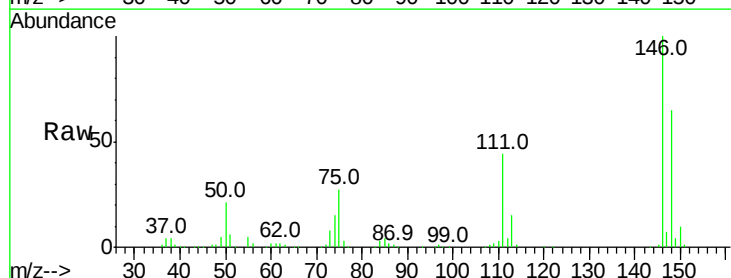
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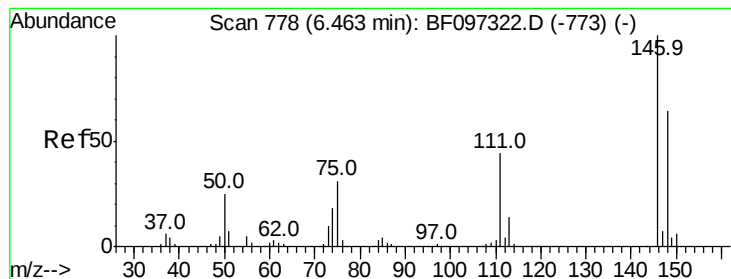
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#12
1,3-Dichlorobenzene
Concen: 34.906 ng
RT: 6.38 min Scan# 781
Delta R.T. -0.06 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.6
75	27.3	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 38.112 ng

RT: 6.46 min Scan# 794

Delta R.T. -0.06 min

Lab File: BF097359.D

Acq: 4 Aug 2017 16:48

Instrument :

BNA_F

ClientSampleId :

A4129MSD

Tot Ion:146 Resp: 259449

Ion Ratio Lower Upper

146 100

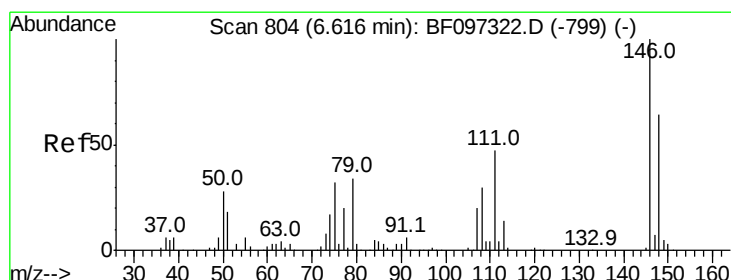
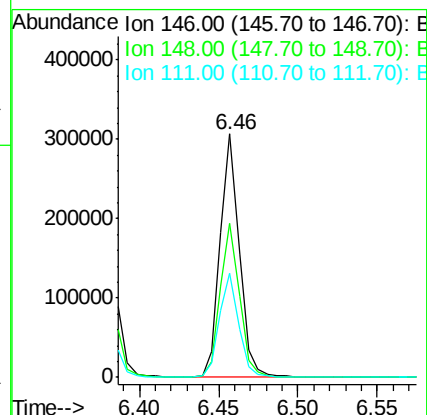
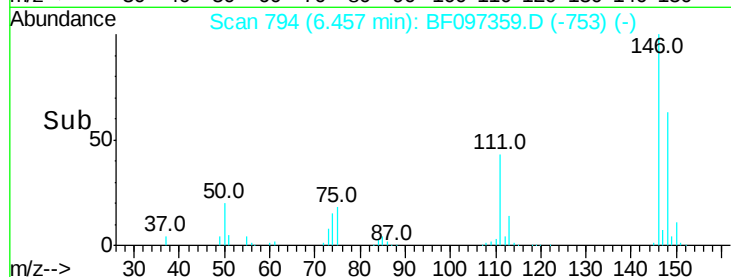
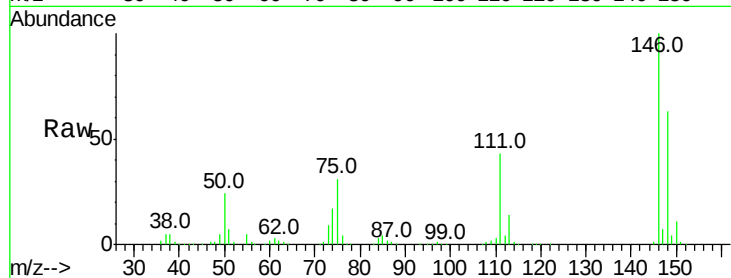
148 63.1 52.2 78.2

111 42.8 30.3 45.5

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.403 ng

RT: 6.61 min Scan# 820

Delta R.T. -0.06 min

Lab File: BF097359.D

Acq: 4 Aug 2017 16:48

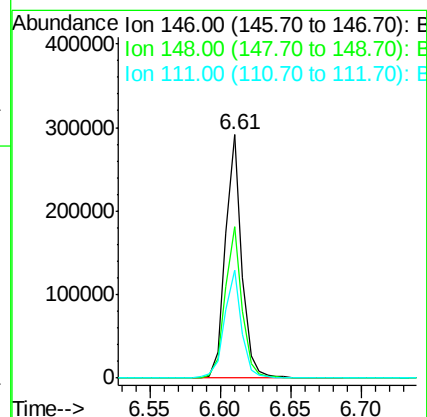
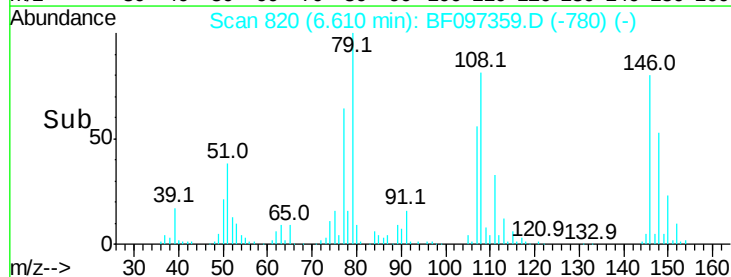
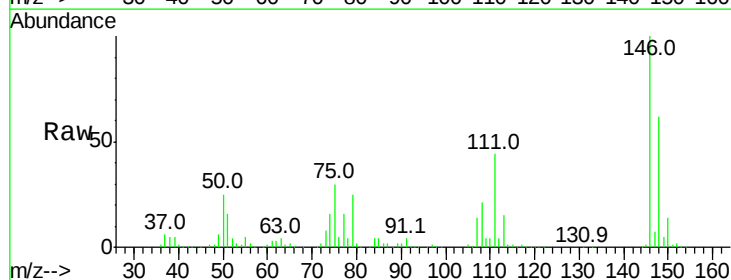
Tgt Ion:146 Resp: 234209

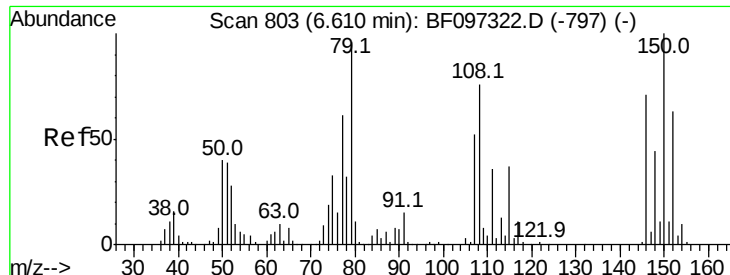
Ion Ratio Lower Upper

146 100

148 62.2 50.4 75.6

111 44.3 38.2 57.4





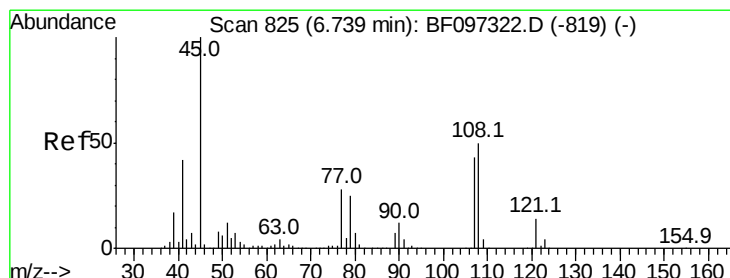
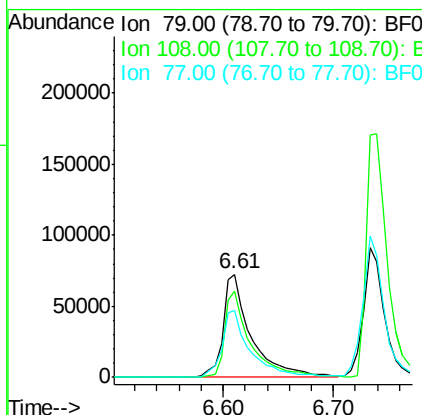
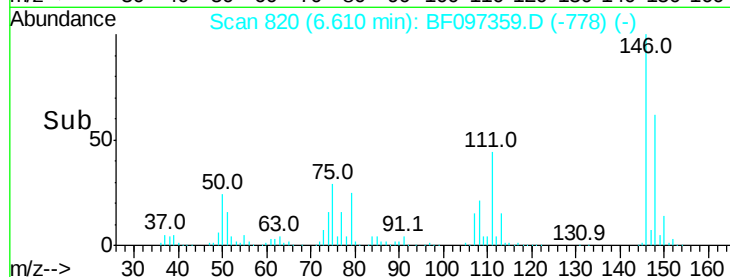
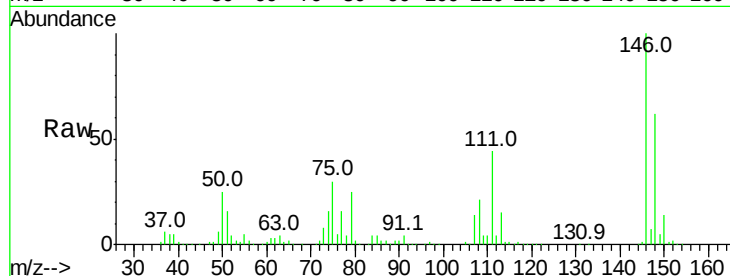
#15
Benzyl Alcohol
Concen: 30.114 ng
RT: 6.61 min Scan# 820
Delta R.T. -0.05 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Instrument :
BNA_F
ClientSampled :
A4129MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.3	63.4	95.0
77	64.4	49.2	73.8

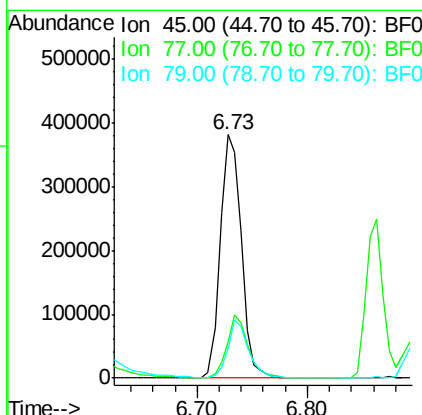
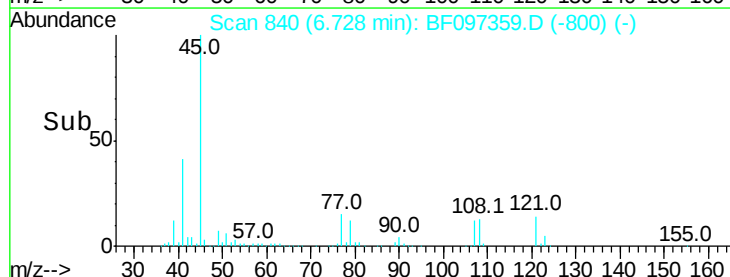
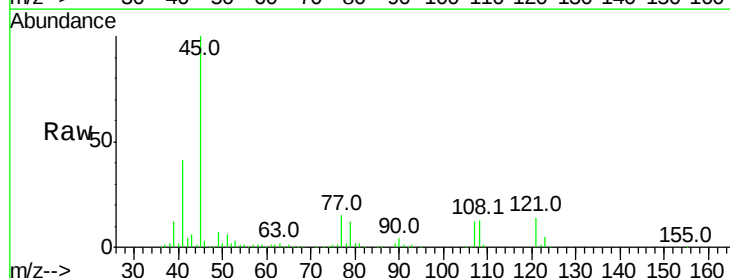
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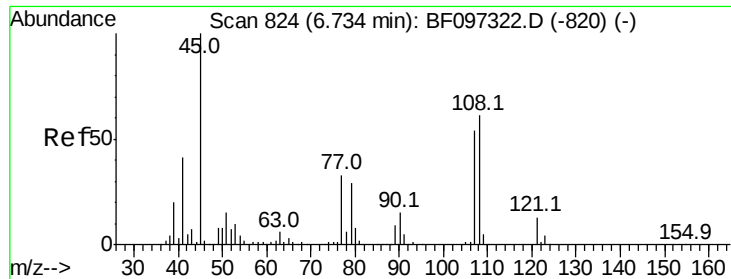
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.571 ng
RT: 6.73 min Scan# 840
Delta R.T. -0.06 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	33.2
79	12.3	0.0	30.0





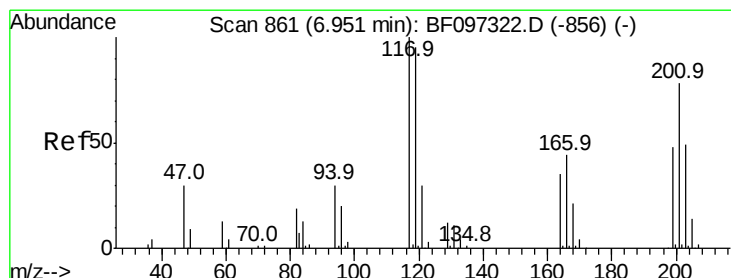
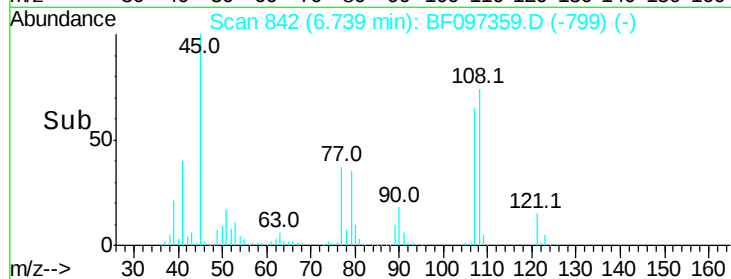
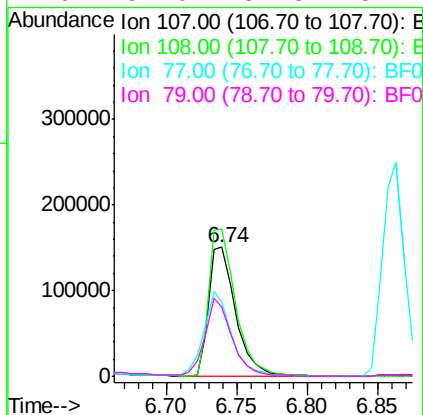
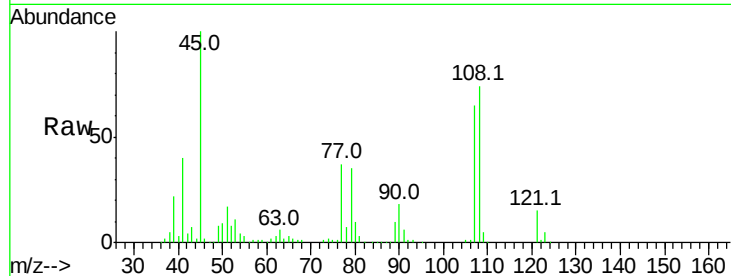
#17
2-Methylphenol
Concen: 40.890 ng
RT: 6.74 min Scan# 842
Delta R.T. -0.05 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Instrument :
BNA_F
ClientSampled :
A4129MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	93.4	140.0	
77	57.4	35.8	53.6#	
79	54.0	34.8	52.2#	

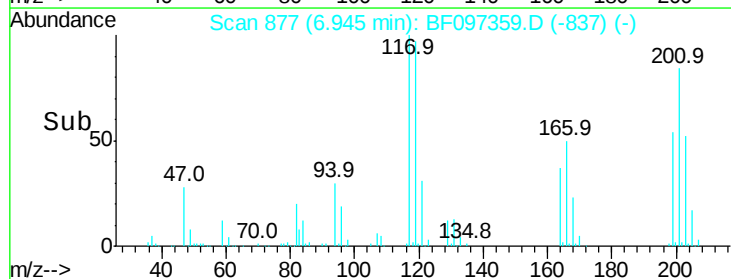
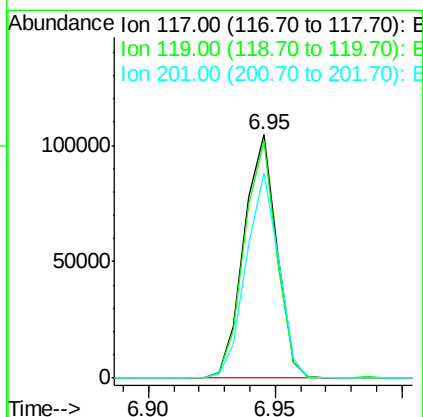
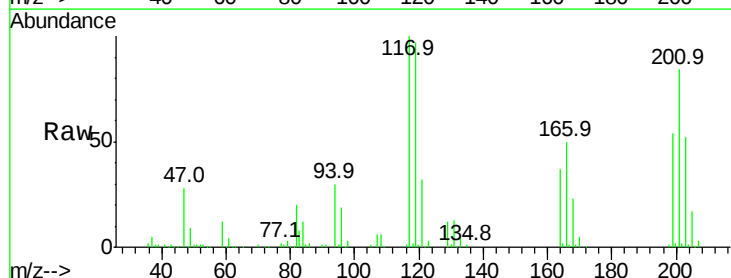
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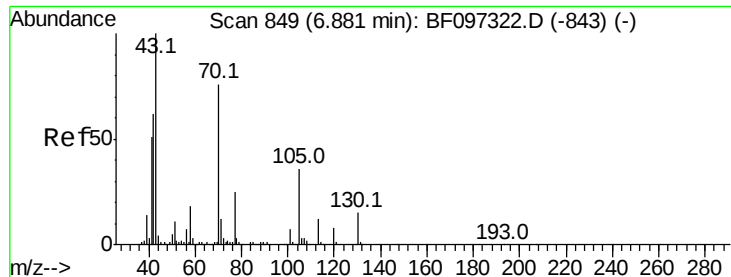
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#18
Hexachloroethane
Concen: 37.823 ng
RT: 6.95 min Scan# 877
Delta R.T. -0.06 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	77.4	116.0	
201	84.1	94.6	141.8#	





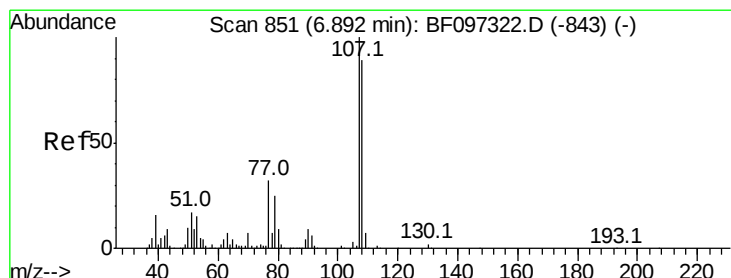
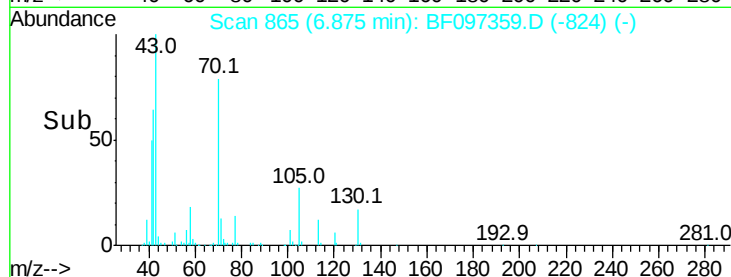
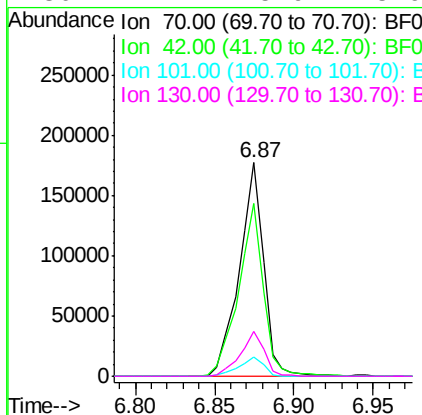
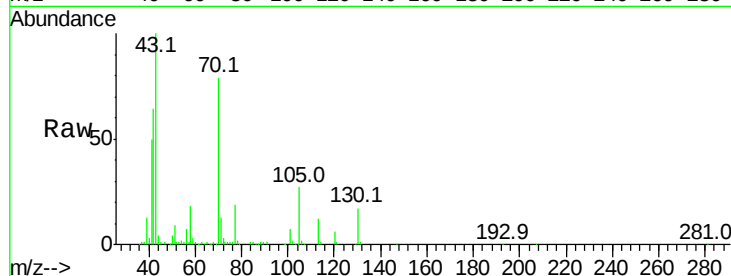
#19
n-Nitroso-di-n-propylamine
Concen: 42.237 ng
RT: 6.87 min Scan# 865
Delta R.T. -0.06 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Instrument :
BNA_F
ClientSampled :
A4129MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	80.9	47.2	70.8#
101	9.0	7.2	10.8
130	21.1	15.9	23.9

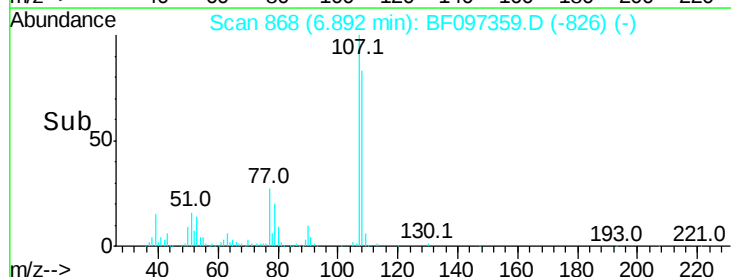
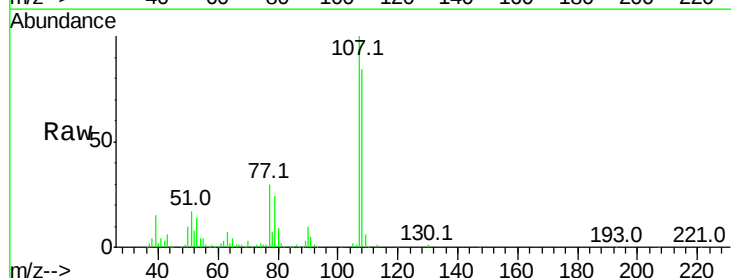
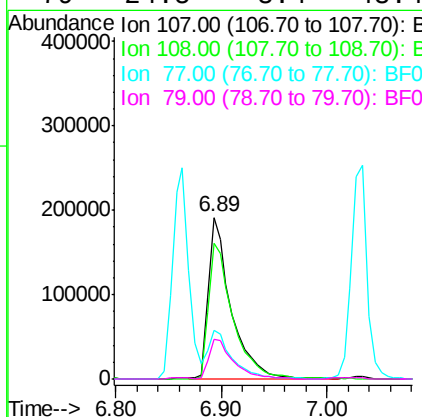
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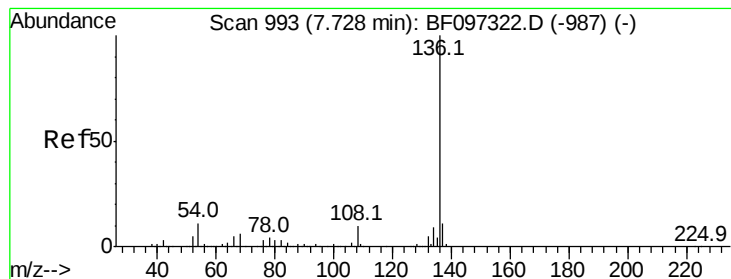
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#20
3+4-Methylphenols
Concen: 43.932 ng
RT: 6.89 min Scan# 868
Delta R.T. -0.05 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.4	71.0	111.0
77	30.1	90.5	130.5#
79	24.5	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.72 min Scan# 1009

Delta R.T. -0.06 min

Lab File: BF097359.D

Acq: 4 Aug 2017 16:48

Instrument :

BNA_F

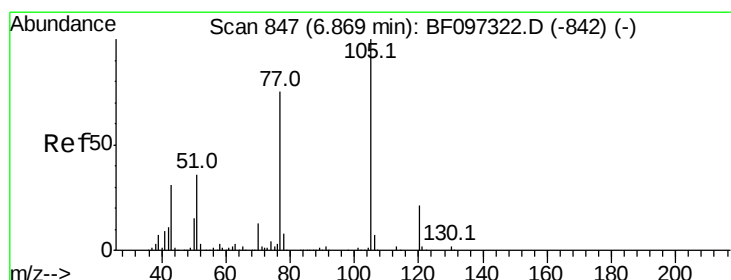
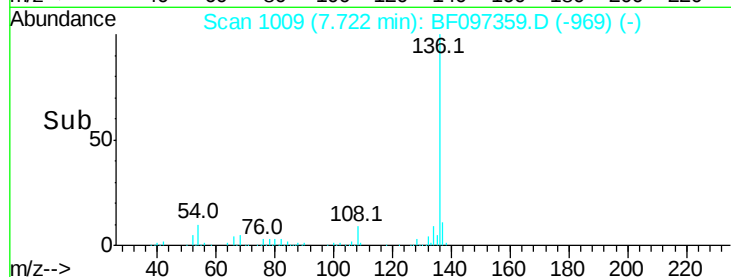
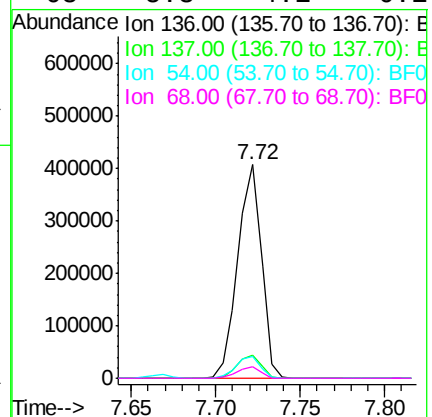
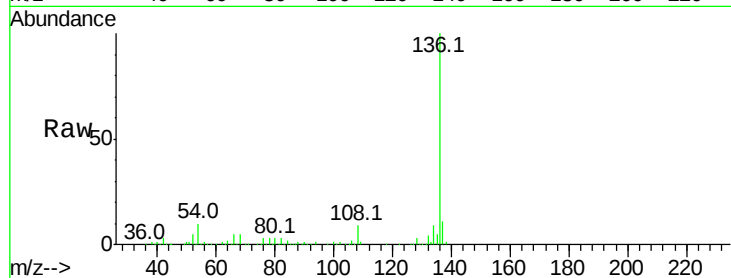
ClientSampleId :

A4129MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	397583		
137	10.9		8.5	12.7
54	10.3		4.9	7.3#
68	5.3		4.1	6.1

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#22

Acetophenone

Concen: 38.714 ng

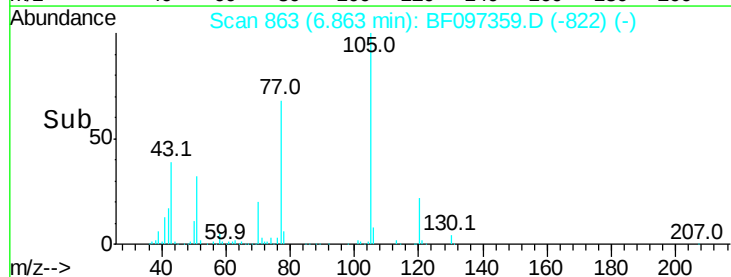
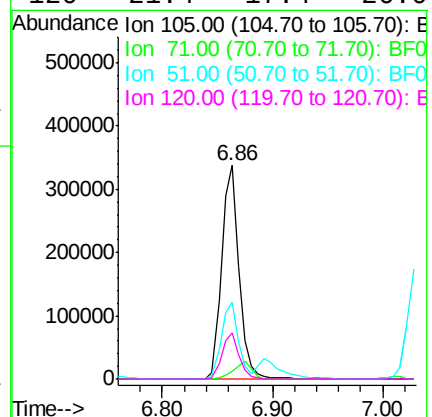
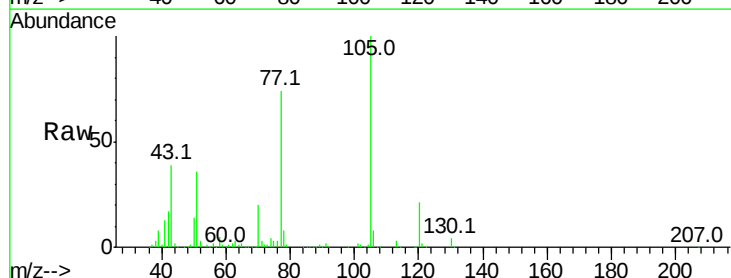
RT: 6.86 min Scan# 863

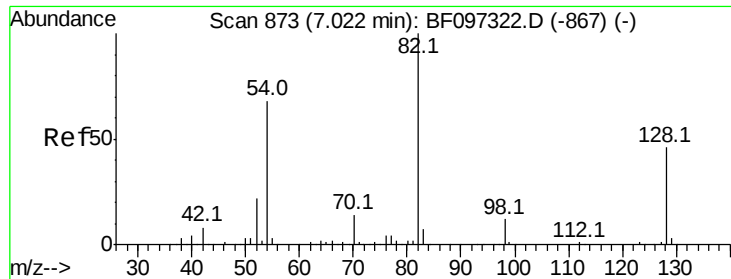
Delta R.T. -0.06 min

Lab File: BF097359.D

Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	369632		
71	3.5		2.8	4.2
51	35.9		30.7	46.1
120	21.4		17.4	26.0





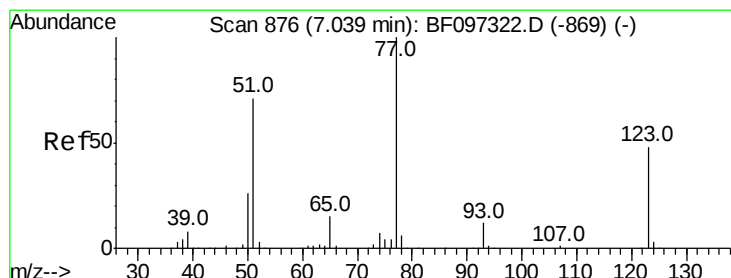
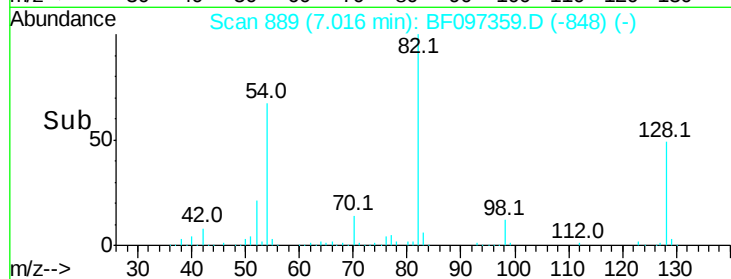
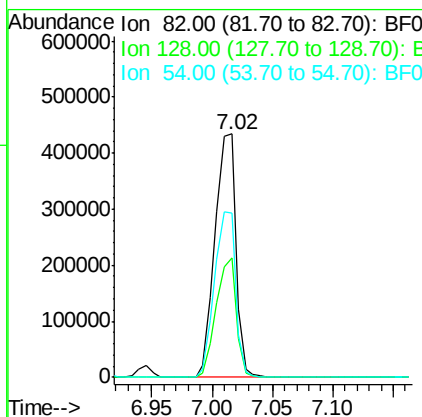
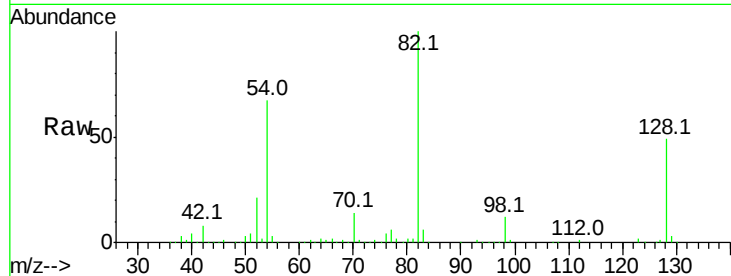
#23
 Nitrobenzene-d5
 Concen: 76.525 ng
 RT: 7.02 min Scan# 889
 Delta R.T. -0.06 min
 Lab File: BF097359.D
 Acq: 4 Aug 2017 16:48

Instrument :
 BNA_F
 ClientSampled :
 A4129MSD

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	48.8	34.0	51.0
54	67.3	42.2	63.2

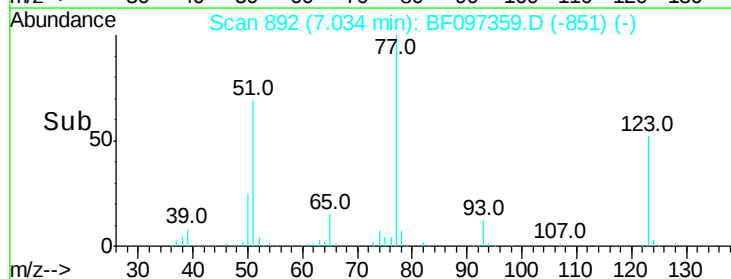
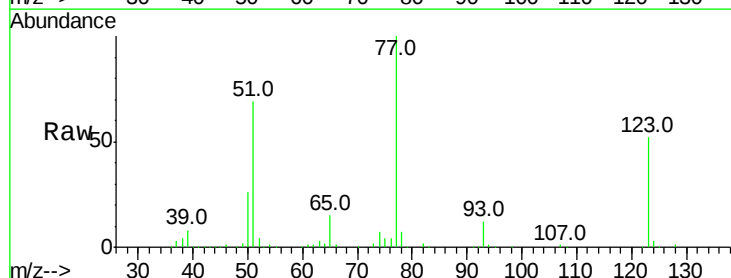
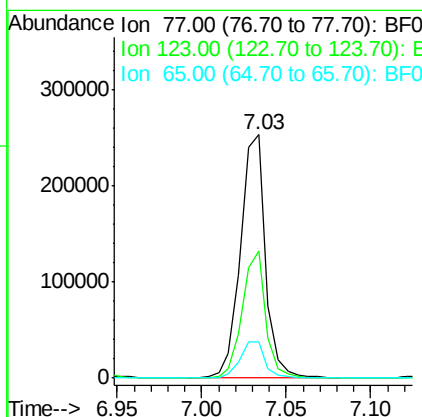
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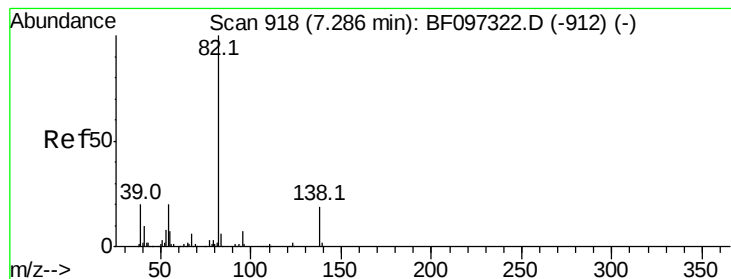
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#24
 Nitrobenzene
 Concen: 36.996 ng
 RT: 7.03 min Scan# 892
 Delta R.T. -0.06 min
 Lab File: BF097359.D
 Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	52.0	35.8	53.8
65	14.8	10.6	15.8





#25

Isophorone

Concen: 40.317 ng

RT: 7.27 min Scan# 933

Delta R.T. -0.06 min

Lab File: BF097359.D

Acq: 4 Aug 2017 16:48

Instrument :

BNA_F

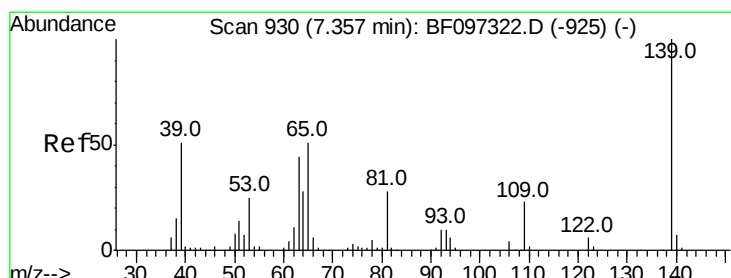
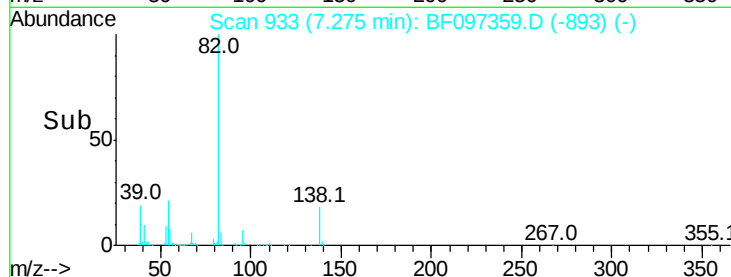
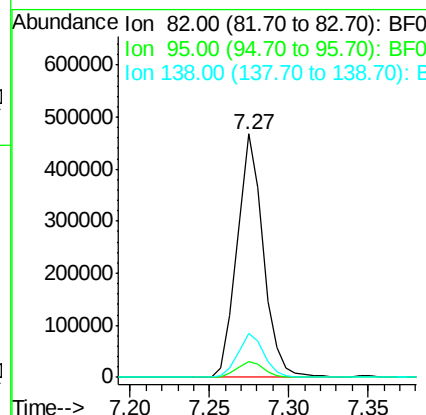
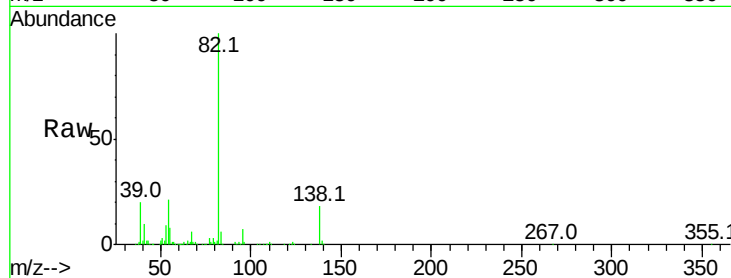
ClientSampleId :

A4129MSD

Tot Ion	82	Resp	535109
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	17.9	13.1	19.7

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#26

2-Nitrophenol

Concen: 41.293 ng

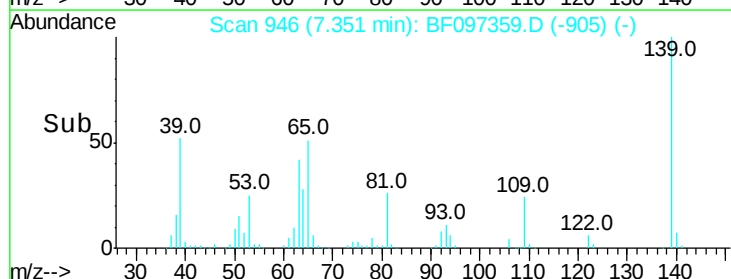
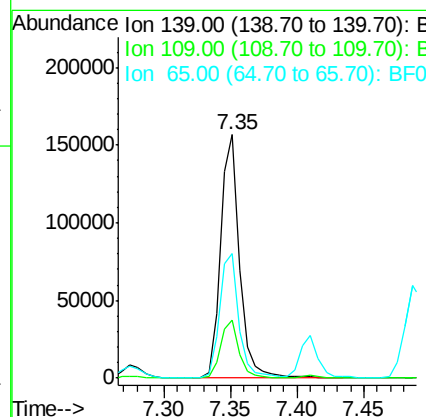
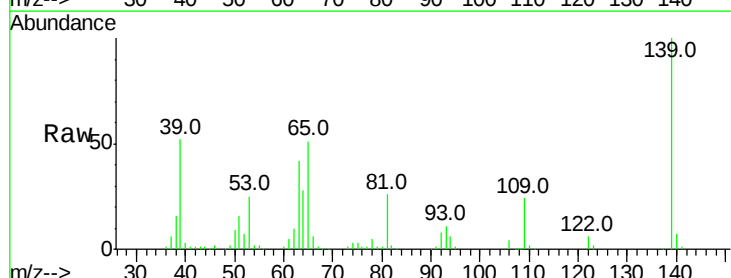
RT: 7.35 min Scan# 946

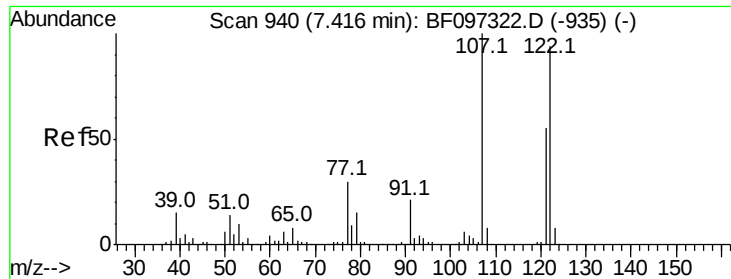
Delta R.T. -0.06 min

Lab File: BF097359.D

Acq: 4 Aug 2017 16:48

Tgt Ion	139	Resp	157687
Ion Ratio	Lower	Upper	
139	100		
109	23.8	21.0	31.6
65	51.2	33.0	49.6#





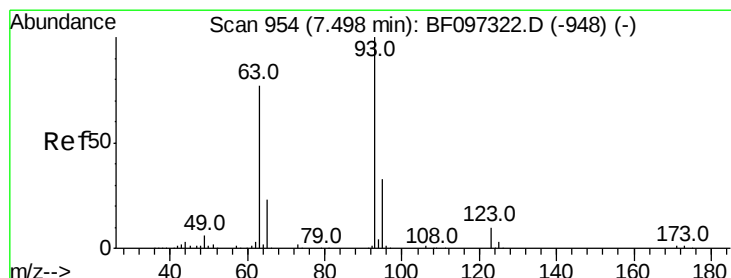
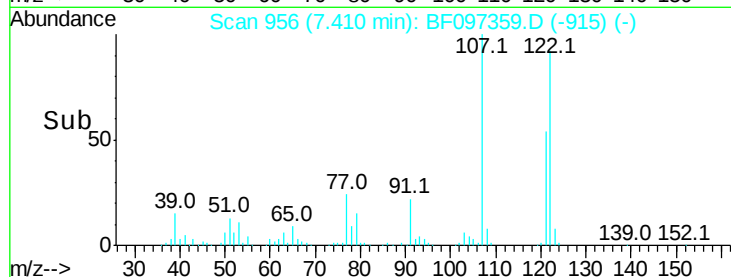
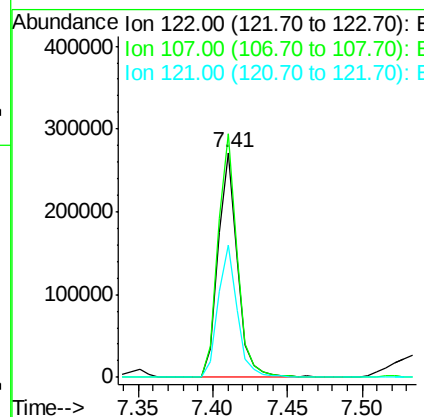
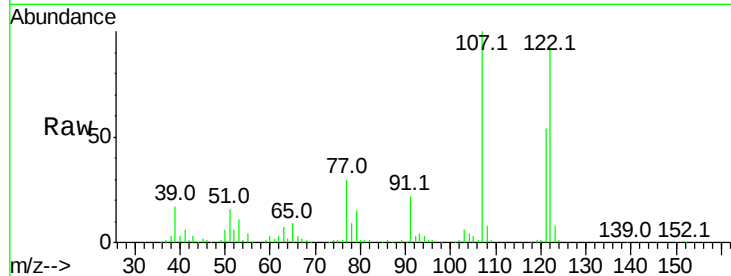
#27
2,4-Dimethylphenol
Concen: 39.031 ng
RT: 7.41 min Scan# 956
Delta R.T. -0.06 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Instrument :
BNA_F
ClientSampleId :
A4129MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	245867		
107	108.2	89.2	133.8	
121	58.6	45.2	67.8	

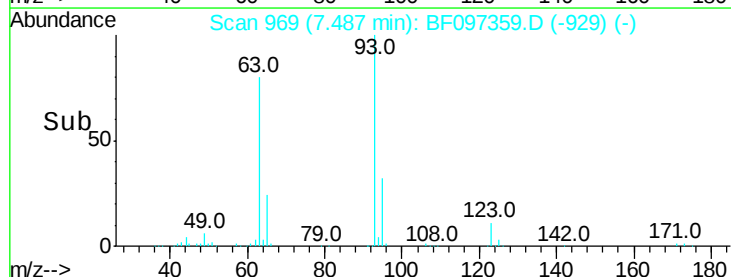
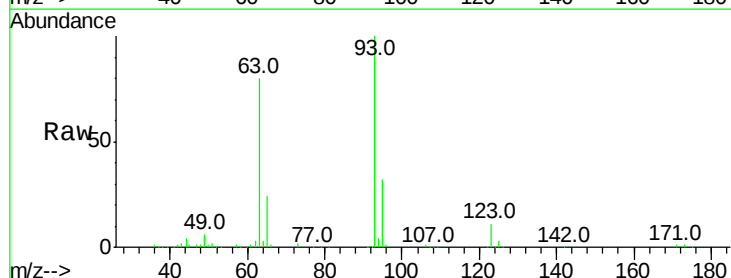
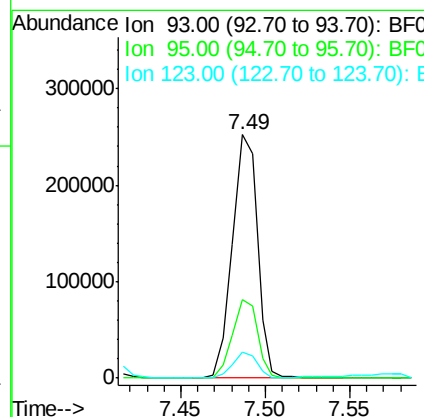
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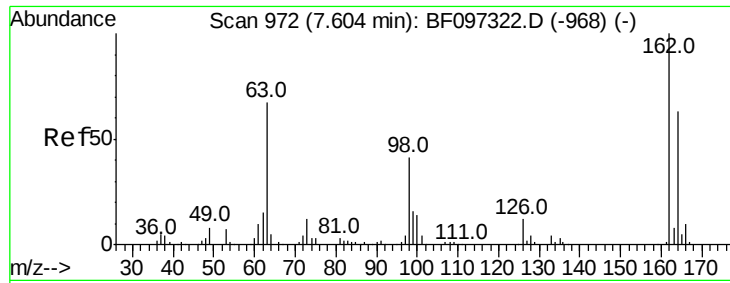
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#28
bis(2-Chloroethoxy)methane
Concen: 30.232 ng
RT: 7.49 min Scan# 969
Delta R.T. -0.06 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	261852		
95	32.2	26.5	39.7	
123	10.5	9.0	13.4	





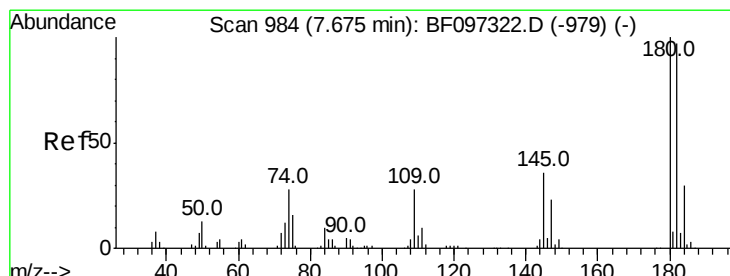
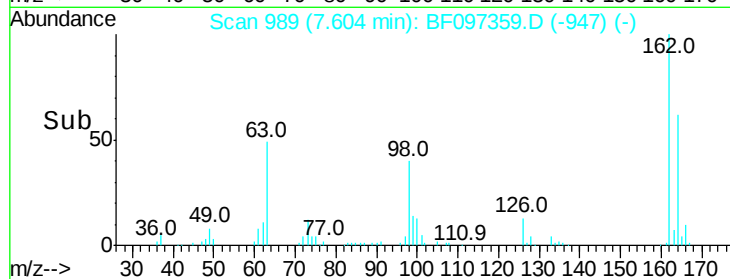
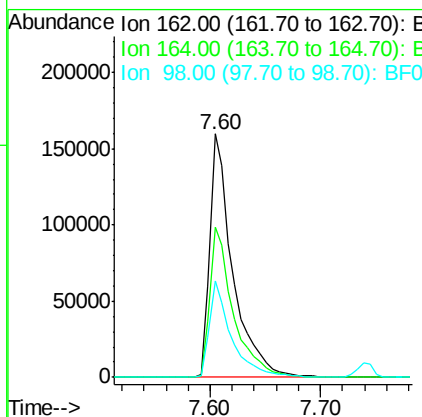
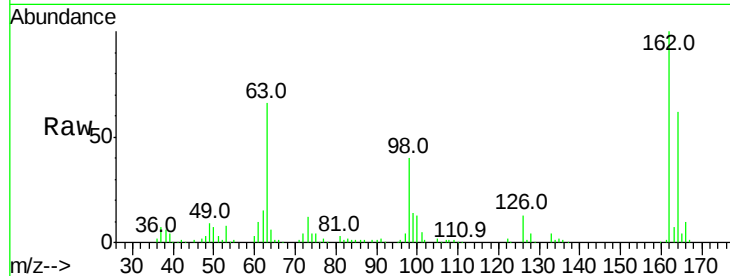
#29
 2,4-Dichlorophenol
 Concen: 41.558 ng
 RT: 7.60 min Scan# 989
 Delta R.T. -0.05 min
 Lab File: BF097359.D
 Acq: 4 Aug 2017 16:48

Instrument :
 BNA_F
 ClientSampleId :
 A4129MSD

Tot Ion:	162	Resp:	225526
Ion Ratio	Lower	Upper	
162	100		
164	61.6	44.6	84.6
98	39.5	14.8	54.8

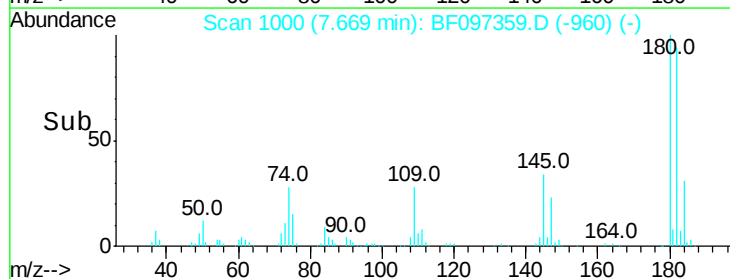
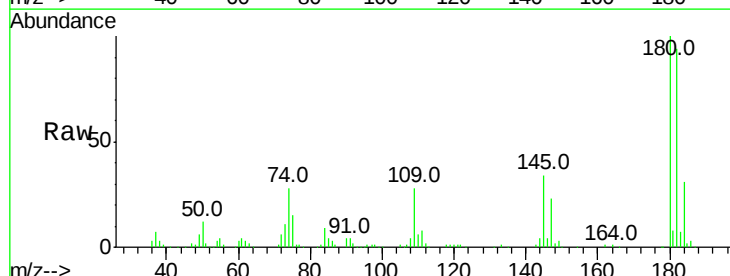
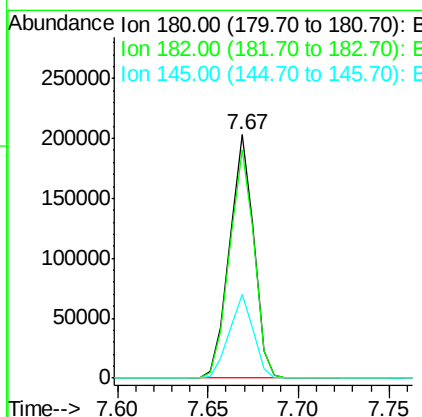
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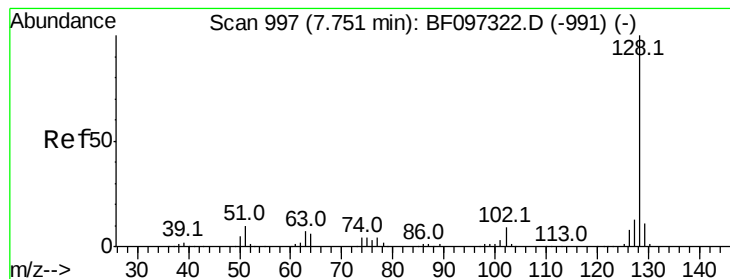
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.597 ng
 RT: 7.67 min Scan# 1000
 Delta R.T. -0.06 min
 Lab File: BF097359.D
 Acq: 4 Aug 2017 16:48

Tgt Ion:	180	Resp:	189303
Ion Ratio	Lower	Upper	
180	100		
182	93.5	75.8	113.6
145	34.5	25.3	37.9





#31

Naphthalene

Concen: 38.192 ng

RT: 7.75 min Scan# 1013

Delta R.T. -0.06 min

Lab File: BF097359.D

Acq: 4 Aug 2017 16:48

Instrument :

BNA_F

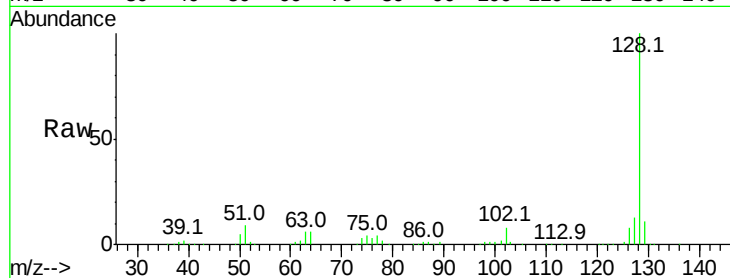
ClientSampleId :

A4129MSD

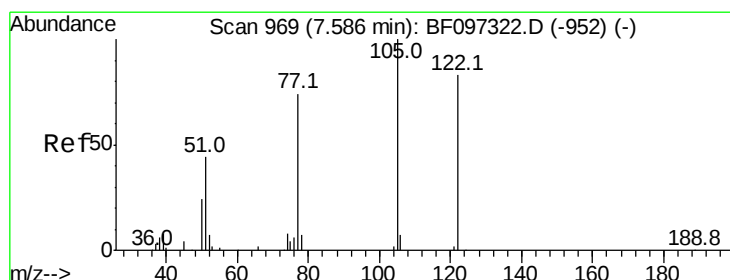
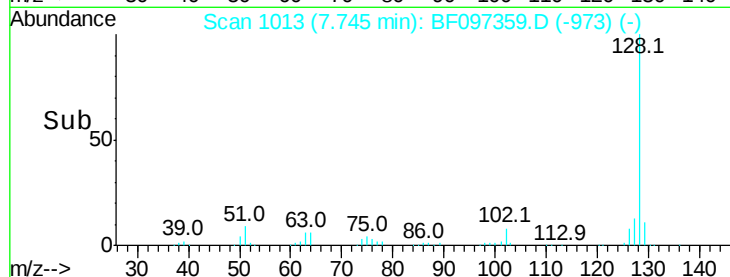
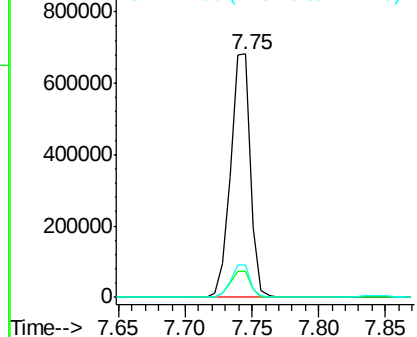
Tot Ion:	128	Resp:	715785
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.0	13.6
127	13.4	10.8	16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.728 ng

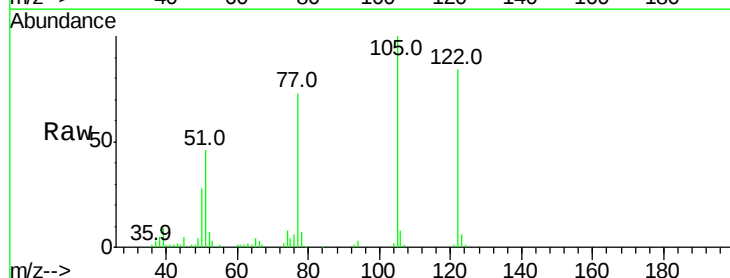
RT: 7.58 min Scan# 985

Delta R.T. -0.05 min

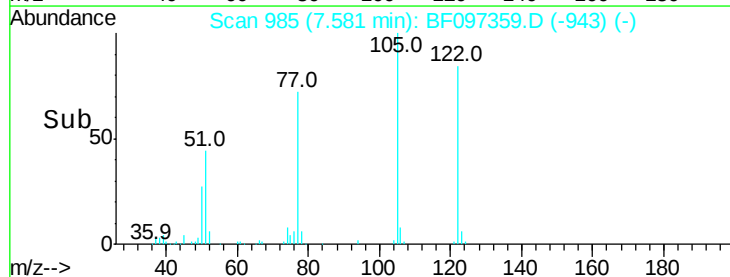
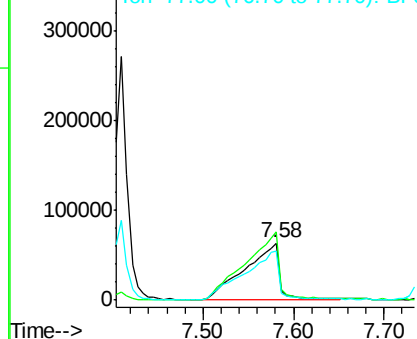
Lab File: BF097359.D

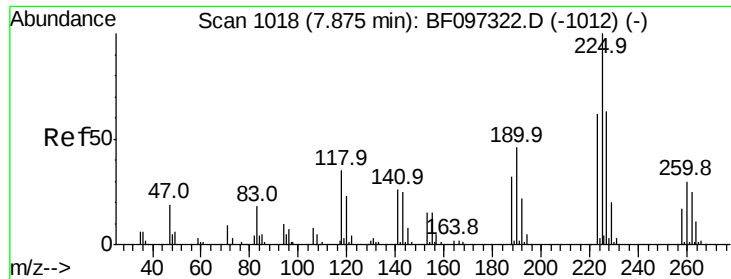
Acq: 4 Aug 2017 16:48

Tgt Ion:	122	Resp:	168057
Ion Ratio	Lower	Upper	
122	100		
105	118.4	103.3	143.3
77	85.9	73.7	113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





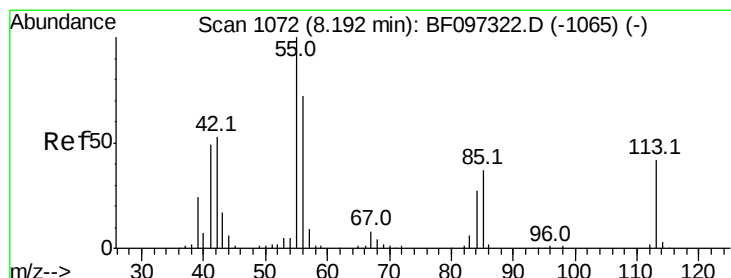
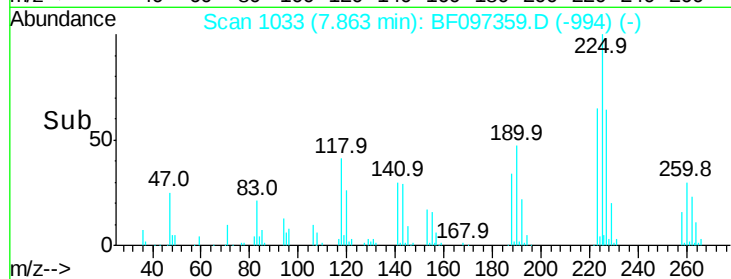
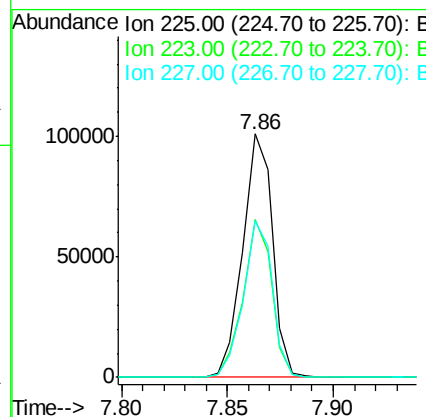
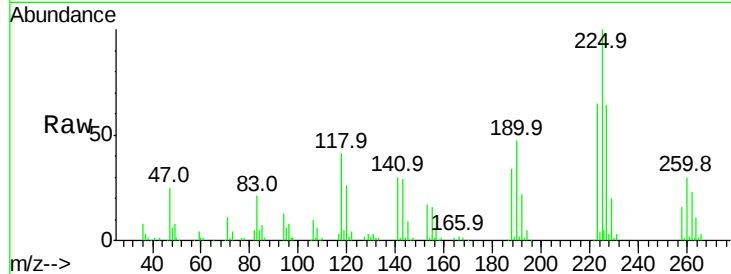
#34
Hexachlorobutadiene
Concen: 35.916 ng
RT: 7.86 min Scan# 1033
Delta R.T. -0.07 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Instrument :
BNA_F
ClientSampled :
A4129MSD

Tot Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.0	48.8	73.2	
227	64.4	51.1	76.7	

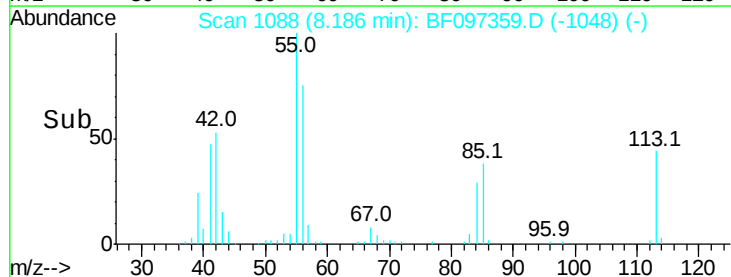
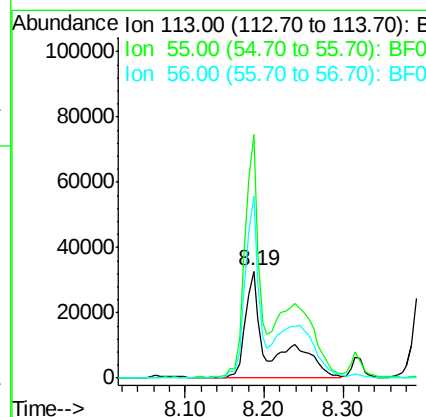
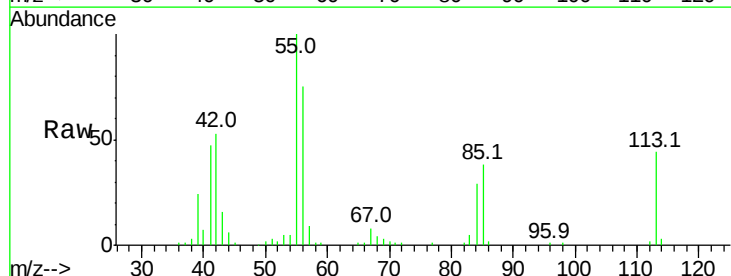
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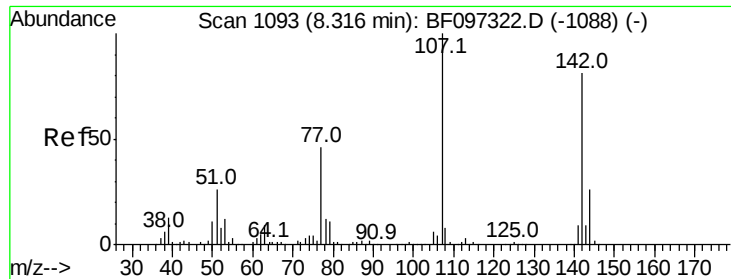
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#35
Caprolactam
Concen: 40.748 ng m
RT: 8.19 min Scan# 1088
Delta R.T. -0.06 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	228.2	150.2	190.2#	
56	170.6	107.8	147.8#	





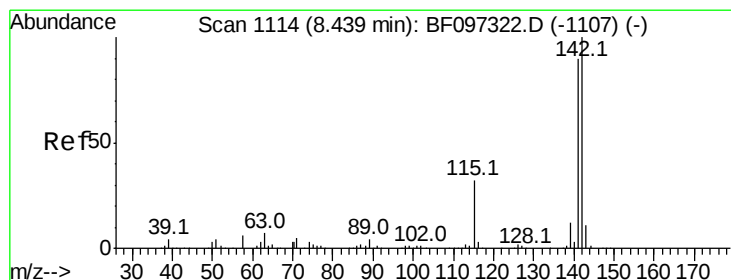
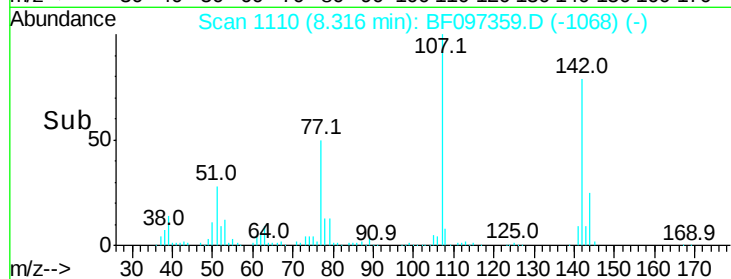
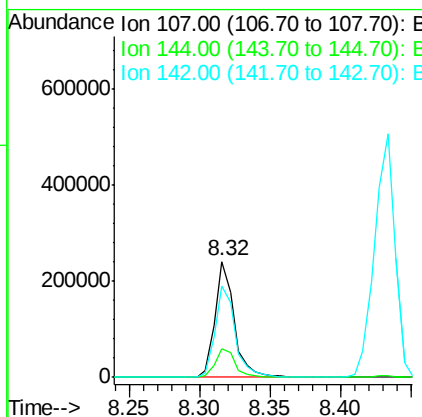
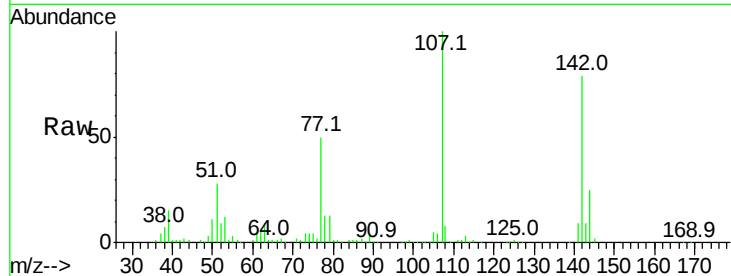
#36
 4-Chloro-3-methylphenol
 Concen: 38.716 ng
 RT: 8.32 min Scan# 1110
 Delta R.T. -0.05 min
 Lab File: BF097359.D
 Acq: 4 Aug 2017 16:48

Instrument :
 BNA_F
 ClientSampled :
 A4129MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	229217		
144	25.2	24.2	36.4	
142	78.6	73.4	110.0	

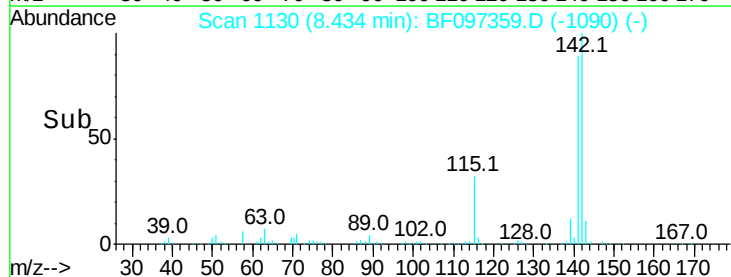
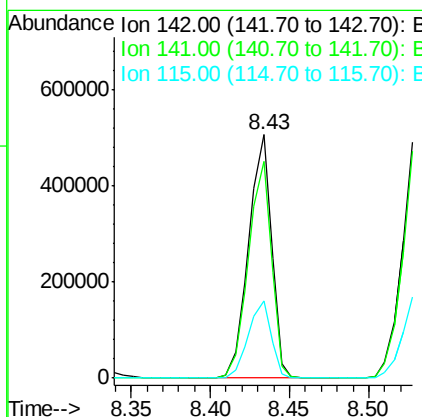
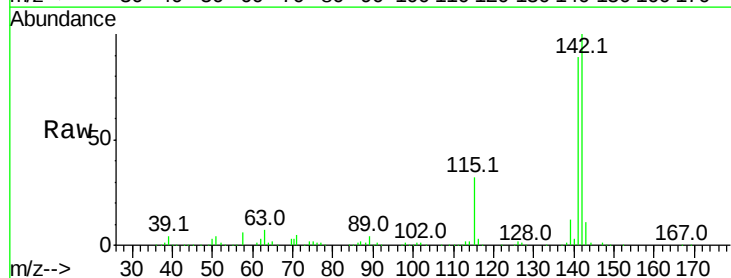
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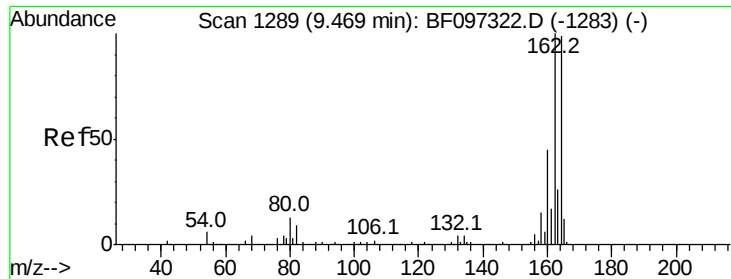
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#37
 2-Methylnaphthalene
 Concen: 43.123 ng
 RT: 8.43 min Scan# 1130
 Delta R.T. -0.06 min
 Lab File: BF097359.D
 Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	511705		
141	89.2	71.3	106.9	
115	31.8	27.1	40.7	





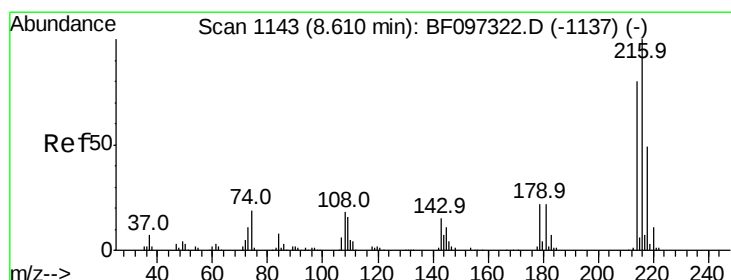
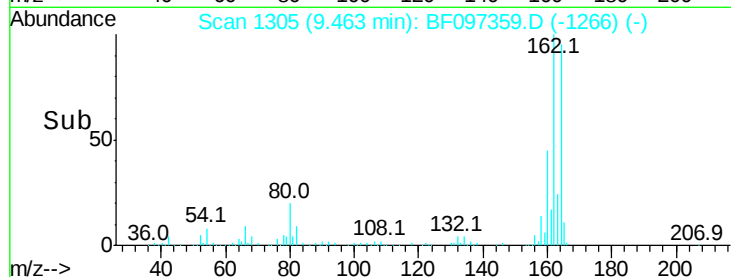
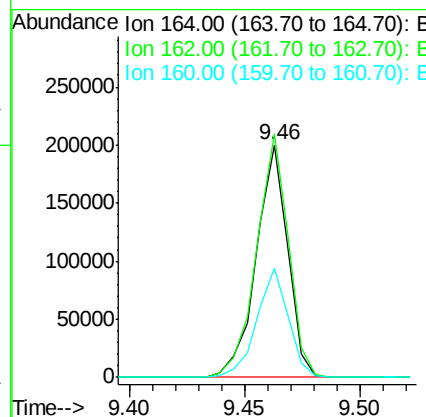
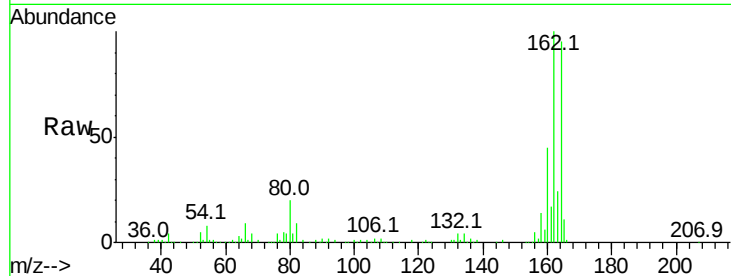
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.46 min Scan# 1305
Delta R.T. -0.07 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Instrument :
BNA_F
ClientSampleId :
A4129MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	190228		
162	104.9	82.6	123.8	
160	47.0	36.2	54.2	

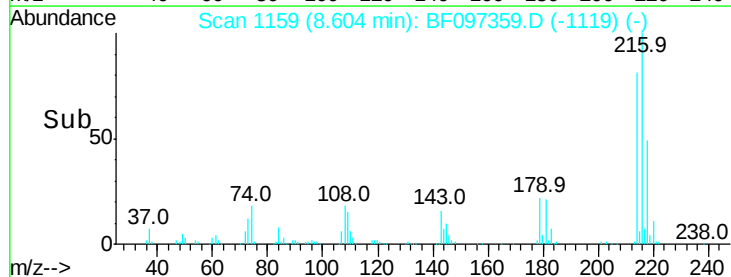
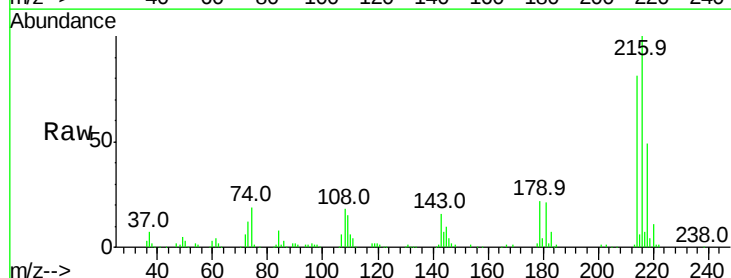
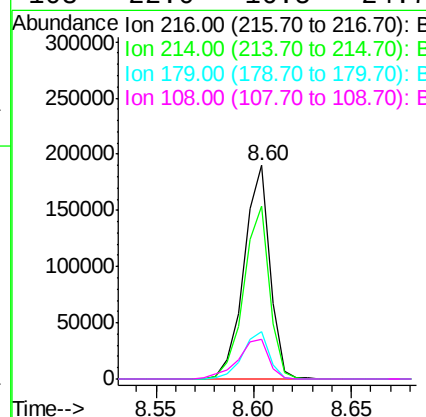
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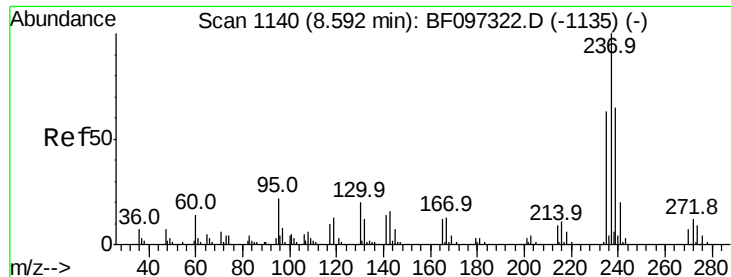
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 34.658 ng
RT: 8.60 min Scan# 1159
Delta R.T. -0.06 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	175915		
214	80.1	63.4	95.2	
179	22.4	17.9	26.9	
108	22.0	16.5	24.7	





#40

Hexachlorocyclopentadiene

Concen: 58.147 ng

RT: 8.59 min Scan# 1156

Delta R.T. -0.07 min

Lab File: BF097359.D

Acq: 4 Aug 2017 16:48

Instrument :

BNA_F

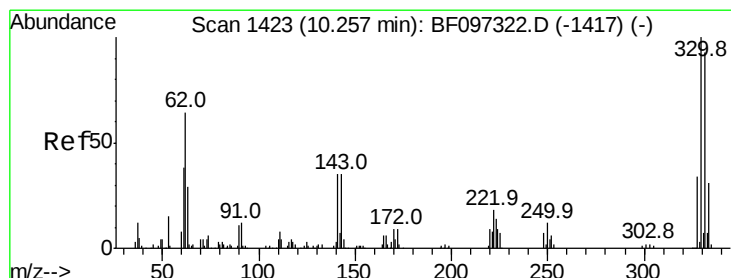
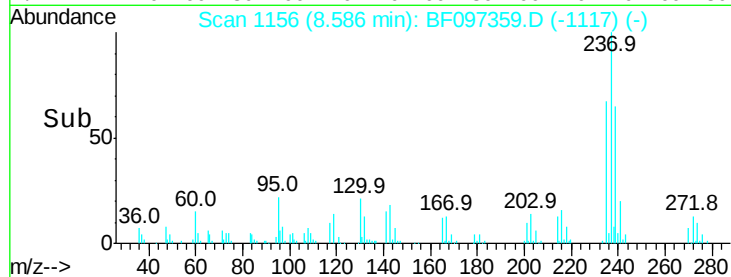
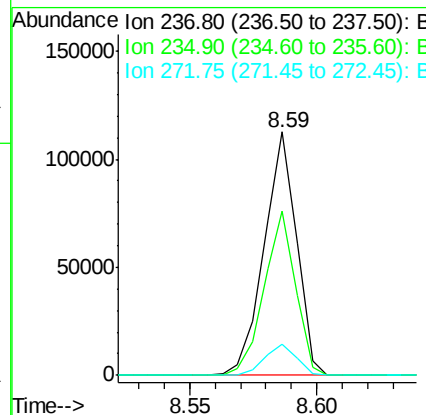
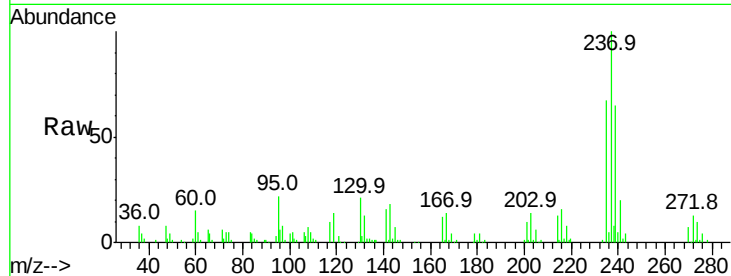
ClientSampleId :

A4129MSD

Tot Ion:	237	Resp:	99725
Ion Ratio	Lower	Upper	
237	100		
235	67.3	42.6	82.6
272	12.9	0.0	31.9

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#41

2,4,6-Tribromophenol

Concen: 118.754 ng

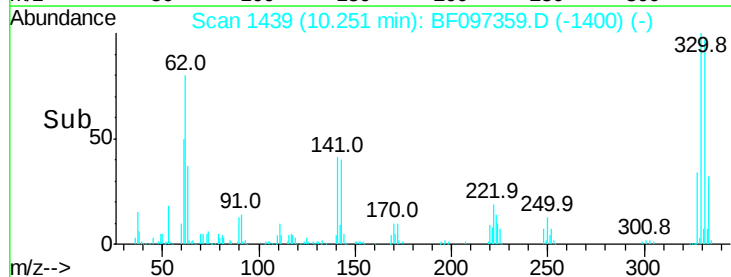
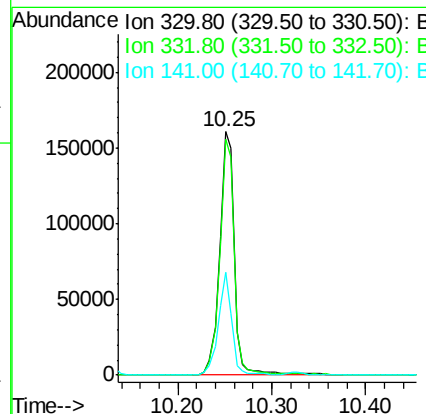
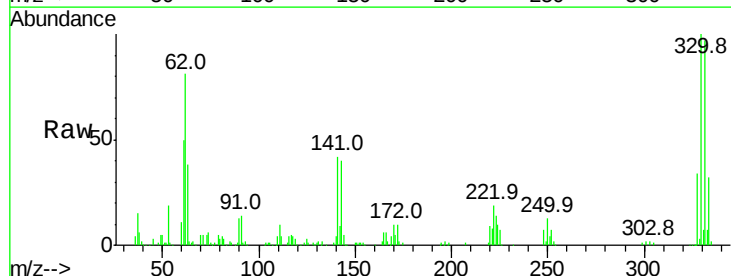
RT: 10.25 min Scan# 1439

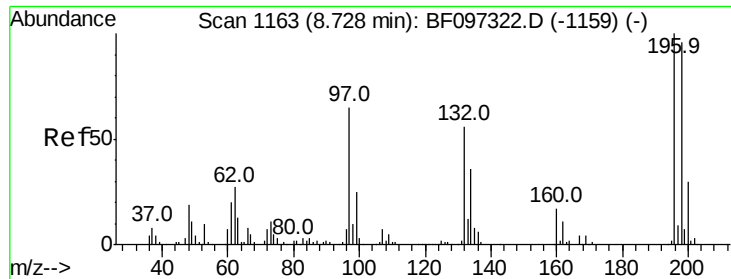
Delta R.T. -0.07 min

Lab File: BF097359.D

Acq: 4 Aug 2017 16:48

Tgt Ion:	330	Resp:	178486
Ion Ratio	Lower	Upper	
330	100		
332	95.4	76.6	115.0
141	38.7	31.4	47.2





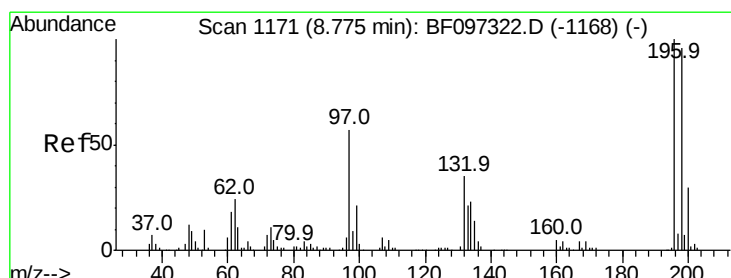
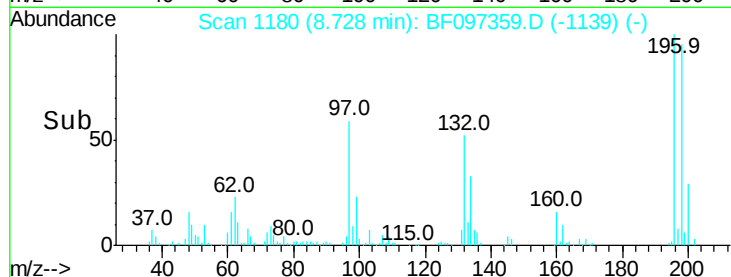
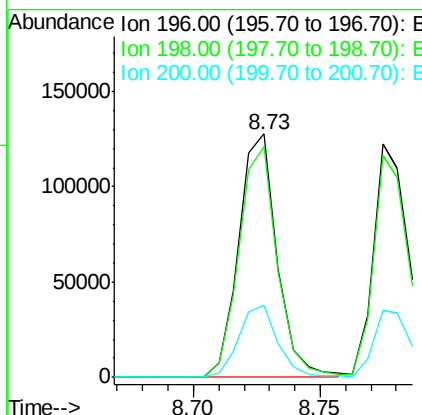
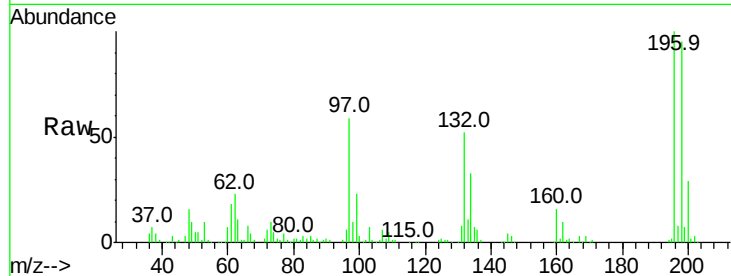
#42
 2,4,6-Trichlorophenol
 Concen: 36.544 ng
 RT: 8.73 min Scan# 1180
 Delta R.T. -0.06 min
 Lab File: BF097359.D
 Acq: 4 Aug 2017 16:48

Instrument :
 BNA_F
 ClientSampleId :
 A4129MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	134419		
198	95.0	74.2	111.4	
200	29.4	24.0	36.0	

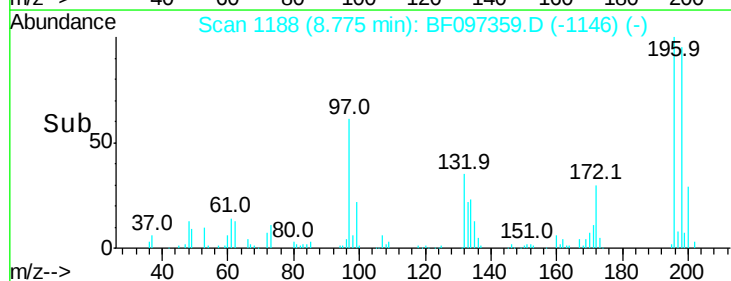
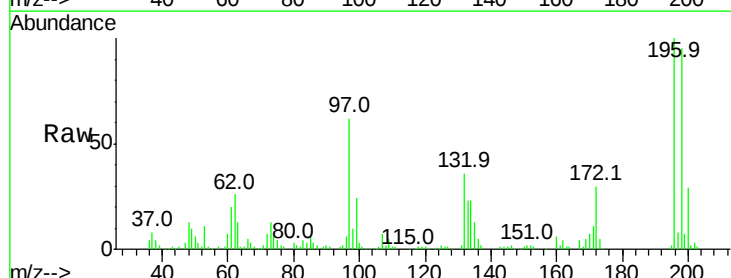
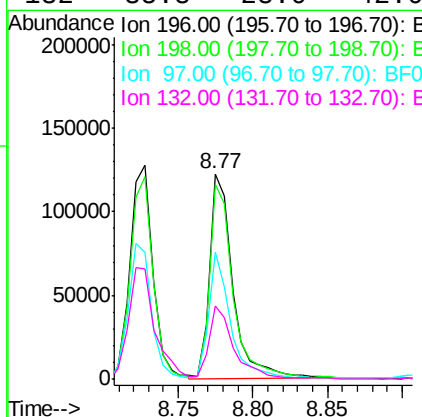
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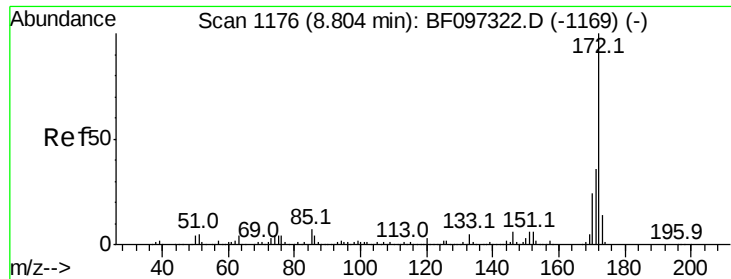
Sohil
 8/7/2017 6:09:33 PM



#43
 2,4,5-Trichlorophenol
 Concen: 35.835 ng
 RT: 8.77 min Scan# 1188
 Delta R.T. -0.05 min
 Lab File: BF097359.D
 Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	131930		
198	95.2	75.7	113.5	
97	62.0	47.7	71.5	
132	35.8	28.0	42.0	





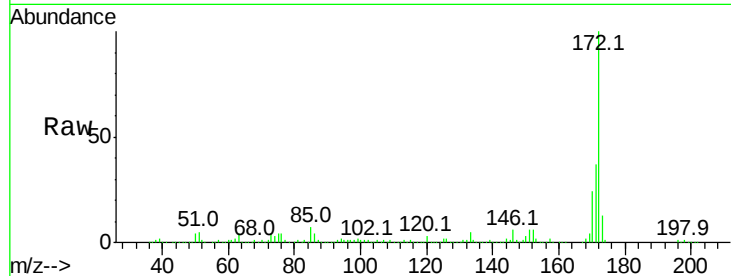
#44
 2-Fluorobiphenyl
 Concen: 77.286 ng
 RT: 8.80 min Scan# 1192
 Delta R.T. -0.07 min
 Lab File: BF097359.D
 Acq: 4 Aug 2017 16:48

Instrument :
 BNA_F
 ClientSampled :
 A4129MSD

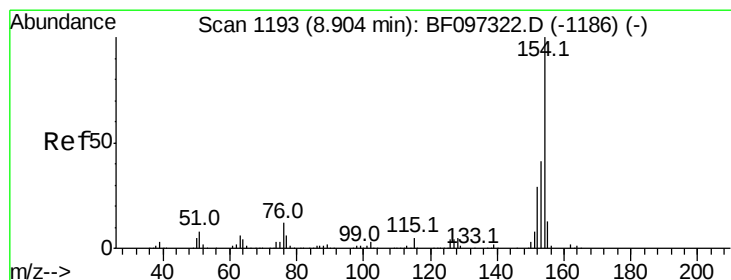
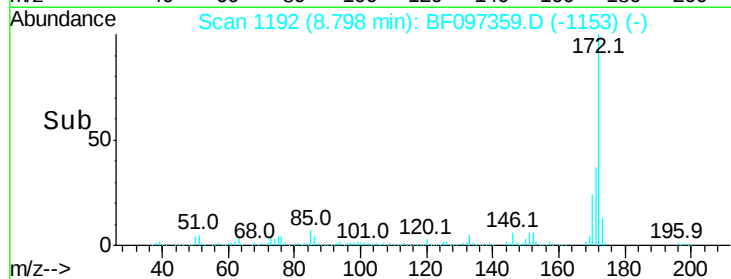
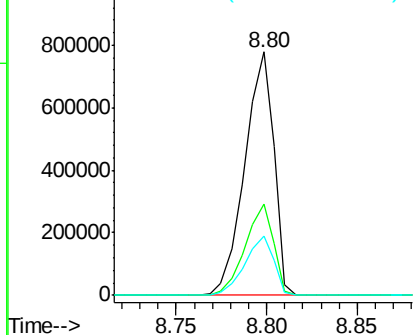
Tot Ion	Ratio	Resp	Lower	Upper
172	100	866303		
171	37.4		29.6	44.4
170	24.5		19.8	29.8

Manual Integrations
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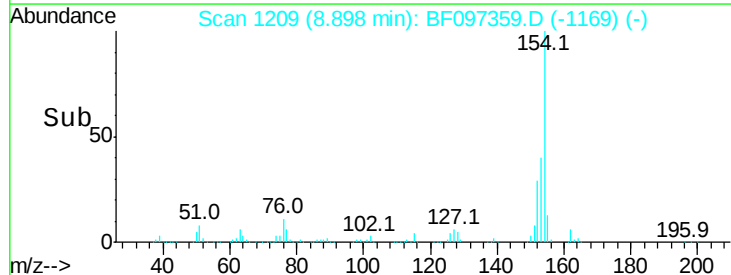
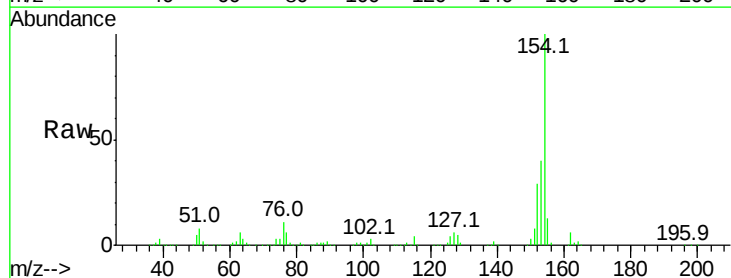
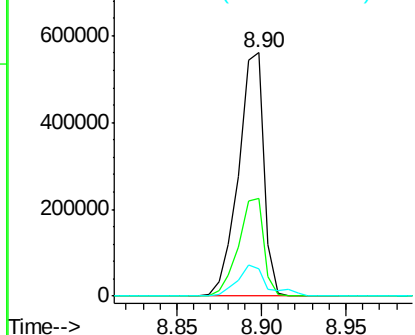
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

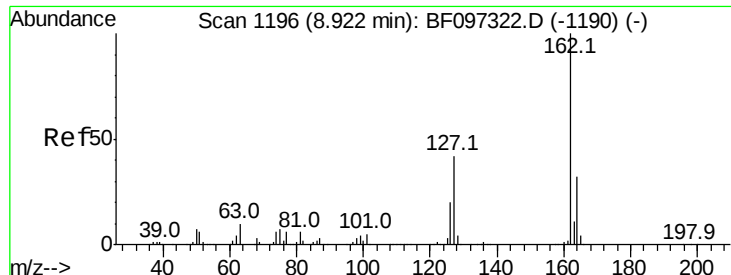


#45
 1,1'-Biphenyl
 Concen: 36.202 ng
 RT: 8.90 min Scan# 1209
 Delta R.T. -0.06 min
 Lab File: BF097359.D
 Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	588207		
153	40.2		21.2	61.2
76	11.4		0.0	29.9

Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0





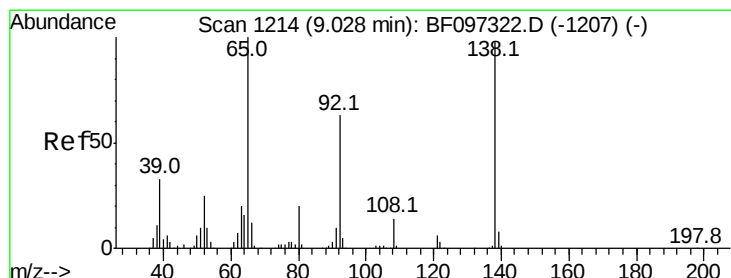
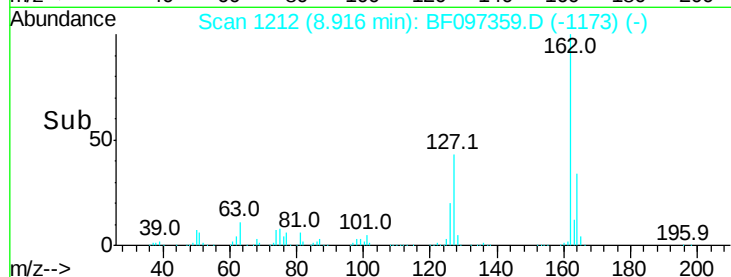
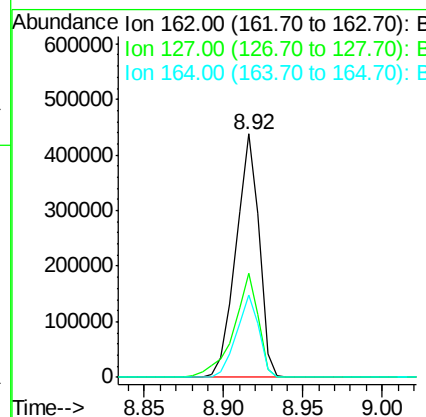
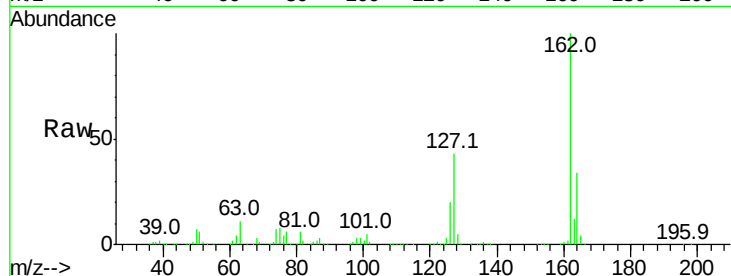
#46
 2-Chloronaphthalene
 Concen: 36.966 ng
 RT: 8.92 min Scan# 1212
 Delta R.T. -0.07 min
 Lab File: BF097359.D
 Acq: 4 Aug 2017 16:48

Instrument :
 BNA_F
 ClientSampled :
 A4129MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	441994		
127	42.5	28.3	42.5#	
164	33.7	27.0	40.4	

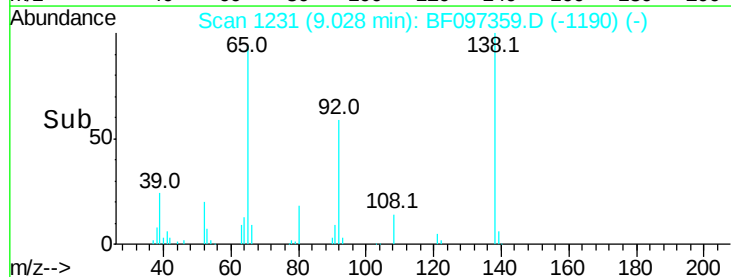
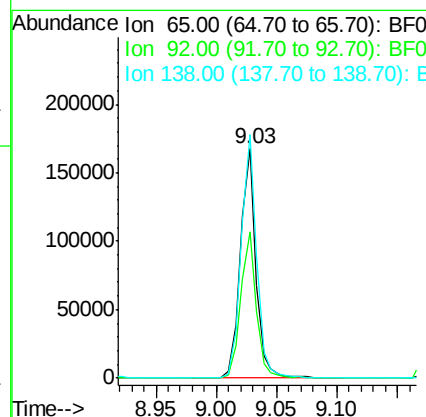
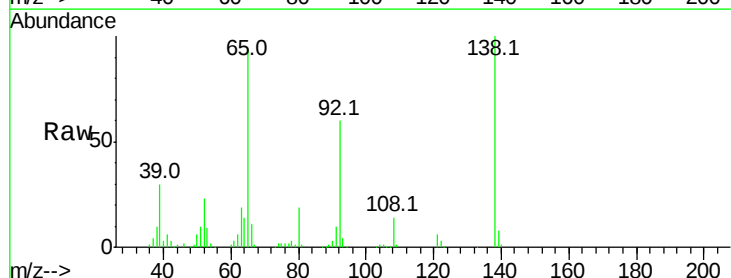
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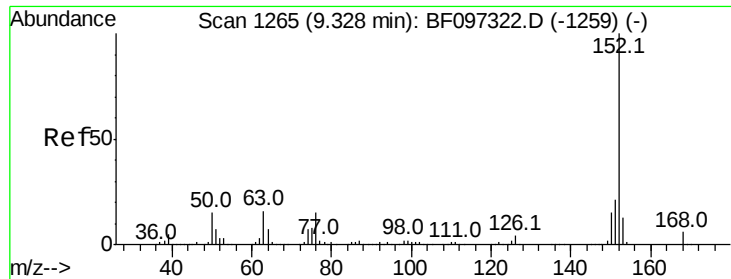
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#47
 2-Nitroaniline
 Concen: 35.069 ng
 RT: 9.03 min Scan# 1231
 Delta R.T. -0.06 min
 Lab File: BF097359.D
 Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	152175		
92	63.7	53.9	80.9	
138	106.2	78.8	118.2	





#48

Acenaphthylene

Concen: 34.249 ng

RT: 9.33 min Scan# 1282

Delta R.T. -0.06 min

Lab File: BF097359.D

Acq: 4 Aug 2017 16:48

Instrument :

BNA_F

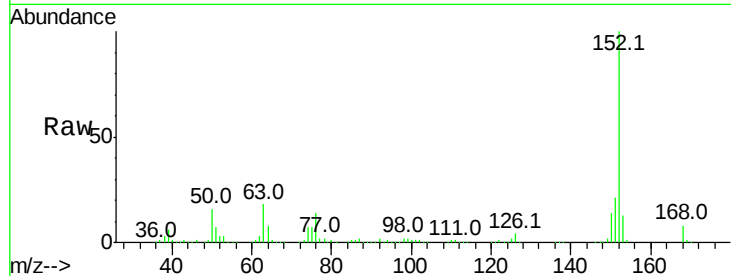
ClientSampleId :

A4129MSD

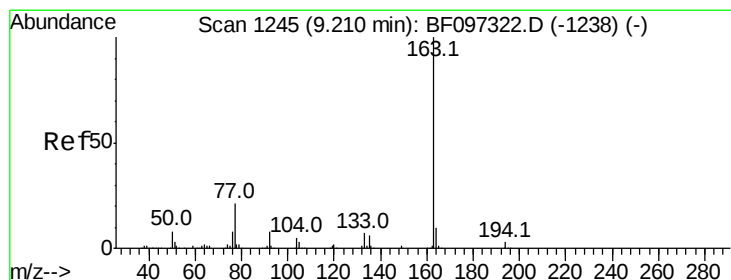
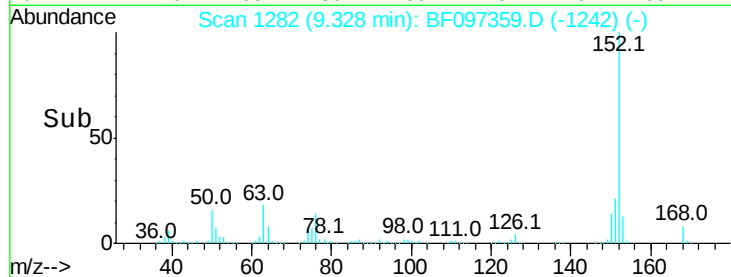
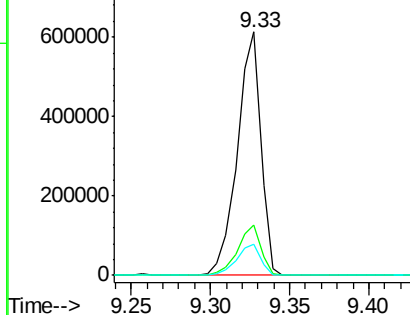
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.0	10.8	16.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 39.318 ng

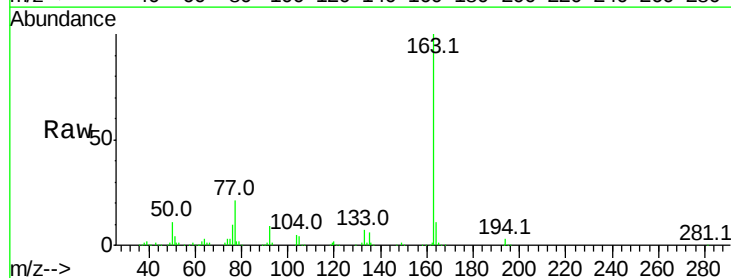
RT: 9.20 min Scan# 1261

Delta R.T. -0.07 min

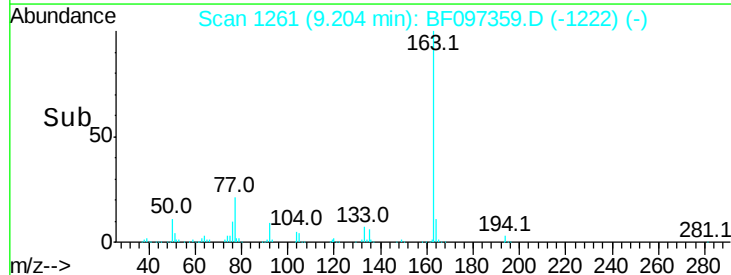
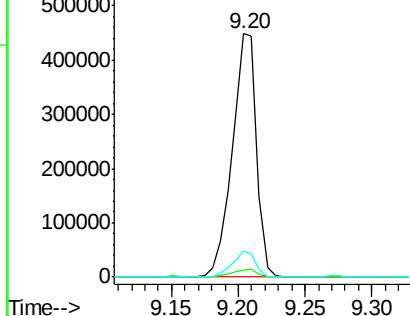
Lab File: BF097359.D

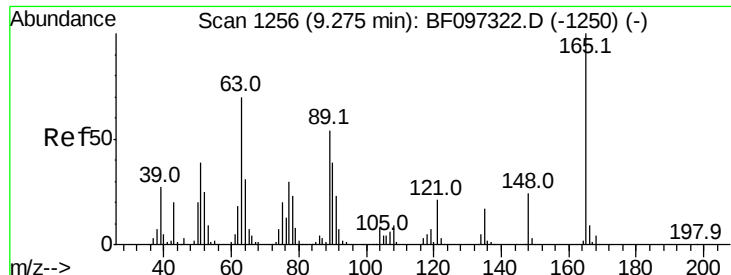
Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	10.5	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





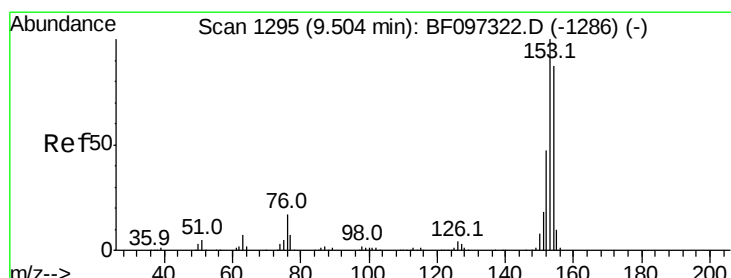
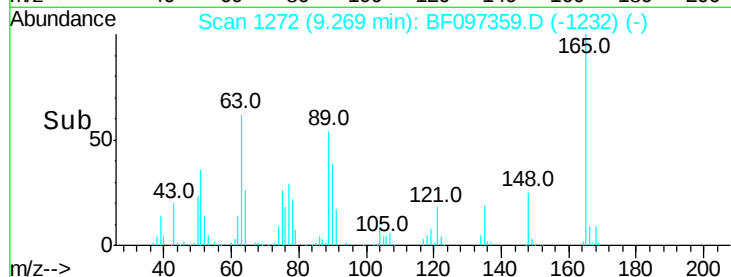
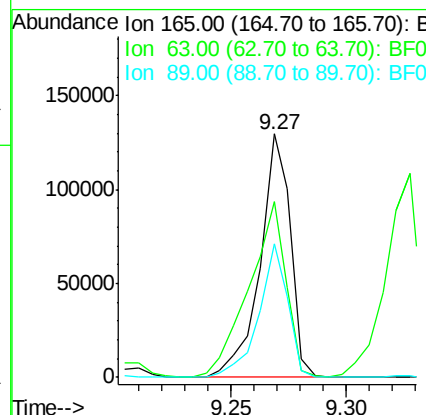
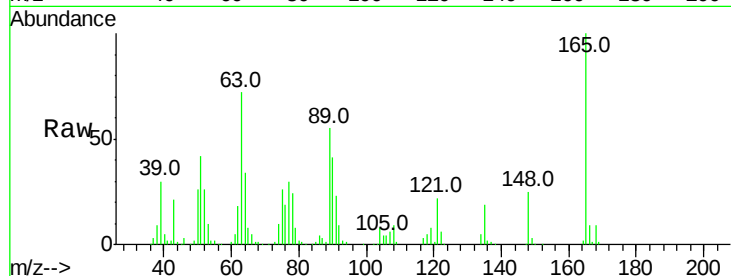
#50
2,6-Dinitrotoluene
Concen: 38.709 ng
RT: 9.27 min Scan# 1272
Delta R.T. -0.06 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Instrument :
BNA_F
ClientSampleId :
A4129MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	72.0	34.3	51.5#	
89	54.7	37.1	55.7	

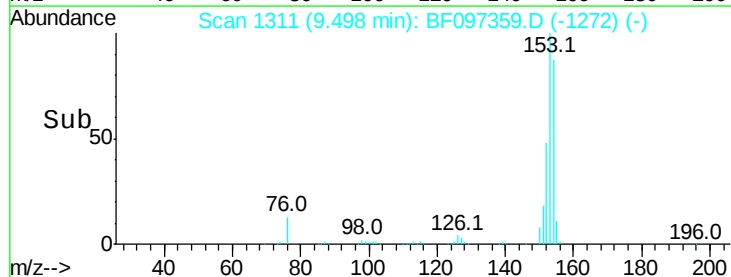
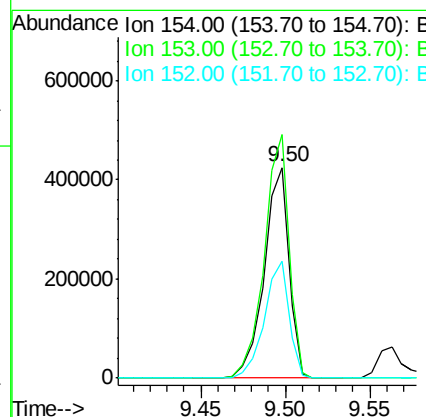
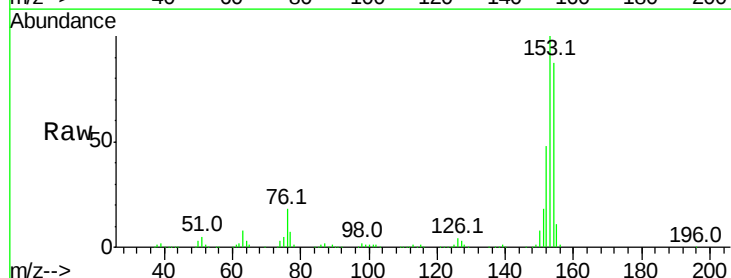
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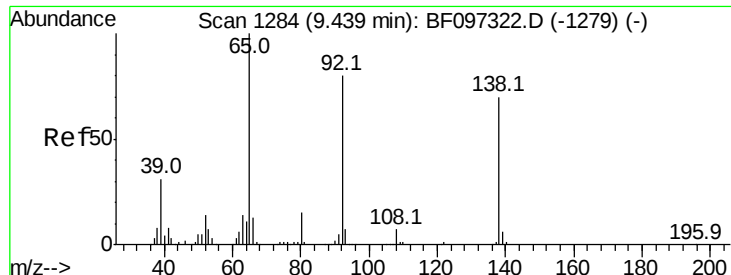
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#51
Acenaphthene
Concen: 40.163 ng
RT: 9.50 min Scan# 1311
Delta R.T. -0.07 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	115.6	90.5	135.7	
152	55.6	43.6	65.4	





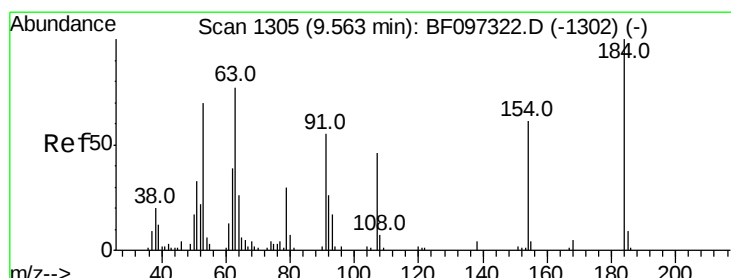
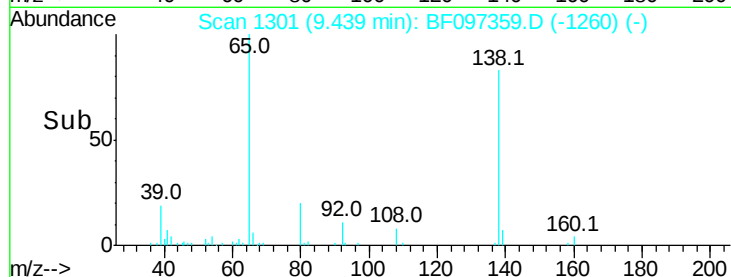
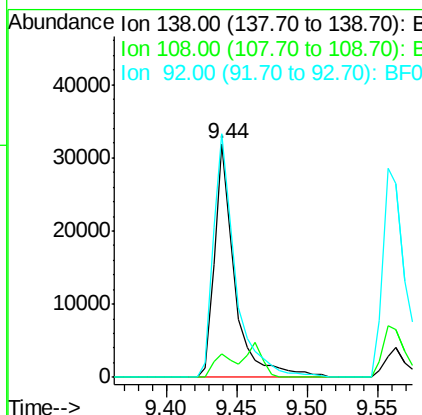
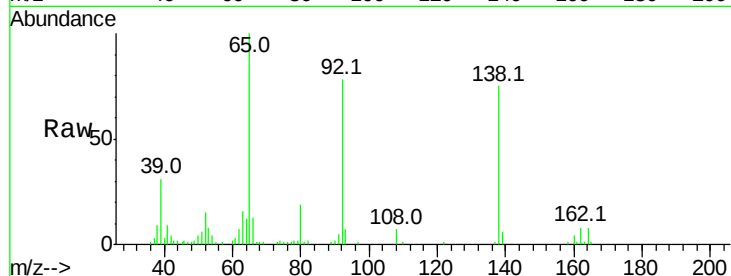
#52
3-Nitroaniline
Concen: 8.302 ng
RT: 9.44 min Scan# 1301
Delta R.T. -0.06 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Instrument :
BNA_F
ClientSampleId :
A4129MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.1	13.7
92	104.3	93.8	140.6

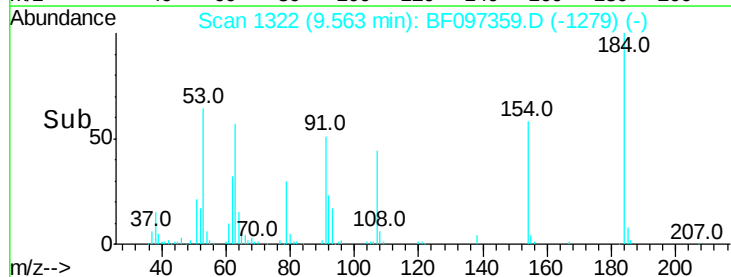
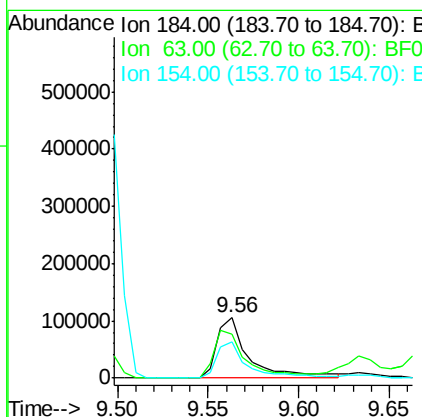
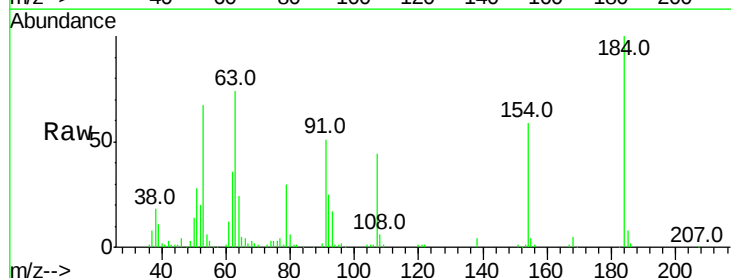
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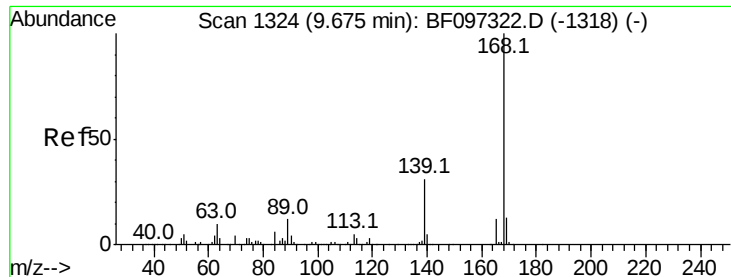
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#53
2,4-Dinitrophenol
Concen: 92.874 ng
RT: 9.56 min Scan# 1322
Delta R.T. -0.05 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.6	62.7	94.1
154	59.0	81.1	121.7#





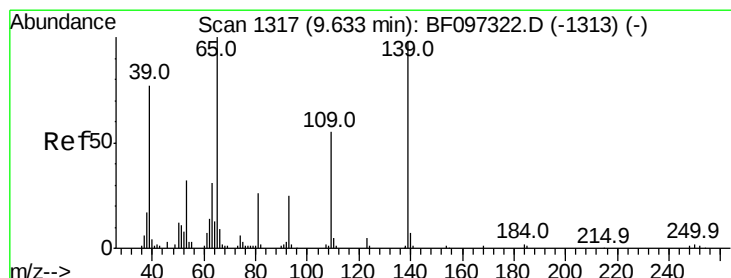
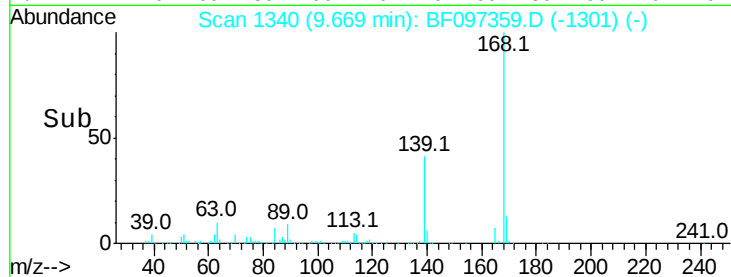
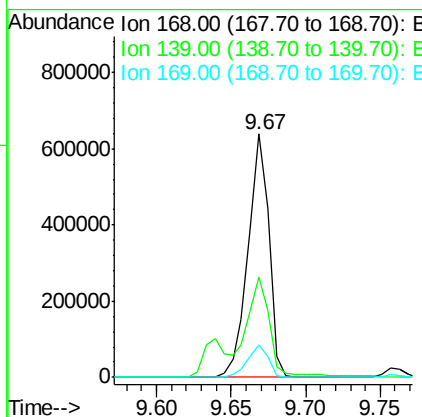
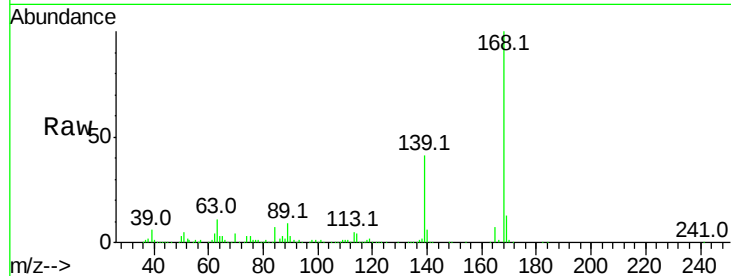
#54
Dibenzofuran
Concen: 42.620 ng
RT: 9.67 min Scan# 1340
Delta R.T. -0.07 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Instrument :
BNA_F
ClientSampleId :
A4129MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.4	30.6	45.8	
169	13.3	10.8	16.2	

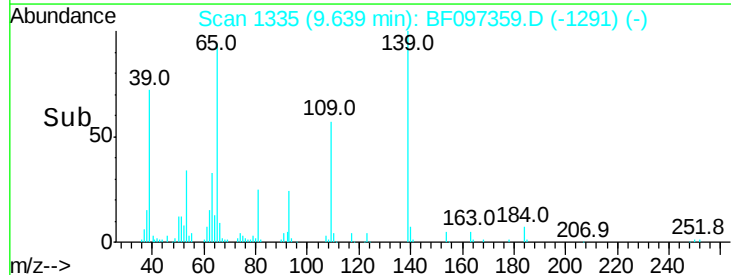
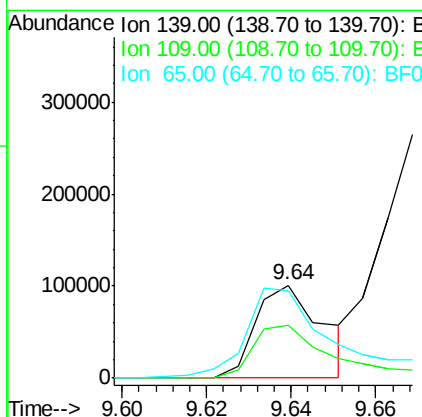
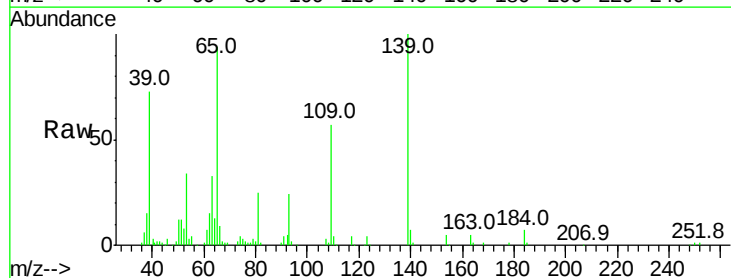
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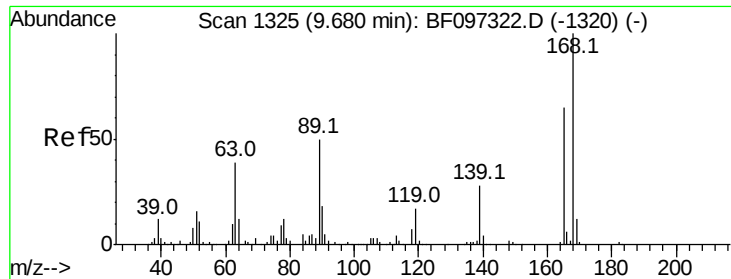
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#55
4-Nitrophenol
Concen: 49.699 ng
RT: 9.64 min Scan# 1335
Delta R.T. -0.04 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	56.7	34.1	74.1	
65	93.6	31.4	71.4	





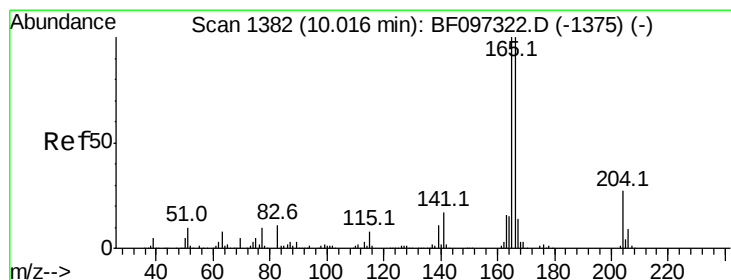
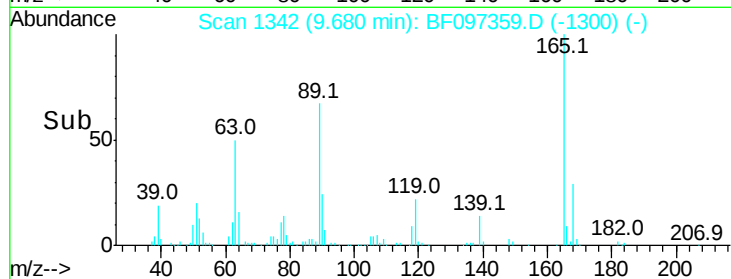
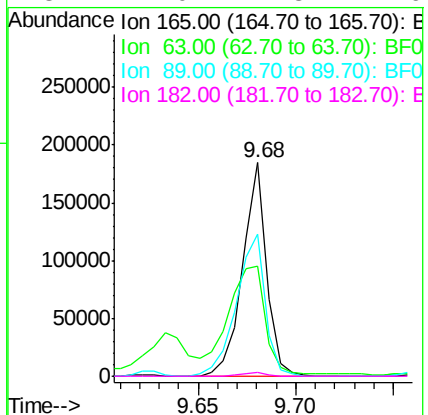
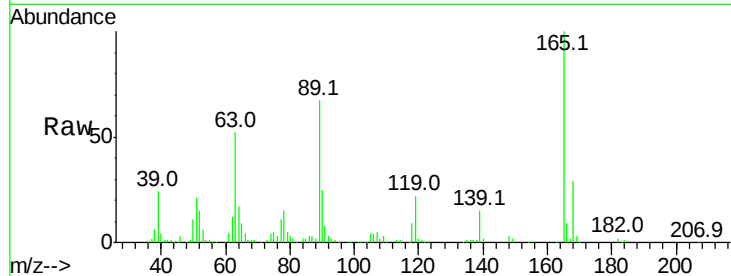
#56
 2,4-Dinitrotoluene
 Concen: 44.614 ng
 RT: 9.68 min Scan# 1342
 Delta R.T. -0.05 min
 Lab File: BF097359.D
 Acq: 4 Aug 2017 16:48

Instrument :
 BNA_F
 ClientSampled :
 A4129MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	157135		
63	51.6	25.4	38.0#	
89	66.6	46.4	69.6	
182	2.0	1.8	2.6	

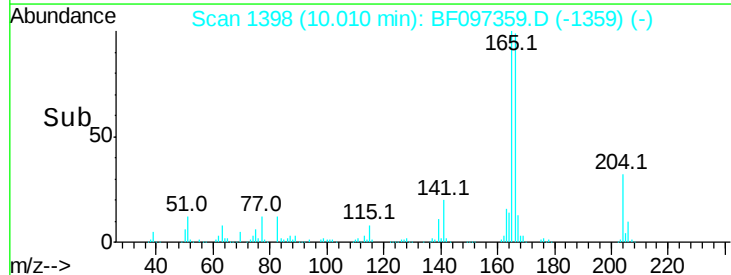
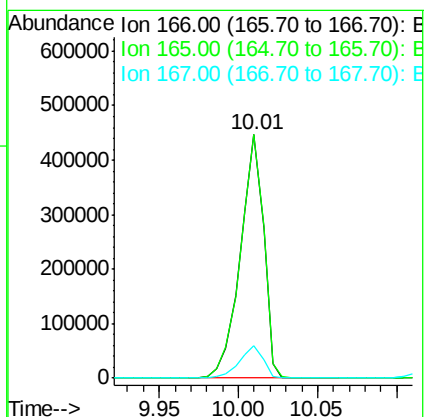
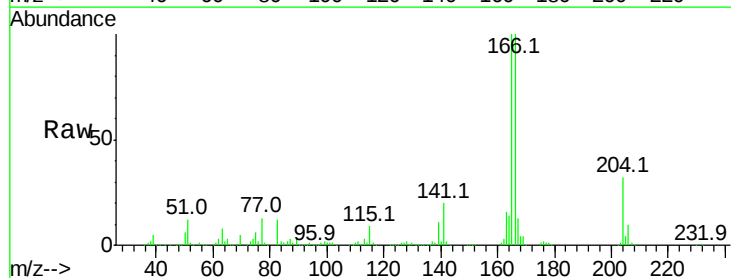
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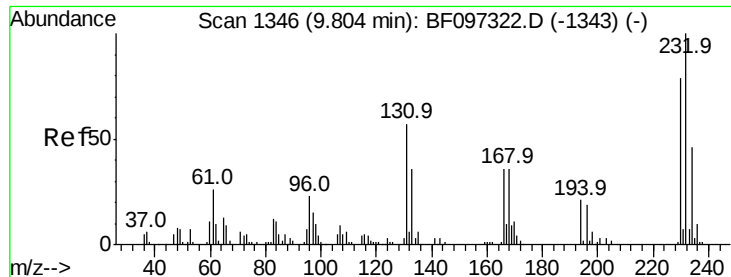
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#57
 Fluorene
 Concen: 41.953 ng
 RT: 10.01 min Scan# 1398
 Delta R.T. -0.07 min
 Lab File: BF097359.D
 Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	454036		
165	100.0	78.8	118.2	
167	13.5	10.6	16.0	





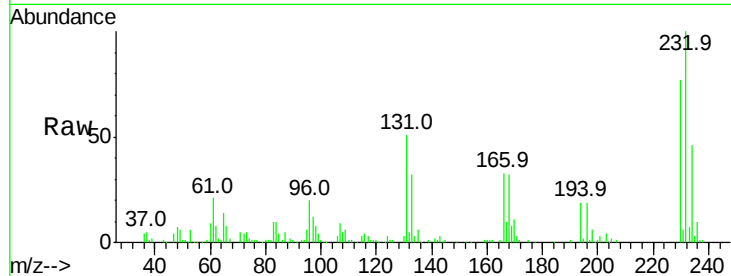
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.908 ng
 RT: 9.80 min Scan# 1363
 Delta R.T. -0.06 min
 Lab File: BF097359.D
 Acq: 4 Aug 2017 16:48

Instrument :
 BNA_F
 ClientSampleId :
 A4129MSD

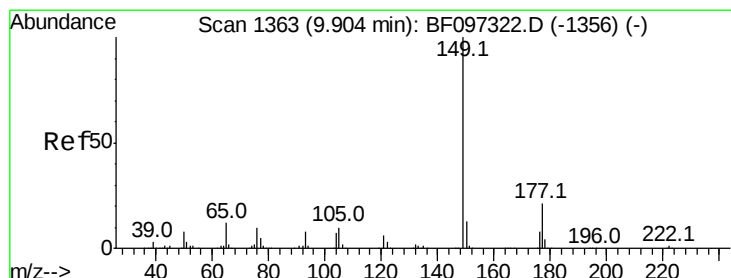
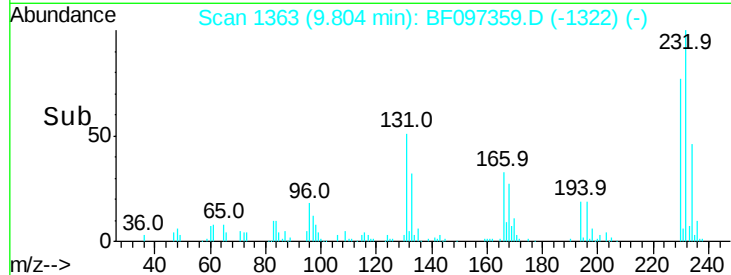
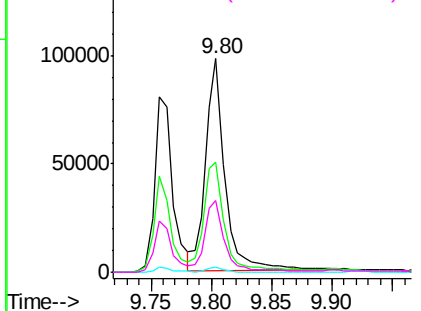
Tot Ion	Ratio	Resp	Lower	Upper
232	100	109075		
131	54.0		44.8	67.2
130	2.3		2.3	3.5#
166	33.4		29.0	43.4

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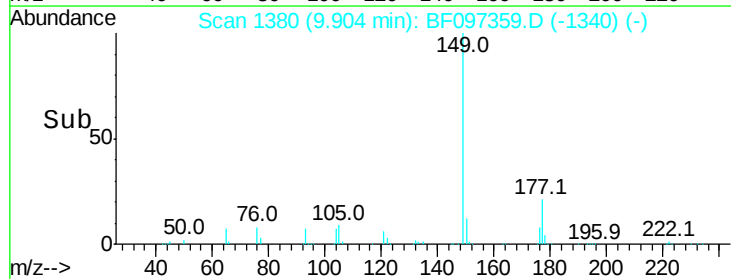
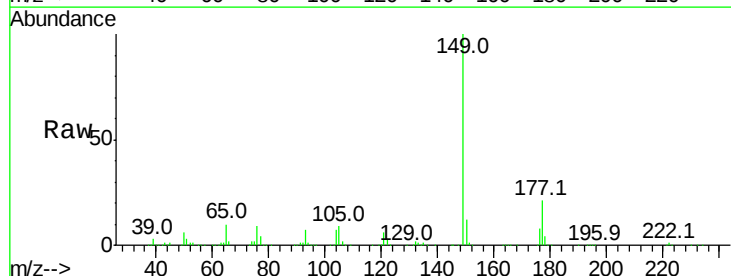
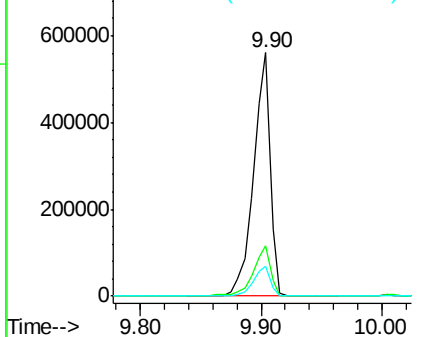
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

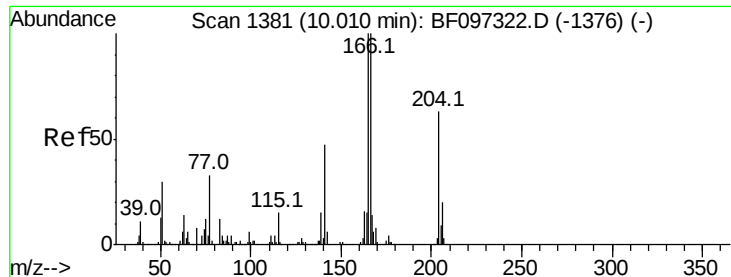


#59
 Diethylphthalate
 Concen: 40.969 ng
 RT: 9.90 min Scan# 1380
 Delta R.T. -0.06 min
 Lab File: BF097359.D
 Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	542962		
177	20.6		16.7	25.1
150	12.1		10.2	15.2

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





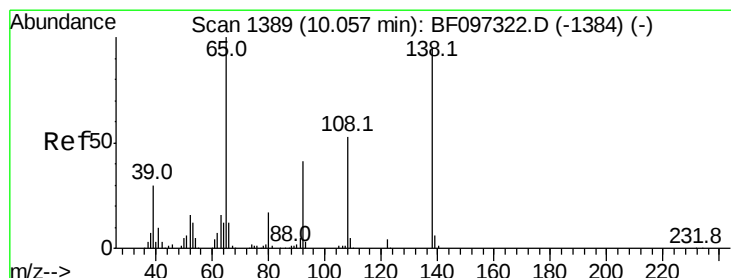
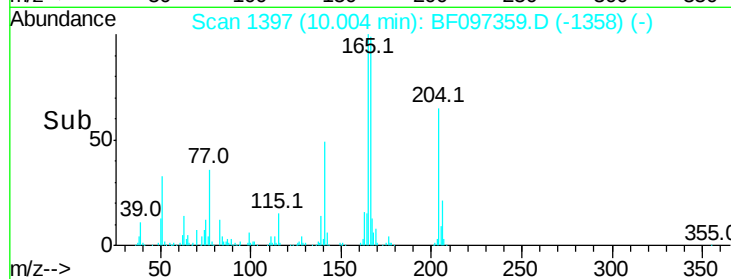
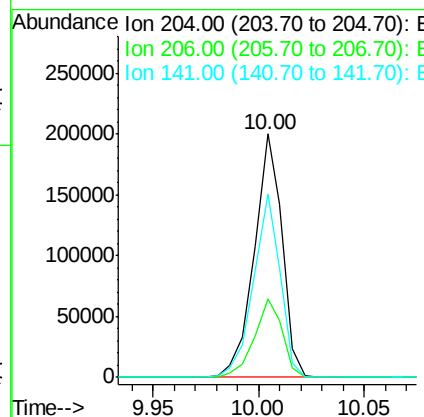
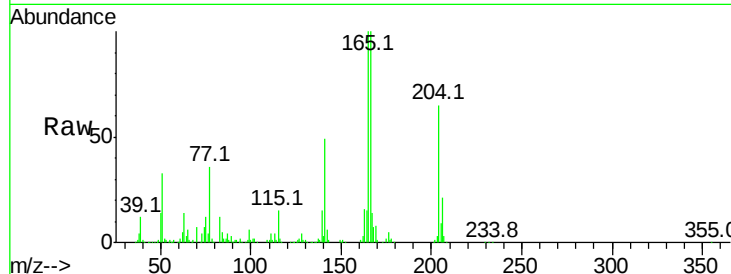
#60
4-Chlorophenyl-phenylether
Concen: 41.121 ng
RT: 10.00 min Scan# 1397
Delta R.T. -0.07 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Instrument :
BNA_F
ClientSampled :
A4129MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.2	26.2	39.2	
141	75.4	60.8	91.2	

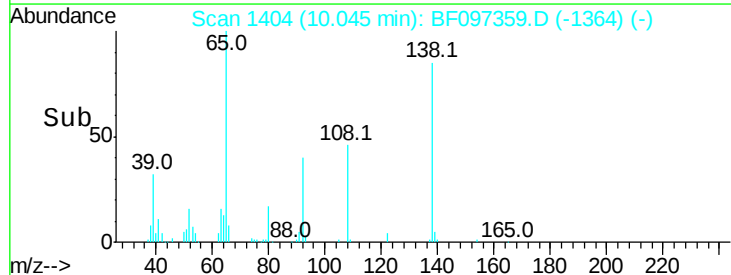
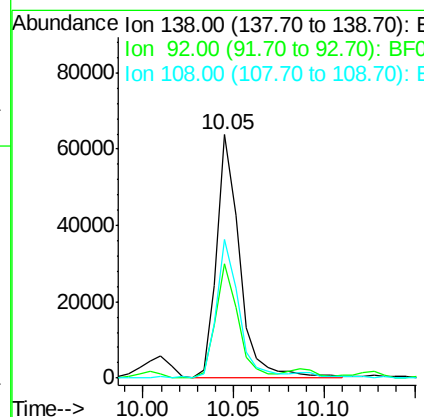
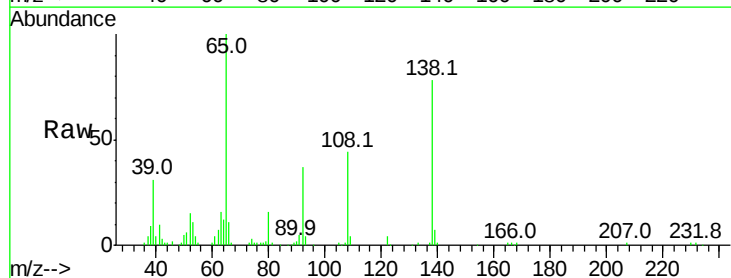
Manual Integrations
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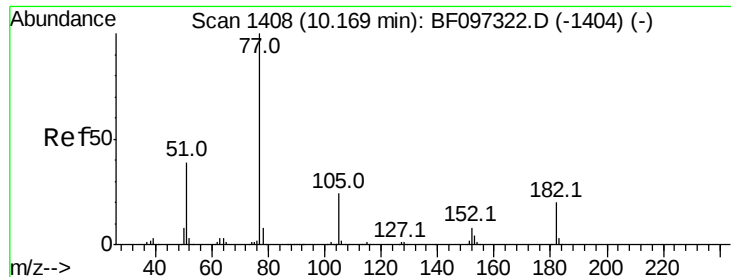
Sohil
8/7/2017 6:09:33 PM



#61
4-Nitroaniline
Concen: 15.709 ng
RT: 10.05 min Scan# 1404
Delta R.T. -0.06 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	46.9	21.8	61.8	
108	56.7	42.3	82.3	





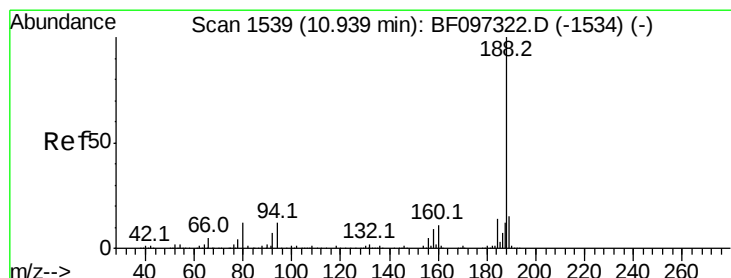
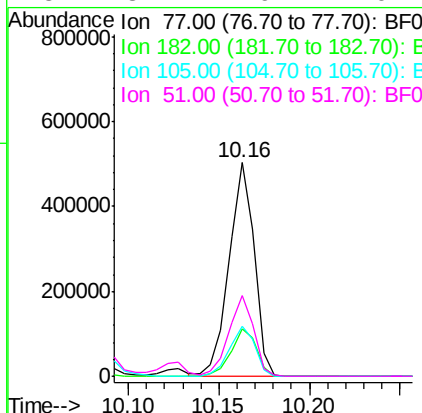
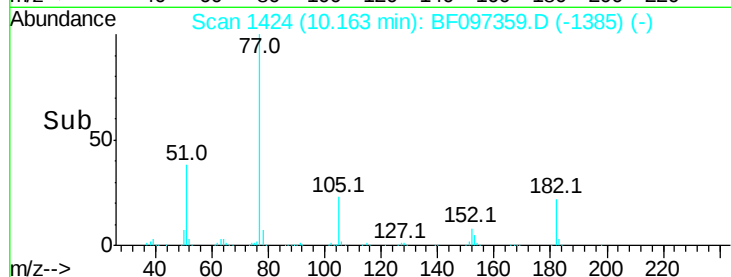
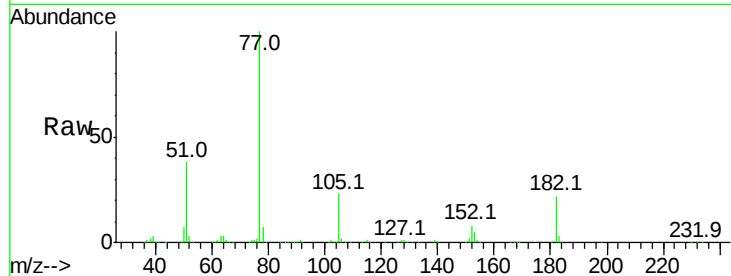
#62
Azobenzene
Concen: 39.813 ng
RT: 10.16 min Scan# 1424
Delta R.T. -0.07 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Instrument :
BNA_F
ClientSampleId :
A4129MSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100	489485		
182	22.0	0.1	40.1	
105	23.3	3.6	43.6	
51	37.7	9.4	49.4	

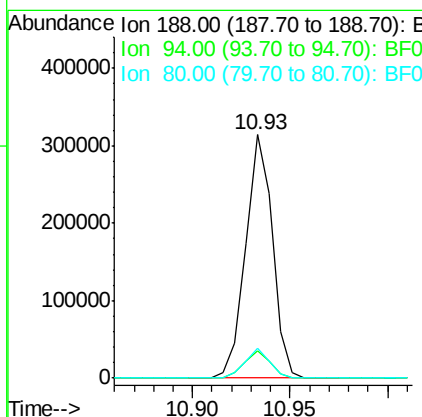
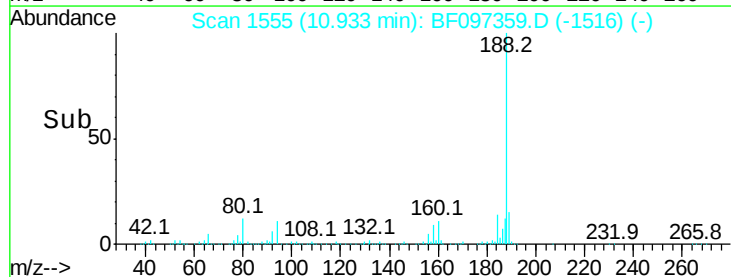
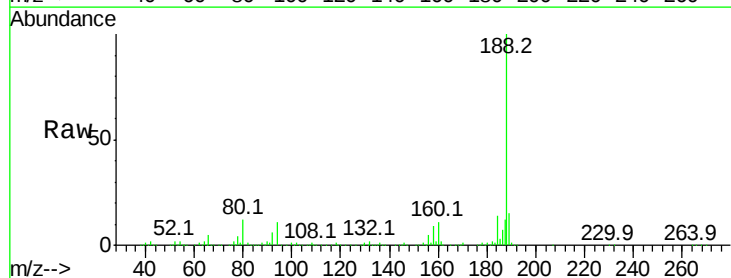
Manual Integrations
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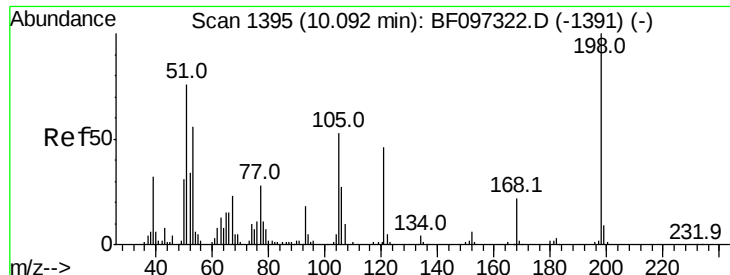
Sohil
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.93 min Scan# 1555
Delta R.T. -0.07 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	299648		
94	11.4	9.4	14.2	
80	12.2	10.2	15.2	





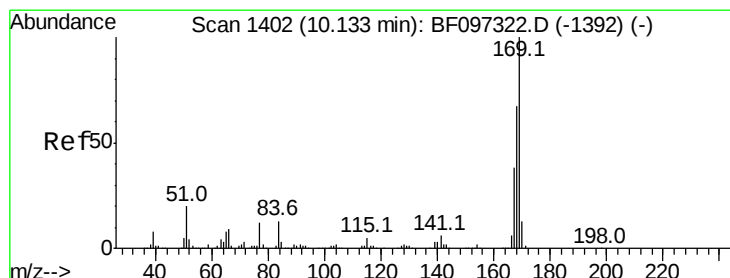
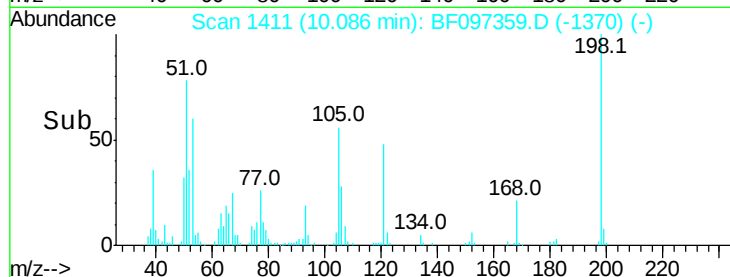
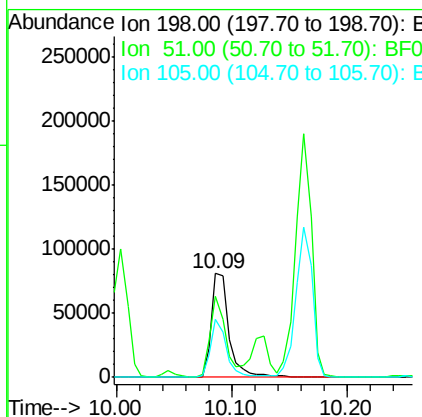
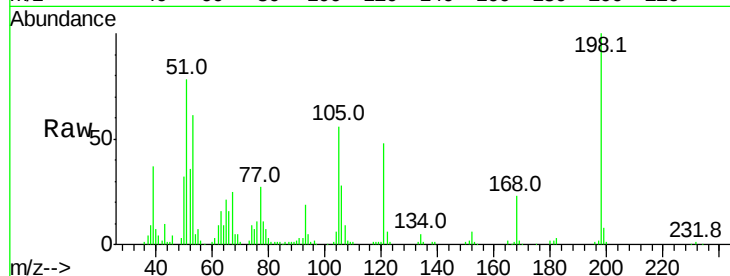
#64
4,6-Dinitro-2-methylphenol
Concen: 46.663 ng
RT: 10.09 min Scan# 1411
Delta R.T. -0.06 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Instrument :
BNA_F
ClientSampled :
A4129MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	77.9	53.2	93.2
105	55.6	45.8	85.8

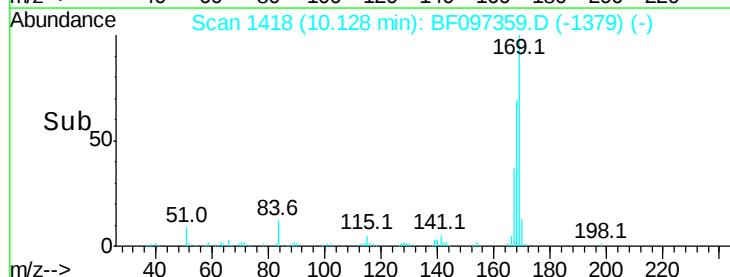
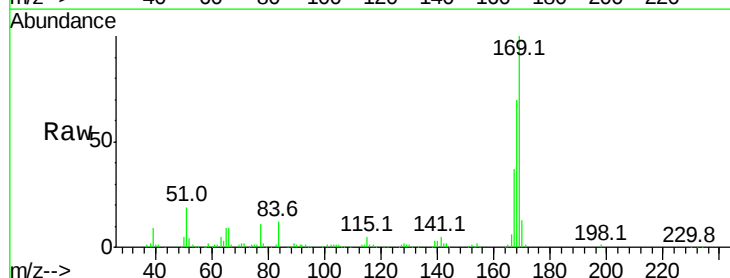
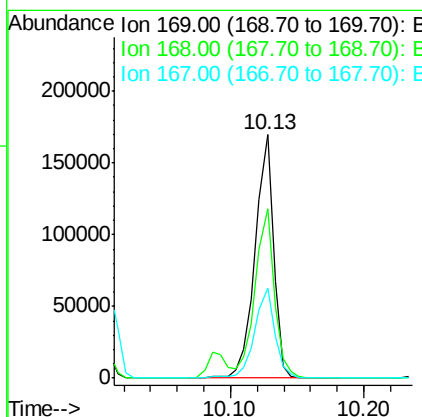
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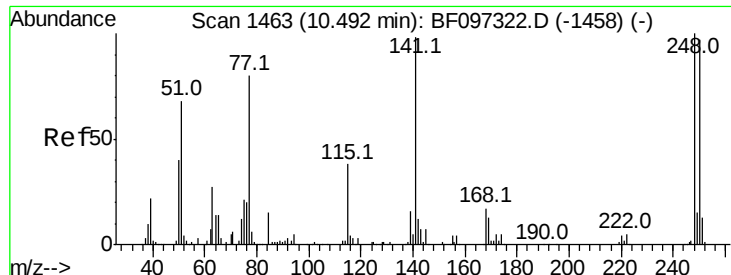
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#65
n-Nitrosodiphenylamine
Concen: 15.554 ng
RT: 10.13 min Scan# 1418
Delta R.T. -0.07 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.8	53.2	79.8
167	36.7	29.5	44.3





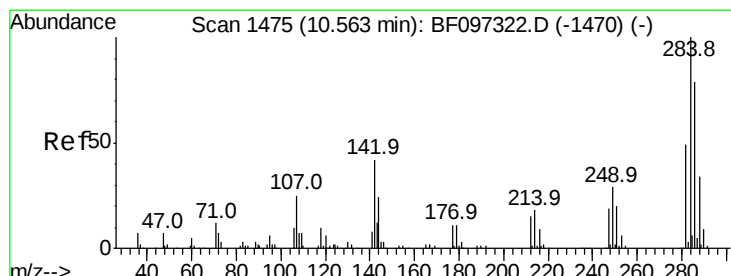
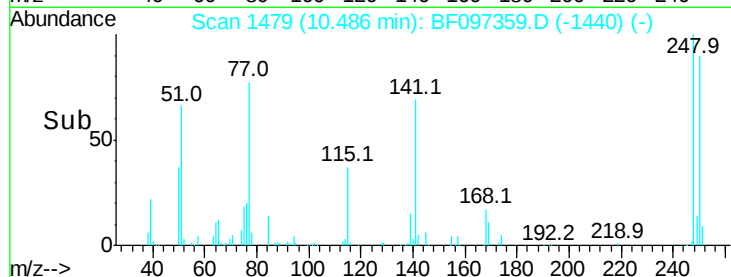
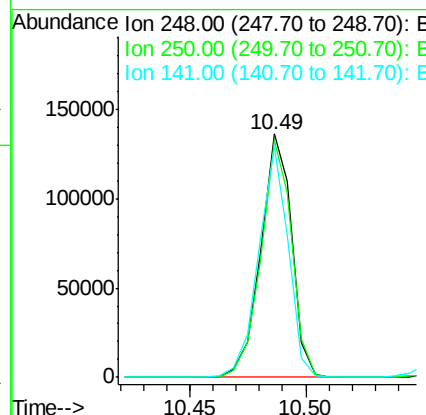
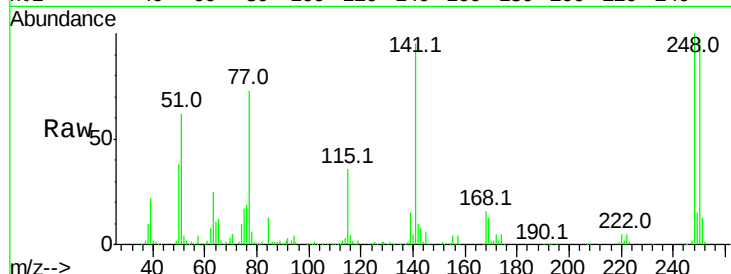
#66
4-Bromophenyl-phenylether
Concen: 42.537 ng
RT: 10.49 min Scan# 1479
Delta R.T. -0.07 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Instrument :
BNA_F
ClientSampleId :
A4129MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	76.8	115.2
141	94.9	68.6	103.0

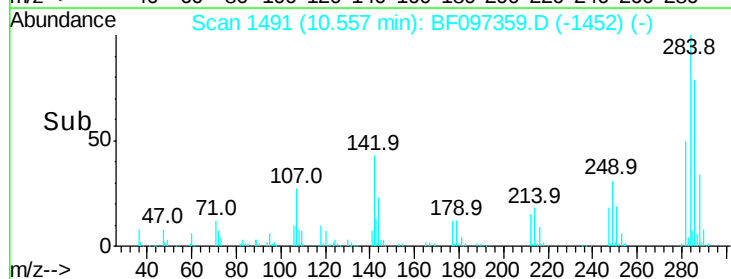
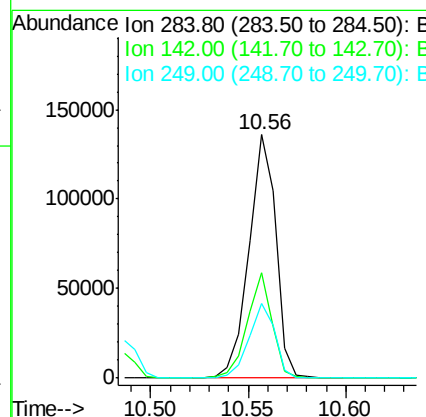
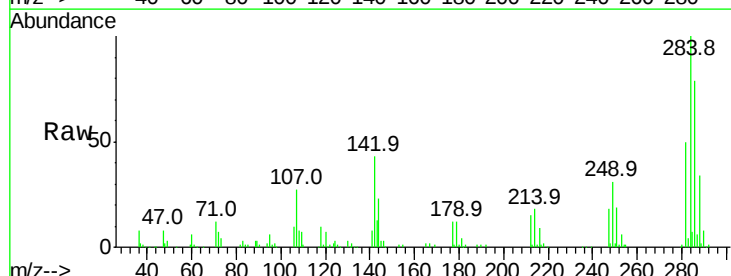
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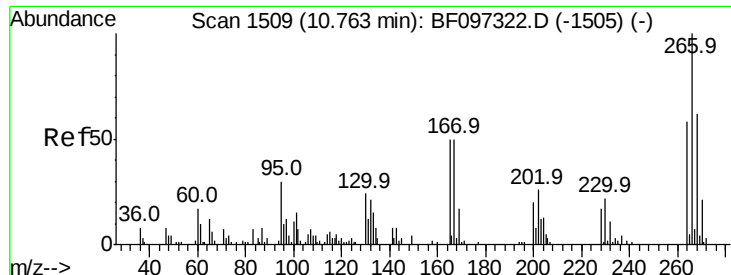
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#67
Hexachlorobenzene
Concen: 38.797 ng
RT: 10.56 min Scan# 1491
Delta R.T. -0.07 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	43.5	22.8	34.2#
249	30.8	24.0	36.0





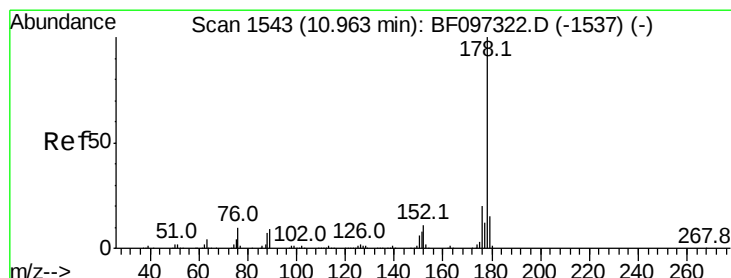
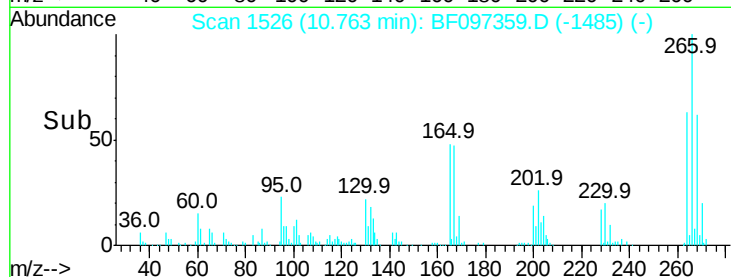
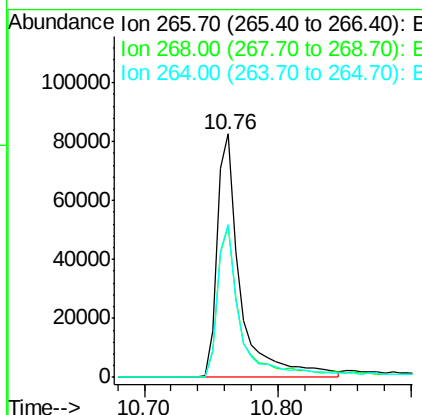
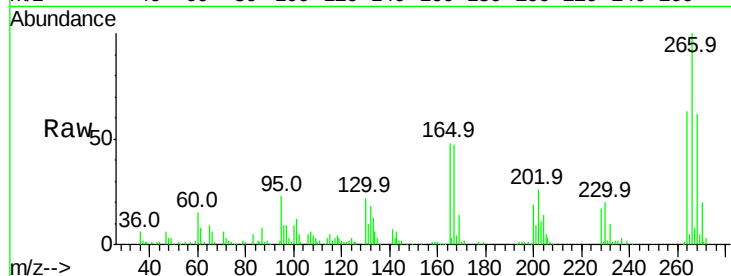
#69
 Pentachlorophenol
 Concen: 73.346 ng
 RT: 10.76 min Scan# 1526
 Delta R.T. -0.06 min
 Lab File: BF097359.D
 Acq: 4 Aug 2017 16:48

Instrument :
 BNA_F
 ClientSampled :
 A4129MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	101767		
268	62.3	51.1	76.7	
264	62.7	51.7	77.5	

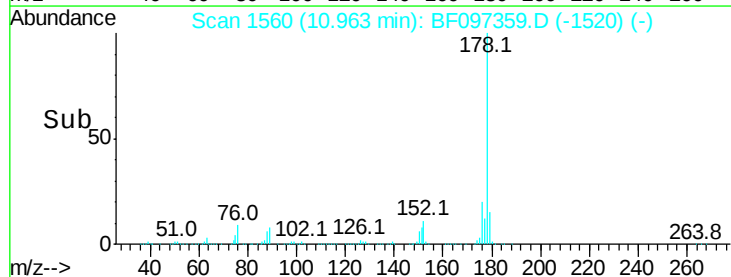
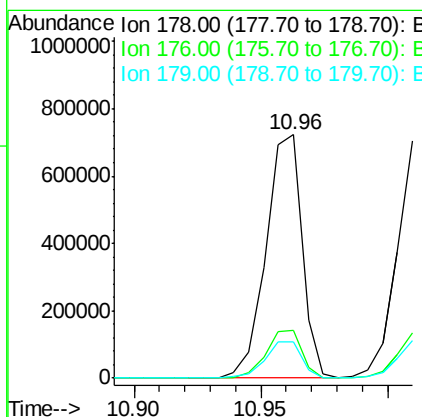
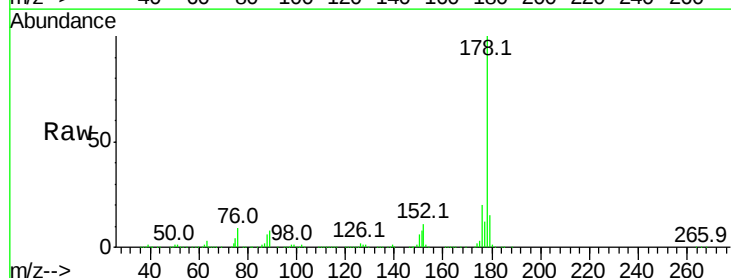
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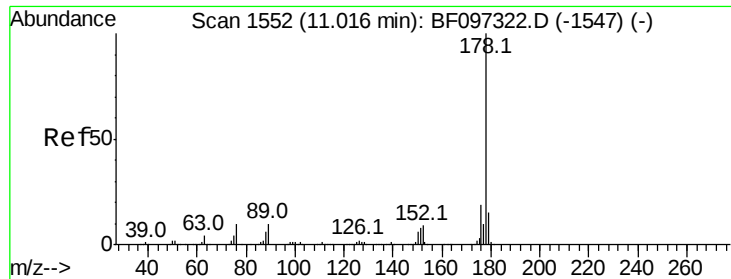
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#70
 Phenanthrene
 Concen: 44.665 ng
 RT: 10.96 min Scan# 1560
 Delta R.T. -0.06 min
 Lab File: BF097359.D
 Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	717109		
176	19.5	16.2	24.4	
179	15.0	12.6	19.0	





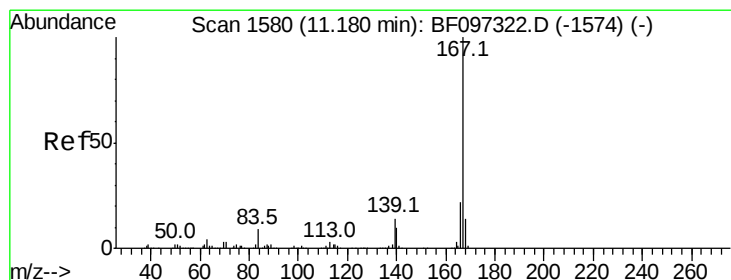
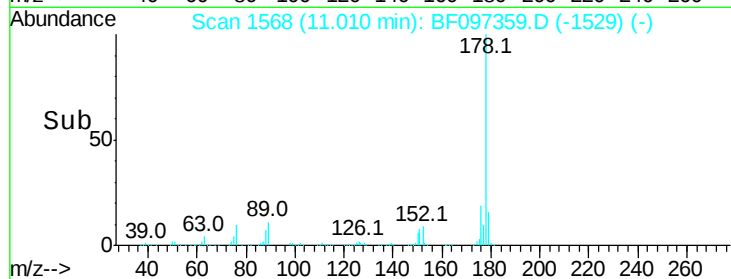
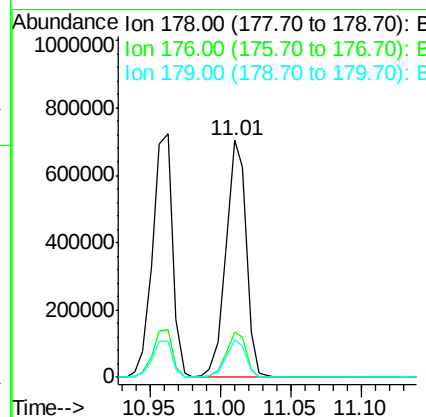
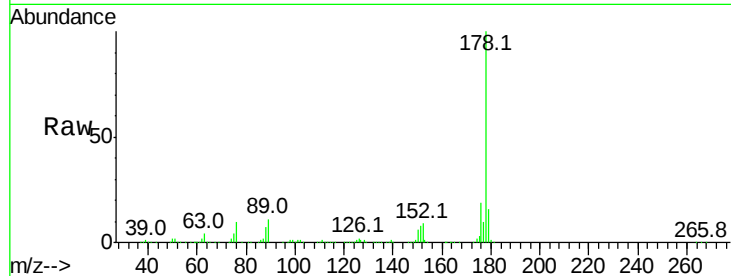
#71
 Anthracene
 Concen: 42.833 ng
 RT: 11.01 min Scan# 1568
 Delta R.T. -0.07 min
 Lab File: BF097359.D
 Acq: 4 Aug 2017 16:48

Instrument :
 BNA_F
 ClientSampleID :
 A4129MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.8	12.7	19.1

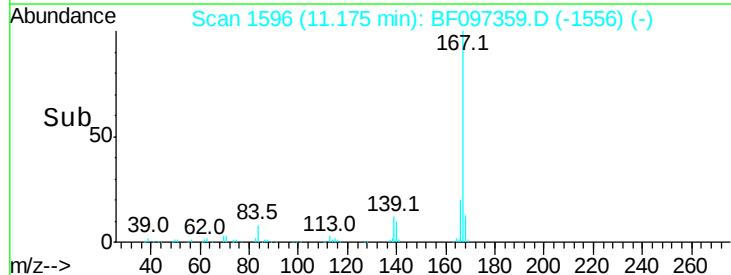
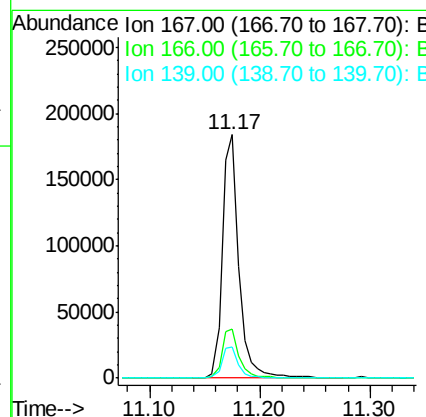
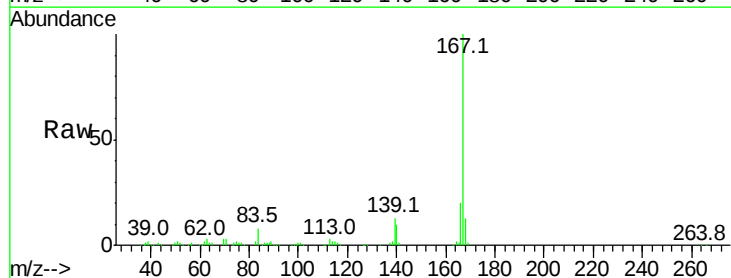
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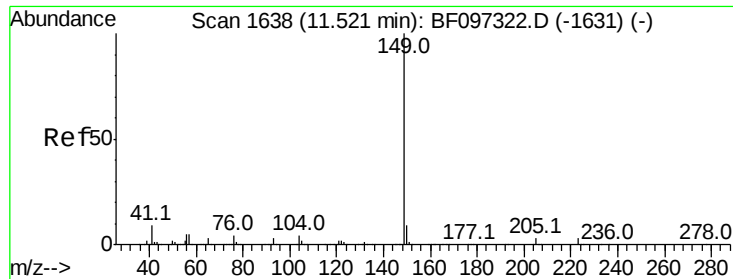
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#72
 Carbazole
 Concen: 11.862 ng
 RT: 11.17 min Scan# 1596
 Delta R.T. -0.06 min
 Lab File: BF097359.D
 Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.4	18.1	27.1
139	12.5	11.7	17.5





#73

Di-n-butylphthalate

Concen: 45.418 ng

RT: 11.51 min Scan# 1653

Delta R.T. -0.07 min

Lab File: BF097359.D

Acq: 4 Aug 2017 16:48

Instrument :

BNA_F

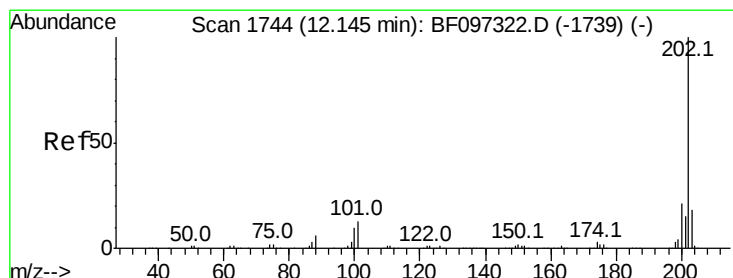
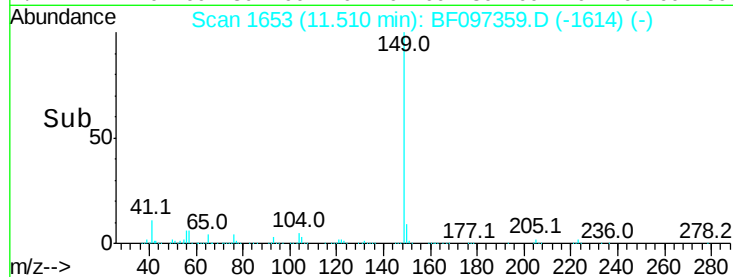
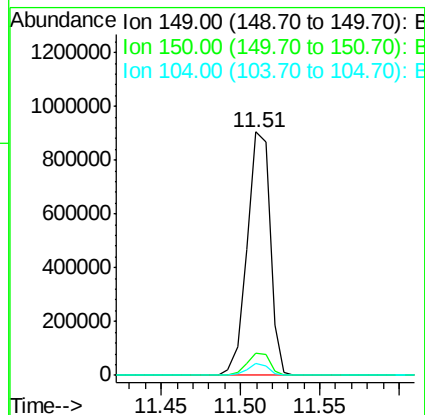
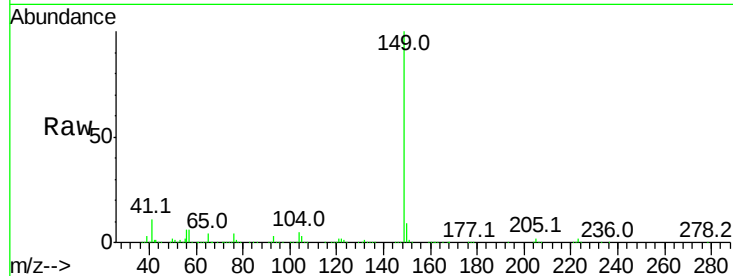
ClientSampleId :

A4129MSD

Tot Ion:	149	Resp:	907952
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.7	11.5
104	4.7	4.0	6.0

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#74

Fluoranthene

Concen: 42.692 ng

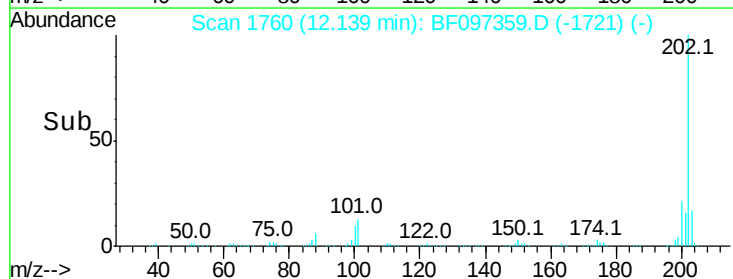
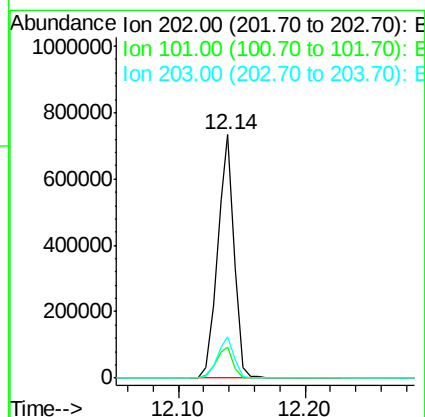
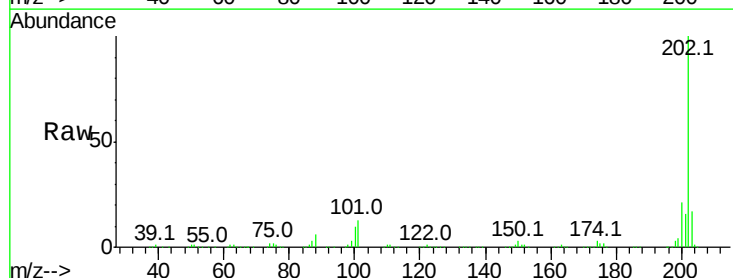
RT: 12.14 min Scan# 1760

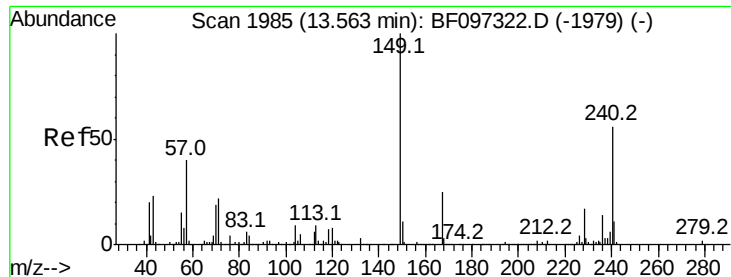
Delta R.T. -0.07 min

Lab File: BF097359.D

Acq: 4 Aug 2017 16:48

Tgt Ion:	202	Resp:	671492
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	33.2
203	17.0	0.0	38.1





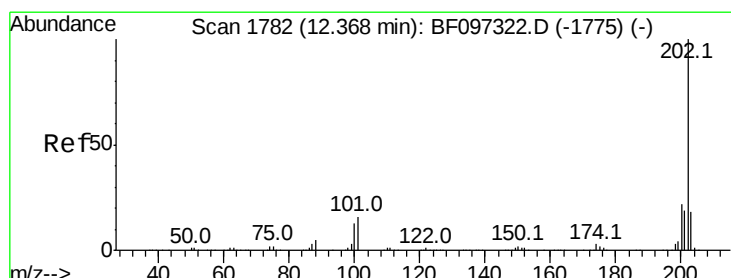
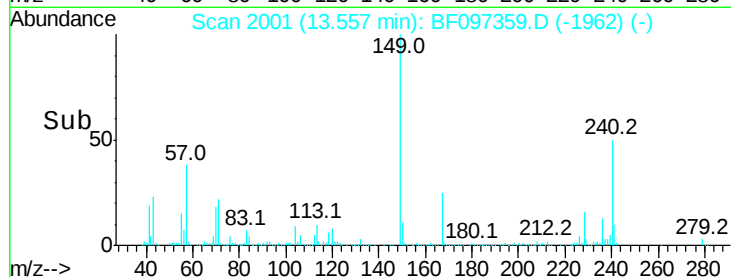
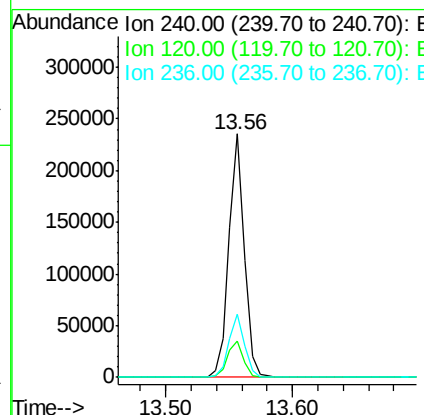
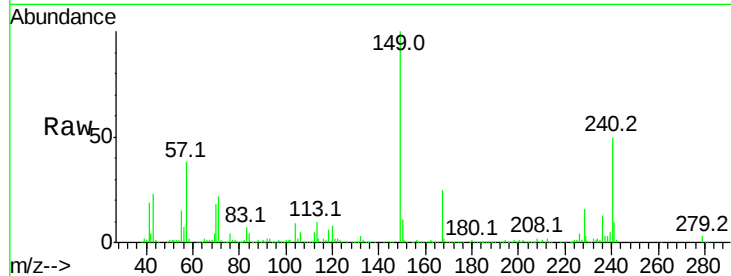
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.56 min Scan# 2001
Delta R.T. -0.07 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Instrument :
BNA_F
ClientSampleId :
A4129MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	200590		
120	15.1	5.8	8.8#	
236	26.1	20.5	30.7	

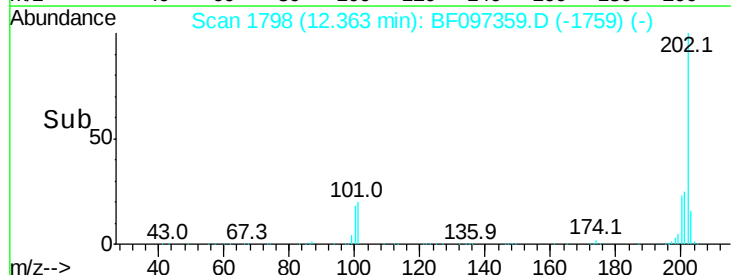
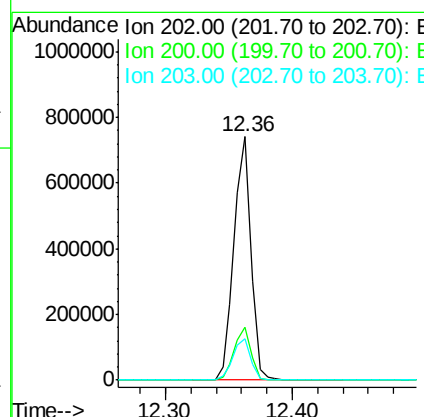
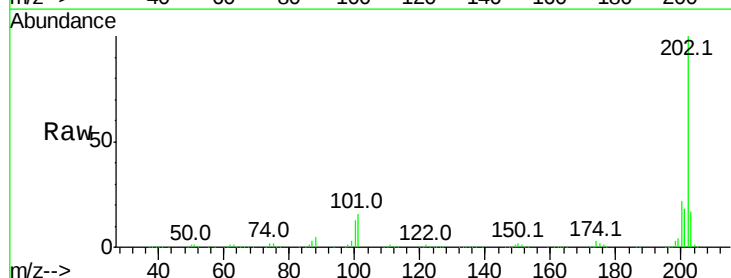
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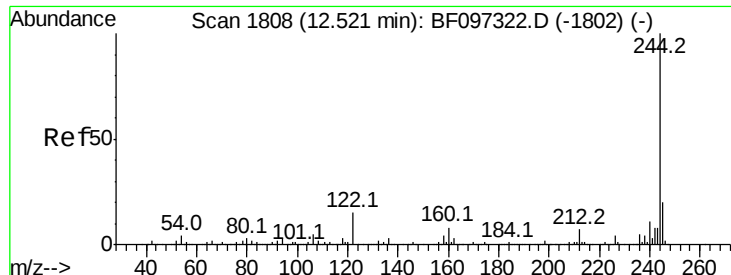
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#77
Pyrene
Concen: 41.836 ng
RT: 12.36 min Scan# 1798
Delta R.T. -0.07 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	687012		
200	21.8	17.6	26.4	
203	17.1	14.4	21.6	





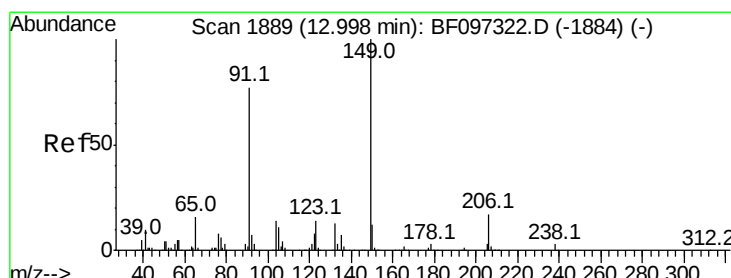
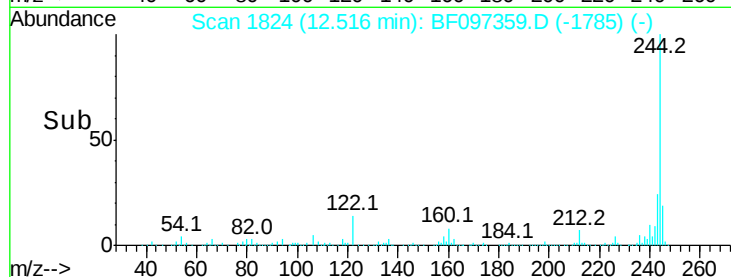
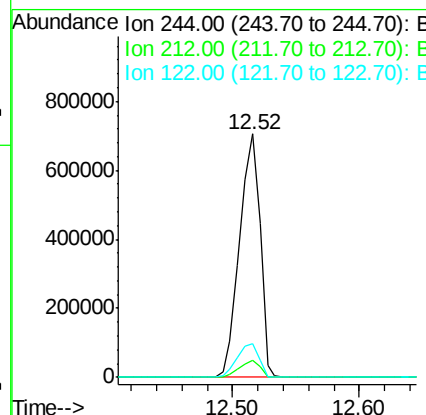
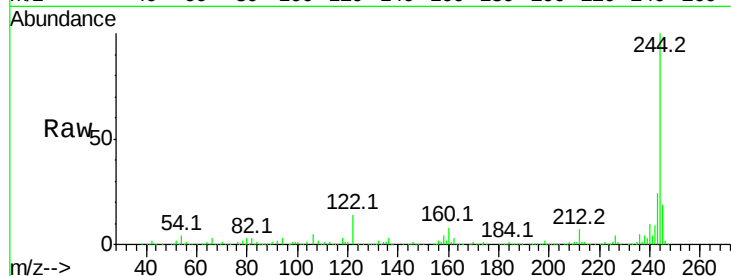
#78
 Terphenyl-d14
 Concen: 79.645 ng
 RT: 12.52 min Scan# 1824
 Delta R.T. -0.07 min
 Lab File: BF097359.D
 Acq: 4 Aug 2017 16:48

Instrument :
 BNA_F
 ClientSampleId :
 A4129MSD

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.8	6.0	9.0	
122	14.1	10.3	15.5	

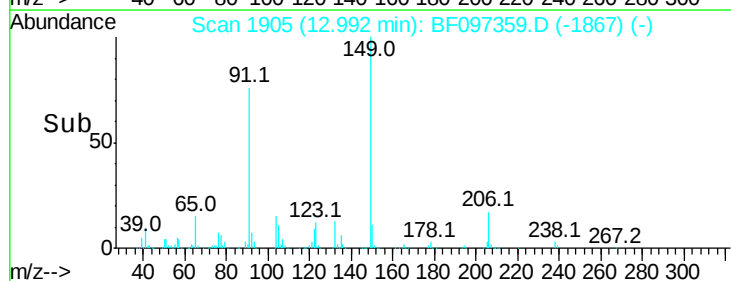
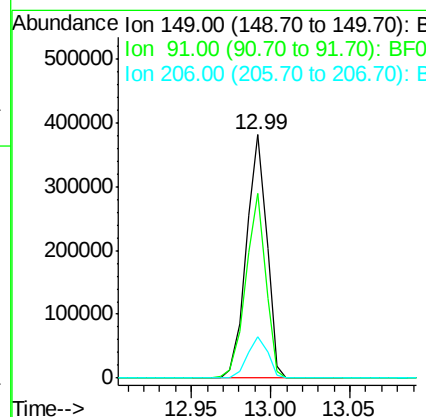
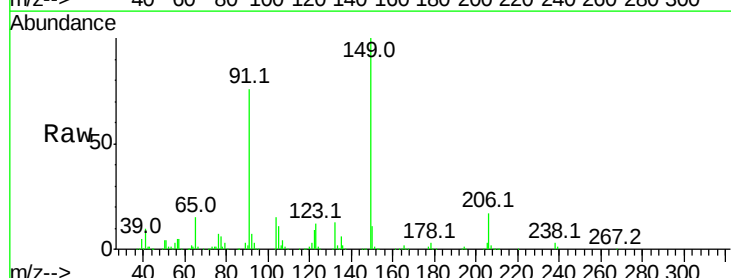
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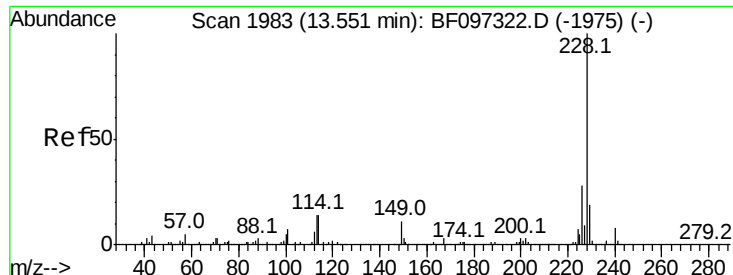
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#79
 Butylbenzylphthalate
 Concen: 40.676 ng
 RT: 12.99 min Scan# 1905
 Delta R.T. -0.08 min
 Lab File: BF097359.D
 Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	75.8	45.0	67.4#	
206	16.9	17.0	25.6#	





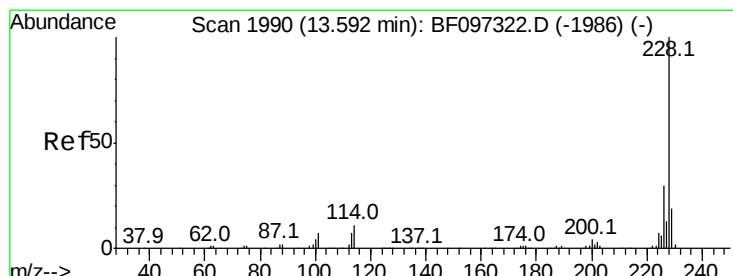
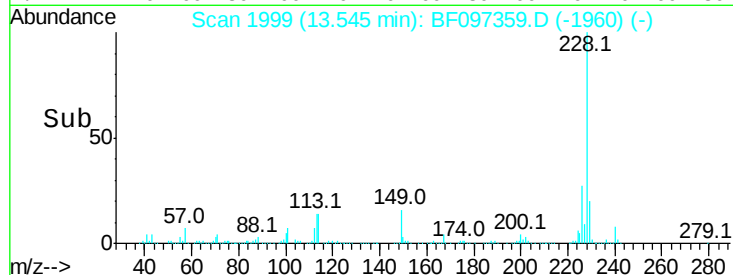
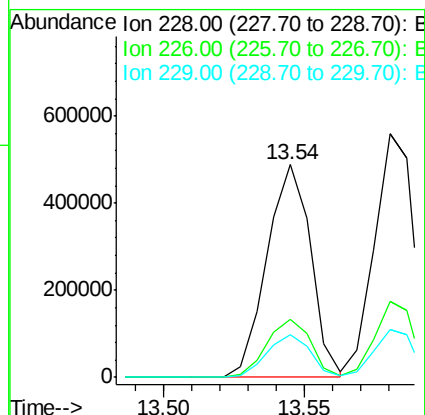
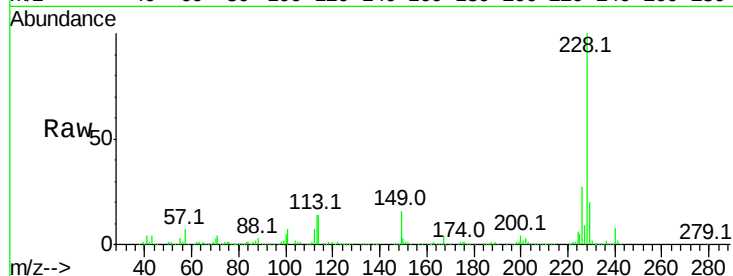
#80
Benzo(a)anthracene
Concen: 40.416 ng
RT: 13.54 min Scan# 1999
Delta R.T. -0.07 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Instrument :
BNA_F
ClientSampleId :
A4129MSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	524556		
226	27.4		22.6	33.8
229	20.2		16.3	24.5

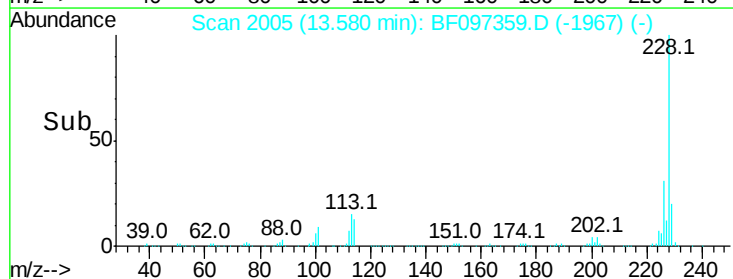
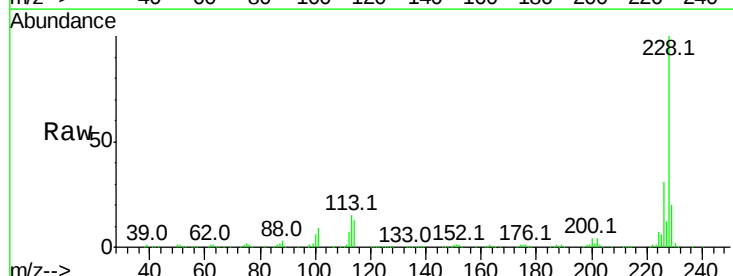
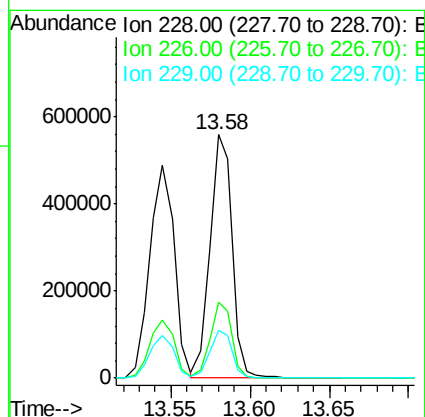
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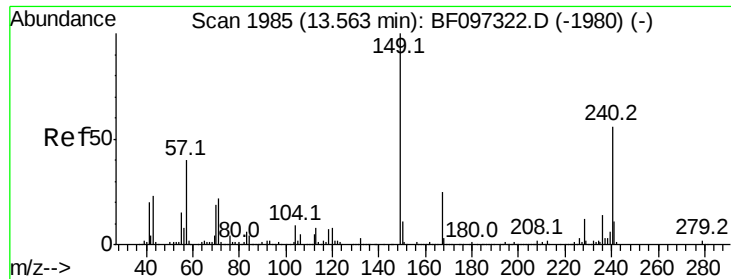
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#82
Chrysene
Concen: 43.030 ng
RT: 13.58 min Scan# 2005
Delta R.T. -0.08 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	545340		
226	31.2		24.9	37.3
229	19.8		15.8	23.6





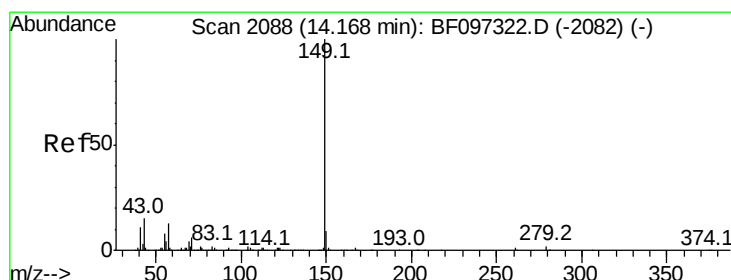
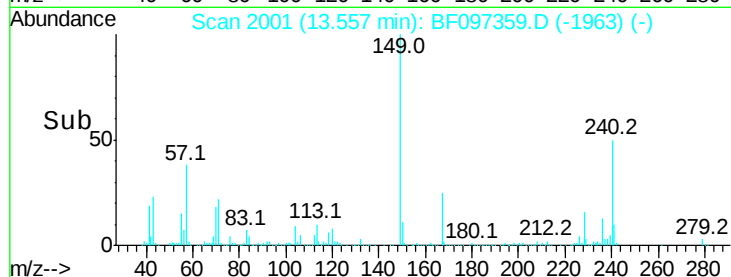
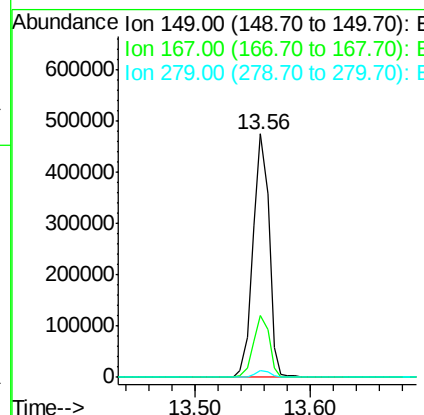
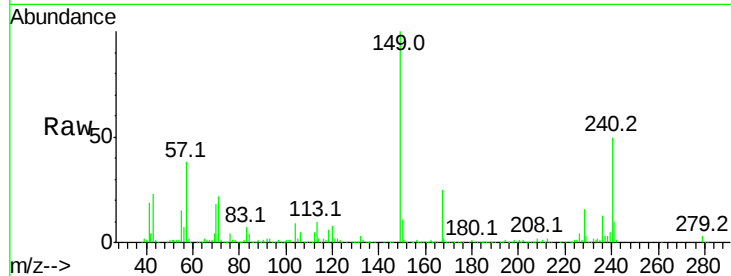
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.771 ng
 RT: 13.56 min Scan# 2001
 Delta R.T. -0.08 min
 Lab File: BF097359.D
 Acq: 4 Aug 2017 16:48

Instrument :
 BNA_F
 ClientSampleId :
 A4129MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.2	21.0	31.4
279	2.6	1.9	2.9

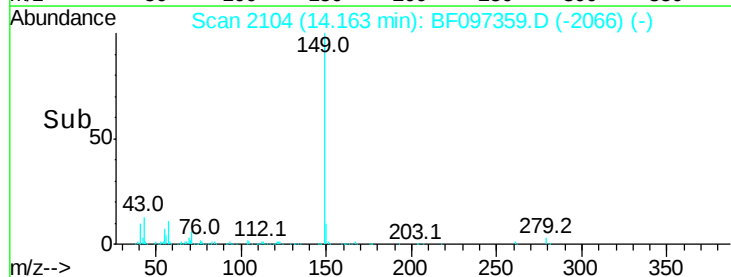
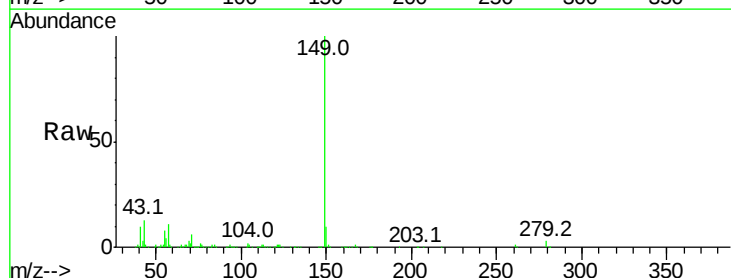
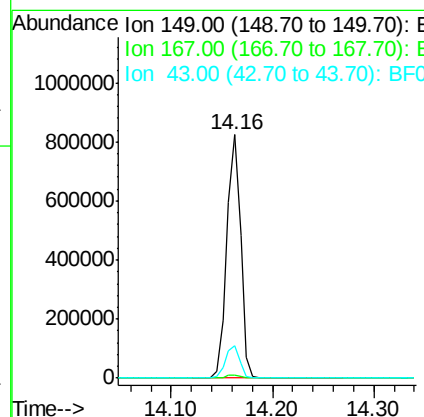
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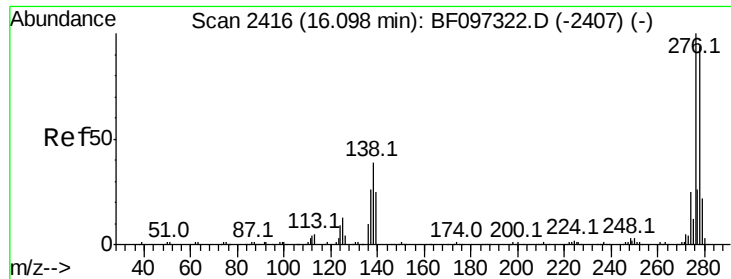
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#84
 Di-n-octyl phthalate
 Concen: 39.117 ng
 RT: 14.16 min Scan# 2104
 Delta R.T. -0.08 min
 Lab File: BF097359.D
 Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	13.5	8.5	12.7#





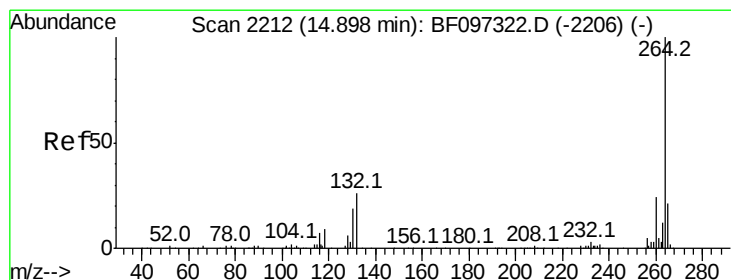
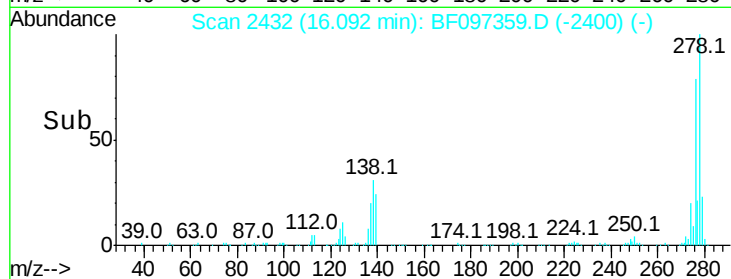
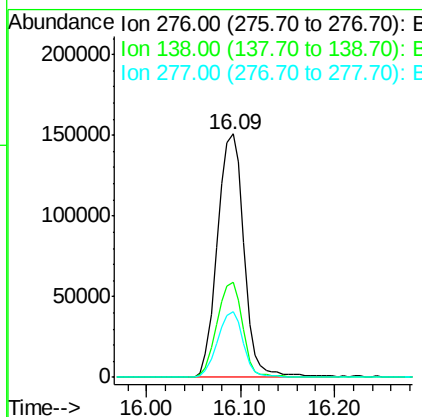
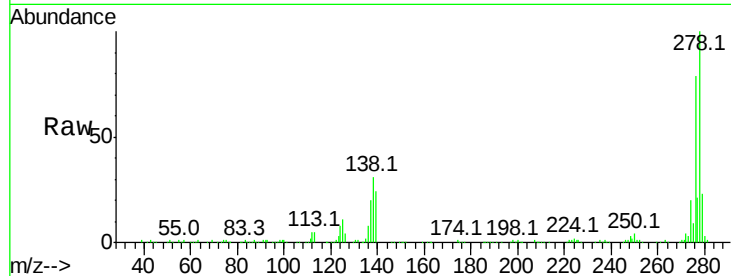
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.579 ng
 RT: 16.09 min Scan# 2432
 Delta R.T. -0.11 min
 Lab File: BF097359.D
 Acq: 4 Aug 2017 16:48

Instrument :
 BNA_F
 ClientSampleId :
 A4129MSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	299705		
138	37.9		27.8	41.6
277	26.0		20.2	30.4

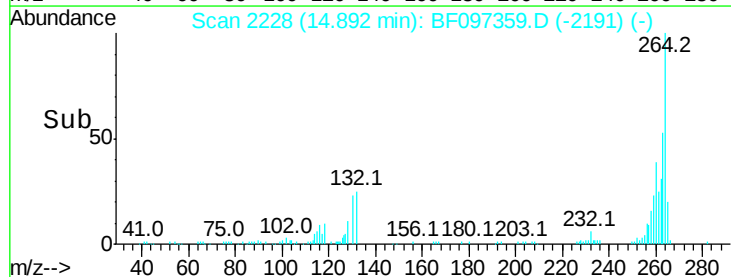
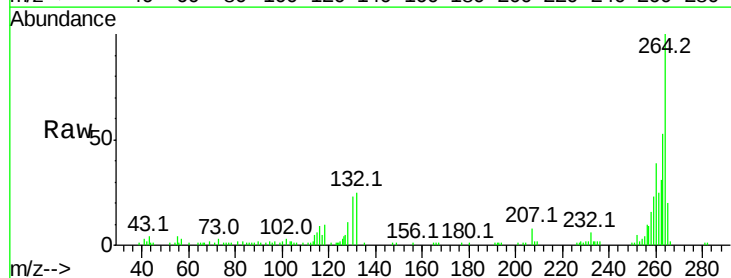
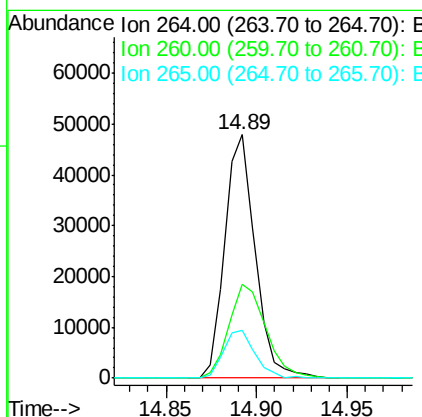
Manual Integrations
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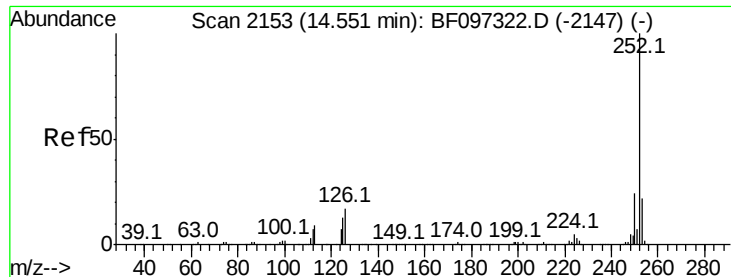
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.89 min Scan# 2228
 Delta R.T. -0.08 min
 Lab File: BF097359.D
 Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	55836		
260	38.5		19.5	29.3#
265	19.7		17.2	25.8





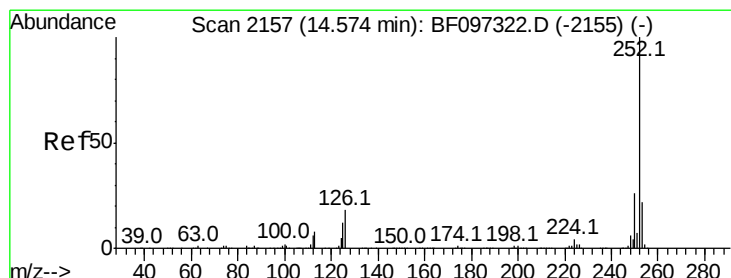
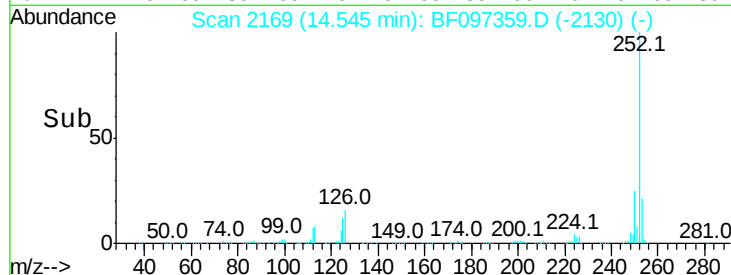
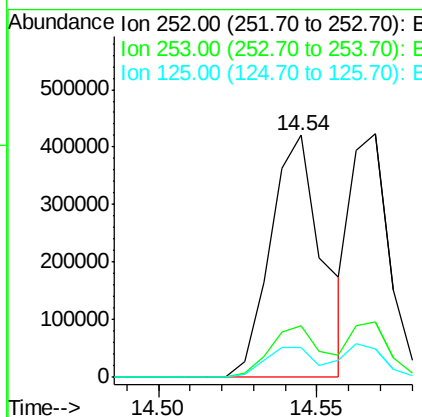
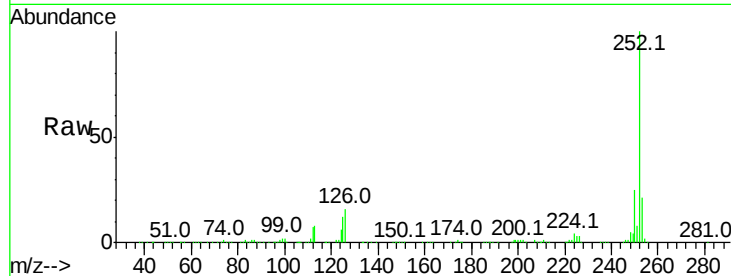
#87
Benzo(b)fluoranthene
Concen: 142.933 ng
RT: 14.54 min Scan# 2169
Delta R.T. -0.07 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Instrument :
BNA_F
ClientSampled :
A4129MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.1	27.1
125	12.4	9.8	14.8

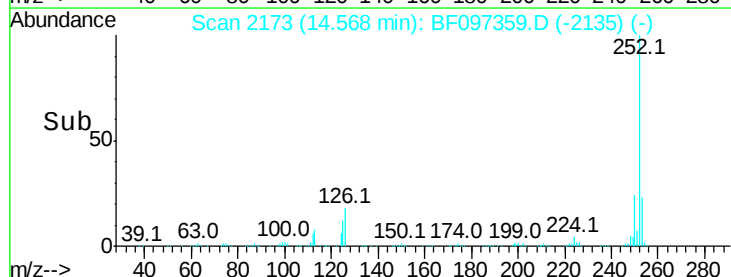
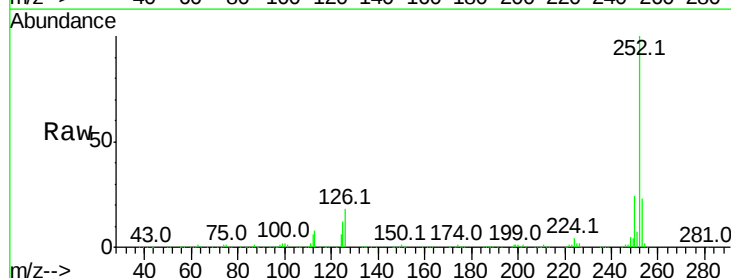
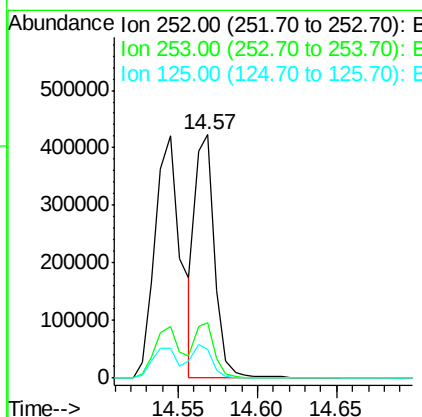
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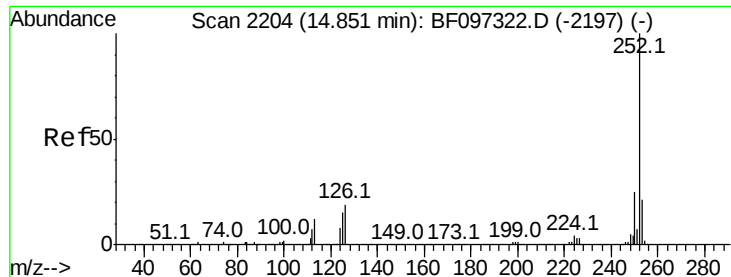
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#88
Benzo(k)fluoranthene
Concen: 113.091 ng
RT: 14.57 min Scan# 2173
Delta R.T. -0.08 min
Lab File: BF097359.D
Acq: 4 Aug 2017 16:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	11.8	13.1	19.7





#89

Benzo(a)pyrene

Concen: 104.062 ng

RT: 14.84 min Scan# 2219

Delta R.T. -0.08 min

Lab File: BF097359.D

Acq: 4 Aug 2017 16:48

Instrument :

BNA_F

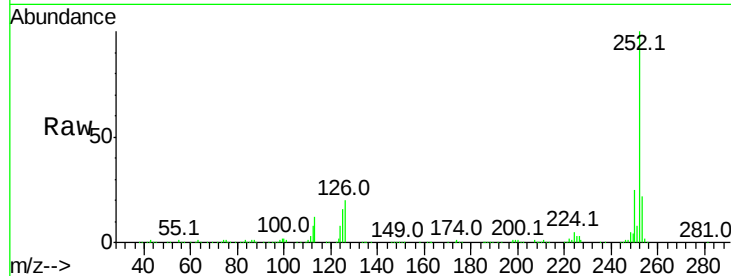
ClientSampleId :

A4129MSD

Tot Ion:	252	Resp:	319667
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.5	26.3
125	15.9	11.0	16.4

Manual Integrations
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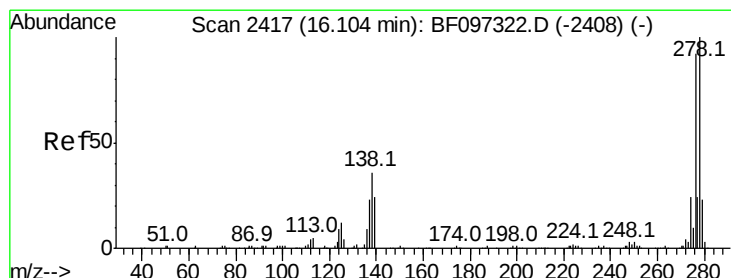
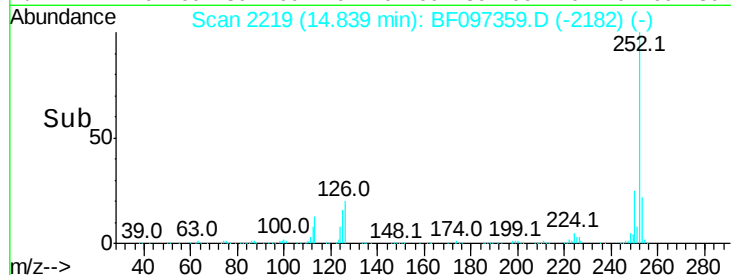
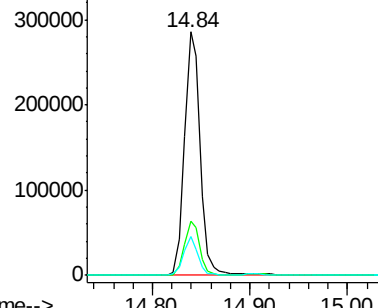
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 125.652 ng

RT: 16.09 min Scan# 2432

Delta R.T. -0.12 min

Lab File: BF097359.D

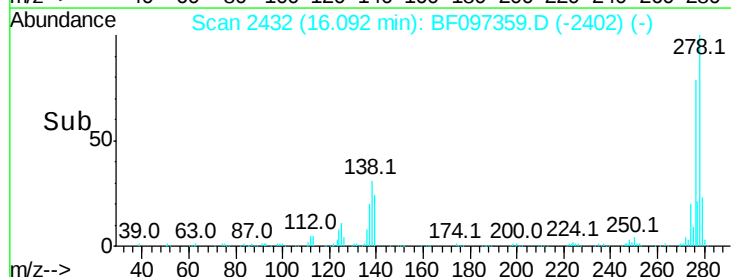
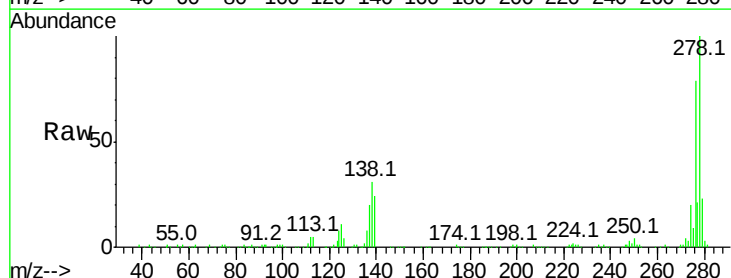
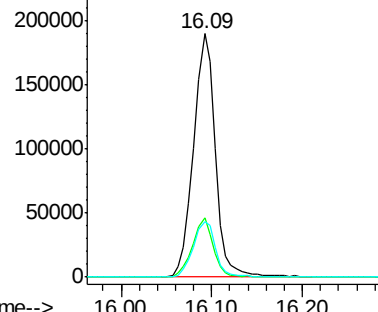
Acq: 4 Aug 2017 16:48

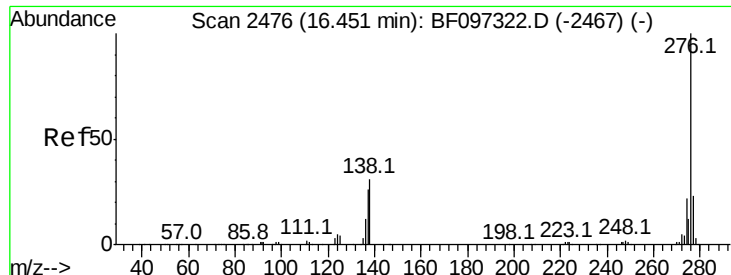
Tgt Ion:	278	Resp:	316528
Ion Ratio	Lower	Upper	
278	100		
139	24.3	16.6	24.8
279	22.6	19.3	28.9

Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 104.981 ng
 RT: 16.44 min Scan# 2491
 Delta R.T. -0.13 min
 Lab File: BF097359.D
 Acq: 4 Aug 2017 16:48

Instrument :
 BNA_F
 ClientSampleId :
 A4129MSD

Tot Ion:	276	Resp:	277327
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.6	28.0
138	33.7	25.4	38.0

Manual Integrations
 APPROVED

Sohil
 8/7/2017 6:09:33 PM

