

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093976.D
 Acq On : 28 Mar 2017 7:01
 Operator : SJ/MA
 Sample : PB97833BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BS

Manual Integrations
 APPROVED

mohammad
 3/28/2017 3:43:33 PM

Quant Time: Mar 28 07:26:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.94	152	174184	20.00	ng	-0.01
21) Naphthalene-d8	7.45	136	706355	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	306816	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	501313	20.00	ng	0.00
75) Chrysene-d12	14.67	240	310620	20.00	ng	-0.01
86) Perylene-d12	16.30	264	290321	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.48	112	905903	87.84	ng	0.00
7) Phenol-d6	5.54	99	1148404	90.02	ng	-0.01
23) Nitrobenzene-d5	6.59	82	1005440	81.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	220262	90.85	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1768277	87.91	ng	0.00
78) Terphenyl-d14	13.39	244	1217412	87.85	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.36	88	158912	32.07	ng	98
3) Pyridine	2.84	79	462745	34.27	ng	99
4) n-Nitrosodimethylamine	2.80	42	224607	40.43	ng	90
6) Aniline	5.56	93	295636	16.66	ng	# 80
8) 2-Chlorophenol	5.70	128	506168	44.65	ng	95
9) Benzaldehyde	5.43	77	89326	10.37	ng	98
10) Phenol	5.56	94	605586	41.71	ng	99
11) bis(2-Chloroethyl)ether	5.65	93	464130	40.91	ng	97
12) 1,3-Dichlorobenzene	5.87	146	517661	40.71	ng	98
13) 1,4-Dichlorobenzene	5.96	146	527730	40.98	ng	96
14) 1,2-Dichlorobenzene	6.13	146	490266	41.34	ng	97
15) Benzyl Alcohol	6.10	79	417344	44.69	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.27	45	656136	37.53	ng	97
17) 2-Methylphenol	6.25	107	421682	43.44	ng	97
18) Hexachloroethane	6.53	117	182789	40.38	ng	# 80
19) n-Nitroso-di-n-propylamine	6.43	70	333516	40.67	ng	96
20) 3+4-Methylphenols	6.43	107	516843	43.96	ng	# 65
22) Acetophenone	6.42	105	688920	43.76	ng	# 89
24) Nitrobenzene	6.62	77	510642	41.83	ng	93
25) Isophorone	6.90	82	908501	41.77	ng	95
26) 2-Nitrophenol	6.99	139	265321	45.58	ng	96
27) 2,4-Dimethylphenol	7.05	122	457422	45.60	ng	98
28) bis(2-Chloroethoxy)methane	7.16	93	587888	40.99	ng	98
29) 2,4-Dichlorophenol	7.29	162	424772	45.29	ng	100
30) 1,2,4-Trichlorobenzene	7.38	180	412067	42.66	ng	98
31) Naphthalene	7.47	128	1383555	40.74	ng	100
32) Benzoic acid	7.22	122	313008	46.88	ng	93
33) 4-Chloroaniline	7.53	127	101622	7.38	ng	93
34) Hexachlorobutadiene	7.63	225	207972	41.98	ng	98
35) Caprolactam	7.99	113	138985m	46.47	ng	
36) 4-Chloro-3-methylphenol	8.16	107	445615	45.47	ng	90
37) 2-Methylnaphthalene	8.32	142	959944	42.40	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	354398	42.22	ng	99
40) Hexachlorocyclopentadiene	8.52	237	234173	59.62	ng	99

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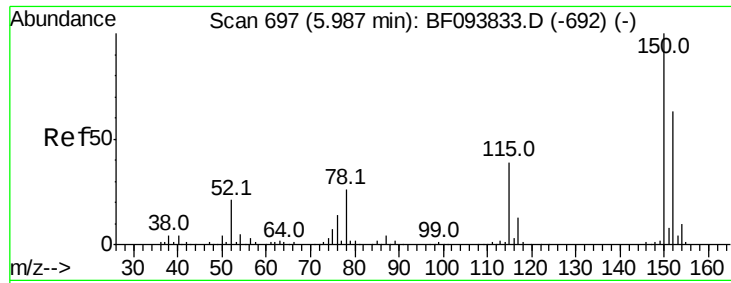
Manual Integrations
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Quant Time: Mar 28 07:26:20 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.67	196	278293	46.86	nq	98
43) 2,4,5-Trichlorophenol	8.72	196	285406	44.42	nq	95
45) 1,1'-Biphenyl	8.89	154	1070334	43.25	nq	98
46) 2-Chloronaphthalene	8.91	162	840613	43.39	nq	94
47) 2-Nitroaniline	9.04	65	254462	44.28	nq	# 77
48) Acenaphthylene	9.42	152	1315015	40.84	nq	100
49) Dimethylphthalate	9.28	163	998596	45.79	nq	100
50) 2,6-Dinitrotoluene	9.35	165	224791	44.96	nq	94
51) Acenaphthene	9.63	154	777264	41.37	nq	99
52) 3-Nitroaniline	9.54	138	132211	22.52	nq	90
53) 2,4-Dinitrophenol	9.67	184	99800	39.79	nq	# 68
54) Dibenzofuran	9.85	168	1136735	44.45	nq	99
55) 4-Nitrophenol	9.78	139	354222	77.04	nq	# 68
56) 2,4-Dinitrotoluene	9.84	165	271272	43.19	nq	# 75
57) Fluorene	10.27	166	838294	39.53	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	205622	46.64	nq	98
59) Diethylphthalate	10.15	149	952687	44.20	nq	98
60) 4-Chlorophenyl-phenylether	10.27	204	365052	40.41	nq	88
61) 4-Nitroaniline	10.30	138	224032	39.77	nq	95
62) Azobenzene	10.47	77	904395	44.35	nq	95
64) 4,6-Dinitro-2-methylphenol	10.34	198	71529	23.30	nq	# 67
65) n-Nitrosodiphenylamine	10.42	169	801302	46.22	nq	100
66) 4-Bromophenyl-phenylether	10.87	248	228307	46.31	nq	96
67) Hexachlorobenzene	10.95	284	225863	45.25	nq	# 92
68) Atrazine	11.09	200	200926	38.69	nq	96
69) Pentachlorophenol	11.19	266	226608	72.94	nq	96
70) Phenanthrene	11.45	178	1177229	42.21	nq	100
71) Anthracene	11.51	178	1223006	42.59	nq	99
72) Carbazole	11.71	167	1113057	37.80	nq	99
73) Di-n-butylphthalate	12.16	149	1430185	46.71	nq	99
74) Fluoranthene	12.91	202	1073775	37.60	nq	99
76) Benzidine	13.07	184	101965	8.29	nq	# 92
77) Pyrene	13.18	202	1060086	47.03	nq	99
79) Butylbenzylphthalate	14.00	149	512495	53.36	nq	# 83
80) Benzo(a)anthracene	14.66	228	803457	44.36	nq	98
81) 3,3'-Dichlorobenzidine	14.63	252	206997	31.97	nq	# 95
82) Chrysene	14.70	228	713967	42.48	nq	99
83) Bis(2-ethylhexyl)phthalate	14.72	149	689941	52.65	nq	# 99
84) Di-n-octyl phthalate	15.47	149	1090463	49.81	nq	98
85) Indeno(1,2,3-cd)pyrene	17.67	276	712403	48.94	nq	99
87) Benzo(b)fluoranthene	15.89	252	772478	43.41	nq	98
88) Benzo(k)fluoranthene	15.92	252	700313m	40.22	nq	
89) Benzo(a)pyrene	16.24	252	724152	44.19	nq	98
90) Dibenzo(a,h)anthracene	17.69	278	606464	43.70	nq	98
91) Benzo(g,h,i)perylene	18.08	276	566213	40.48	nq	98

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



#1

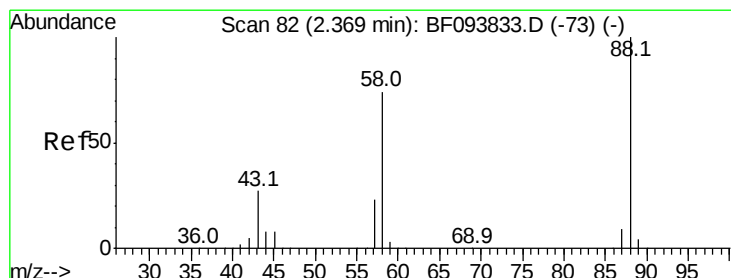
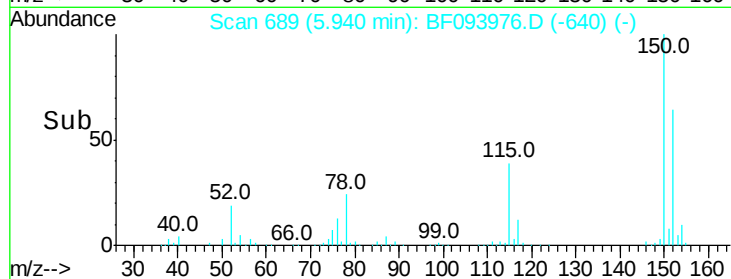
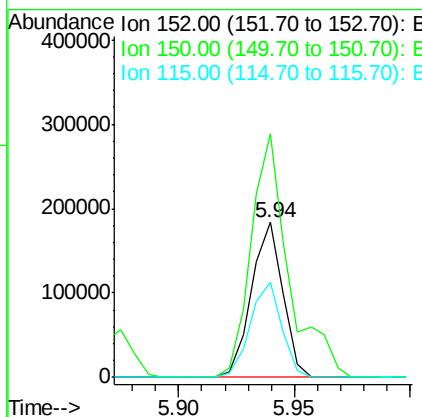
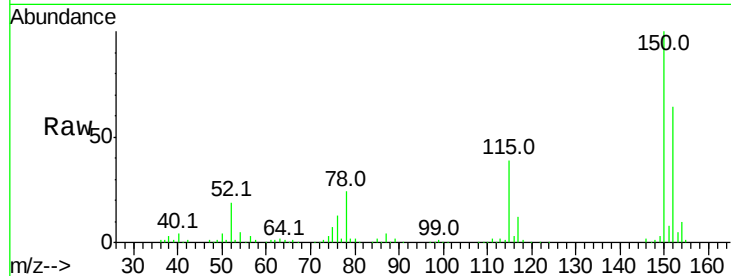
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.94 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Instrument :
BNA_F
ClientSampleId :
PB97833BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.2	189.2
115	61.8	52.2	78.2

Manual Integrations
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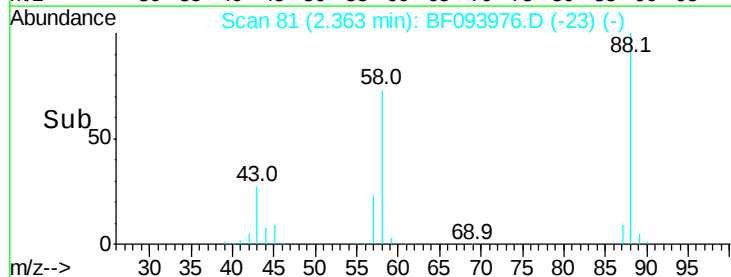
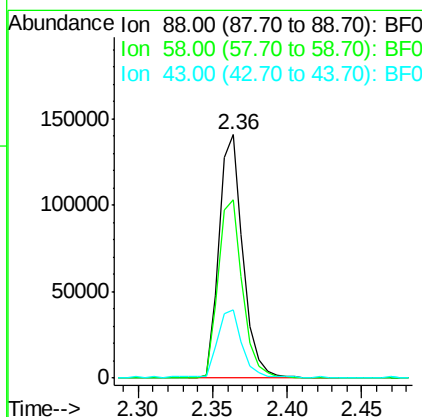
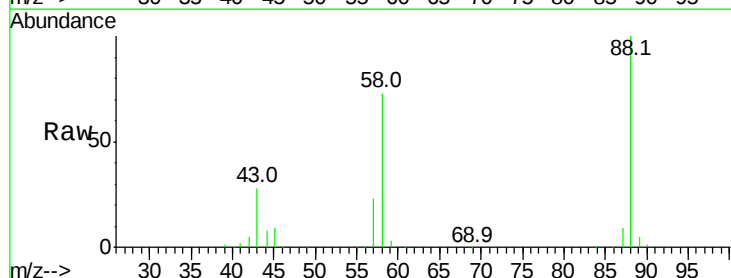
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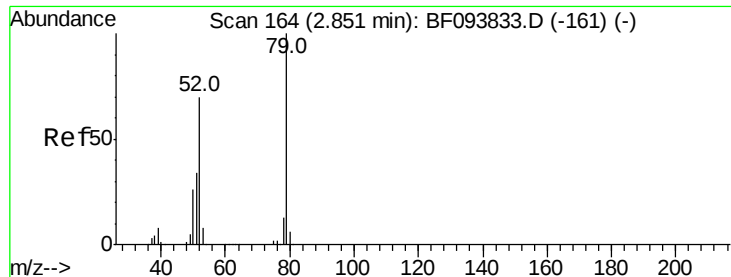


#2

1,4-Dioxane
Concen: 32.07 ng
RT: 2.36 min Scan# 81
Delta R.T. 0.04 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.7	61.4	92.0
43	28.0	23.4	35.0





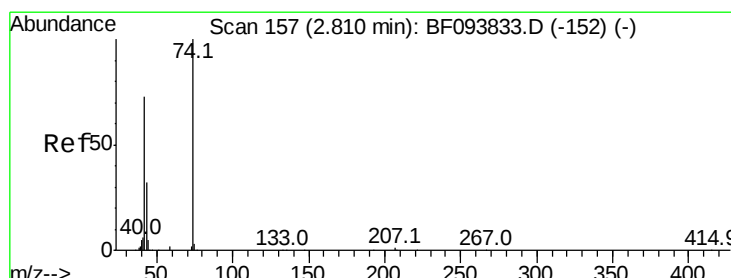
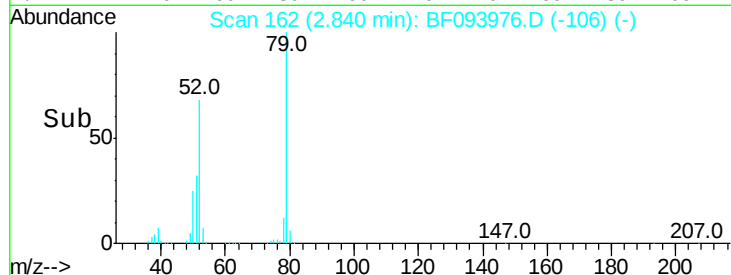
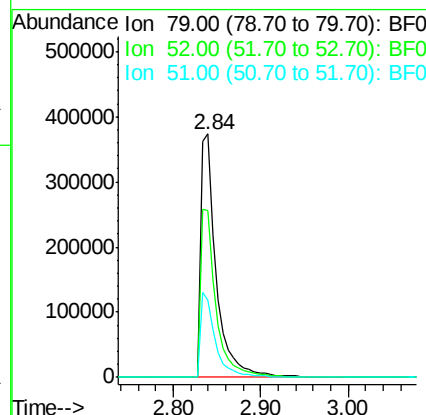
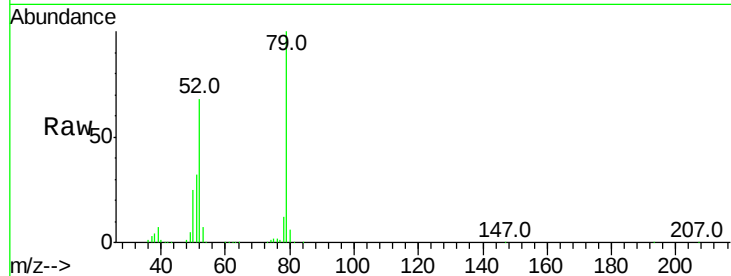
#3
 Pvridine
 Concen: 34.27 ng
 RT: 2.84 min Scan# 162
 Delta R.T. 0.03 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.5	54.8	82.2
51	31.6	27.0	40.4

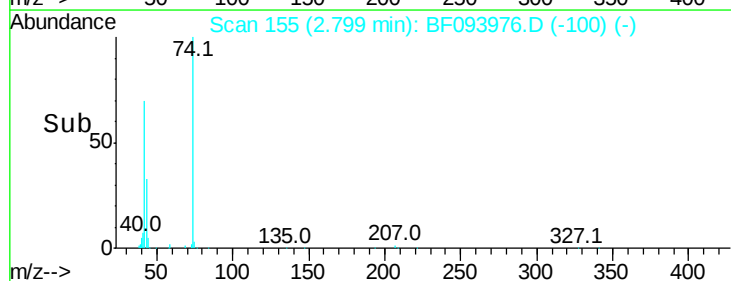
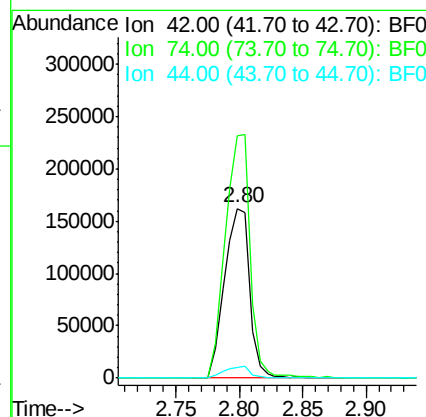
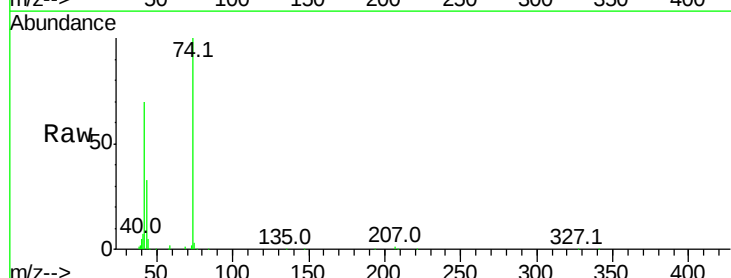
Manual Integrations
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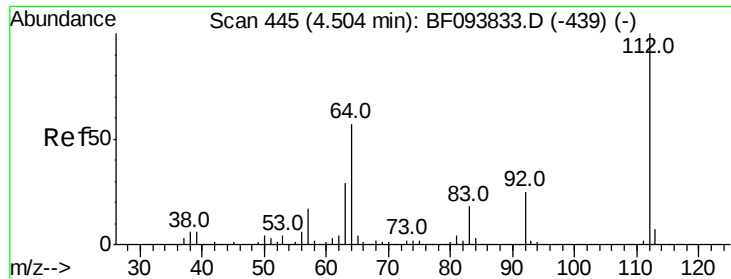
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#4
 n-Nitrosodimethylamine
 Concen: 40.43 ng
 RT: 2.80 min Scan# 155
 Delta R.T. 0.02 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.5	103.9	155.9
44	6.6	5.7	8.5





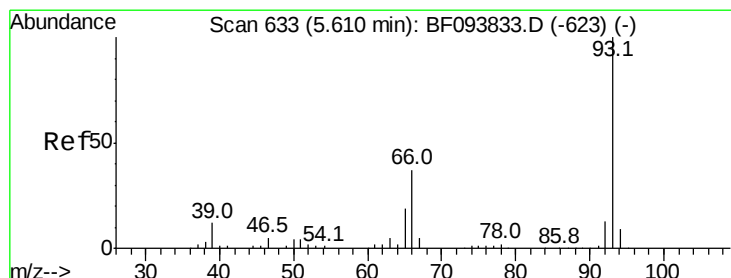
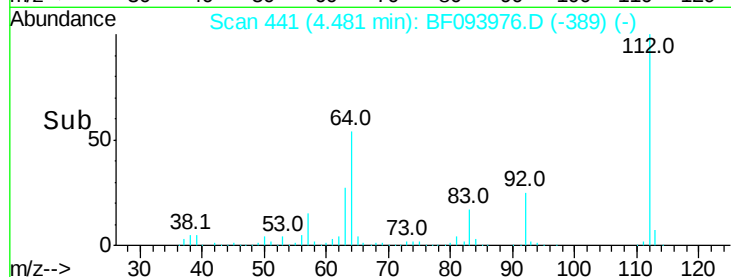
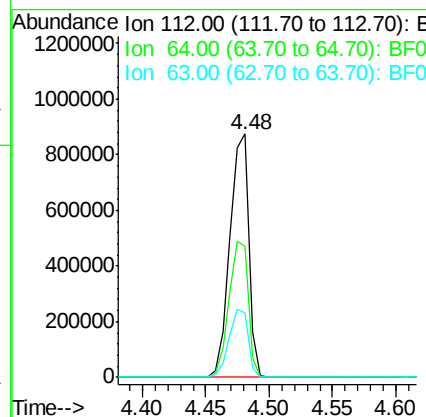
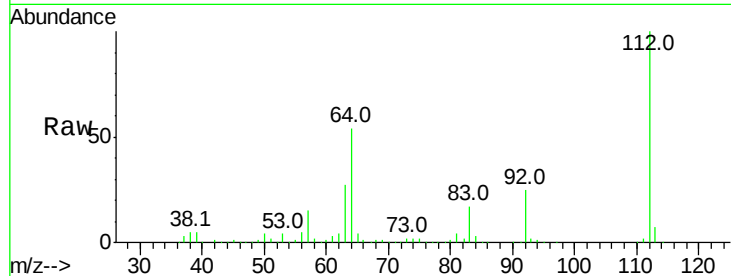
#5
2-Fluorophenol
Concen: 87.84 ng
RT: 4.48 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Instrument :
BNA_F
ClientSampleId :
PB97833BS

Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	53.7	46.0	69.0
63	26.5	23.4	35.0

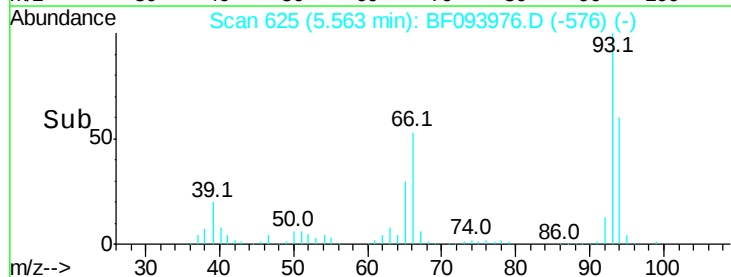
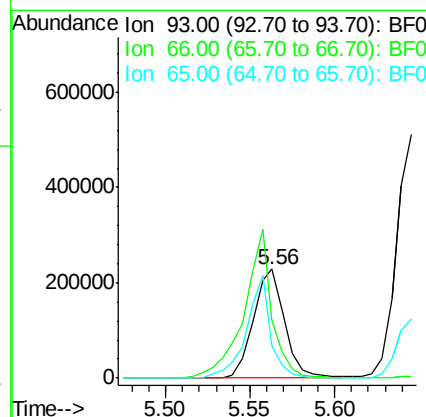
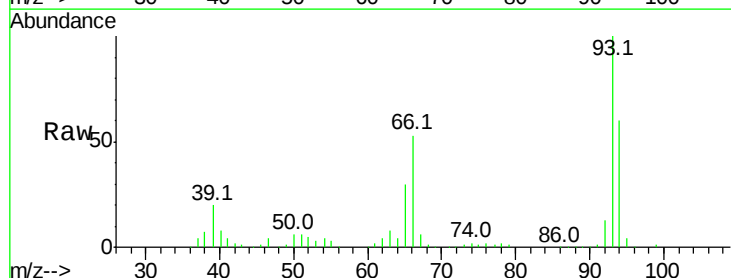
Manual Integrations
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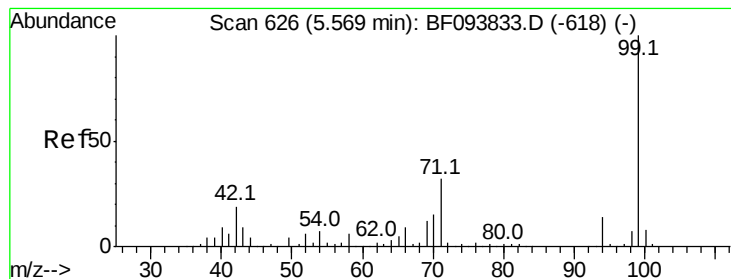
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#6
Aniline
Concen: 16.66 ng
RT: 5.56 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	53.2	32.9	49.3#
65	29.5	16.0	24.0#





#7

Phenol-d6

Concen: 90.02 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

ClientSampled :

PB97833BS

Tot Ion: 99 Resp: 1148404

Ion Ratio Lower Upper

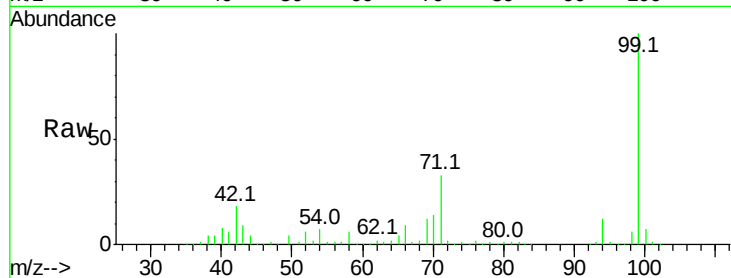
99 100

42 17.7 13.5 20.3

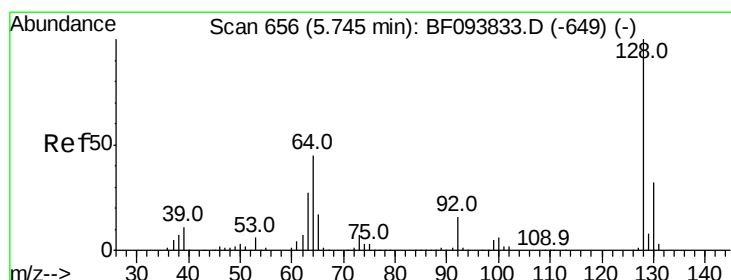
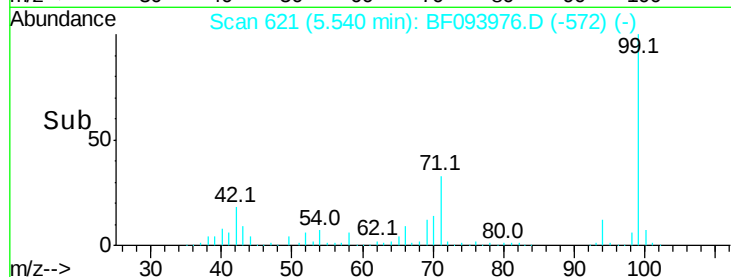
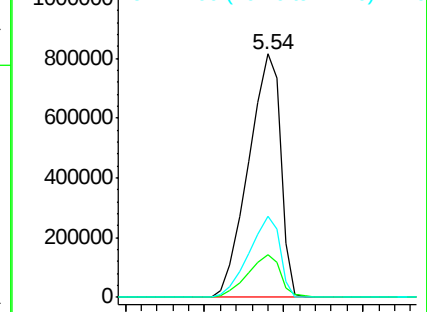
71 33.2 24.5 36.7

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



#8

2-Chlorophenol

Concen: 44.65 ng

RT: 5.70 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

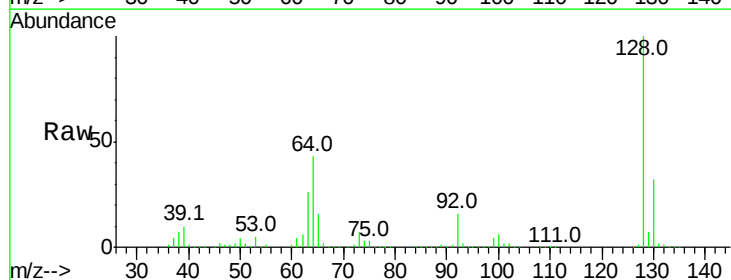
Tgt Ion: 128 Resp: 506168

Ion Ratio Lower Upper

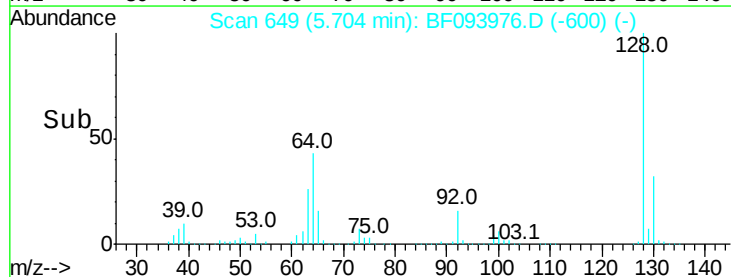
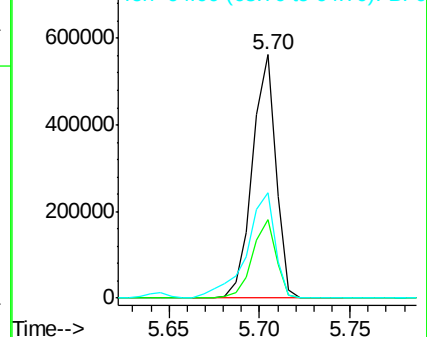
128 100

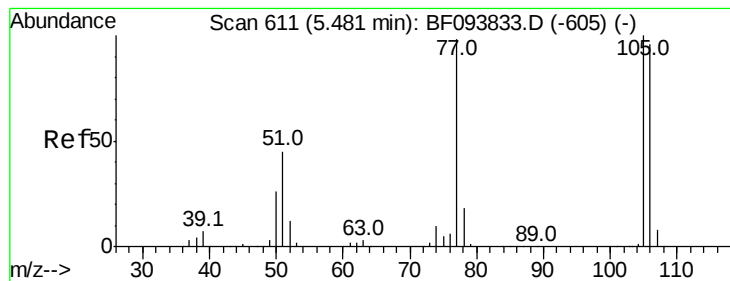
130 32.4 12.9 52.9

64 43.3 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 10.37 ng

RT: 5.43 min Scan# 602

Delta R.T. -0.02 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

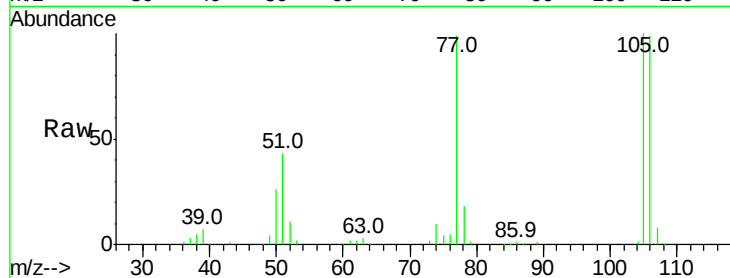
ClientSampled :

PB97833BS

Tot Ion:	77	Resp:	89326
Ion Ratio	Lower	Upper	
77	100		
105	101.0	83.8	123.8
106	99.6	79.1	119.1

Manual Integrations
APPROVED

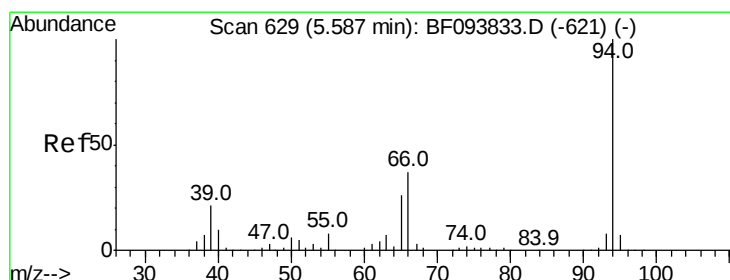
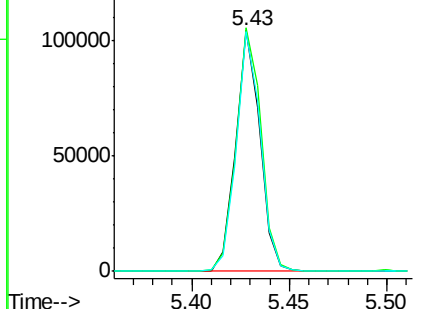
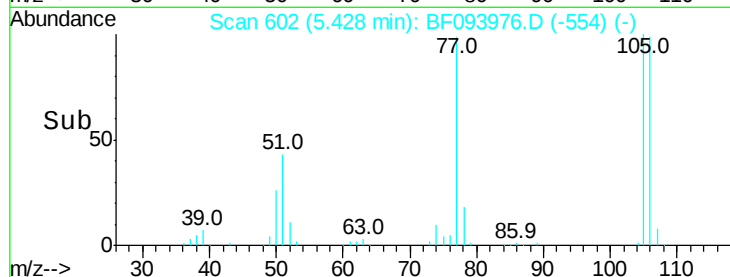
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.71 ng

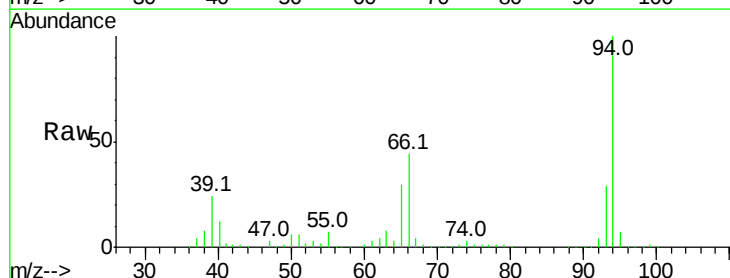
RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

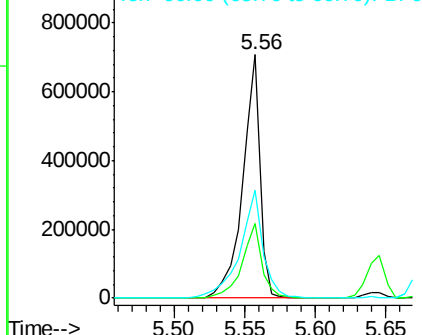
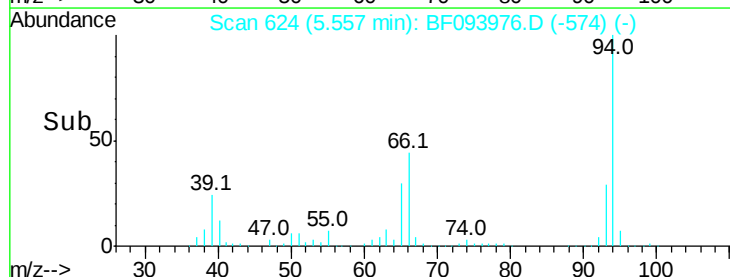
Tgt Ion:	94	Resp:	605586
Ion Ratio	Lower	Upper	
94	100		
65	30.4	9.9	49.9
66	44.3	23.1	63.1

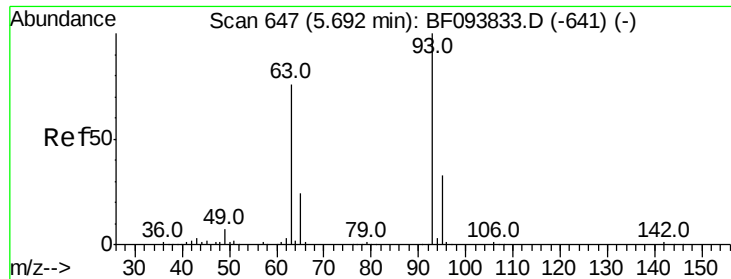


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.91 ng

RT: 5.65 min Scan# 639

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

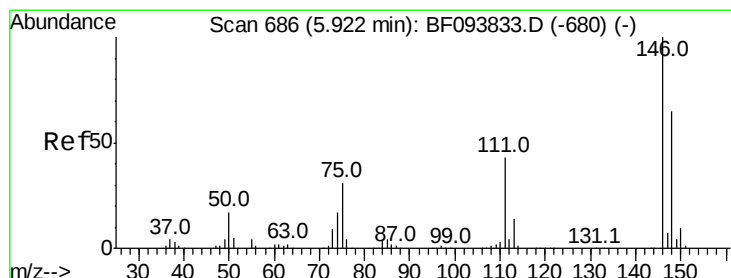
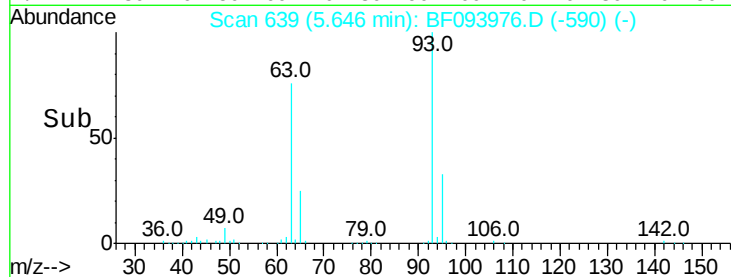
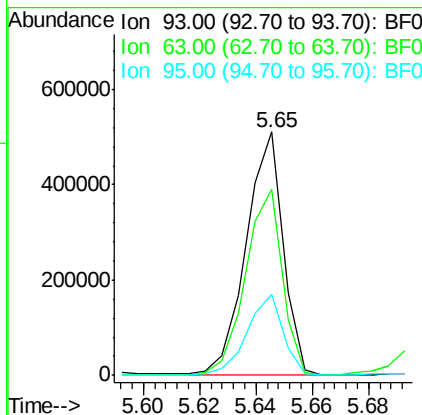
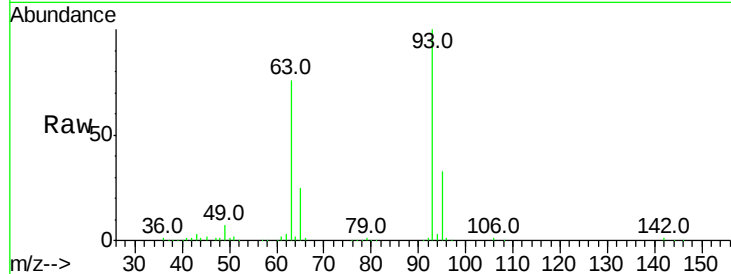
ClientSampleId :

PB97833BS

Tot Ion:	93	Resp:	464130
Ion Ratio	Lower	Upper	
93	100		
63	76.3	59.2	99.2
95	33.4	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 40.71 ng

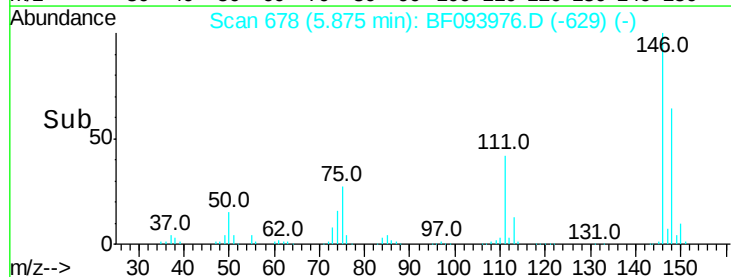
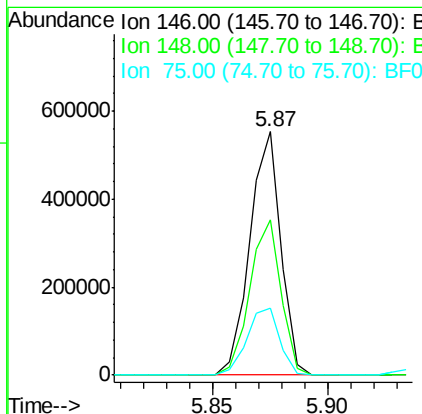
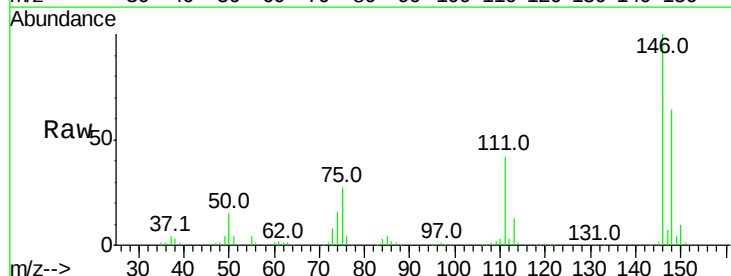
RT: 5.87 min Scan# 678

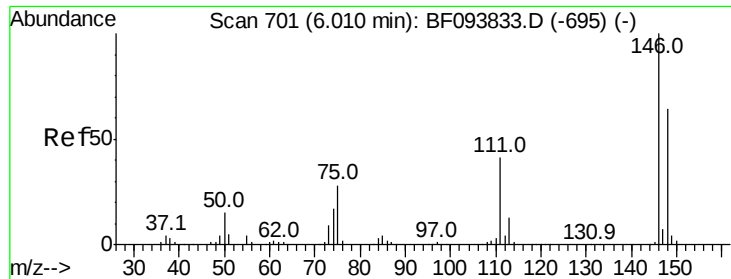
Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Tgt Ion:	146	Resp:	517661
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.8	77.6
75	27.3	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 40.98 ng

RT: 5.96 min Scan# 692

Delta R.T. -0.02 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

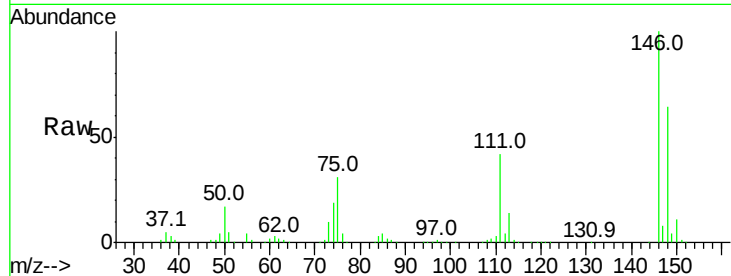
ClientSampleId :

PB97833BS

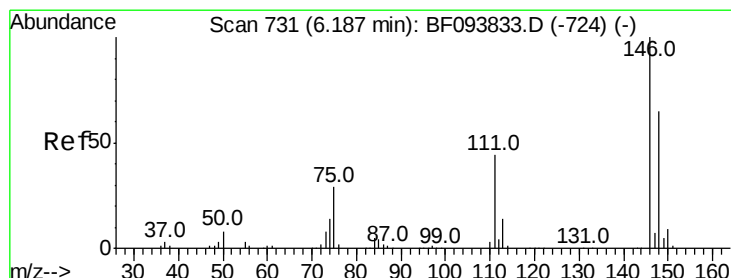
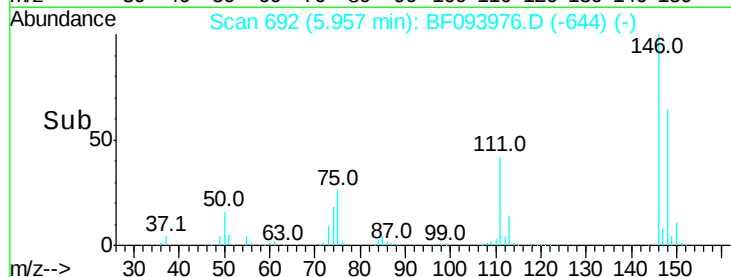
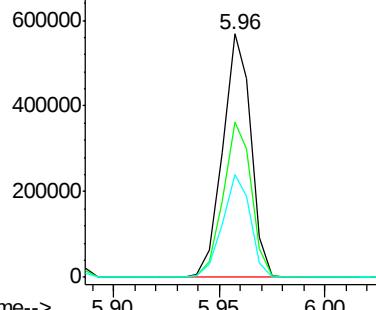
Tot Ion:	146	Resp:	527730
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.2	78.2
111	42.2	30.3	45.5

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.34 ng

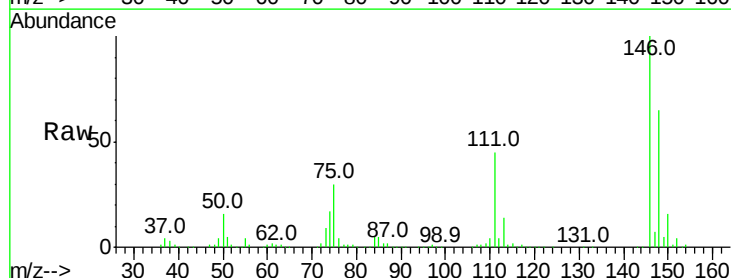
RT: 6.13 min Scan# 722

Delta R.T. -0.02 min

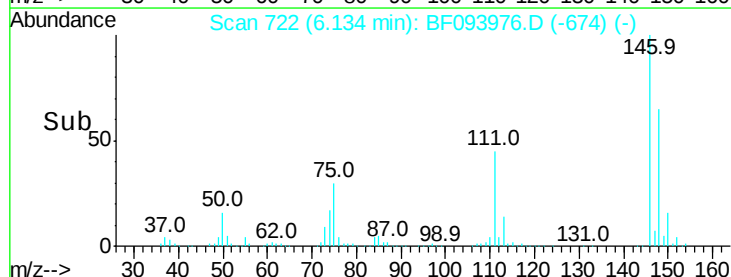
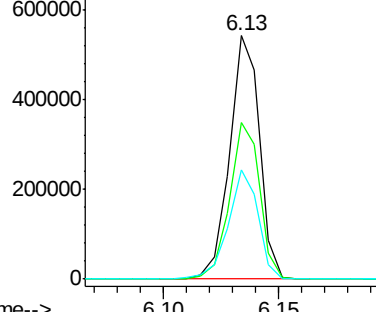
Lab File: BF093976.D

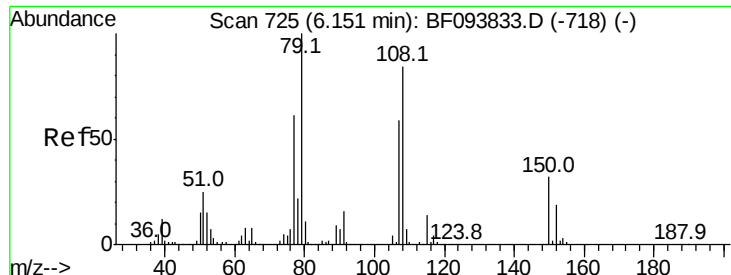
Acq: 28 Mar 2017 7:01

Tgt Ion:	146	Resp:	490266
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.4	75.6
111	44.9	38.2	57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.69 ng

RT: 6.10 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

ClientSampled :

PB97833BS

Tot Ion: 79 Resp: 417344

Ion Ratio Lower Upper

79 100

108 80.5 63.4 95.0

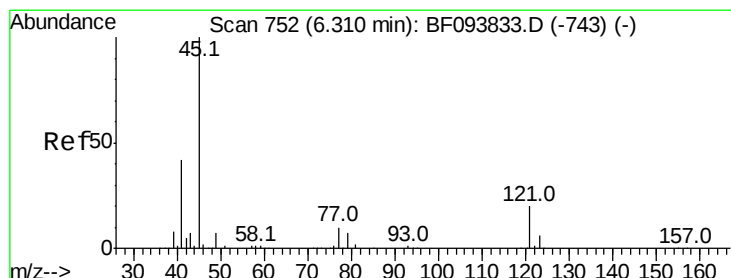
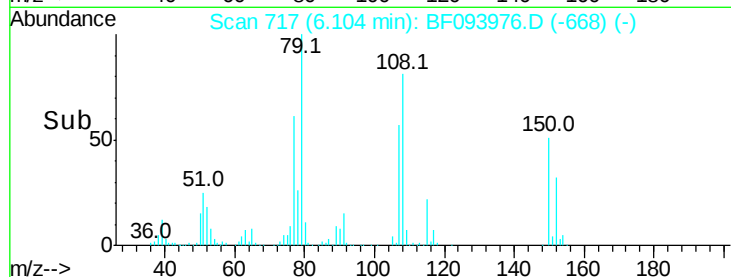
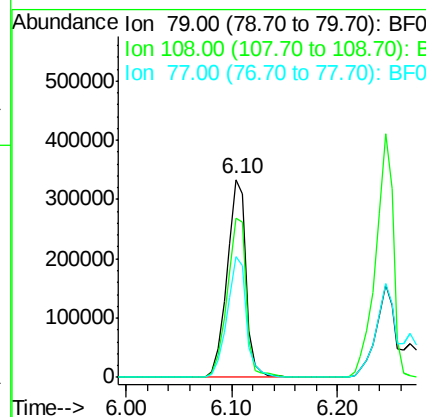
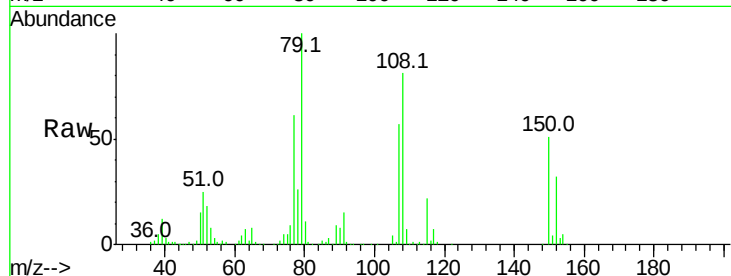
77 60.8 49.2 73.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.53 ng

RT: 6.27 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

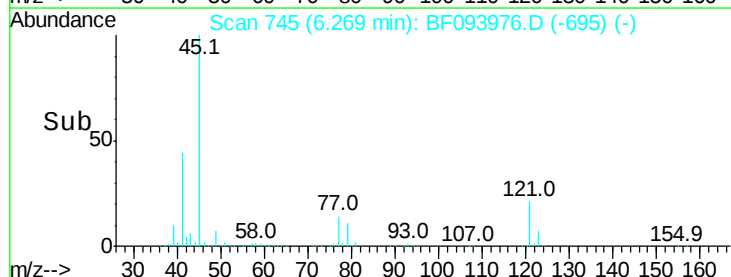
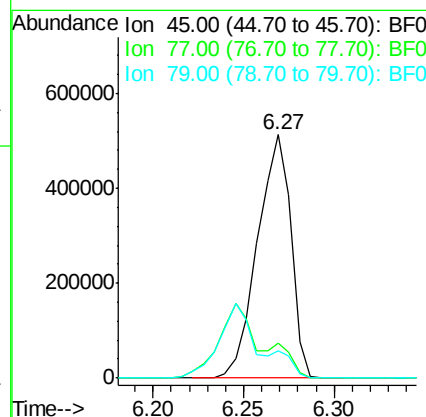
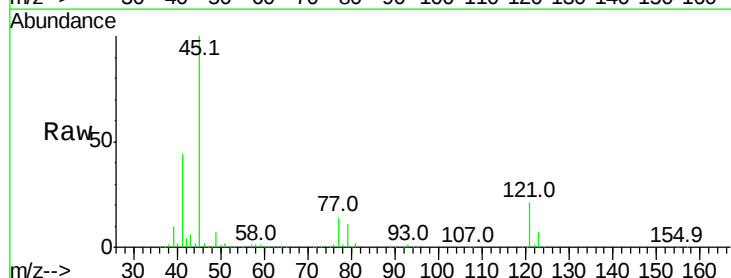
Tgt Ion: 45 Resp: 656136

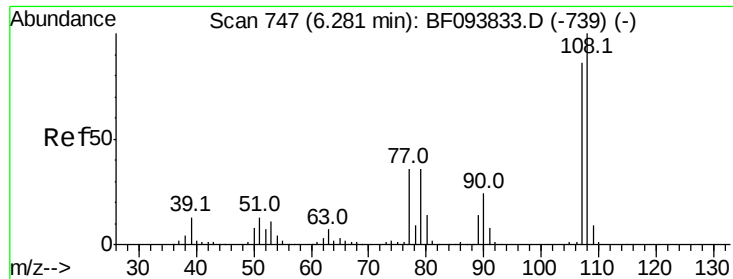
Ion Ratio Lower Upper

45 100

77 14.4 0.0 33.2

79 11.0 0.0 30.0





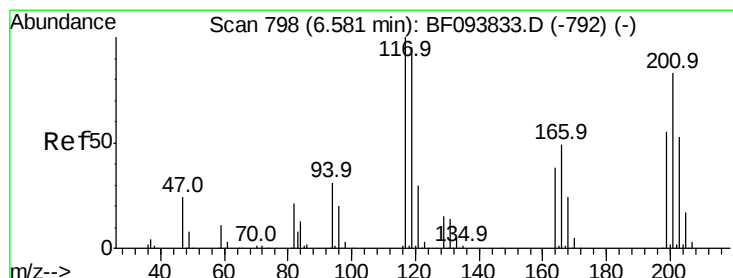
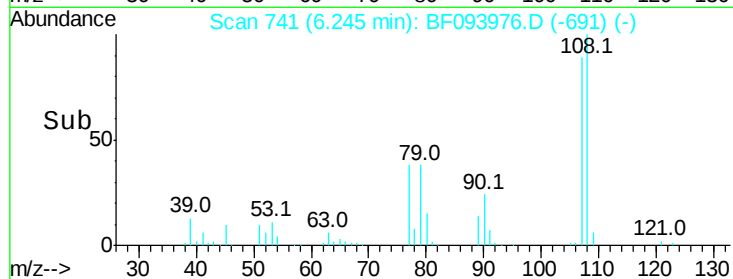
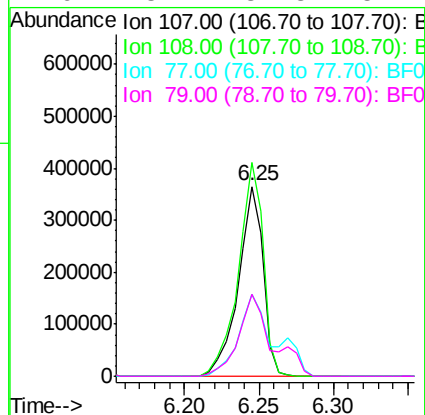
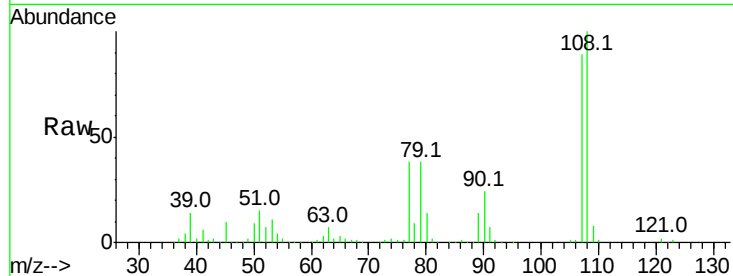
#17
2-Methylphenol
Concen: 43.44 ng
RT: 6.25 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Instrument :
BNA_F
ClientSampleId :
PB97833BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	93.4	140.0	
77	43.2	35.8	53.6	
79	43.1	34.8	52.2	

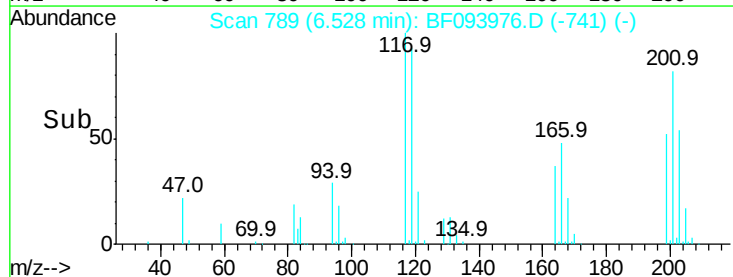
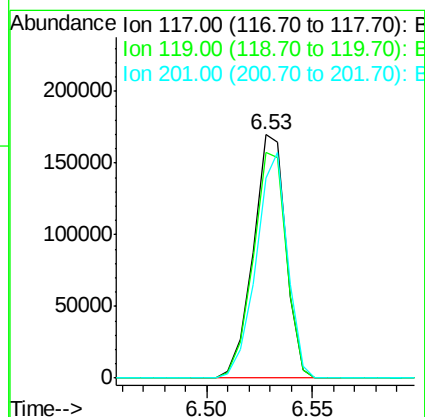
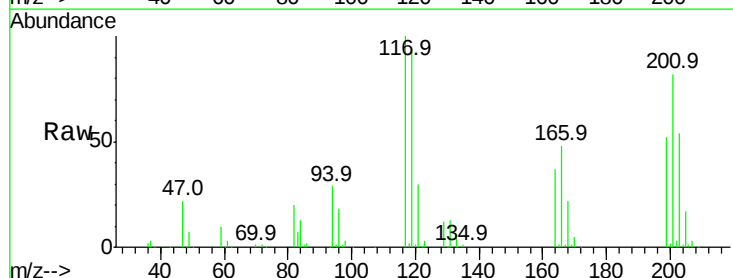
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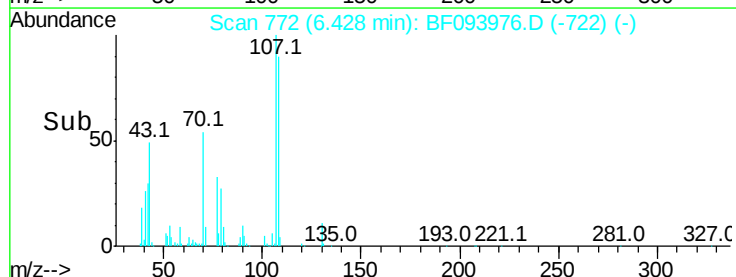
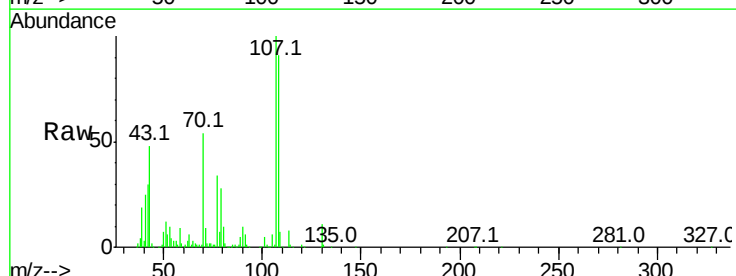
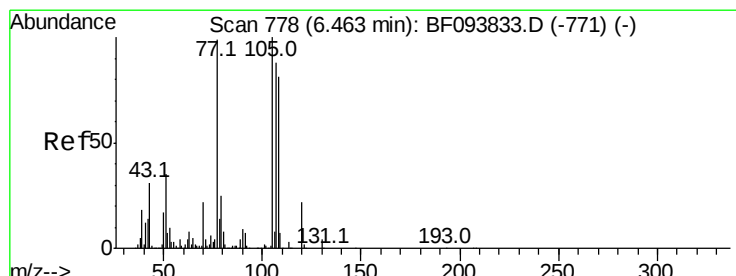
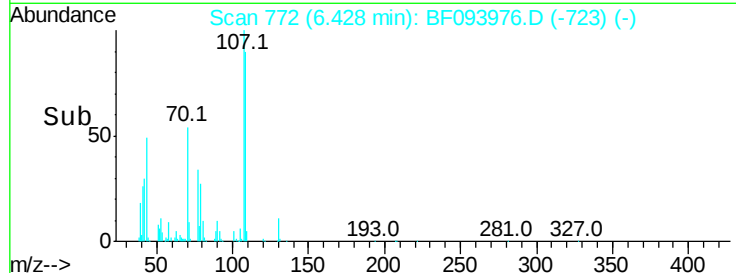
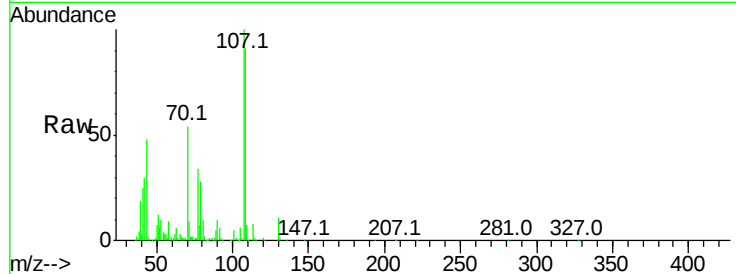
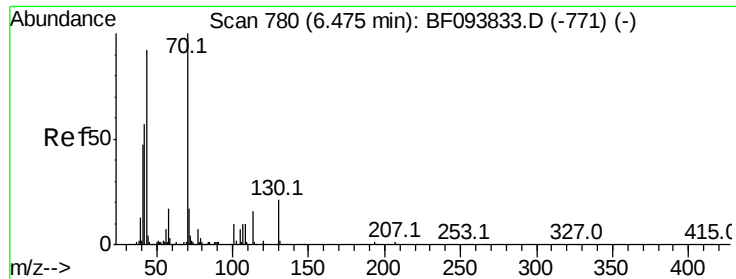
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#18
Hexachloroethane
Concen: 40.38 ng
RT: 6.53 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.7	77.4	116.0	
201	82.4	94.6	141.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 40.67 ng

RT: 6.43 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF093976.D

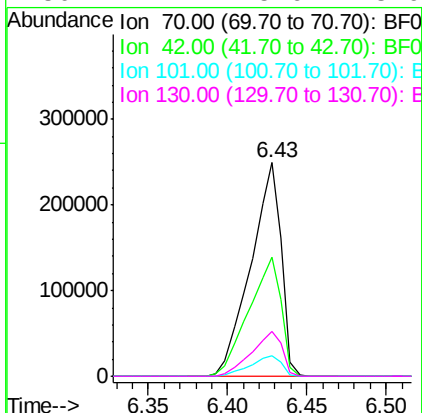
Acq: 28 Mar 2017 7:01

Instrument :
BNA_F
ClientSampleId :
PB97833BS

Tot Ion	Ion	Ratio	Lower	Upper
333516	70	100		
	42	55.6	47.2	70.8
	101	9.4	7.2	10.8
	130	21.1	15.9	23.9

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#20

3+4-Methylphenols

Concen: 43.96 ng

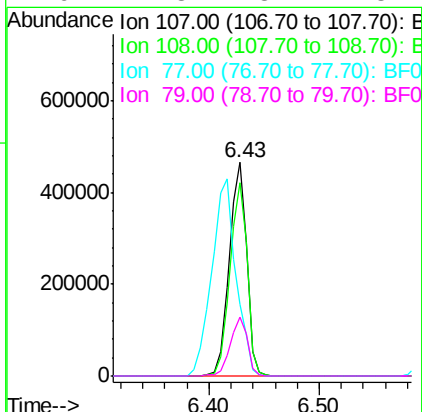
RT: 6.43 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Tgt Ion	Ion	Ratio	Lower	Upper
516843	107	100		
	108	90.8	71.0	111.0
	77	33.9	90.5	130.5#
	79	27.8	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.45 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

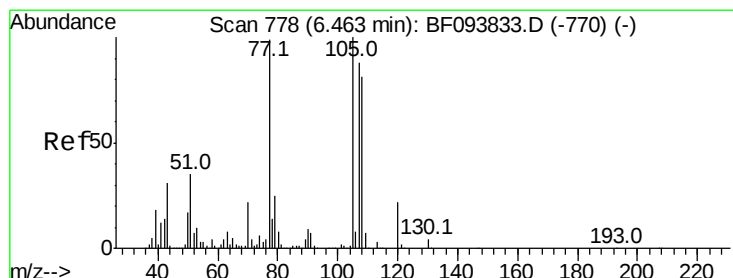
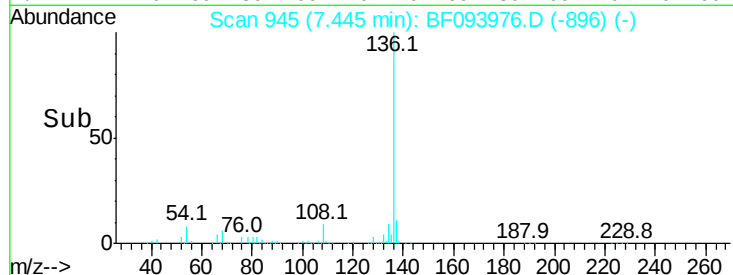
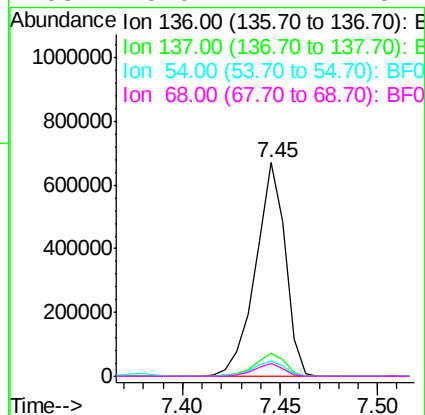
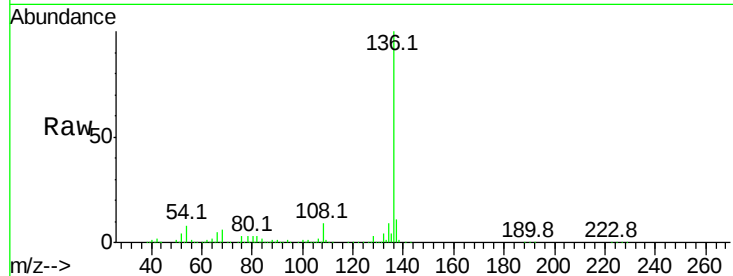
ClientSampleId :

PB97833BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.5	4.9	7.3#
68	6.0	4.1	6.1

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#22

Acetophenone

Concen: 43.76 ng

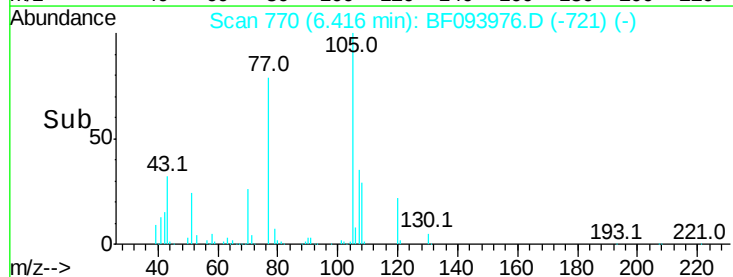
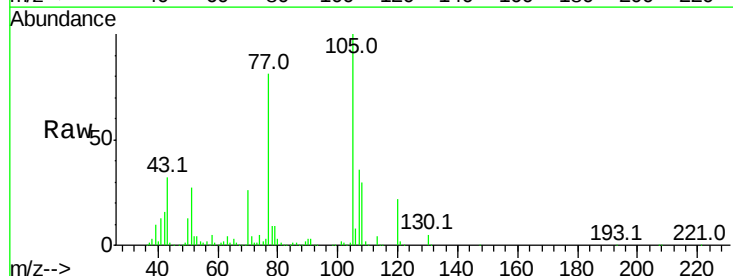
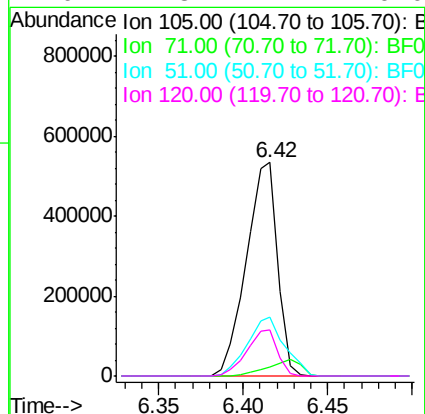
RT: 6.42 min Scan# 770

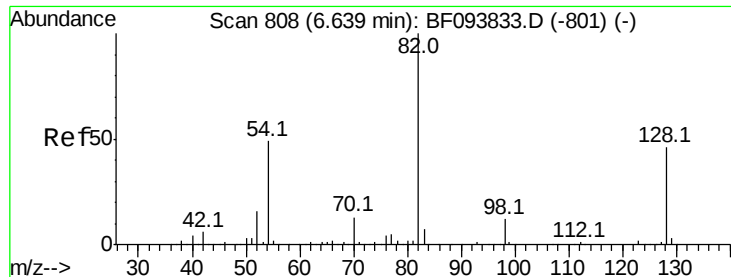
Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	4.2	2.8	4.2#
51	27.4	30.7	46.1#
120	21.8	17.4	26.0





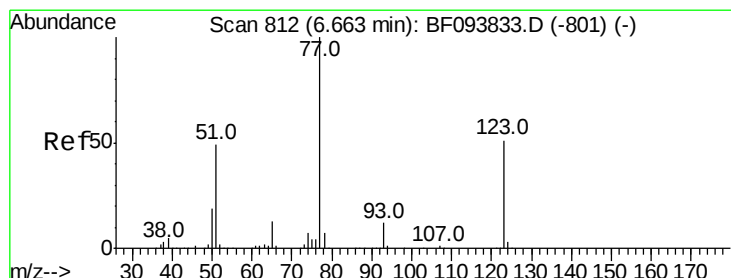
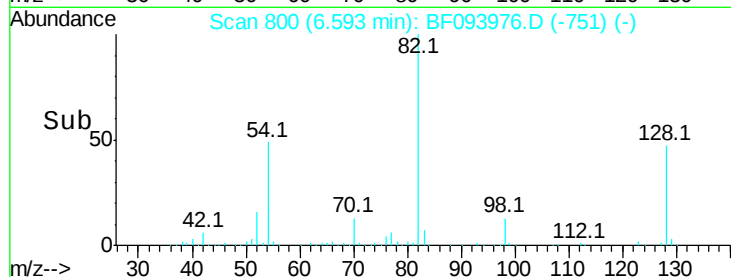
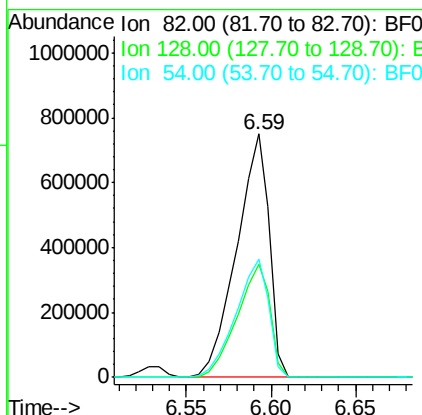
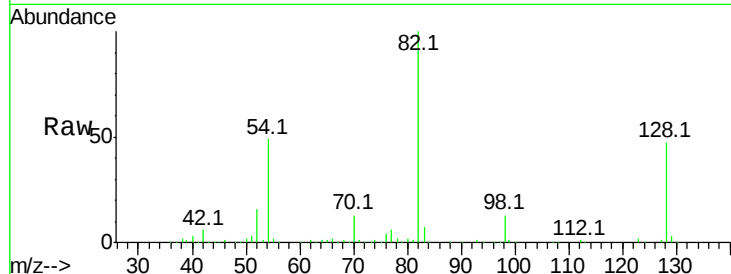
#23
Nitrobenzene-d5
Concen: 81.23 ng
RT: 6.59 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Instrument :
BNA_F
ClientSampleId :
PB97833BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	48.7	42.2	63.2

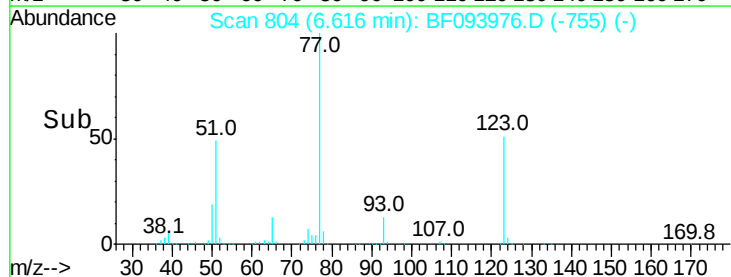
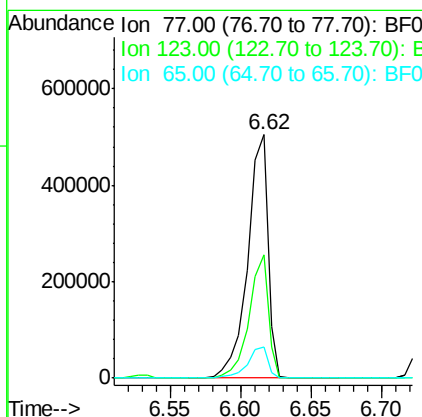
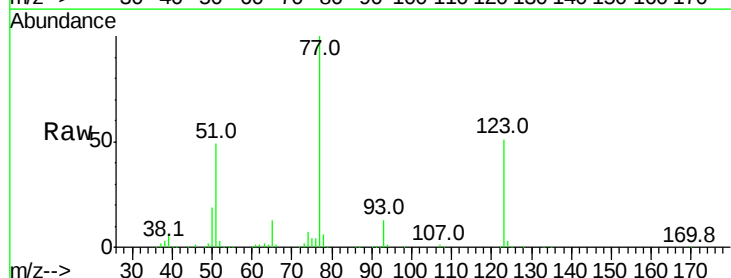
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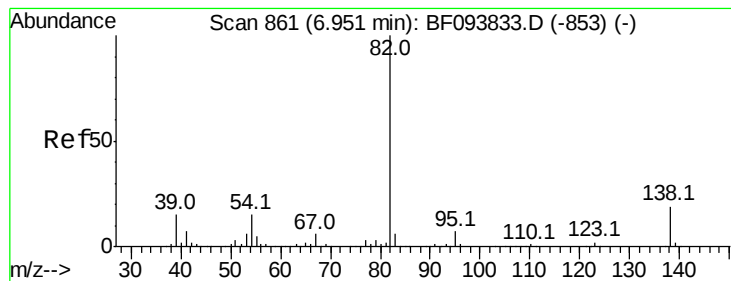
mohammad
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#24
Nitrobenzene
Concen: 41.83 ng
RT: 6.62 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.8	35.8	53.8
65	13.0	10.6	15.8





#25

Isophorone

Concen: 41.77 ng

RT: 6.90 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

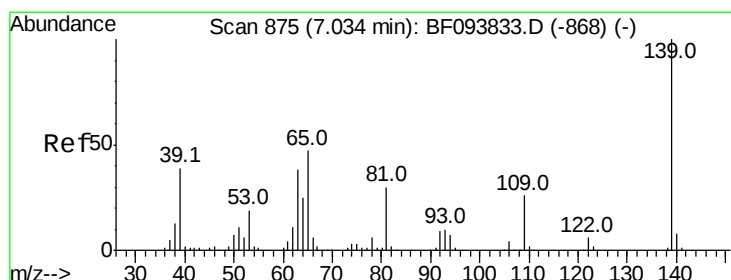
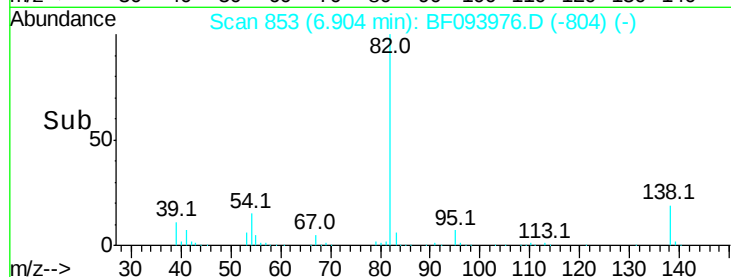
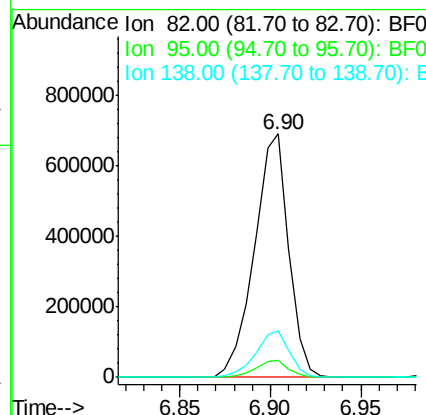
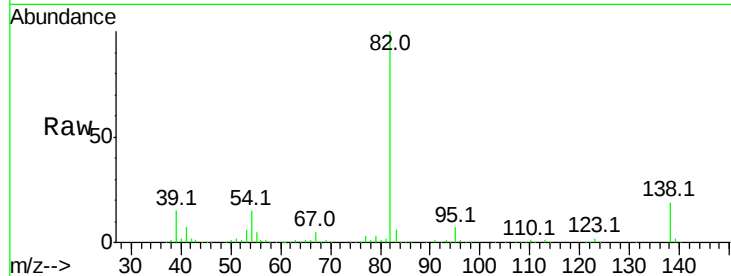
ClientSampleId :

PB97833BS

Tot Ion:	82	Resp:	908501
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.3	7.9
138	19.2	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.58 ng

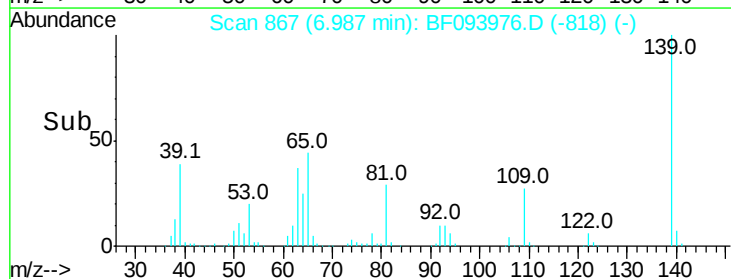
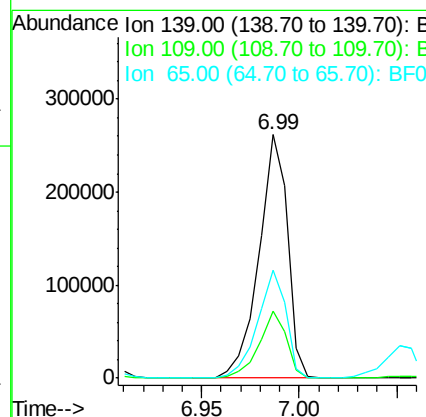
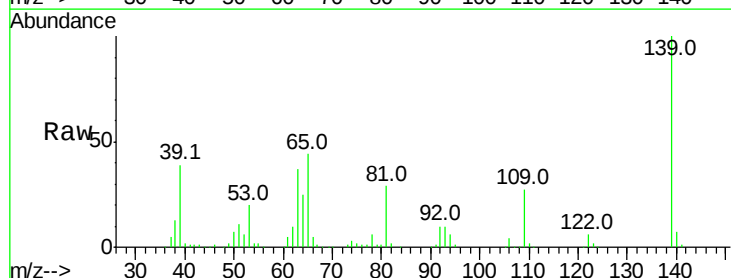
RT: 6.99 min Scan# 867

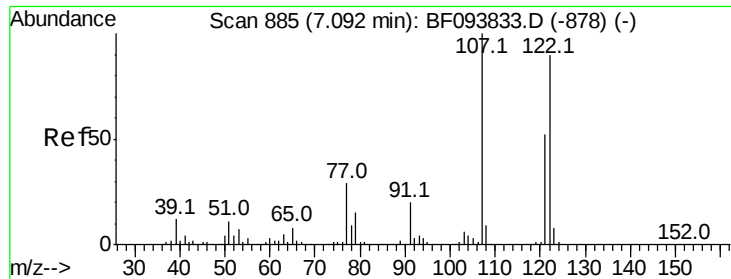
Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Tgt Ion:	139	Resp:	265321
Ion Ratio	Lower	Upper	
139	100		
109	27.3	21.0	31.6
65	44.4	33.0	49.6





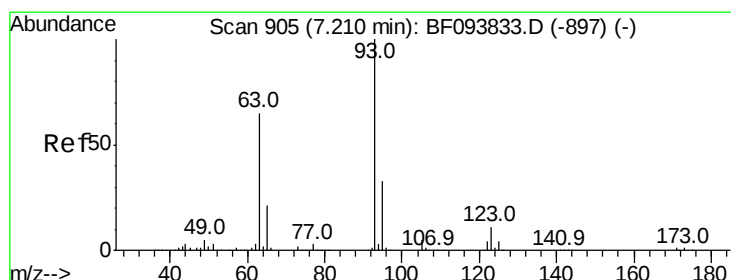
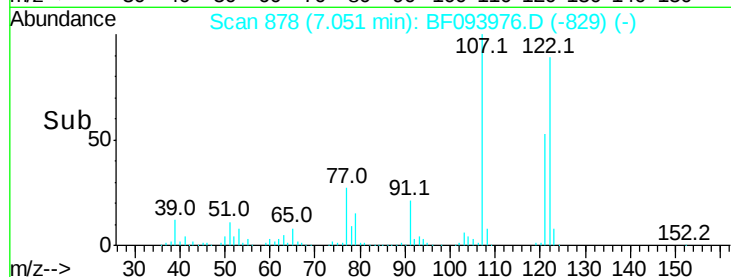
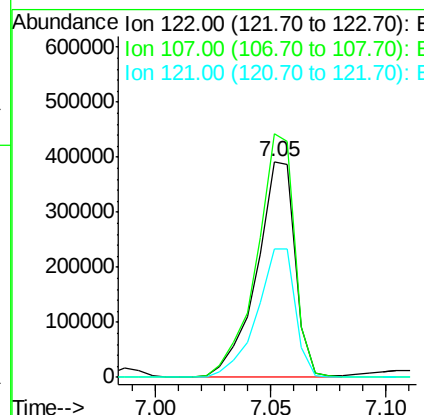
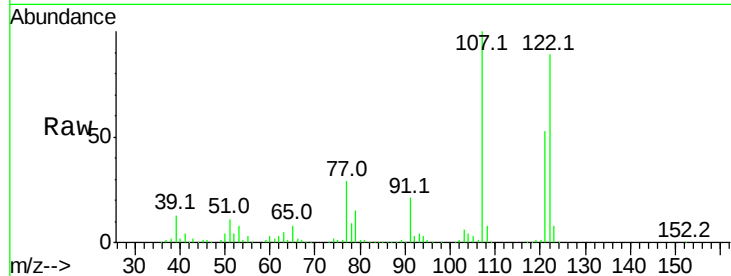
#27
 2,4-Dimethylphenol
 Concen: 45.60 ng
 RT: 7.05 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	457422		
107	112.9	89.2	133.8	
121	59.6	45.2	67.8	

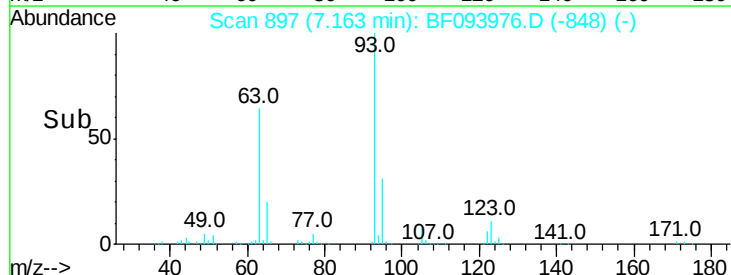
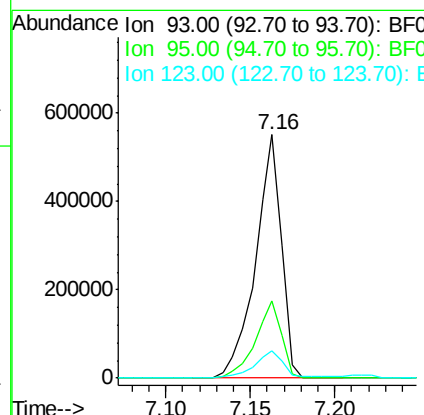
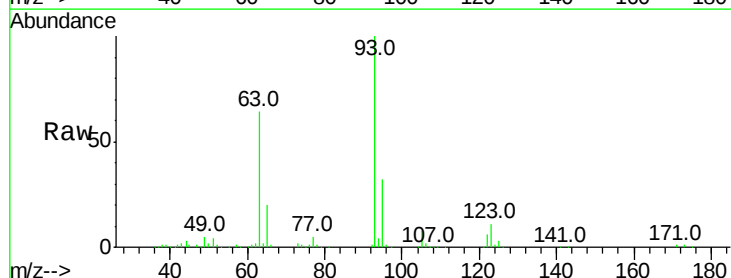
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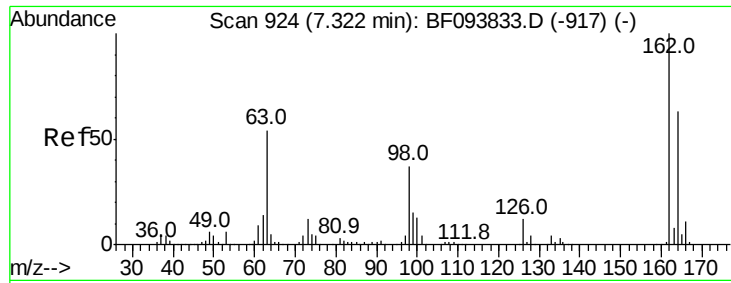
mohammad
 3/28/2017 3:43:33 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.99 ng
 RT: 7.16 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	587888		
95	31.5	26.5	39.7	
123	11.5	9.0	13.4	





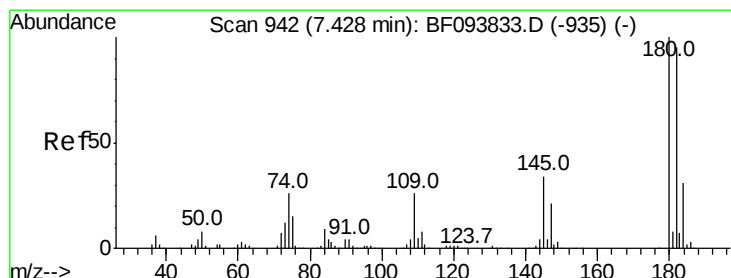
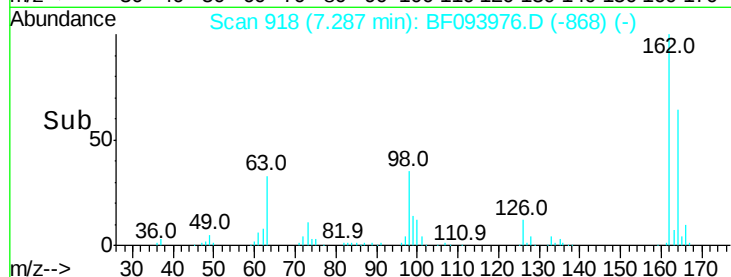
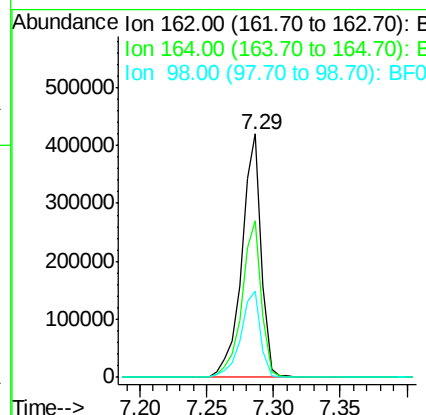
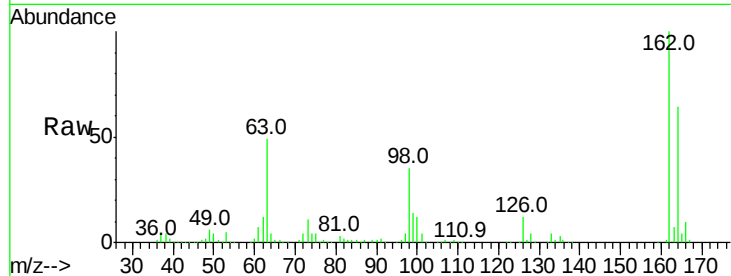
#29
 2,4-Dichlorophenol
 Concen: 45.29 ng
 RT: 7.29 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.4	44.6	84.6
98	35.2	14.8	54.8

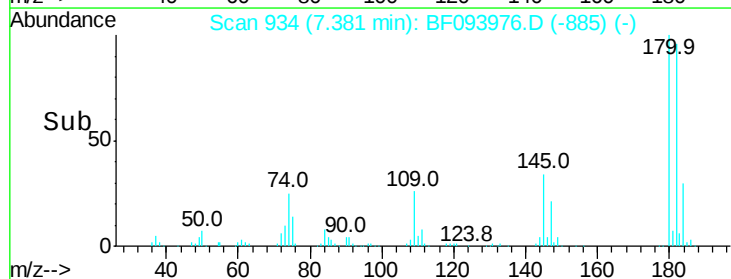
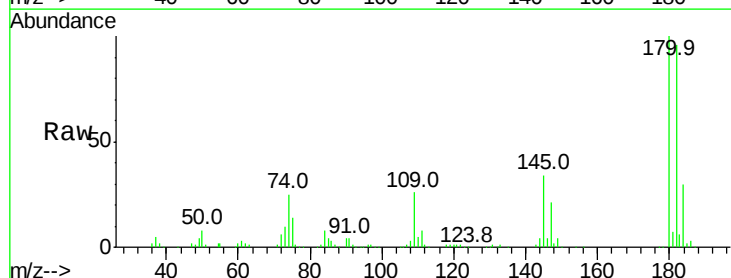
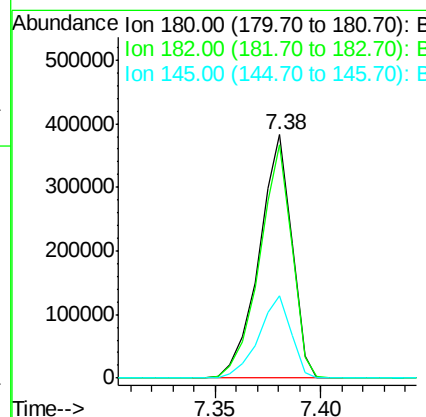
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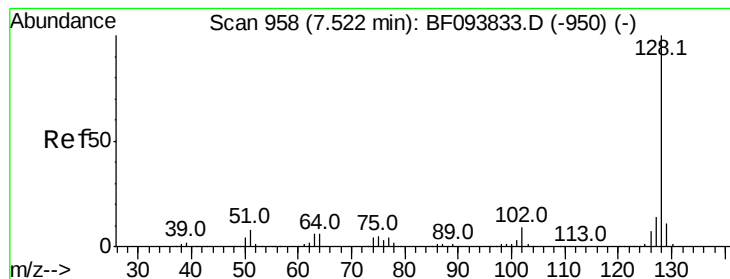
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.66 ng
 RT: 7.38 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.6	75.8	113.6
145	33.7	25.3	37.9





#31

Naphthalene

Concen: 40.74 ng

RT: 7.47 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

ClientSampleId :

PB97833BS

Tot Ion:128 Resp: 1383555

Ion Ratio Lower Upper

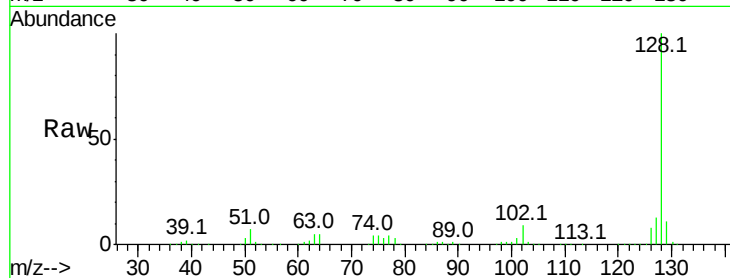
128 100

129 11.2 9.0 13.6

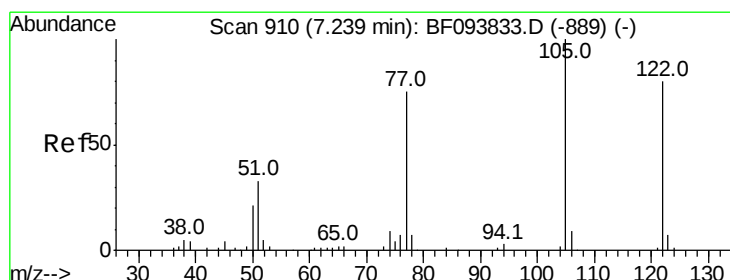
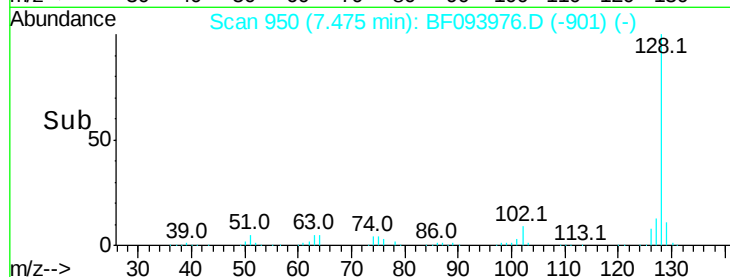
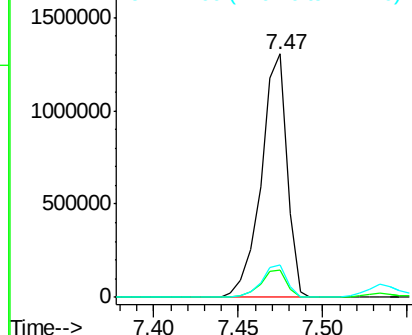
127 13.5 10.8 16.2

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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: 46.88 ng

RT: 7.22 min Scan# 907

Delta R.T. 0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

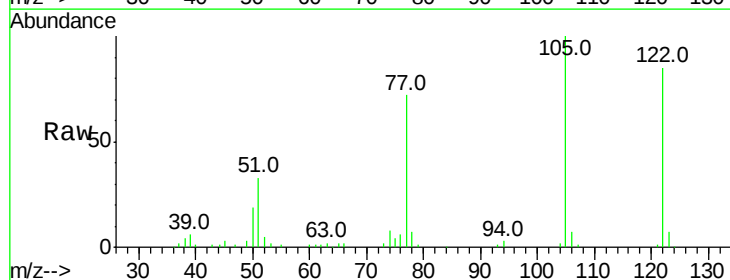
Tgt Ion:122 Resp: 313008

Ion Ratio Lower Upper

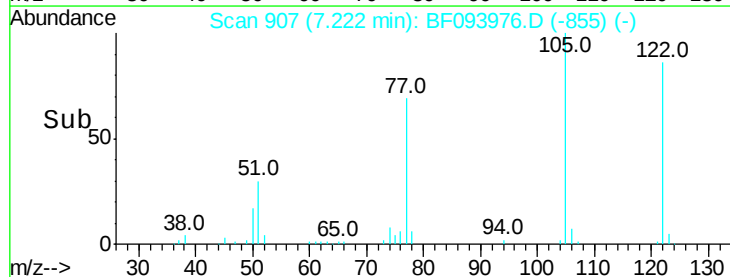
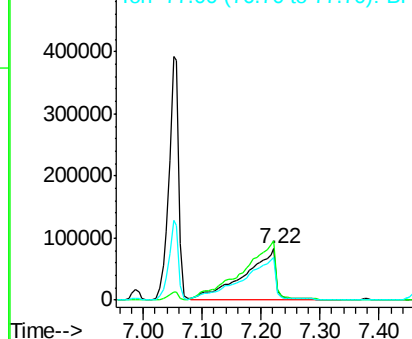
122 100

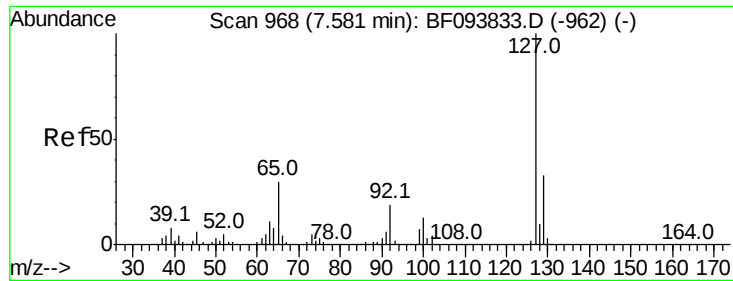
105 117.1 103.3 143.3

77 84.6 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





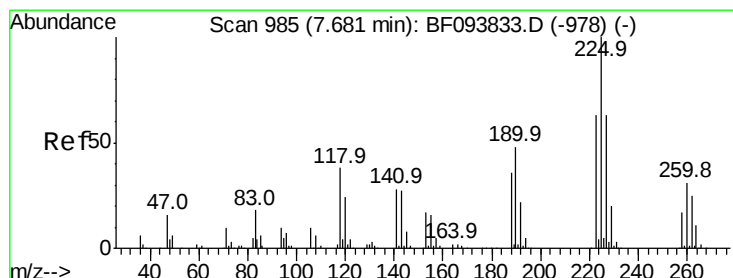
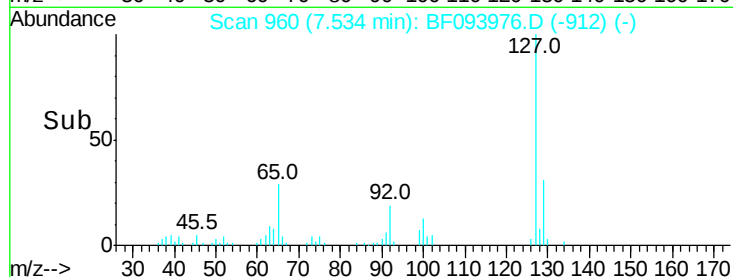
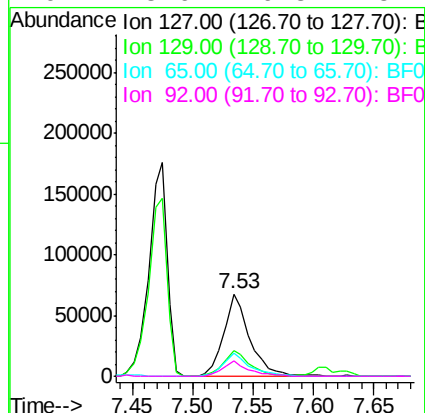
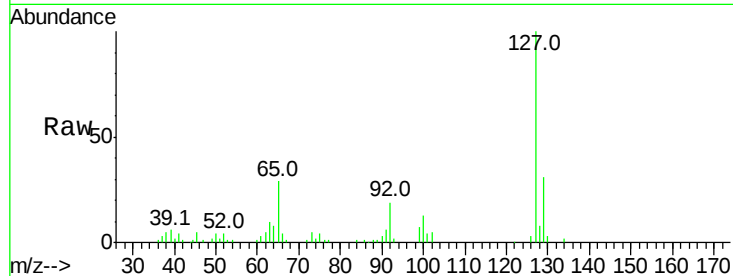
#33
4-Chloroaniline
Concen: 7.38 ng
RT: 7.53 min Scan# 960
Delta R.T. -0.02 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Instrument :
BNA_F
ClientSampleId :
PB97833BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.6	26.2	39.2		
65	28.5	27.8	41.8		
92	18.6	16.8	25.2		

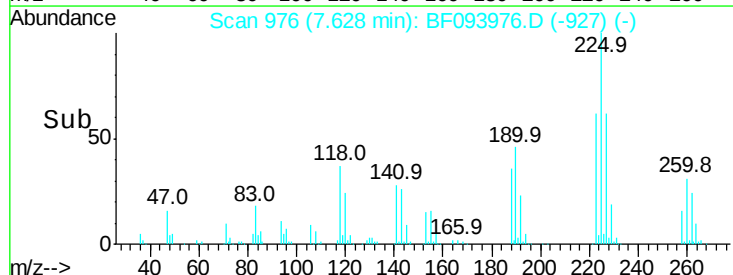
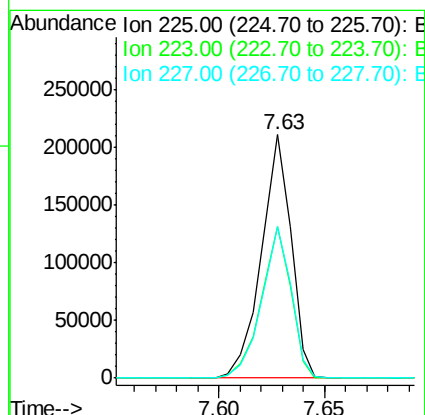
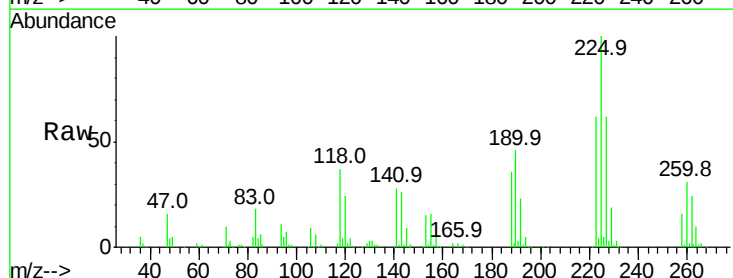
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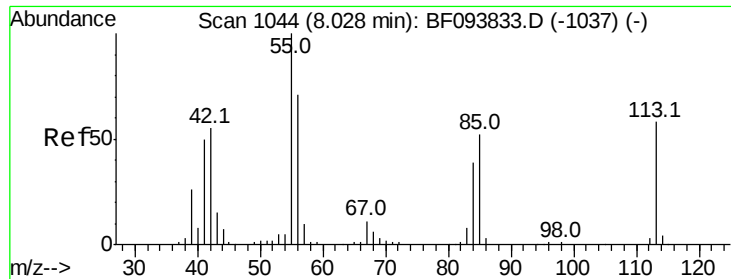
mohammad
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#34
Hexachlorobutadiene
Concen: 41.98 ng
RT: 7.63 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.1	48.8	73.2		
227	62.0	51.1	76.7		





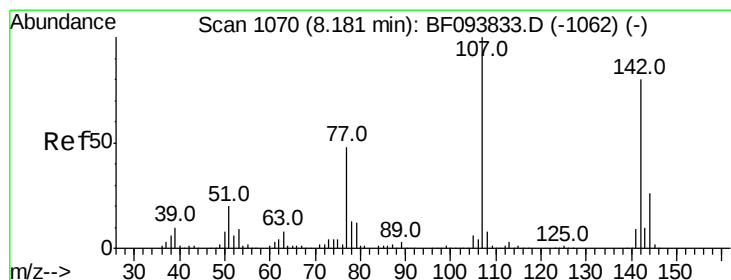
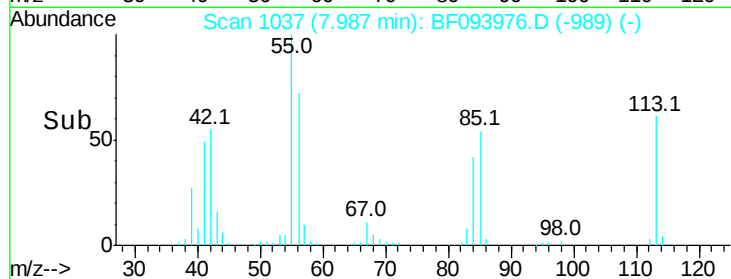
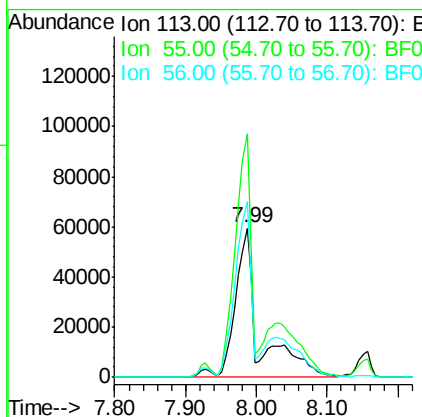
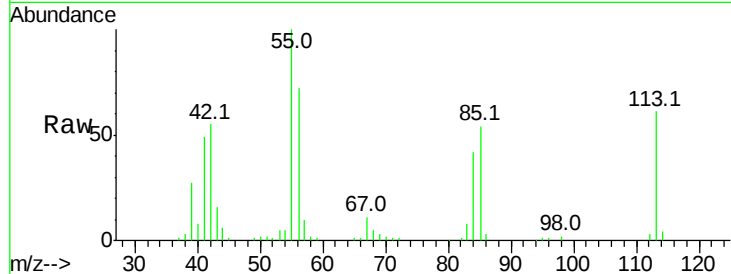
#35
 Caprolactam
 Concen: 46.47 ng/ml
 RT: 7.99 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BS

Tot Ion: 113 Resp: 138985
 Ion Ratio Lower Upper
 113 100
 55 163.1 150.2 190.2
 56 118.1 107.8 147.8

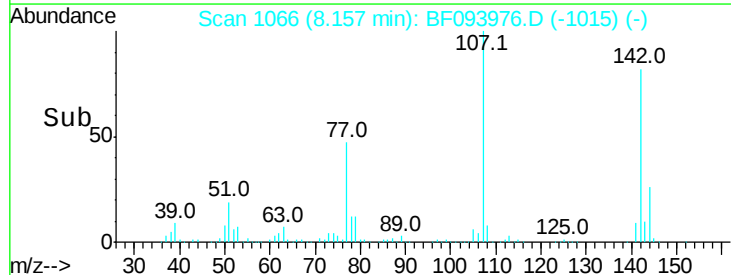
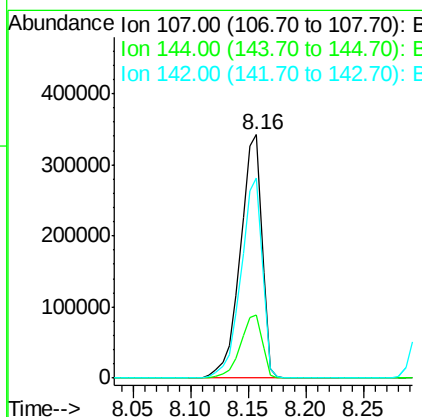
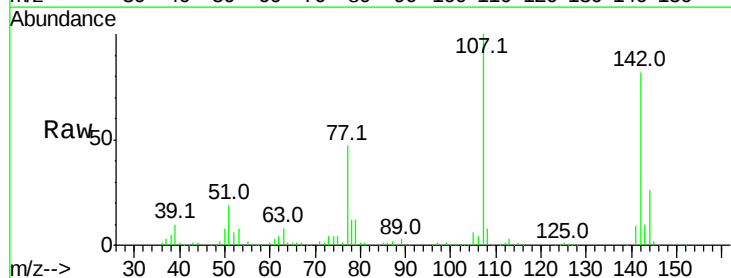
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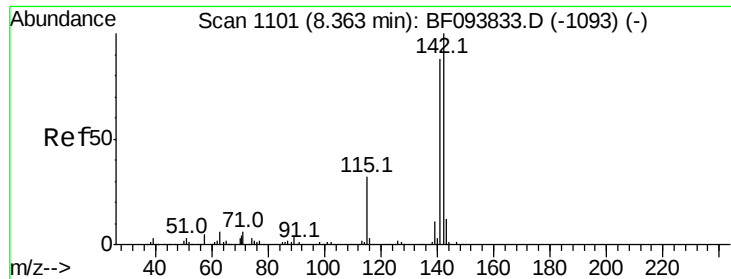
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 45.47 ng/ml
 RT: 8.16 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Tgt Ion: 107 Resp: 445615
 Ion Ratio Lower Upper
 107 100
 144 25.7 24.2 36.4
 142 82.3 73.4 110.0





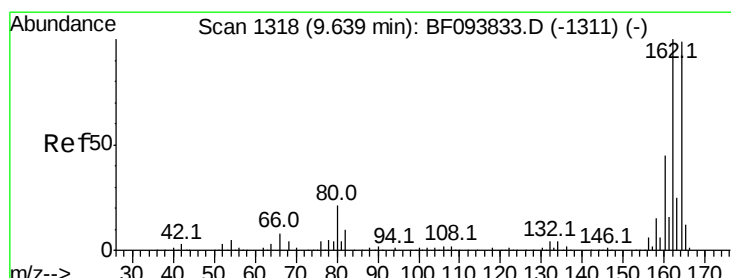
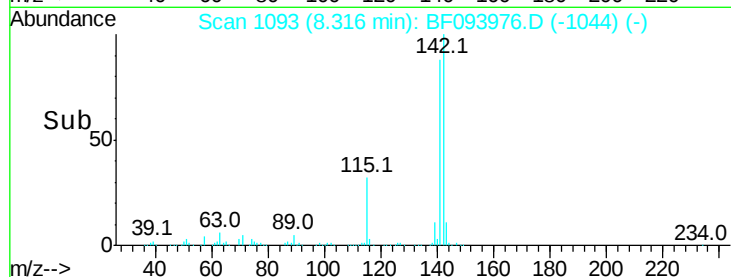
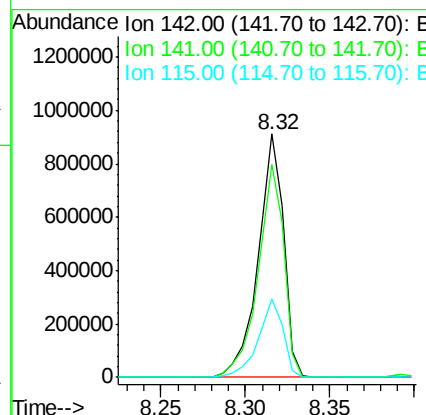
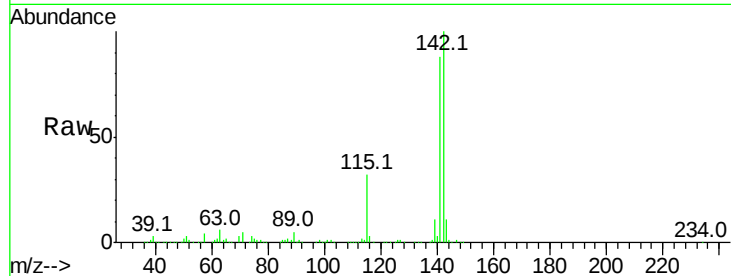
#37
2-Methylnaphthalene
Concen: 42.40 ng
RT: 8.32 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Instrument :
BNA_F
ClientSampleId :
PB97833BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.3	106.9
115	32.5	27.1	40.7

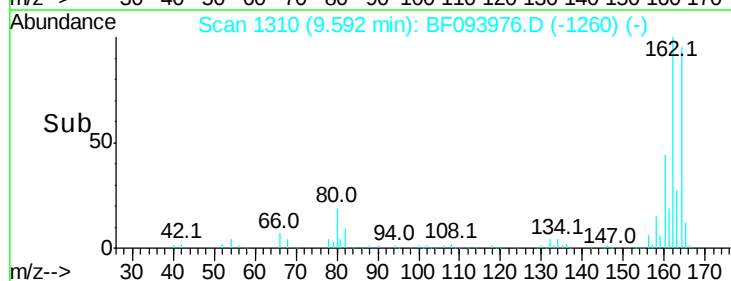
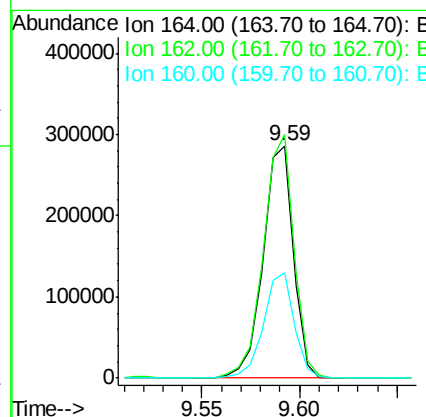
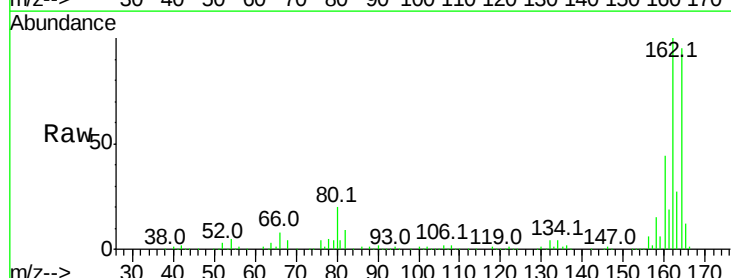
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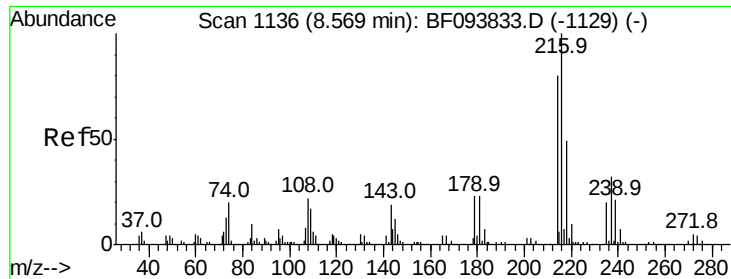
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.6	123.8
160	45.6	36.2	54.2





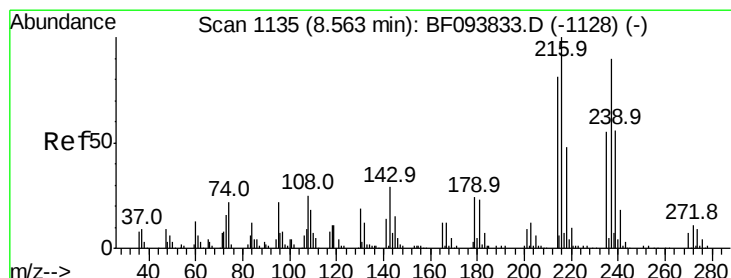
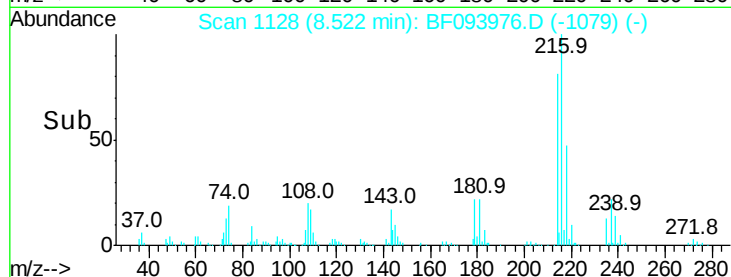
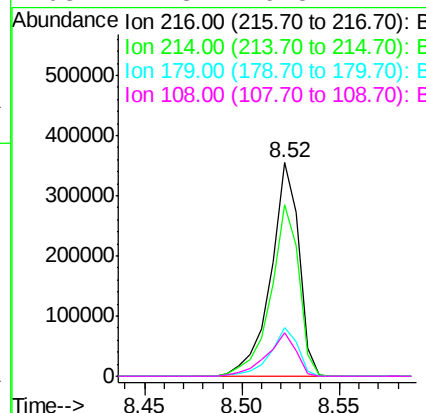
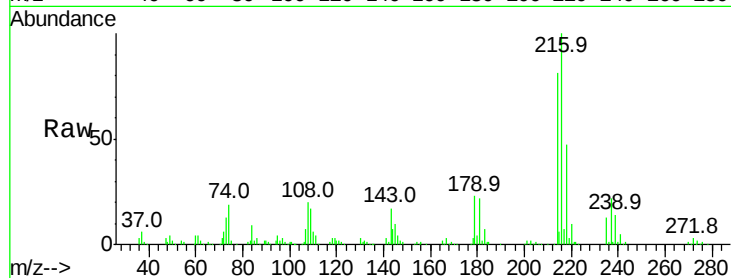
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.22 ng
 RT: 8.52 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Instrument :
 BNA_F
 ClientSampled :
 PB97833BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.4	63.4	95.2
179	22.5	17.9	26.9
108	21.3	16.5	24.7

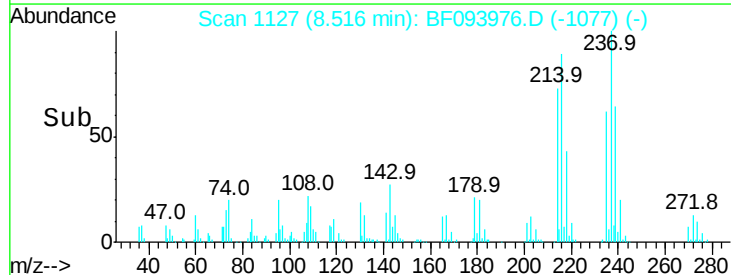
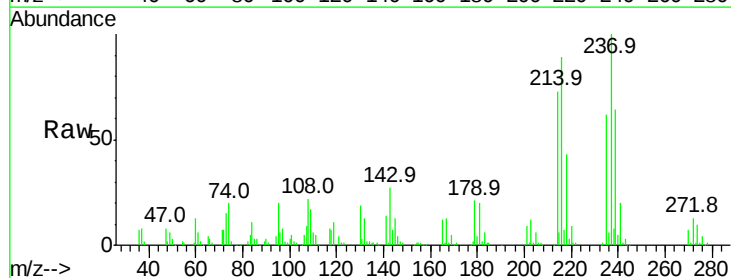
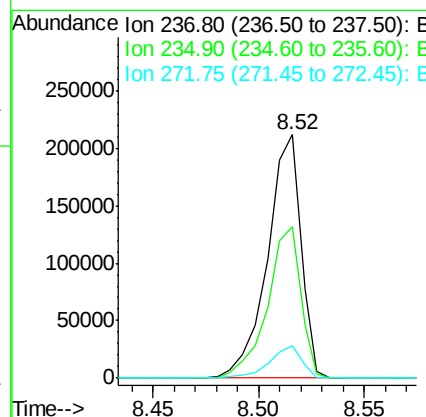
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#40
 Hexachlorocyclopentadiene
 Concen: 59.62 ng
 RT: 8.52 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.1	42.6	82.6
272	13.2	0.0	31.9





#41

2,4,6-Tribromophenol

Concen: 90.85 ng

RT: 10.56 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

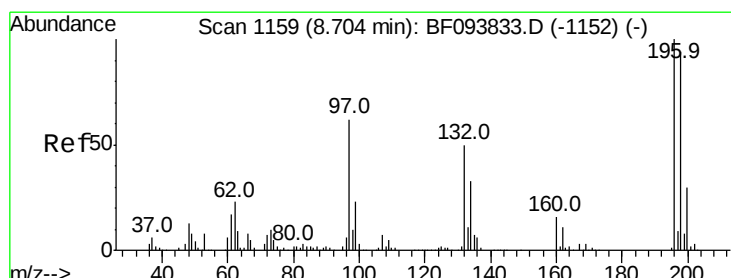
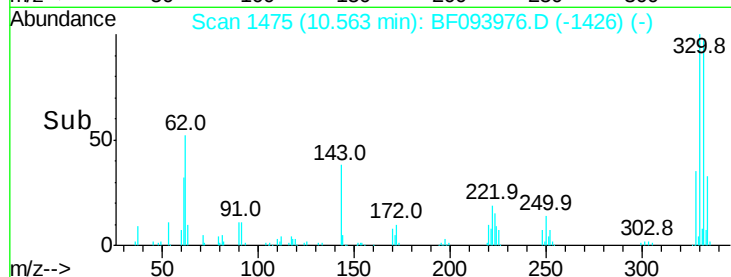
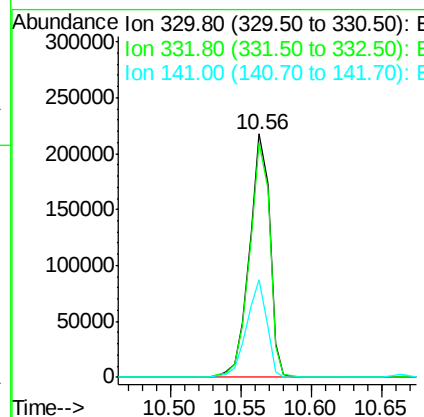
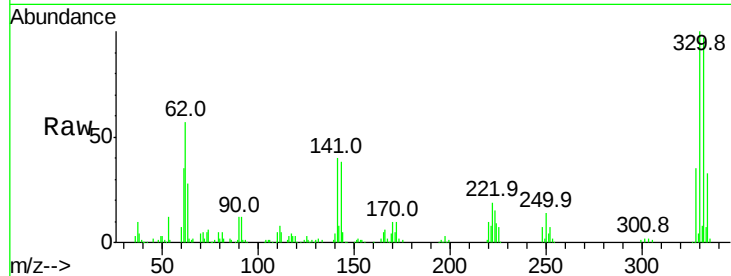
ClientSampled :

PB97833BS

Tot Ion:	330	Resp:	220262
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.6	115.0
141	39.5	31.4	47.2

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#42

2,4,6-Trichlorophenol

Concen: 46.86 ng

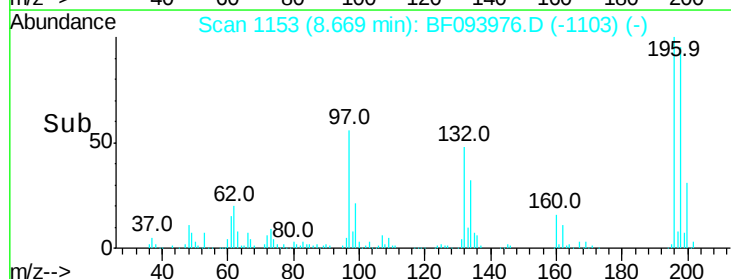
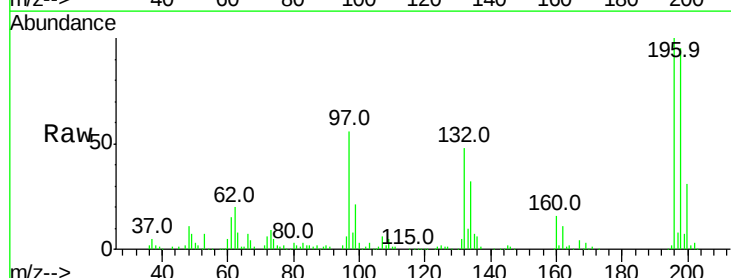
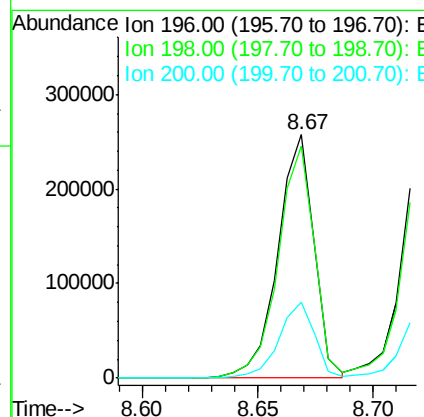
RT: 8.67 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Tgt Ion:	196	Resp:	278293
Ion Ratio	Lower	Upper	
196	100		
198	95.3	74.2	111.4
200	31.0	24.0	36.0





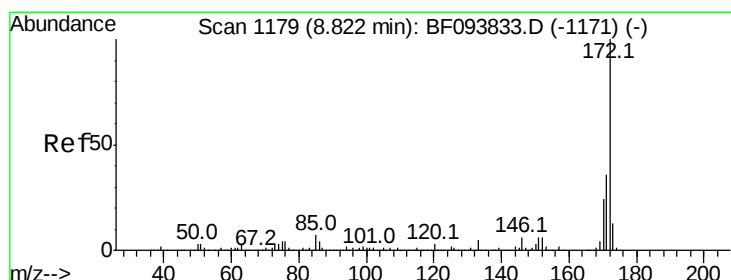
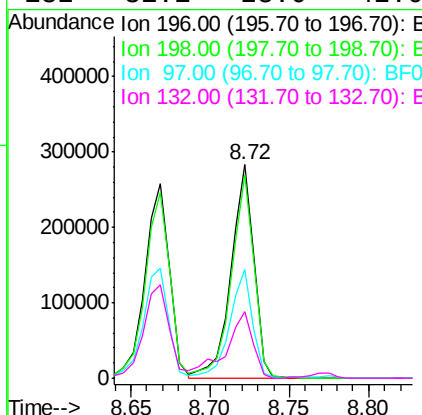
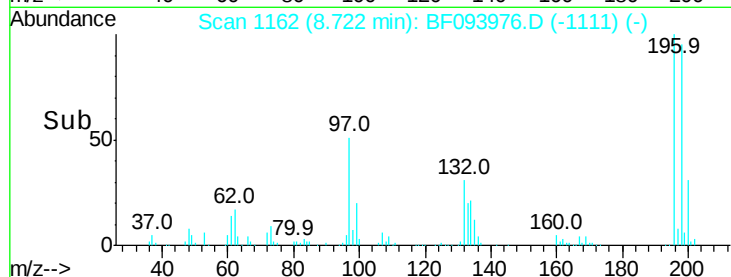
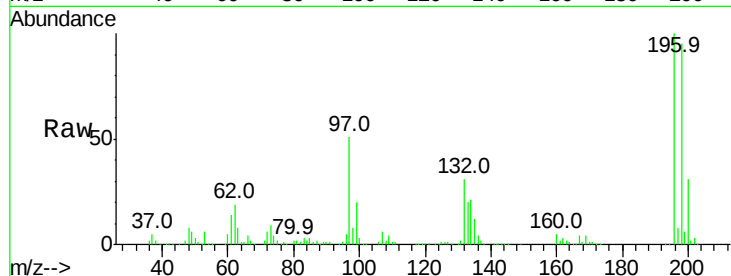
#43
 2,4,5-Trichlorophenol
 Concen: 44.42 ng
 RT: 8.72 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BS

Tot Ion	196	Resp	285406
Ion Ratio	Lower	Upper	
196	100		
198	95.2	75.7	113.5
97	51.2	47.7	71.5
132	31.1	28.0	42.0

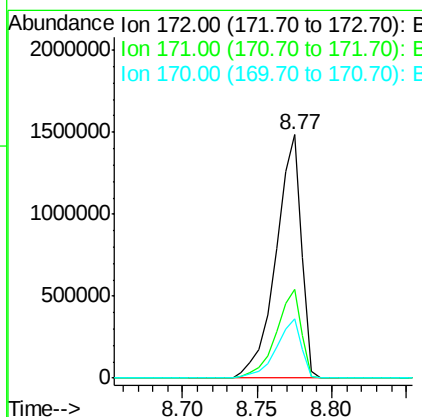
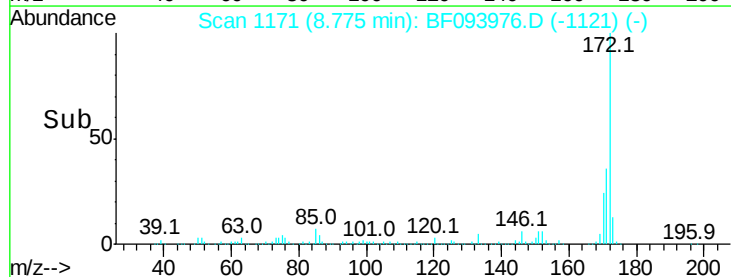
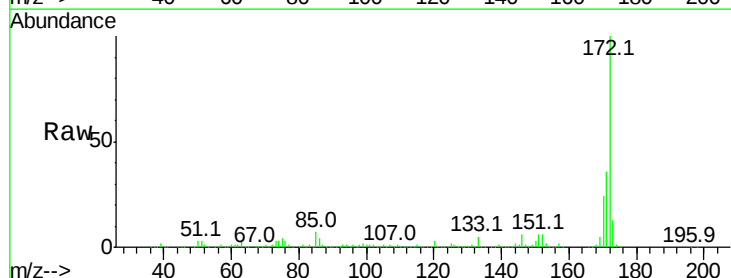
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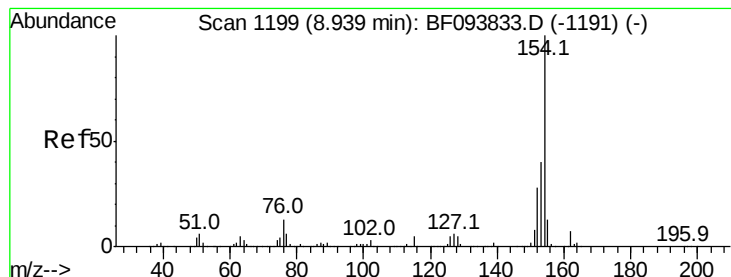
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 87.91 ng
 RT: 8.77 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Tgt Ion	172	Resp	1768277
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.6	44.4
170	24.2	19.8	29.8





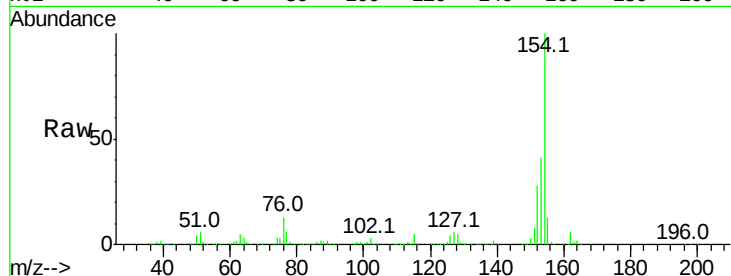
#45
 1,1'-Biphenyl
 Concen: 43.25 ng
 RT: 8.89 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Instrument :
 BNA_F
 ClientSampled :
 PB97833BS

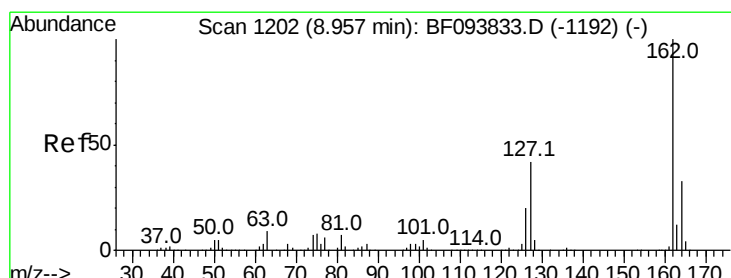
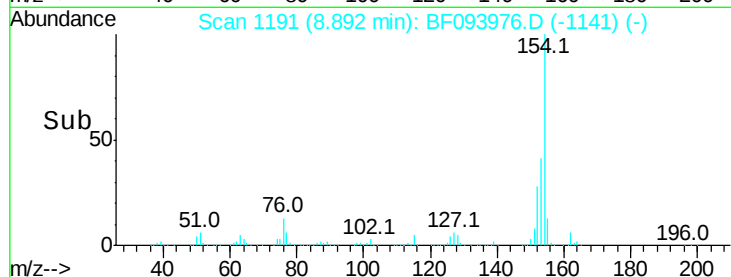
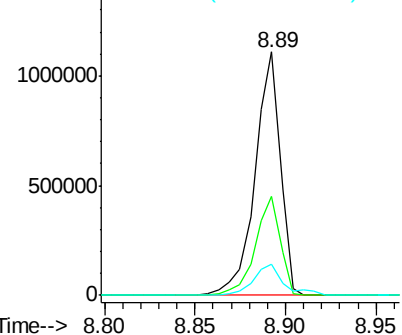
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.2	61.2
76	12.6	0.0	29.9

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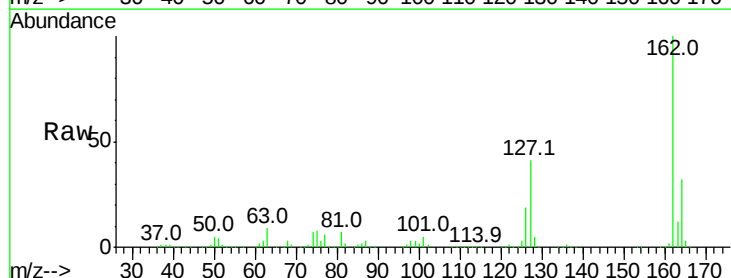


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

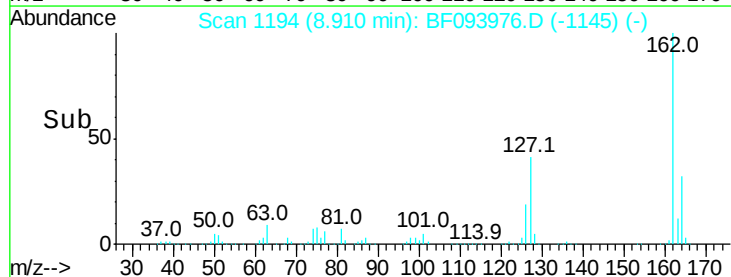
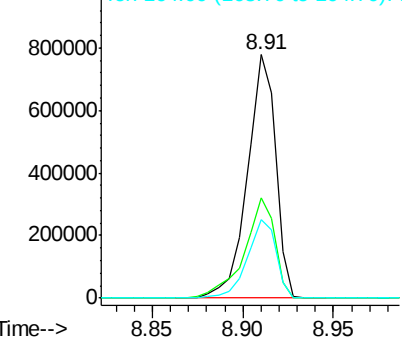


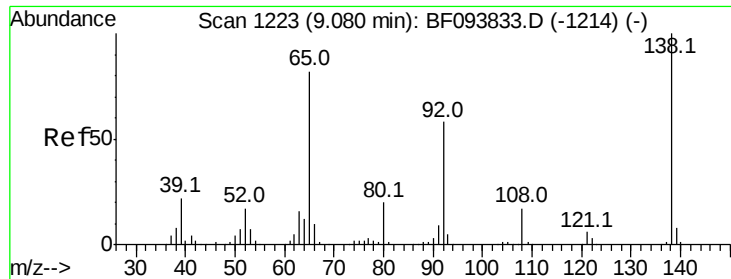
#46
 2-Chloronaphthalene
 Concen: 43.39 ng
 RT: 8.91 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	28.3	42.5
164	32.2	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





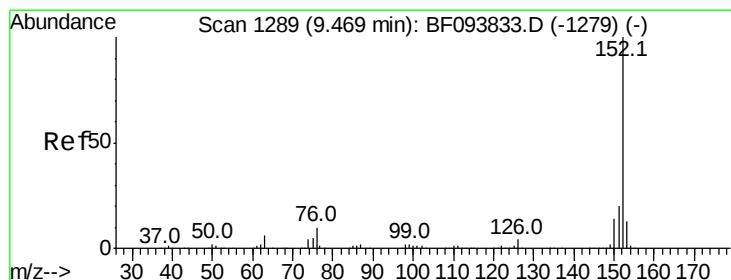
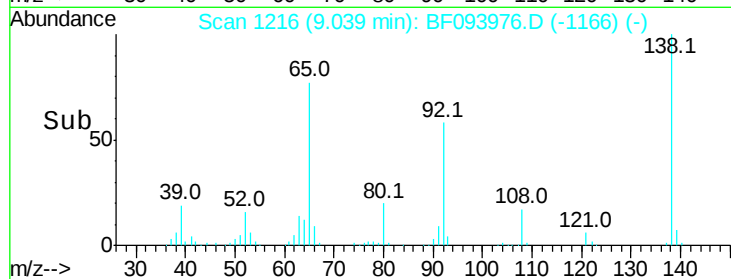
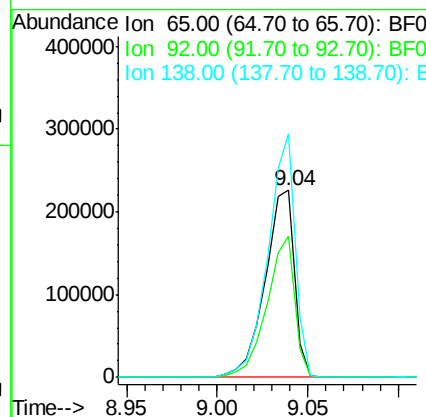
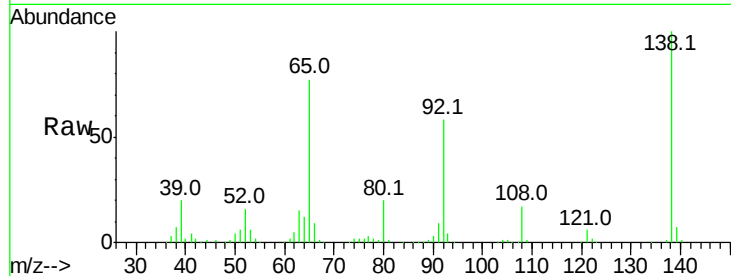
#47
2-Nitroaniline
Concen: 44.28 ng
RT: 9.04 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Instrument :
BNA_F
ClientSampleId :
PB97833BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.5	53.9	80.9
138	130.3	78.8	118.2

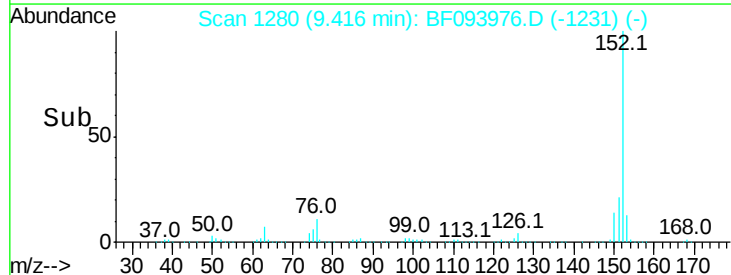
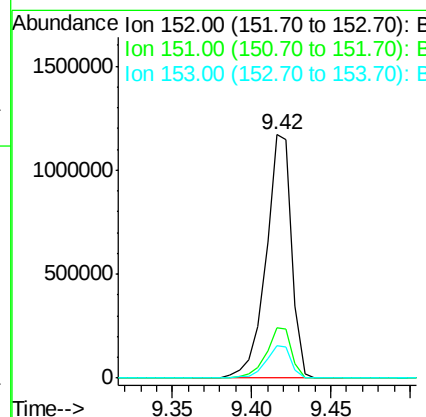
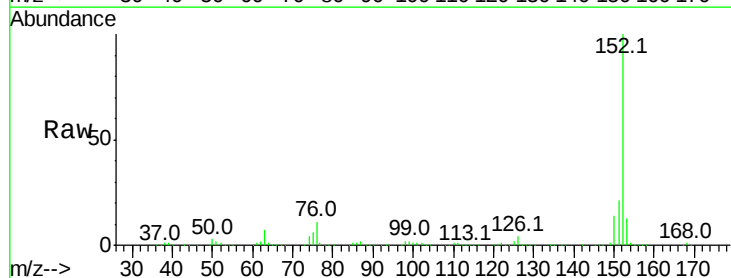
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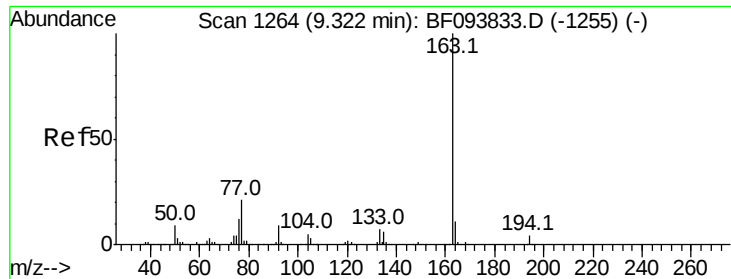
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#48
Acenaphthylene
Concen: 40.84 ng
RT: 9.42 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	13.5	10.8	16.2





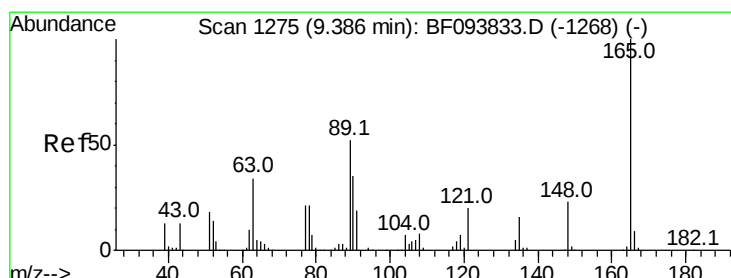
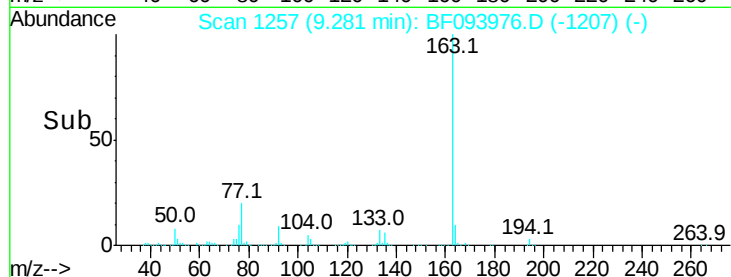
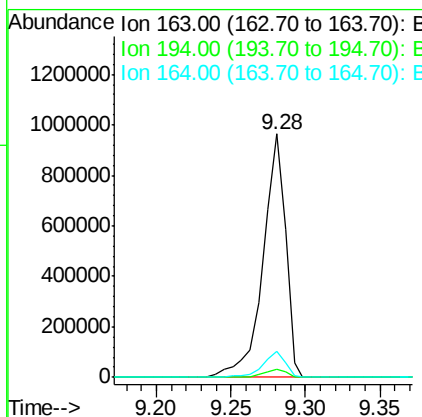
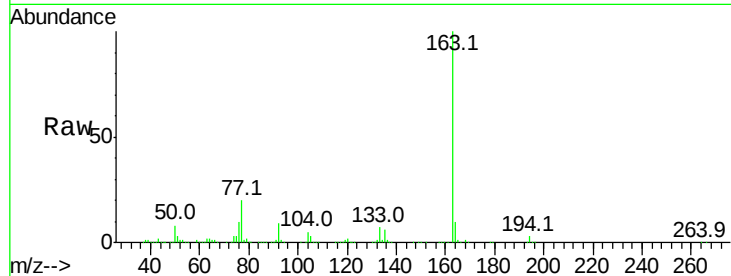
#49
Dimethylphthalate
Concen: 45.79 ng
RT: 9.28 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Instrument :
BNA_F
ClientSampleId :
PB97833BS

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.6	4.0
164	10.5	8.4	12.6

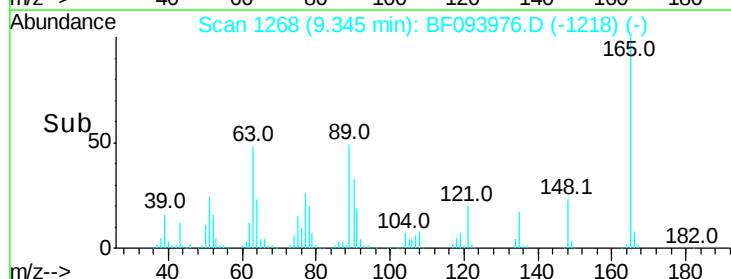
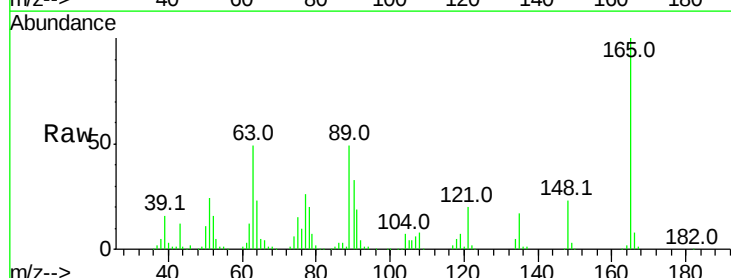
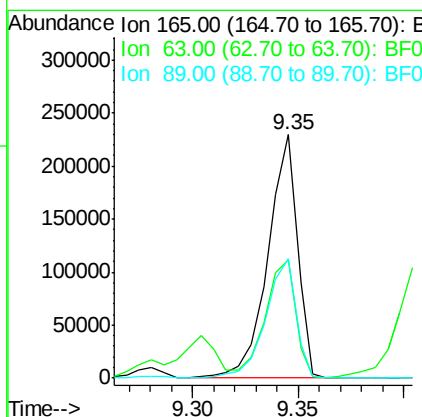
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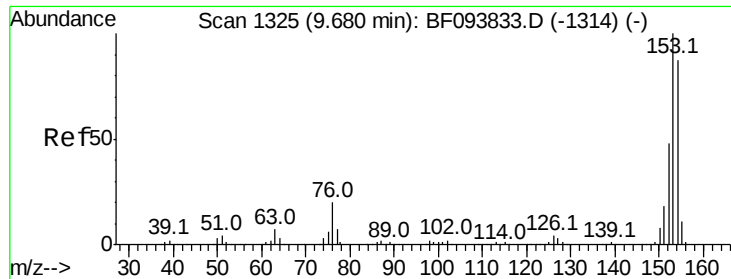
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#50
2,6-Dinitrotoluene
Concen: 44.96 ng
RT: 9.35 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	48.6	34.3	51.5
89	48.8	37.1	55.7





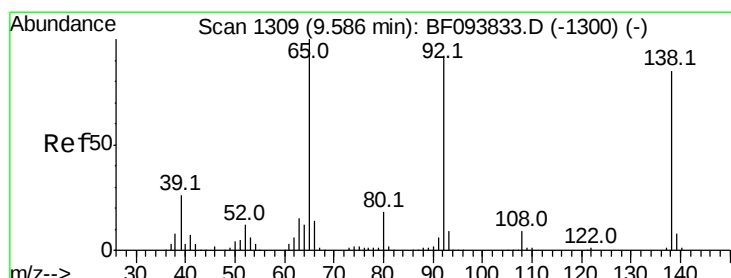
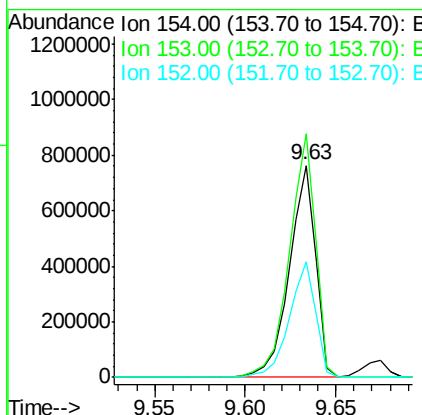
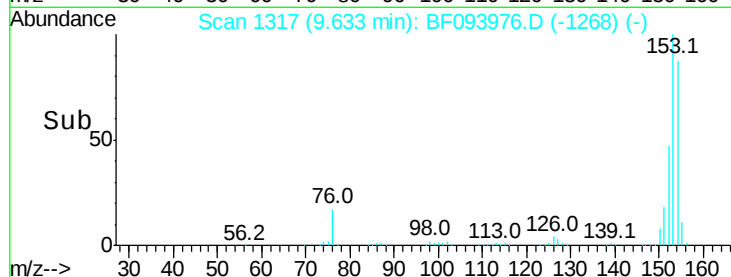
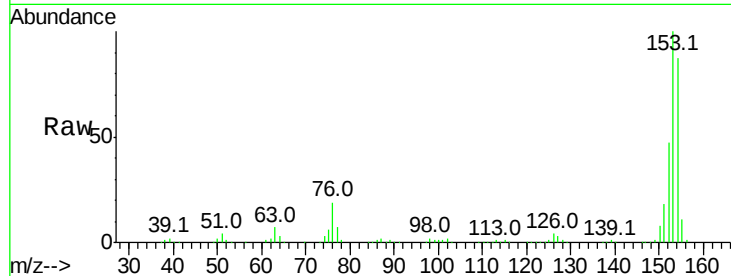
#51
Acenaphthene
Concen: 41.37 ng
RT: 9.63 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Instrument :
BNA_F
ClientSampleId :
PB97833BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.9	90.5	135.7
152	54.5	43.6	65.4

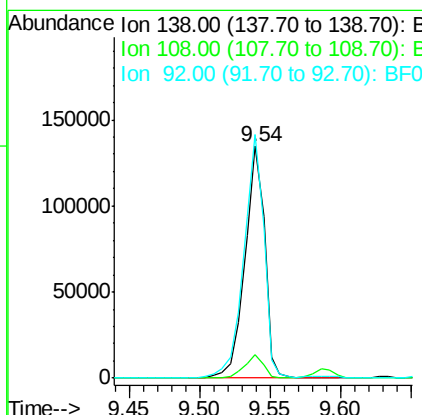
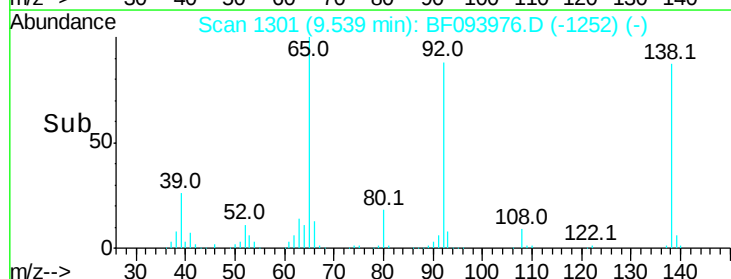
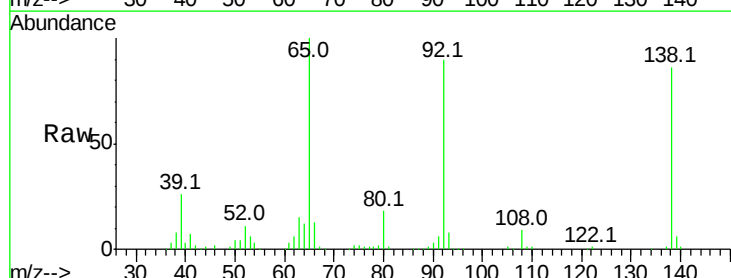
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#52
3-Nitroaniline
Concen: 22.52 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.1	13.7
92	105.0	93.8	140.6





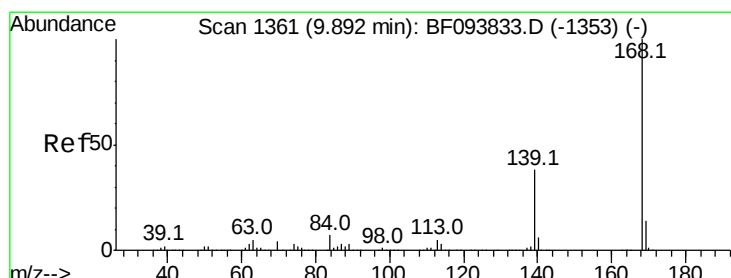
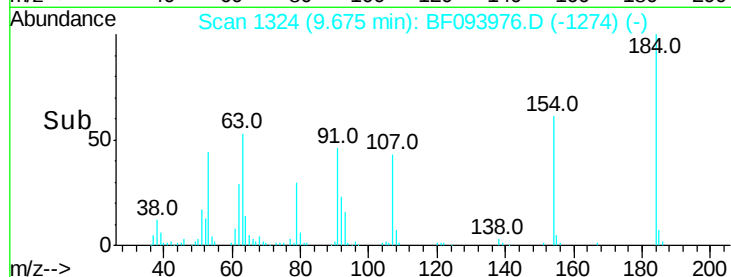
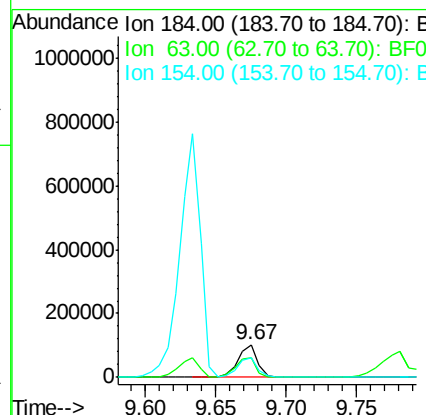
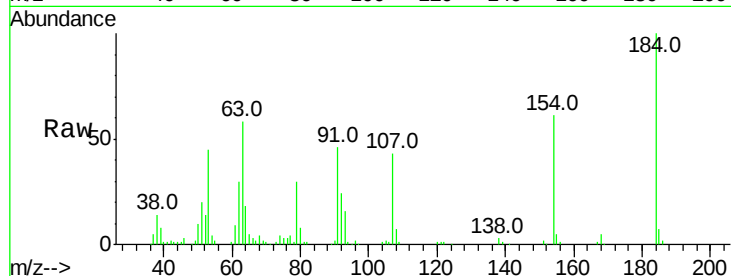
#53
2,4-Dinitrophenol
Concen: 39.79 ng
RT: 9.67 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Instrument :
BNA_F
ClientSampled :
PB97833BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	58.4	62.7	94.1#
154	61.3	81.1	121.7#

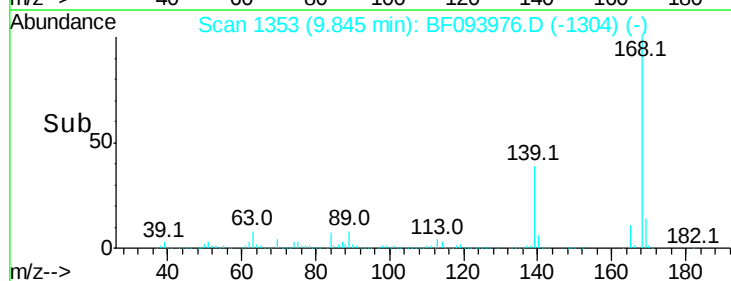
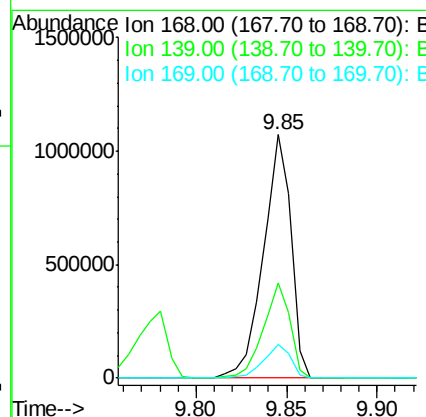
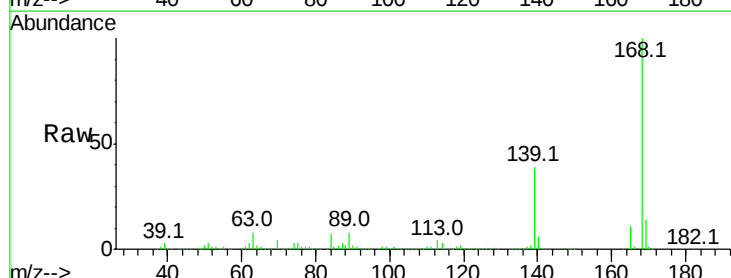
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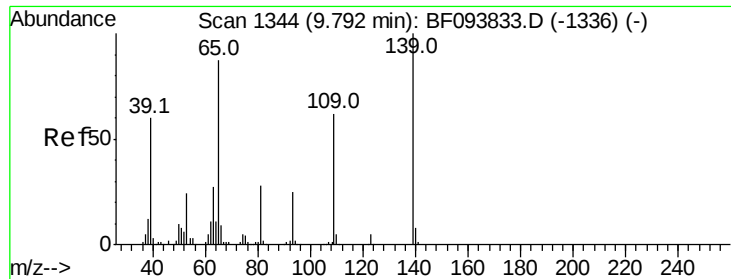
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#54
Dibenzofuran
Concen: 44.45 ng
RT: 9.85 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.6	45.8
169	13.6	10.8	16.2





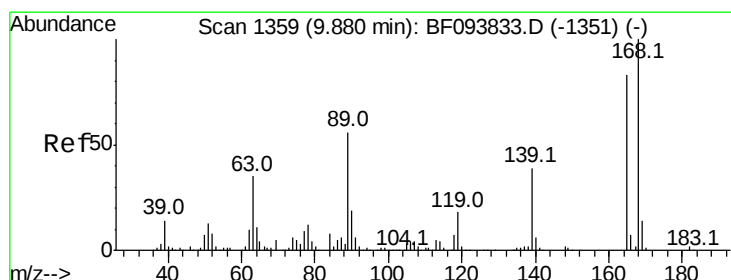
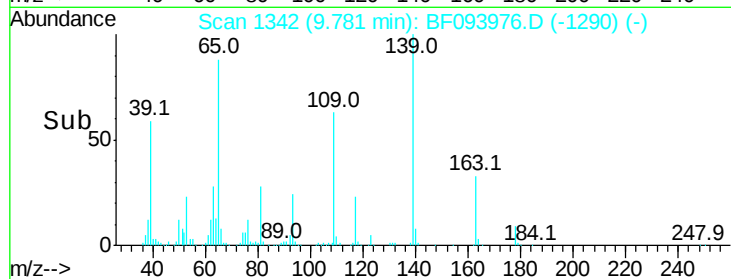
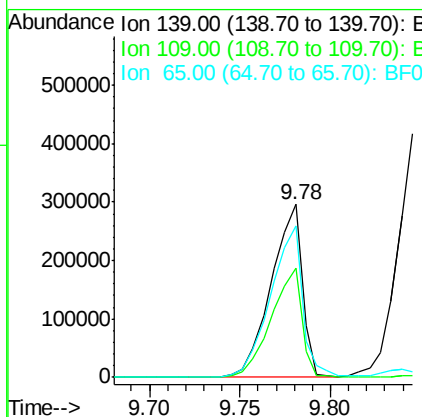
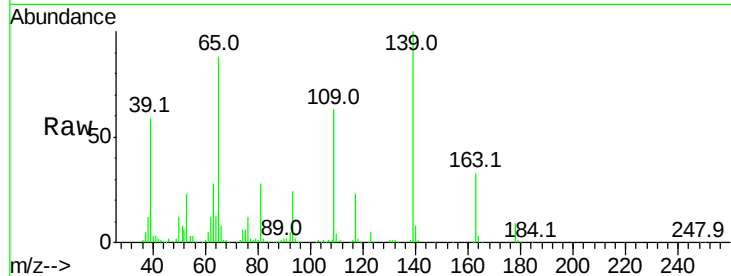
#55
4-Nitrophenol
Concen: 77.04 ng
RT: 9.78 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Instrument :
BNA_F
ClientSampled :
PB97833BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	63.2	34.1	74.1	
65	87.9	31.4	71.4	

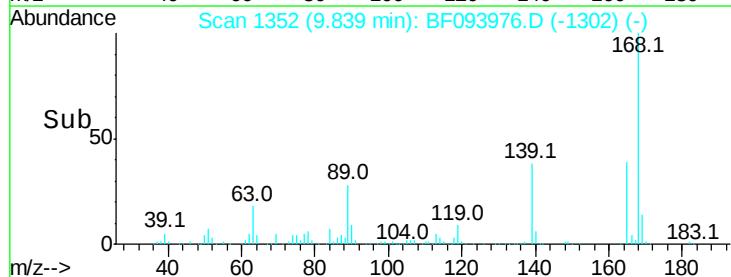
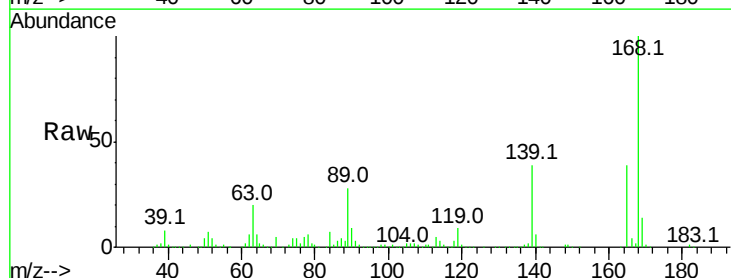
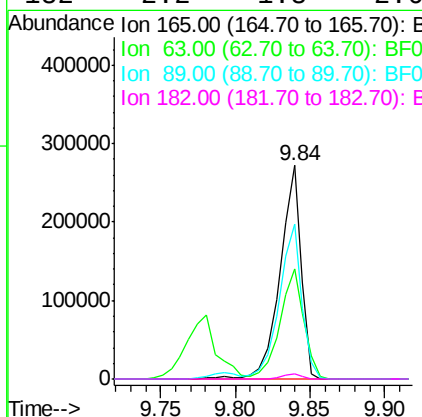
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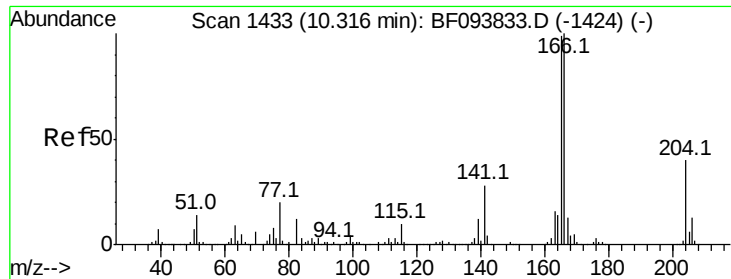
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#56
2,4-Dinitrotoluene
Concen: 43.19 ng
RT: 9.84 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.5	25.4	38.0	
89	72.4	46.4	69.6	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 39.53 ng

RT: 10.27 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

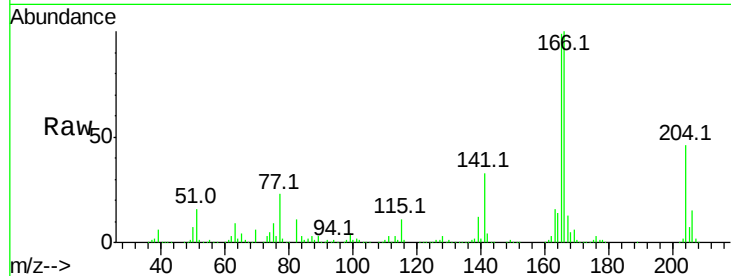
ClientSampleId :

PB97833BS

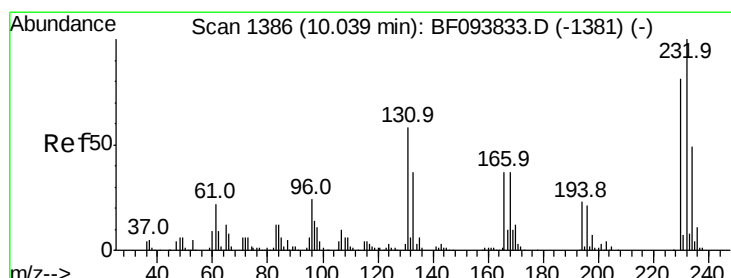
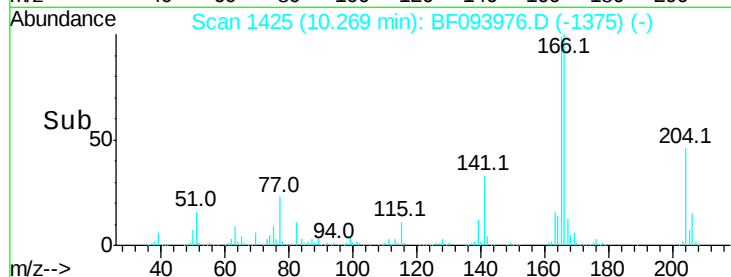
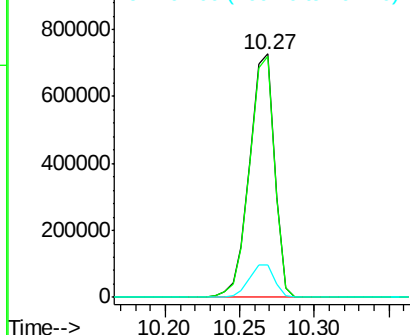
Tot Ion:	166	Resp:	838294
Ion Ratio	Lower	Upper	
166	100		
165	99.1	78.8	118.2
167	13.5	10.6	16.0

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.64 ng

RT: 10.00 min Scan# 1380

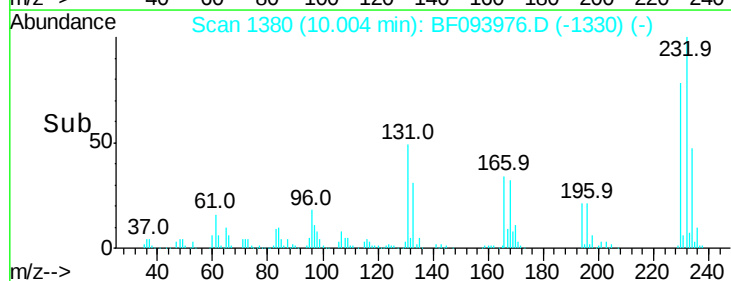
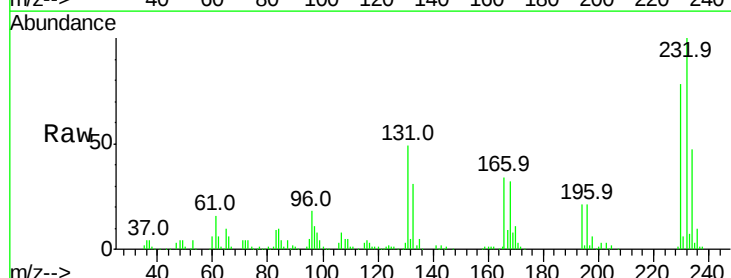
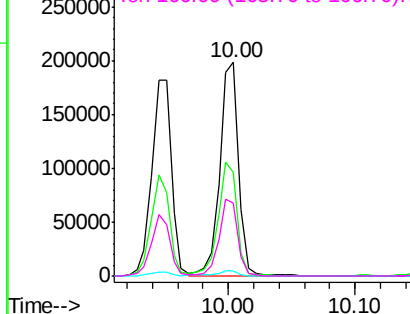
Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Tgt Ion:	232	Resp:	205622
Ion Ratio	Lower	Upper	
232	100		
131	54.0	44.8	67.2
130	3.1	2.3	3.5
166	35.9	29.0	43.4

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





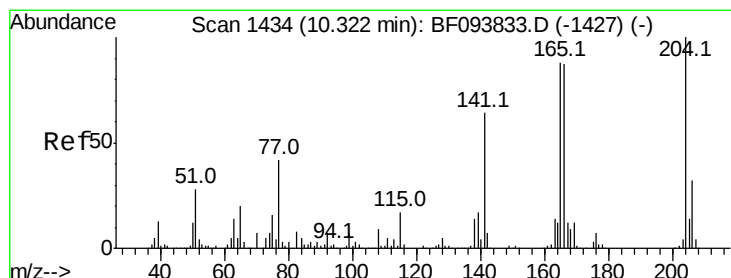
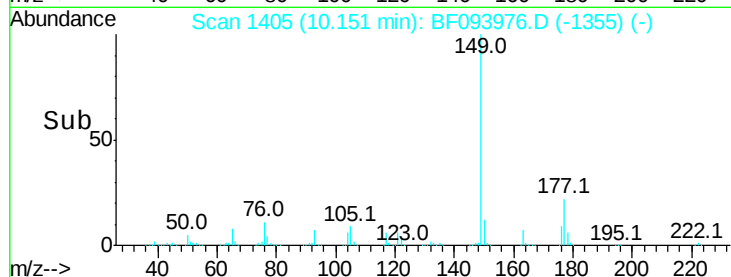
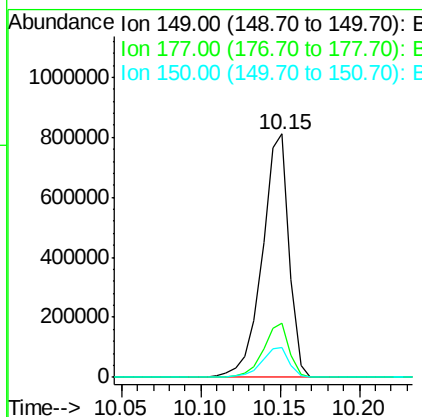
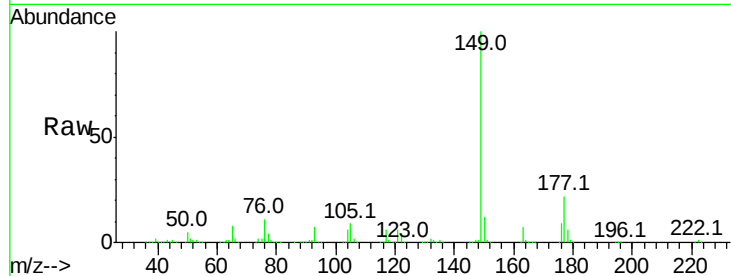
#59
Diethylphthalate
Concen: 44.20 ng
RT: 10.15 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Instrument :
BNA_F
ClientSampled :
PB97833BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	952687		
177	22.0	16.7	25.1	
150	12.5	10.2	15.2	

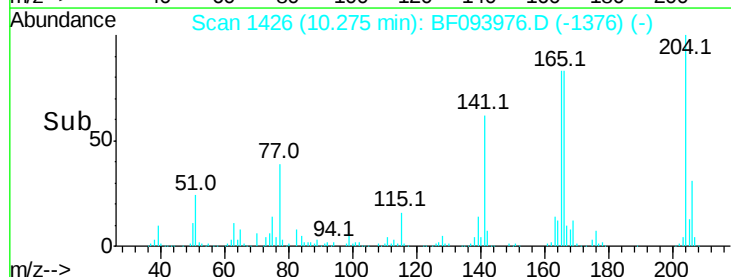
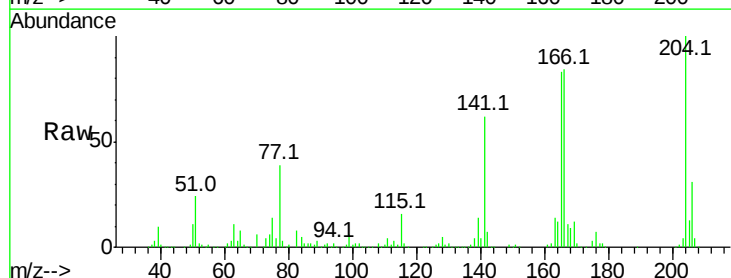
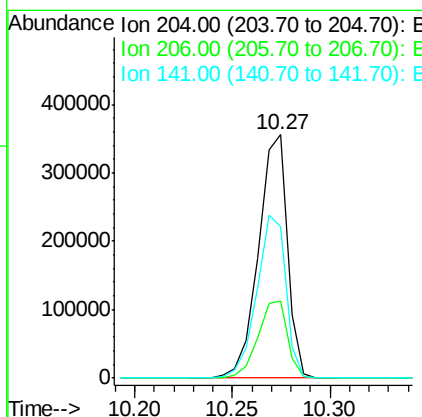
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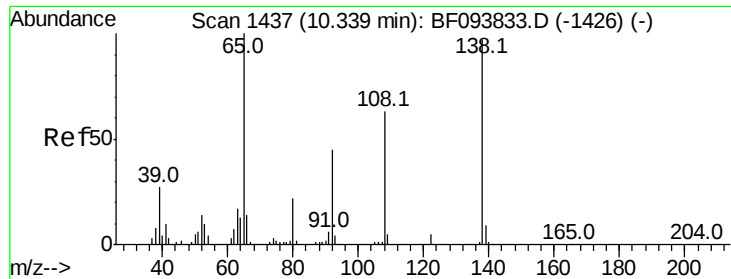
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 40.41 ng
RT: 10.27 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	365052		
206	31.5	26.2	39.2	
141	62.2	60.8	91.2	





#61

4-Nitroaniline

Concen: 39.77 ng

RT: 10.30 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

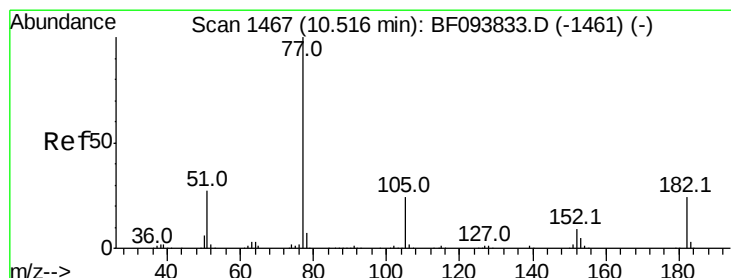
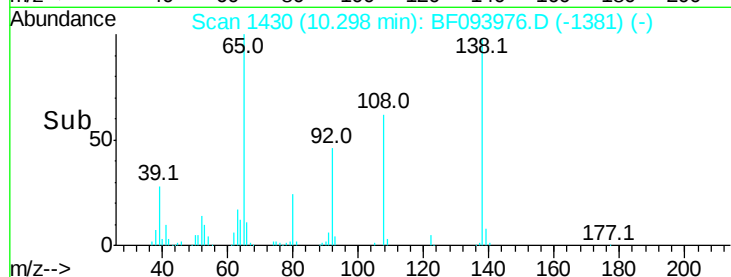
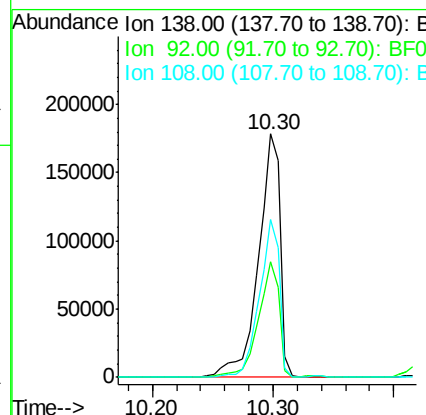
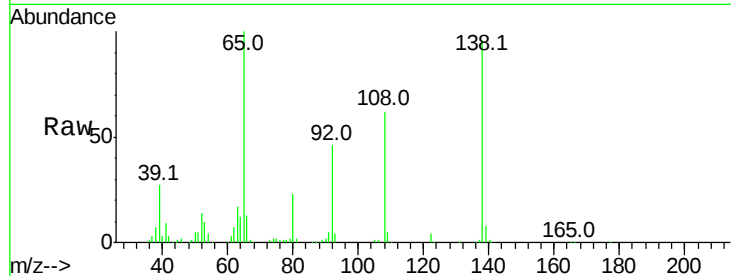
ClientSampled :

PB97833BS

Tot Ion:	138	Resp:	224032
Ion Ratio	Lower	Upper	
138	100		
92	47.4	21.8	61.8
108	64.6	42.3	82.3

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#62

Azobenzene

Concen: 44.35 ng

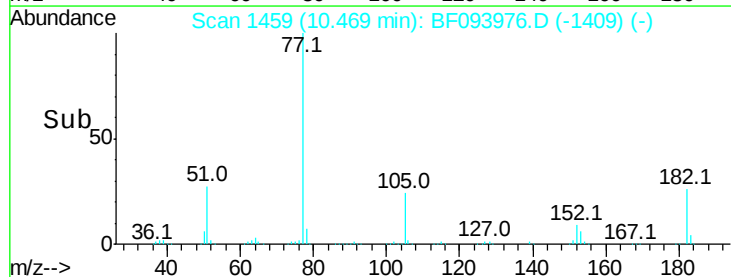
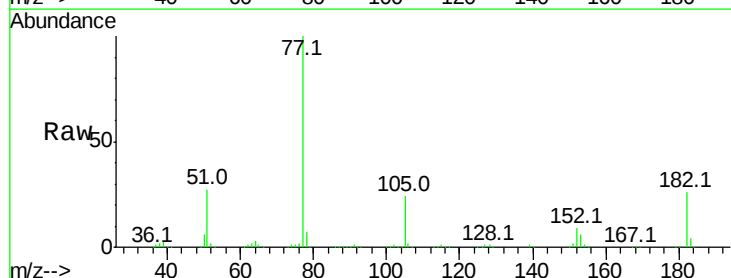
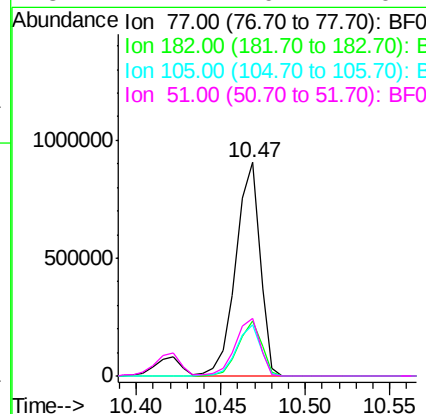
RT: 10.47 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Tgt Ion:	77	Resp:	904395
Ion Ratio	Lower	Upper	
77	100		
182	25.5	0.1	40.1
105	24.0	3.6	43.6
51	27.1	9.4	49.4





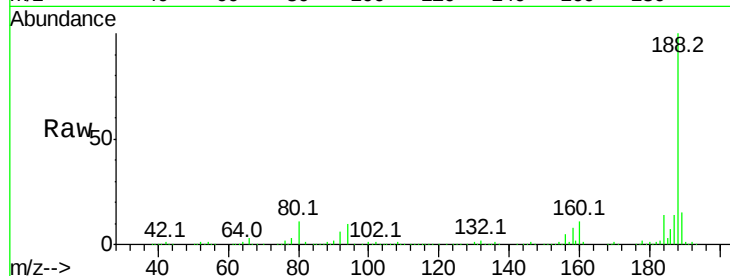
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1620
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Instrument :
BNA_F
ClientSampleId :
PB97833BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.9	9.4	14.2
80	10.7	10.2	15.2

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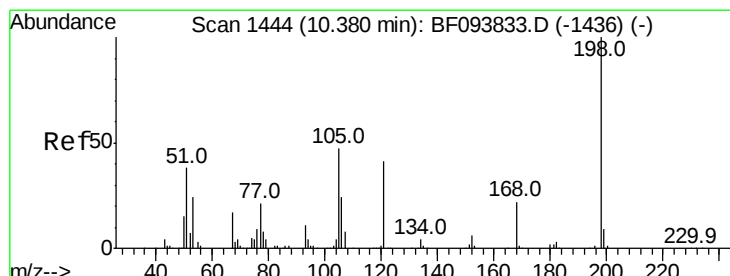
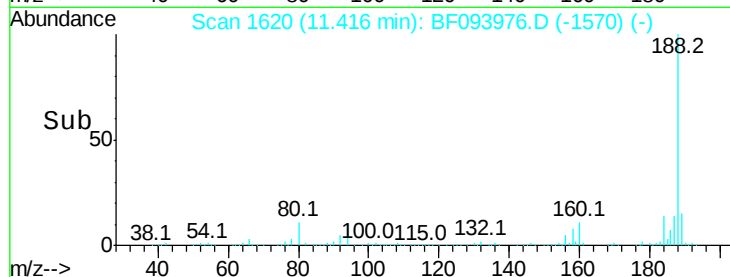
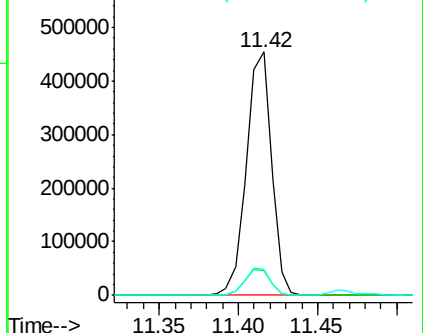
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



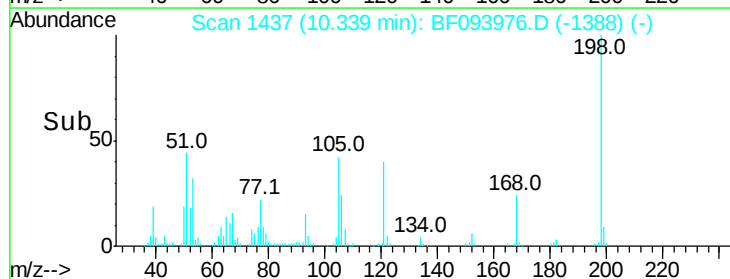
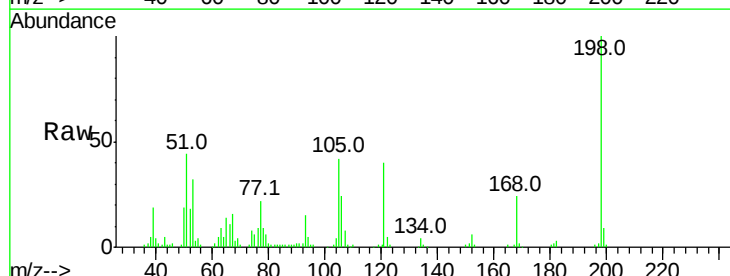
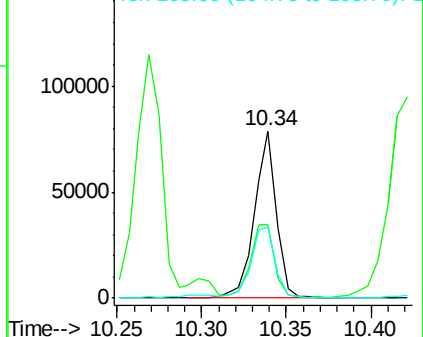
#64
4,6-Dinitro-2-methylphenol
Concen: 23.30 ng
RT: 10.34 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

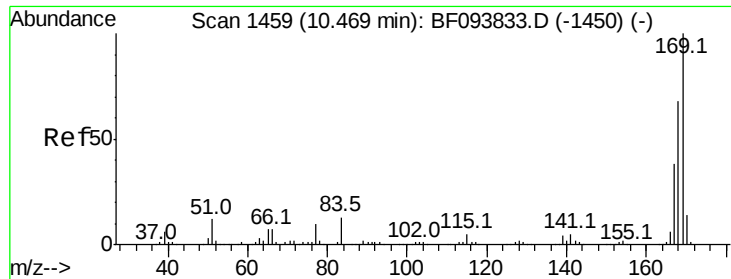
Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	43.6	53.2	93.2#
105	42.1	45.8	85.8#

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





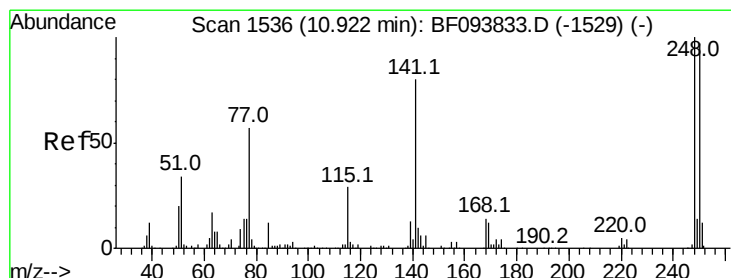
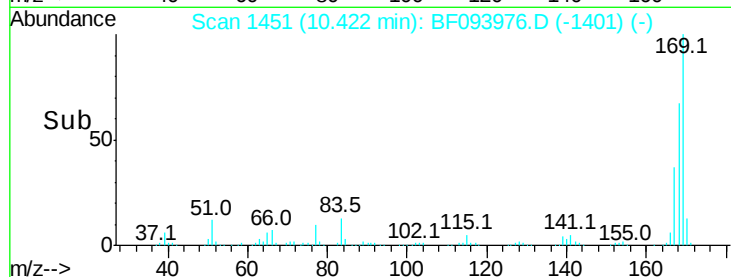
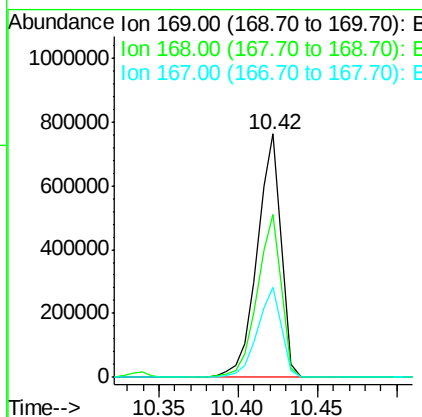
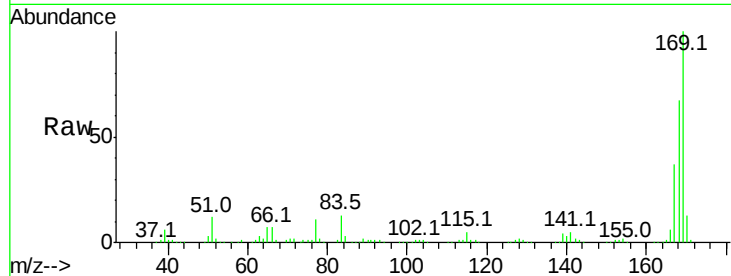
#65
n-Nitrosodiphenylamine
Concen: 46.22 ng
RT: 10.42 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Instrument :
BNA_F
ClientSampleId :
PB97833BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	801302		
168	67.0	53.2	79.8	
167	37.1	29.5	44.3	

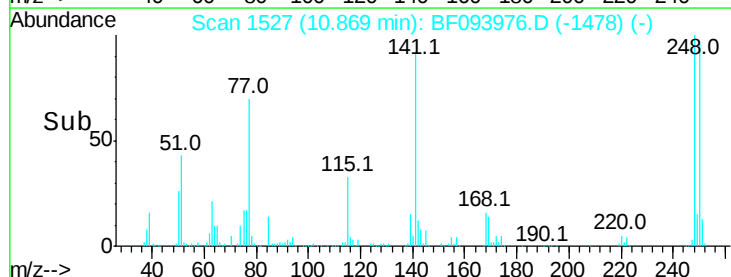
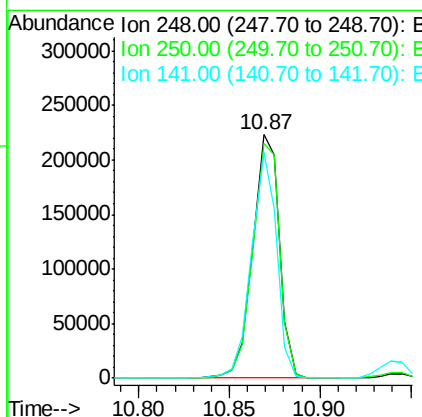
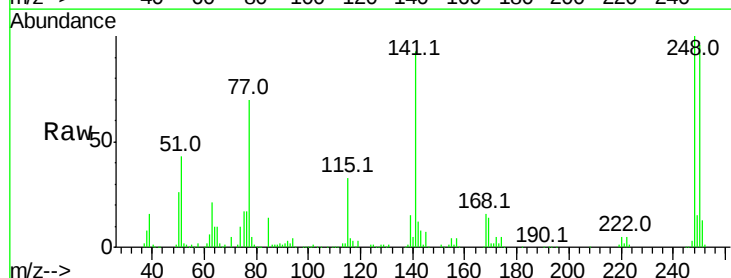
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#66
4-Bromophenyl-phenylether
Concen: 46.31 ng
RT: 10.87 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	228307		
250	96.3	76.8	115.2	
141	92.7	68.6	103.0	





#67

Hexachlorobenzene

Concen: 45.25 ng

RT: 10.95 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

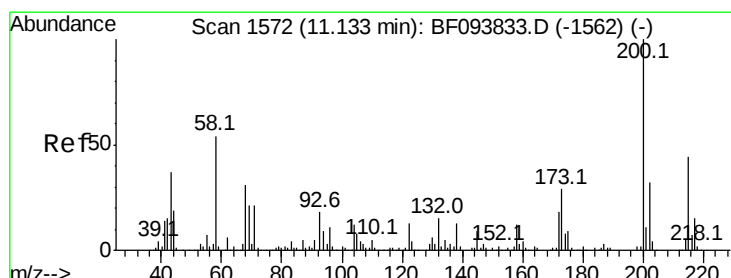
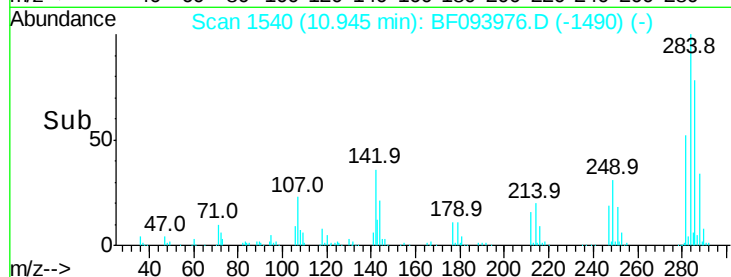
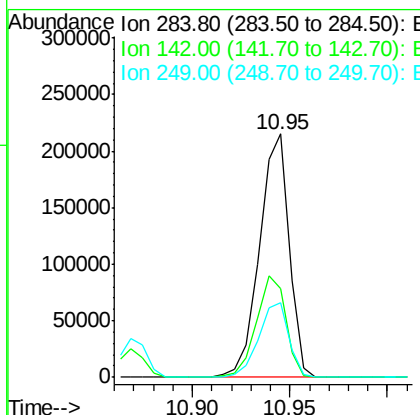
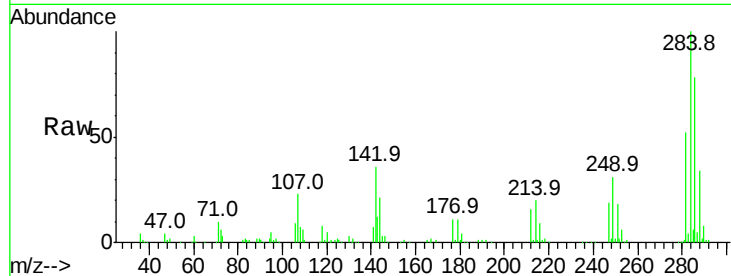
ClientSampleId :

PB97833BS

Tot Ion:	284	Resp:	225863
Ion Ratio	Lower	Upper	
284	100		
142	36.5	22.8	34.2#
249	30.8	24.0	36.0

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#68

Atrazine

Concen: 38.69 ng

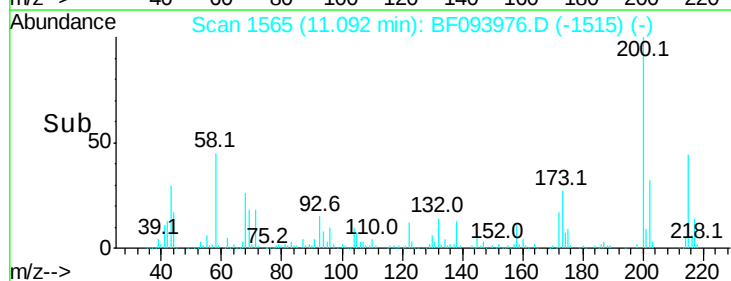
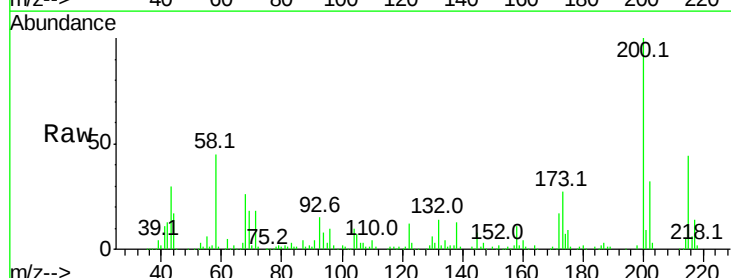
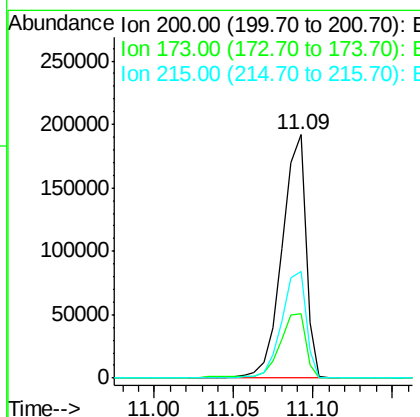
RT: 11.09 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Tgt Ion:	200	Resp:	200926
Ion Ratio	Lower	Upper	
200	100		
173	26.7	6.3	46.3
215	43.7	27.2	67.2





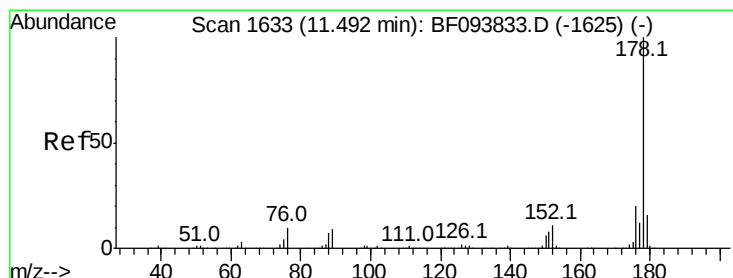
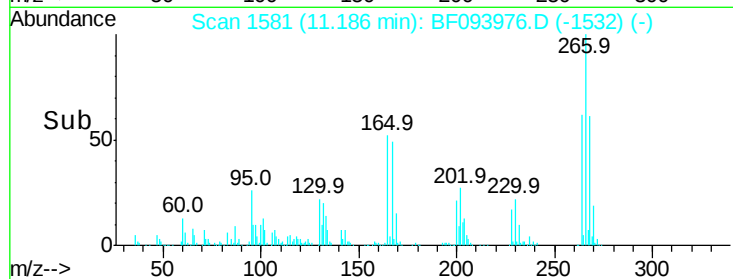
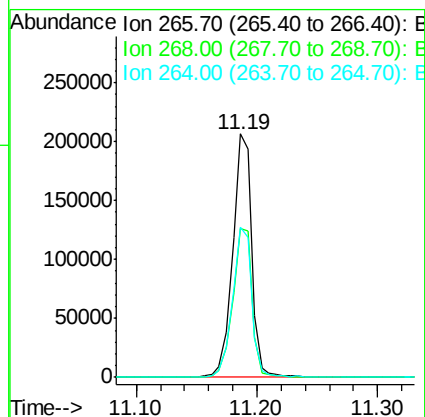
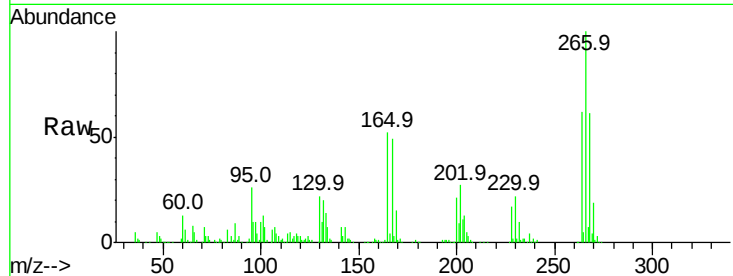
#69
 Pentachlorophenol
 Concen: 72.94 ng
 RT: 11.19 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	226608		
268	61.3	51.1	76.7	
264	61.6	51.7	77.5	

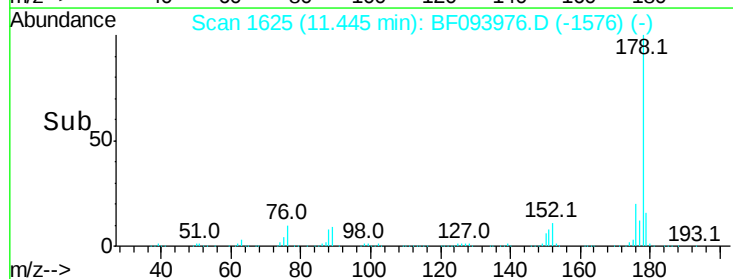
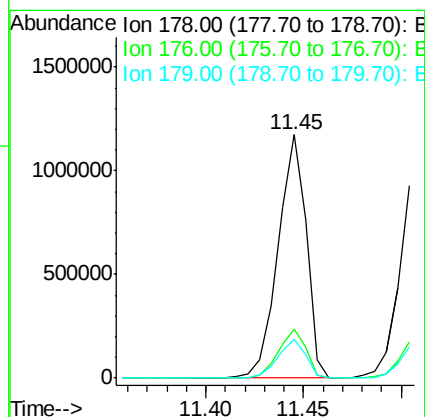
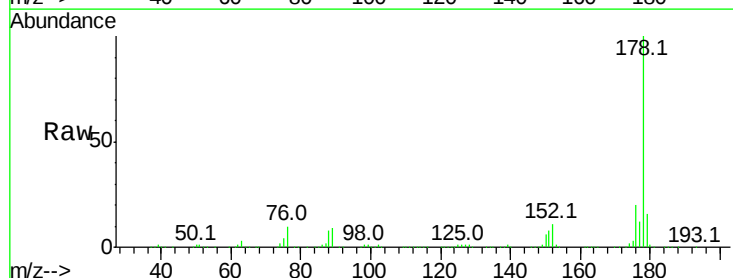
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#70
 Phenanthrene
 Concen: 42.21 ng
 RT: 11.45 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1177229		
176	20.1	16.2	24.4	
179	15.9	12.6	19.0	





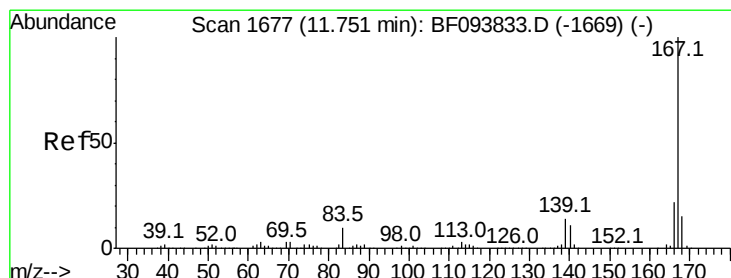
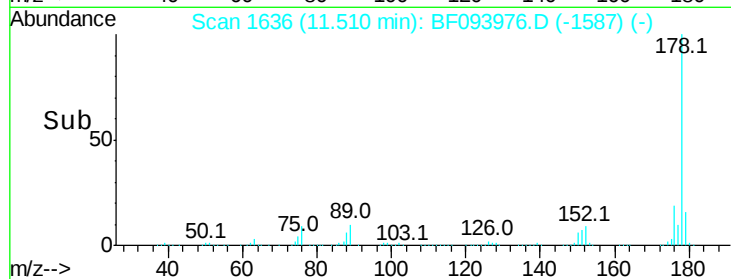
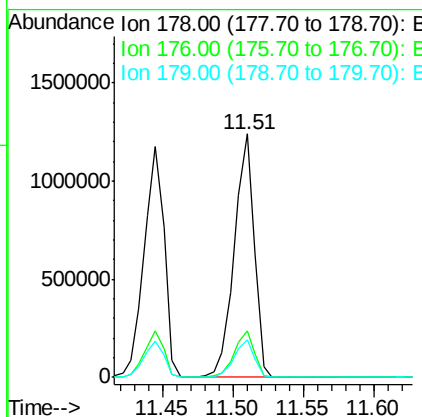
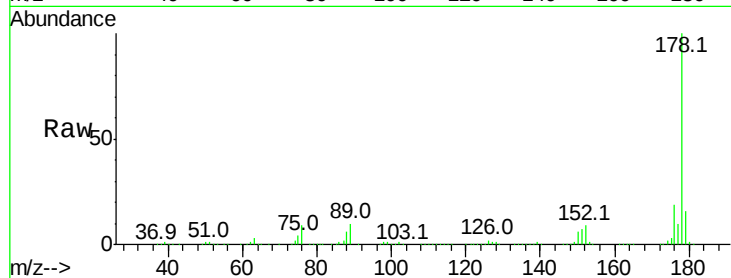
#71
 Anthracene
 Concen: 42.59 ng
 RT: 11.51 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BS

Tot Ion:178 Resp: 1223006
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.6 12.7 19.1

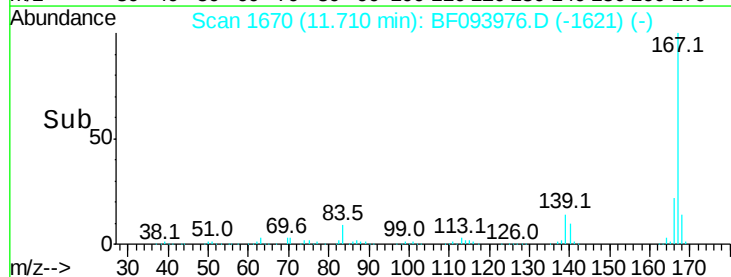
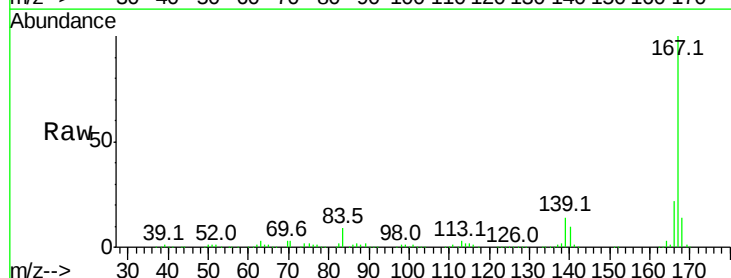
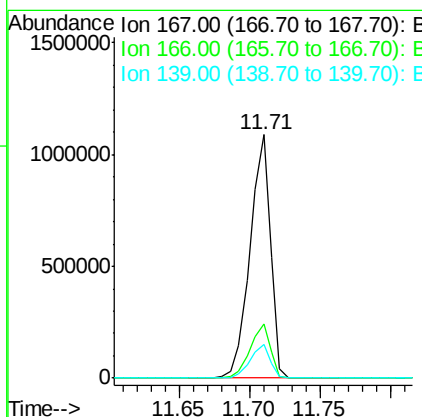
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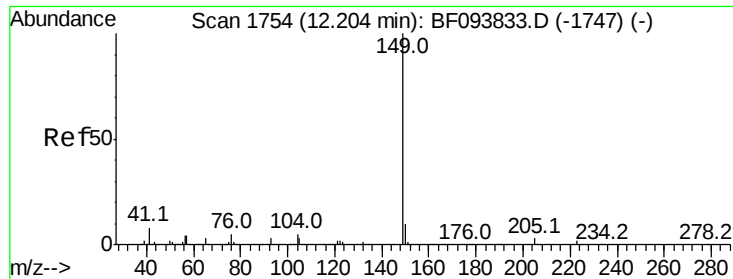
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#72
 Carbazole
 Concen: 37.80 ng
 RT: 11.71 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Tgt Ion:167 Resp: 1113057
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 46.71 ng

RT: 12.16 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

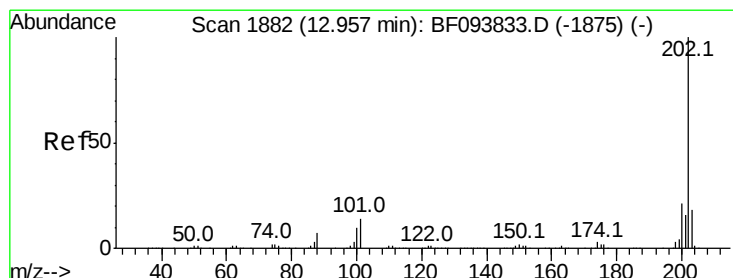
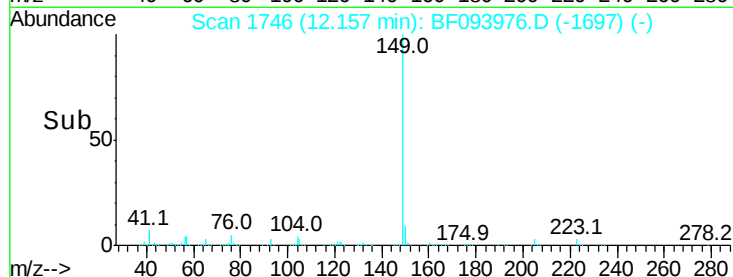
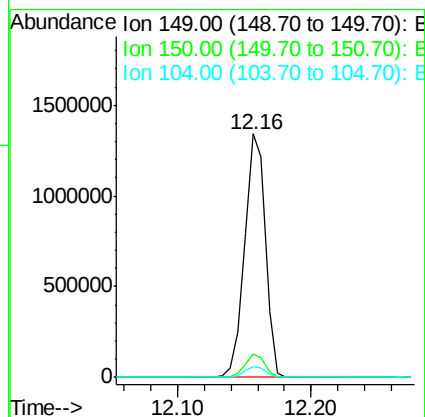
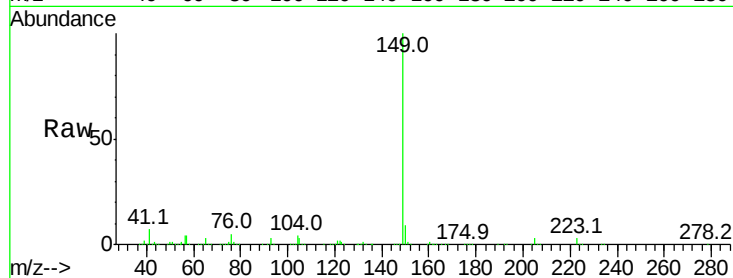
ClientSampleId :

PB97833BS

Tot Ion:	149	Resp:	1430185
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.4	4.0	6.0

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#74

Fluoranthene

Concen: 37.60 ng

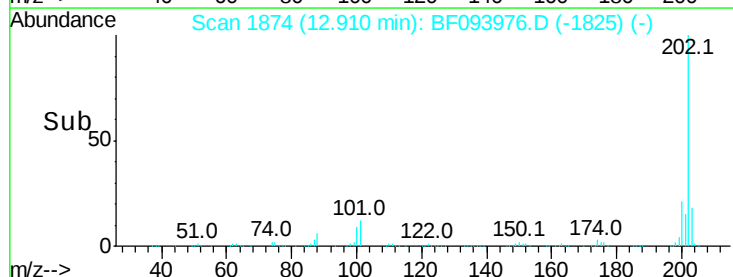
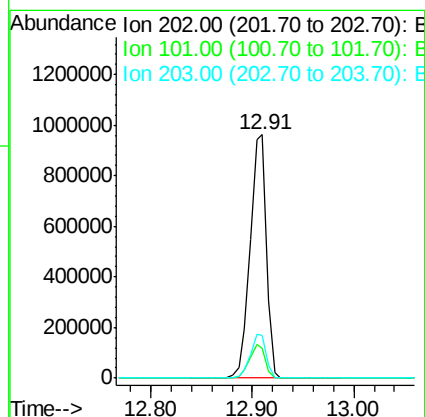
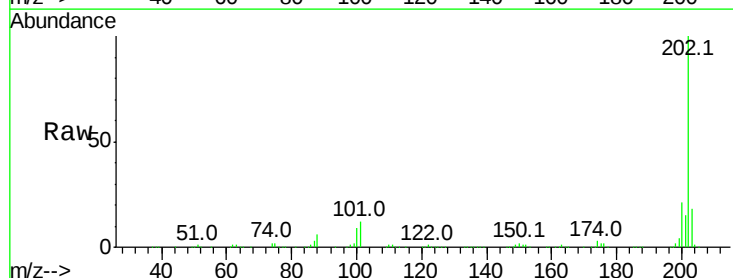
RT: 12.91 min Scan# 1874

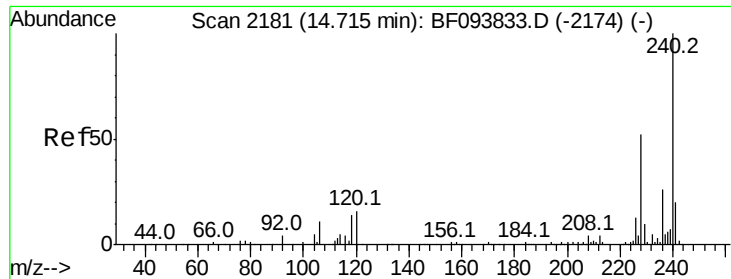
Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Tgt Ion:	202	Resp:	1073775
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.2
203	17.6	0.0	38.1





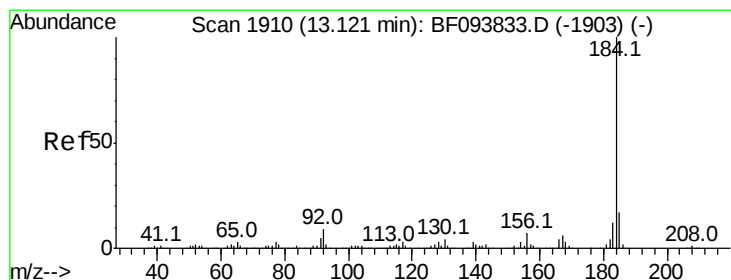
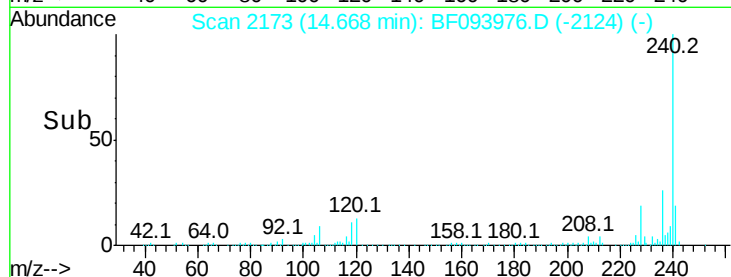
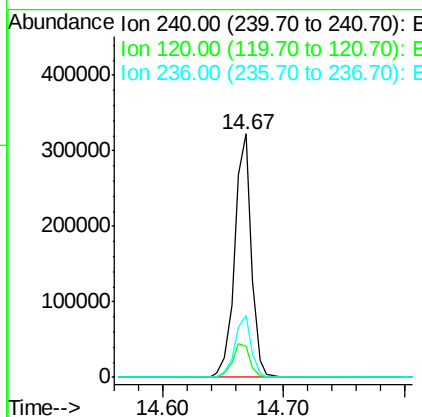
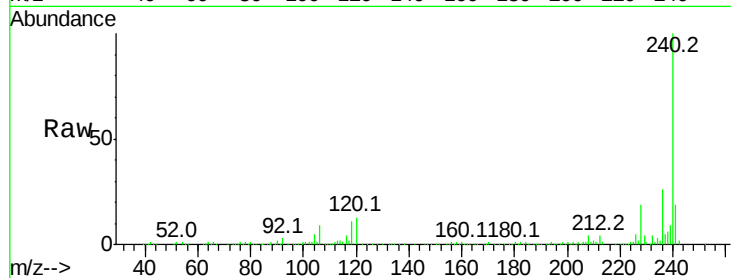
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.67 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.6	5.8	8.8#
236	25.5	20.5	30.7

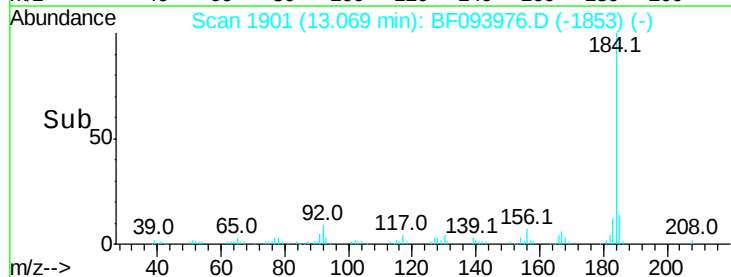
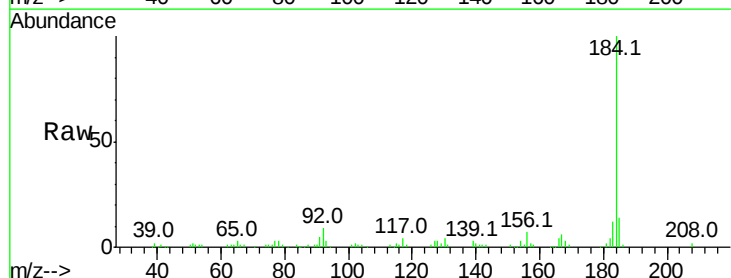
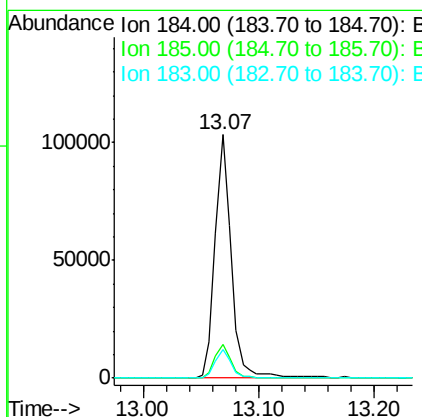
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#76
 Benzidine
 Concen: 8.29 ng
 RT: 13.07 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.7	15.5	23.3#
183	11.9	9.8	14.6





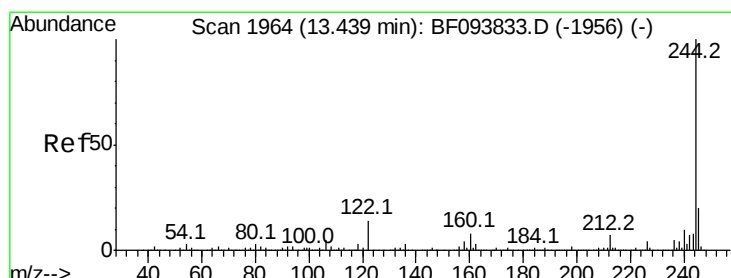
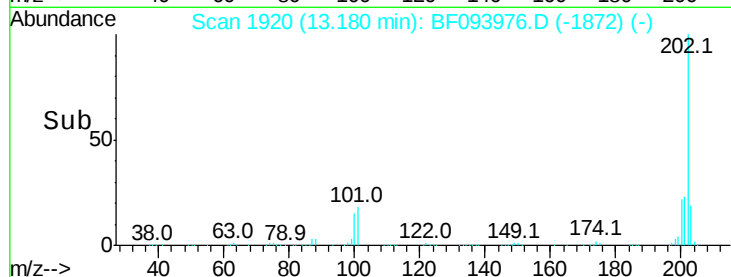
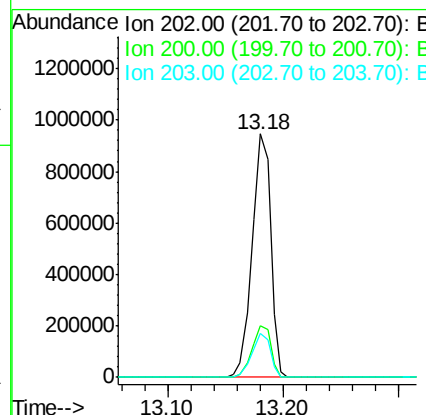
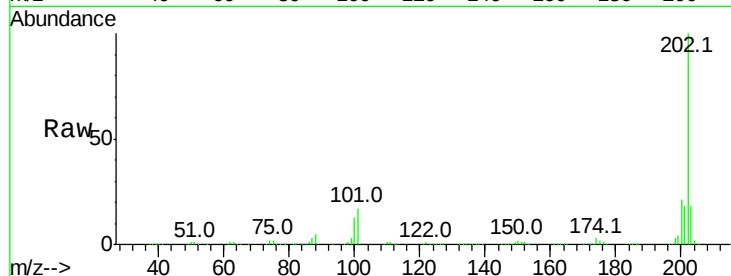
#77
Pvrene
Concen: 47.03 ng
RT: 13.18 min Scan# 1920
Delta R.T. -0.02 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Instrument :
BNA_F
ClientSampleId :
PB97833BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	18.1	14.4	21.6

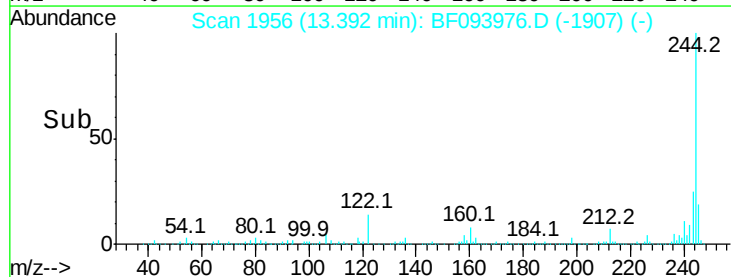
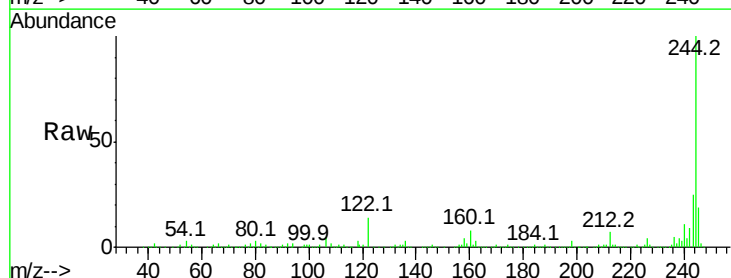
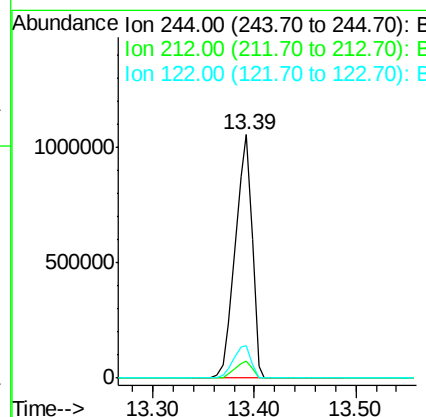
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#78
Terphenyl-d14
Concen: 87.85 ng
RT: 13.39 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.5	10.3	15.5





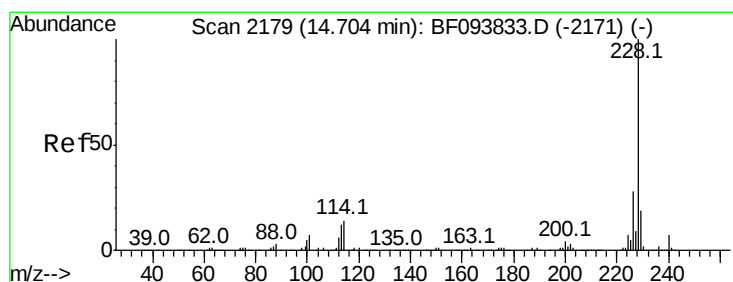
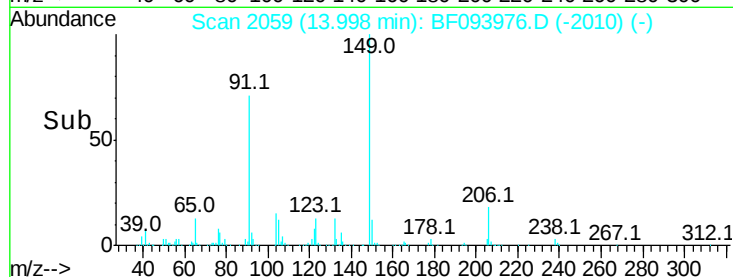
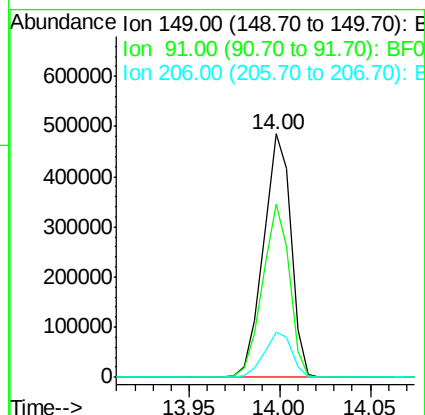
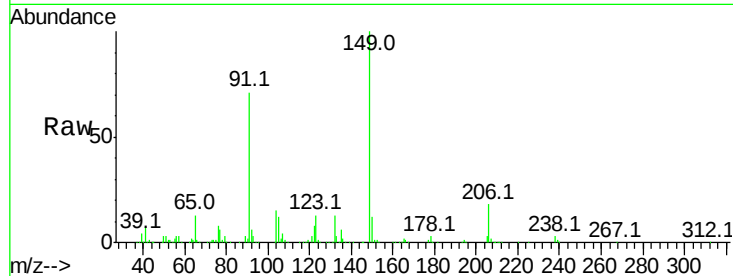
#79
Butylbenzylphthalate
Concen: 53.36 ng
RT: 14.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Instrument :
BNA_F
ClientSampleId :
PB97833BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	71.1	45.0	67.4#
206	18.4	17.0	25.6

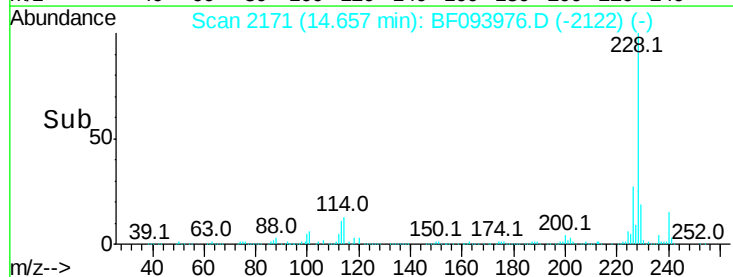
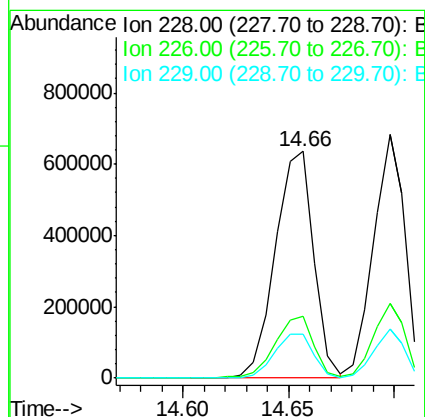
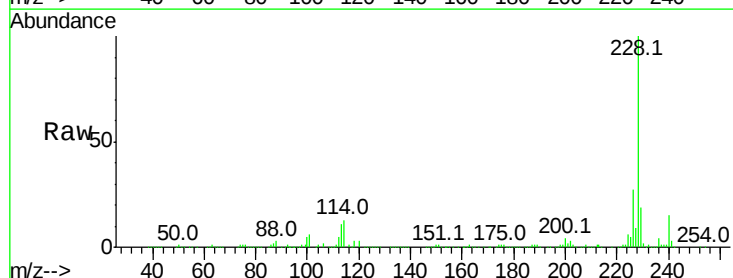
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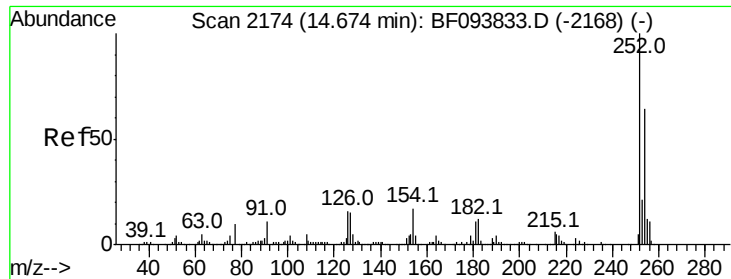
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#80
Benzo(a)anthracene
Concen: 44.36 ng
RT: 14.66 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.2	16.3	24.5





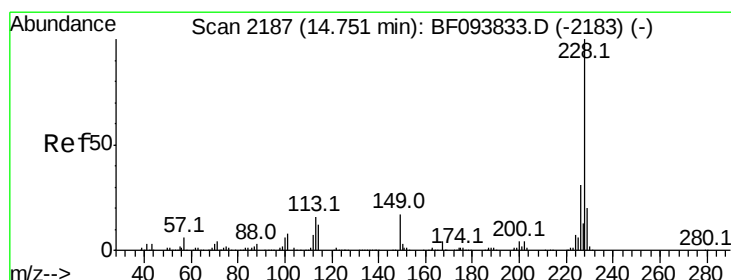
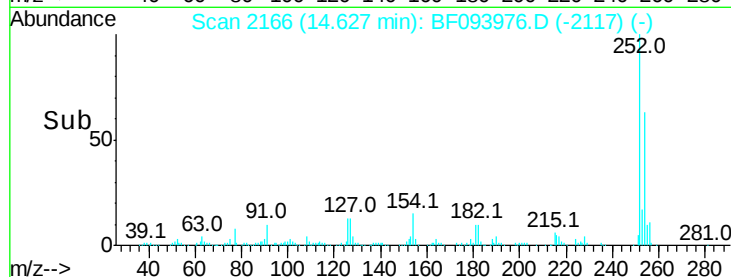
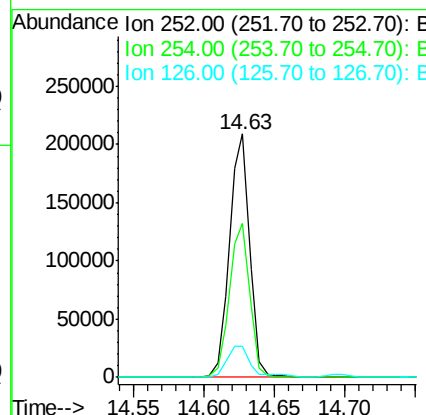
#81
 3,3'-Dichlorobenzidine
 Concen: 31.97 ng
 RT: 14.63 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.3	51.5	77.3
126	13.0	15.8	23.8

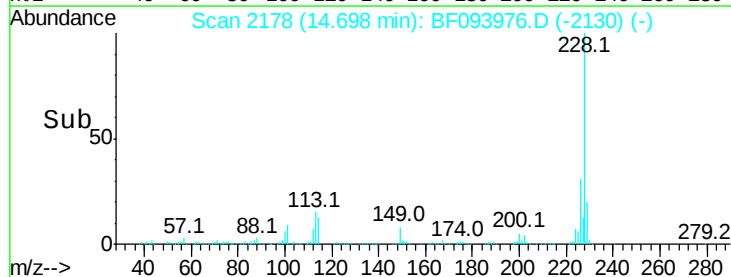
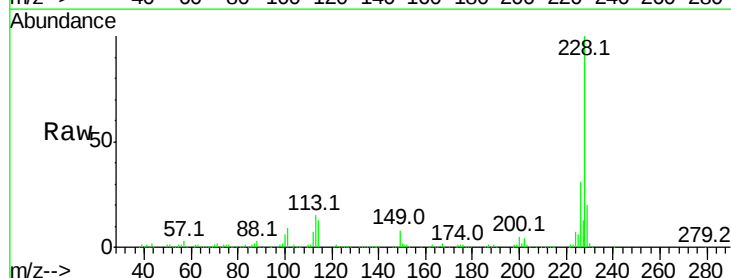
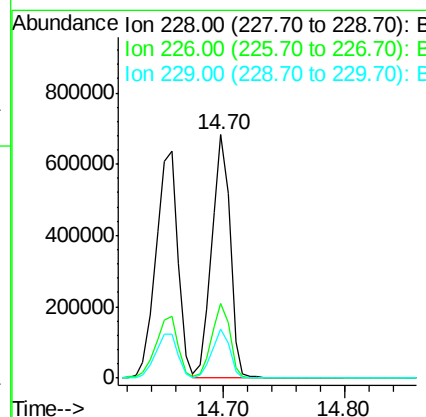
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#82
 Chrysene
 Concen: 42.48 ng
 RT: 14.70 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	24.9	37.3
229	19.9	15.8	23.6





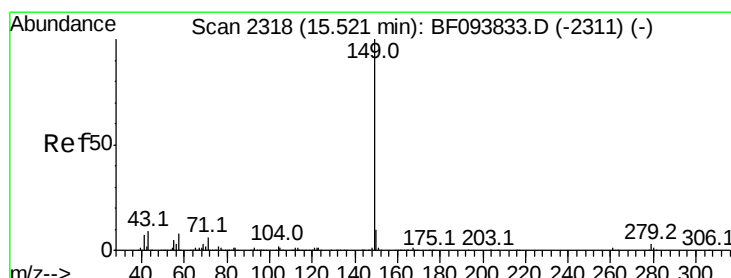
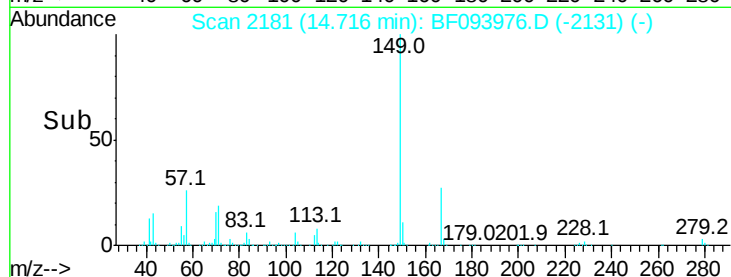
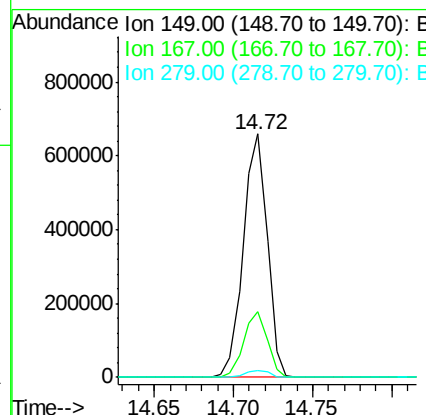
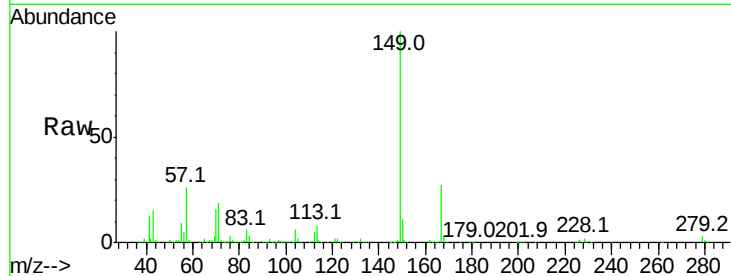
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.65 ng
 RT: 14.72 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	689941		
167	26.8		21.0	31.4
279	3.0		1.9	2.9#

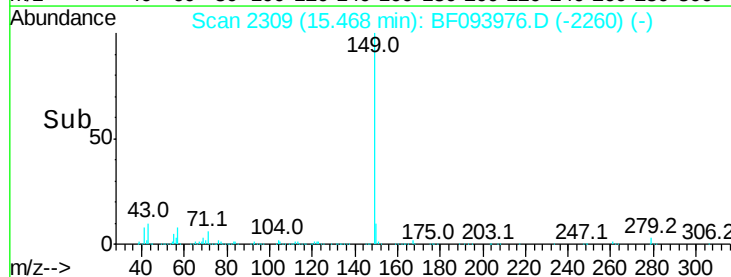
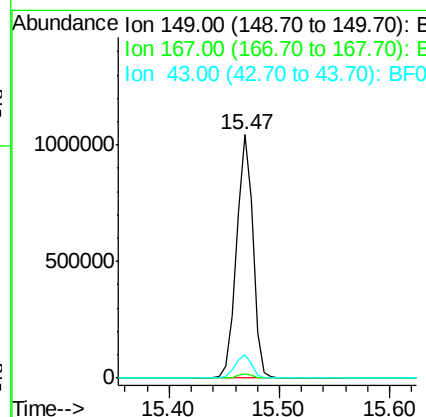
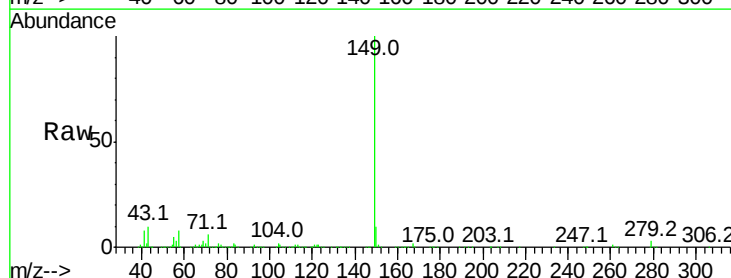
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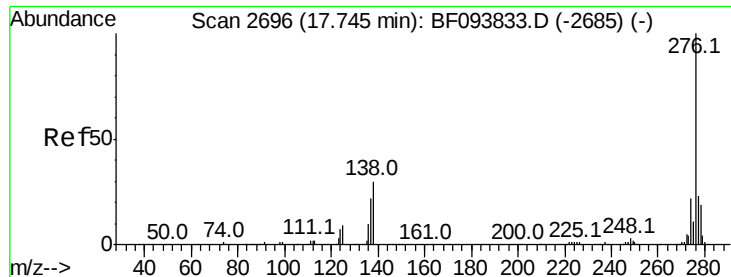
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#84
 Di-n-octyl phthalate
 Concen: 49.81 ng
 RT: 15.47 min Scan# 2309
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1090463		
167	1.5		1.2	1.8
43	9.7		8.5	12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.94 ng

RT: 17.67 min Scan# 2683

Delta R.T. -0.02 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

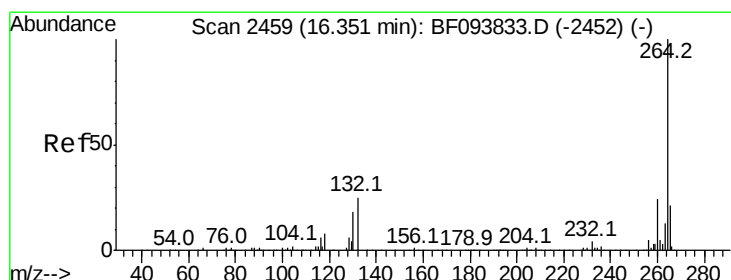
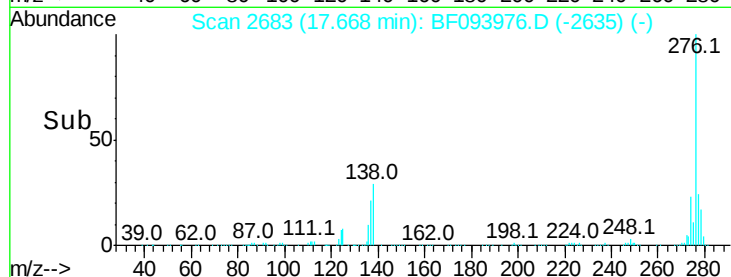
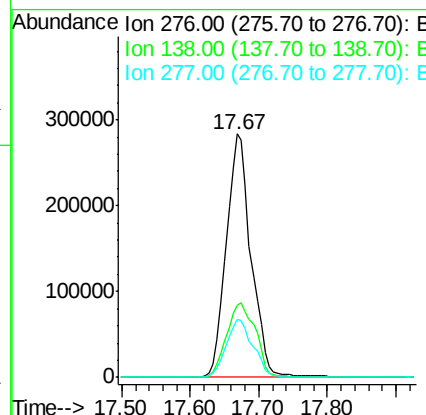
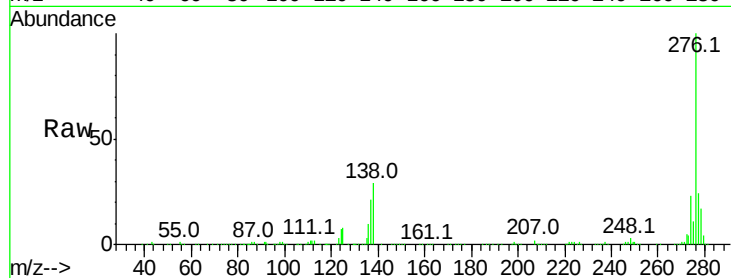
ClientSampleId :

PB97833BS

Tot Ion:	276	Resp:	712403
Ion Ratio	Lower	Upper	
276	100		
138	35.6	27.8	41.6
277	25.5	20.2	30.4

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#86

Perylene-d12

Concen: 20.00 ng

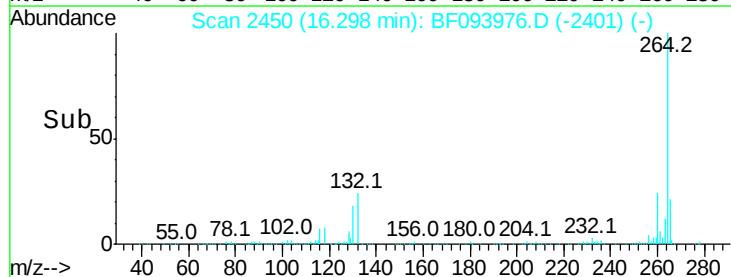
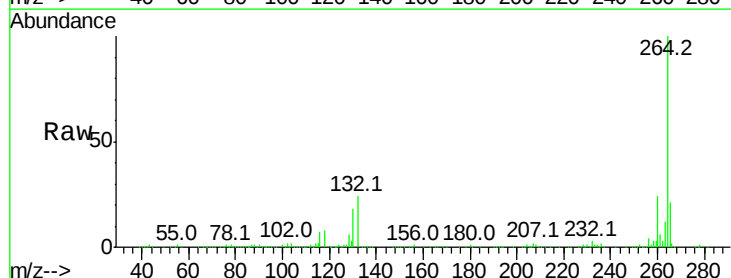
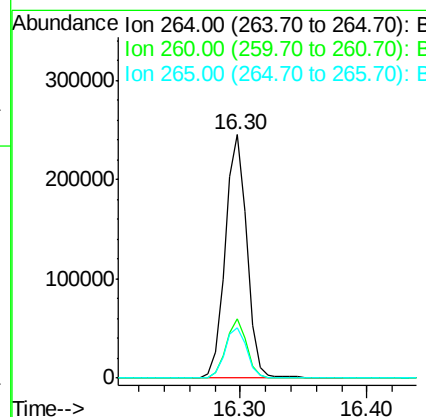
RT: 16.30 min Scan# 2450

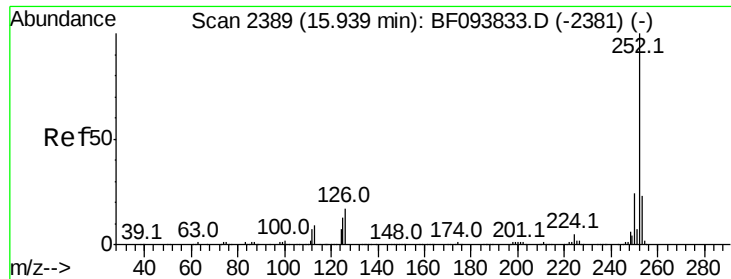
Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Tgt Ion:	264	Resp:	290321
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.5	29.3
265	20.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 43.41 ng

RT: 15.89 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

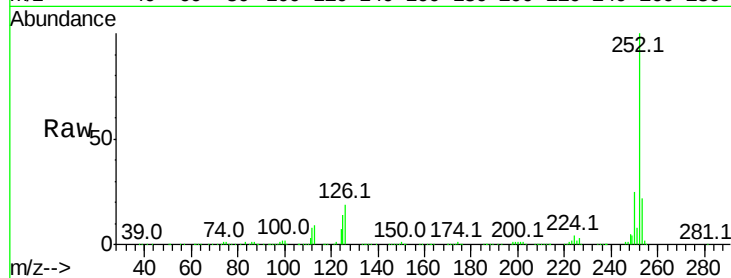
ClientSampleId :

PB97833BS

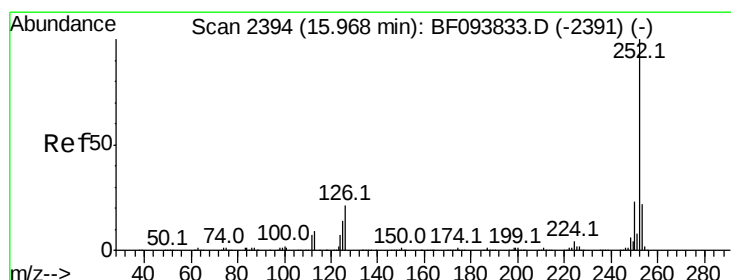
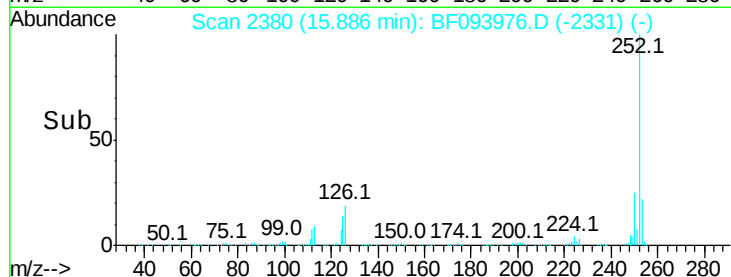
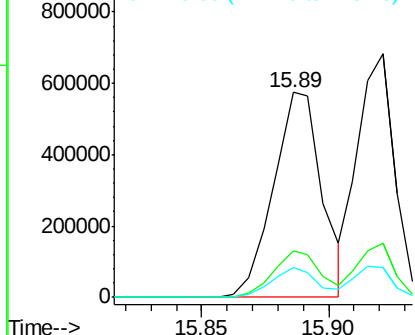
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	14.5	9.8	14.8

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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



#88

Benzo(k)fluoranthene

Concen: 40.22 ng m

RT: 15.92 min Scan# 2386

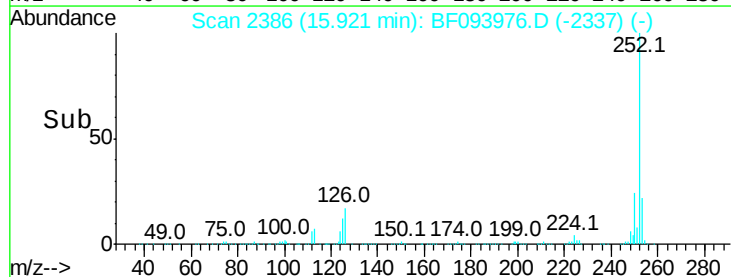
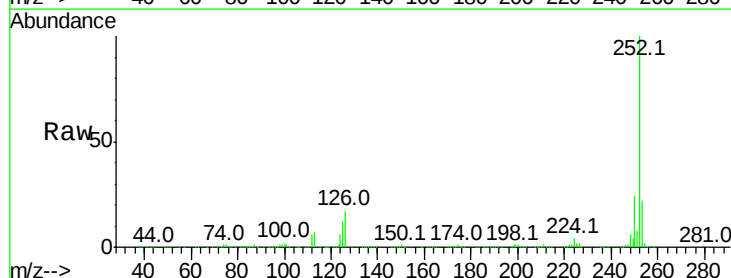
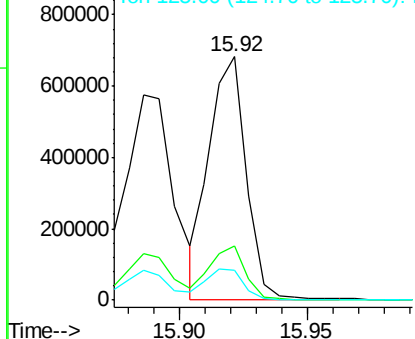
Delta R.T. -0.01 min

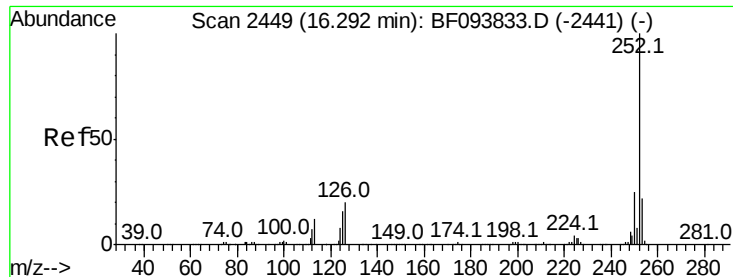
Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	12.2	13.1	19.7#

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





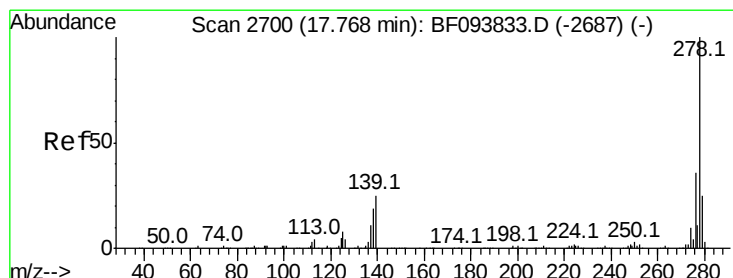
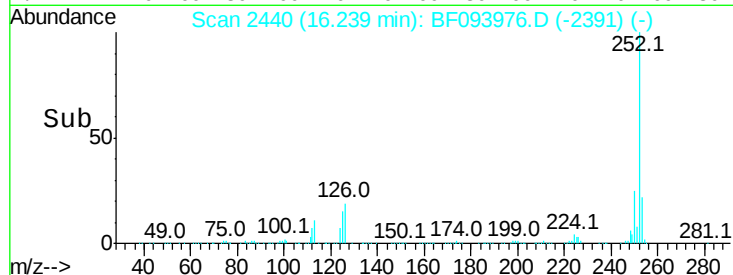
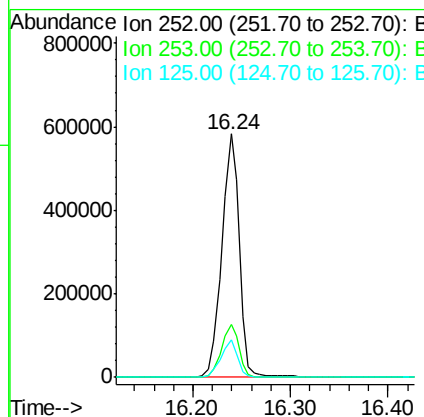
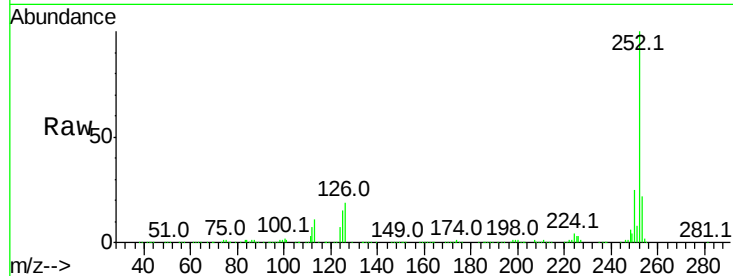
#89
Benzo(a)pyrene
Concen: 44.19 ng
RT: 16.24 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Instrument :
BNA_F
ClientSampleId :
PB97833BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.0	17.5	26.3
125	15.2	11.0	16.4

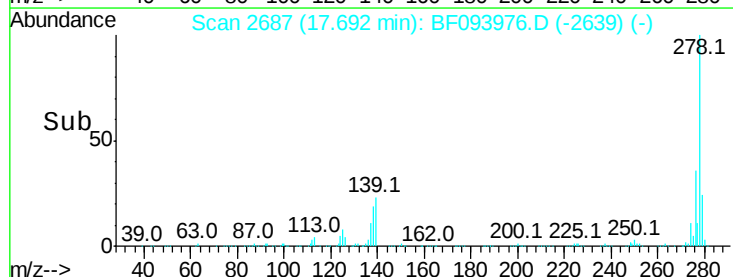
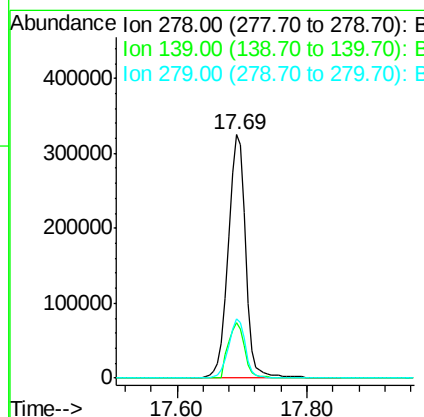
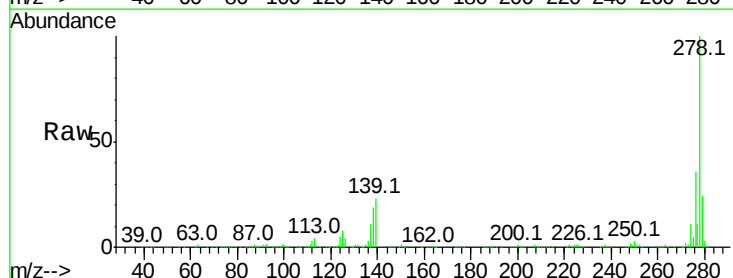
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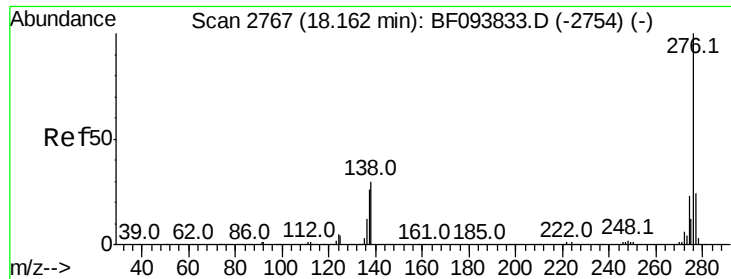
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#90
Dibenzo(a,h)anthracene
Concen: 43.70 ng
RT: 17.69 min Scan# 2687
Delta R.T. -0.02 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	22.8	16.6	24.8
279	24.3	19.3	28.9





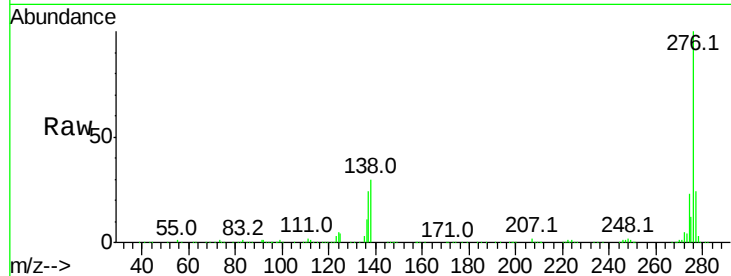
#91
 Benzo(a,h,i)perylene
 Concen: 40.48 ng
 RT: 18.08 min Scan# 2753
 Delta R.T. -0.02 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BS

Tot Ion:	276	Resp:	566213
Ion Ratio	Lower	Upper	
276	100		
277	24.4	18.6	28.0
138	30.2	25.4	38.0

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

