

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
 Data File : BF093365.D
 Acq On : 3 Mar 2017 18:16
 Operator : SJ/MA
 Sample : PB97311BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97311BS

Manual Integrations
 APPROVED

mohammad
 3/6/2017 4:23:20 PM

Quant Time: Mar 03 22:57:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 22:55:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	191190	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	753536	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	342401	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	639107	20.00	ng	0.00
75) Chrysene-d12	13.95	240	522747	20.00	ng	0.00
86) Perylene-d12	15.37	264	386897	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1310741	117.62	ng	0.01
7) Phenol-d6	6.44	99	1731430	120.75	ng	0.00
23) Nitrobenzene-d5	7.37	82	1219441	90.12	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	362283	146.29	ng	0.01
44) 2-Fluorobiphenyl	9.15	172	1737307	91.92	ng	0.00
78) Terphenyl-d14	12.90	244	1685889	75.78	ng	0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.40	88	195036	32.39	ng	# 84
3) Pyridine	3.09	79	530971	34.68	ng	89
4) n-Nitrosodimethylamine	3.06	42	301336	41.91	ng	89
6) Aniline	6.45	93	291265	14.89	ng	# 40
8) 2-Chlorophenol	6.58	128	529308	43.05	ng	94
9) Benzaldehyde	6.33	77	135069	13.15	ng	86
10) Phenol	6.45	94	617597	36.81	ng	91
11) bis(2-Chloroethyl)ether	6.52	93	549801	41.06	ng	89
12) 1,3-Dichlorobenzene	6.73	146	586710	40.74	ng	97
13) 1,4-Dichlorobenzene	6.81	146	586121m	40.22	ng	
14) 1,2-Dichlorobenzene	6.96	146	533296	38.27	ng	97
15) Benzyl Alcohol	6.94	79	424694	40.01	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	859570	36.95	ng	61
17) 2-Methylphenol	7.07	107	438165	41.54	ng	# 91
18) Hexachloroethane	7.30	117	207279	41.66	ng	95
19) n-Nitroso-di-n-propylamine	7.21	70	398782	43.69	ng	94
20) 3+4-Methylphenols	7.22	107	600103	47.59	ng	# 80
22) Acetophenone	7.21	105	743725	43.23	ng	# 97
24) Nitrobenzene	7.38	77	563902	40.58	ng	99
25) Isophorone	7.62	82	1106372	43.88	ng	95
26) 2-Nitrophenol	7.70	139	303602	45.97	ng	98
27) 2,4-Dimethylphenol	7.74	122	495213	42.69	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	717611	42.97	ng	100
29) 2,4-Dichlorophenol	7.95	162	475179	43.92	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	466656	40.03	ng	95
31) Naphthalene	8.10	128	1537131	40.24	ng	99
32) Benzoic acid	7.89	122	271570	42.32	ng	99
33) 4-Chloroaniline	8.16	127	140099	9.35	ng	98
34) Hexachlorobutadiene	8.21	225	256043	39.92	ng	99
35) Caprolactam	8.54	113	166106m	48.81	ng	
36) 4-Chloro-3-methylphenol	8.66	107	523800	46.44	ng	98
37) 2-Methylnaphthalene	8.78	142	999103	40.74	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	448116	46.62	ng	98
40) Hexachlorocyclopentadiene	8.93	237	225158	51.92	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	327504	51.86	nq	94
43) 2,4,5-Trichlorophenol	9.13	196	317618	45.90	nq	# 87
45) 1,1'-Biphenyl	9.25	154	1225815	49.44	nq	98
46) 2-Chloronaphthalene	9.28	162	916589	47.26	nq	96
47) 2-Nitroaniline	9.38	65	291989	44.78	nq	94
48) Acenaphthylene	9.69	152	1352369	40.36	nq	99
49) Dimethylphthalate	9.56	163	1147811	49.77	nq	100
50) 2,6-Dinitrotoluene	9.63	165	255969	51.39	nq	# 83
51) Acenaphthene	9.86	154	803627	40.12	nq	95
52) 3-Nitroaniline	9.79	138	99165	17.40	nq	94
53) 2,4-Dinitrophenol	9.92	184	199901	78.96	nq	# 76
54) Dibenzofuran	10.03	168	1165384	43.49	nq	96
55) 4-Nitrophenol	9.98	139	292782	71.32	nq	89
56) 2,4-Dinitrotoluene	10.04	165	294370	44.39	nq	# 60
57) Fluorene	10.37	166	914703	44.37	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	236198	51.17	nq	93
59) Diethylphthalate	10.25	149	1043030	47.99	nq	100
60) 4-Chlorophenyl-phenylether	10.36	204	422741	42.69	nq	93
61) 4-Nitroaniline	10.42	138	262841	45.02	nq	# 77
62) Azobenzene	10.52	77	1166725	51.96	nq	97
64) 4,6-Dinitro-2-methylphenol	10.45	198	163758	42.42	nq	94
65) n-Nitrosodiphenylamine	10.49	169	810095	39.68	nq	100
66) 4-Bromophenyl-phenylether	10.85	248	278052	41.64	nq	92
67) Hexachlorobenzene	10.92	284	254654	38.59	nq	# 84
68) Atrazine	11.02	200	285551	43.58	nq	92
69) Pentachlorophenol	11.13	266	221264	66.31	nq	98
70) Phenanthrene	11.33	178	1334914	36.46	nq	99
71) Anthracene	11.39	178	1558658	42.39	nq	98
72) Carbazole	11.55	167	1420845	40.42	nq	98
73) Di-n-butylphthalate	11.87	149	1678946	44.17	nq	# 97
74) Fluoranthene	12.52	202	1383654	36.64	nq	98
76) Benzidine	12.65	184	353371	15.86	nq	96
77) Pyrene	12.75	202	1396530	35.70	nq	100
79) Butylbenzylphthalate	13.37	149	721405	45.41	nq	# 79
80) Benzo(a)anthracene	13.94	228	1196466	37.42	nq	99
81) 3,3'-Dichlorobenzidine	13.91	252	253983	22.29	nq	# 95
82) Chrysene	13.97	228	977591	32.66	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	886715	40.81	nq	99
84) Di-n-octyl phthalate	14.53	149	1533738	43.35	nq	98
85) Indeno(1,2,3-cd)pyrene	16.75	276	847042	36.53	nq	# 94
87) Benzo(b)fluoranthene	14.97	252	1132238m	44.46	nq	
88) Benzo(k)fluoranthene	14.99	252	797745m	36.28	nq	
89) Benzo(a)pyrene	15.31	252	922077	41.86	nq	97
90) Dibenzo(a,h)anthracene	16.75	278	708964	39.82	nq	99
91) Benzo(g,h,i)perylene	17.16	276	746372	41.50	nq	# 93

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

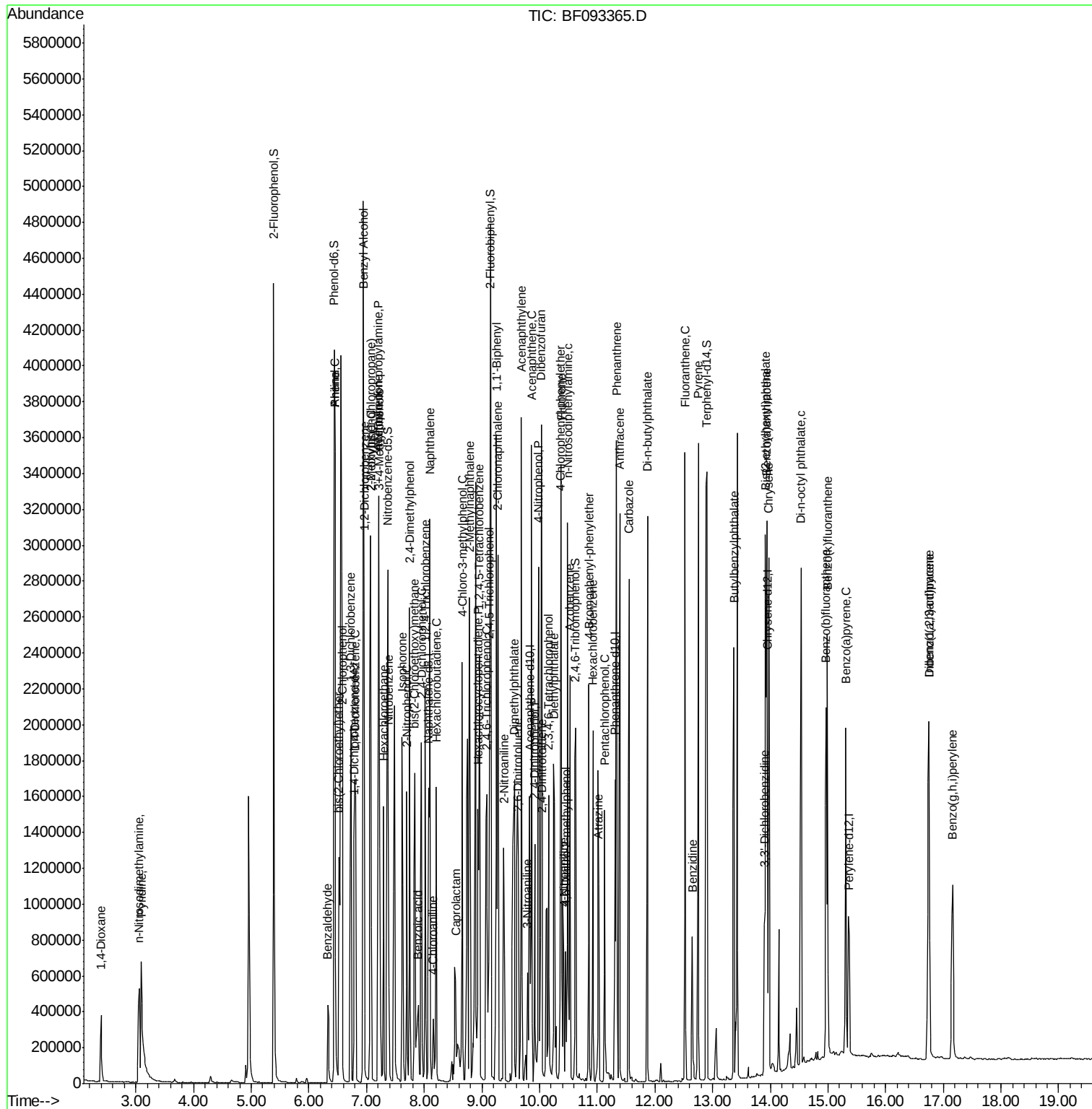
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Misc :
ALS Vial : 4 Sample Multiplier: 1

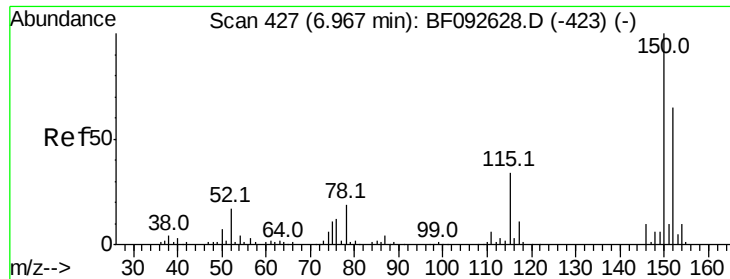
Instrument :
BNA_F
ClientSampled :
PB97311BS

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#1

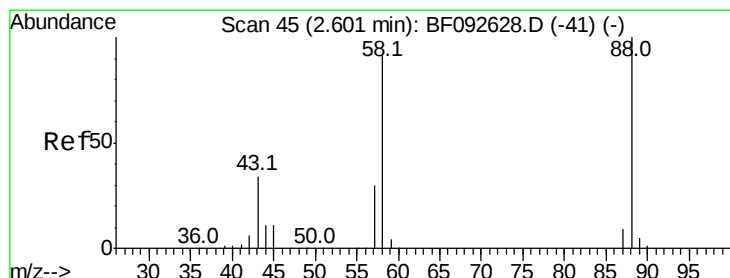
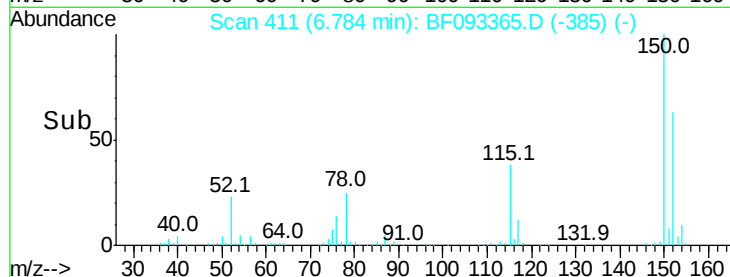
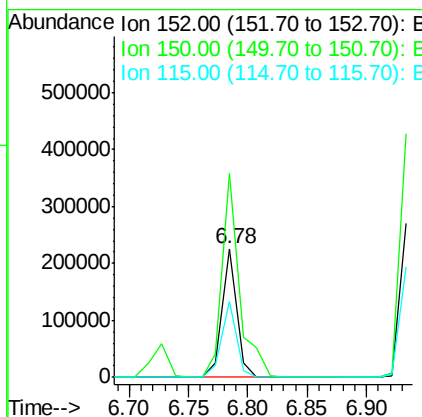
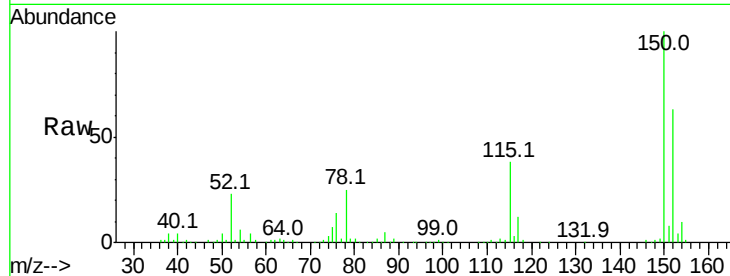
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Instrument :
BNA_F
ClientSampleId :
PB97311BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.9	187.3
115	59.5	46.0	69.0

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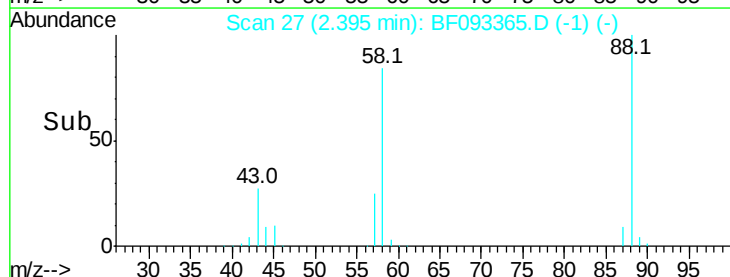
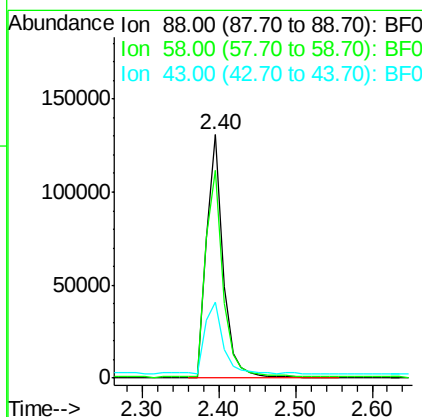
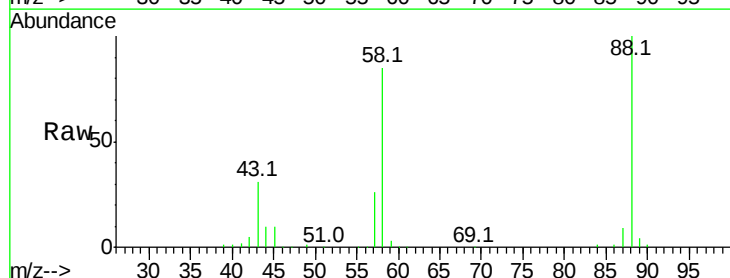
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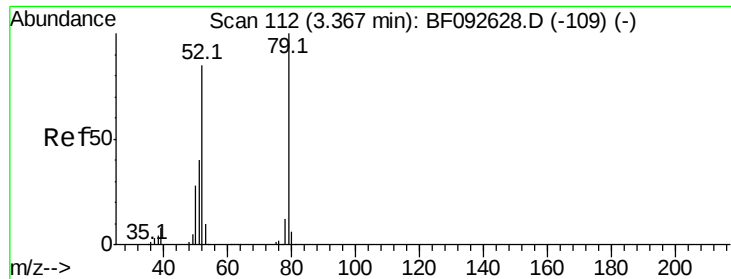


#2

1,4-Dioxane
Concen: 32.39 ng
RT: 2.40 min Scan# 27
Delta R.T. 0.09 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.6	57.8	86.8#
43	31.1	22.3	33.5





#3

Pvridine

Concen: 34.68 ng

RT: 3.09 min Scan# 88

Delta R.T. 0.08 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

Instrument :

BNA_F

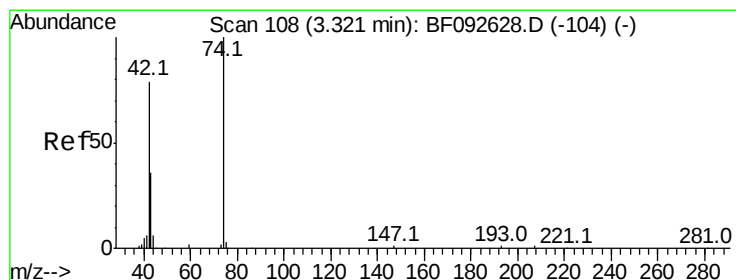
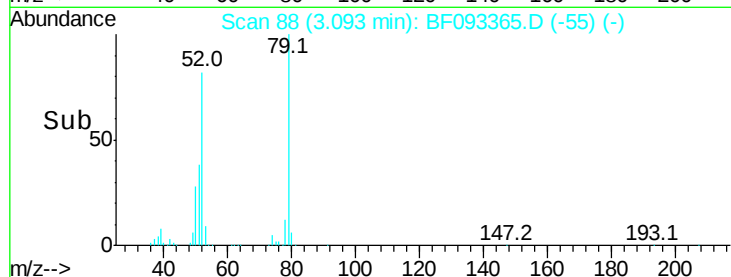
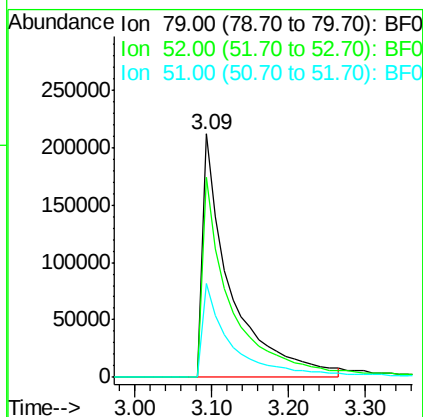
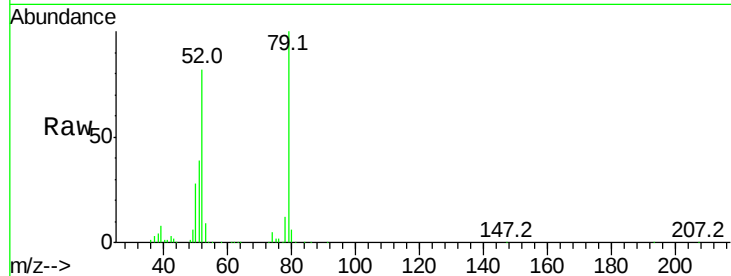
ClientSampleId :

PB97311BS

Tot Ion:	79	Resp:	530971
Ion Ratio	Lower	Upper	
79	100		
52	82.0	57.1	85.7
51	38.5	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 41.91 ng

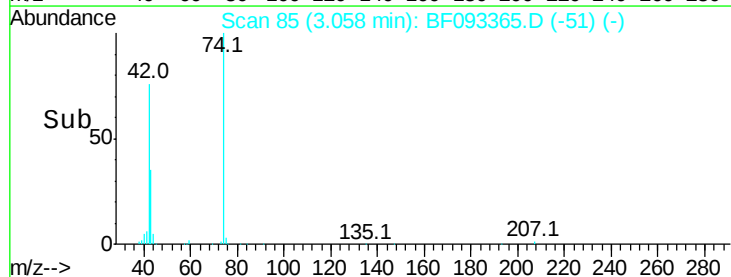
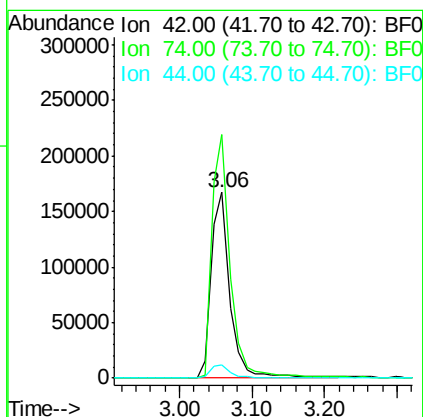
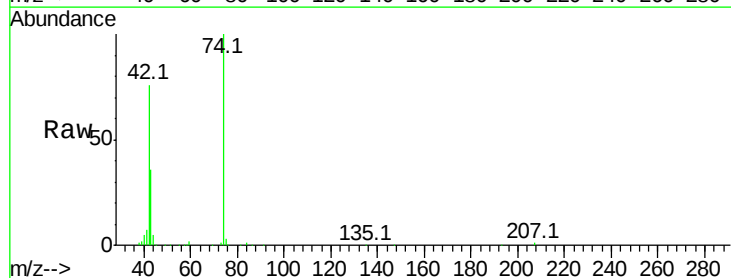
RT: 3.06 min Scan# 85

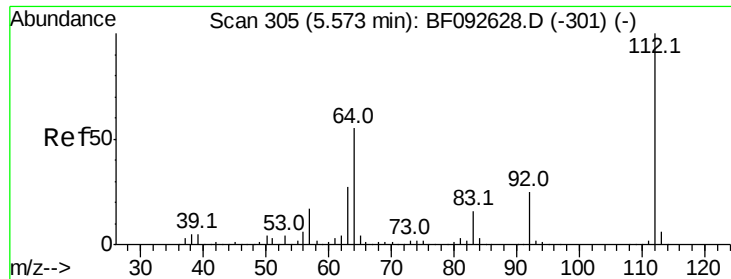
Delta R.T. 0.09 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

Tgt Ion:	42	Resp:	301336
Ion Ratio	Lower	Upper	
42	100		
74	131.2	117.0	175.4
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 117.62 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB97311BS

Tot Ion:112 Resp: 1310741

Ion Ratio Lower Upper

112 100

64 66.4 46.1 69.1

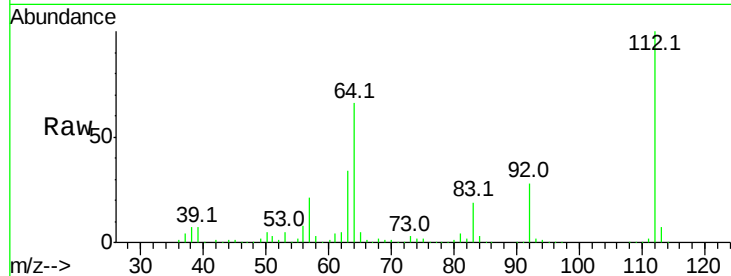
63 33.7 23.8 35.6

Manual Integrations

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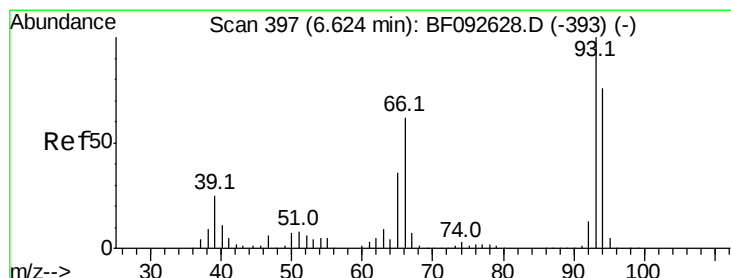
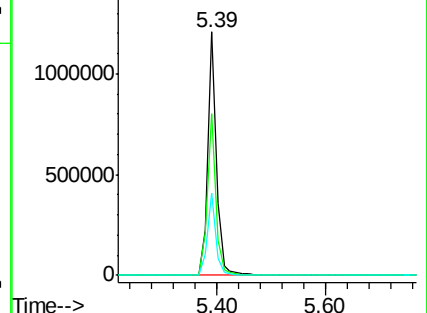
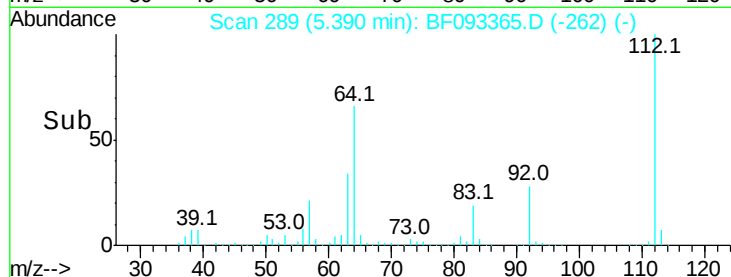
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Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.89 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

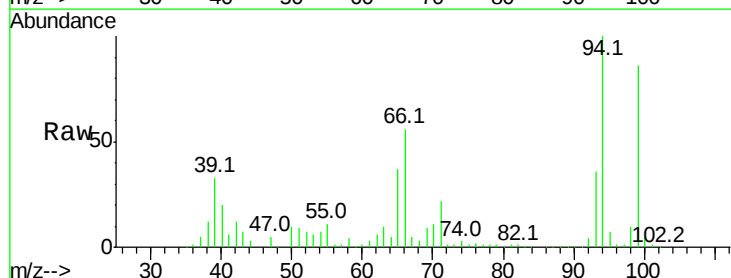
Tgt Ion: 93 Resp: 291265

Ion Ratio Lower Upper

93 100

66 156.7 76.2 114.2#

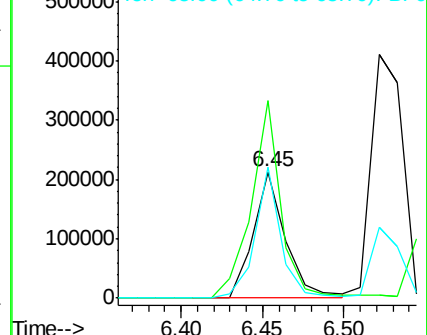
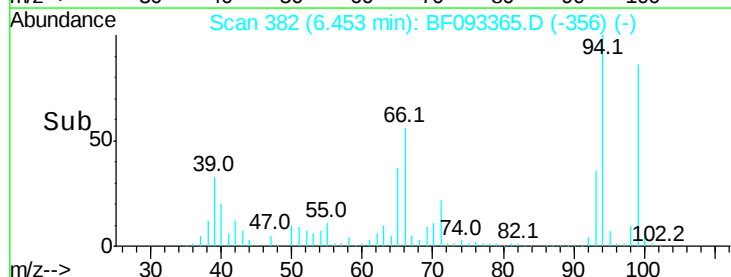
65 103.6 49.3 73.9#

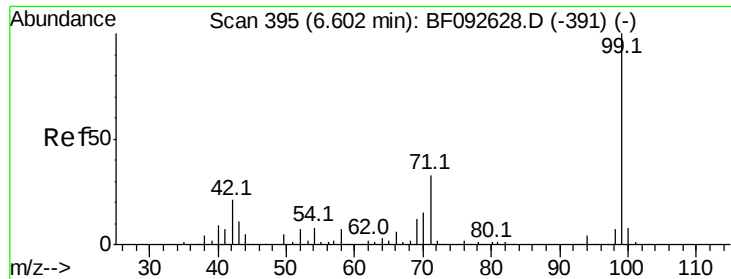


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.75 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB97311BS

Tot Ion: 99 Resp: 1731430

Ion Ratio Lower Upper

99 100

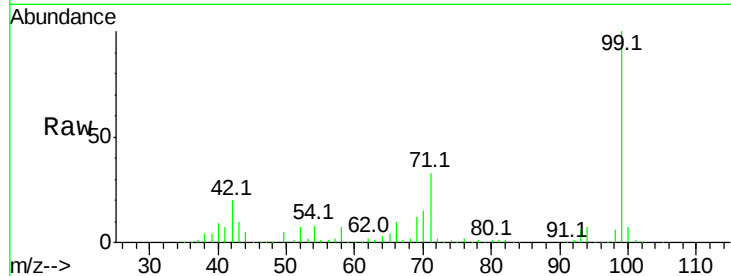
42 20.4 15.6 23.4

71 32.9 27.5 41.3

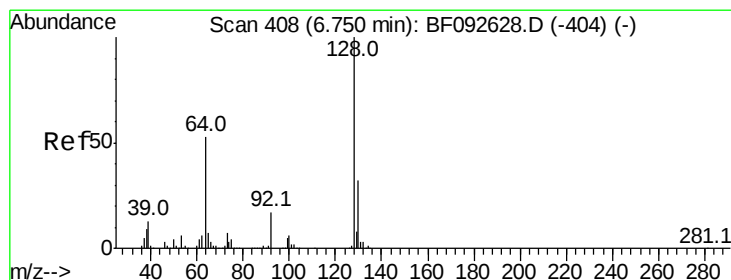
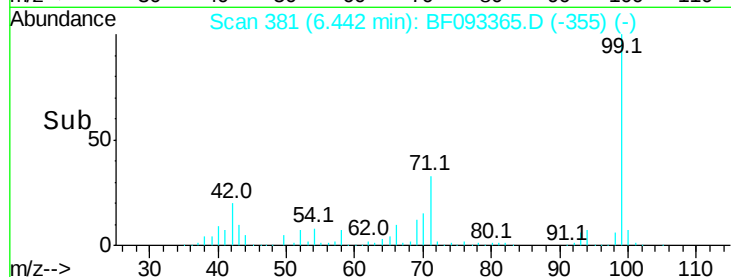
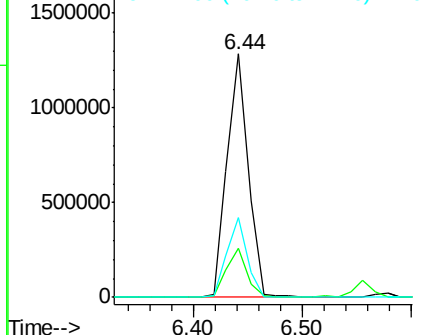
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.05 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

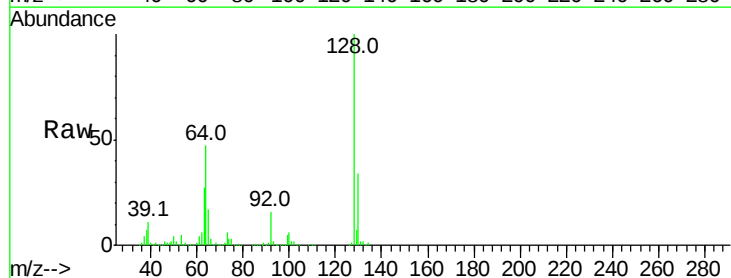
Tgt Ion:128 Resp: 529308

Ion Ratio Lower Upper

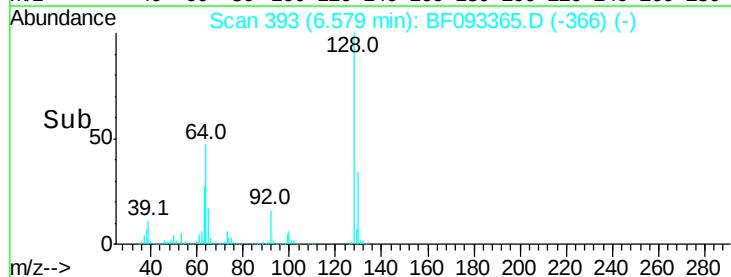
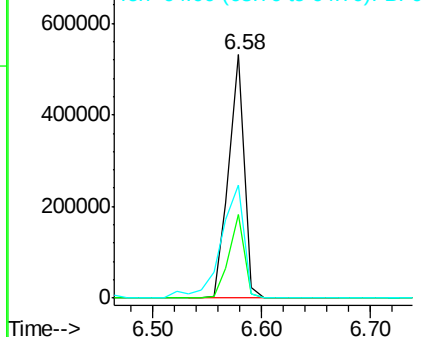
128 100

130 34.3 12.3 52.3

64 46.6 32.2 72.2



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





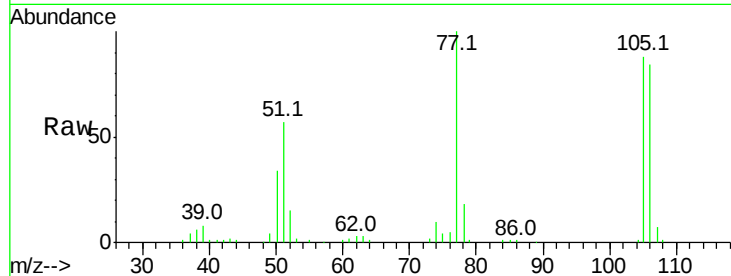
#9
Benzaldehyde
Concen: 13.15 ng
RT: 6.33 min Scan# 371
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

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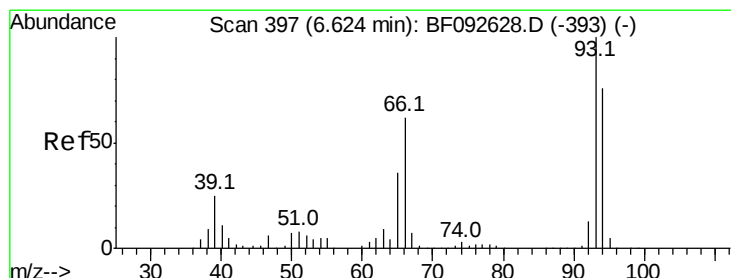
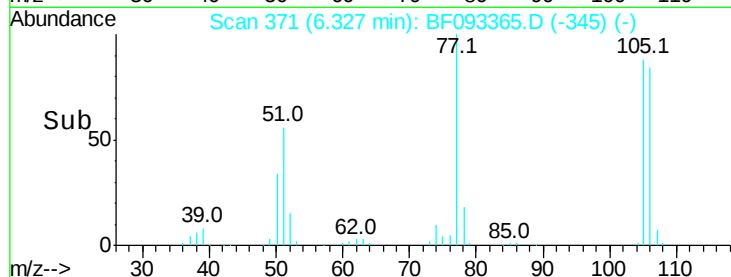
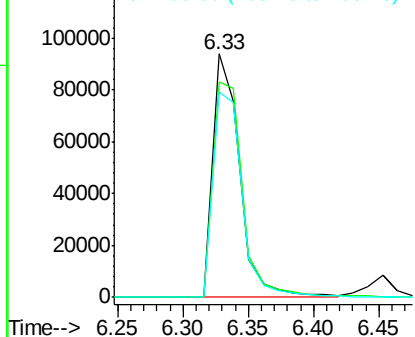
Tot Ion: 77 Resp: 135069
Ion Ratio Lower Upper
77 100
105 88.4 83.9 123.9
106 84.4 77.6 117.6

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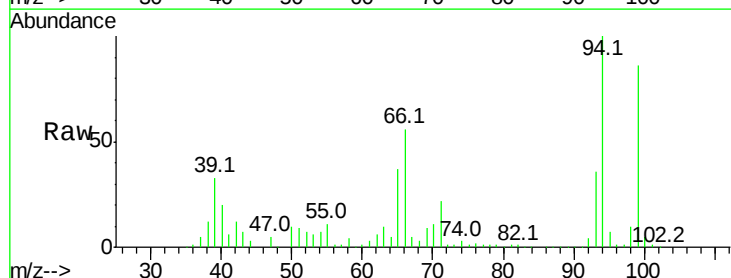


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

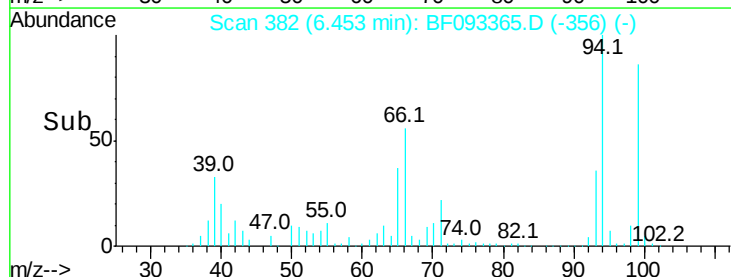
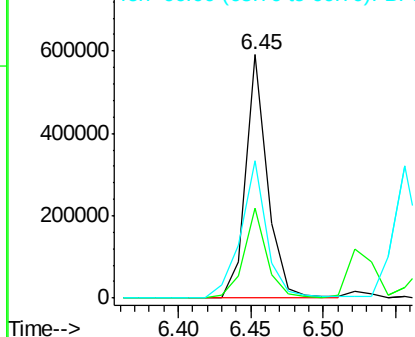


#10
Phenol
Concen: 36.81 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Tgt Ion: 94 Resp: 617597
Ion Ratio Lower Upper
94 100
65 37.2 21.4 61.4
66 56.2 44.0 84.0



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: 41.06 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

Instrument :

BNA_F

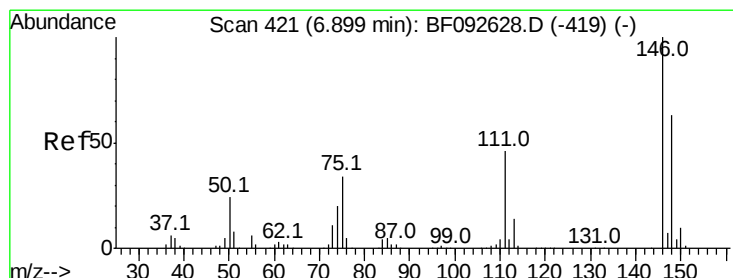
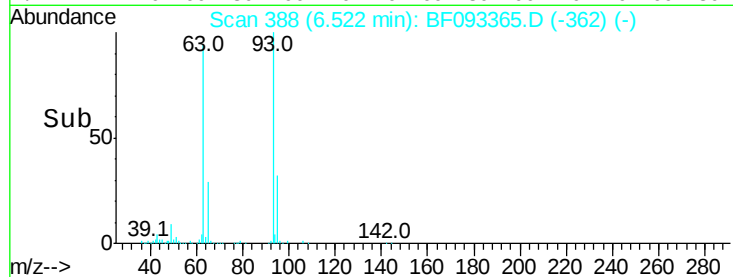
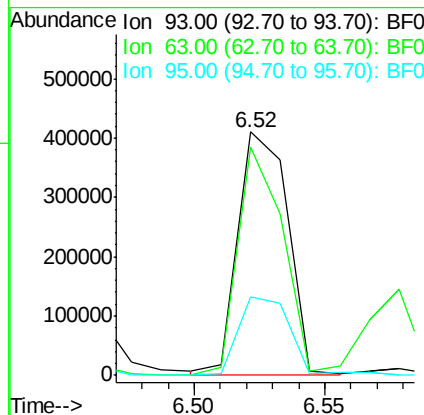
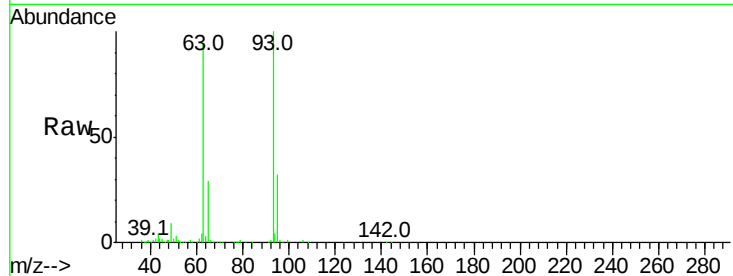
ClientSampleId :

PB97311BS

Tot Ion:	93	Resp:	549801
Ion Ratio	Lower	Upper	
93	100		
63	93.8	60.4	100.4
95	32.2	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 40.74 ng

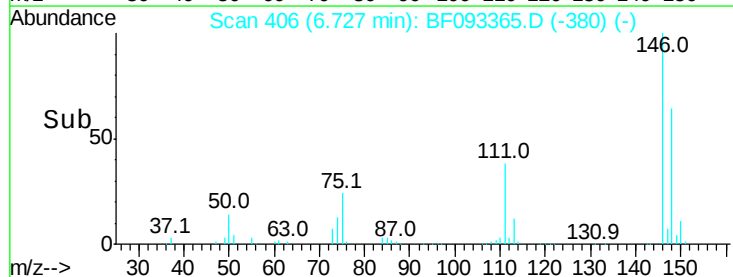
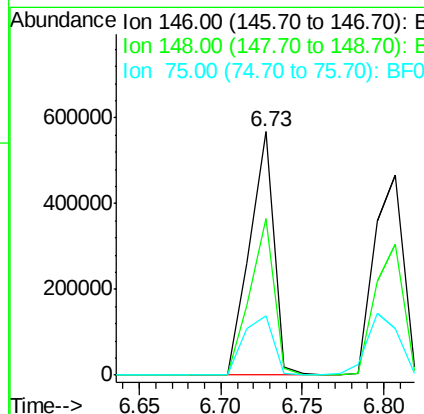
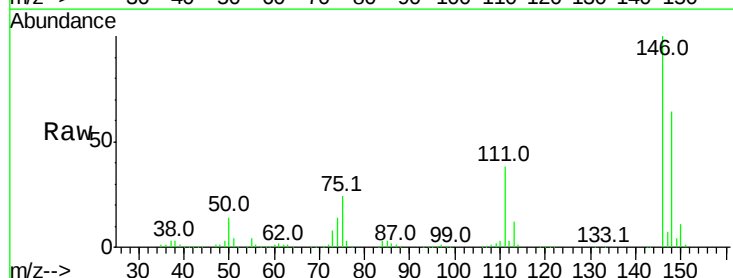
RT: 6.73 min Scan# 406

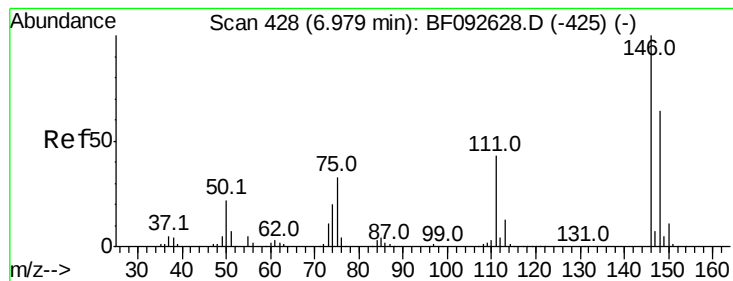
Delta R.T. -0.00 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

Tgt Ion:	146	Resp:	586710
Ion Ratio	Lower	Upper	
146	100		
148	64.1	53.4	80.0
75	24.2	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 40.22 ng/ml

RT: 6.81 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

Instrument :

BNA_F

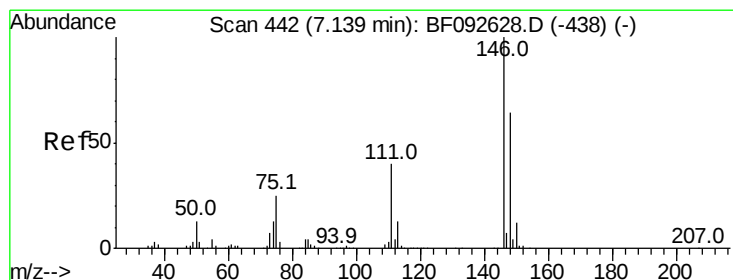
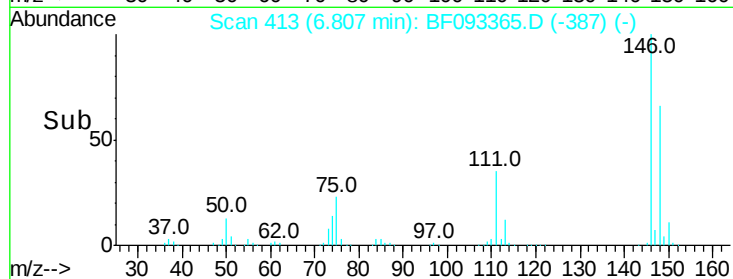
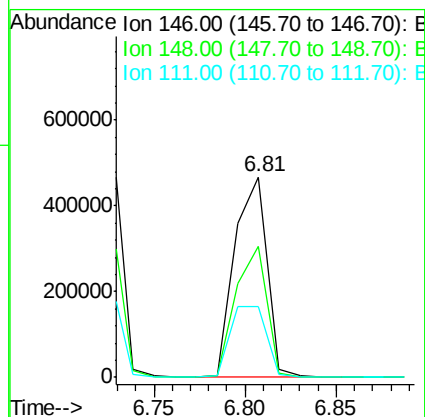
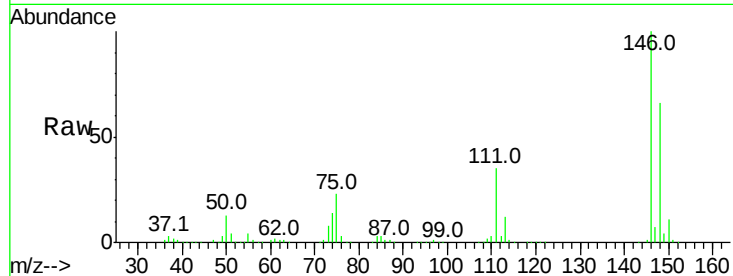
ClientSampleId :

PB97311BS

Tot Ion:	146	Resp:	586121
Ion Ratio	Lower	Upper	
146	100		
148	65.6	50.6	76.0
111	35.3	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 38.27 ng/ml

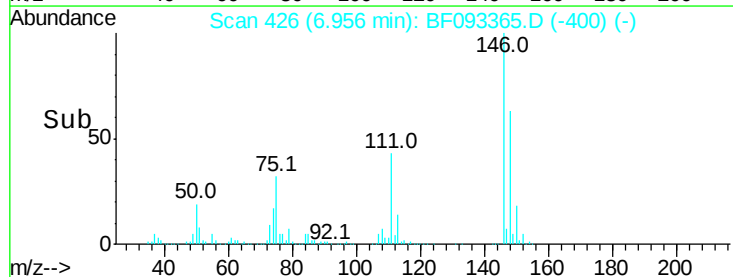
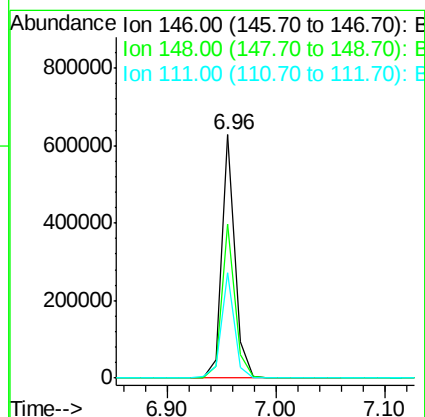
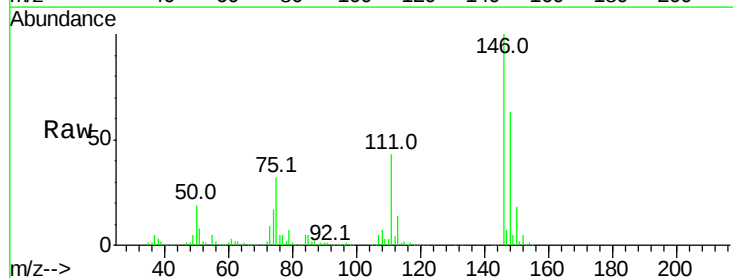
RT: 6.96 min Scan# 426

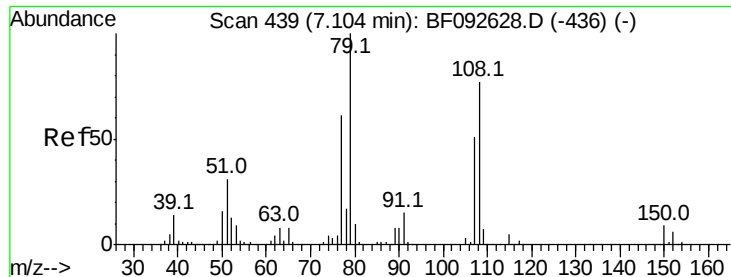
Delta R.T. -0.00 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

Tgt Ion:	146	Resp:	533296
Ion Ratio	Lower	Upper	
146	100		
148	63.3	52.2	78.2
111	43.3	36.2	54.2





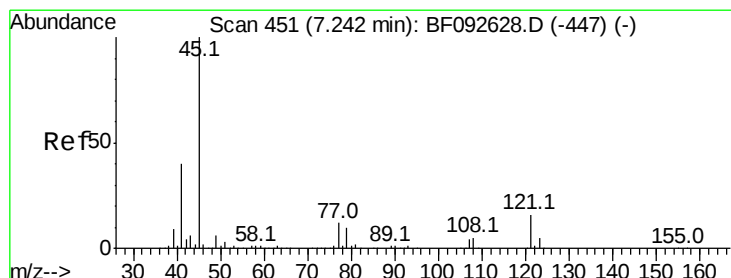
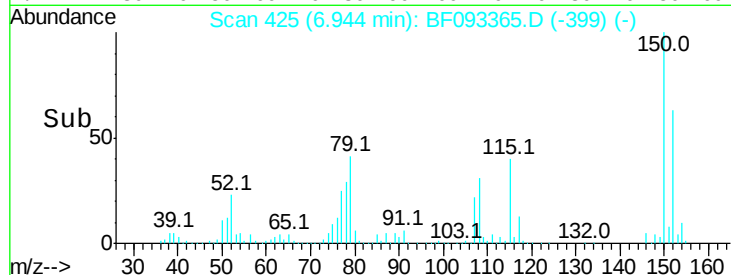
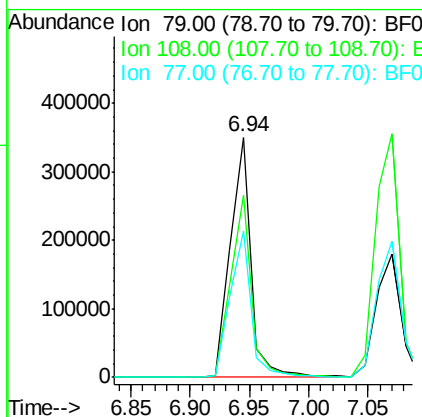
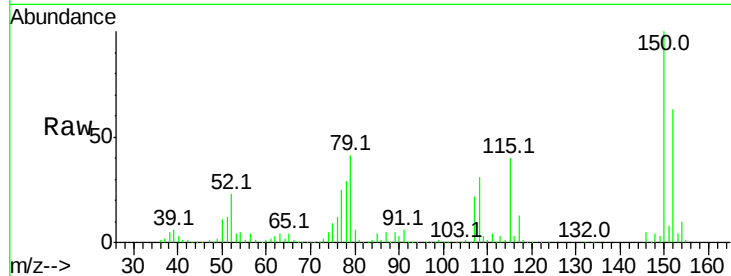
#15
Benzyl Alcohol
Concen: 40.01 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Instrument :
BNA_F
ClientSampleId :
PB97311BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.0	61.4	92.0
77	61.1	50.9	76.3

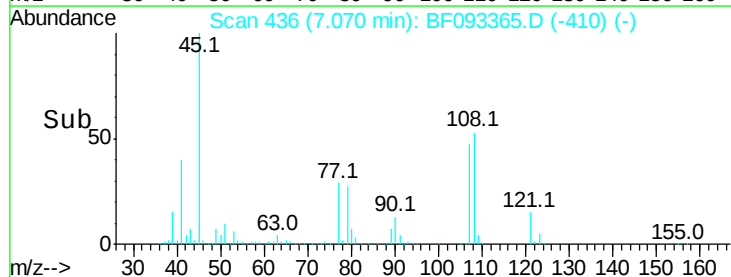
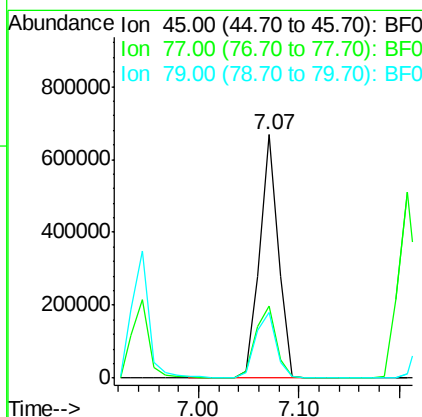
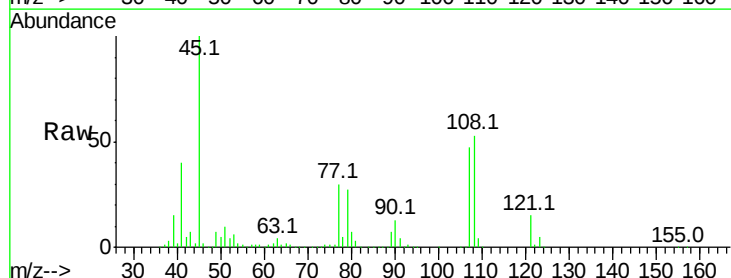
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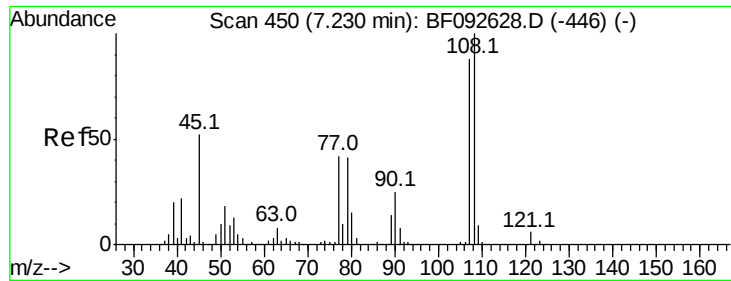
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.95 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	29.7	0.0	34.6
79	27.0	0.0	31.2





#17

2-Methylphenol

Concen: 41.54 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.01 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

Instrument :

BNA_F

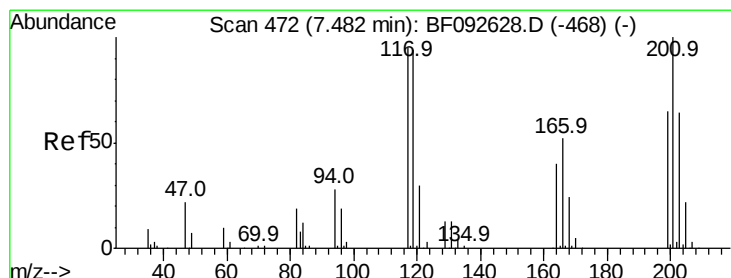
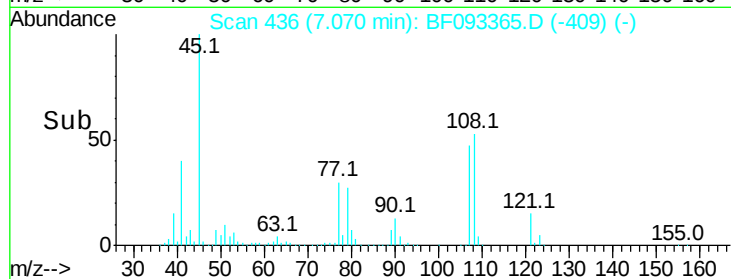
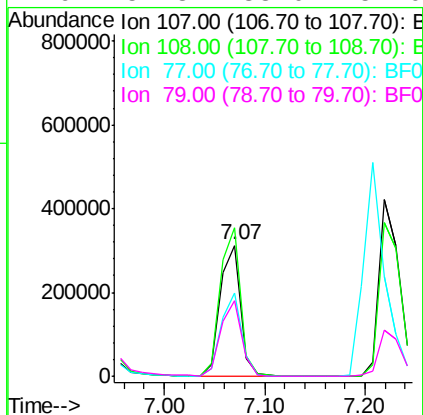
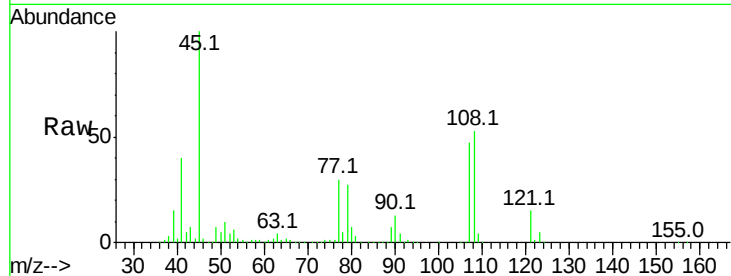
ClientSampleId :

PB97311BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	93.0	139.6	
77	63.5	39.8	59.8	
79	57.8	38.0	57.0	

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#18

Hexachloroethane

Concen: 41.66 ng

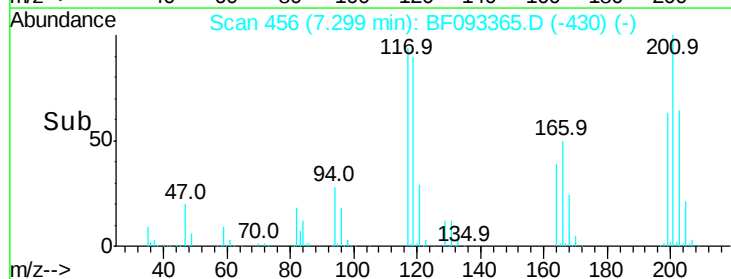
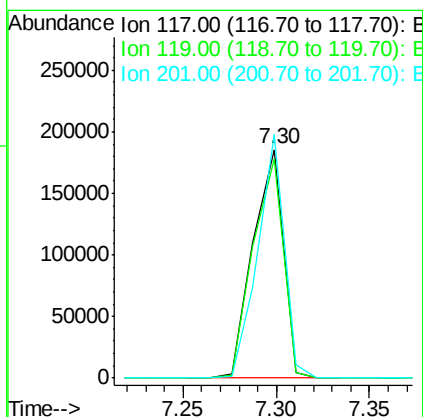
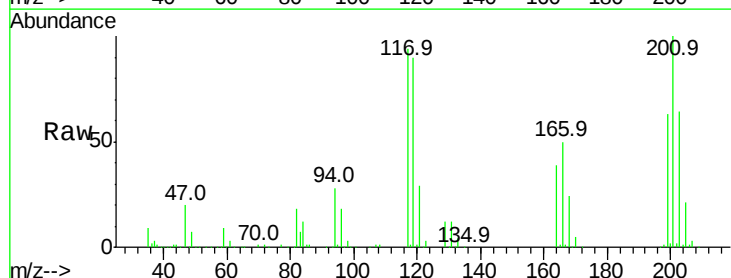
RT: 7.30 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	78.1	117.1	
201	106.7	78.6	117.8	





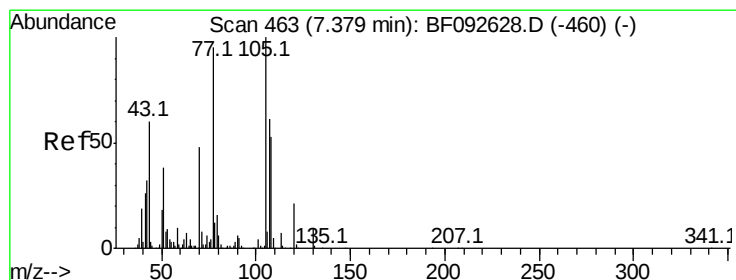
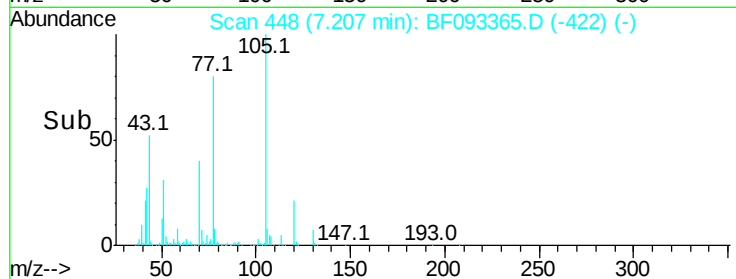
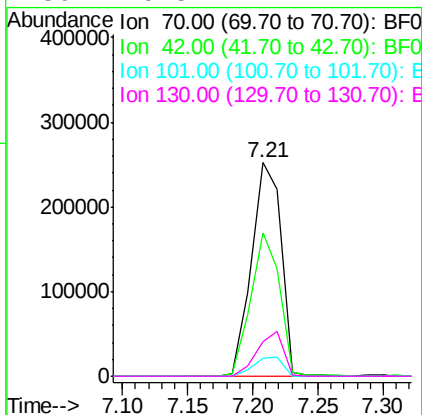
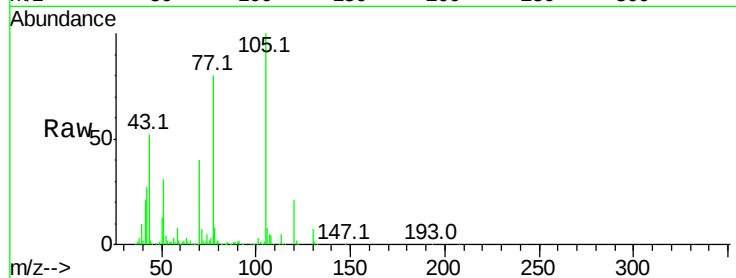
#19
n-Nitroso-di-n-propylamine
Concen: 43.69 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Instrument :
BNA_F
ClientSampleId :
PB97311BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.4	49.4	74.0
101	8.6	7.4	11.2
130	16.5	14.2	21.4

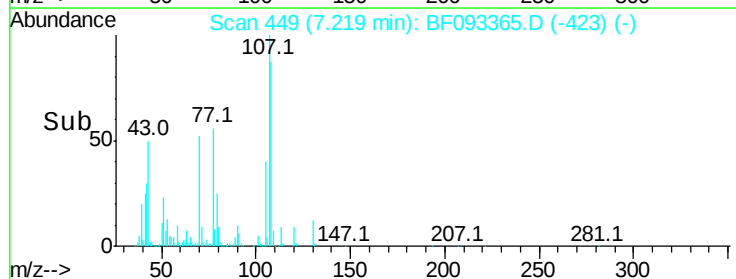
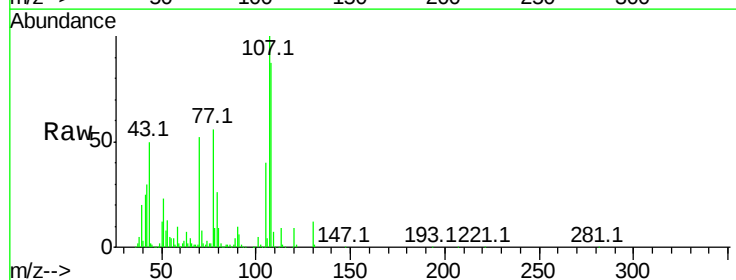
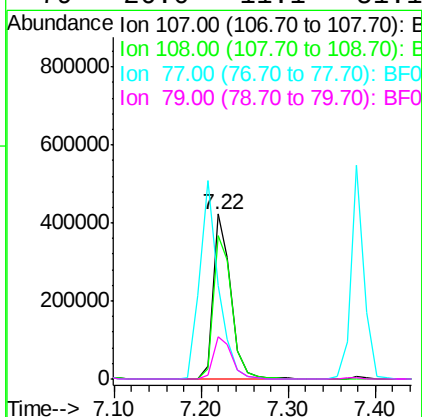
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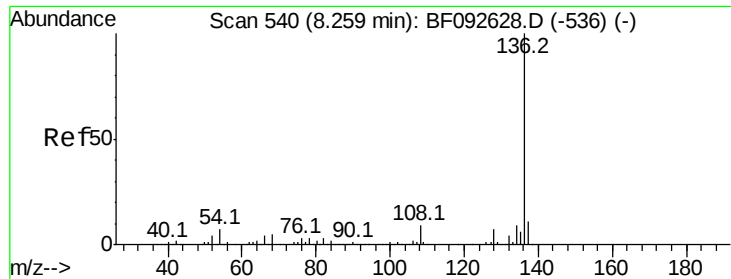
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#20
3+4-Methylphenols
Concen: 47.59 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.9	73.0	113.0
77	56.4	71.3	111.3#
79	26.0	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

Instrument :

BNA_F

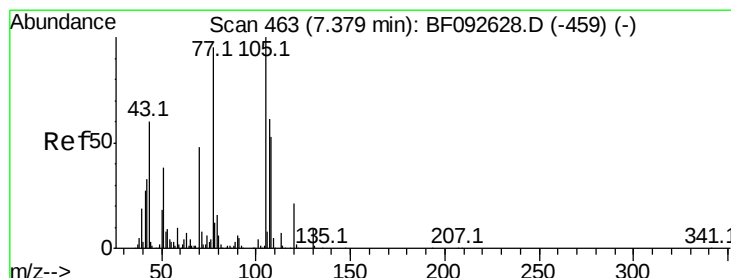
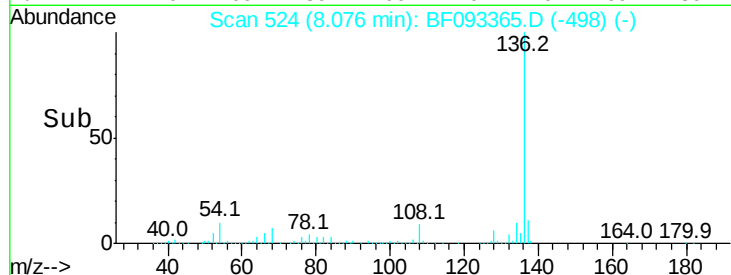
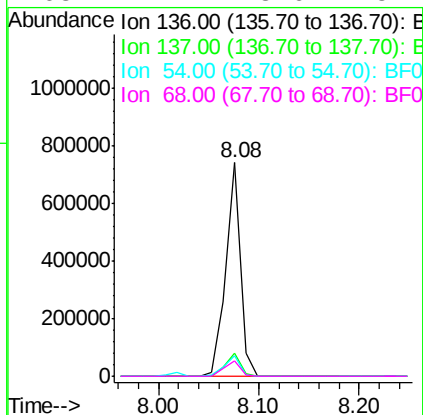
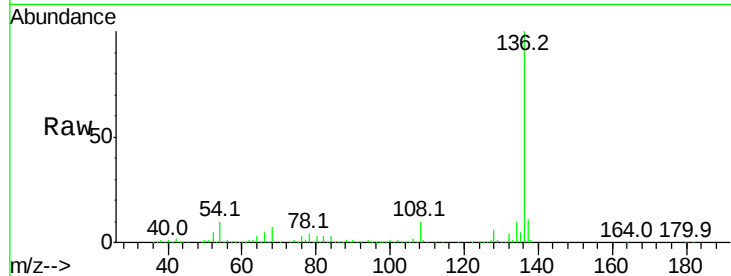
ClientSampleId :

PB97311BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	753536		
137	11.0	8.4	12.6	
54	9.9	4.5	6.7#	
68	7.1	3.6	5.4#	

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#22

Acetophenone

Concen: 43.23 ng

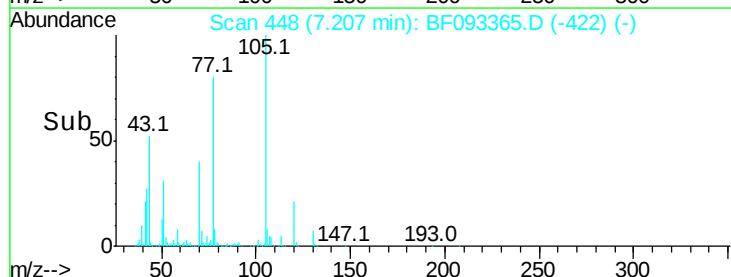
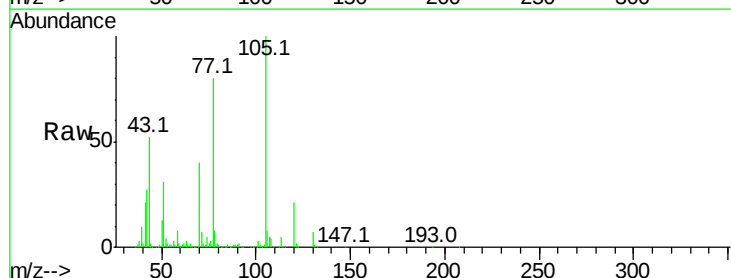
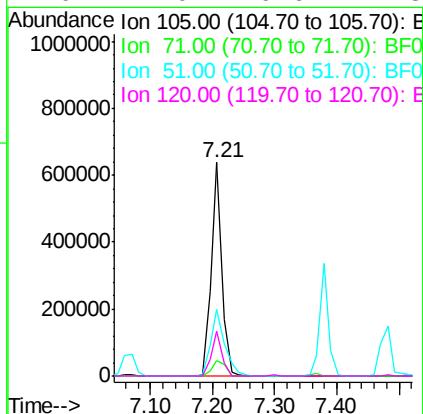
RT: 7.21 min Scan# 448

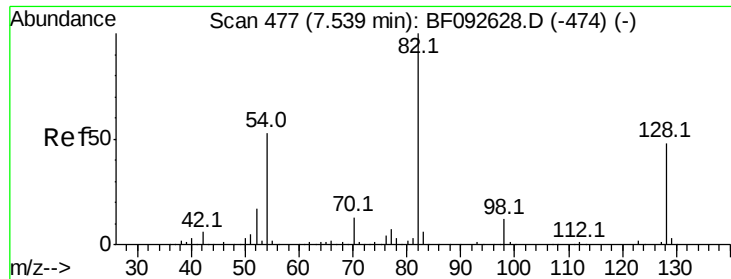
Delta R.T. -0.00 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	743725		
71	7.1	3.2	4.8#	
51	31.2	26.2	39.4	
120	21.0	16.6	24.8	





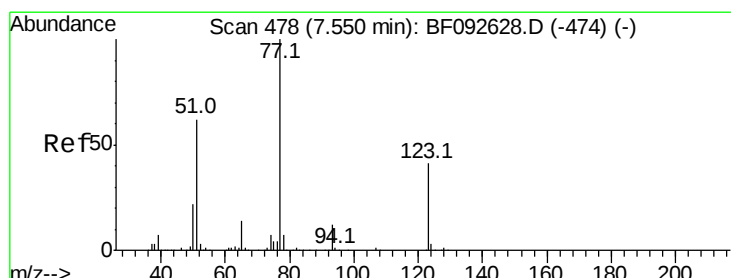
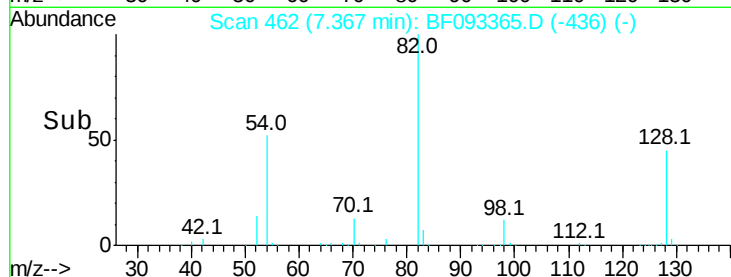
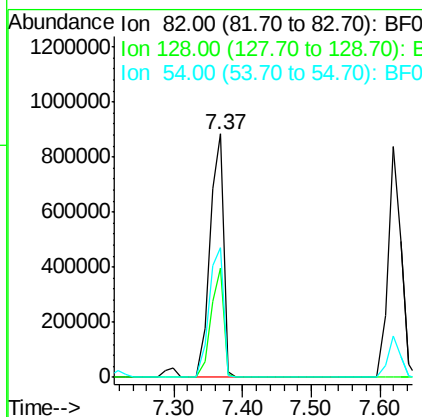
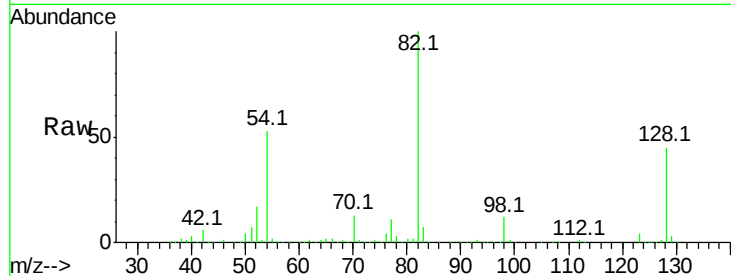
#23
 Nitrobenzene-d5
 Concen: 90.12 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF093365.D
 Acq: 3 Mar 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB97311BS

Tot Ion: 82 Resp: 1219441
 Ion Ratio Lower Upper
 82 100
 128 45.1 34.6 52.0
 54 53.4 39.5 59.3

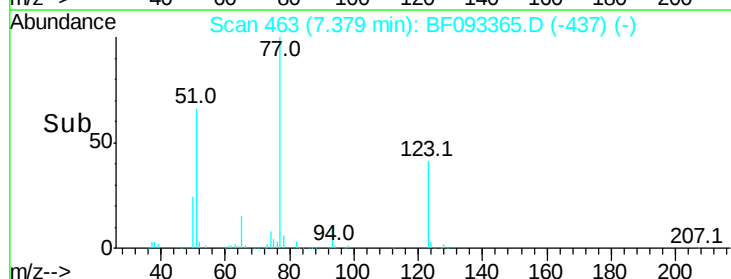
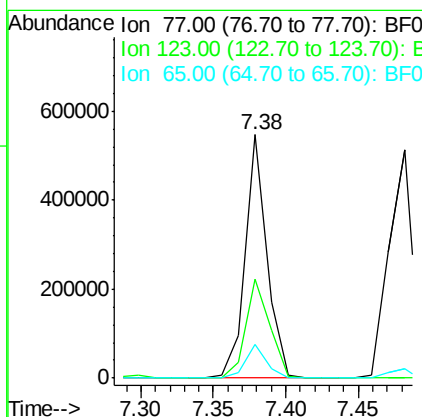
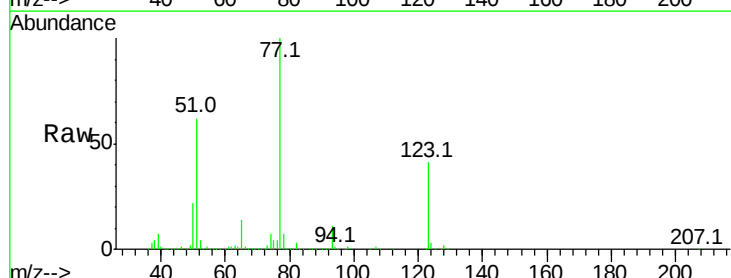
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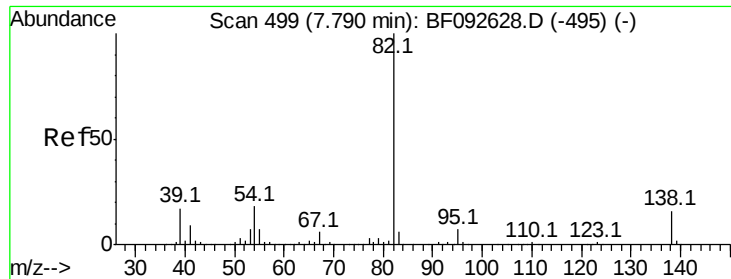
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#24
 Nitrobenzene
 Concen: 40.58 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF093365.D
 Acq: 3 Mar 2017 18:16

Tgt Ion: 77 Resp: 563902
 Ion Ratio Lower Upper
 77 100
 123 40.8 33.0 49.4
 65 14.0 11.2 16.8





#25

Isophorone

Concen: 43.88 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB97311BS

Tot Ion: 82 Resp: 1106372

Ion Ratio Lower Upper

82 100

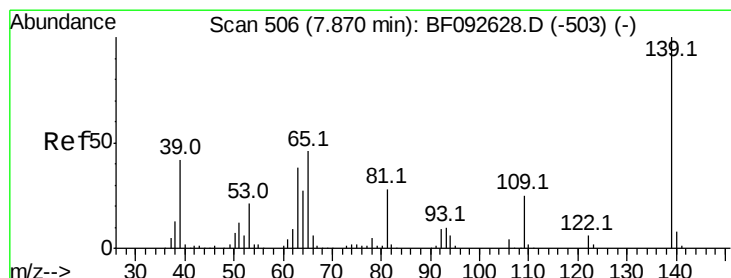
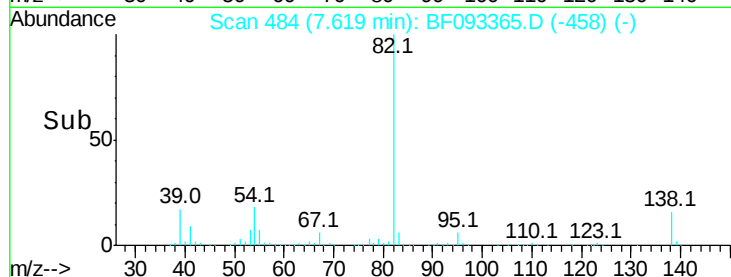
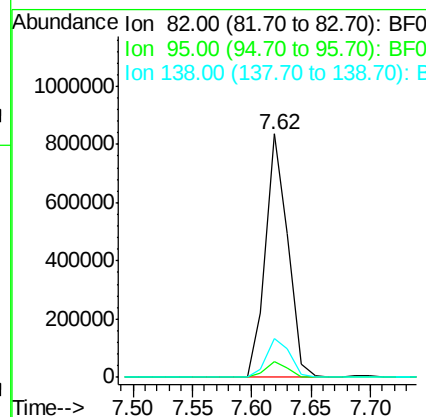
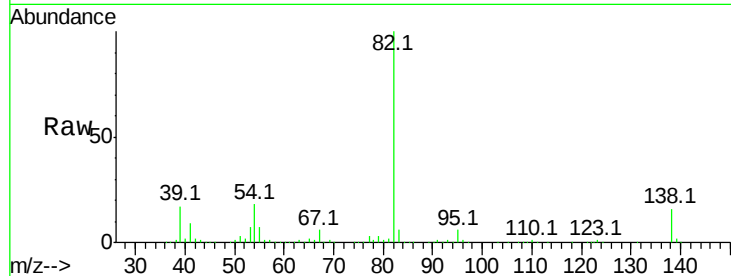
95 6.3 5.6 8.4

138 15.8 14.6 22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.97 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

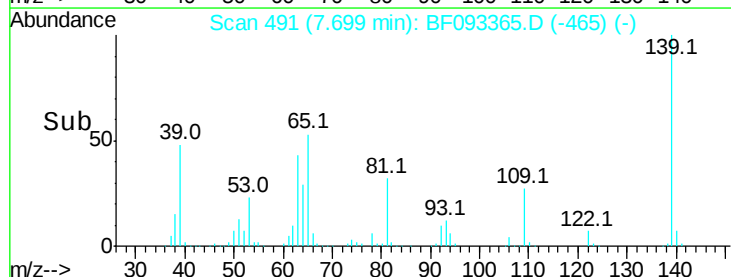
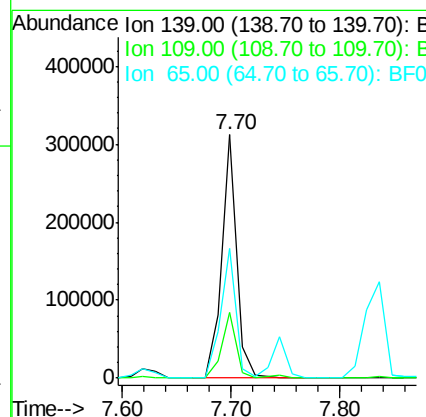
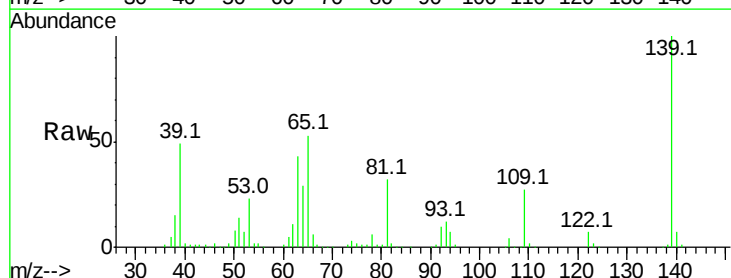
Tgt Ion: 139 Resp: 303602

Ion Ratio Lower Upper

139 100

109 26.7 23.3 34.9

65 53.3 42.7 64.1





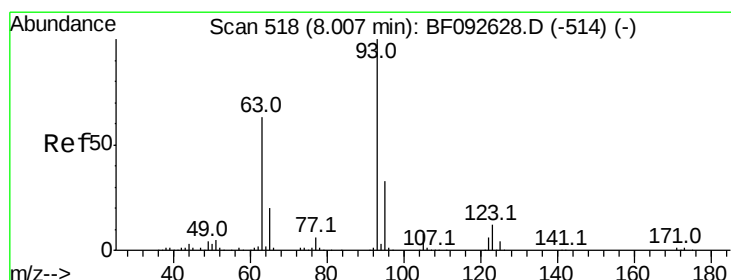
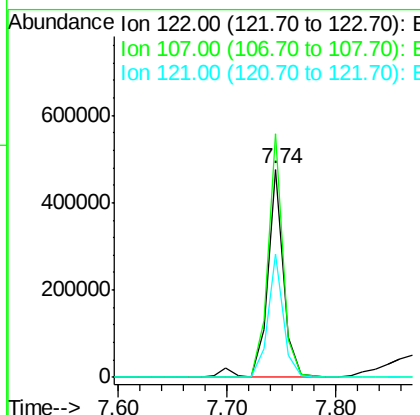
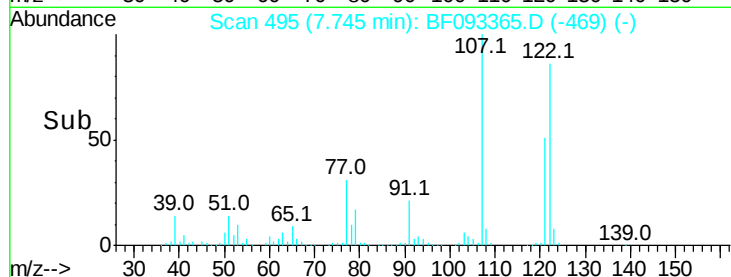
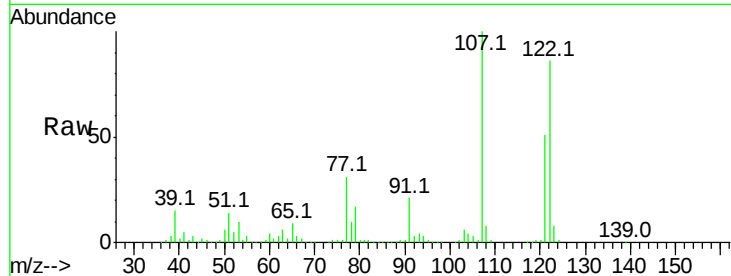
#27
2,4-Dimethylphenol
Concen: 42.69 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Instrument :
BNA_F
ClientSampleId :
PB97311BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	495213		
107	116.9	94.1	141.1	
121	59.2	46.0	69.0	

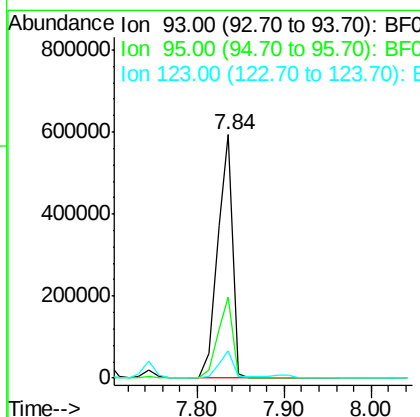
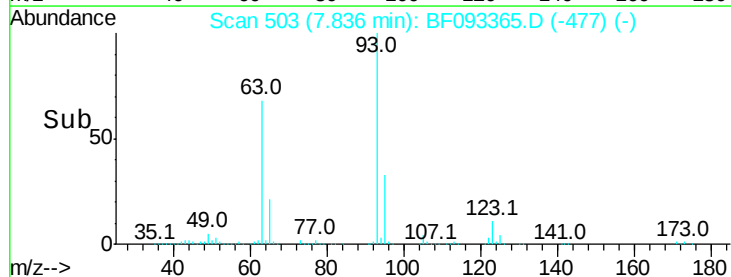
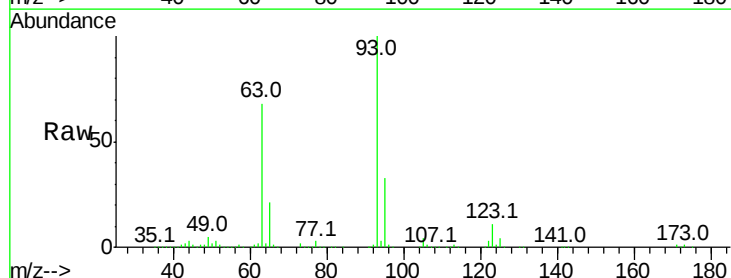
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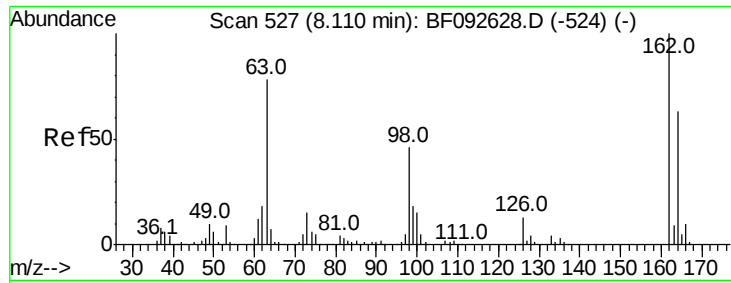
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 42.97 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	717611		
95	33.1	26.5	39.7	
123	11.3	8.6	13.0	





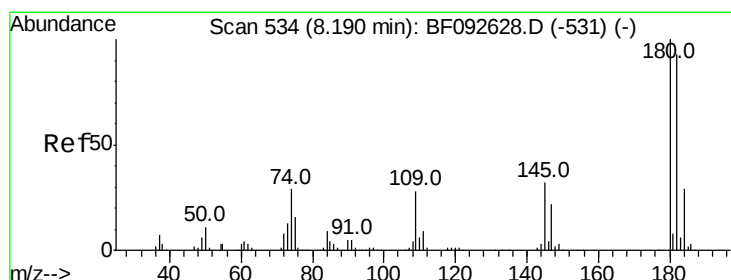
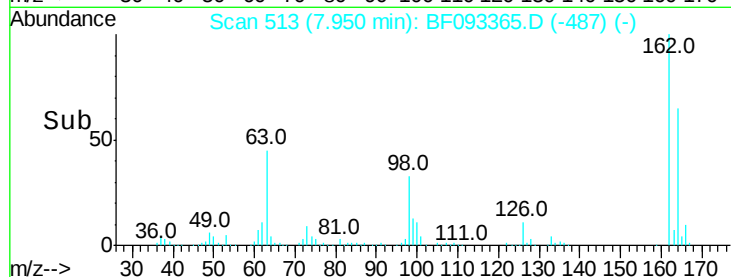
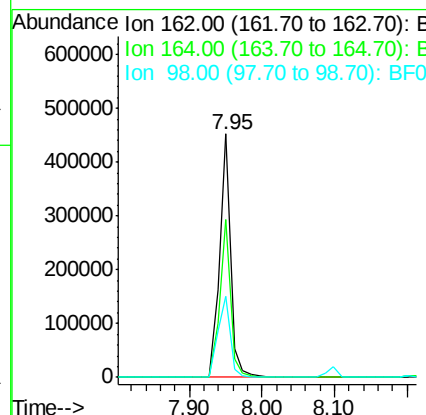
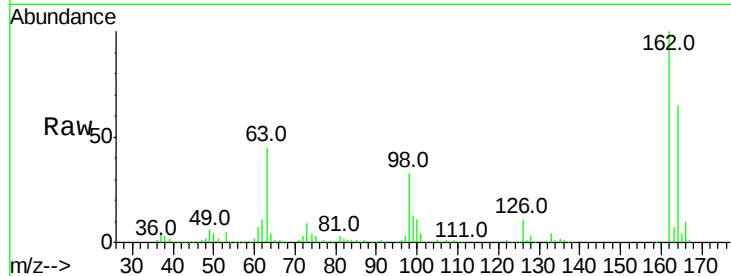
#29
 2,4-Dichlorophenol
 Concen: 43.92 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF093365.D
 Acq: 3 Mar 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB97311BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	475179		
164	64.7	46.8	86.8	
98	33.5	9.1	49.1	

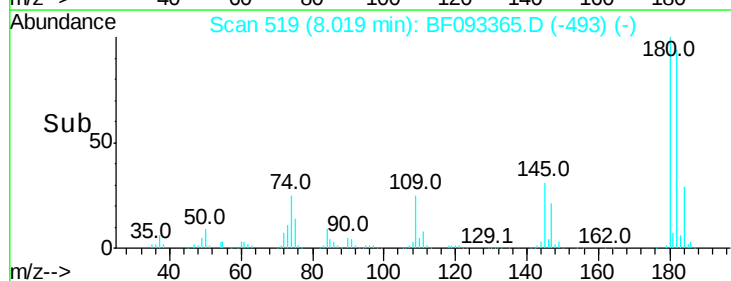
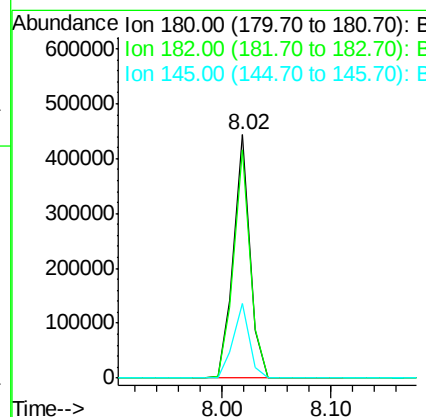
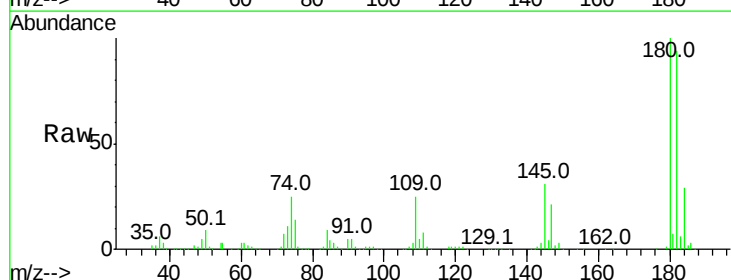
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.03 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.00 min
 Lab File: BF093365.D
 Acq: 3 Mar 2017 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	466656		
182	93.5	78.2	117.4	
145	30.7	21.6	32.4	





#31

Naphthalene

Concen: 40.24 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

Instrument :

BNA_F

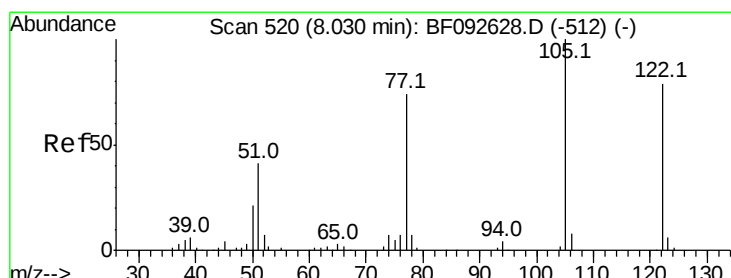
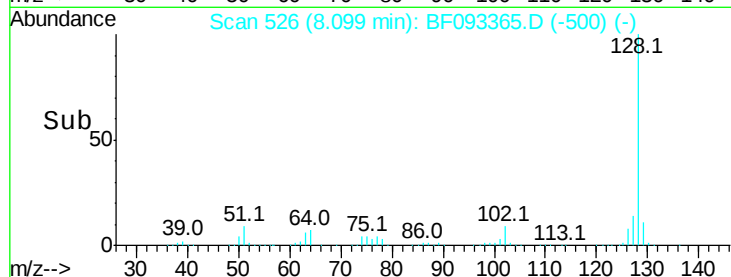
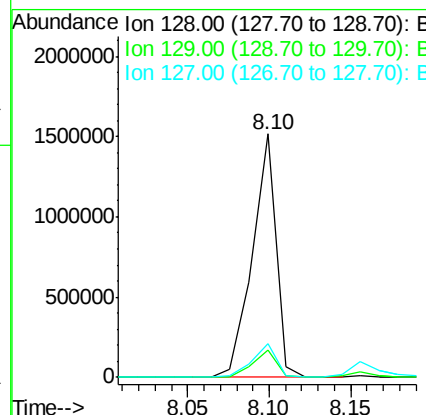
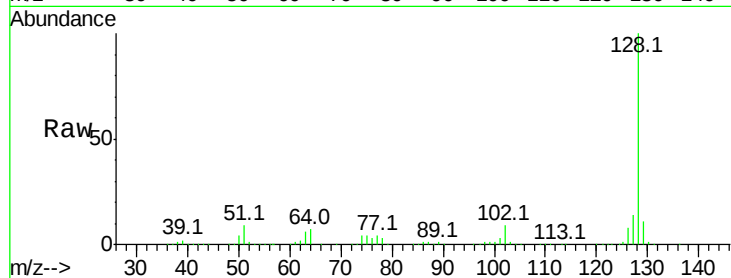
ClientSampleId :

PB97311BS

Tot Ion:	128	Resp:	1537131
Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.5	14.3
127	13.8	10.8	16.2

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#32

Benzoic acid

Concen: 42.32 ng

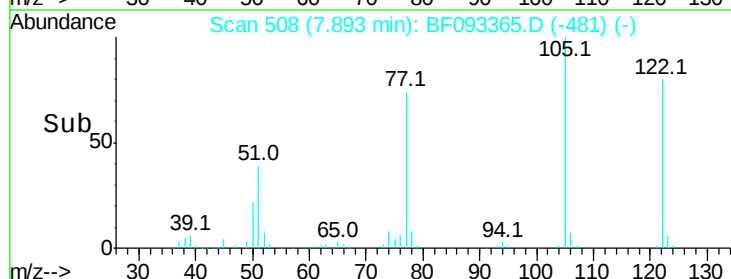
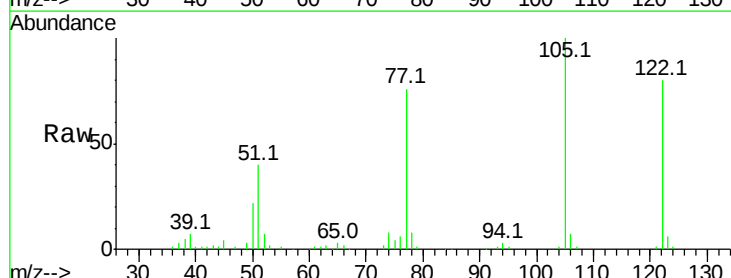
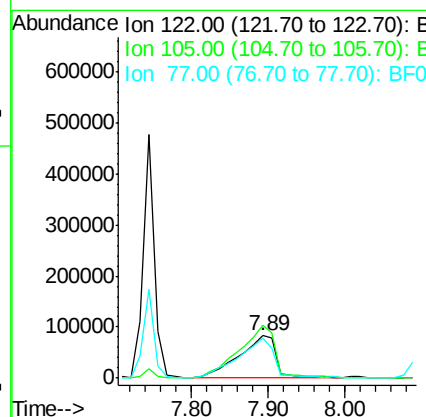
RT: 7.89 min Scan# 508

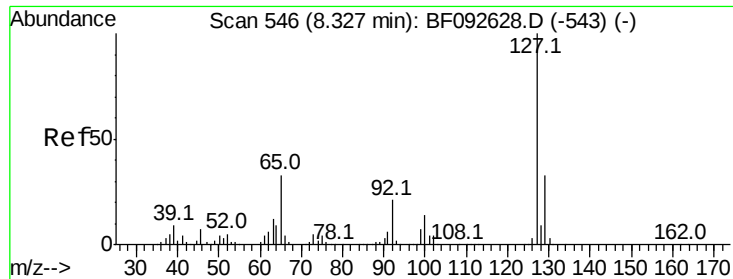
Delta R.T. 0.01 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

Tgt Ion:	122	Resp:	271570
Ion	Ratio	Lower	Upper
122	100		
105	125.0	107.2	147.2
77	95.2	74.5	114.5





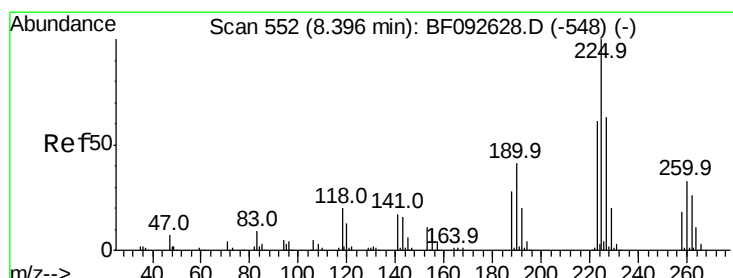
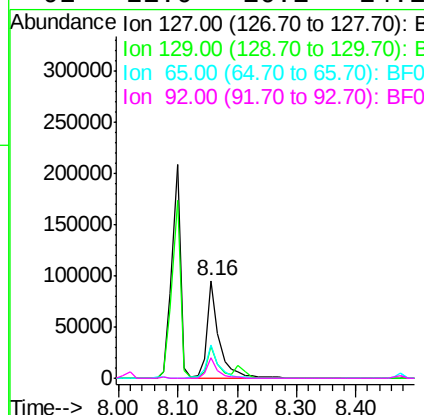
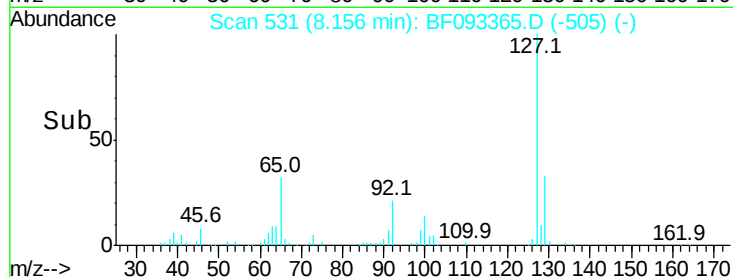
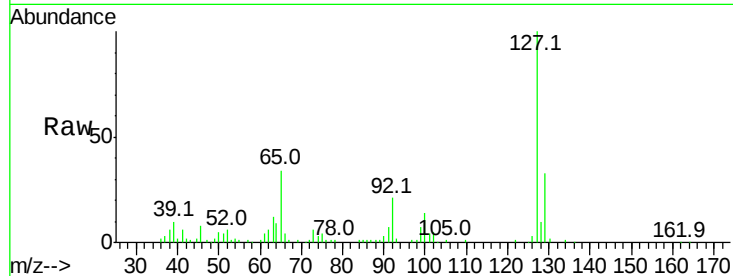
#33
4-Chloroaniline
Concen: 9.35 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Instrument :
BNA_F
ClientSampleId :
PB97311BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.3	39.5
65	34.2	25.8	38.8
92	21.0	16.1	24.1

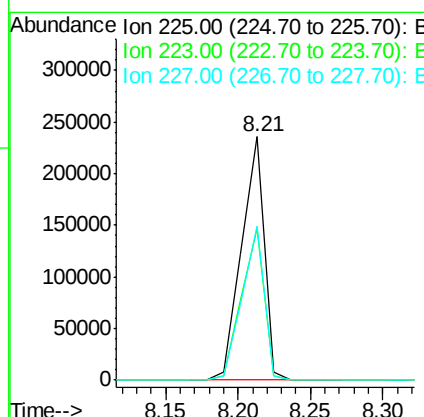
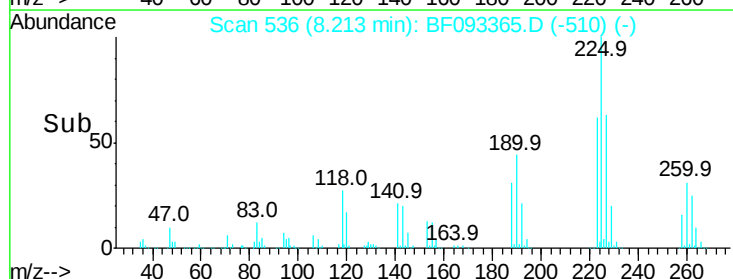
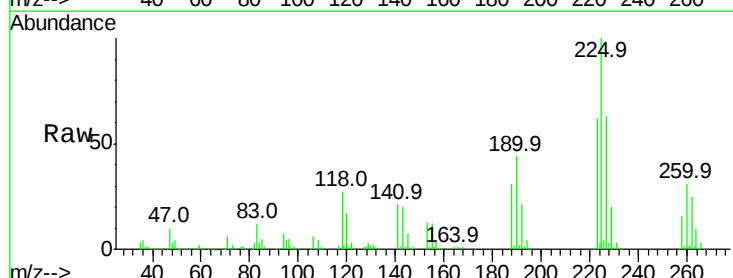
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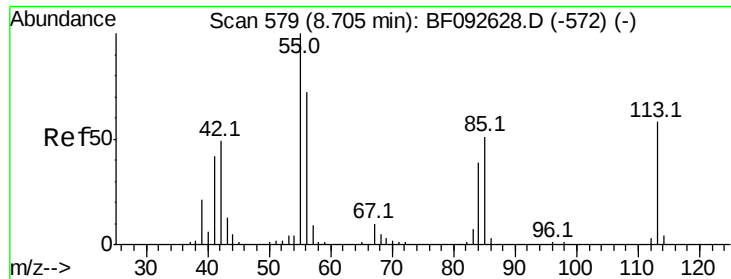
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#34
Hexachlorobutadiene
Concen: 39.92 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.0	76.6
227	63.3	50.6	76.0





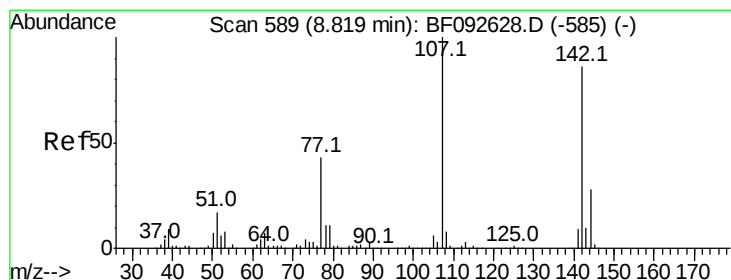
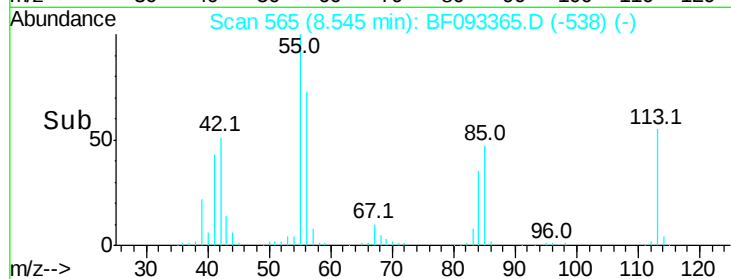
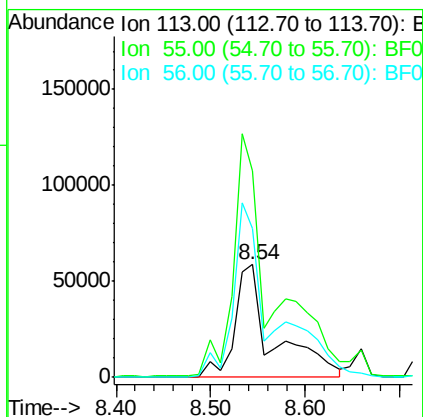
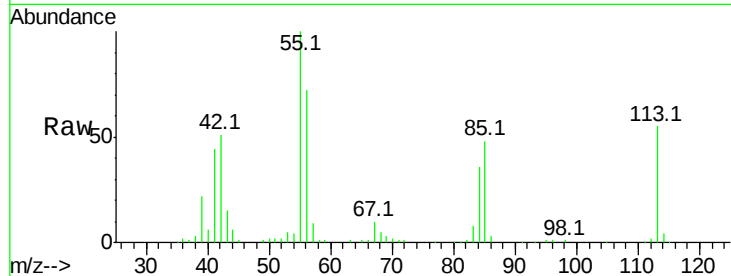
#35
 Caprolactam
 Concen: 48.81 ng/ml
 RT: 8.54 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF093365.D
 Acq: 3 Mar 2017 18:16

Instrument :
 BNA_F
 ClientSampleID :
 PB97311BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	183.4	119.2	159.2
56	132.1	83.8	123.8

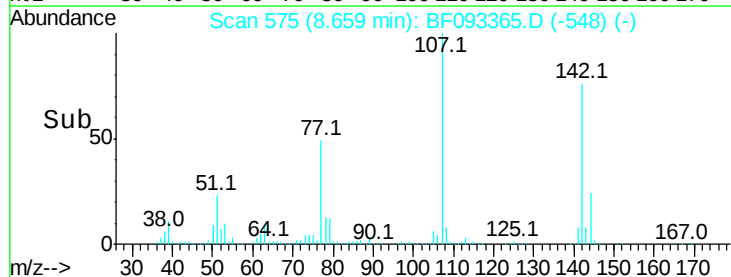
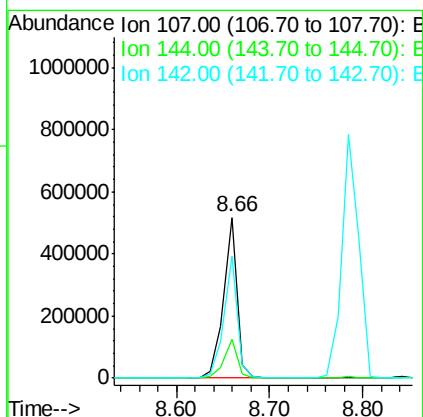
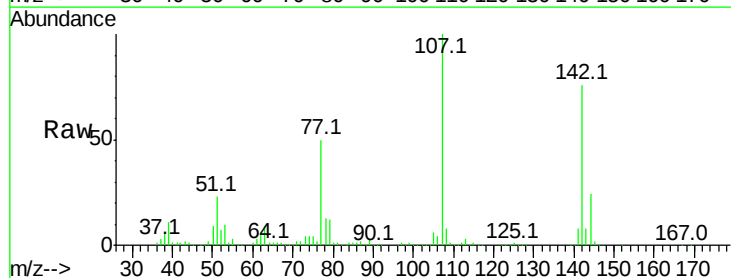
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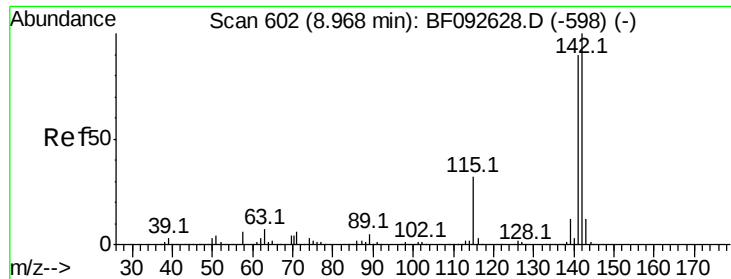
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#36
 4-Chloro-3-methylphenol
 Concen: 46.44 ng/ml
 RT: 8.66 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF093365.D
 Acq: 3 Mar 2017 18:16

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.9	19.3	28.9
142	75.8	59.0	88.6





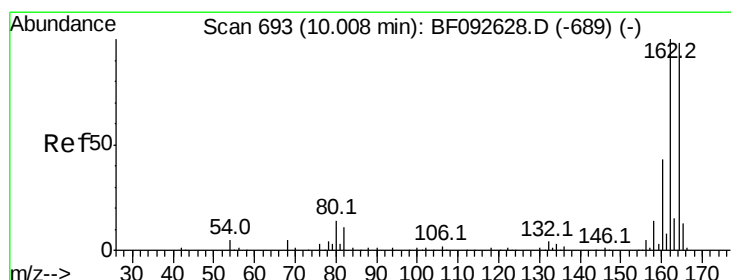
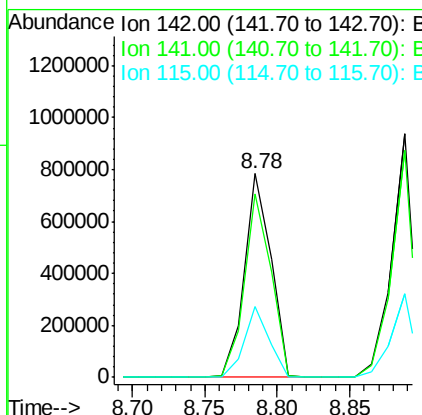
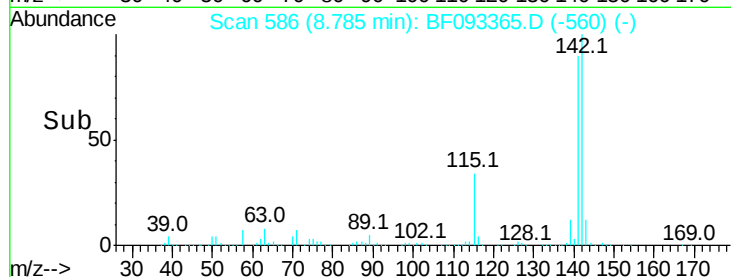
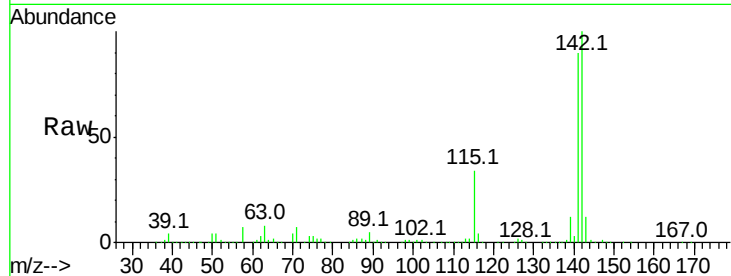
#37
2-Methylnaphthalene
Concen: 40.74 ng
RT: 8.78 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Instrument :
BNA_F
ClientSampleId :
PB97311BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	999103		
141	90.1	71.0	106.6	
115	34.5	28.3	42.5	

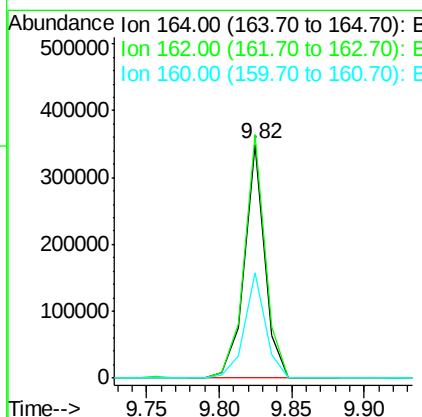
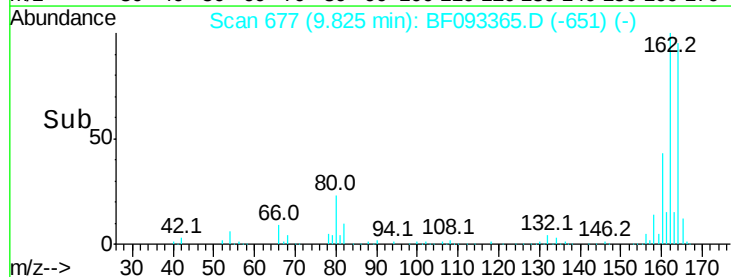
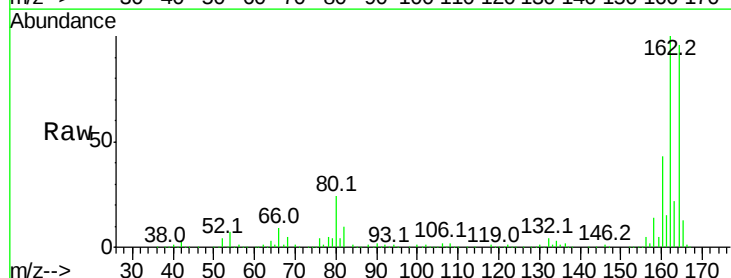
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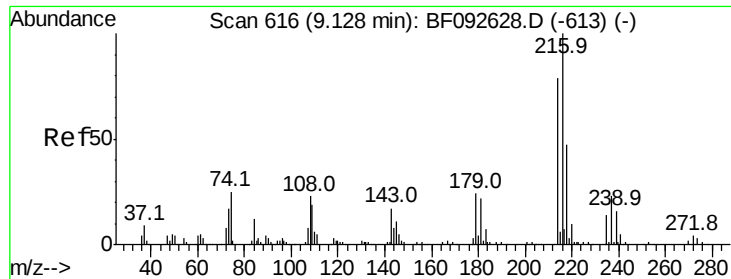
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	342401		
162	104.1	80.2	120.2	
160	44.9	36.9	55.3	





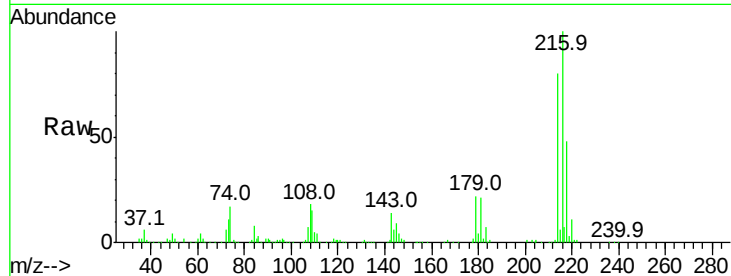
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.62 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF093365.D
 Acq: 3 Mar 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB97311BS

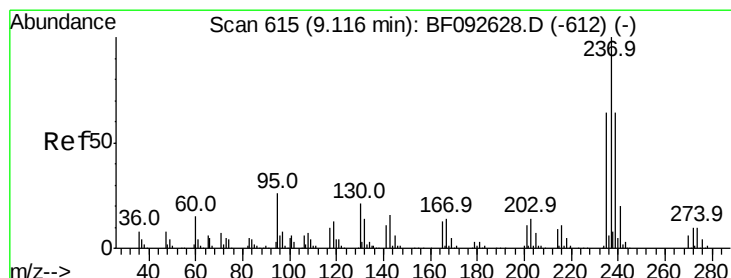
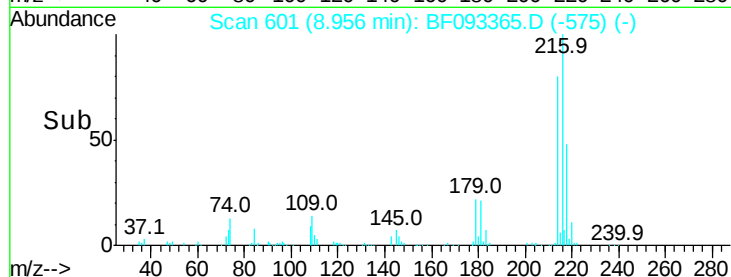
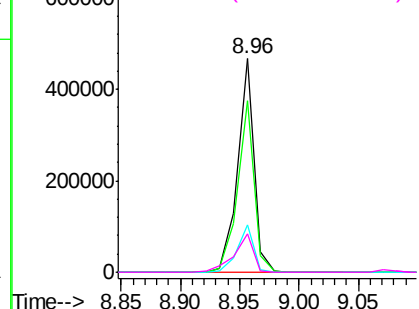
Tot Ion	Ratio	Resp	Lower	Upper
216	100	448116		
214	80.5	63.4	95.0	
179	22.4	17.4	26.2	
108	22.1	15.6	23.4	

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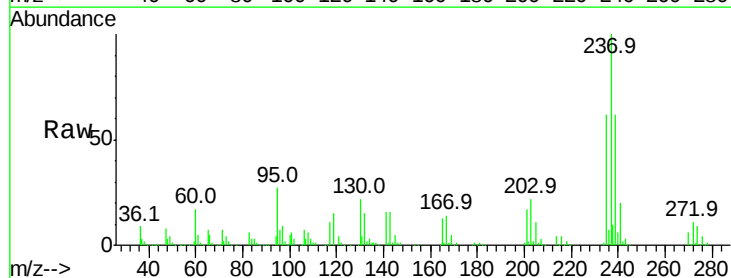


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

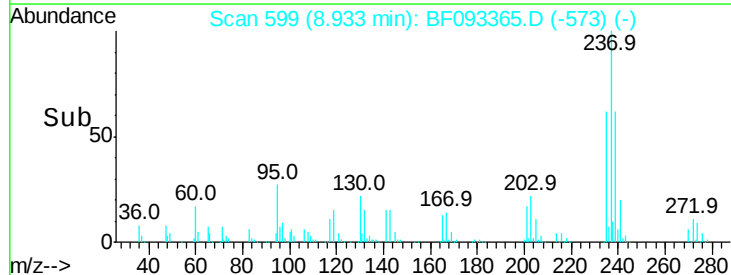
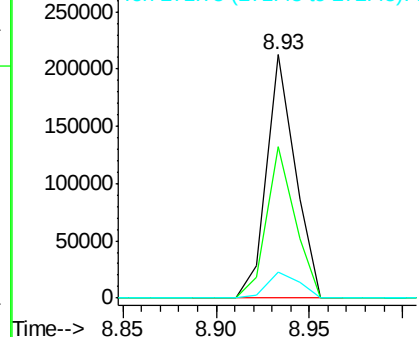


#40
 Hexachlorocyclopentadiene
 Concen: 51.92 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF093365.D
 Acq: 3 Mar 2017 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	225158		
235	62.1	41.2	81.2	
272	10.7	0.0	35.4	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





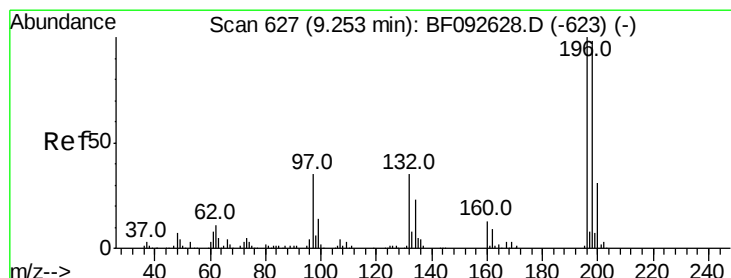
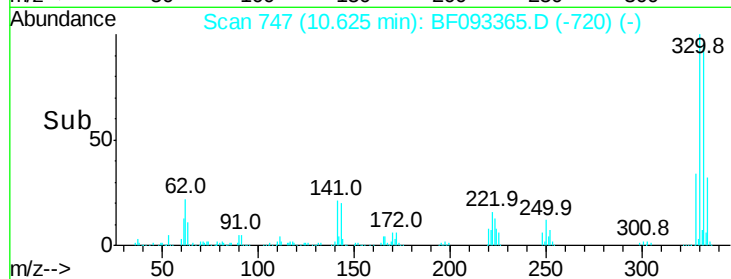
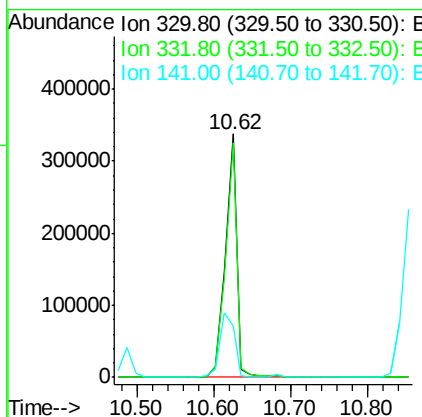
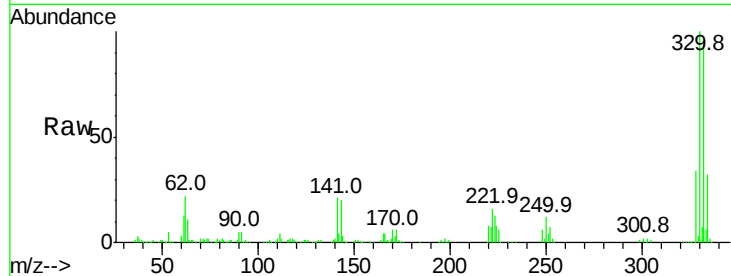
#41
 2,4,6-Tribromophenol
 Concen: 146.29 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.01 min
 Lab File: BF093365.D
 Acq: 3 Mar 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB97311BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	362283		
332	95.9	77.4	116.2	
141	34.0	34.1	51.1#	

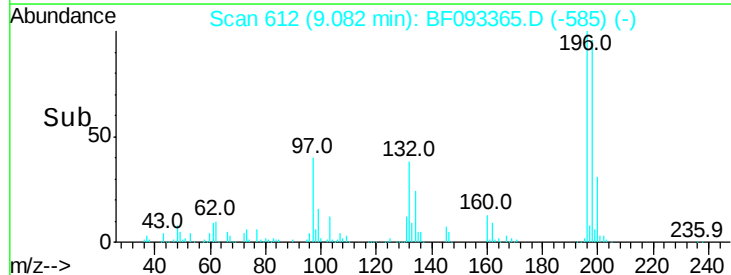
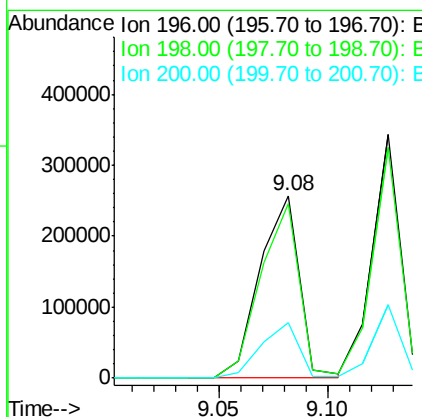
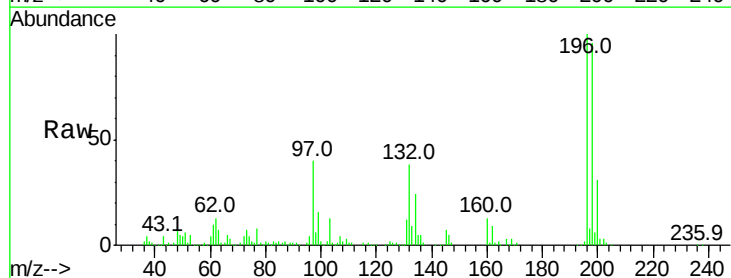
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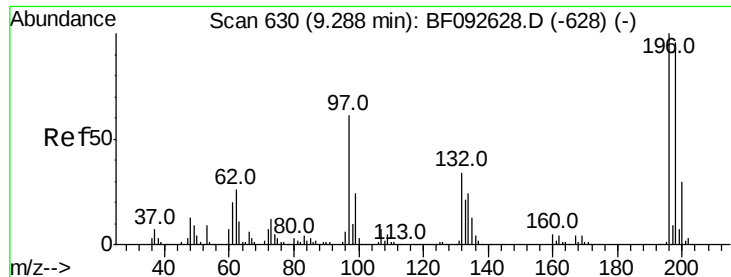
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#42
 2,4,6-Trichlorophenol
 Concen: 51.86 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: BF093365.D
 Acq: 3 Mar 2017 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	327504		
198	95.9	82.1	123.1	
200	30.6	27.0	40.4	





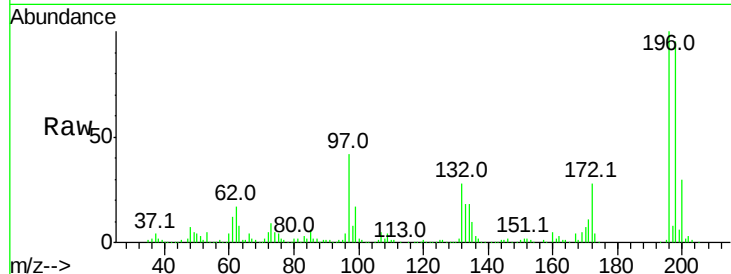
#43
2,4,5-Trichlorophenol
Concen: 45.90 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Instrument :
BNA_F
ClientSampleId :
PB97311BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	317618		
198	94.9	79.4	119.2	
97	42.2	51.5	77.3	
132	27.6	27.4	41.2	

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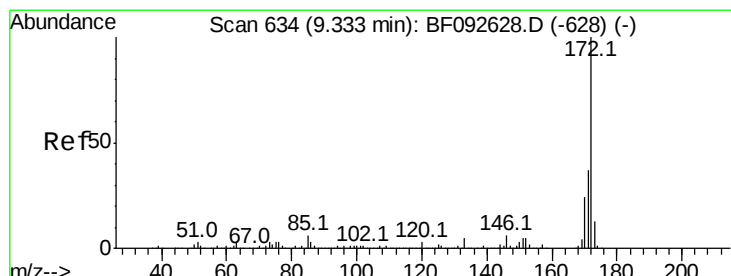
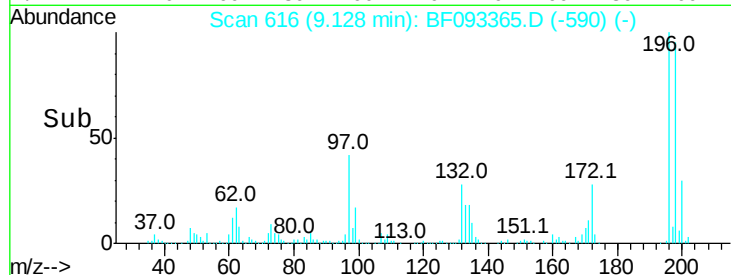
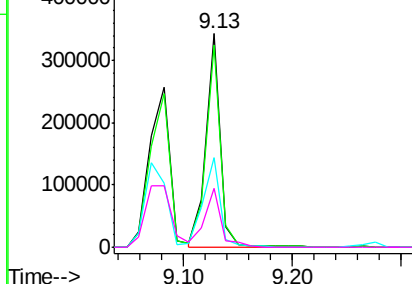
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 91.92 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

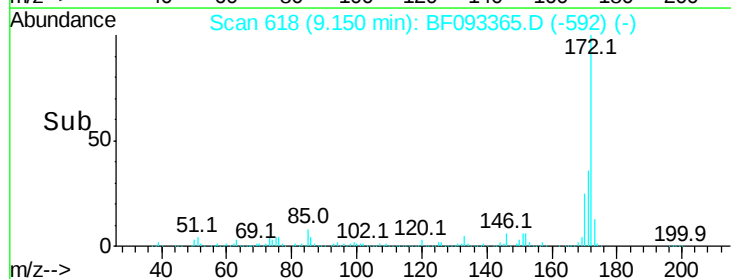
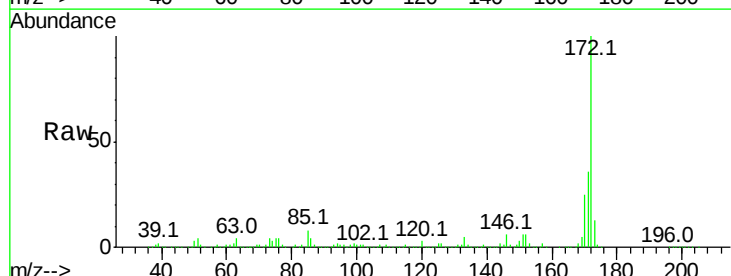
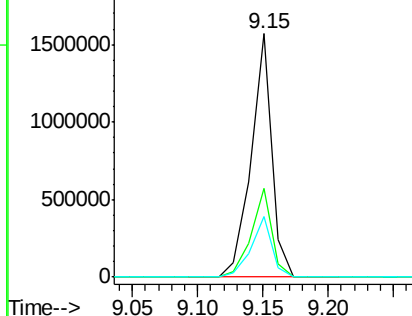
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1737307		
171	36.4	29.4	44.0	
170	24.8	20.2	30.4	

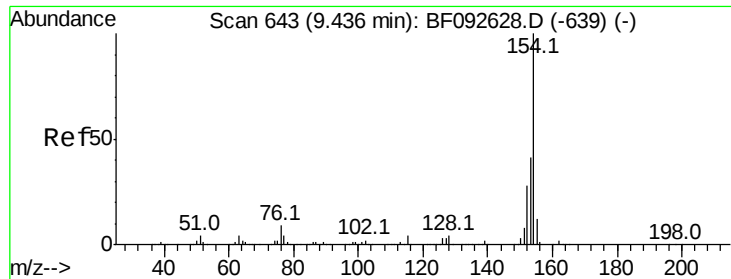
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 49.44 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB97311BS

Tot Ion:154 Resp: 1225815

Ion Ratio Lower Upper

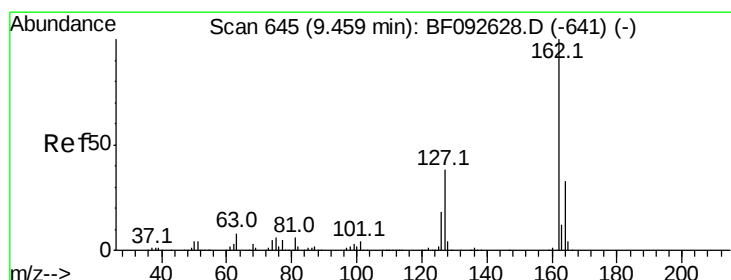
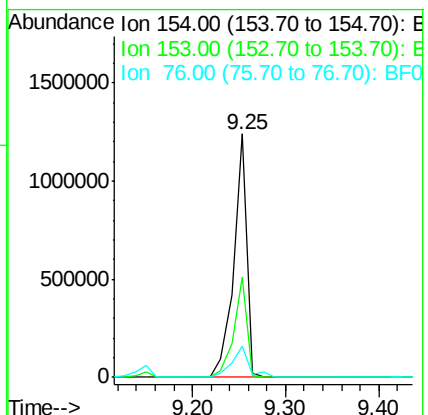
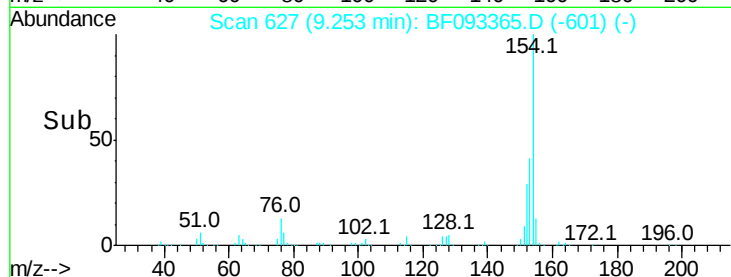
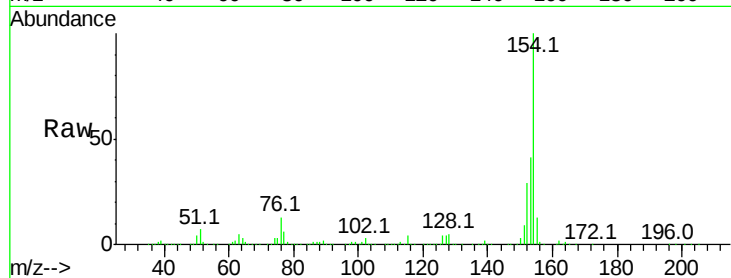
154 100

153 41.2 20.9 60.9

76 13.0 0.0 30.5

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 47.26 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

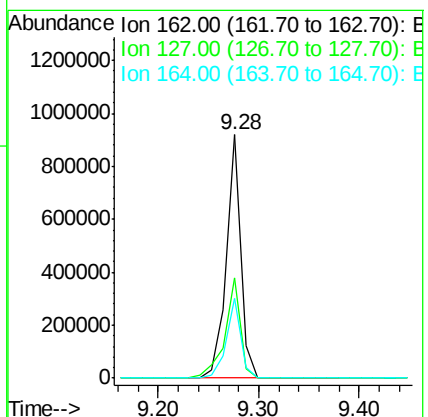
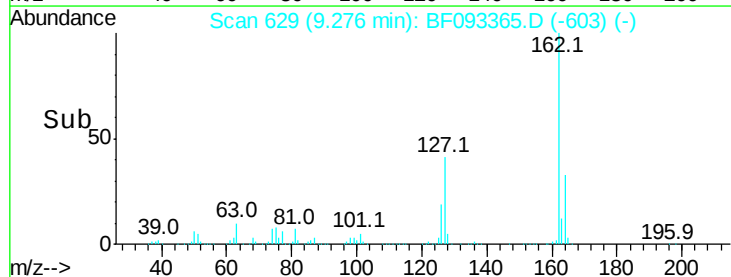
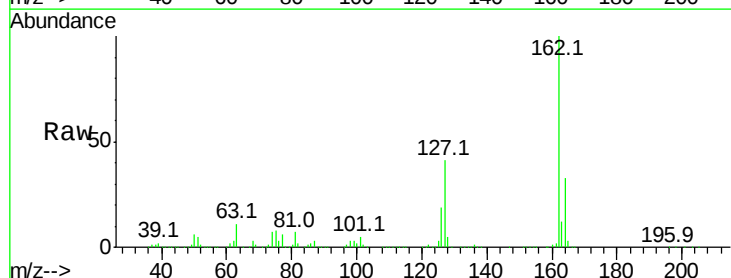
Tgt Ion:162 Resp: 916589

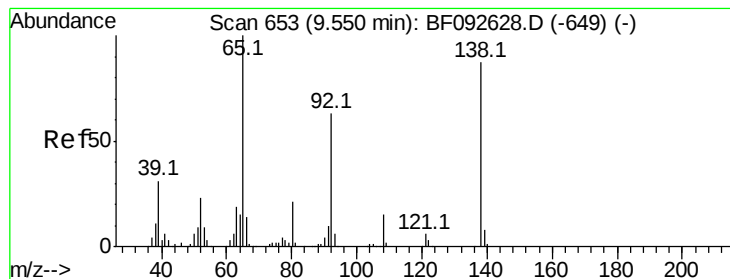
Ion Ratio Lower Upper

162 100

127 41.1 30.7 46.1

164 33.0 27.6 41.4





#47

2-Nitroaniline

Concen: 44.78 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB97311BS

Tot Ion: 65 Resp: 291989

Ion Ratio Lower Upper

65 100

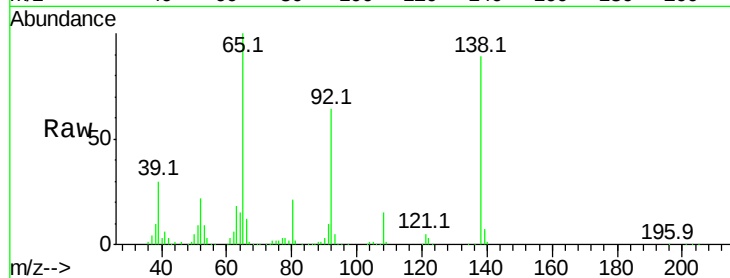
92 63.9 53.9 80.9

138 89.2 76.8 115.2

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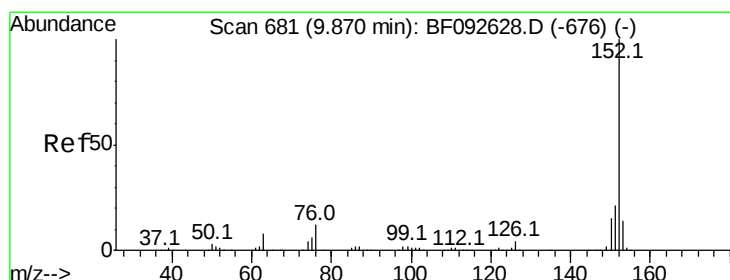
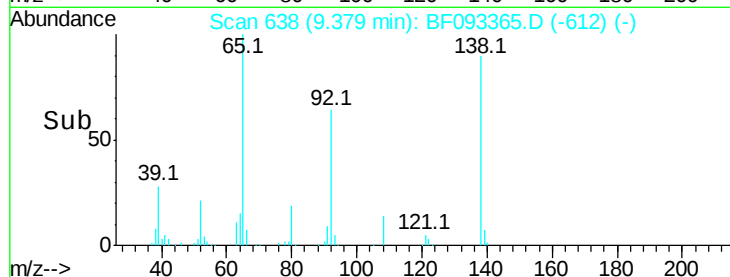
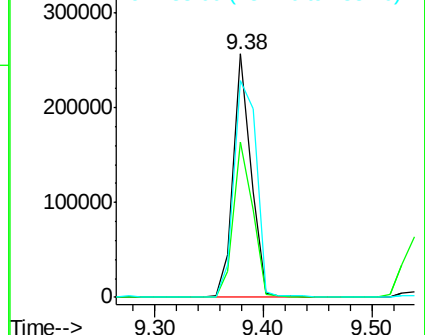
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Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 40.36 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

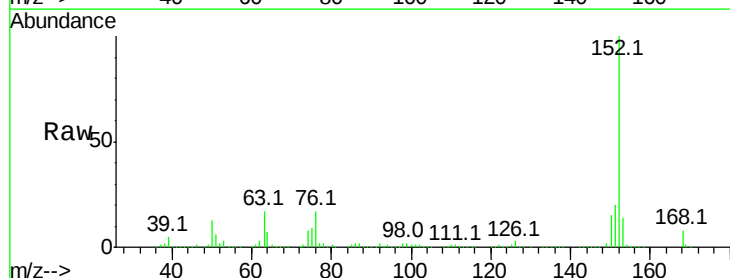
Tgt Ion: 152 Resp: 1352369

Ion Ratio Lower Upper

152 100

151 20.5 16.9 25.3

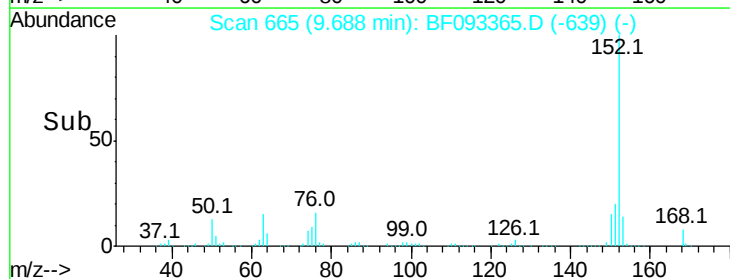
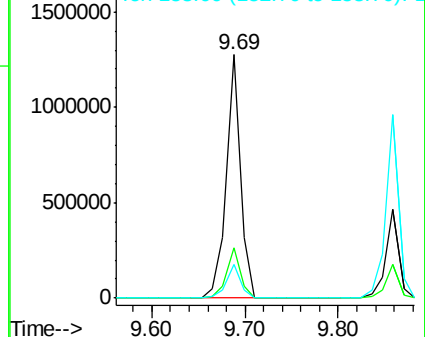
153 13.6 11.4 17.2

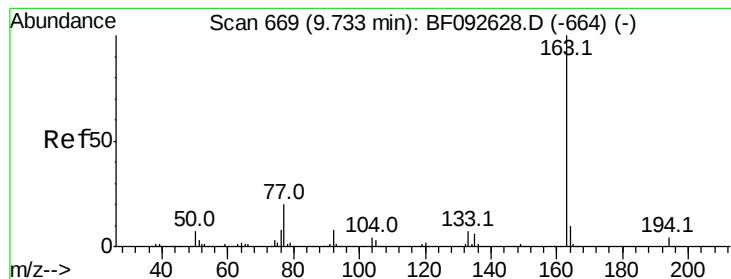


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 49.77 ng

RT: 9.56 min Scan# 654

Delta R.T. 0.01 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB97311BS

Tot Ion:163 Resp: 1147811

Ion Ratio Lower Upper

163 100

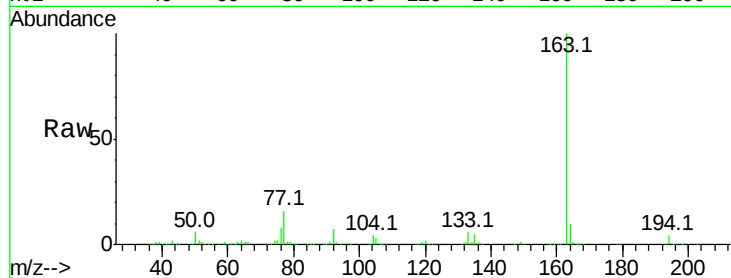
194 3.9 3.0 4.4

164 9.8 8.0 12.0

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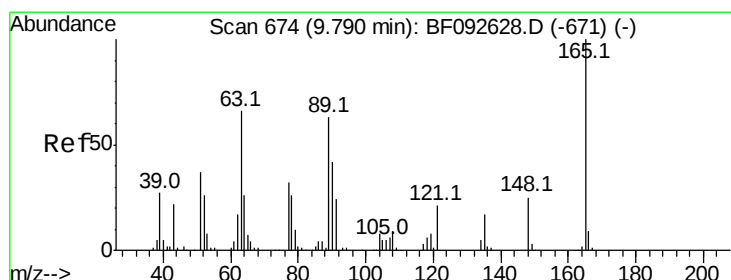
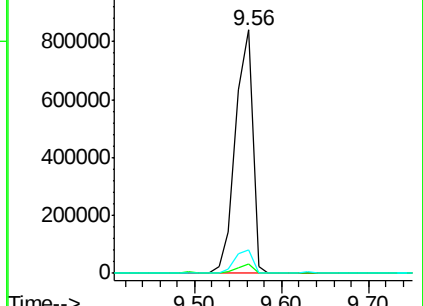
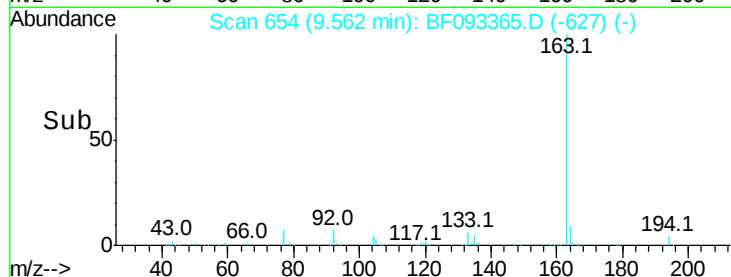
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.39 ng

RT: 9.63 min Scan# 660

Delta R.T. 0.01 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

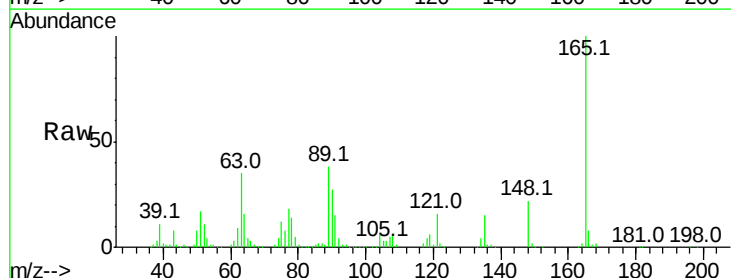
Tgt Ion:165 Resp: 255969

Ion Ratio Lower Upper

165 100

63 35.0 36.2 54.4#

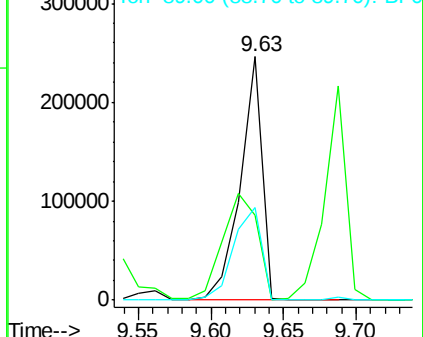
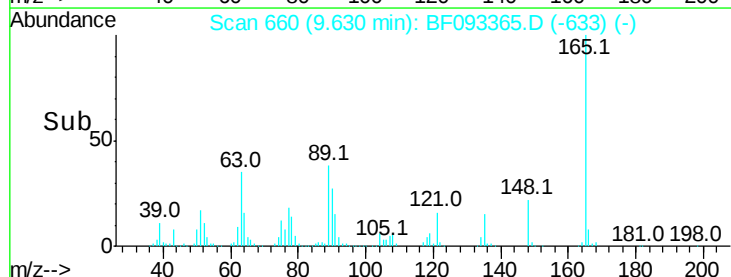
89 38.3 40.2 60.4#

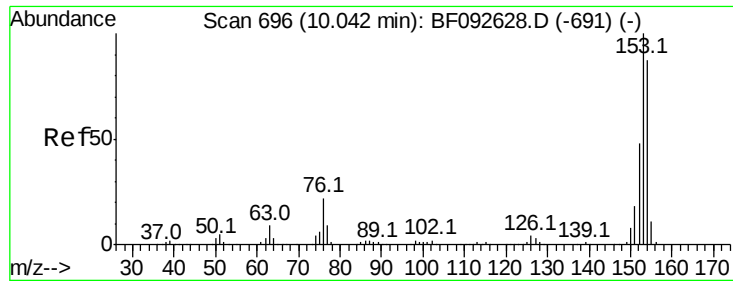


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





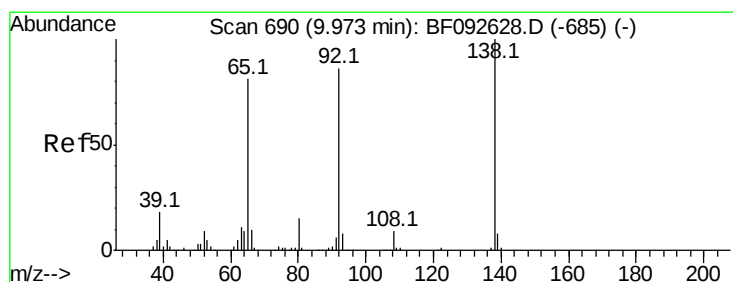
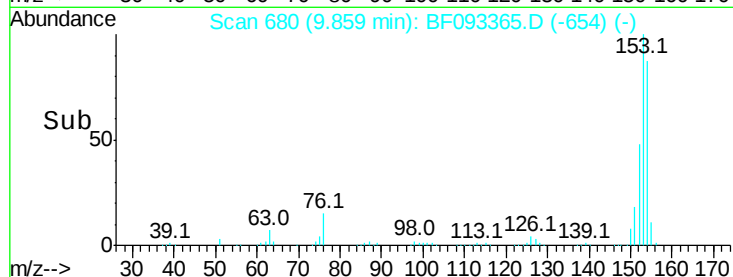
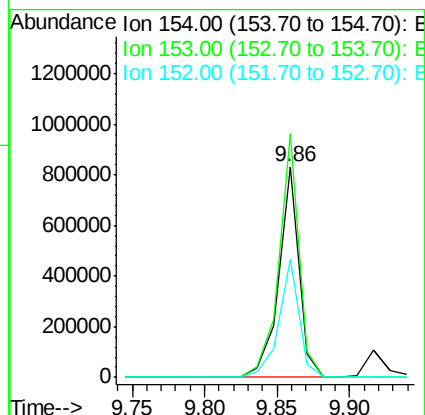
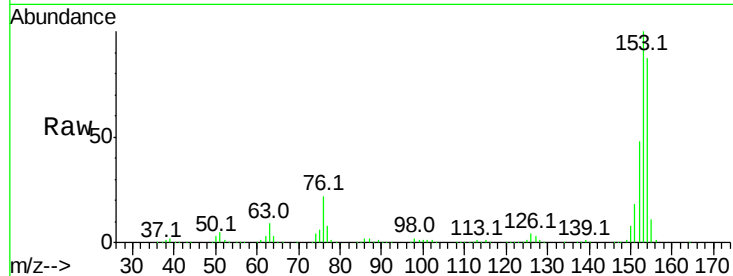
#51
Acenaphthene
Concen: 40.12 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Instrument :
BNA_F
ClientSampleId :
PB97311BS

Tot Ion:154 Resp: 803627
Ion Ratio Lower Upper
154 100
153 115.4 88.6 133.0
152 55.9 41.6 62.4

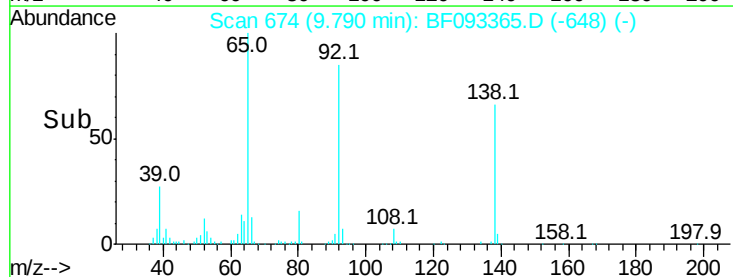
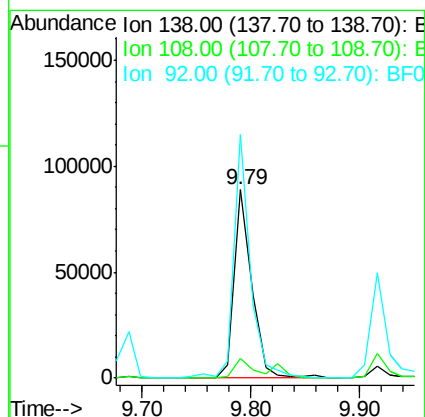
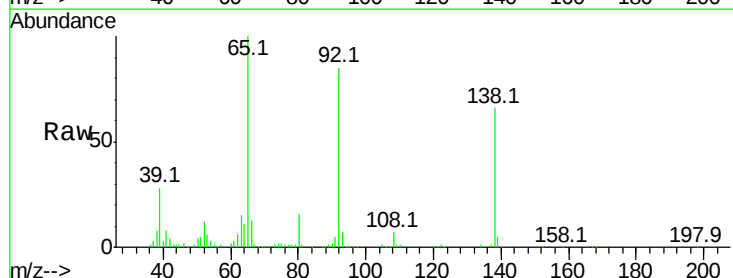
Manual Integrations
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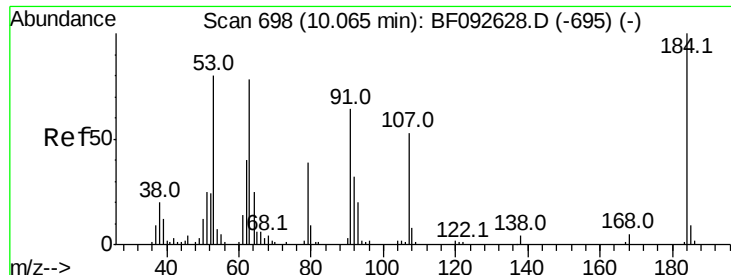
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#52
3-Nitroaniline
Concen: 17.40 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Tgt Ion:138 Resp: 99165
Ion Ratio Lower Upper
138 100
108 10.5 8.5 12.7
92 129.5 97.8 146.8





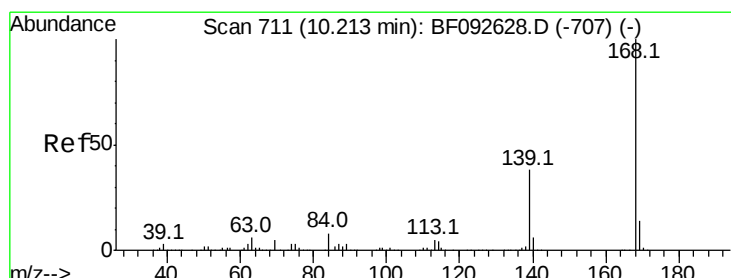
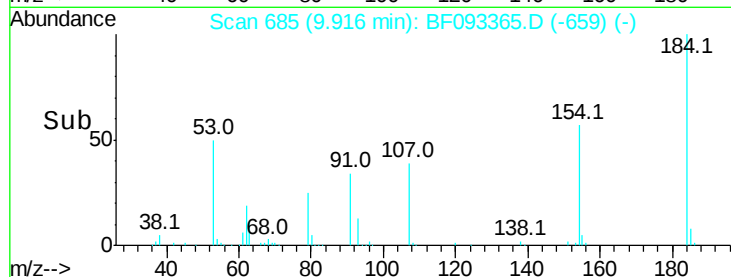
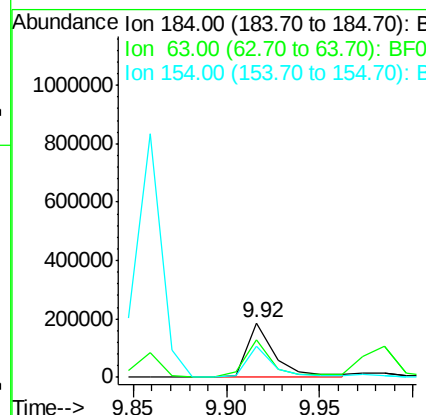
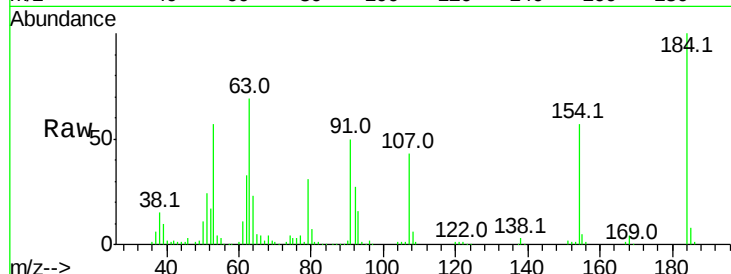
#53
 2,4-Dinitrophenol
 Concen: 78.96 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: BF093365.D
 Acq: 3 Mar 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB97311BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	199901		
63	68.5	28.4	42.6	#
154	57.4	44.3	66.5	

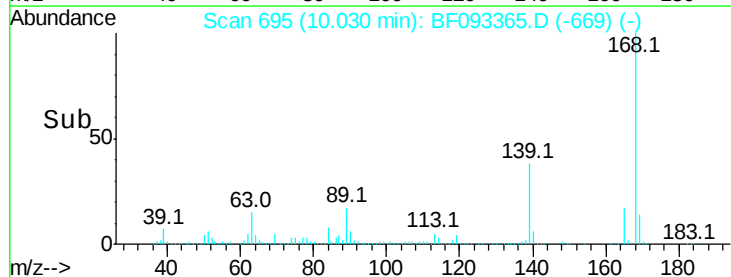
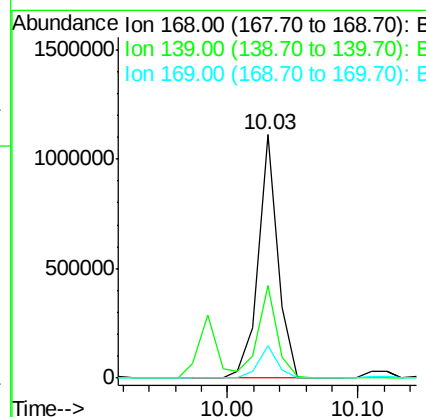
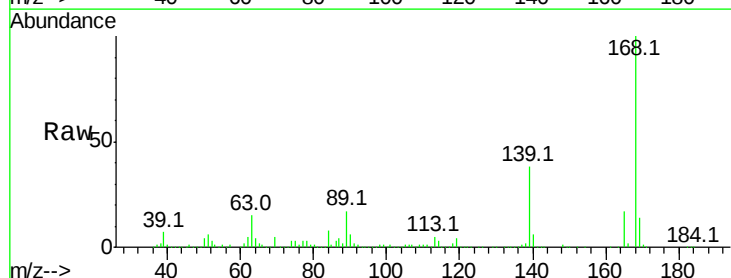
Manual Integrations
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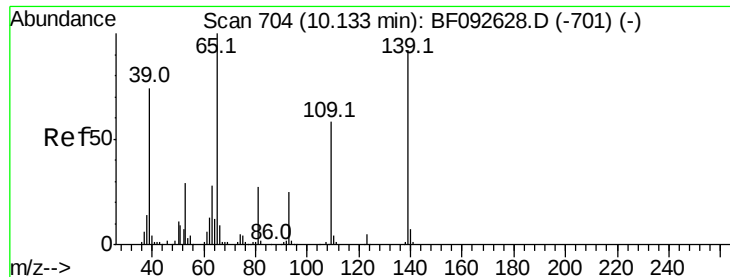
mohammad
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#54
 Dibenzofuran
 Concen: 43.49 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF093365.D
 Acq: 3 Mar 2017 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1165384		
139	38.0	32.6	49.0	
169	13.6	11.3	16.9	





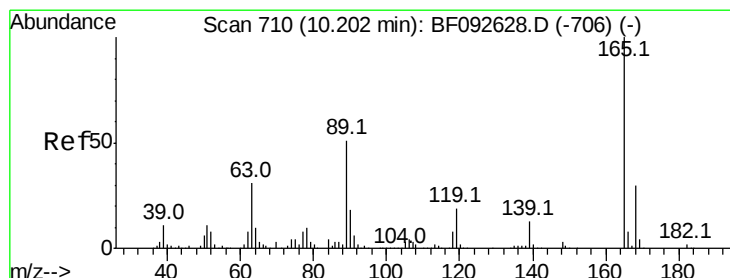
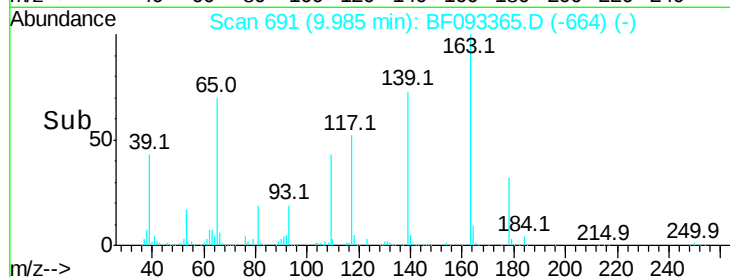
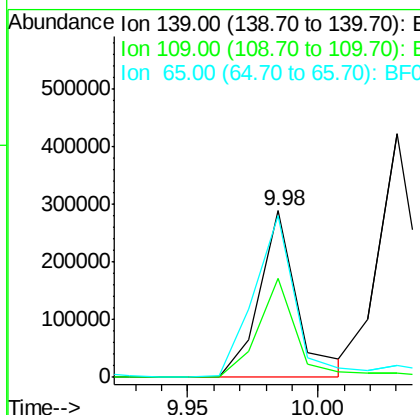
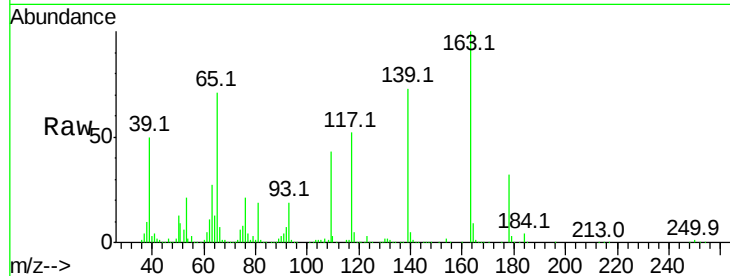
#55
4-Nitrophenol
Concen: 71.32 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Instrument :
BNA_F
ClientSampleId :
PB97311BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	59.2	52.2	92.2
65	97.0	85.8	125.8

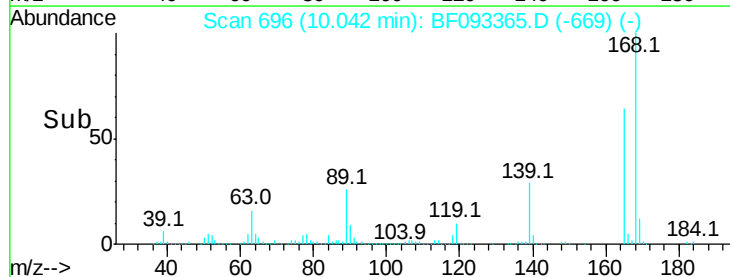
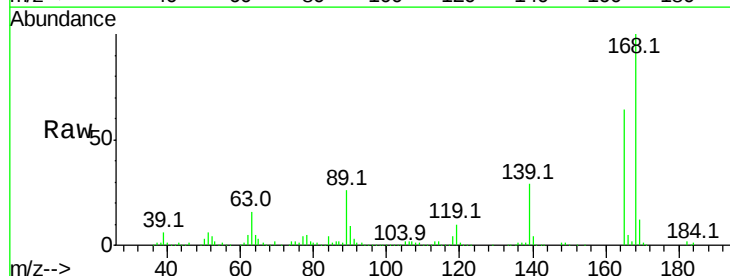
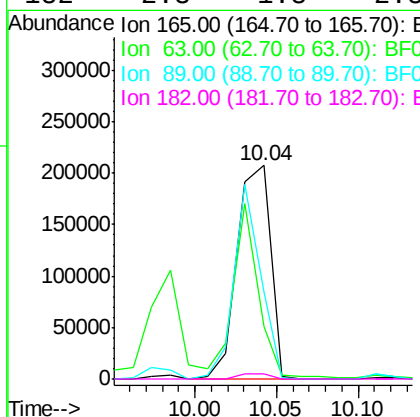
Manual Integrations
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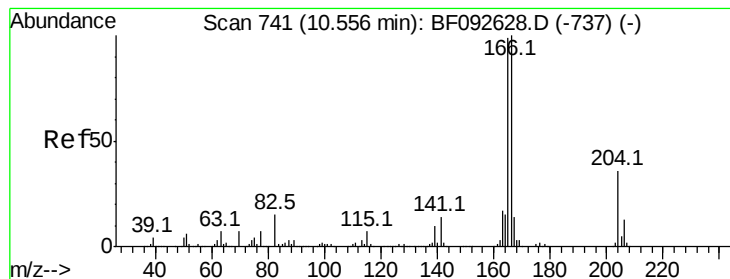
mohammad
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#56
2,4-Dinitrotoluene
Concen: 44.39 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	24.7	40.2	60.4#
89	41.0	62.5	93.7#
182	2.3	1.8	2.8





#57

Fluorene

Concen: 44.37 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB97311BS

Tot Ion:166 Resp: 914703

Ion Ratio Lower Upper

166 100

165 99.3 77.8 116.8

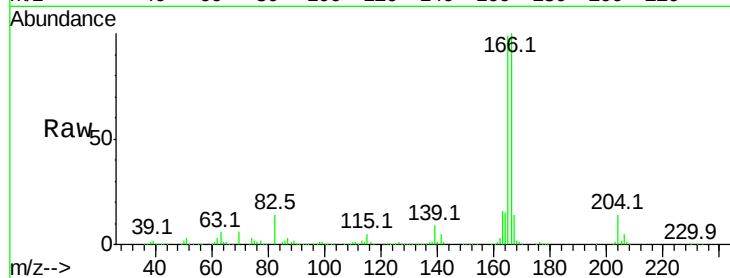
167 13.5 10.8 16.2

Manual Integrations

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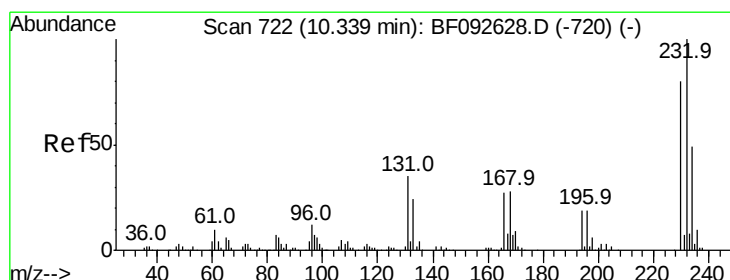
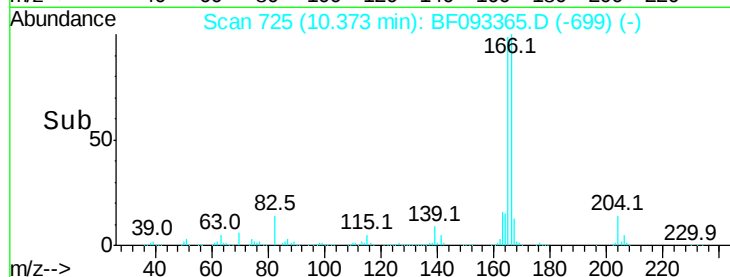
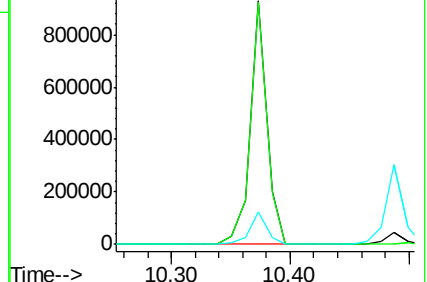
3/6/2017 4:23:20 PM



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: 51.17 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

Tgt Ion:232 Resp: 236198

Ion Ratio Lower Upper

232 100

131 44.7 40.1 60.1

130 2.1 1.8 2.8

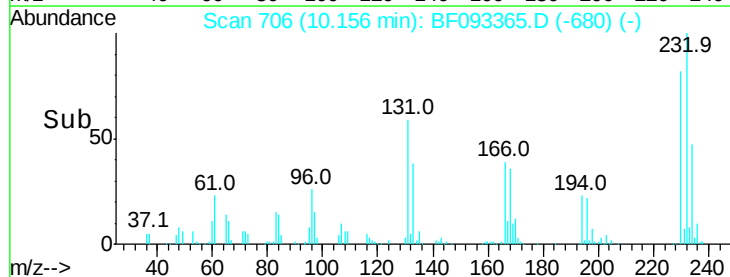
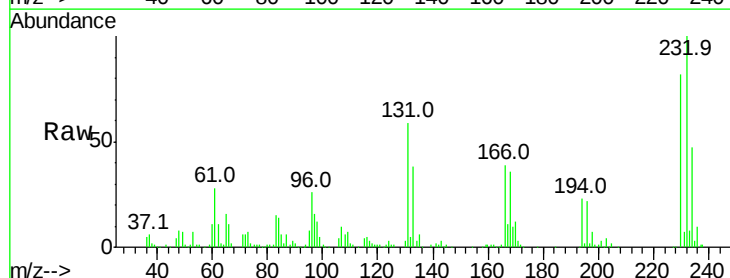
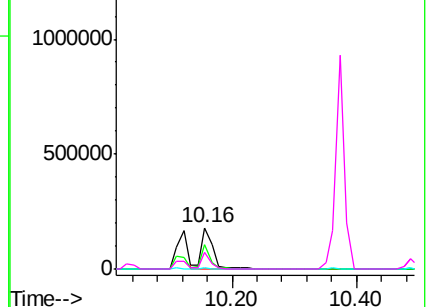
166 29.6 26.6 39.8

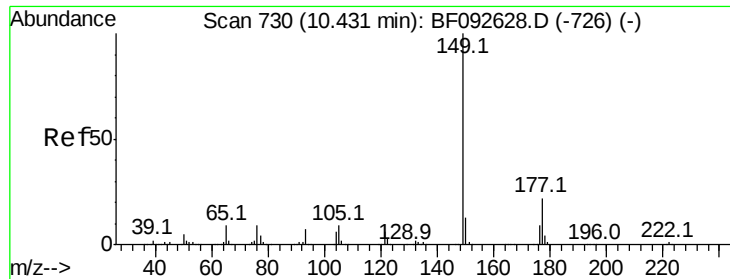
Abundance Ion 232.00 (231.70 to 232.70): E

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





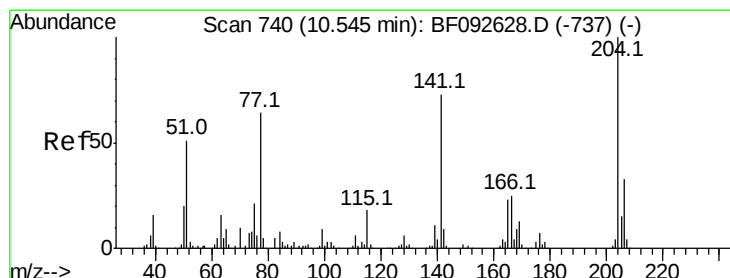
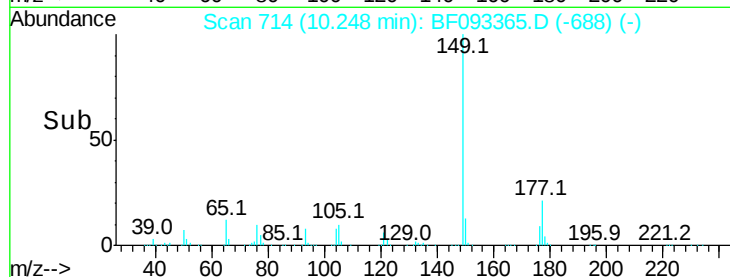
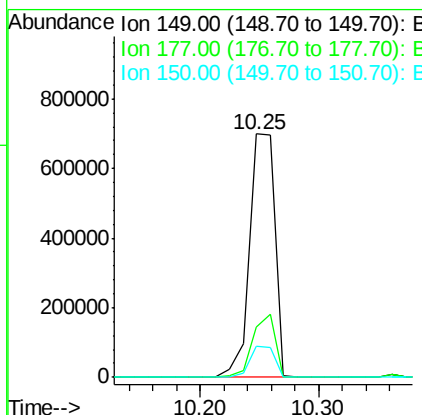
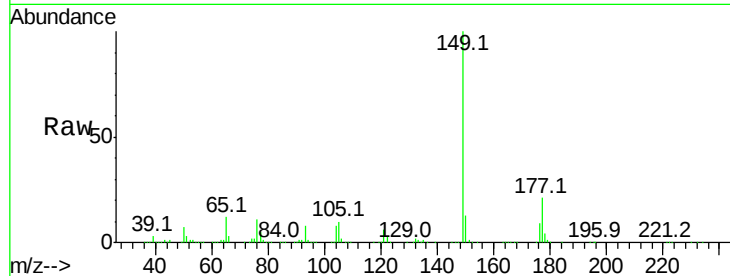
#59
Diethylphthalate
Concen: 47.99 ng
RT: 10.25 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Instrument :
BNA_F
ClientSampleId :
PB97311BS

Tot Ion:149 Resp: 1043030
Ion Ratio Lower Upper
149 100
177 20.8 16.6 25.0
150 12.7 10.4 15.6

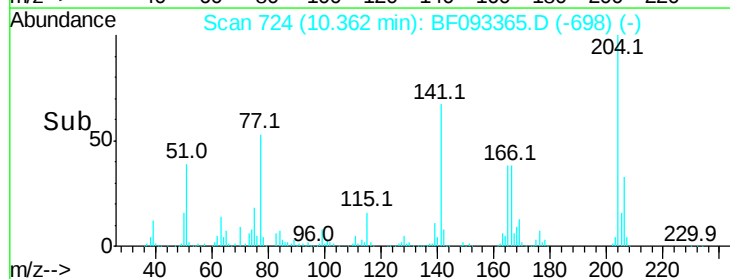
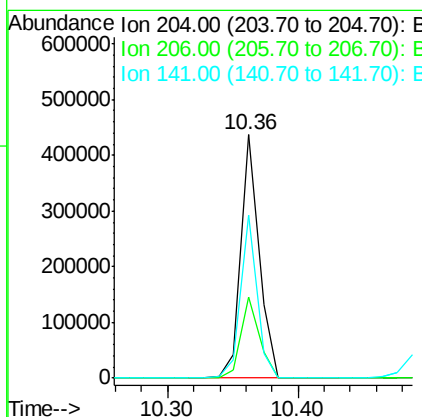
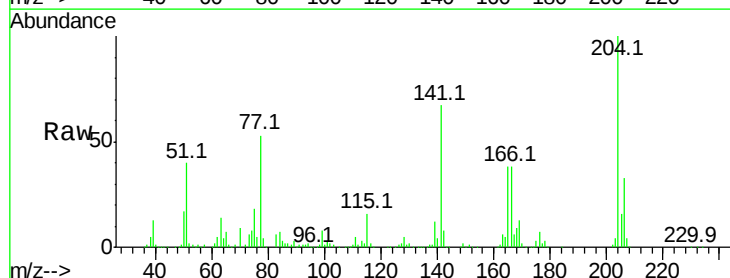
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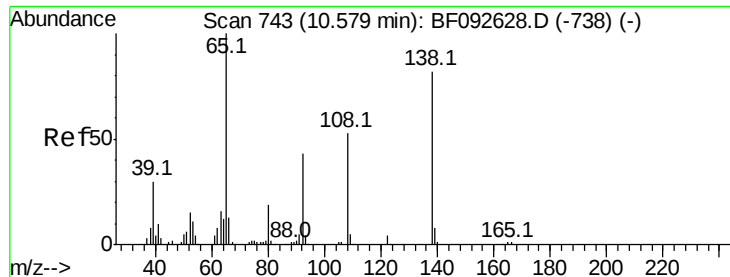
mohammad
3/6/2017 4:23:20 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.69 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Tgt Ion:204 Resp: 422741
Ion Ratio Lower Upper
204 100
206 33.4 25.8 38.6
141 66.9 59.4 89.0





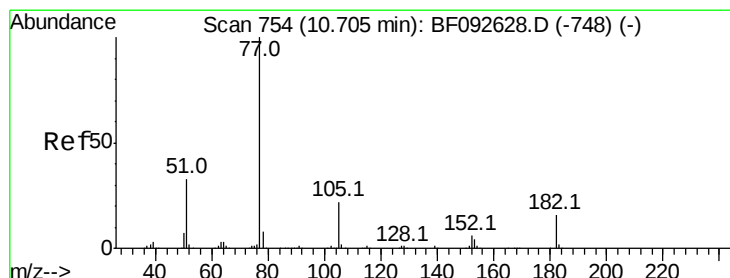
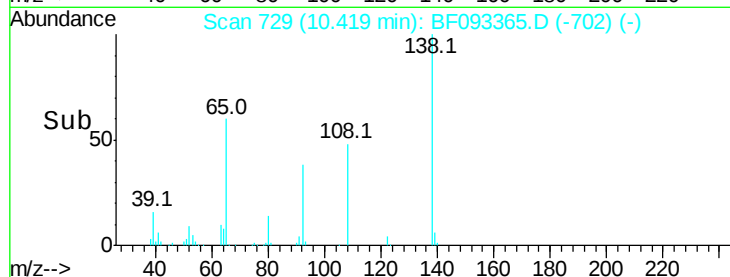
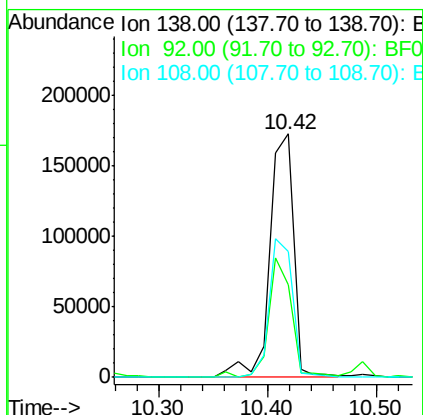
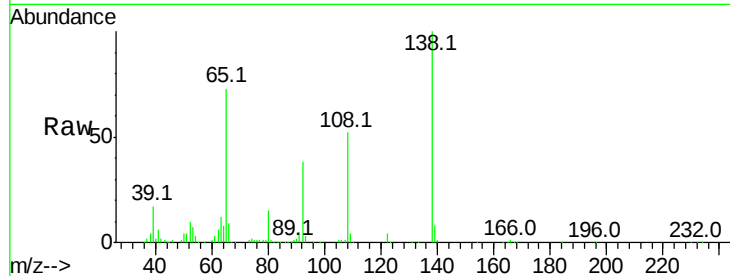
#61
4-Nitroaniline
Concen: 45.02 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Instrument :
BNA_F
ClientSampleId :
PB97311BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	38.2	31.7	71.7
108	51.6	52.6	92.6#

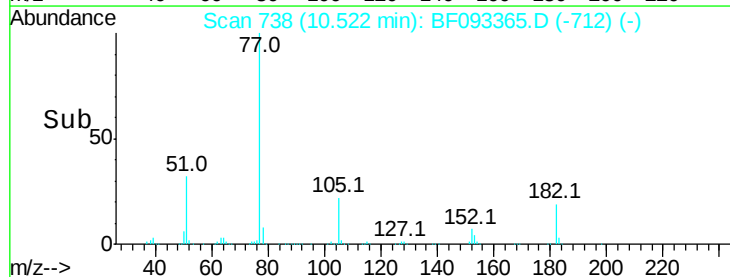
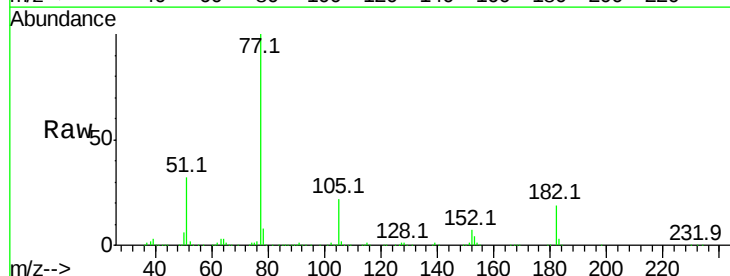
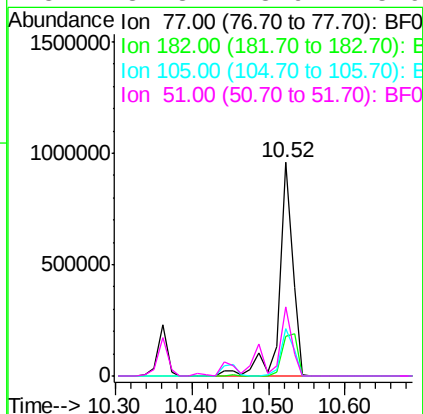
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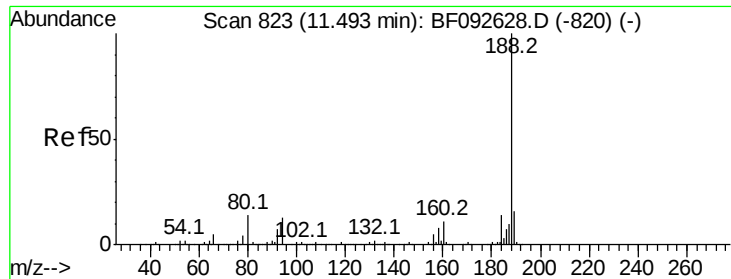
mohammad
3/6/2017 4:23:20 PM



#62
Azobenzene
Concen: 51.96 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.8	0.0	39.3
105	22.4	2.3	42.3
51	32.3	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

Instrument :

BNA_F

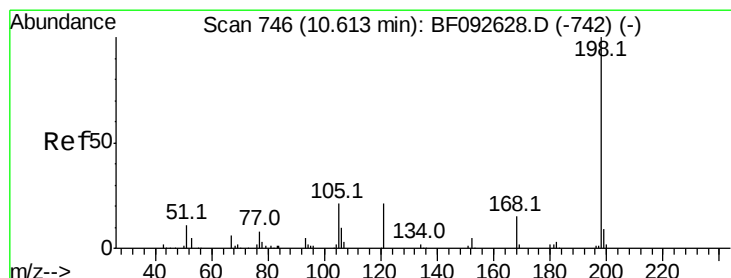
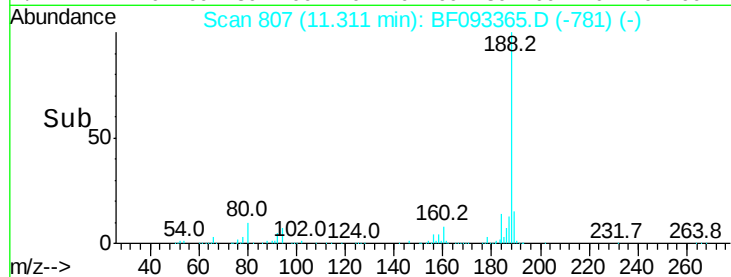
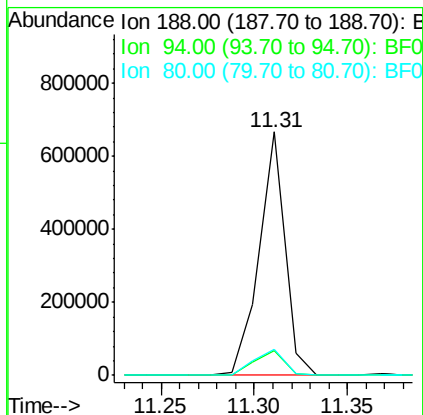
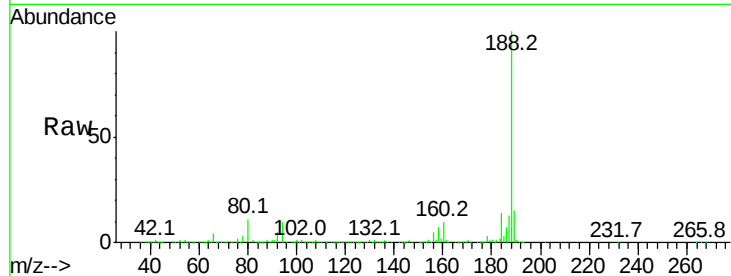
ClientSampleId :

PB97311BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	639107		
94	10.3		10.0	15.0
80	10.7		11.2	16.8#

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#64

4,6-Dinitro-2-methylphenol

Concen: 42.42 ng

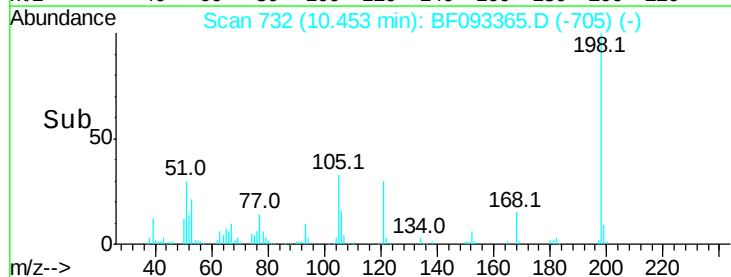
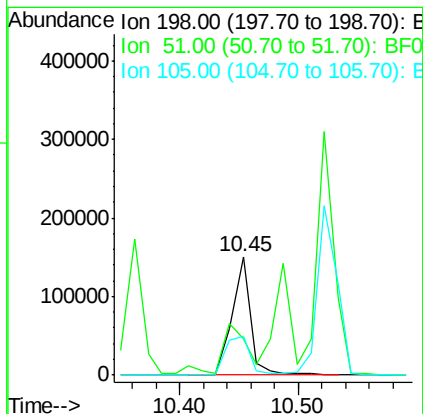
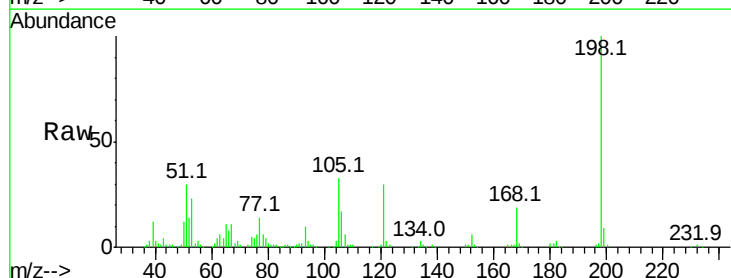
RT: 10.45 min Scan# 732

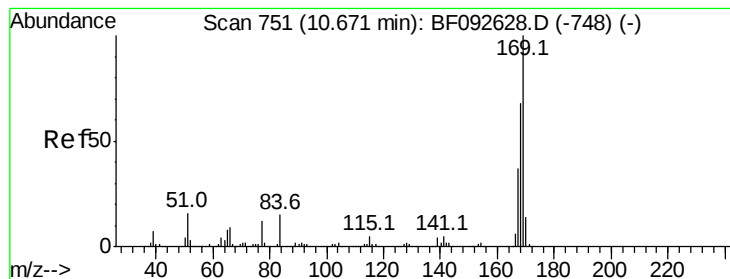
Delta R.T. 0.01 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	163758		
51	30.1		6.7	46.7
105	33.1		16.6	56.6





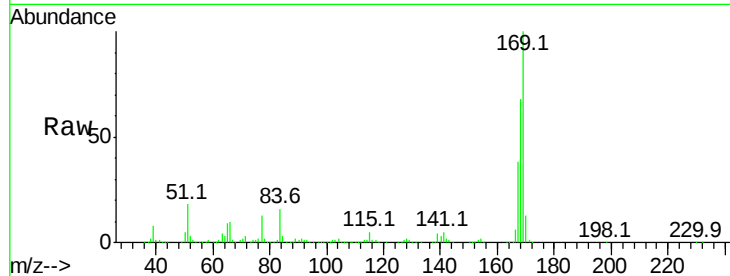
#65
n-Nitrosodiphenylamine
Concen: 39.68 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Instrument :
BNA_F
ClientSampleId :
PB97311BS

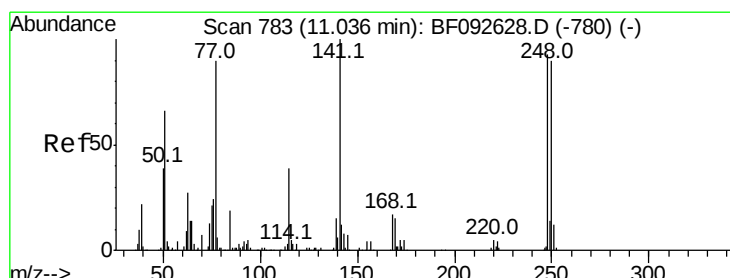
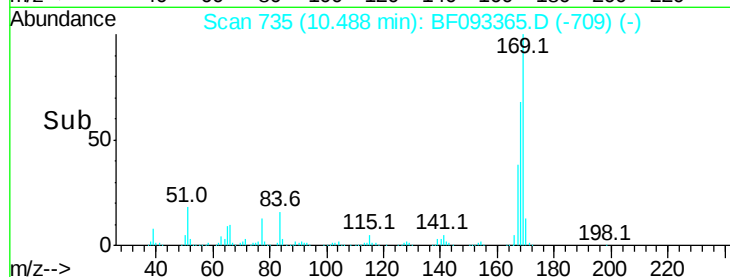
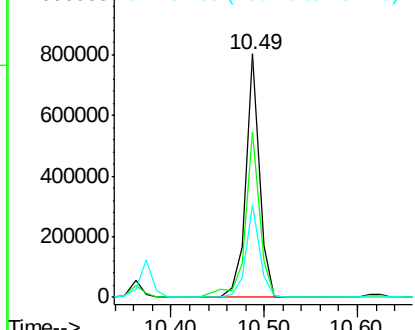
Tot Ion	Ratio	Resp	Lower	Upper
169	100	810095		
168	68.2		54.2	81.2
167	37.9		30.2	45.4

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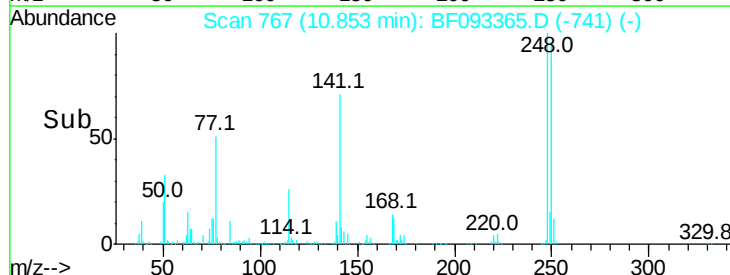
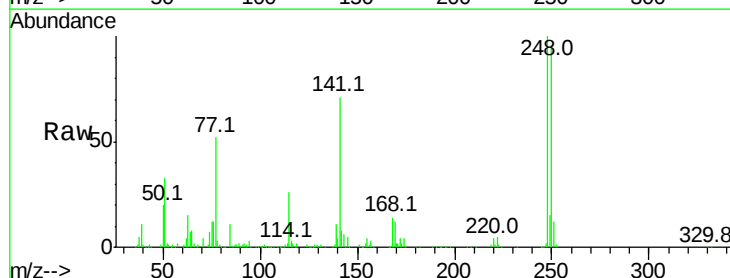
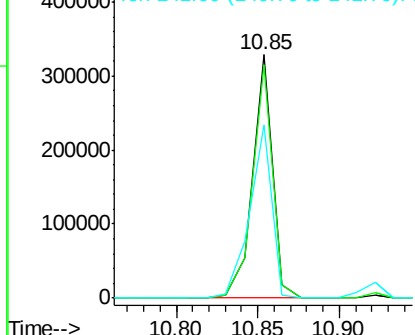
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

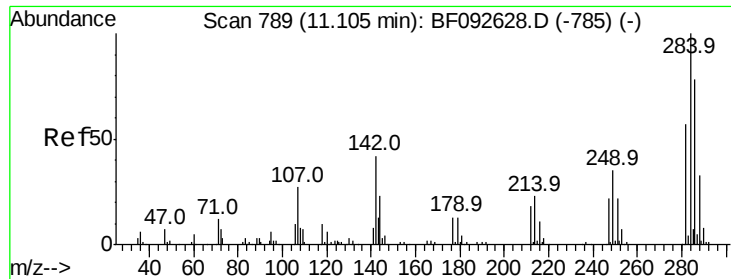


#66
4-Bromophenyl-phenylether
Concen: 41.64 ng
RT: 10.85 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	278052		
250	95.8		76.9	115.3
141	71.0		68.2	102.4

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





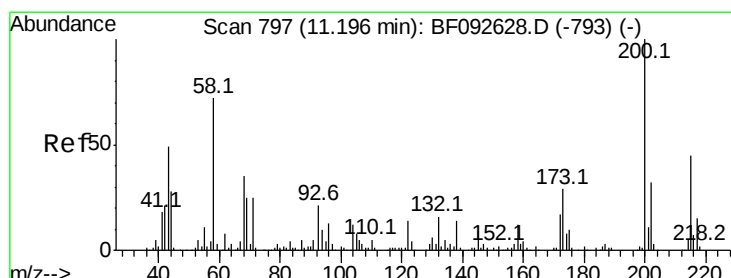
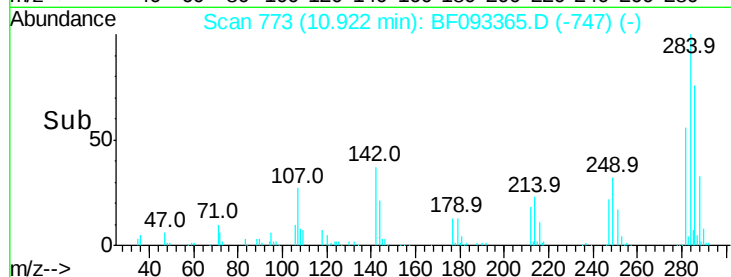
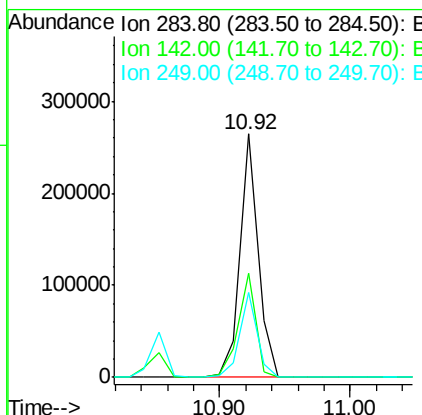
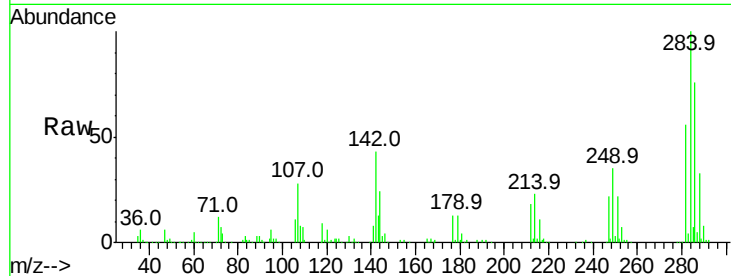
#67
Hexachlorobenzene
Concen: 38.59 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Instrument :
BNA_F
ClientSampleId :
PB97311BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	254654		
142	42.6	22.6	33.8#	
249	34.7	25.4	38.0	

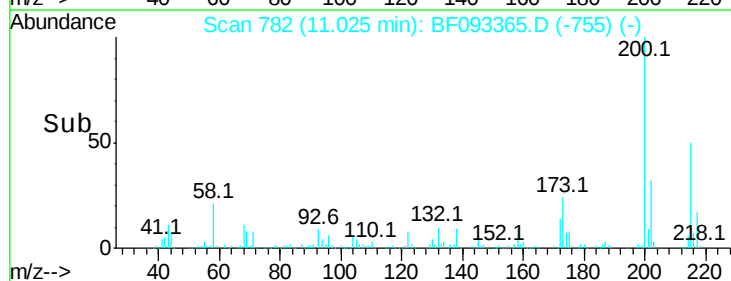
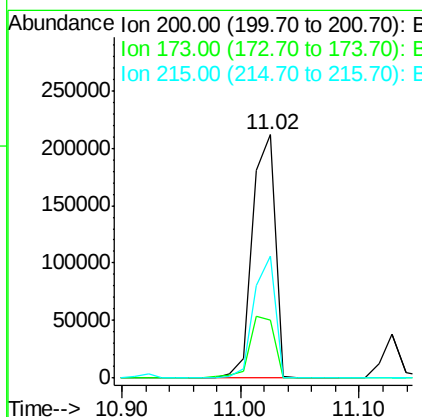
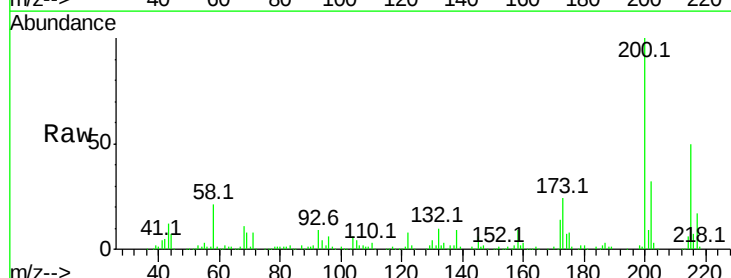
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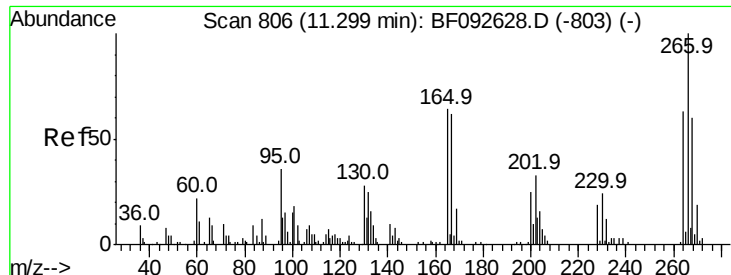
mohammad
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#68
Atrazine
Concen: 43.58 ng
RT: 11.02 min Scan# 782
Delta R.T. 0.01 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	285551		
173	23.9	9.6	49.6	
215	50.0	25.7	65.7	





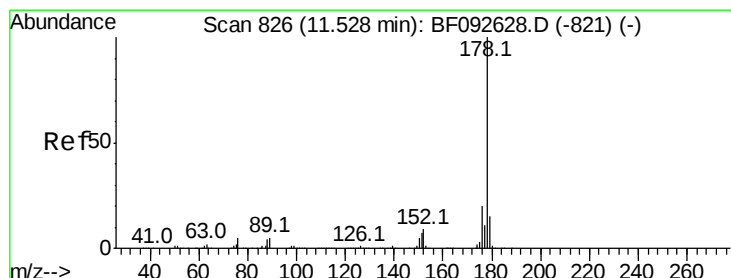
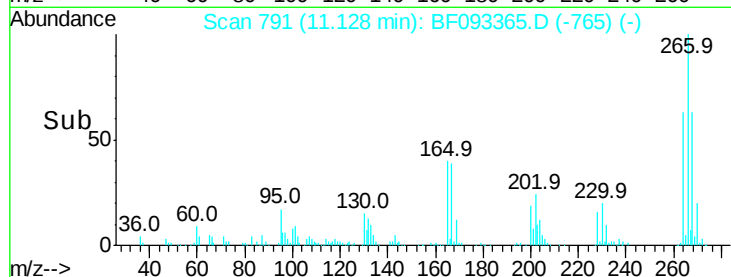
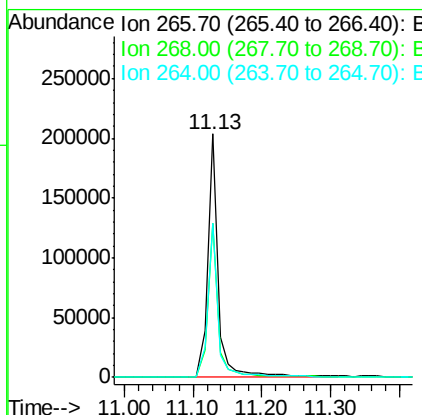
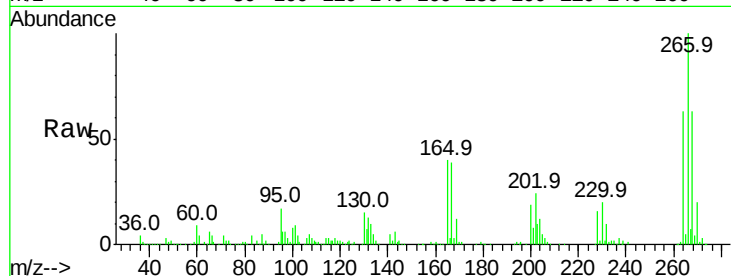
#69
 Pentachlorophenol
 Concen: 66.31 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF093365.D
 Acq: 3 Mar 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB97311BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	53.3	79.9
264	63.2	50.3	75.5

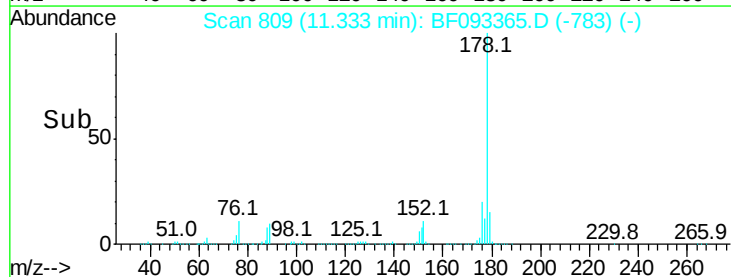
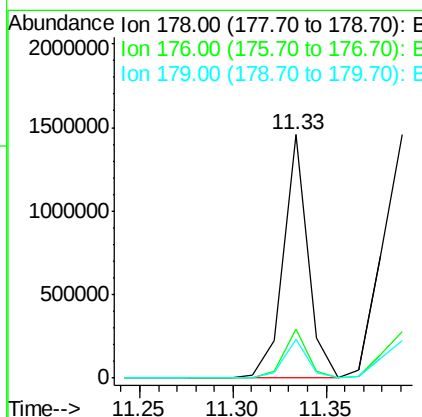
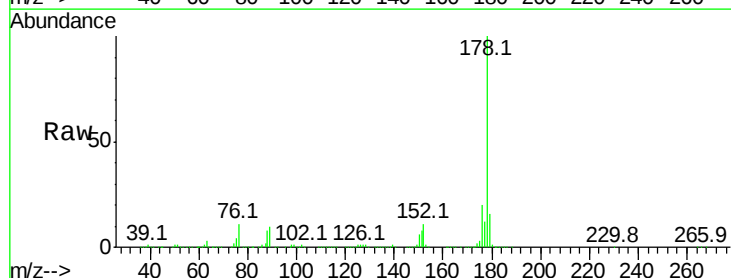
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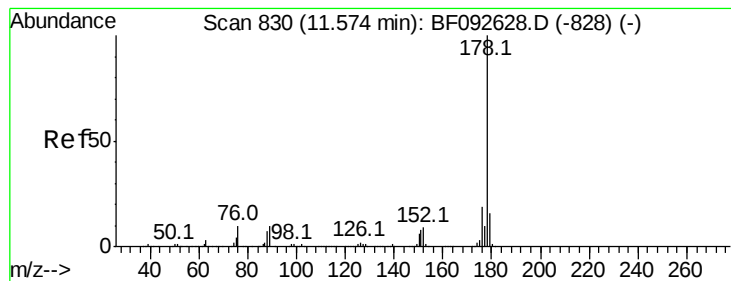
mohammad
 3/6/2017 4:23:20 PM



#70
 Phenanthrene
 Concen: 36.46 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF093365.D
 Acq: 3 Mar 2017 18:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.6	25.0
179	15.7	12.8	19.2





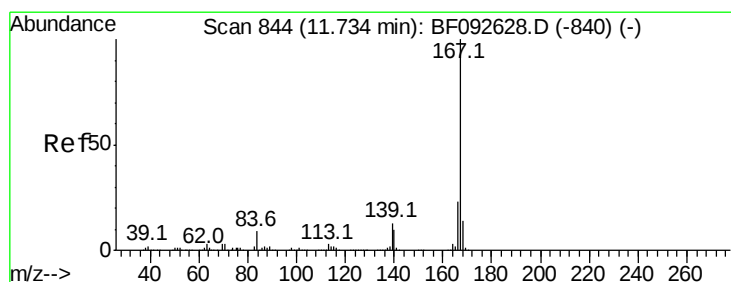
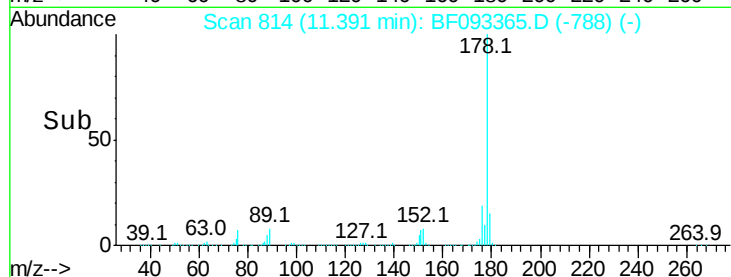
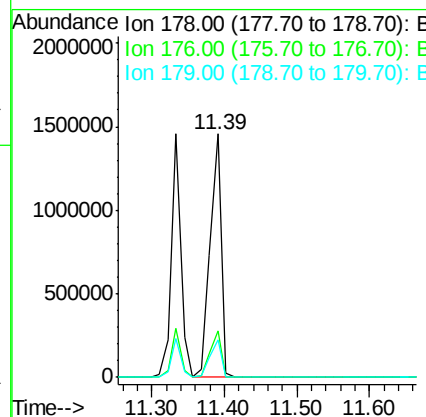
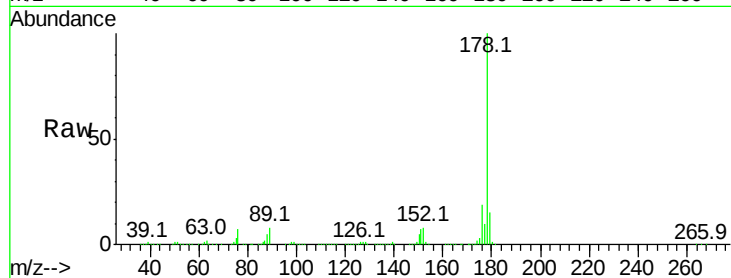
#71
 Anthracene
 Concen: 42.39 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF093365.D
 Acq: 3 Mar 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB97311BS

Tot Ion:178 Resp: 1558658
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.9 23.9
 179 15.3 13.2 19.8

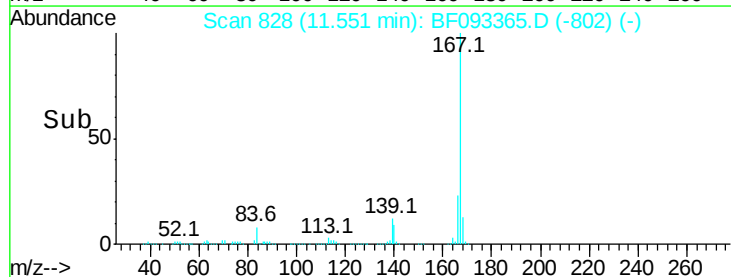
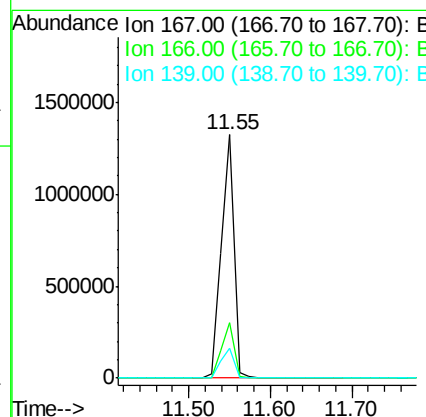
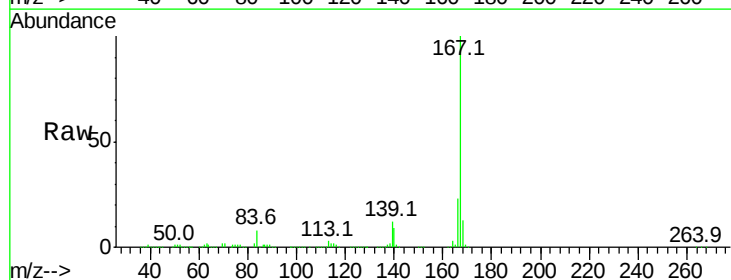
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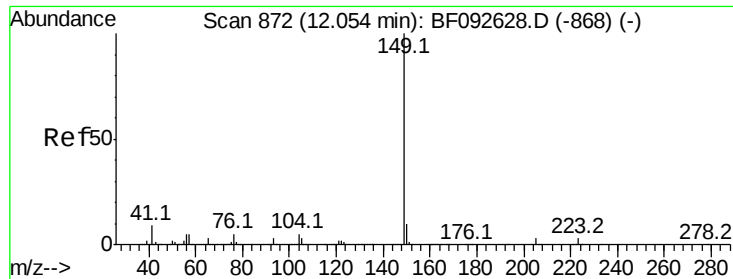
mohammad
 3/6/2017 4:23:20 PM



#72
 Carbazole
 Concen: 40.42 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF093365.D
 Acq: 3 Mar 2017 18:16

Tgt Ion:167 Resp: 1420845
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.2
 139 12.2 11.4 17.2





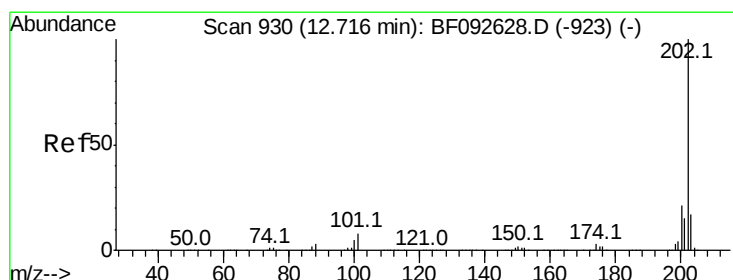
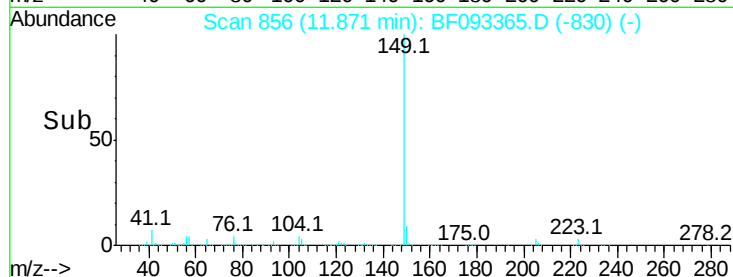
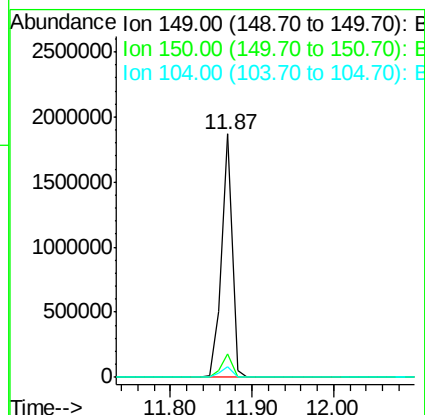
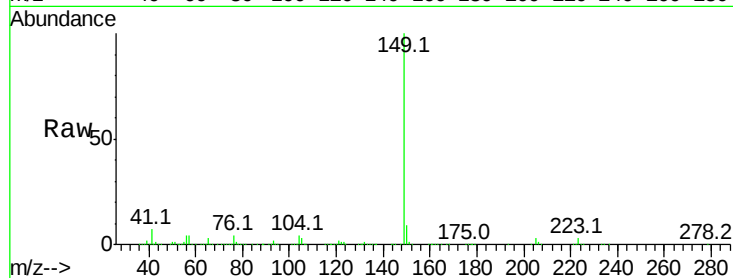
#73
Di-n-butylphthalate
Concen: 44.17 ng
RT: 11.87 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Instrument :
BNA_F
ClientSampleID :
PB97311BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.1	12.1
104	4.2	4.6	7.0

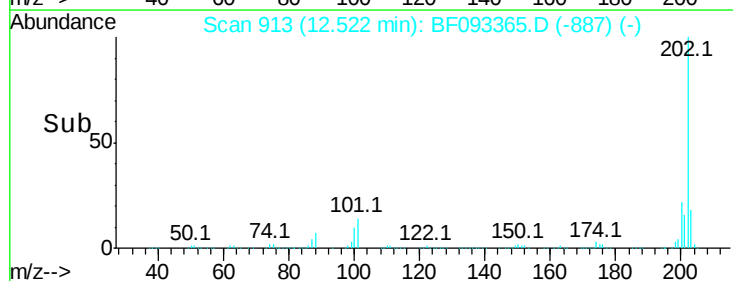
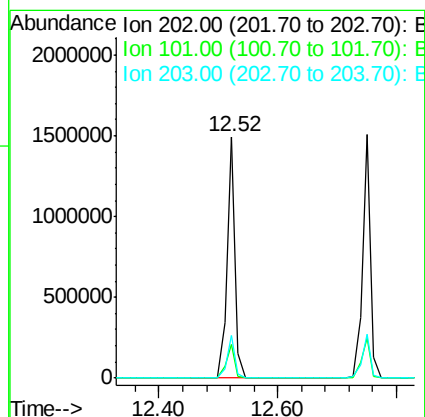
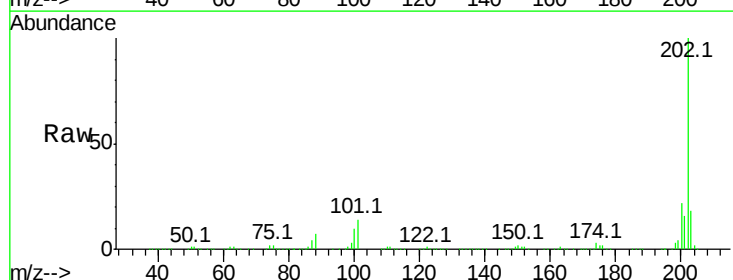
Manual Integrations
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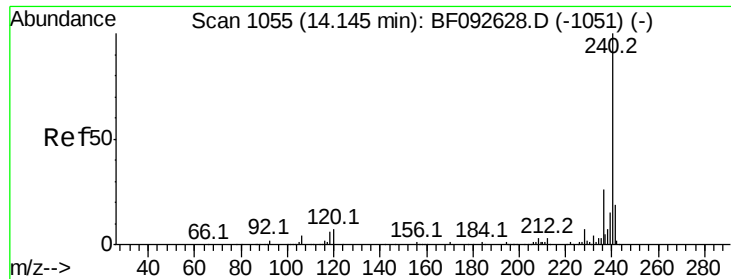
mohammad
3/6/2017 4:23:20 PM



#74
Fluoranthene
Concen: 36.64 ng
RT: 12.52 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	34.6
203	17.7	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

Instrument :

BNA_F

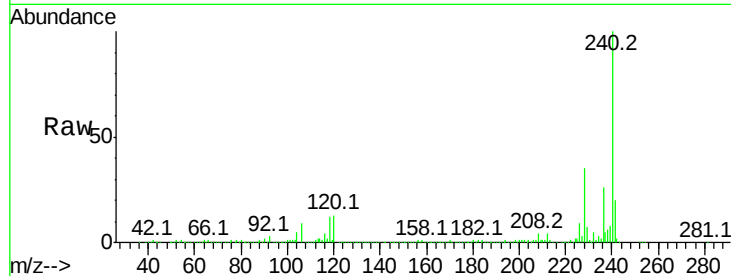
ClientSampleId :

PB97311BS

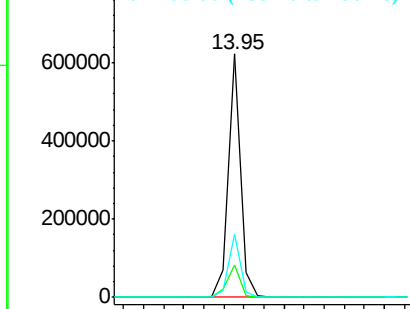
Tot Ion:	240	Resp:	522747
Ion Ratio	Lower	Upper	
240	100		
120	13.3	12.9	19.3
236	25.7	20.9	31.3

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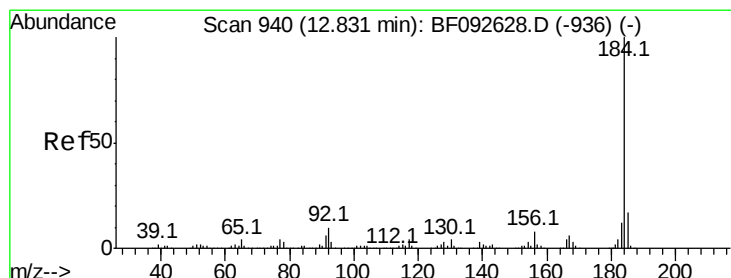
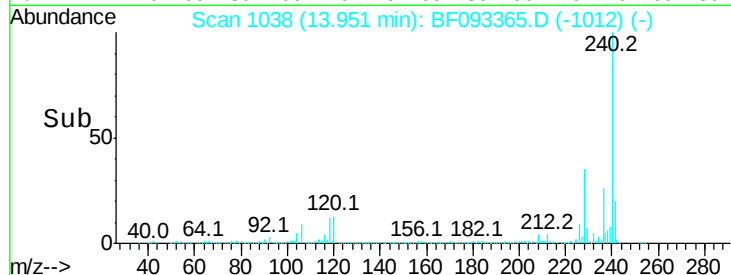
mohammad
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 15.86 ng

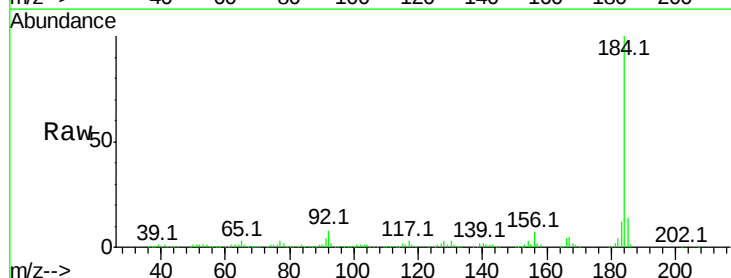
RT: 12.65 min Scan# 924

Delta R.T. -0.00 min

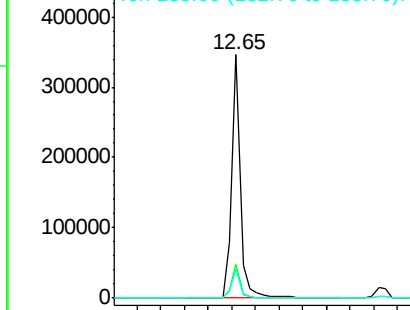
Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

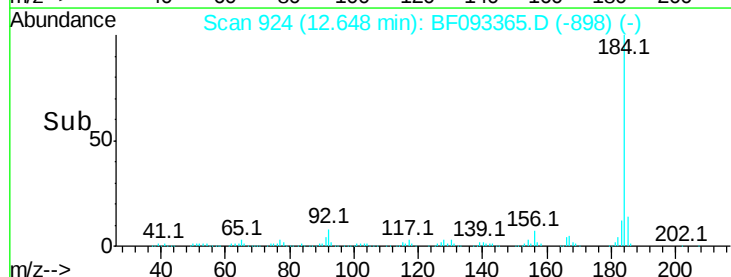
Tgt Ion:	184	Resp:	353371
Ion Ratio	Lower	Upper	
184	100		
185	13.9	13.4	20.0
183	11.6	9.2	13.8

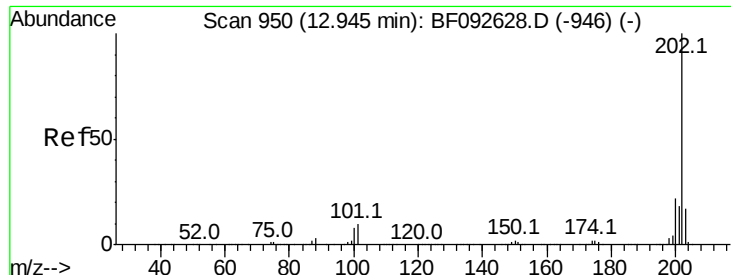


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time-->





#77

Pvrene

Concen: 35.70 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB97311BS

Tot Ion:202 Resp: 1396530

Ion Ratio Lower Upper

202 100

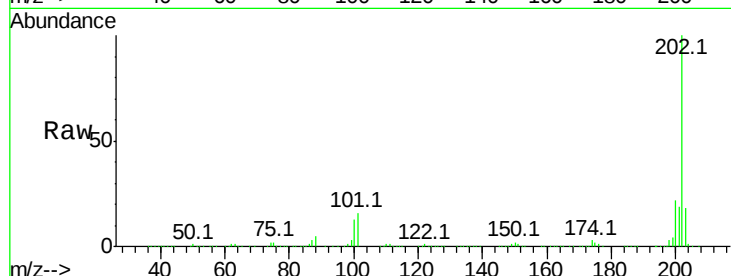
200 22.1 17.7 26.5

203 18.0 14.7 22.1

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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.75

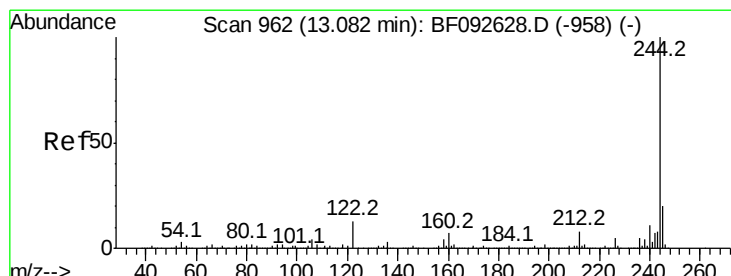
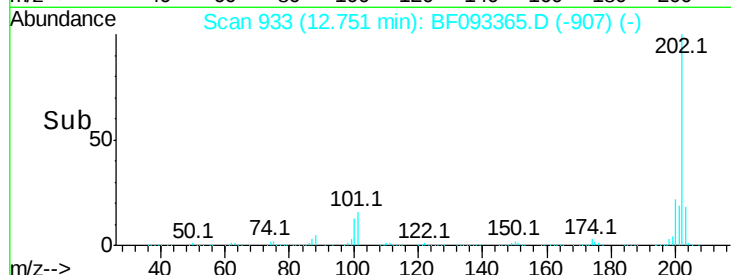
1500000

1000000

500000

0

Time-->



#78

Terphenyl-d14

Concen: 75.78 ng

RT: 12.90 min Scan# 946

Delta R.T. 0.01 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

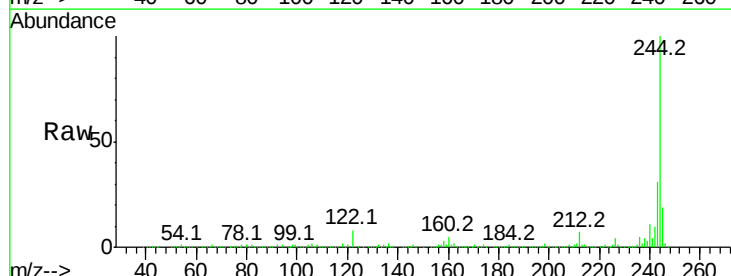
Tgt Ion:244 Resp: 1685889

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

122 7.7 11.4 17.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.90

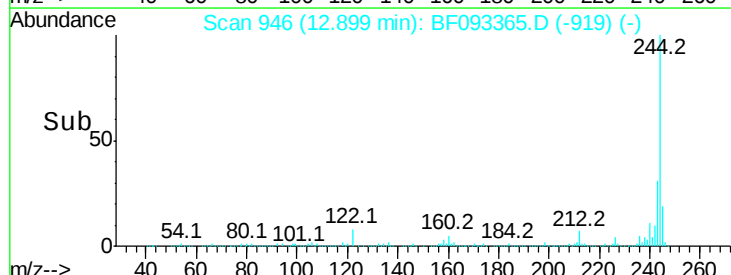
1500000

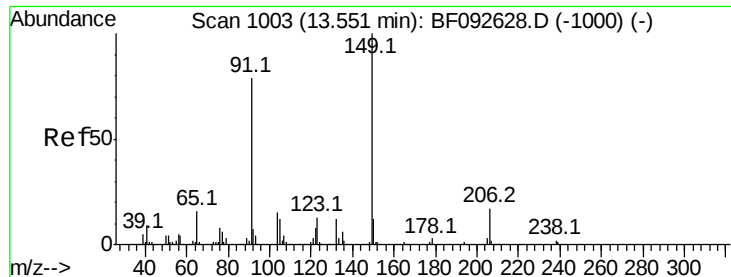
1000000

500000

0

Time-->





#79

Butylbenzylphthalate

Concen: 45.41 ng

RT: 13.37 min Scan# 987

Delta R.T. -0.00 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

Instrument :

BNA_F

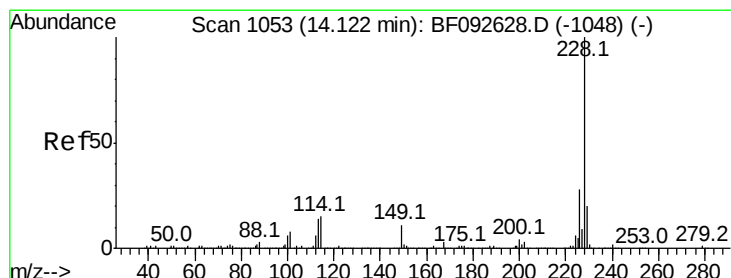
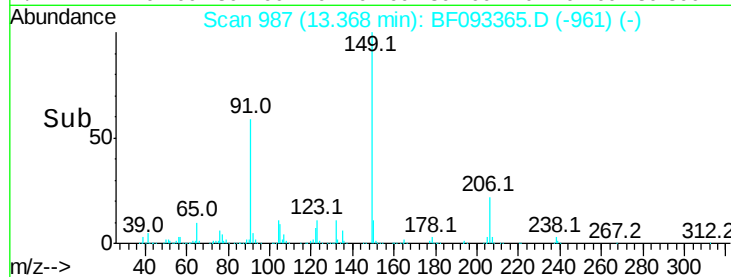
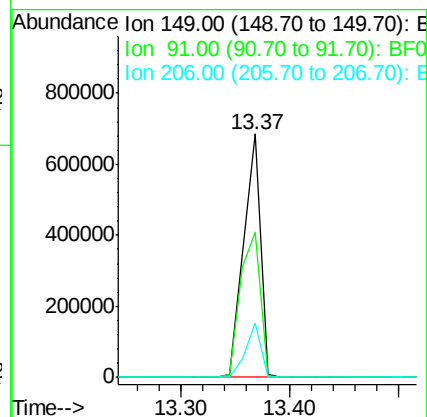
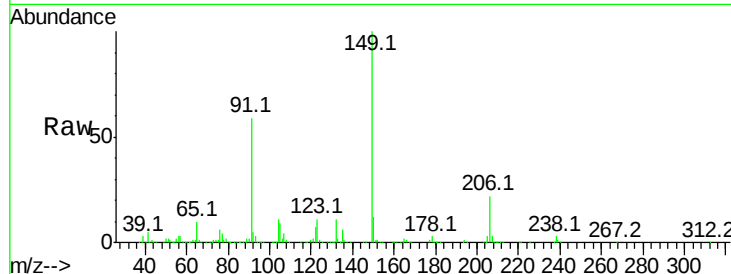
ClientSampleId :

PB97311BS

Tot Ion:	149	Resp:	721405
Ion Ratio	Lower	Upper	
149	100		
91	59.3	63.9	95.9#
206	22.5	14.6	21.8#

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#80

Benzo(a)anthracene

Concen: 37.42 ng

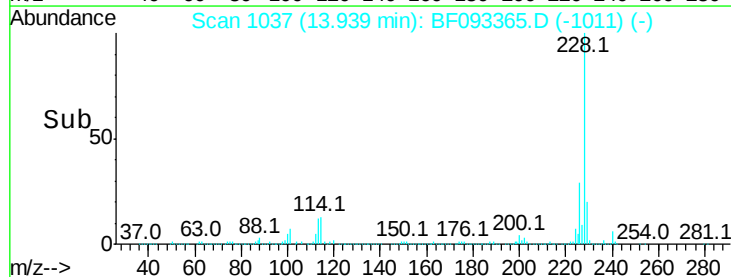
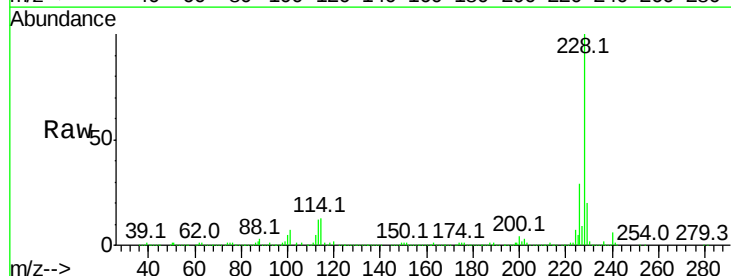
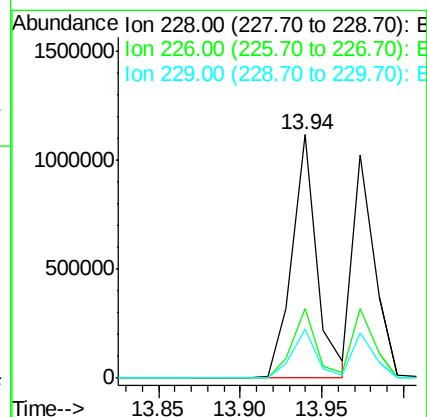
RT: 13.94 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

Tgt Ion:	228	Resp:	1196466
Ion Ratio	Lower	Upper	
228	100		
226	28.7	22.4	33.6
229	20.3	16.2	24.4





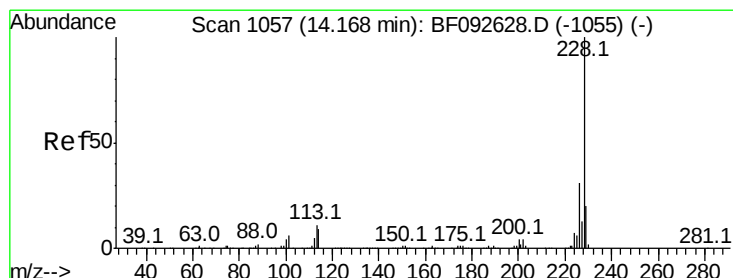
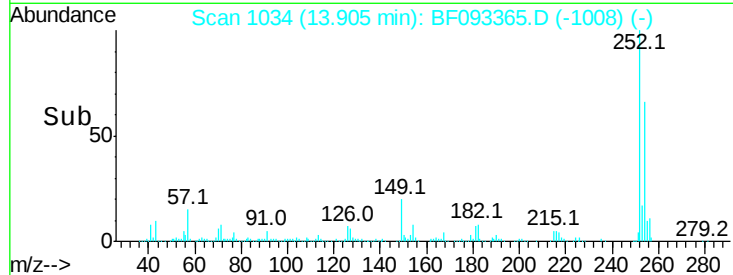
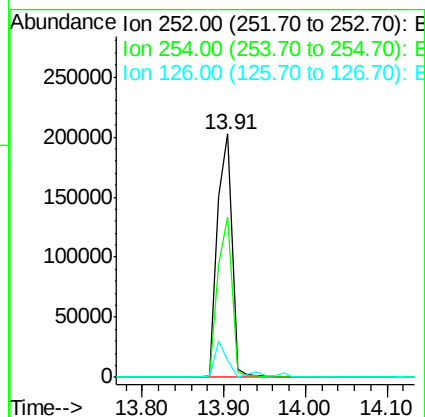
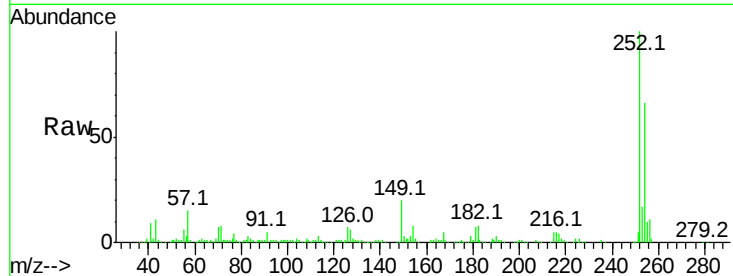
#81
 3,3'-Dichlorobenzidine
 Concen: 22.29 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF093365.D
 Acq: 3 Mar 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB97311BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	253983		
254	65.8	52.3	78.5	
126	7.0	13.6	20.4	

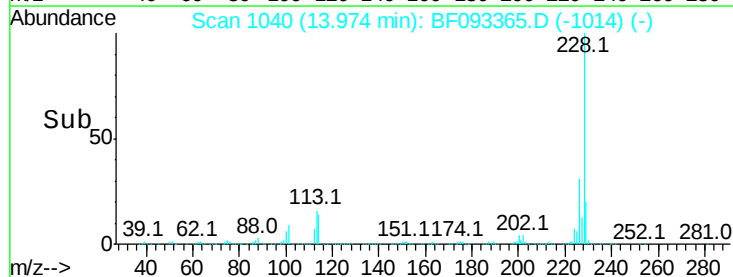
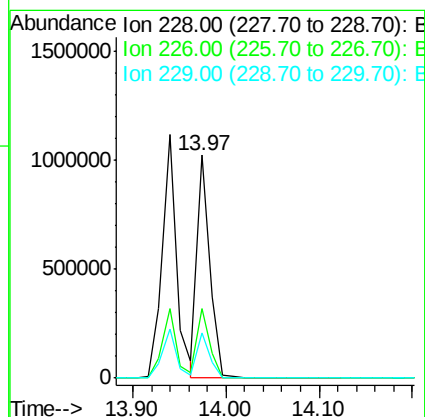
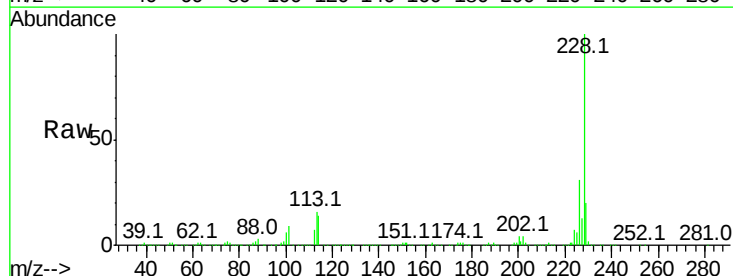
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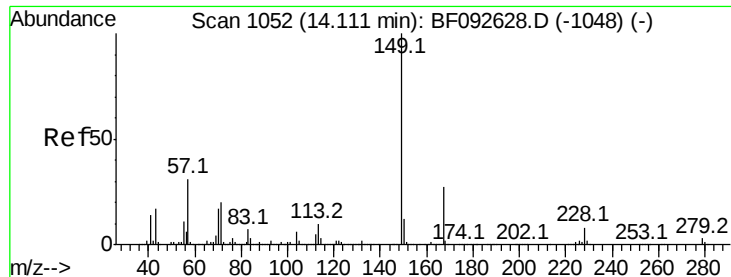
mohammad
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#82
 Chrysene
 Concen: 32.66 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF093365.D
 Acq: 3 Mar 2017 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	977591		
226	31.1	25.4	38.0	
229	20.2	16.2	24.2	





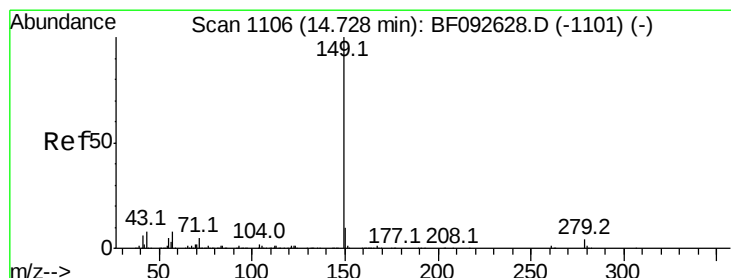
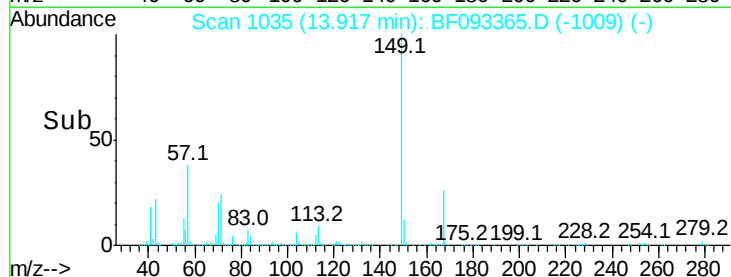
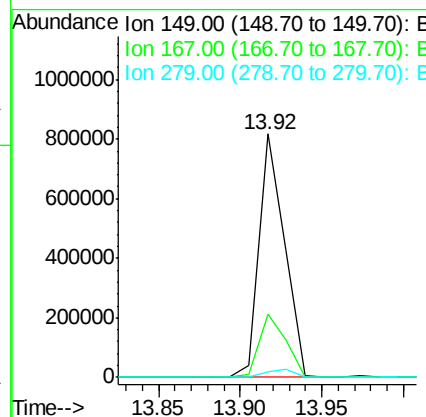
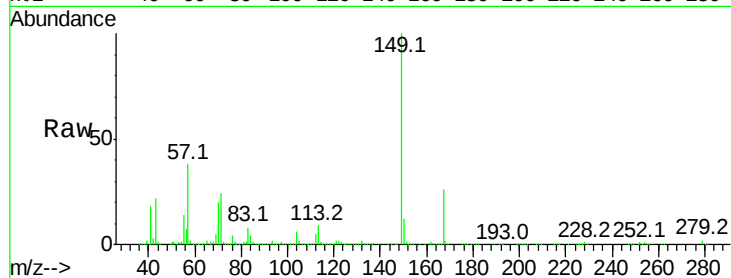
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.81 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF093365.D
 Acq: 3 Mar 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB97311BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.2	30.4
279	2.0	1.8	2.8

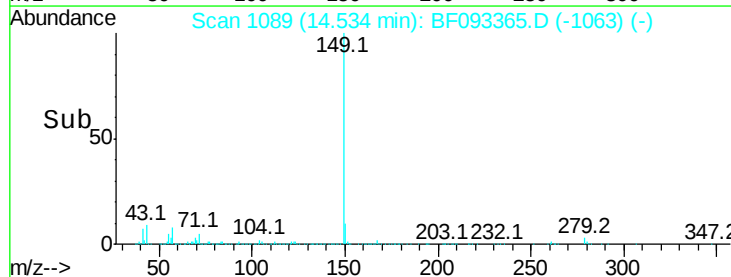
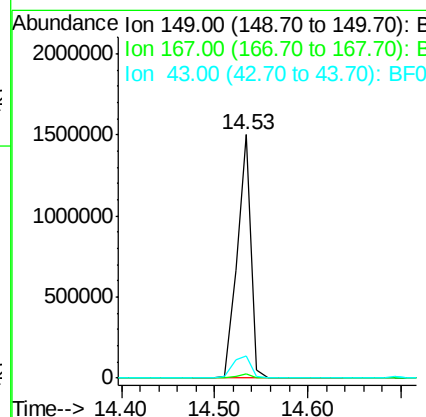
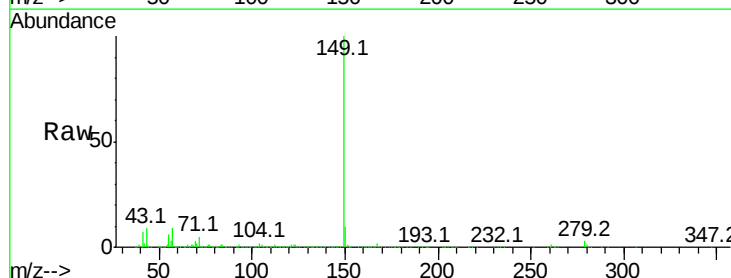
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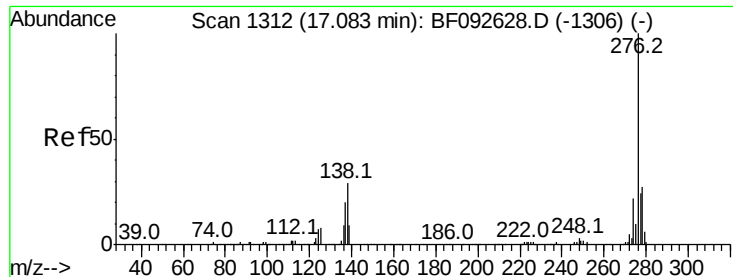
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 43.35 ng
 RT: 14.53 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BF093365.D
 Acq: 3 Mar 2017 18:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.8	8.9	13.3





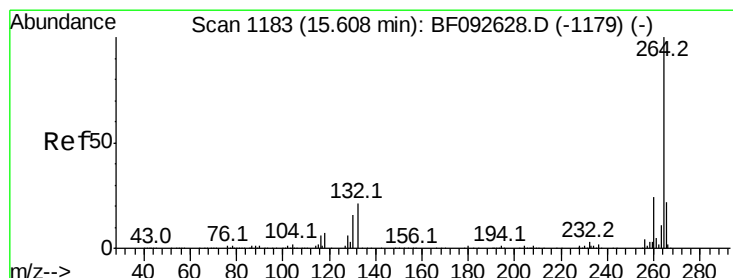
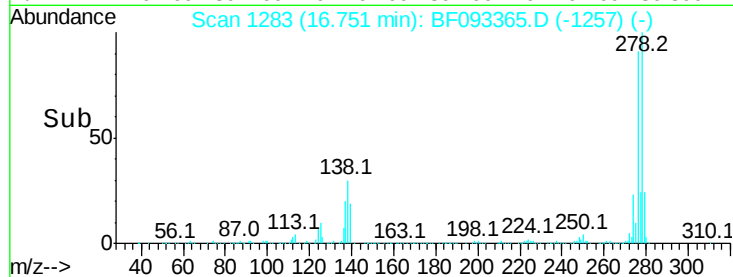
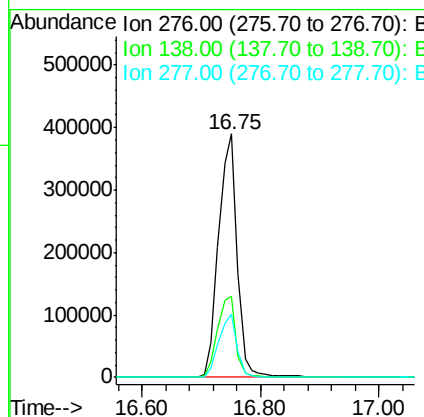
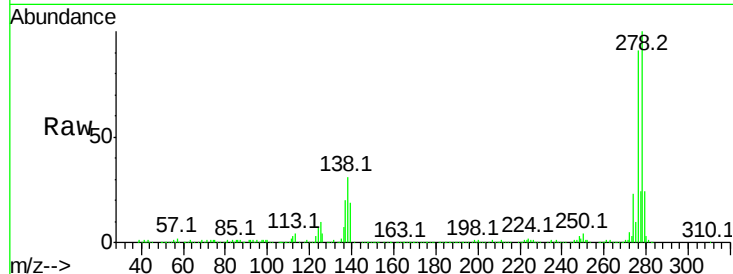
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.53 ng
RT: 16.75 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Instrument :
BNA_F
ClientSampleId :
PB97311BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.4	21.8	32.6
277	25.6	20.2	30.4

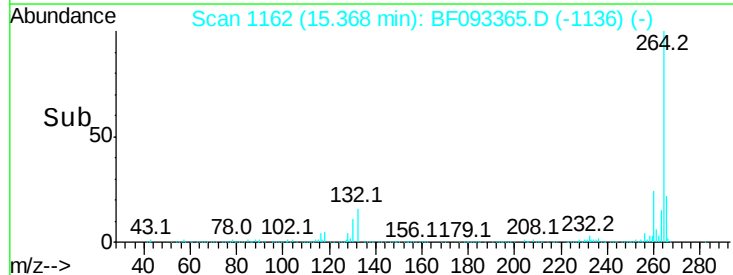
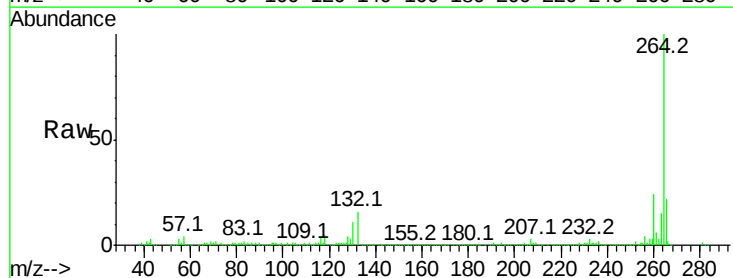
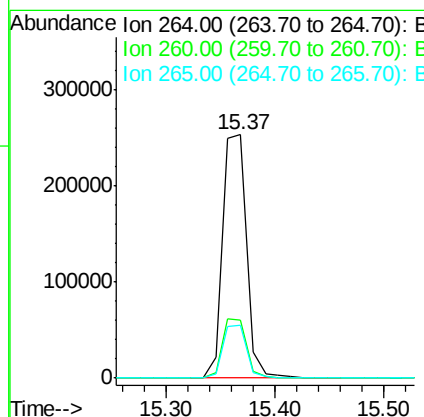
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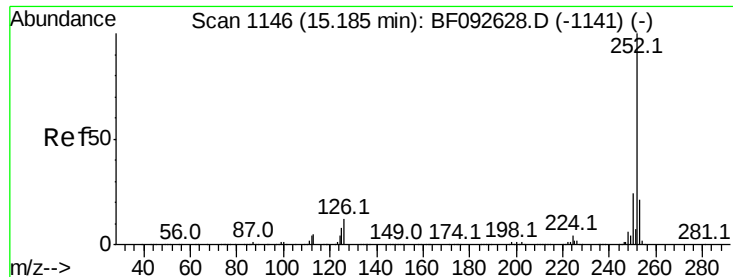
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 44.46 ng m

RT: 14.97 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB97311BS

Tot Ion:252 Resp: 1132238

Ion Ratio Lower Upper

252 100

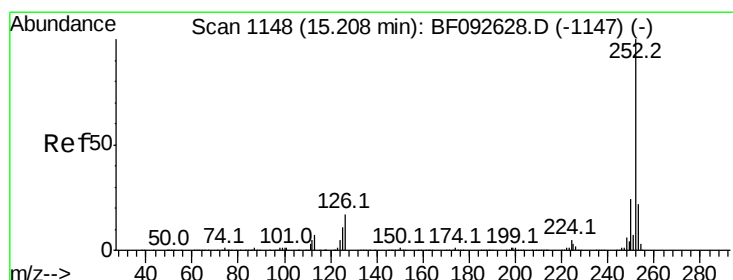
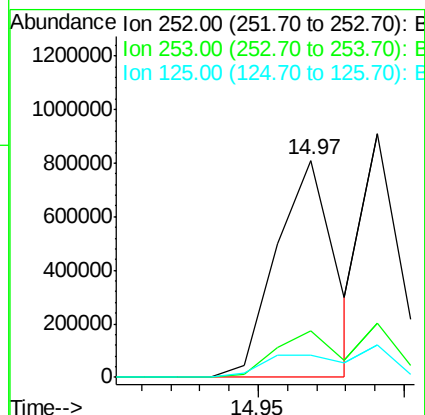
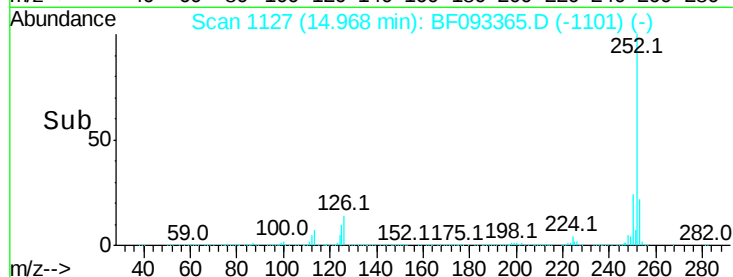
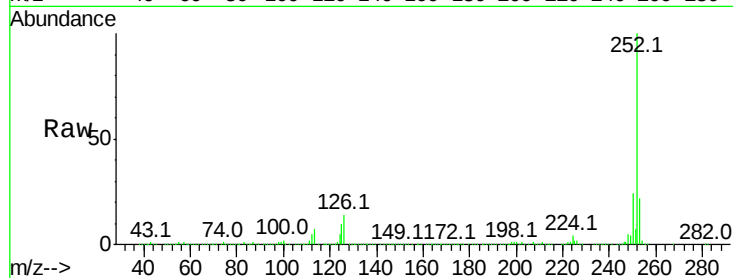
253 21.5 18.2 27.4

125 10.1 9.8 14.6

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#88

Benzo(k)fluoranthene

Concen: 36.28 ng m

RT: 14.99 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF093365.D

Acq: 3 Mar 2017 18:16

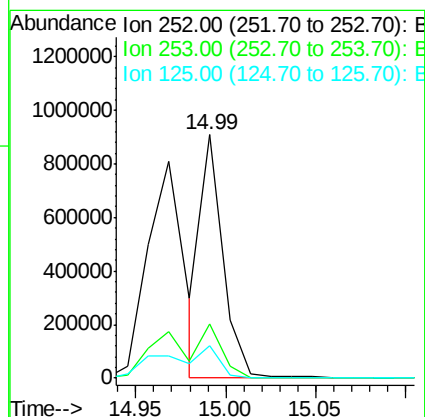
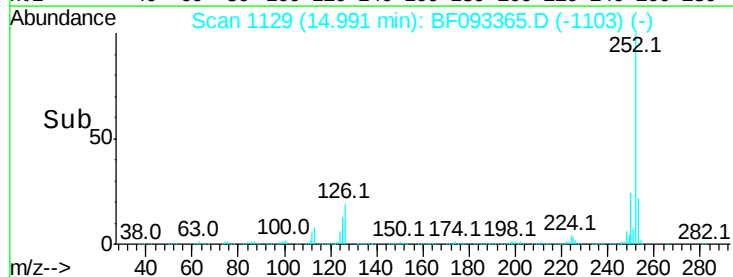
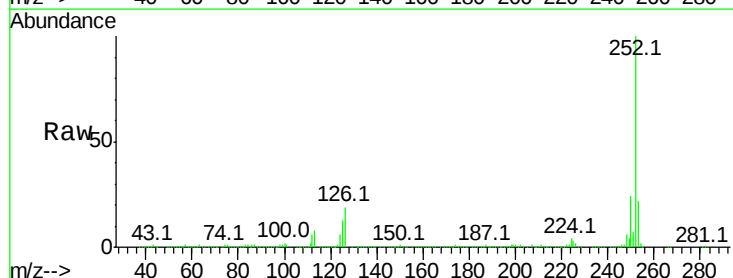
Tgt Ion:252 Resp: 797745

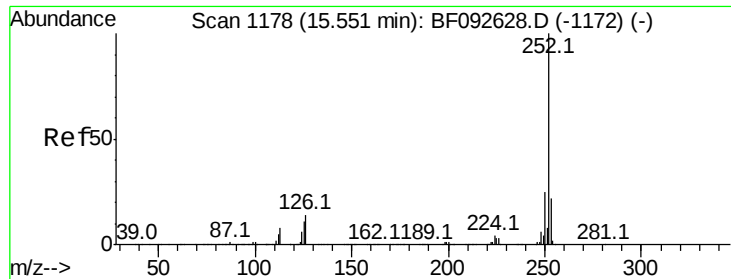
Ion Ratio Lower Upper

252 100

253 22.4 18.5 27.7

125 13.1 8.9 13.3





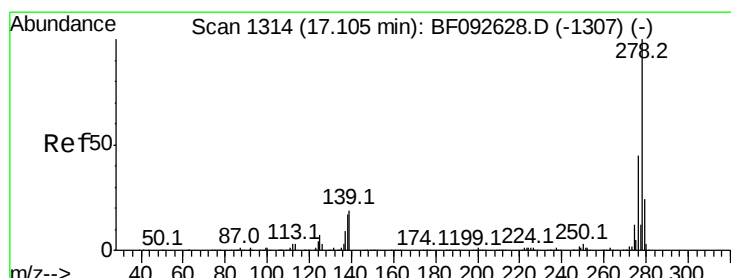
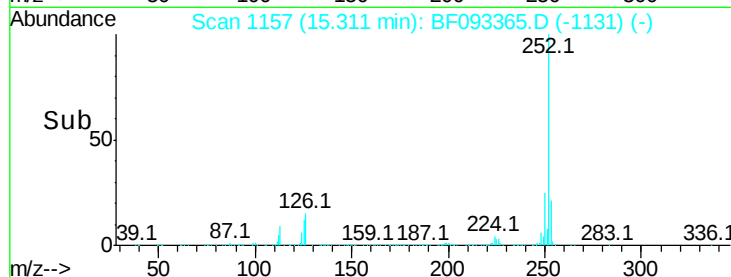
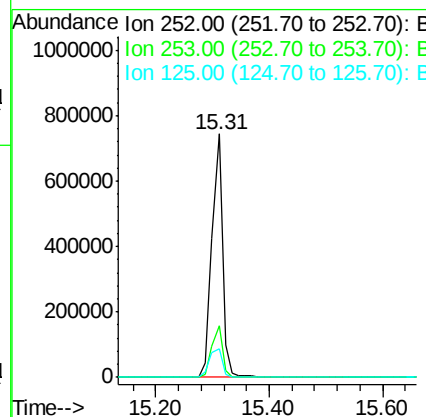
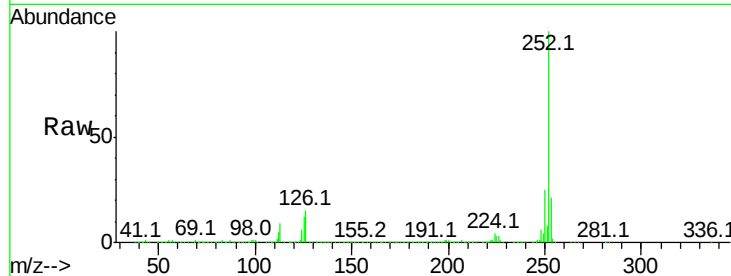
#89
Benzo(a)pyrene
Concen: 41.86 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Instrument :
BNA_F
ClientSampleId :
PB97311BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.2	27.2
125	11.7	10.0	15.0

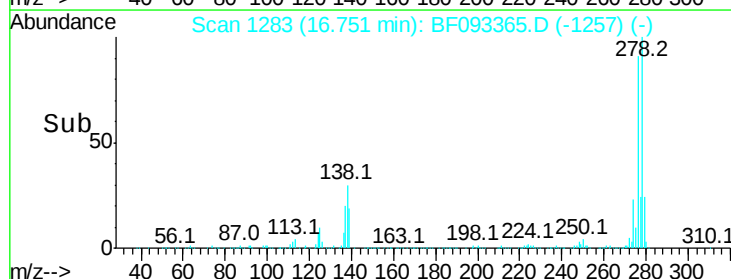
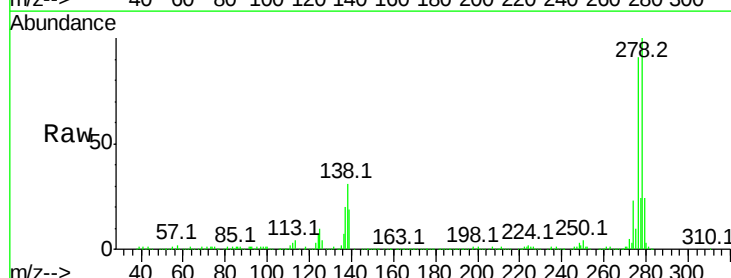
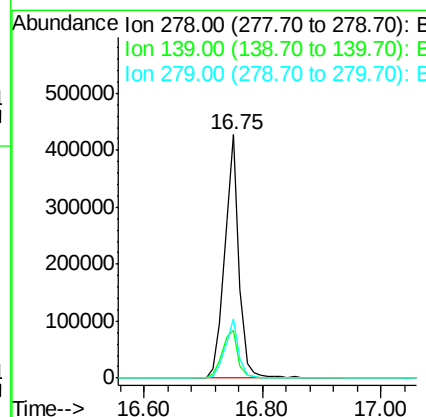
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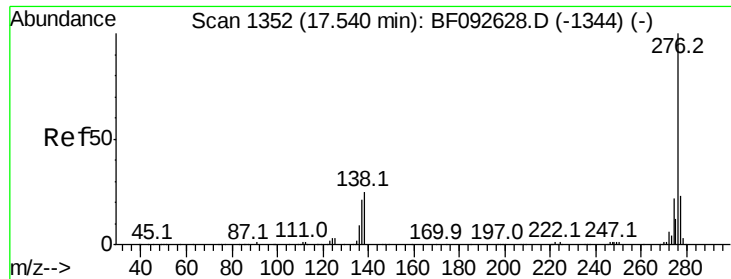
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 39.82 ng
RT: 16.75 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF093365.D
Acq: 3 Mar 2017 18:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.5	14.8	22.2
279	24.3	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 41.50 ng
 RT: 17.16 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF093365.D
 Acq: 3 Mar 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB97311BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.3	19.2	28.8
138	26.2	16.0	24.0

Manual Integrations
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