

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
 Data File : BF093316.D
 Acq On : 2 Mar 2017 11:56
 Operator : SJ/MA
 Sample : PB97255BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97255BS

Manual Integrations
 APPROVED

mohammad
 3/3/2017 5:16:22 PM

Quant Time: Mar 03 00:27:58 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 00:22:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	144639	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	529246	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	251301	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	485442	20.00	ng	0.00
75) Chrysene-d12	13.99	240	449478	20.00	ng	0.00
86) Perylene-d12	15.40	264	393040	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1007827	119.54	ng	0.00
7) Phenol-d6	6.44	99	1270974	117.17	ng	-0.01
23) Nitrobenzene-d5	7.37	82	753641	79.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	243516	133.98	ng	0.01
44) 2-Fluorobiphenyl	9.17	172	1225844	88.37	ng	0.00
78) Terphenyl-d14	12.92	244	1185758	61.99	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.38	88	154038	33.81	ng	# 81
3) Pyridine	3.08	79	437938	37.81	ng	# 80
4) n-Nitrosodimethylamine	3.04	42	209213	38.46	ng	# 81
6) Aniline	6.45	93	216479	14.63	ng	# 74
8) 2-Chlorophenol	6.58	128	347904	37.41	ng	# 88
9) Benzaldehyde	6.34	77	121626	15.65	ng	# 86
10) Phenol	6.46	94	436683	34.41	ng	# 76
11) bis(2-Chloroethyl)ether	6.53	93	370091	36.53	ng	# 93
12) 1,3-Dichlorobenzene	6.73	146	381141	34.99	ng	# 88
13) 1,4-Dichlorobenzene	6.81	146	392530	35.60	ng	# 99
14) 1,2-Dichlorobenzene	6.97	146	376933	35.75	ng	# 96
15) Benzyl Alcohol	6.94	79	288491	35.92	ng	# 95
16) 2,2'-oxybis(1-Chloropropan	7.08	45	636051	36.14	ng	# 94
17) 2-Methylphenol	7.07	107	301929	37.84	ng	# 96
18) Hexachloroethane	7.31	117	139022	36.94	ng	# 90
19) n-Nitroso-di-n-propylamine	7.22	70	289072	41.86	ng	# 97
20) 3+4-Methylphenols	7.23	107	404804	42.43	ng	# 73
22) Acetophenone	7.22	105	506828	41.94	ng	# 96
24) Nitrobenzene	7.39	77	426522	43.71	ng	# 94
25) Isophorone	7.63	82	704803	39.80	ng	# 97
26) 2-Nitrophenol	7.71	139	189256	40.80	ng	# 91
27) 2,4-Dimethylphenol	7.76	122	327804	40.24	ng	# 96
28) bis(2-Chloroethoxy)methane	7.85	93	437823	37.33	ng	# 99
29) 2,4-Dichlorophenol	7.96	162	289096	38.05	ng	# 97
30) 1,2,4-Trichlorobenzene	8.03	180	289466	35.35	ng	# 95
31) Naphthalene	8.11	128	932252	34.75	ng	# 99
32) Benzoic acid	7.90	122	170706	38.63	ng	# 89
33) 4-Chloroaniline	8.17	127	127394	12.11	ng	# 96
34) Hexachlorobutadiene	8.22	225	152227	33.79	ng	# 99
35) Caprolactam	8.54	113	99939	41.82	ng	# 46
36) 4-Chloro-3-methylphenol	8.67	107	303498	38.31	ng	# 99
37) 2-Methylnaphthalene	8.81	142	634947	36.86	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	296152	41.98	ng	# 100
40) Hexachlorocyclopentadiene	8.96	237	139263	43.76	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	190255	41.05	nq	90
43) 2,4,5-Trichlorophenol	9.15	196	188409	37.10	nq	# 82
45) 1,1'-Biphenyl	9.28	154	801592	44.05	nq	99
46) 2-Chloronaphthalene	9.30	162	589035	41.38	nq	96
47) 2-Nitroaniline	9.40	65	190598	39.82	nq	93
48) Acenaphthylene	9.71	152	940422	38.24	nq	98
49) Dimethylphthalate	9.58	163	749392	44.27	nq	99
50) 2,6-Dinitrotoluene	9.65	165	175151	47.91	nq	91
51) Acenaphthene	9.88	154	550815	37.46	nq	97
52) 3-Nitroaniline	9.82	138	77393	18.50	nq	# 75
53) 2,4-Dinitrophenol	9.94	184	112401	61.60	nq	# 58
54) Dibenzofuran	10.06	168	838144	42.62	nq	93
55) 4-Nitrophenol	10.01	139	182554	60.59	nq	94
56) 2,4-Dinitrotoluene	10.06	165	208502	42.84	nq	88
57) Fluorene	10.41	166	682497	45.11	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.19	232	160835	47.47	nq	92
59) Diethylphthalate	10.28	149	740611	46.43	nq	99
60) 4-Chlorophenyl-phenylether	10.40	204	302694	41.65	nq	88
61) 4-Nitroaniline	10.44	138	185587	43.31	nq	86
62) Azobenzene	10.56	77	799154	48.49	nq	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	102592	35.46	nq	# 71
65) n-Nitrosodiphenylamine	10.52	169	608398	39.23	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	184183	36.32	nq	93
67) Hexachlorobenzene	10.96	284	174574	34.83	nq	# 87
68) Atrazine	11.05	200	194929	39.17	nq	99
69) Pentachlorophenol	11.16	266	145389	58.34	nq	97
70) Phenanthrene	11.37	178	941712	33.86	nq	98
71) Anthracene	11.42	178	1089520	39.01	nq	97
72) Carbazole	11.58	167	971464	36.39	nq	98
73) Di-n-butylphthalate	11.90	149	1112868	38.54	nq	# 98
74) Fluoranthene	12.56	202	1015631	35.40	nq	99
76) Benzidine	12.68	184	250034	13.05	nq	97
77) Pyrene	12.78	202	1073922	31.93	nq	99
79) Butylbenzylphthalate	13.40	149	517252	37.87	nq	# 71
80) Benzo(a)anthracene	13.97	228	945350	34.39	nq	98
81) 3,3'-Dichlorobenzidine	13.93	252	192263	19.62	nq	97
82) Chrysene	14.01	228	887539	34.48	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	720495	38.57	nq	97
84) Di-n-octyl phthalate	14.56	149	1188733	39.08	nq	98
85) Indeno(1,2,3-cd)pyrene	16.80	276	753613	37.80	nq	95
87) Benzo(b)fluoranthene	14.99	252	1066388m	41.22	nq	
88) Benzo(k)fluoranthene	15.03	252	632998m	28.34	nq	
89) Benzo(a)pyrene	15.35	252	821531	36.71	nq	99
90) Dibenzo(a,h)anthracene	16.80	278	634692	35.09	nq	95
91) Benzo(g,h,i)perylene	17.21	276	624194	34.16	nq	# 90

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

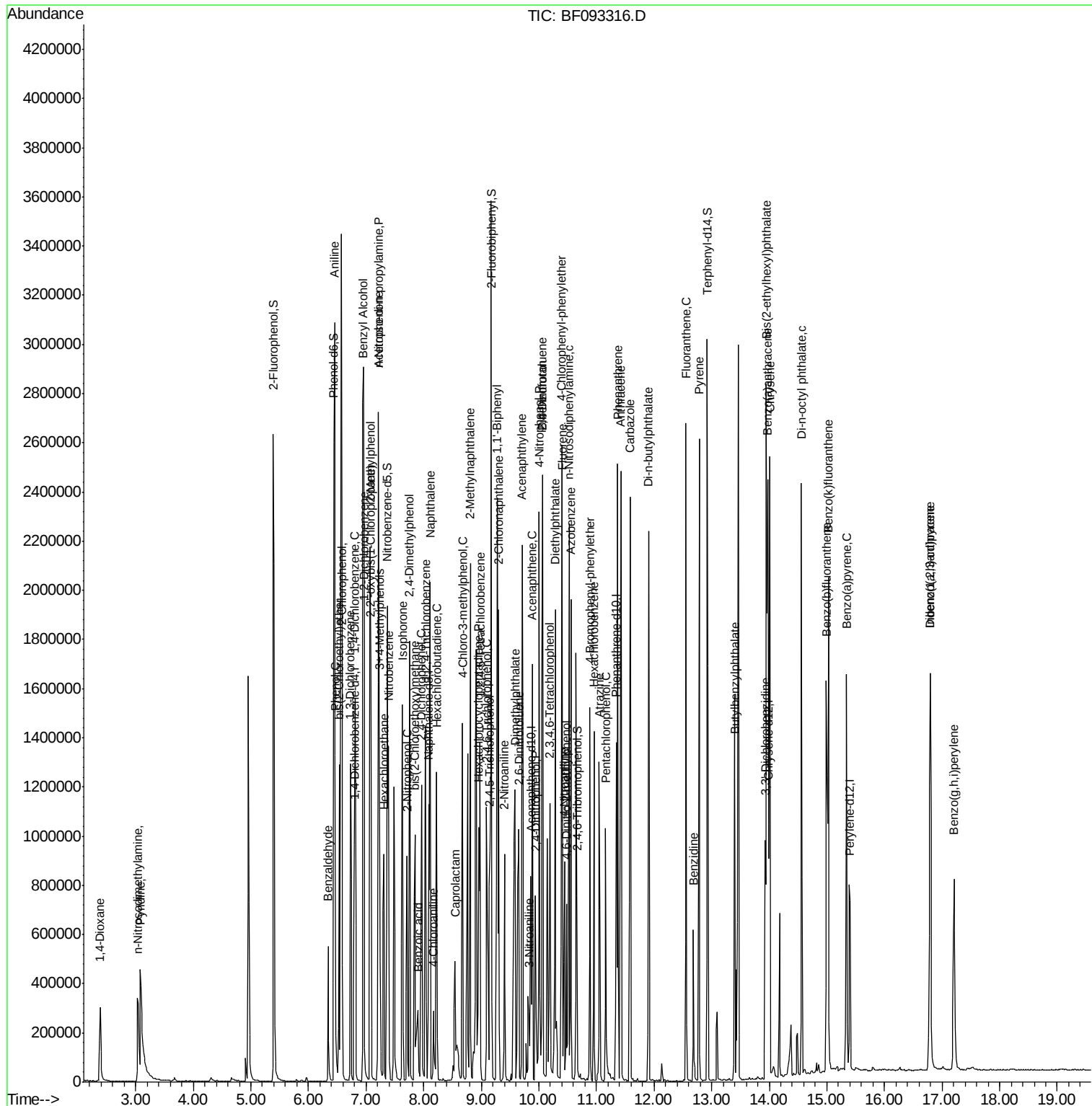
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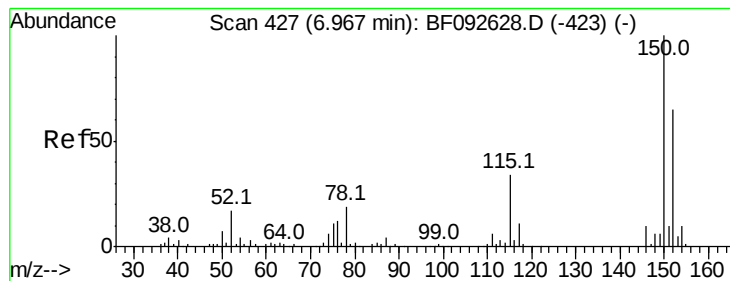
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Instrument :

BNA_F

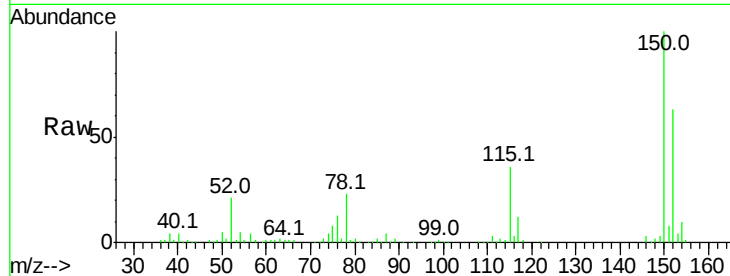
ClientSampleId :

PB97255BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.9	187.3
115	56.5	46.0	69.0

Manual Integrations
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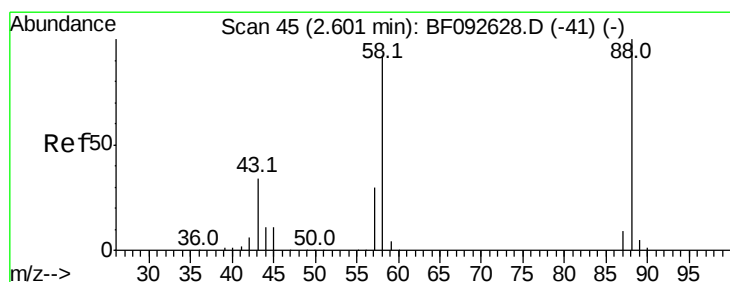
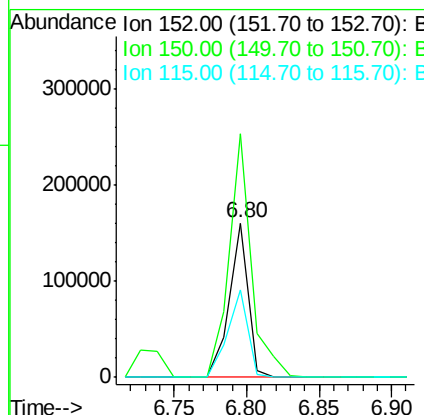
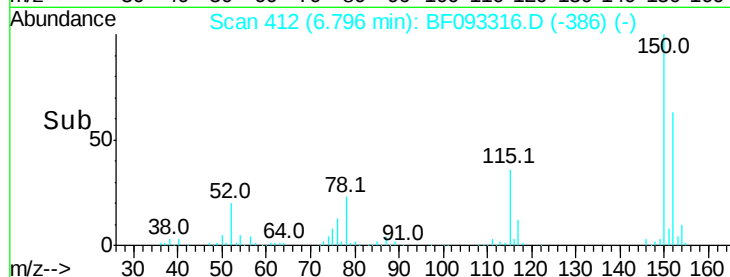
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.81 ng

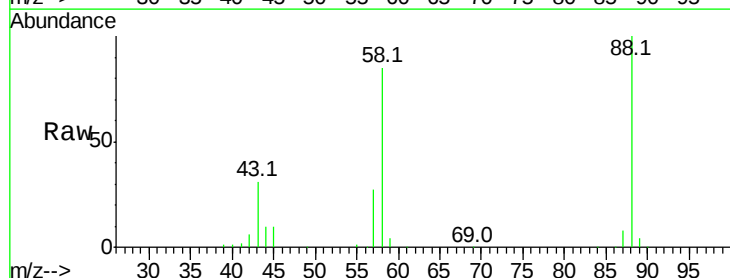
RT: 2.38 min Scan# 26

Delta R.T. 0.07 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

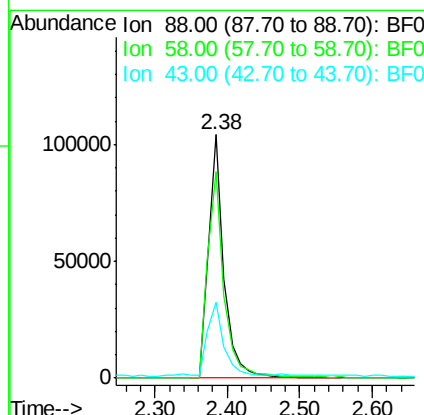
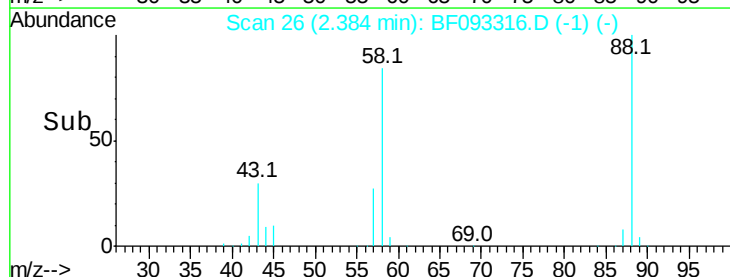
Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.2	57.8	86.8#
43	33.4	22.3	33.5

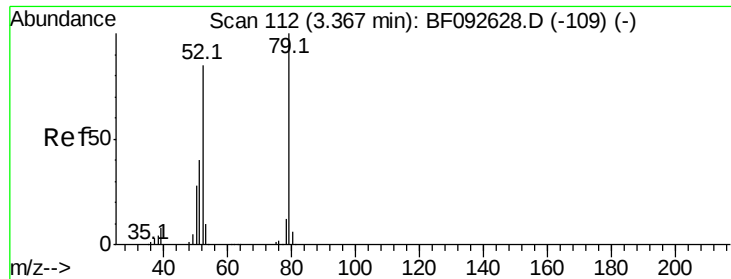


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.81 ng

RT: 3.08 min Scan# 87

Delta R.T. 0.07 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Instrument :

BNA_F

ClientSampleId :

PB97255BS

Tot Ion: 79 Resp: 437938

Ion Ratio Lower Upper

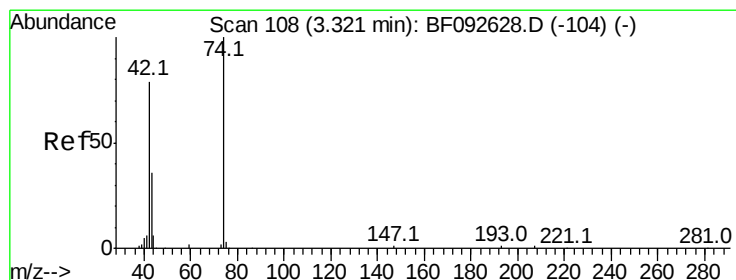
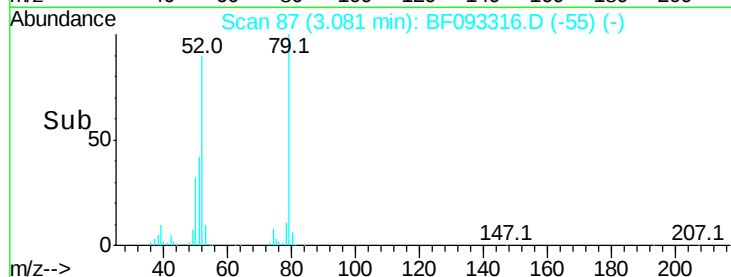
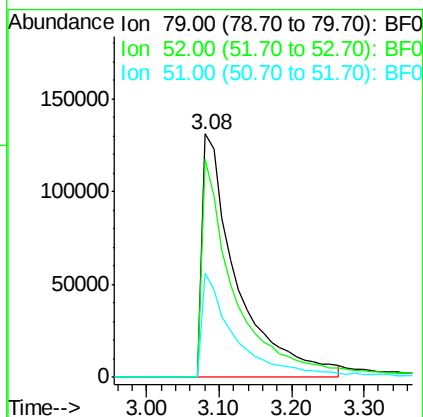
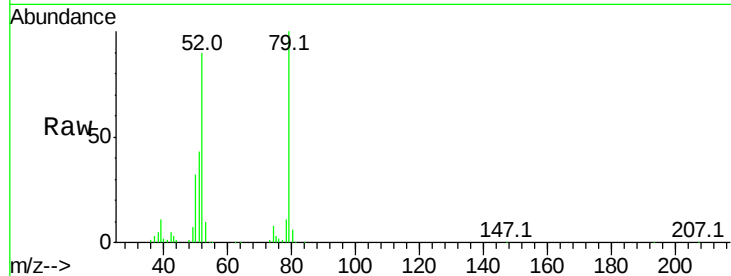
79 100

52 89.6 57.1 85.7#

51 42.5 27.3 40.9#

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#4

n-Nitrosodimethylamine

Concen: 38.46 ng

RT: 3.04 min Scan# 83

Delta R.T. 0.06 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

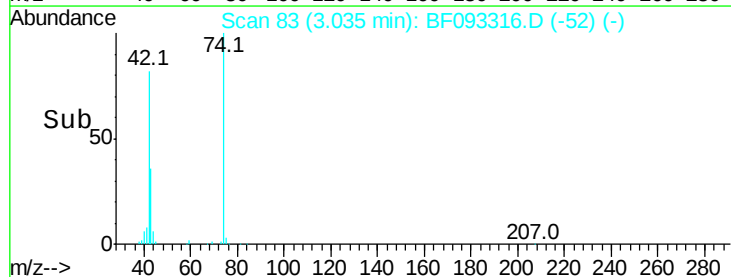
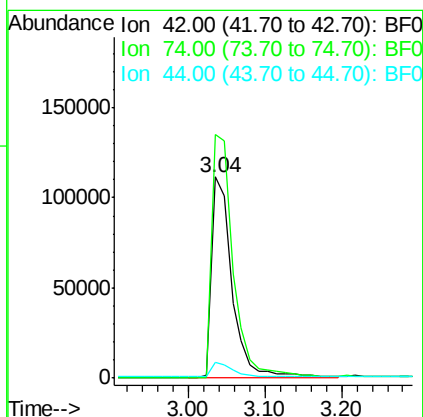
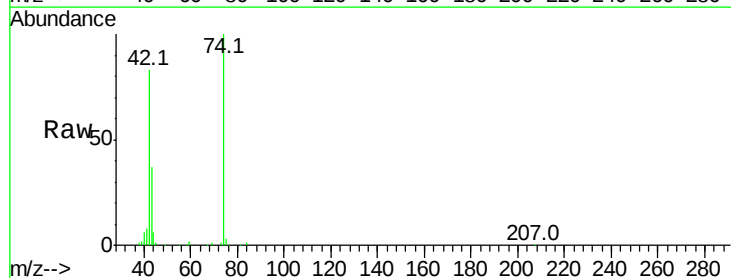
Tgt Ion: 42 Resp: 209213

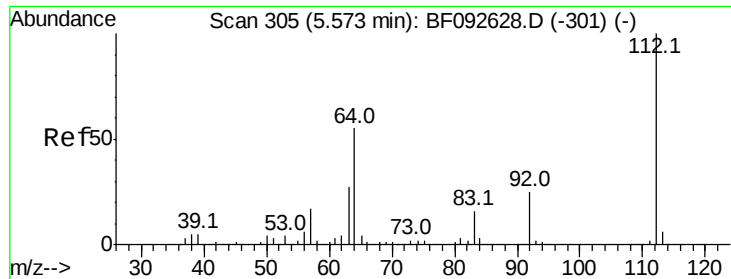
Ion Ratio Lower Upper

42 100

74 121.1 117.0 175.4

44 7.8 5.5 8.3





#5

2-Fluorophenol

Concen: 119.54 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.00 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Instrument :

BNA_F

ClientSampleId :

PB97255BS

Tot Ion:112 Resp: 1007827

Ion Ratio Lower Upper

112 100

64 73.3 46.1 69.1#

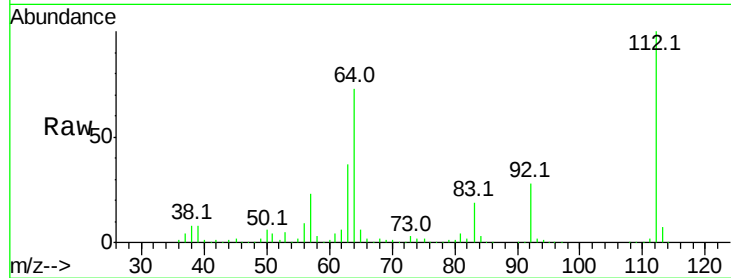
63 37.4 23.8 35.6#

Manual Integrations

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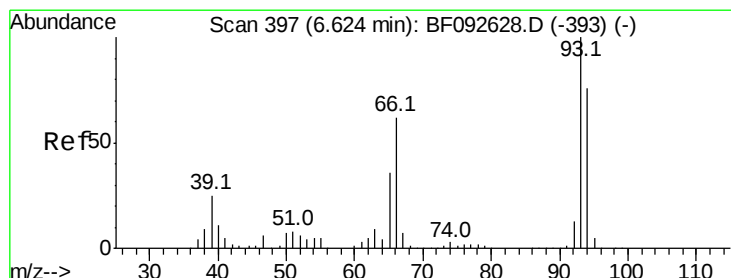
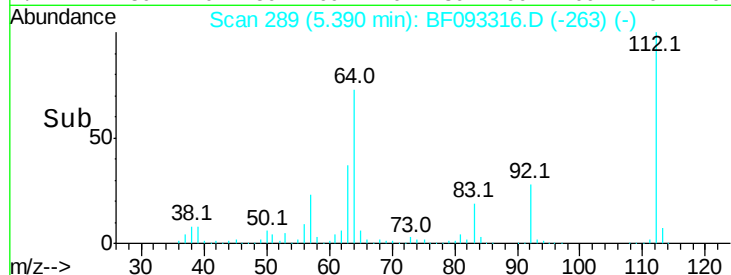
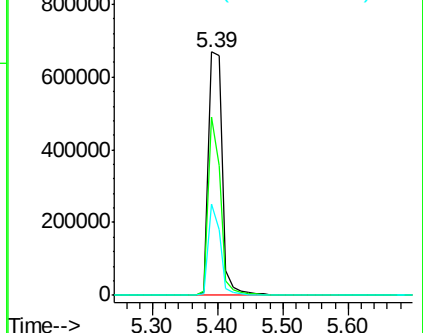
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.63 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

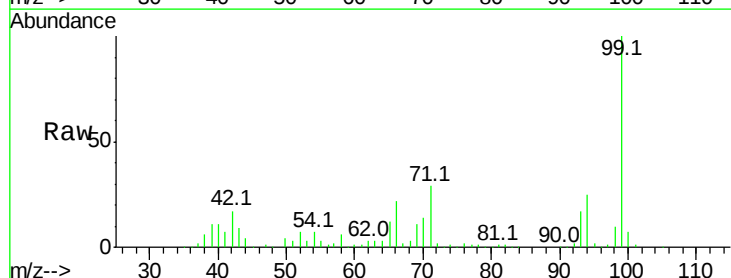
Tgt Ion: 93 Resp: 216479

Ion Ratio Lower Upper

93 100

66 128.5 76.2 114.2#

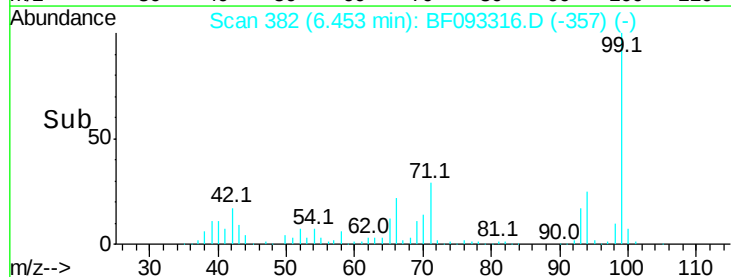
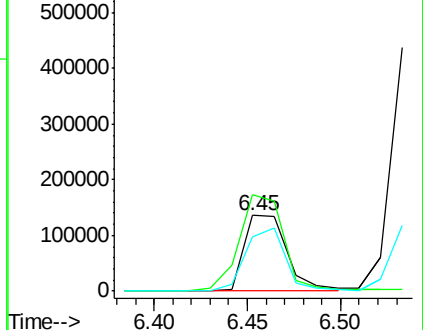
65 72.3 49.3 73.9

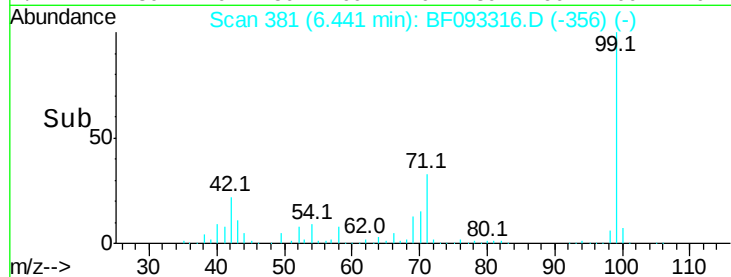
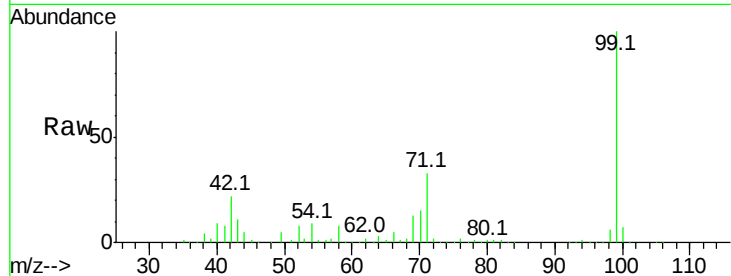
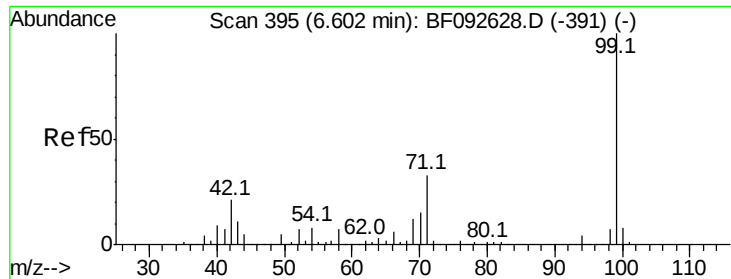


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.17 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Tot Ion: 99 Resp: 1270974

Ion Ratio Lower Upper

99 100

42 22.1 15.6 23.4

71 33.3 27.5 41.3

Instrument :

BNA_F

ClientSampled :

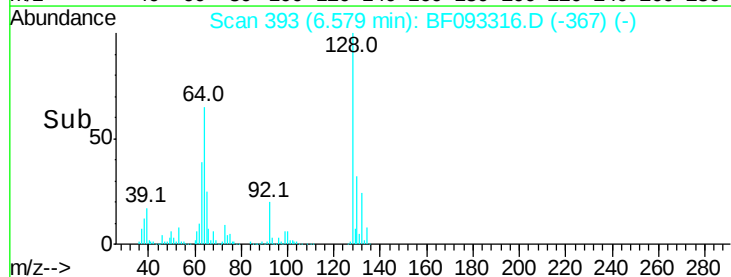
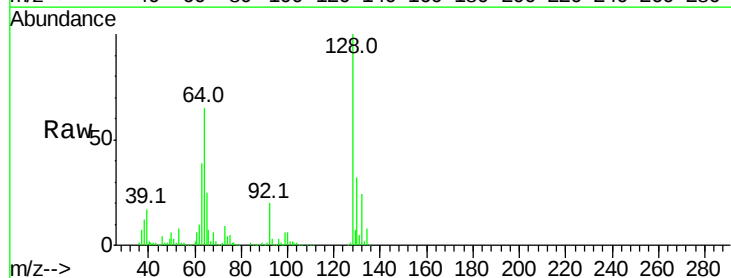
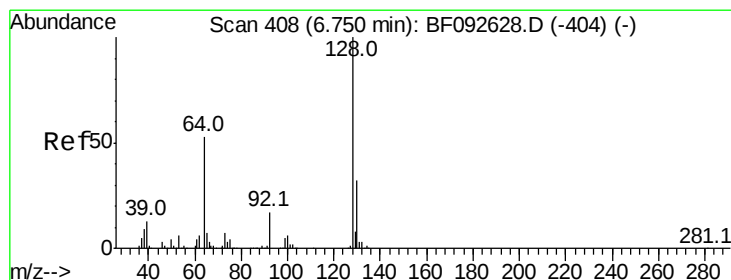
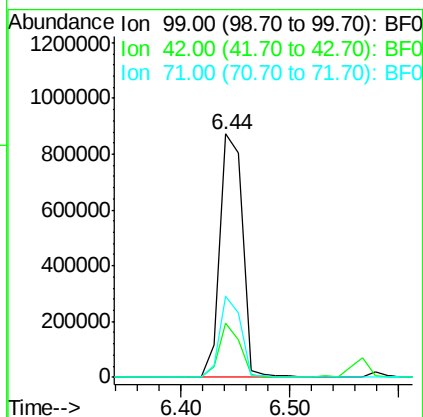
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#8

2-Chlorophenol

Concen: 37.41 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

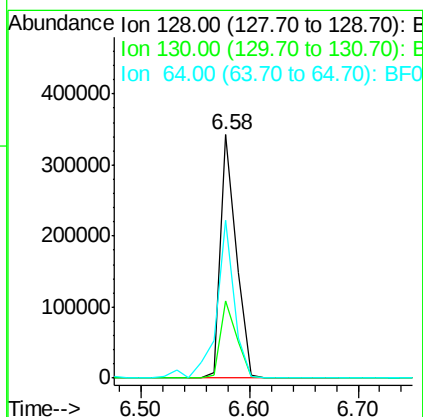
Tgt Ion:128 Resp: 347904

Ion Ratio Lower Upper

128 100

130 31.7 12.3 52.3

64 65.0 32.2 72.2





#9

Benzaldehyde

Concen: 15.65 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Instrument :

BNA_F

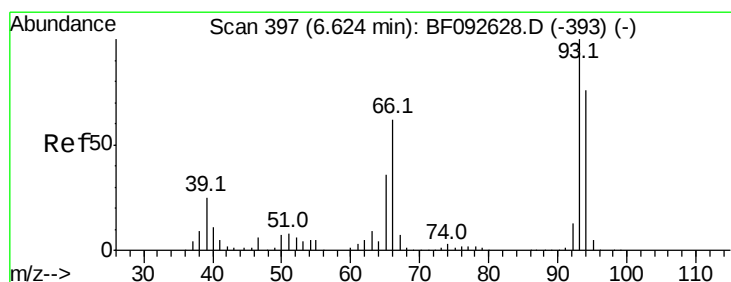
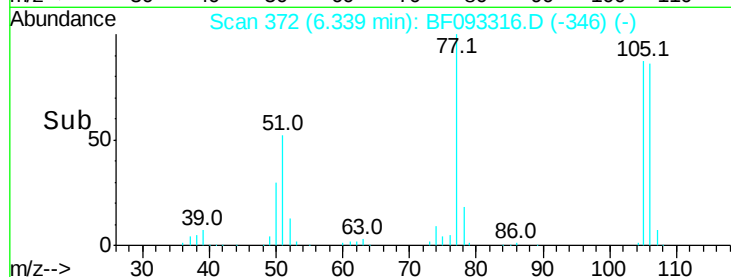
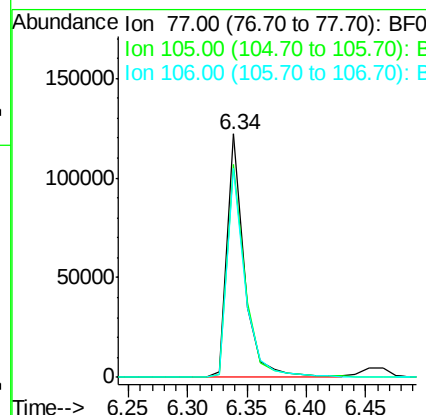
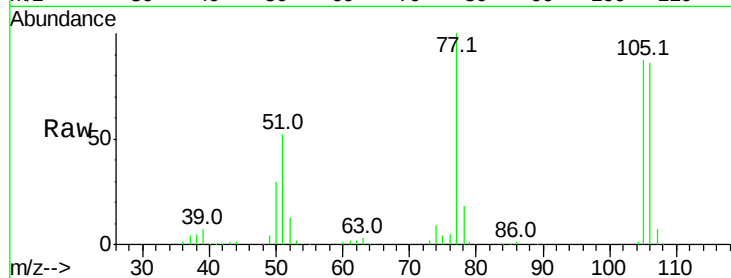
ClientSampleId :

PB97255BS

Tot Ion:	77	Resp:	121626
Ion Ratio	Lower	Upper	
77	100		
105	87.3	83.9	123.9
106	85.7	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 34.41 ng

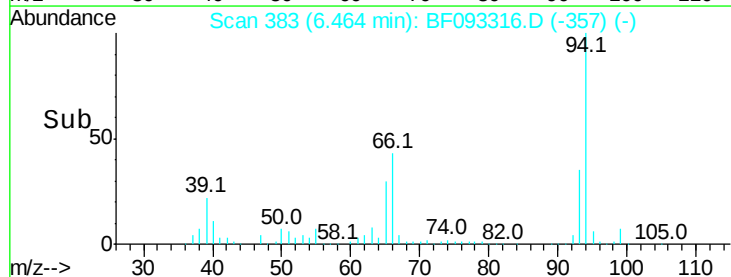
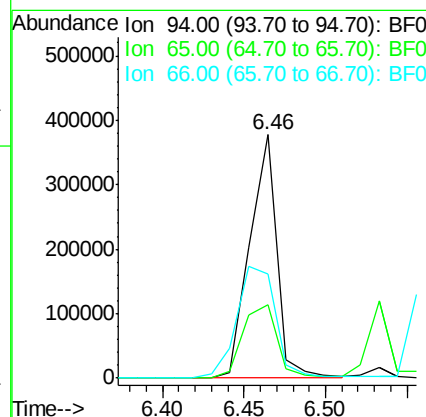
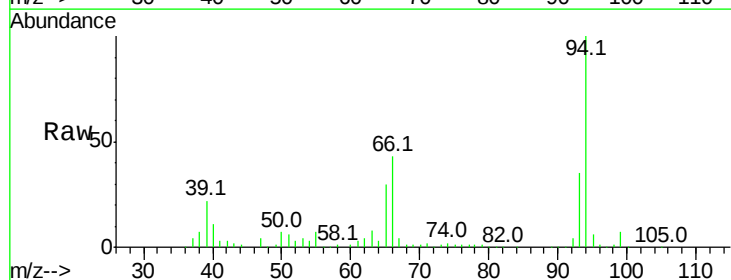
RT: 6.46 min Scan# 383

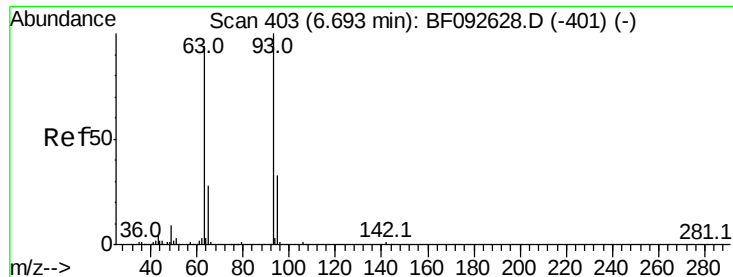
Delta R.T. -0.00 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Tgt Ion:	94	Resp:	436683
Ion Ratio	Lower	Upper	
94	100		
65	30.1	21.4	61.4
66	42.6	44.0	84.0#





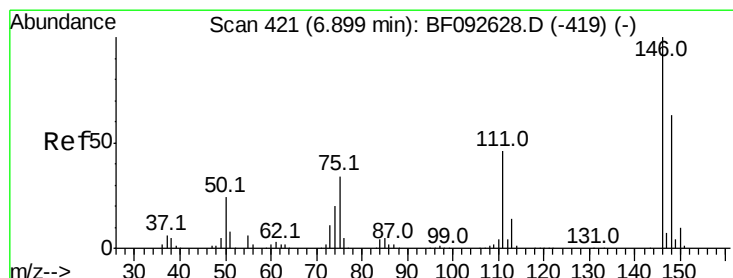
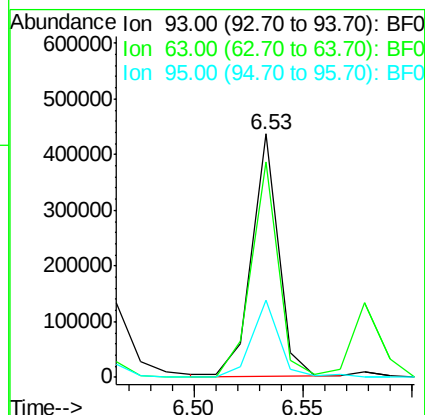
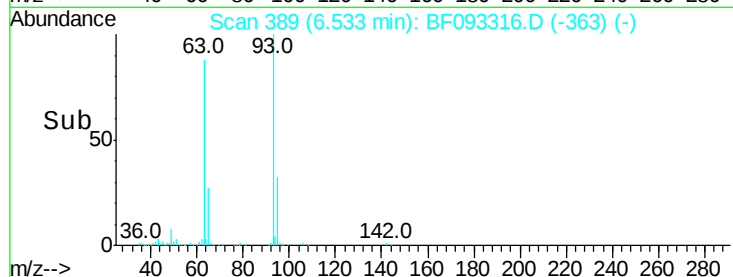
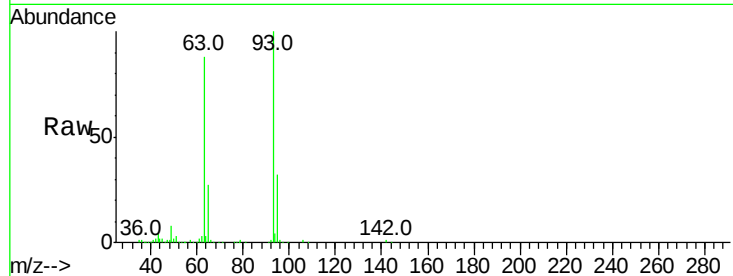
#11
bis(2-Chloroethyl)ether
Concen: 36.53 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampled :
PB97255BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.4	60.4	100.4
95	31.9	12.8	52.8

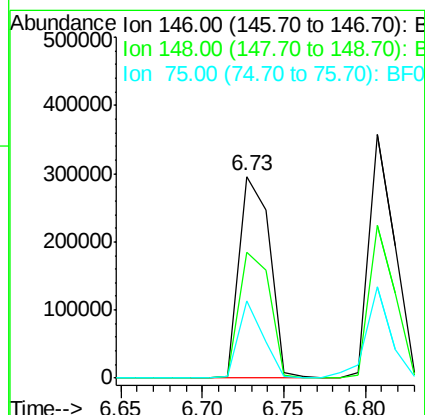
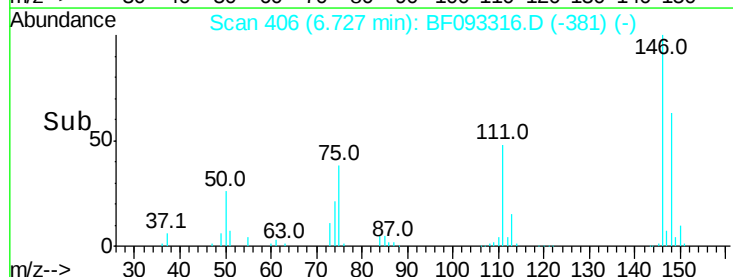
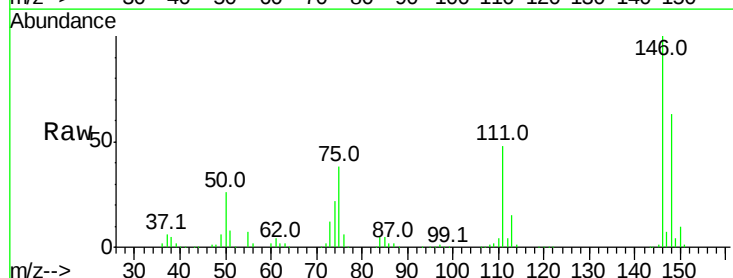
Manual Integrations
APPROVED

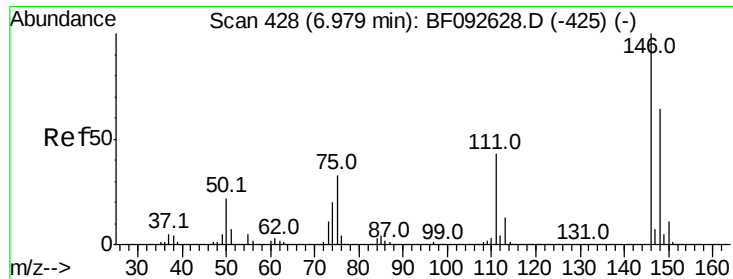
mohammad
3/3/2017 5:16:22 PM



#12
1,3-Dichlorobenzene
Concen: 34.99 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	53.4	80.0
75	38.2	18.5	27.7#





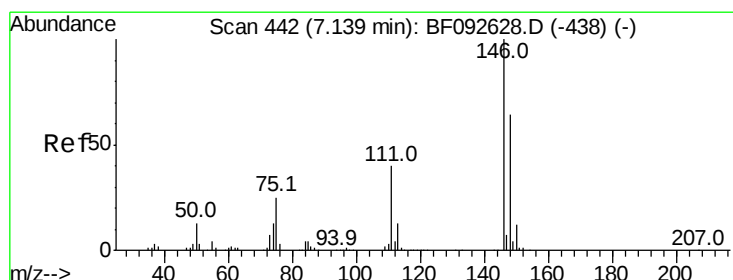
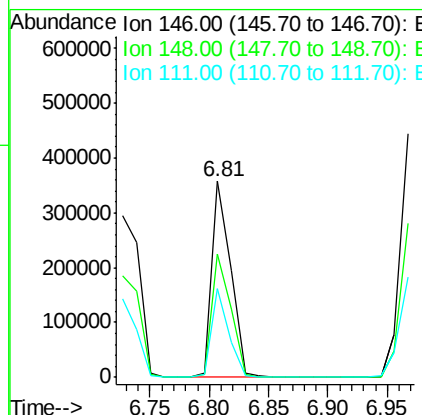
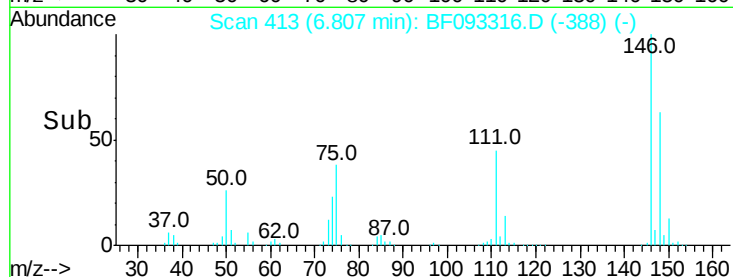
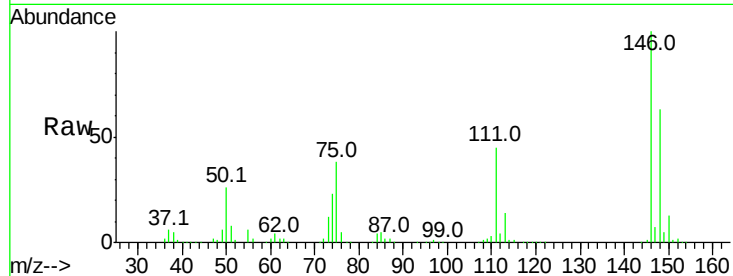
#13
 1,4-Dichlorobenzene
 Concen: 35.60 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Instrument :
 BNA_F
 ClientSampleID :
 PB97255BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	76.0
111	45.0	36.2	54.4

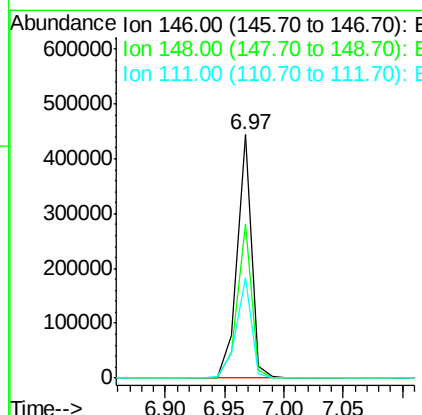
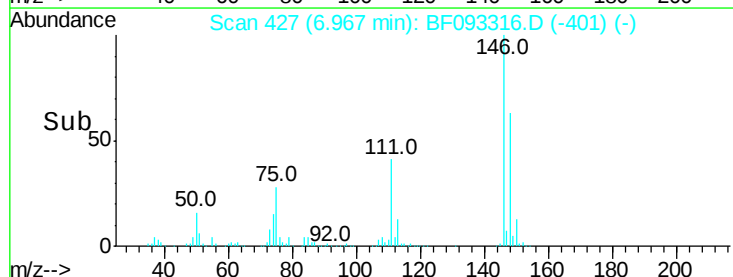
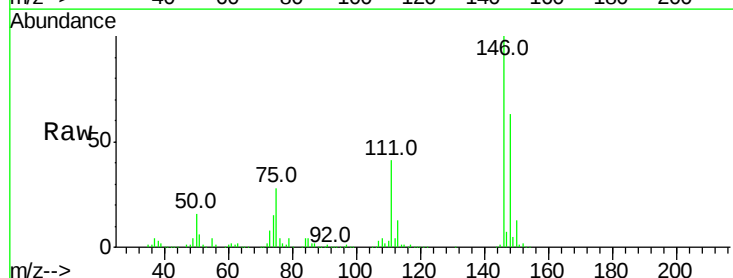
Manual Integrations
 APPROVED

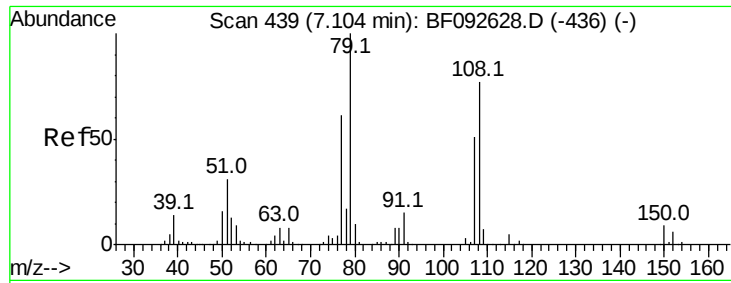
mohammad
 3/3/2017 5:16:22 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.75 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.2	78.2
111	41.1	36.2	54.2





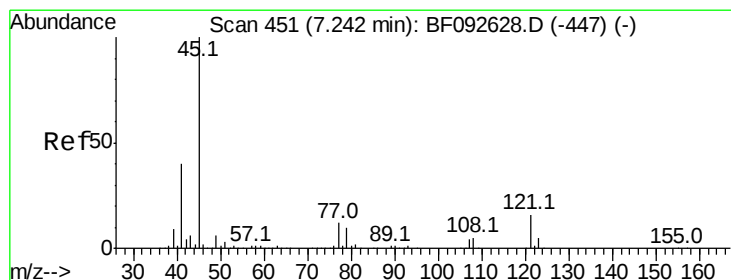
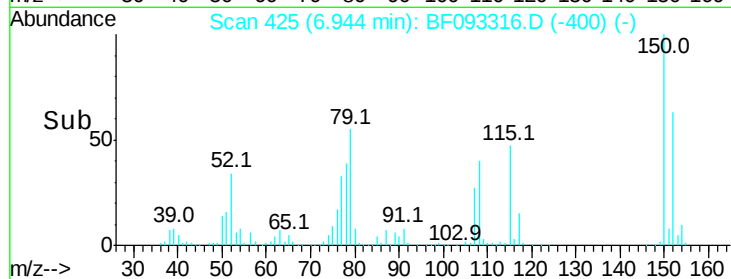
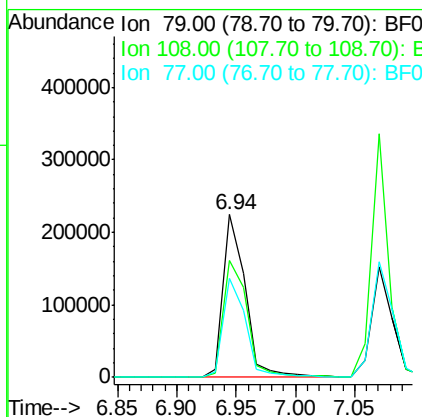
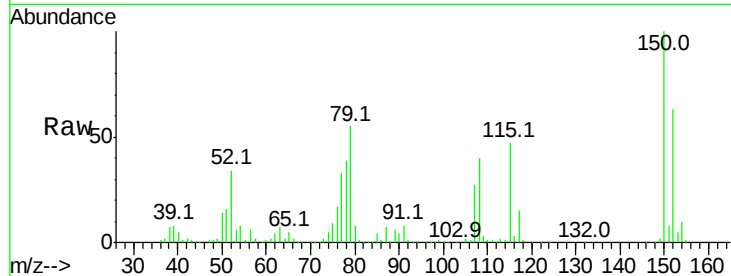
#15
Benzyl Alcohol
Concen: 35.92 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.8	61.4	92.0
77	60.4	50.9	76.3

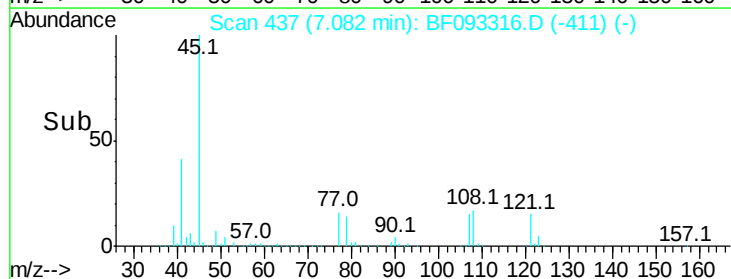
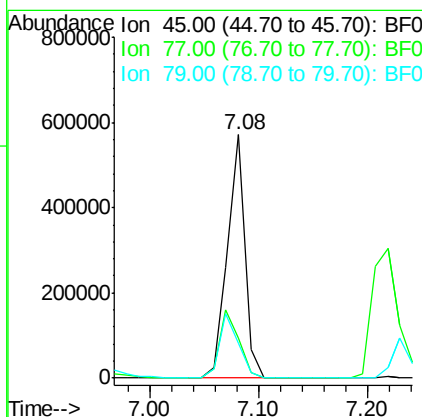
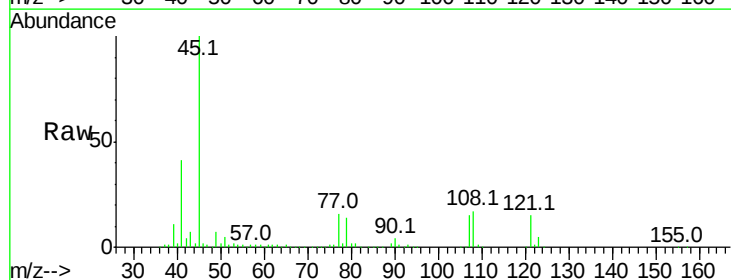
Manual Integrations
APPROVED

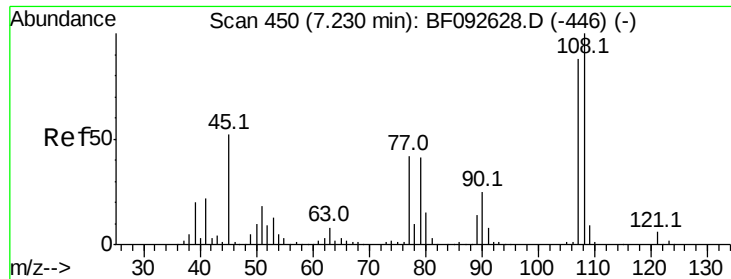
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.14 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	34.6
79	14.3	0.0	31.2





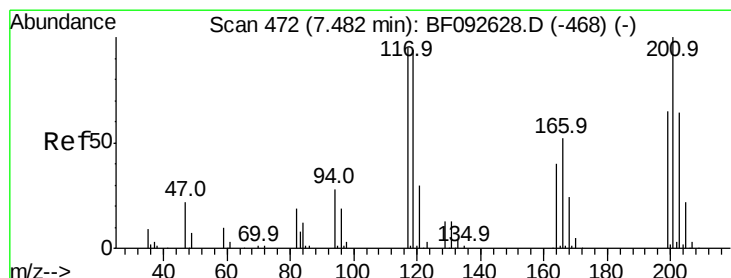
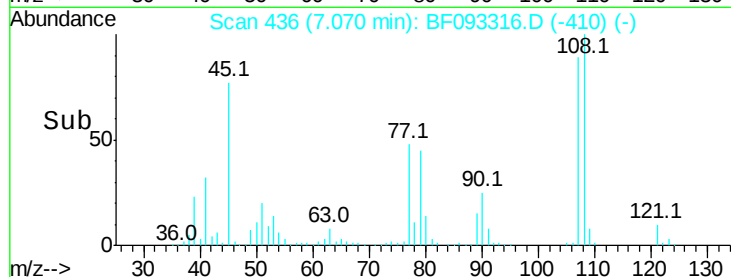
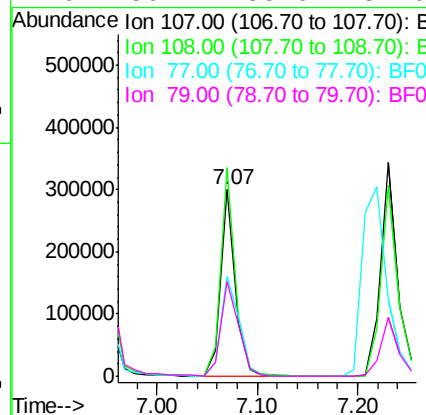
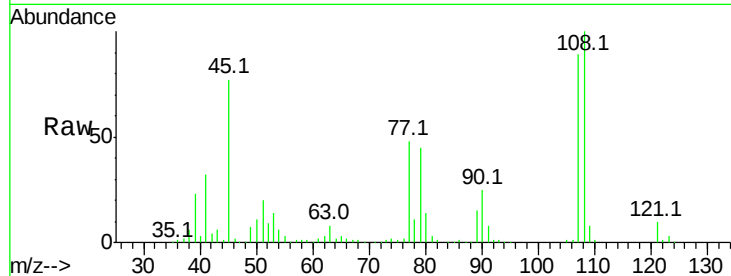
#17
2-Methylphenol
Concen: 37.84 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.9	93.0	139.6
77	53.2	39.8	59.8
79	50.7	38.0	57.0

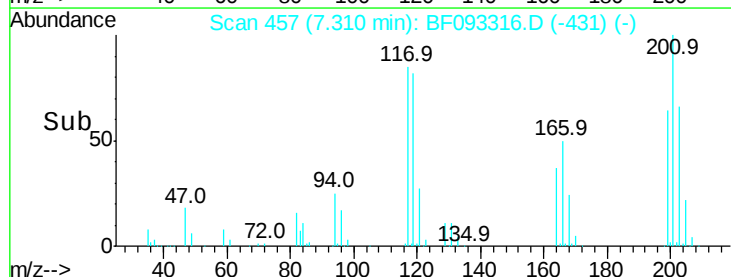
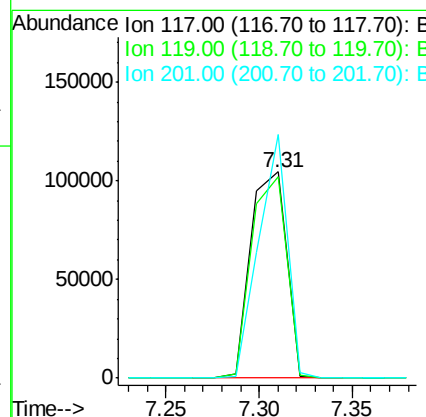
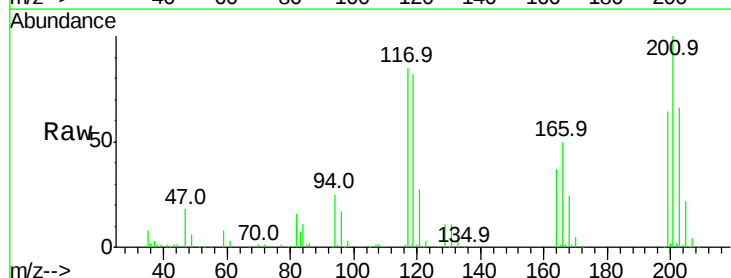
Manual Integrations
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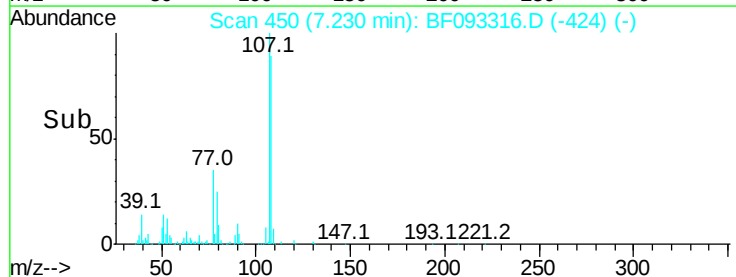
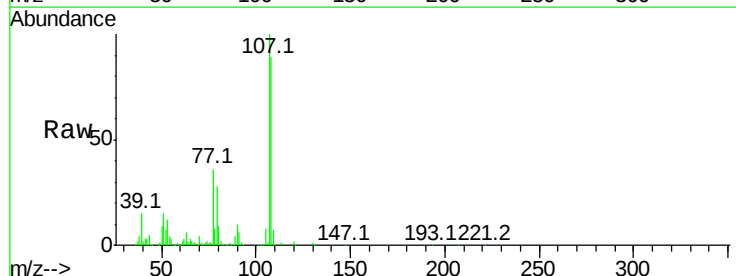
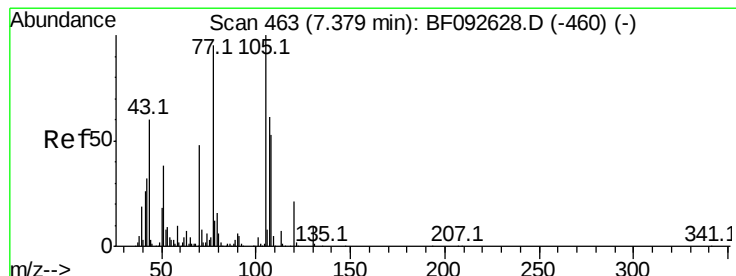
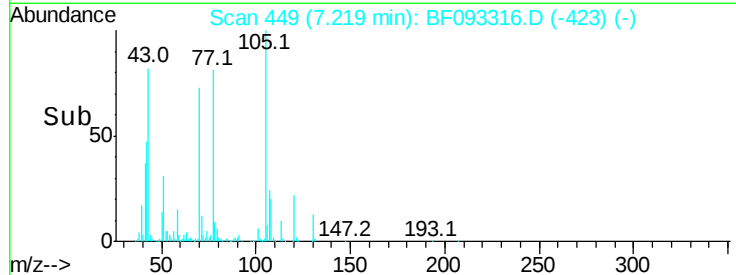
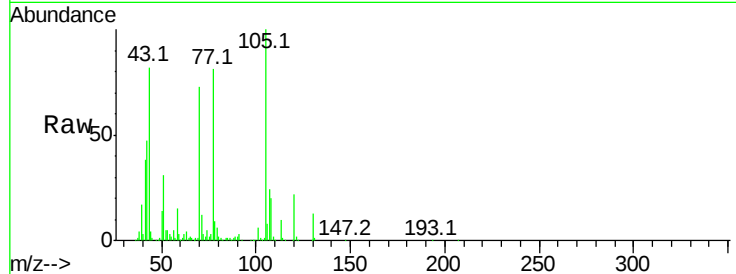
mohammad
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#18
Hexachloroethane
Concen: 36.94 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

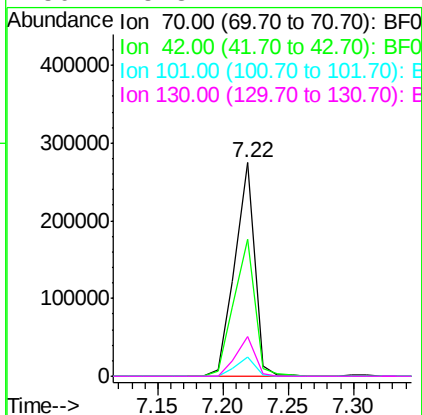
Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	78.1	117.1
201	118.1	78.6	117.8#





#19
n-Nitroso-di-n-propylamine
Concen: 41.86 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.3	49.4	74.0
101	8.7	7.4	11.2
130	18.3	14.2	21.4



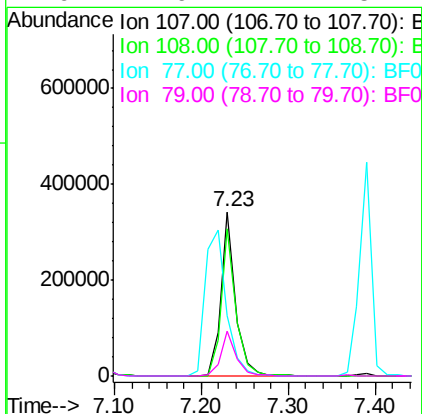
Instrument :
BNA_F
ClientSampleId :
PB97255BS

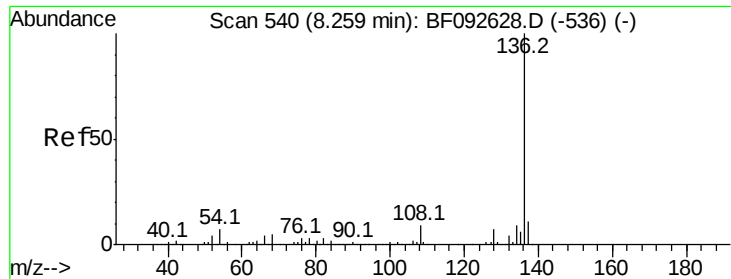
Manual Integrations
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#20
3+4-Methylphenols
Concen: 42.43 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	73.0	113.0
77	36.2	71.3	111.3#
79	27.6	11.1	51.1





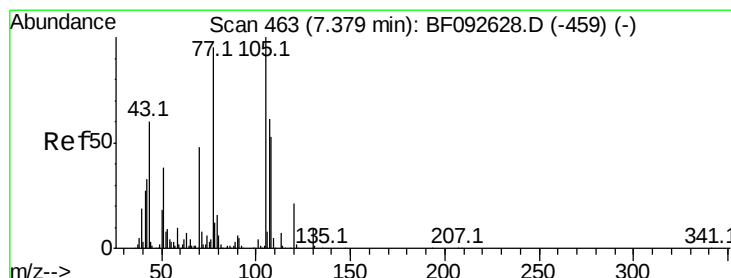
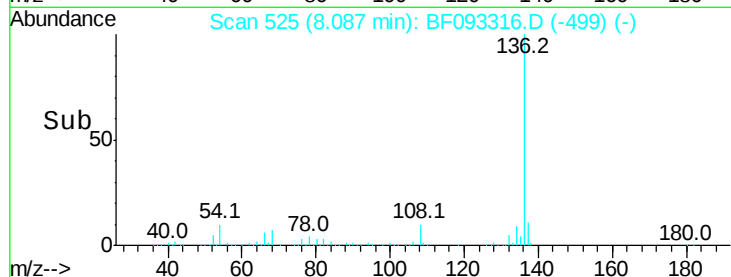
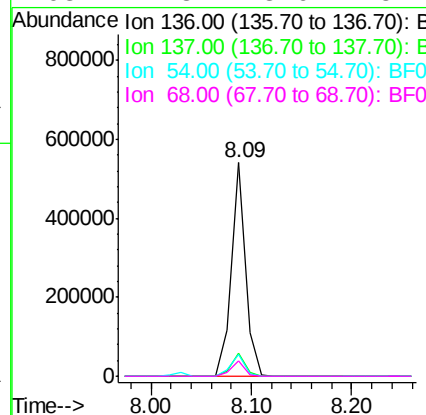
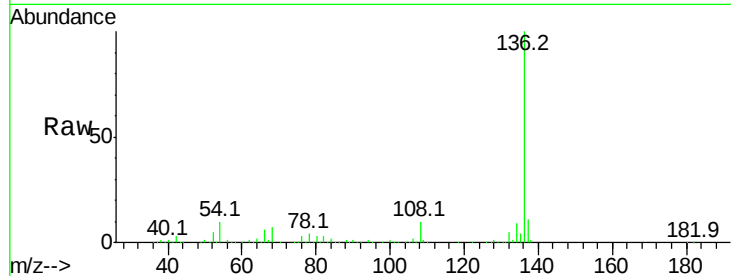
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.4	12.6	
54	10.3	4.5	6.7#	
68	7.3	3.6	5.4#	

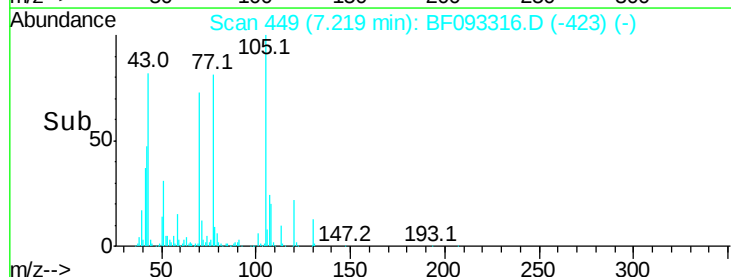
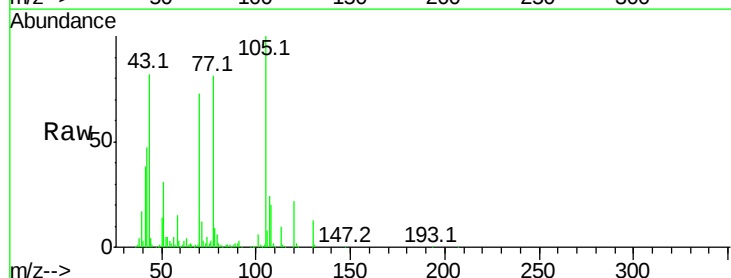
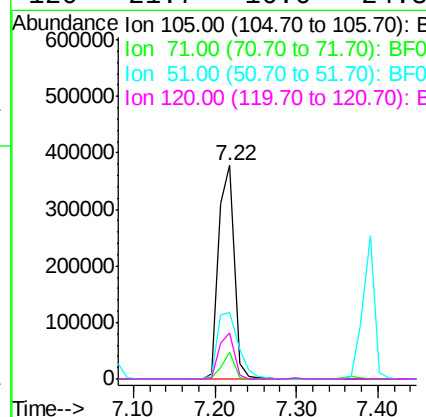
Manual Integrations
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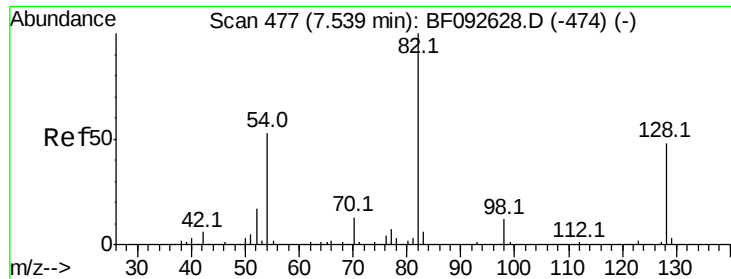
mohammad
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#22
Acetophenone
Concen: 41.94 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	12.3	3.2	4.8#	
51	31.4	26.2	39.4	
120	21.7	16.6	24.8	





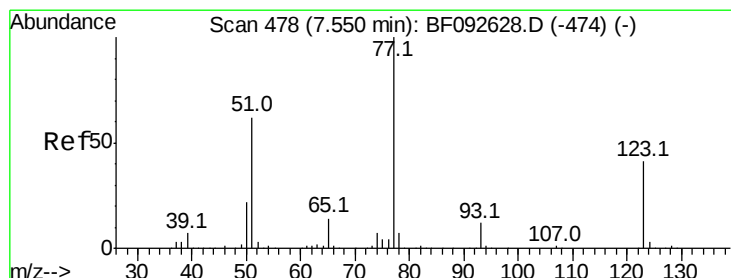
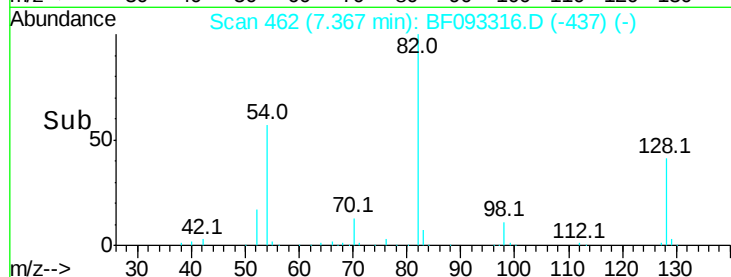
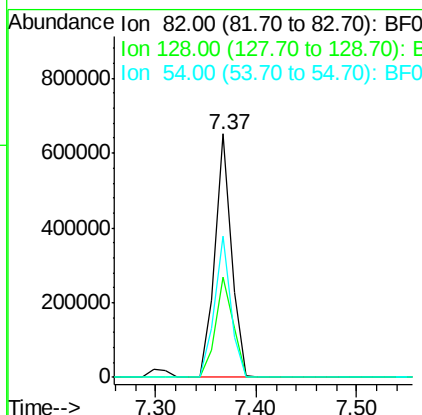
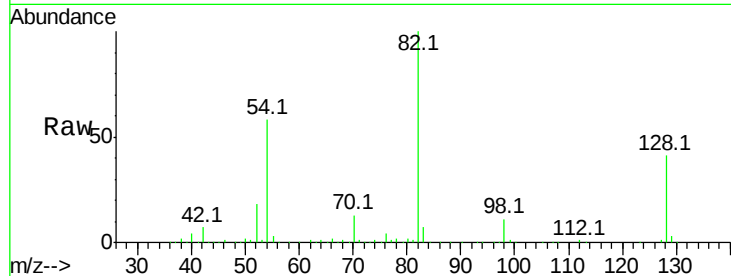
#23
 Nitrobenzene-d5
 Concen: 79.30 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB97255BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.6	52.0
54	58.1	39.5	59.3

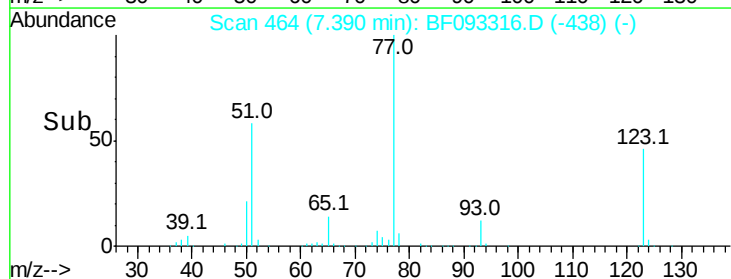
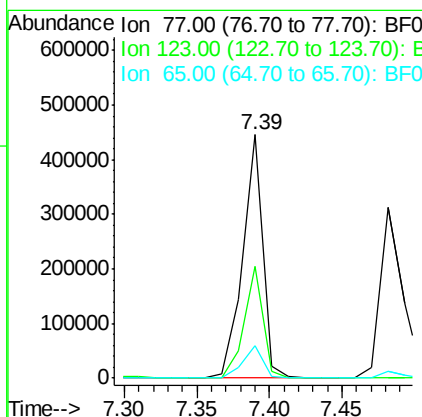
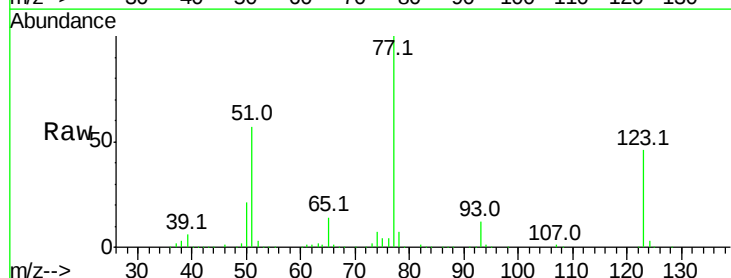
Manual Integrations
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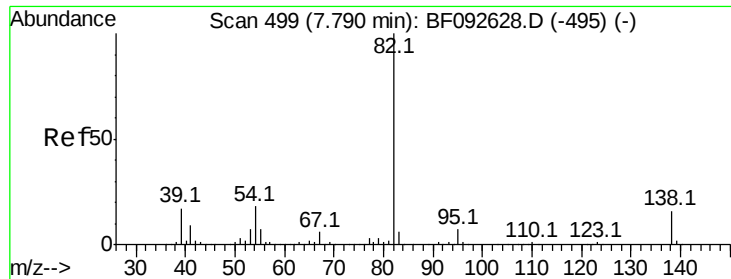
mohammad
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#24
 Nitrobenzene
 Concen: 43.71 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.0	33.0	49.4
65	13.6	11.2	16.8





#25

Isophorone

Concen: 39.80 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Instrument :

BNA_F

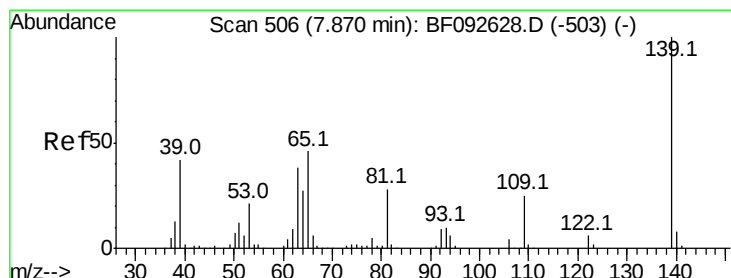
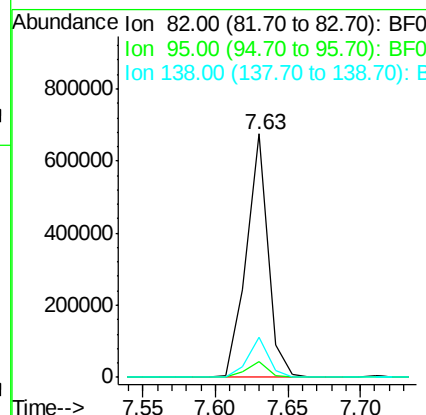
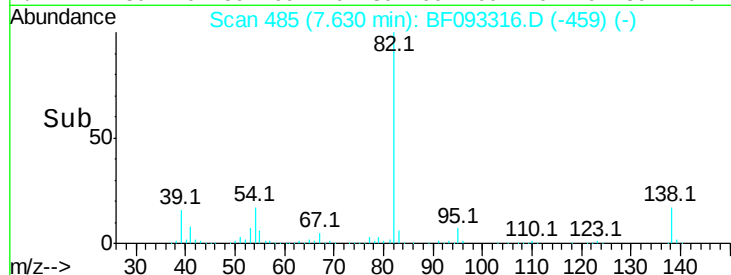
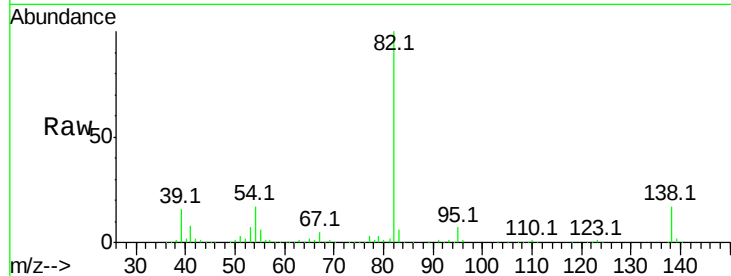
ClientSampleId :

PB97255BS

Tot Ion:	82	Resp:	704803
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.6	8.4
138	16.6	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.80 ng

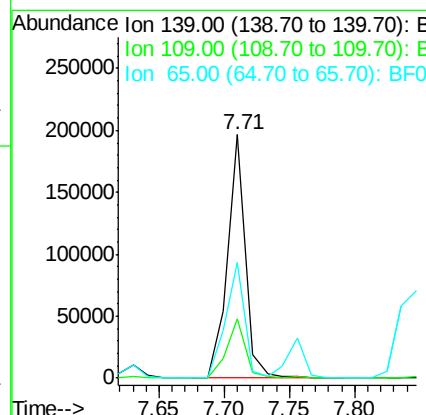
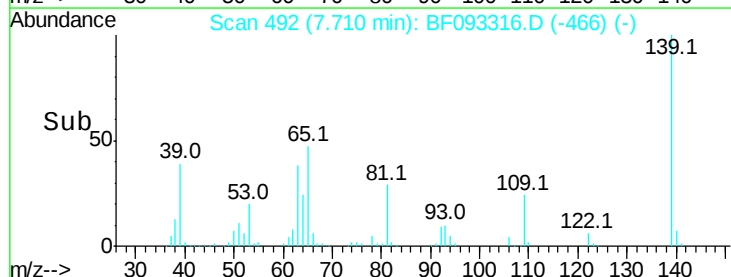
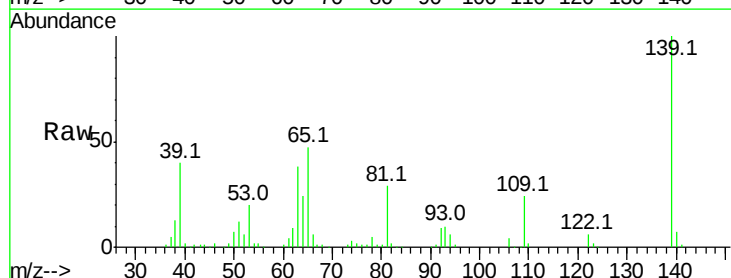
RT: 7.71 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Tgt Ion:	139	Resp:	189256
Ion Ratio	Lower	Upper	
139	100		
109	24.3	23.3	34.9
65	47.4	42.7	64.1





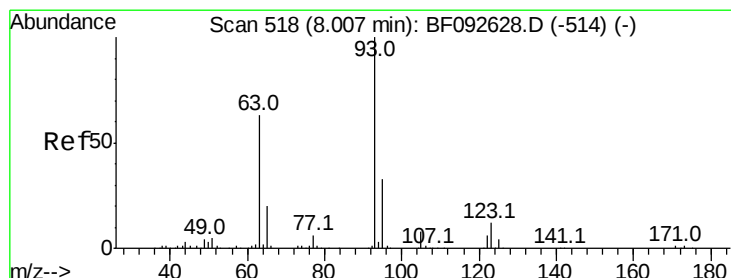
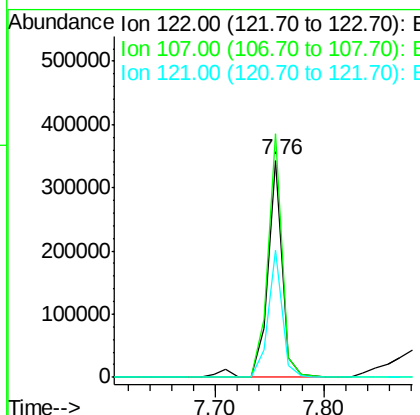
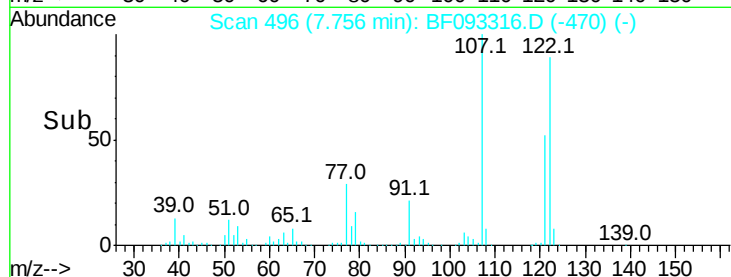
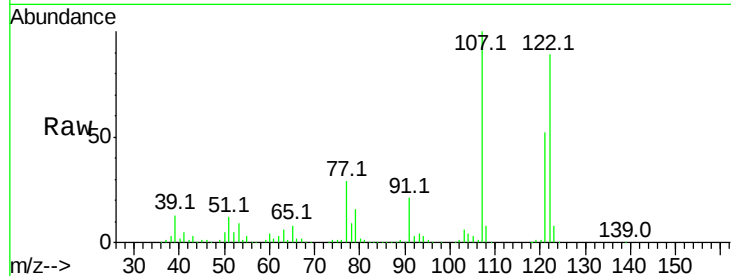
#27
2,4-Dimethylphenol
Concen: 40.24 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	327804		
107	112.3	94.1	141.1	
121	58.8	46.0	69.0	

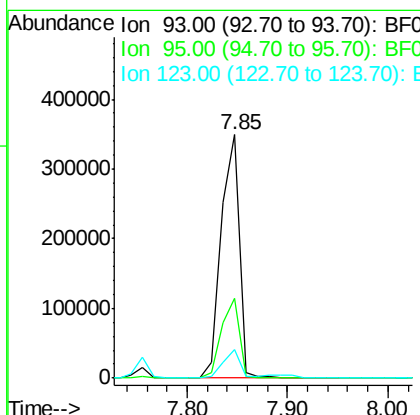
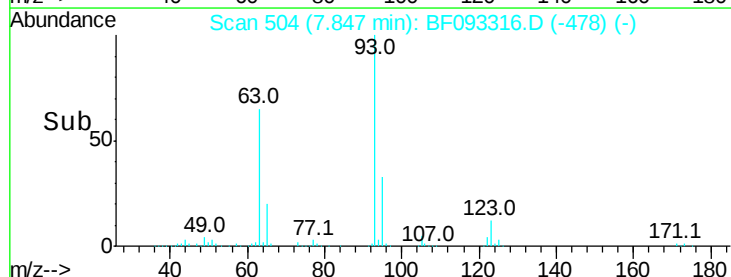
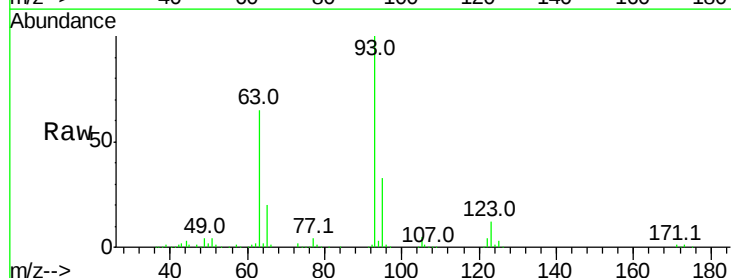
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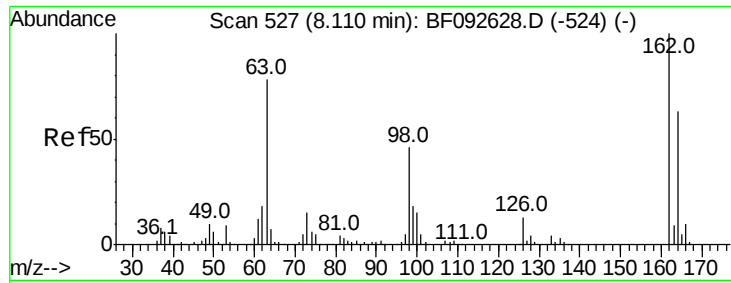
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 37.33 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	437823		
95	32.5	26.5	39.7	
123	11.5	8.6	13.0	





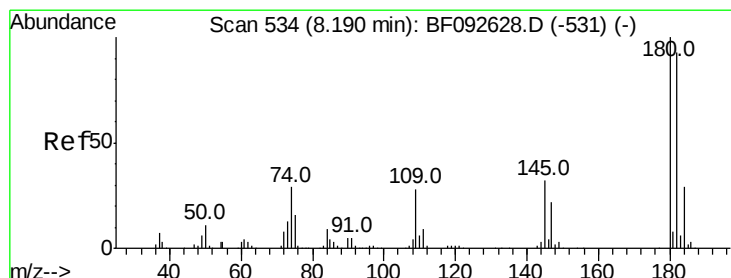
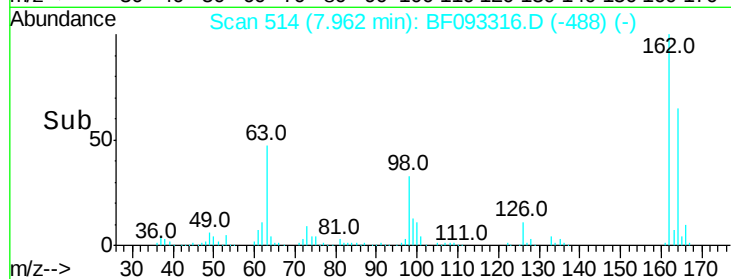
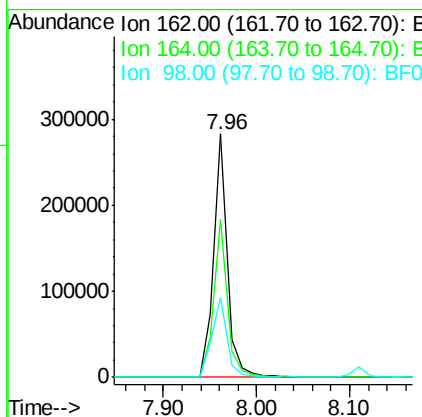
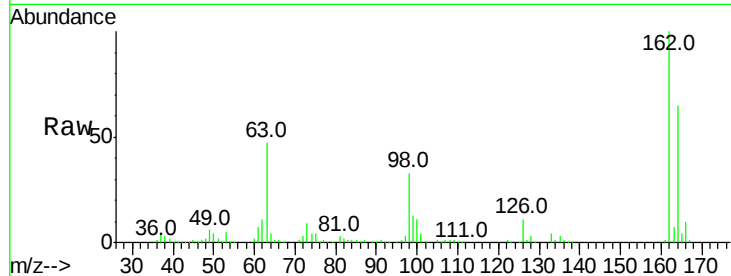
#29
 2,4-Dichlorophenol
 Concen: 38.05 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB97255BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.0	46.8	86.8
98	32.6	9.1	49.1

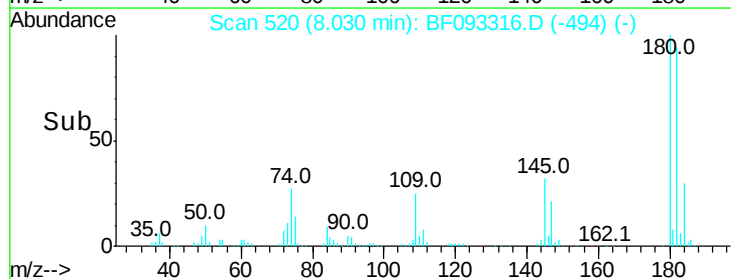
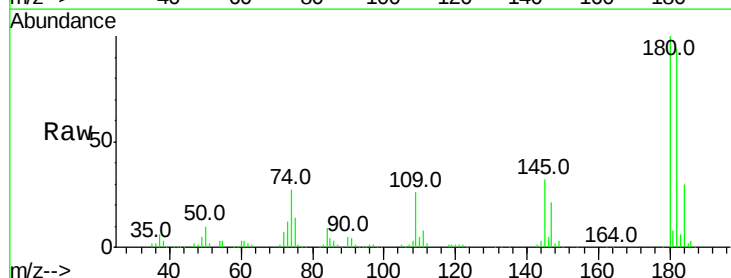
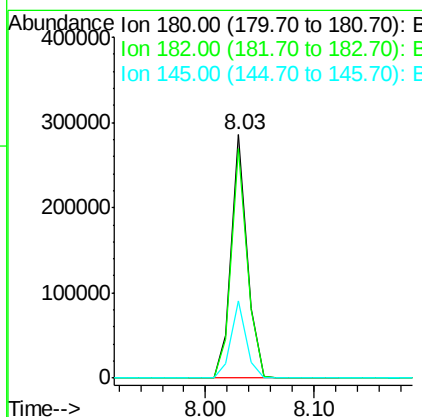
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.35 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.5	78.2	117.4
145	31.8	21.6	32.4





#31

Naphthalene

Concen: 34.75 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Instrument :

BNA_F

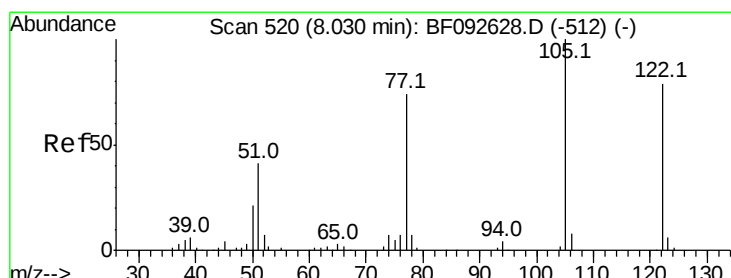
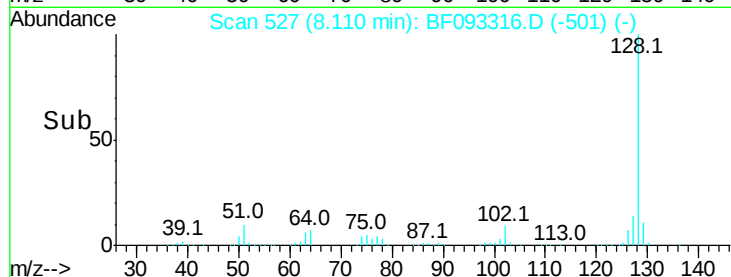
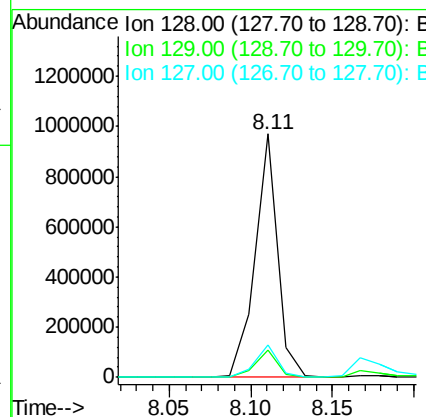
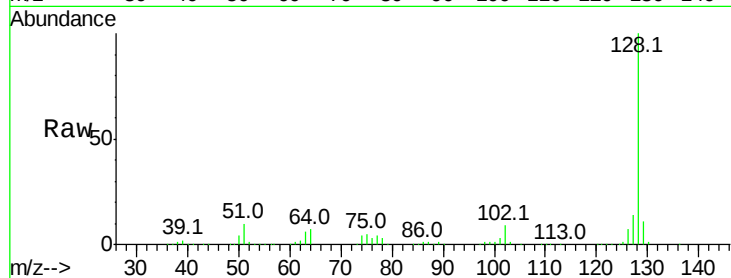
ClientSampleId :

PB97255BS

Tot Ion:	128	Resp:	932252
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.5	14.3
127	13.6	10.8	16.2

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#32

Benzoic acid

Concen: 38.63 ng

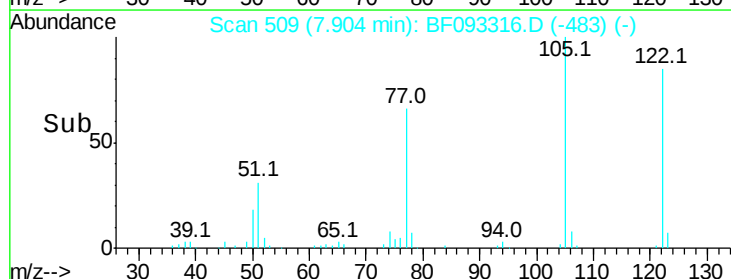
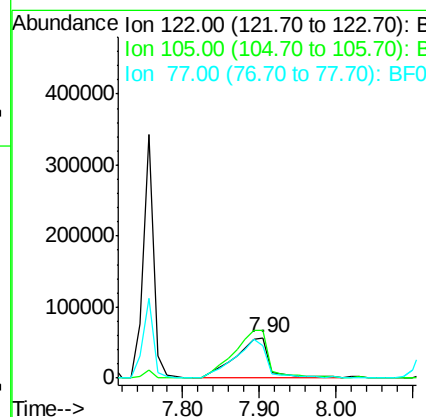
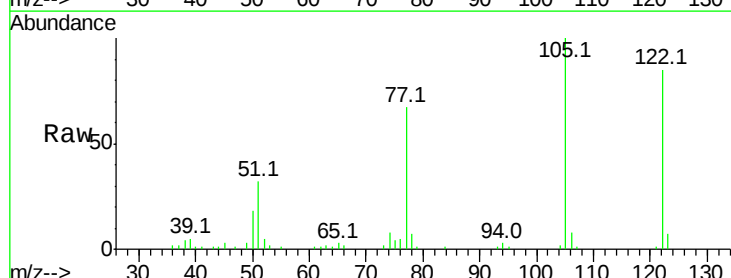
RT: 7.90 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Tgt Ion:	122	Resp:	170706
Ion Ratio	Lower	Upper	
122	100		
105	118.2	107.2	147.2
77	79.0	74.5	114.5





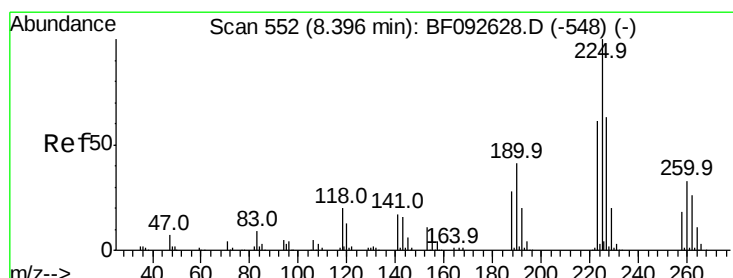
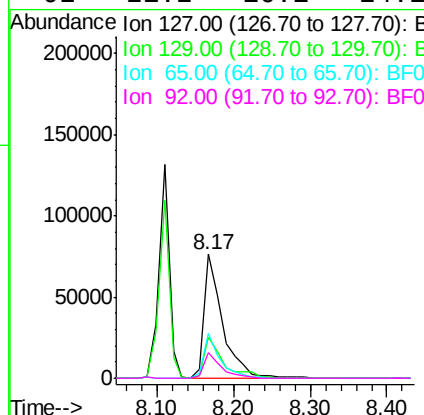
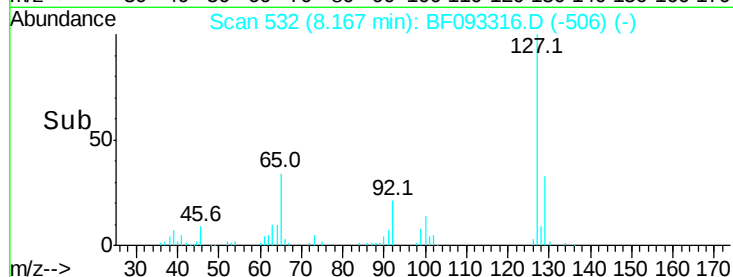
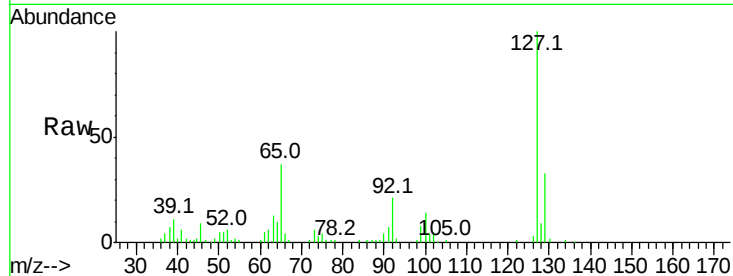
#33
4-Chloroaniline
Concen: 12.11 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	127394		
129	32.8	26.3	39.5	
65	36.7	25.8	38.8	
92	21.2	16.1	24.1	

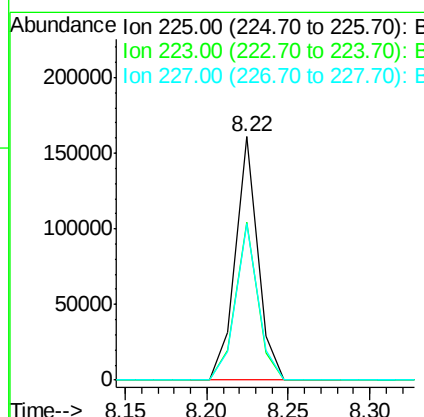
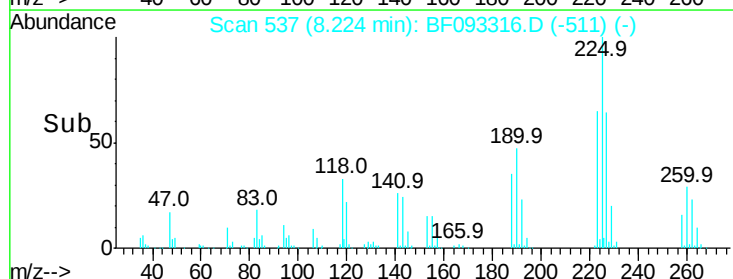
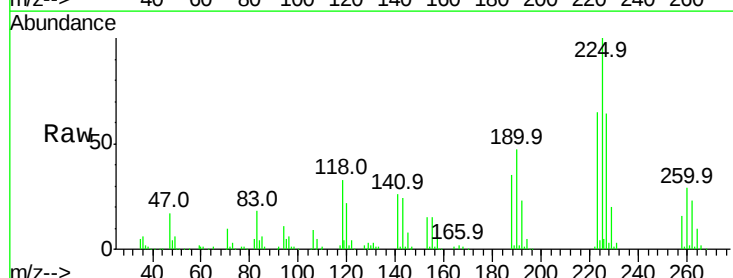
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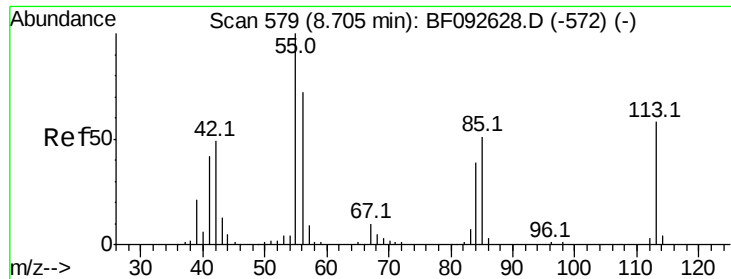
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#34
Hexachlorobutadiene
Concen: 33.79 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	152227		
223	64.8	51.0	76.6	
227	64.2	50.6	76.0	





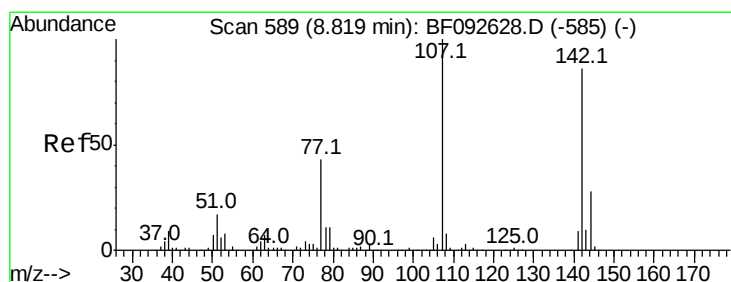
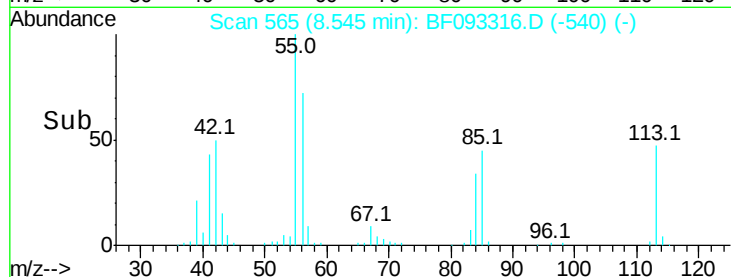
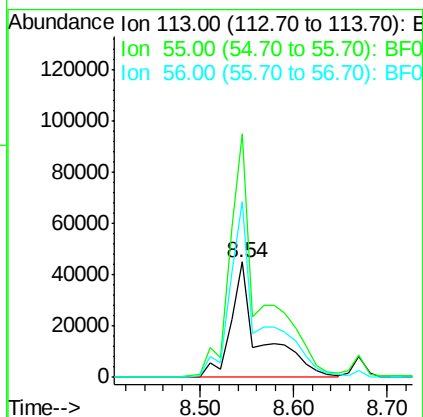
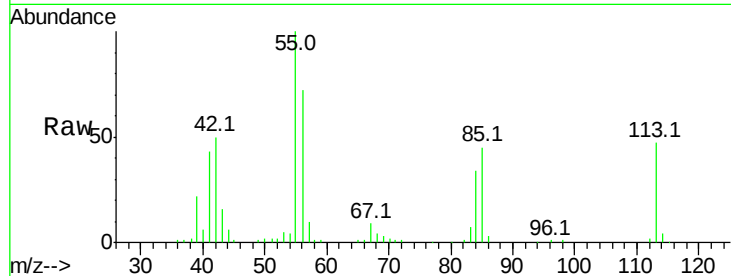
#35
 Caprolactam
 Concen: 41.82 ng
 RT: 8.54 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Instrument :
 BNA_F
 ClientSampleID :
 PB97255BS

Tot Ion:113 Resp: 99939
 Ion Ratio Lower Upper
 113 100
 55 210.7 119.2 159.2#
 56 152.3 83.8 123.8#

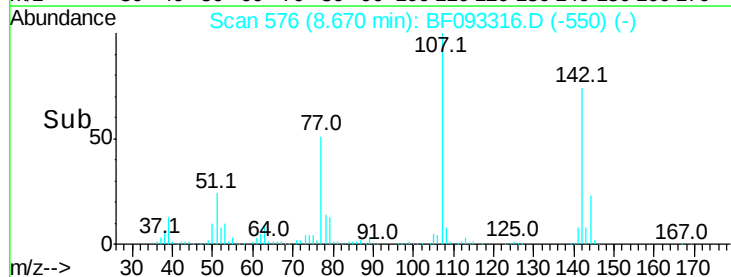
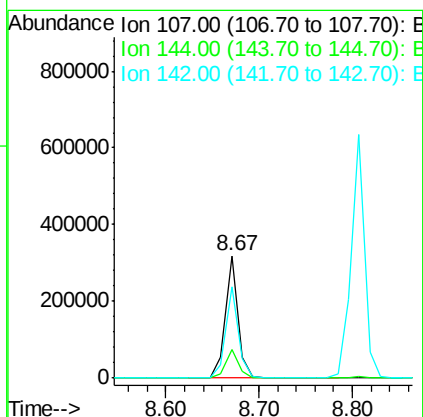
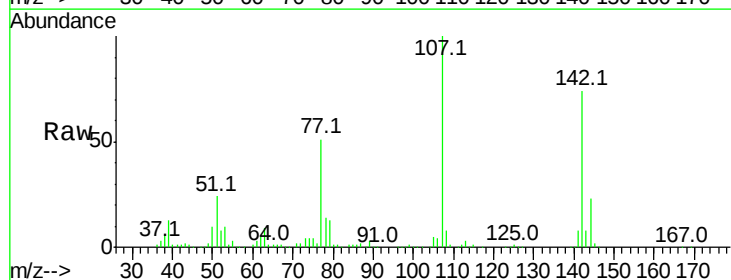
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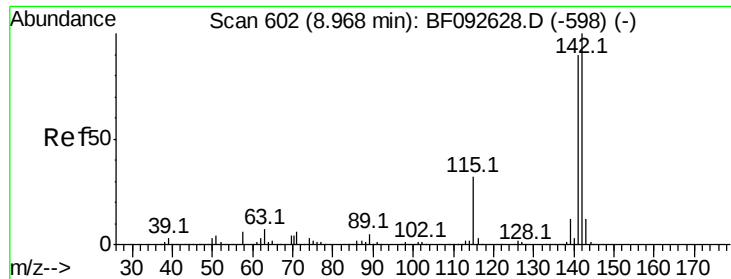
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#36
 4-Chloro-3-methylphenol
 Concen: 38.31 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Tgt Ion:107 Resp: 303498
 Ion Ratio Lower Upper
 107 100
 144 23.0 19.3 28.9
 142 74.3 59.0 88.6





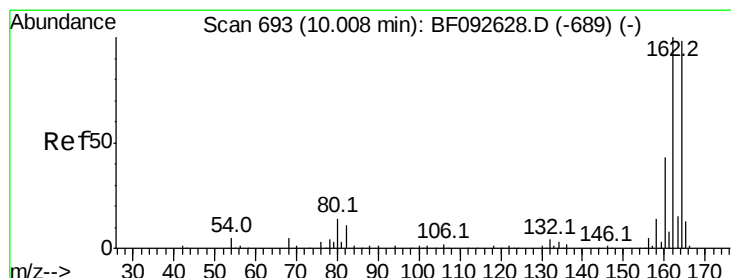
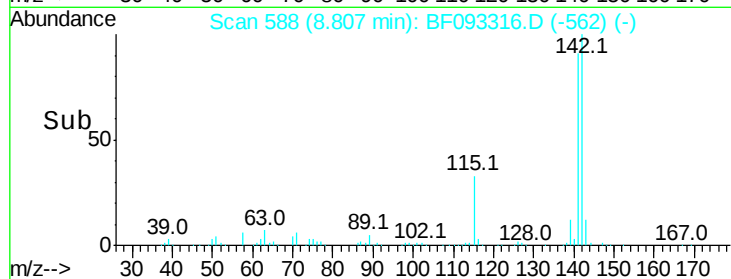
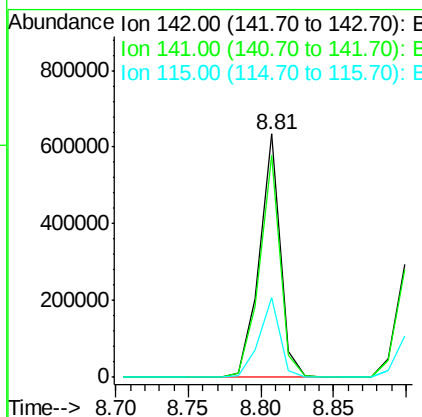
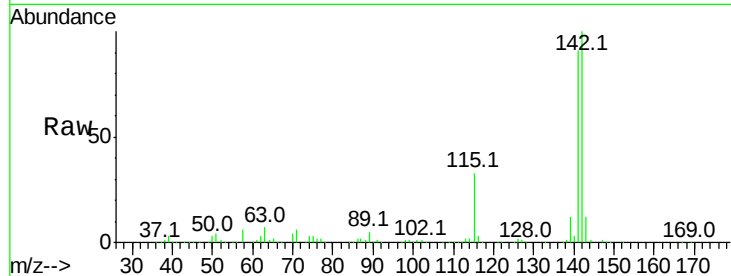
#37
2-Methylnaphthalene
Concen: 36.86 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.0	106.6
115	32.6	28.3	42.5

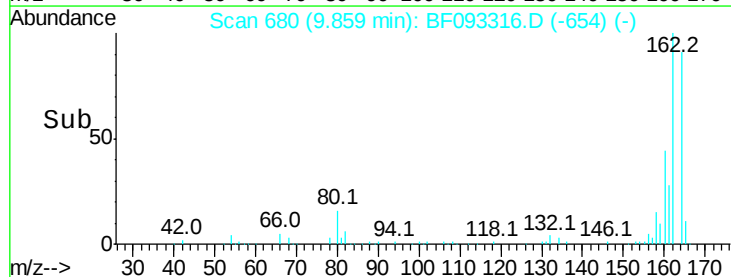
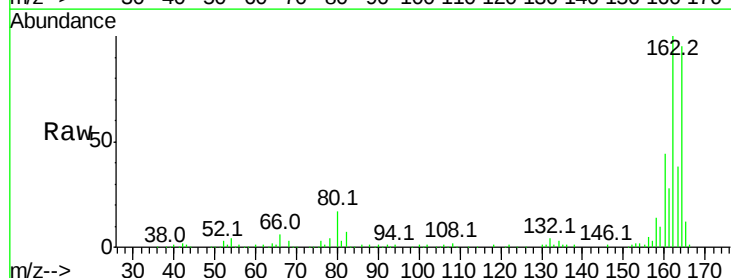
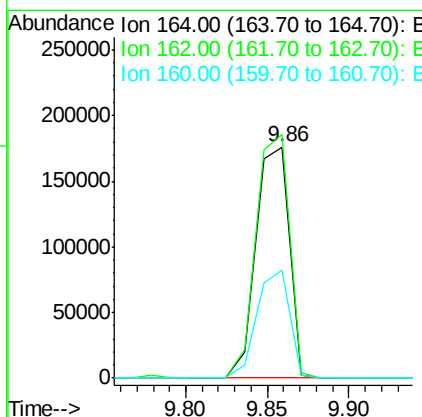
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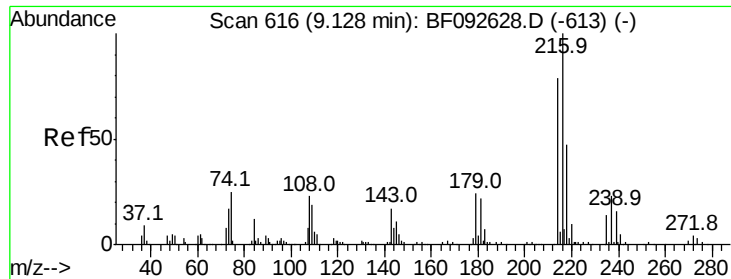
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	80.2	120.2
160	46.5	36.9	55.3





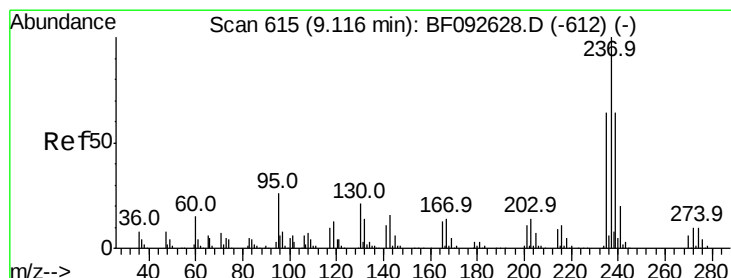
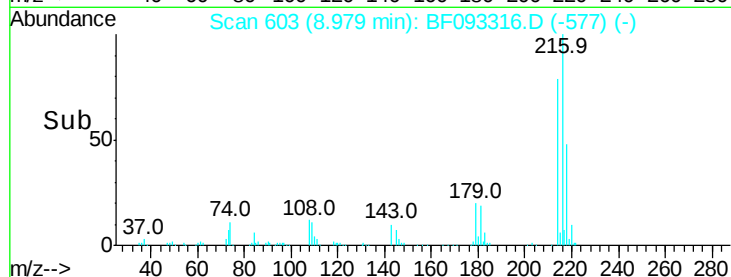
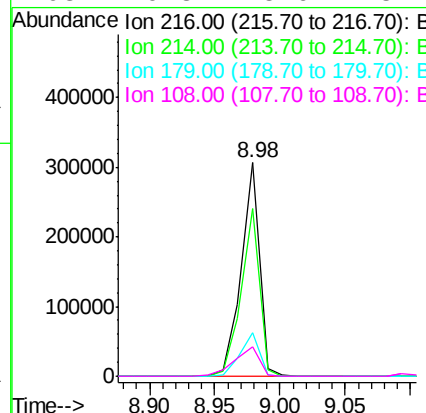
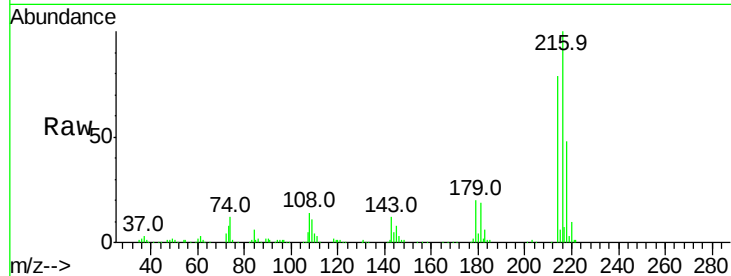
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.98 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB97255BS

Tot Ion:	216	Resp:	296152
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.4	95.0
179	21.2	17.4	26.2
108	19.3	15.6	23.4

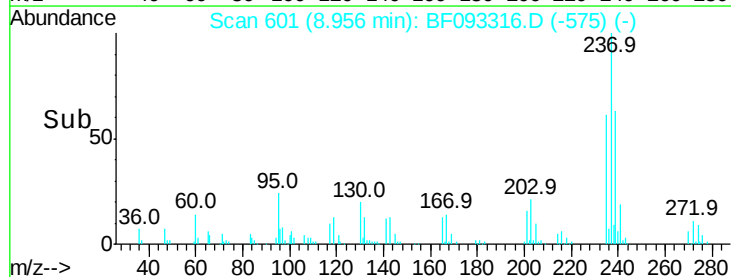
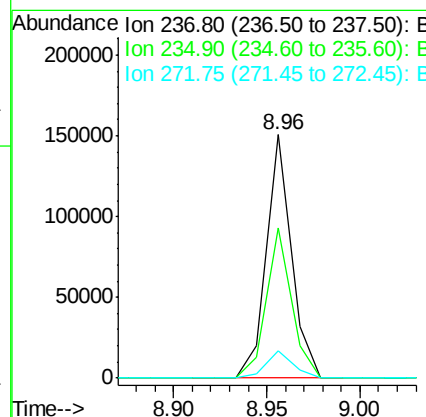
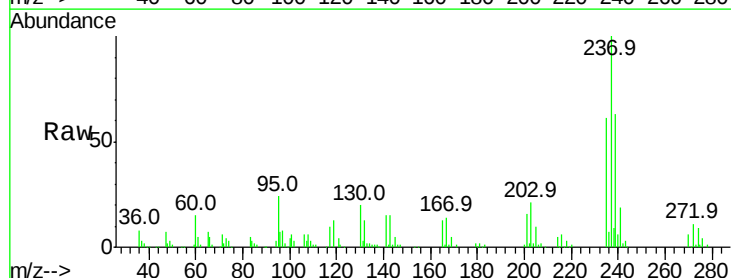
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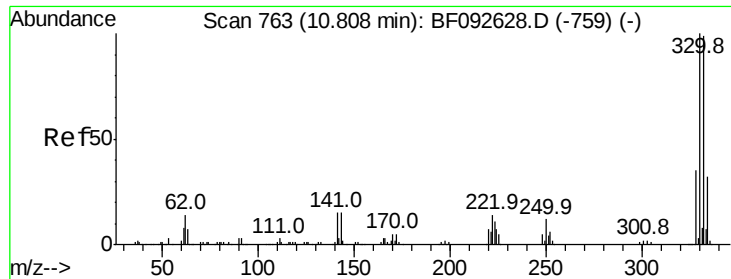
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#40
 Hexachlorocyclopentadiene
 Concen: 43.76 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Tgt Ion:	237	Resp:	139263
Ion Ratio	Lower	Upper	
237	100		
235	61.5	41.2	81.2
272	11.2	0.0	35.4





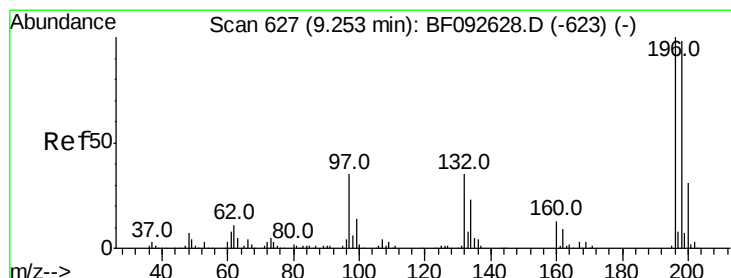
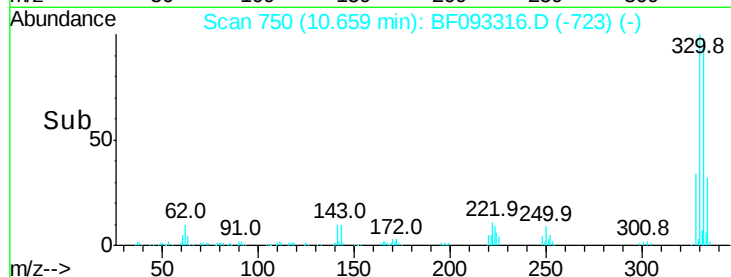
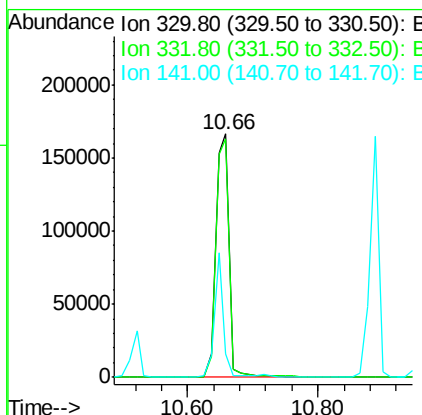
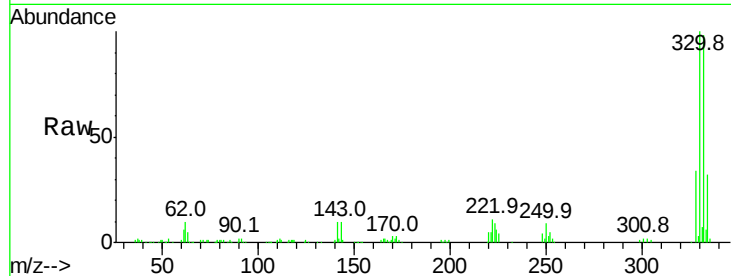
#41
 2,4,6-Tribromophenol
 Concen: 133.98 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.01 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB97255BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	243516		
332	98.0		77.4	116.2
141	34.3		34.1	51.1

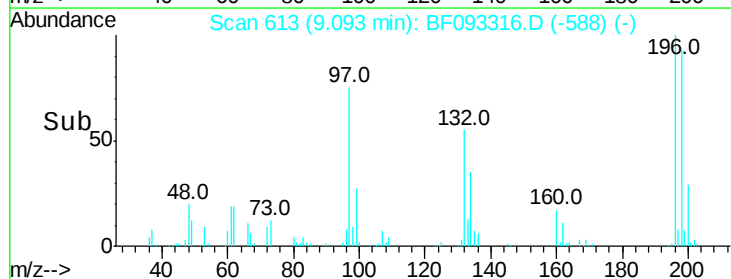
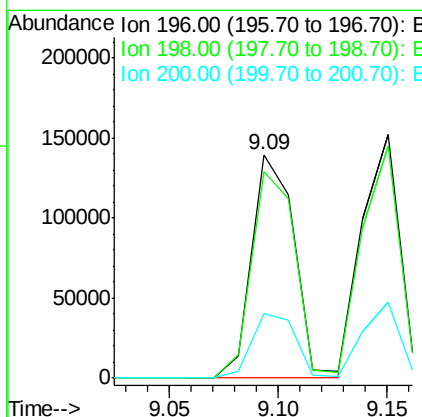
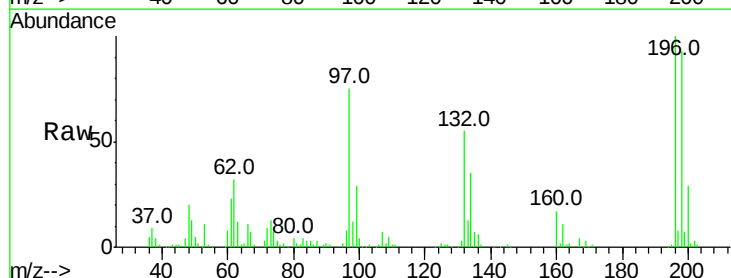
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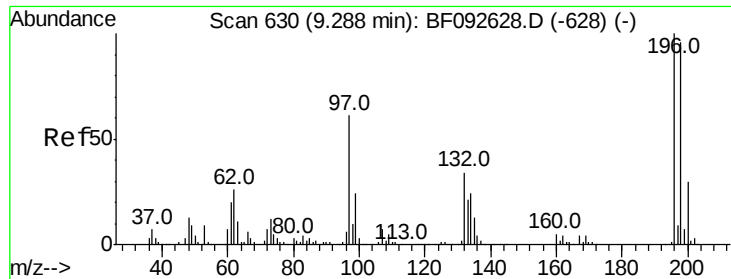
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#42
 2,4,6-Trichlorophenol
 Concen: 41.05 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	190255		
198	92.5		82.1	123.1
200	28.6		27.0	40.4





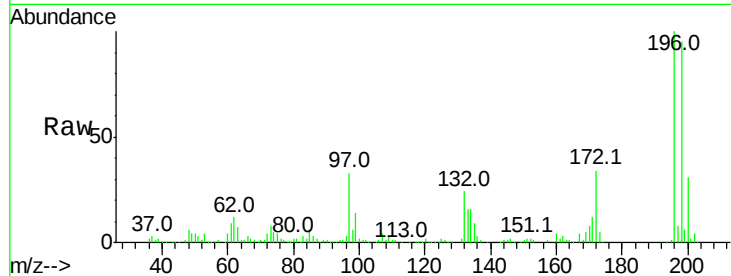
#43
2,4,5-Trichlorophenol
Concen: 37.10 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	188409		
198	95.4	79.4	119.2	
97	33.1	51.5	77.3	
132	24.2	27.4	41.2	

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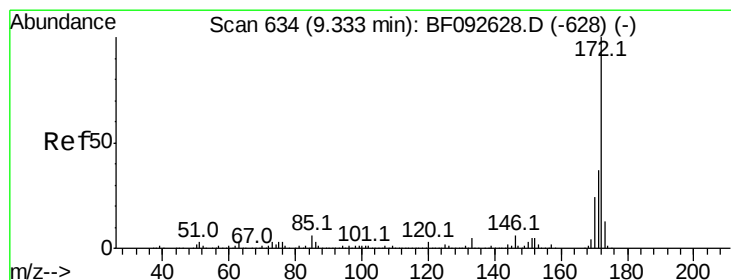
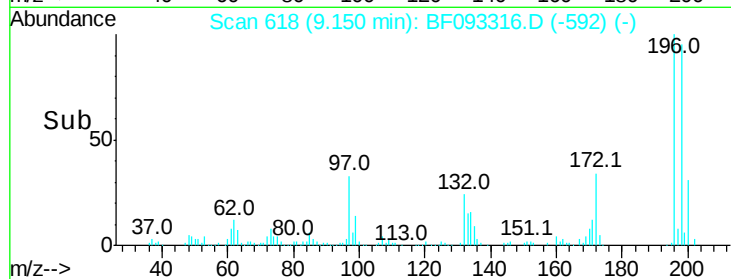
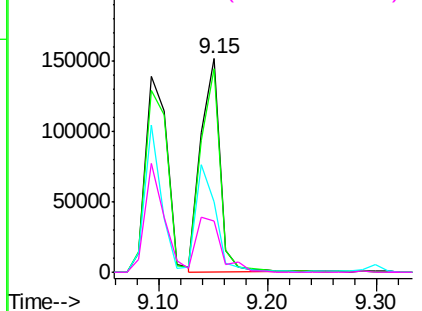
Abundance

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: 88.37 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

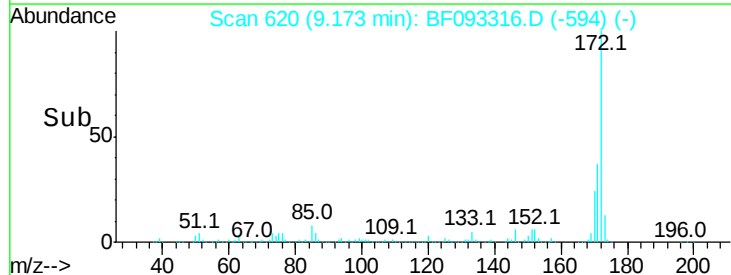
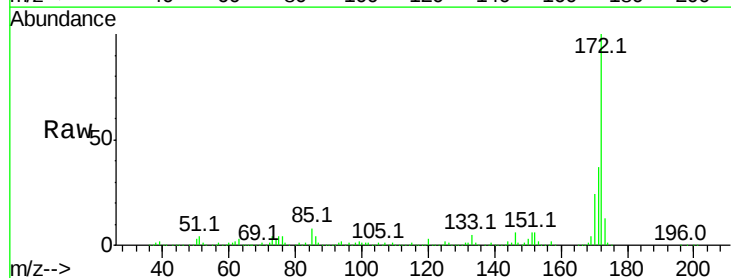
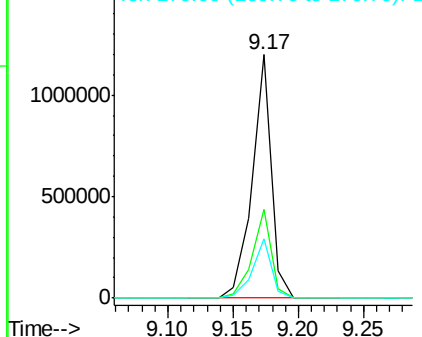
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1225844		
171	36.5	29.4	44.0	
170	24.1	20.2	30.4	

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





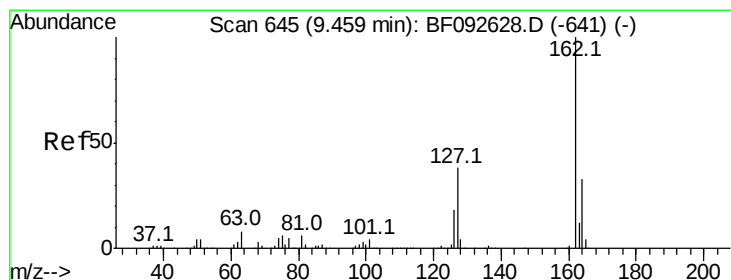
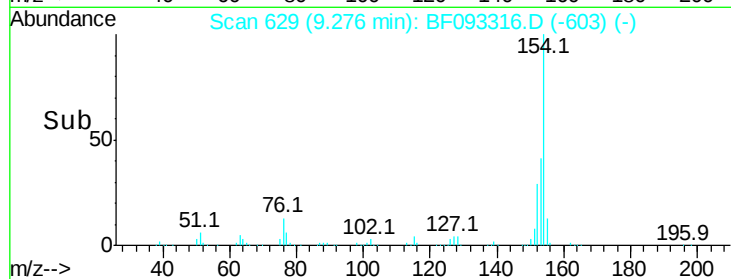
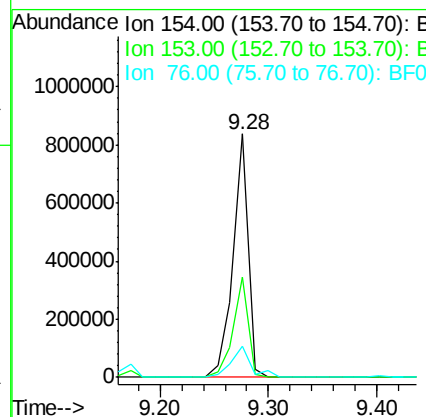
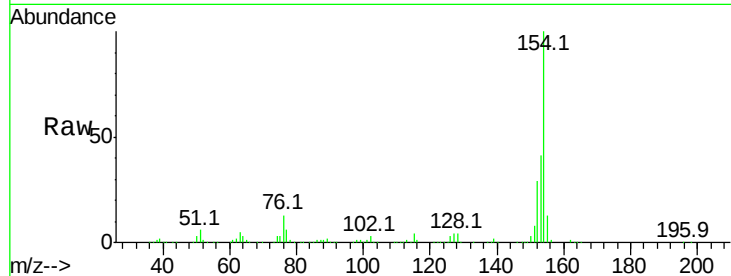
#45
1,1'-Biphenyl
Concen: 44.05 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.1	20.9	60.9	
76	12.6	0.0	30.5	

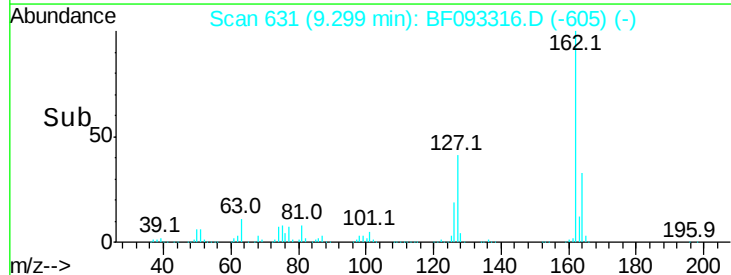
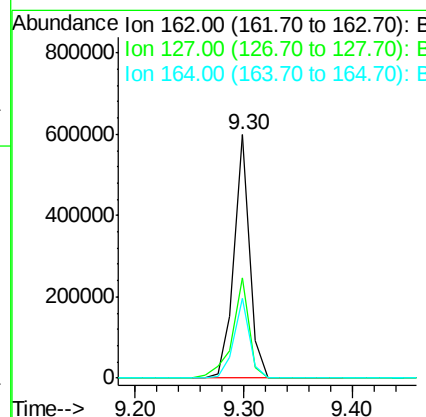
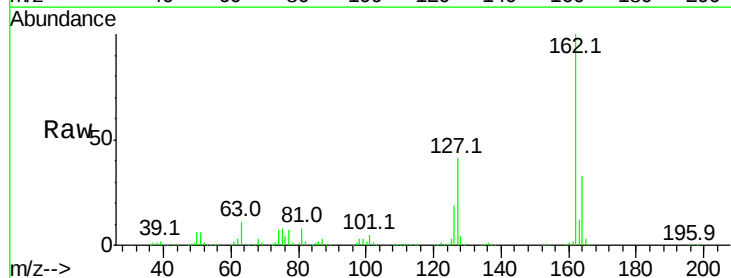
Manual Integrations
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3/3/2017 5:16:22 PM



#46
2-Chloronaphthalene
Concen: 41.38 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.1	30.7	46.1	
164	33.0	27.6	41.4	





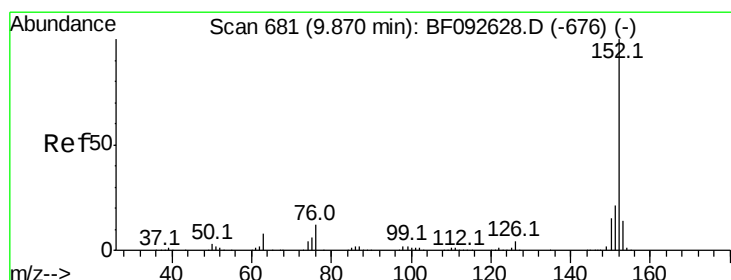
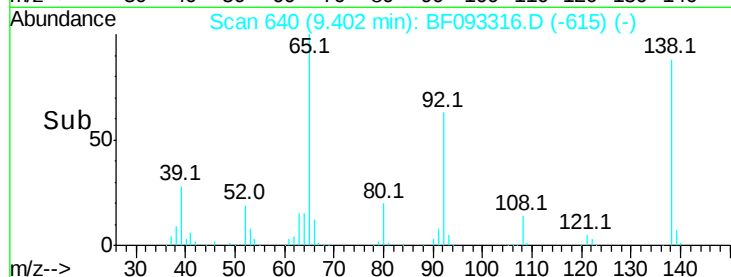
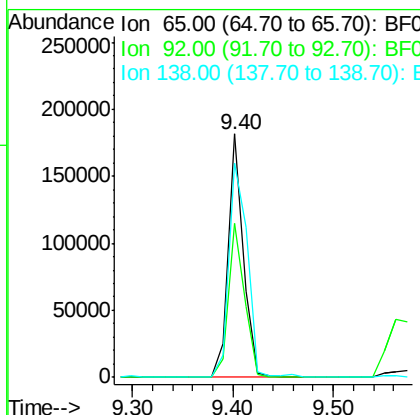
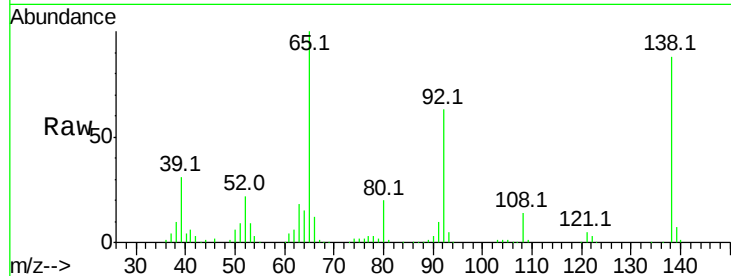
#47
2-Nitroaniline
Concen: 39.82 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.4	53.9	80.9
138	87.9	76.8	115.2

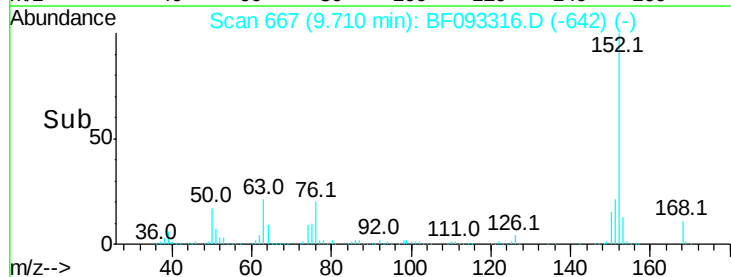
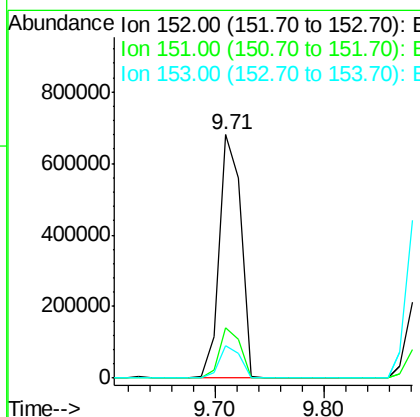
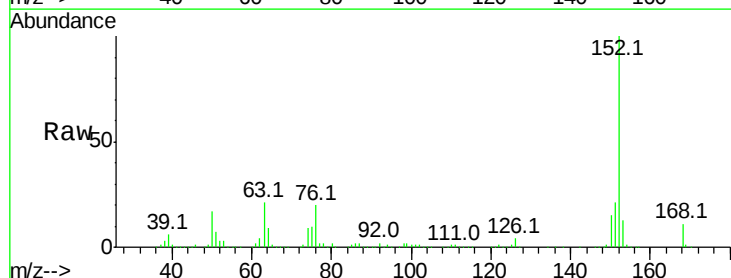
Manual Integrations
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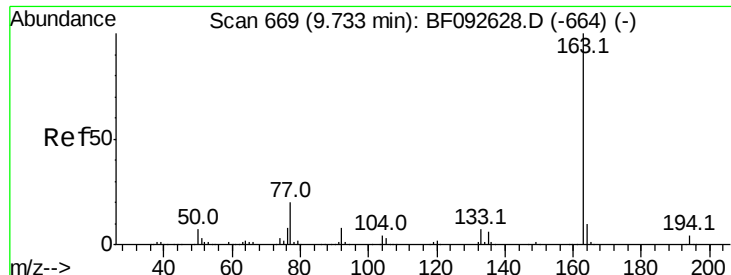
mohammad
3/3/2017 5:16:22 PM



#48
Acenaphthylene
Concen: 38.24 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	13.4	11.4	17.2





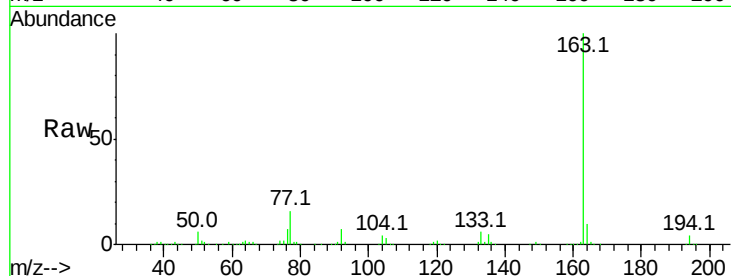
#49
Dimethylphthalate
Concen: 44.27 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	749392		
194	3.7		3.0	4.4
164	9.7		8.0	12.0

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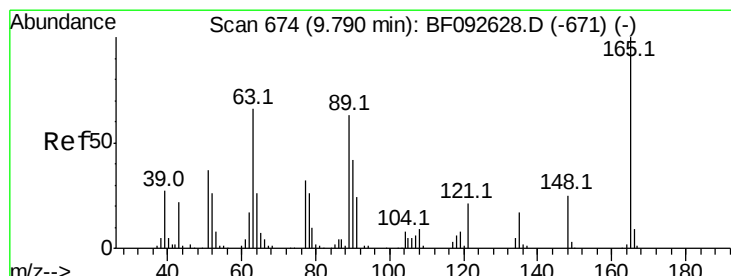
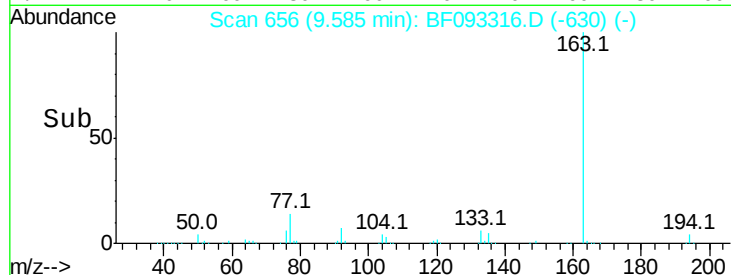
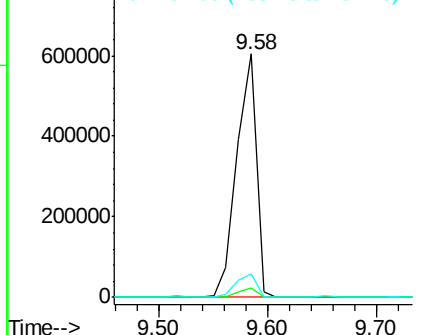


Abundance

Ion 163.00 (162.70 to 163.70): E

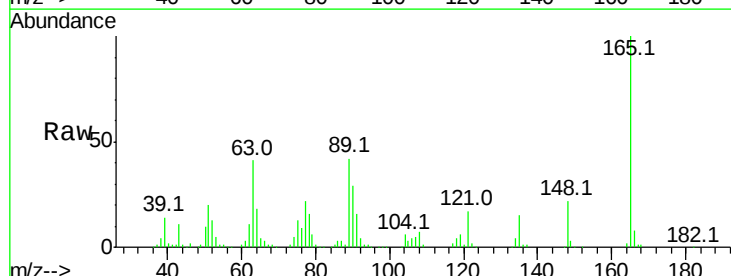
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 47.91 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	175151		
63	41.5		36.2	54.4
89	41.6		40.2	60.4

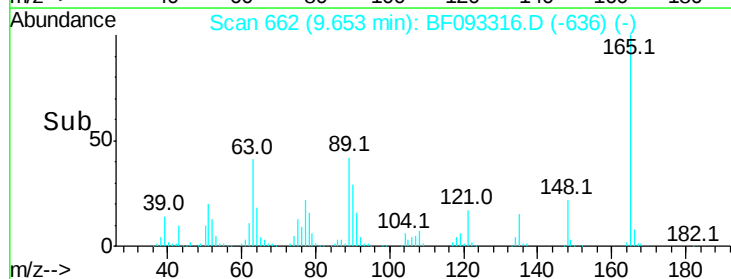
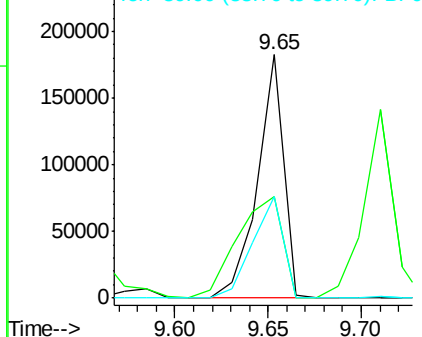


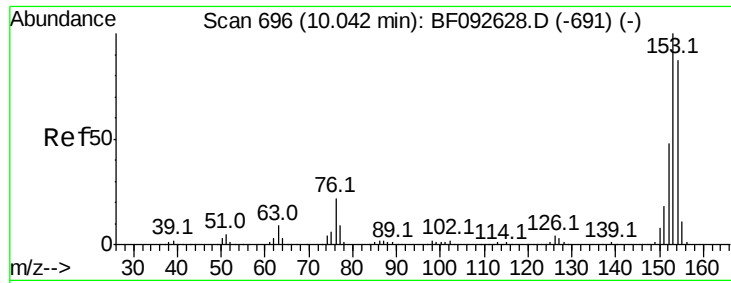
Abundance

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





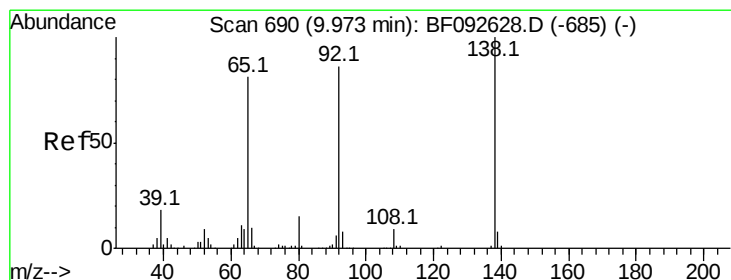
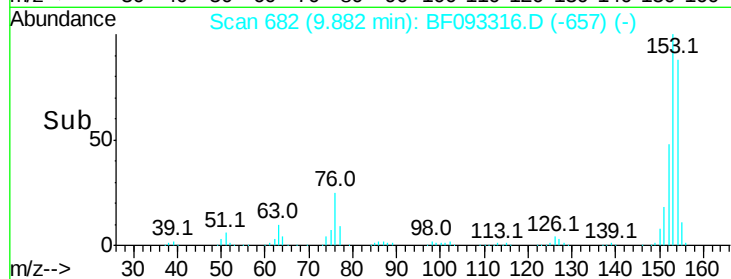
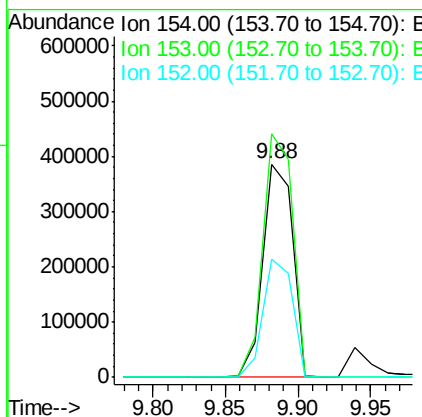
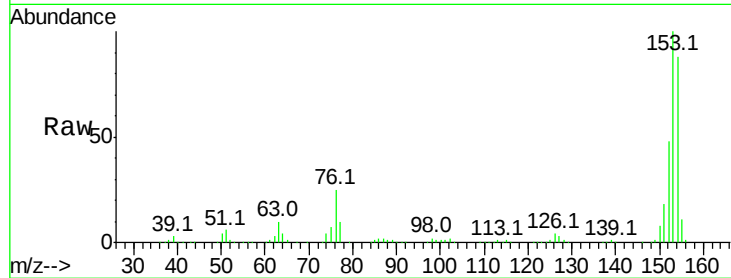
#51
Acenaphthene
Concen: 37.46 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.0	88.6	133.0
152	55.1	41.6	62.4

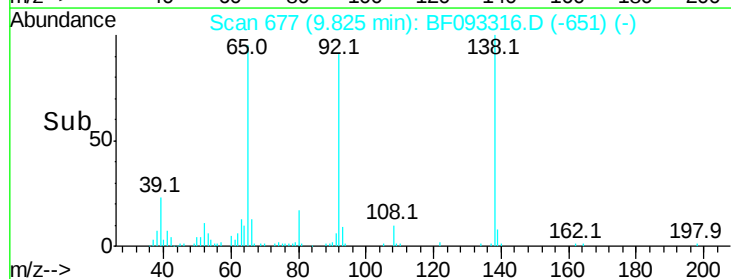
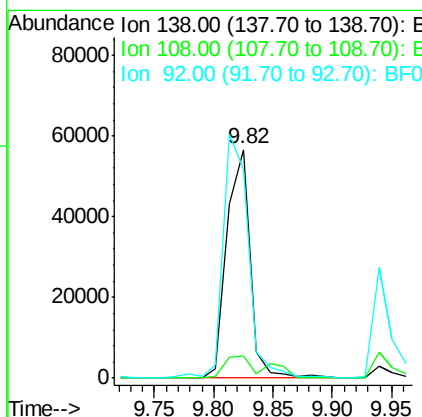
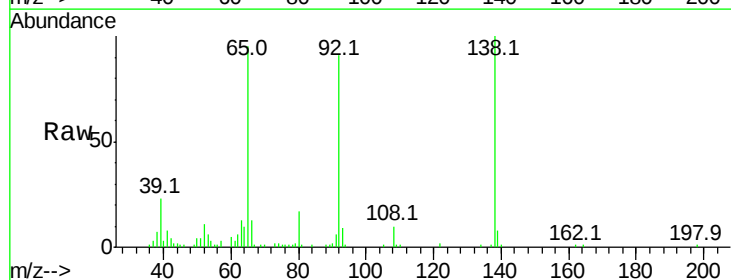
Manual Integrations
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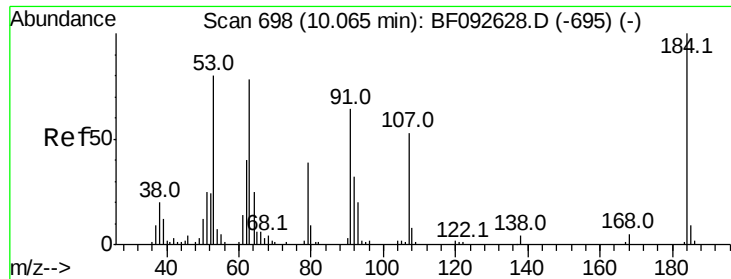
mohammad
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#52
3-Nitroaniline
Concen: 18.50 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.5	12.7
92	91.4	97.8	146.8#





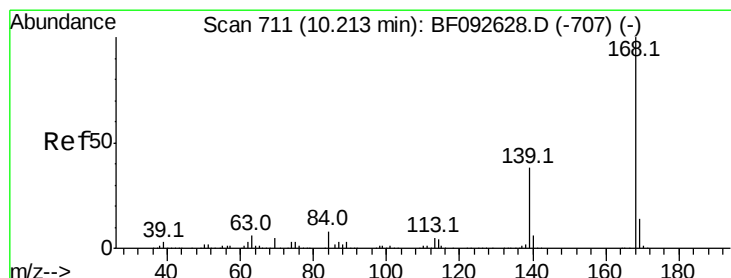
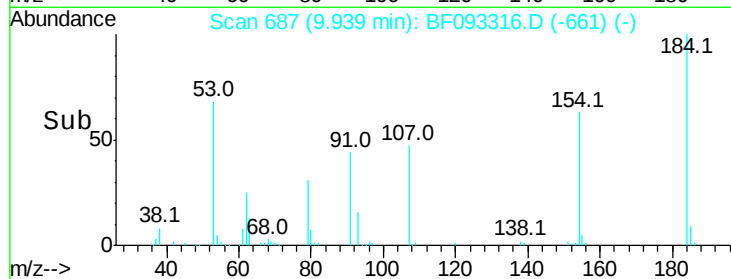
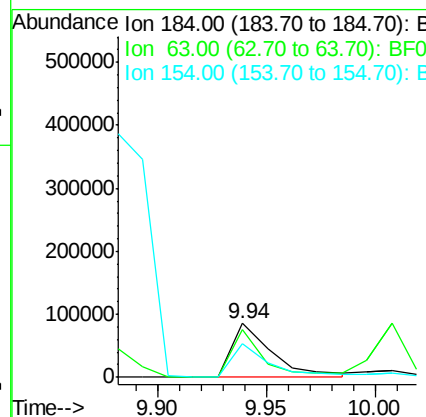
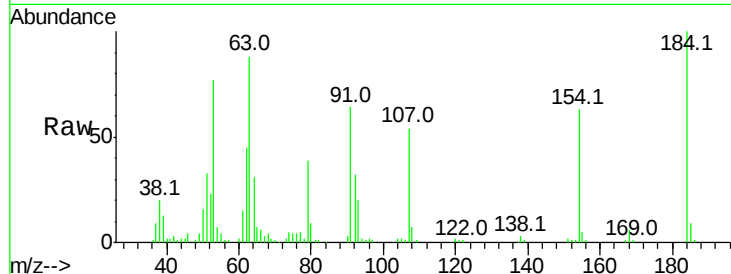
#53
2,4-Dinitrophenol
Concen: 61.60 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampled :
PB97255BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	112401		
63	88.2	28.4	42.6#	
154	63.0	44.3	66.5	

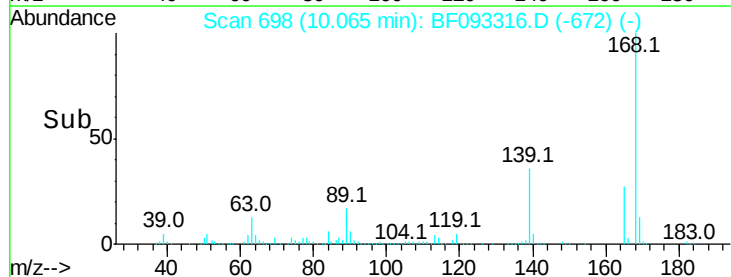
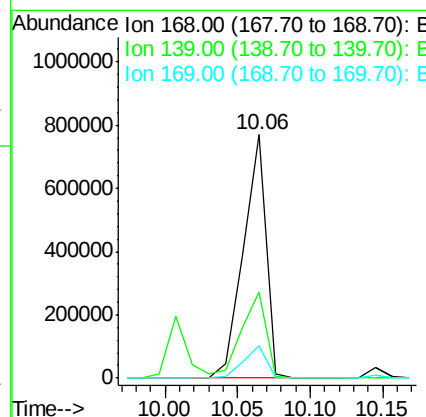
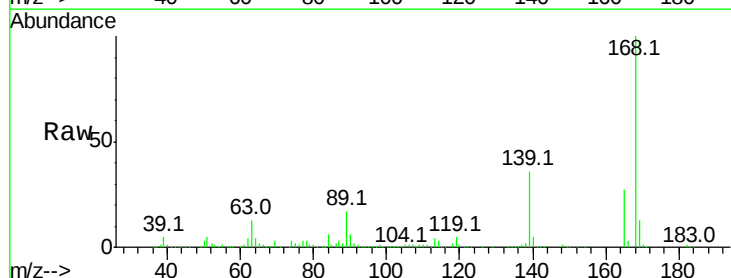
Manual Integrations
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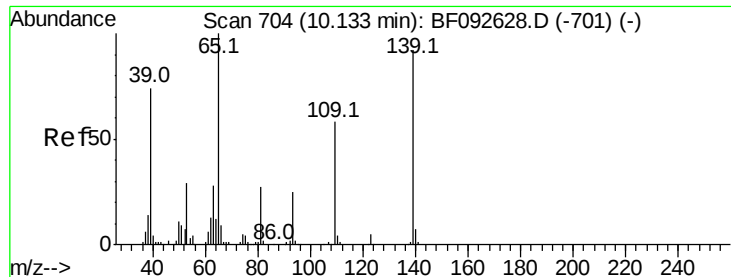
mohammad
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#54
Dibenzofuran
Concen: 42.62 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	838144		
139	35.6	32.6	49.0	
169	13.2	11.3	16.9	





#55

4-Nitrophenol

Concen: 60.59 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Instrument :

BNA_F

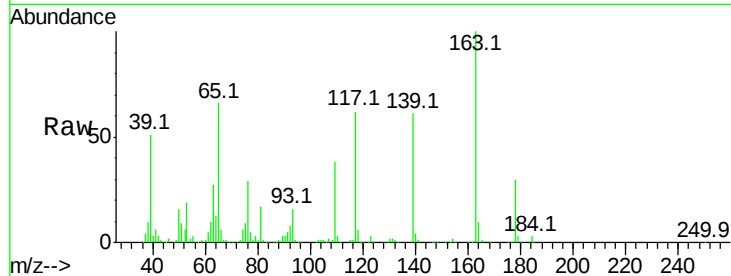
ClientSampleId :

PB97255BS

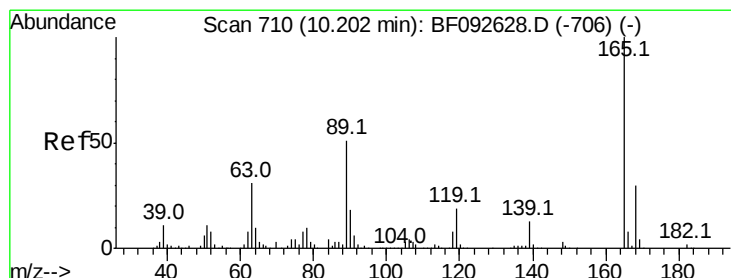
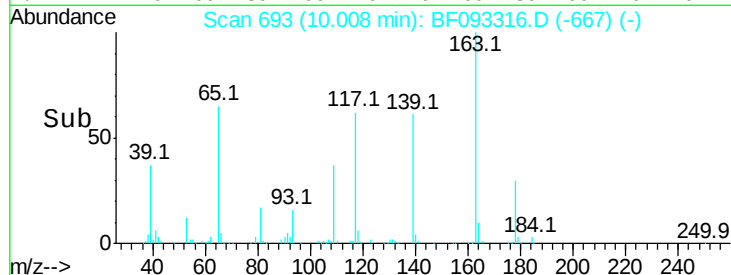
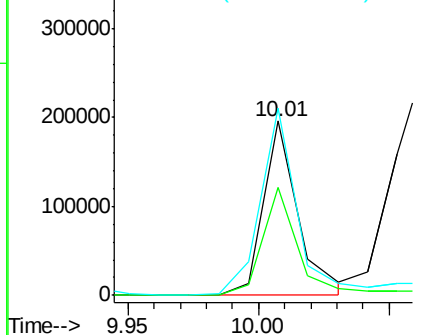
Tot Ion:	139	Resp:	182554
Ion Ratio	Lower	Upper	
139	100		
109	61.8	52.2	92.2
65	107.7	85.8	125.8

Manual Integrations
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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 42.84 ng

RT: 10.06 min Scan# 698

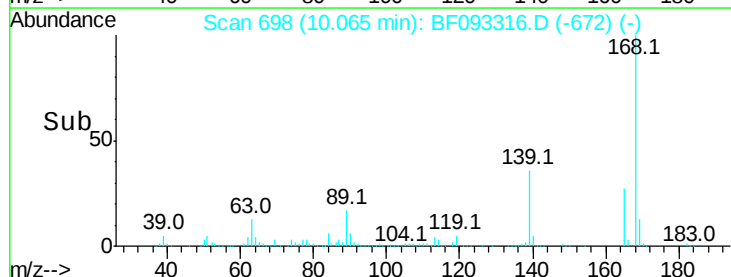
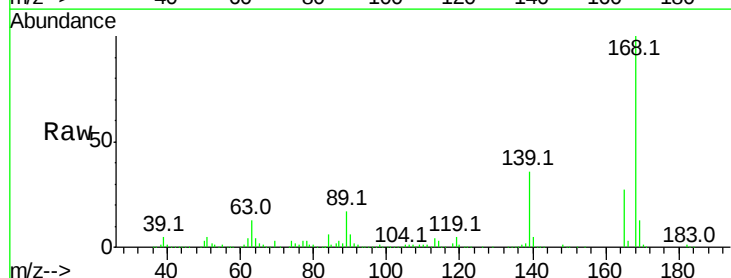
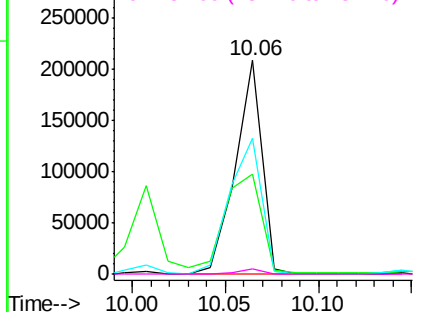
Delta R.T. -0.00 min

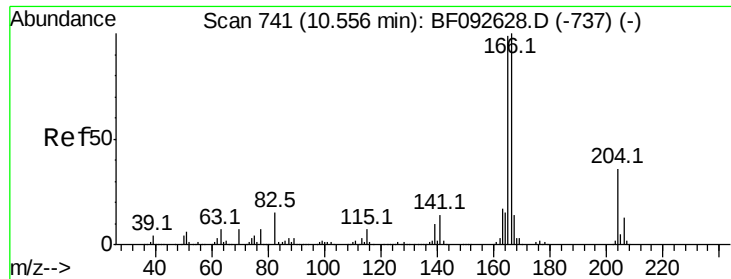
Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Tgt Ion:	165	Resp:	208502
Ion Ratio	Lower	Upper	
165	100		
63	47.0	40.2	60.4
89	63.7	62.5	93.7
182	2.4	1.8	2.8

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
Ion 182.00 (181.70 to 182.70): E





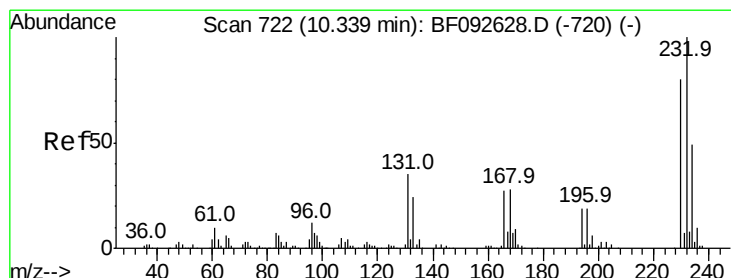
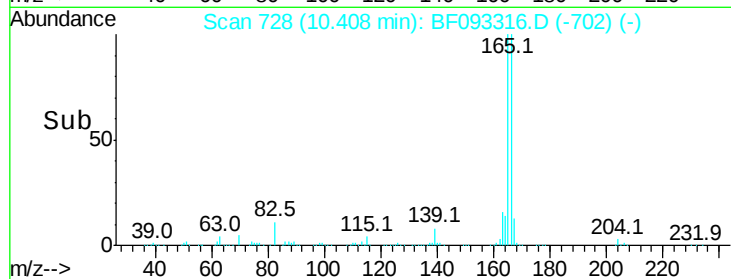
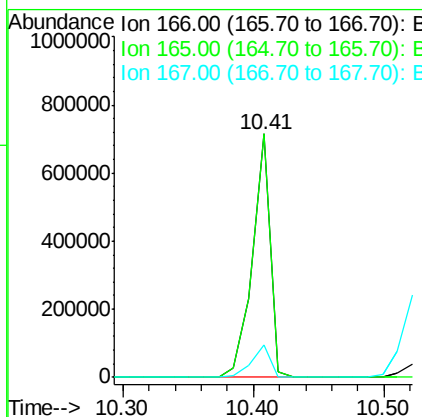
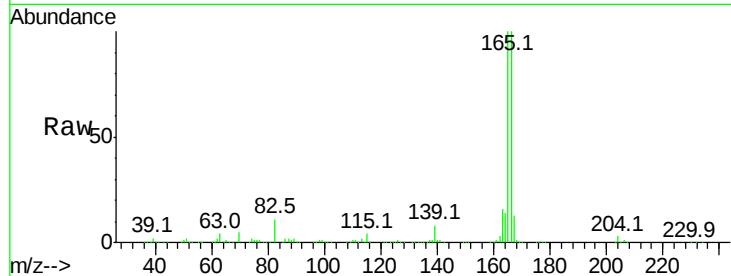
#57
 Fluorene
 Concen: 45.11 ng
 RT: 10.41 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB97255BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	682497		
165	100.2		77.8	116.8
167	13.2		10.8	16.2

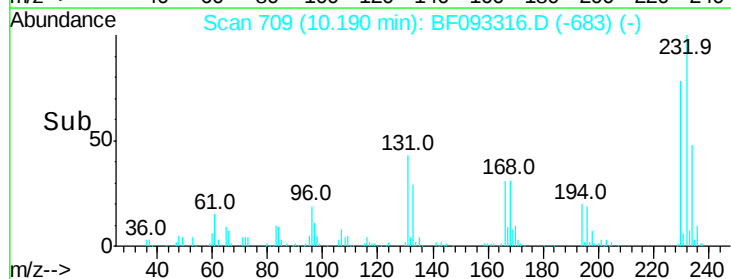
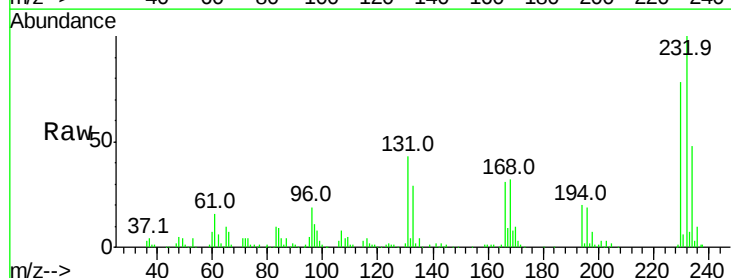
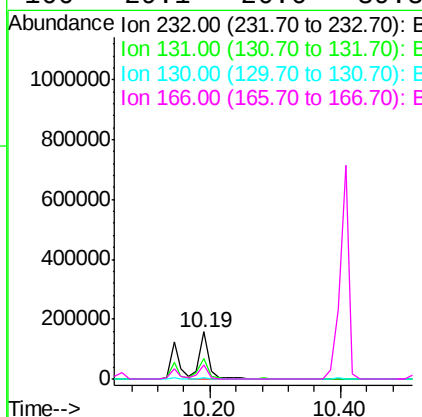
Manual Integrations
 APPROVED

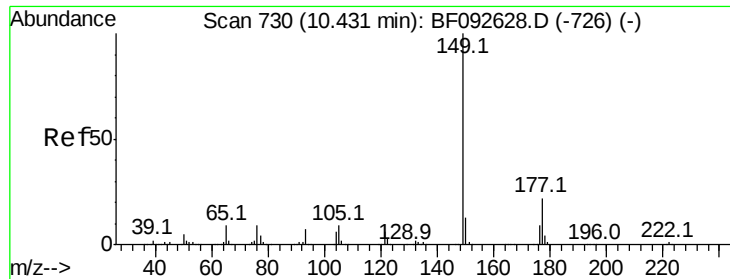
mohammad
 3/3/2017 5:16:22 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.47 ng
 RT: 10.19 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	160835		
131	43.9		40.1	60.1
130	1.9		1.8	2.8
166	29.1		26.6	39.8





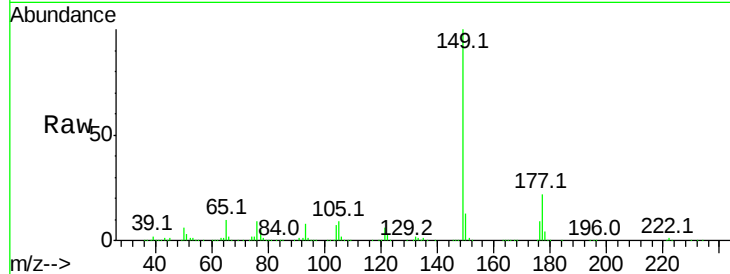
#59
Diethylphthalate
Concen: 46.43 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampled :
PB97255BS

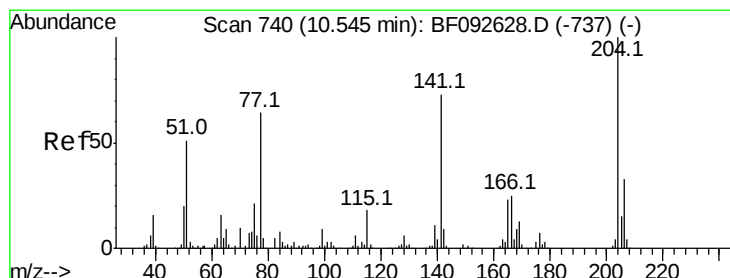
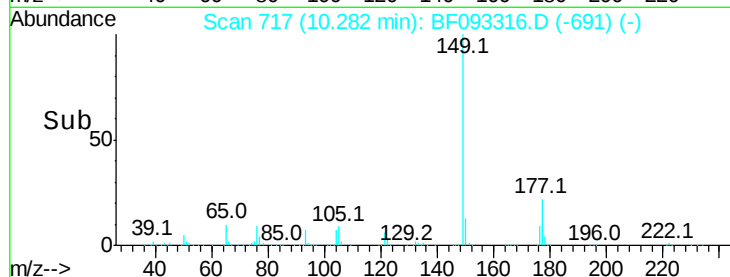
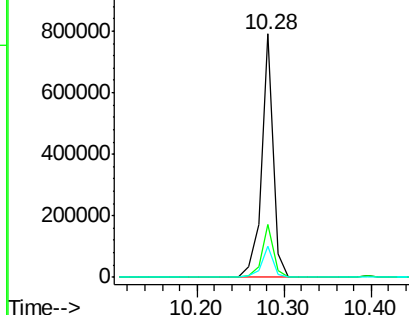
Tot Ion	Ratio	Resp	Lower	Upper
149	100	740611		
177	21.6		16.6	25.0
150	12.8		10.4	15.6

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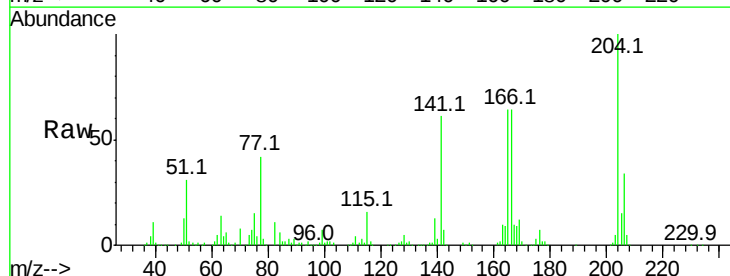


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

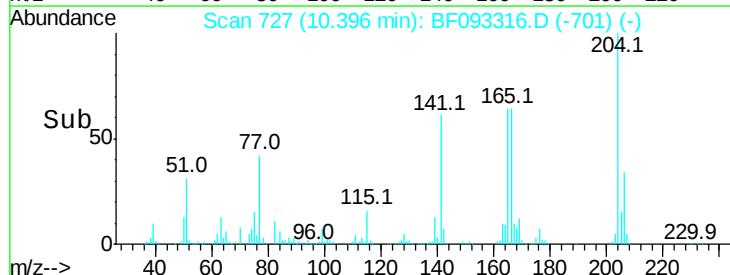
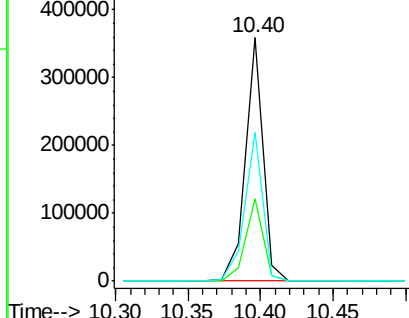


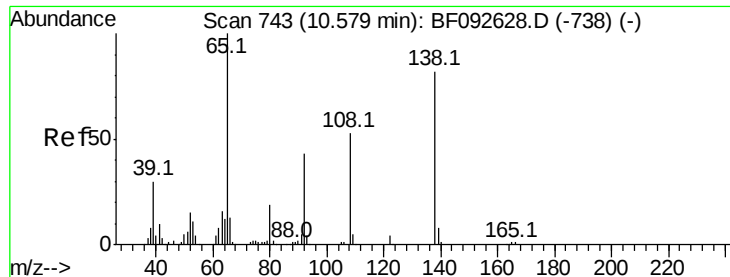
#60
4-Chlorophenyl-phenylether
Concen: 41.65 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	302694		
206	34.0		25.8	38.6
141	61.0		59.4	89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.31 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Instrument :

BNA_F

ClientSampleId :

PB97255BS

Tot Ion:138 Resp: 185587

Ion Ratio Lower Upper

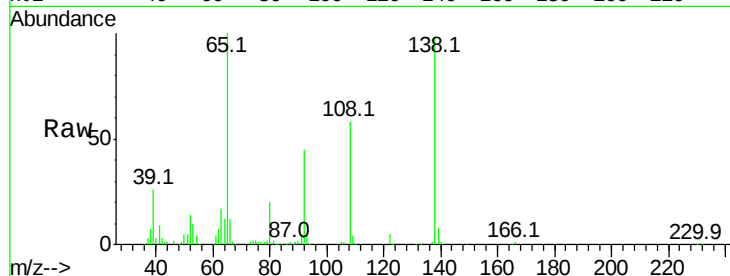
138 100

92 45.5 31.7 71.7

108 58.2 52.6 92.6

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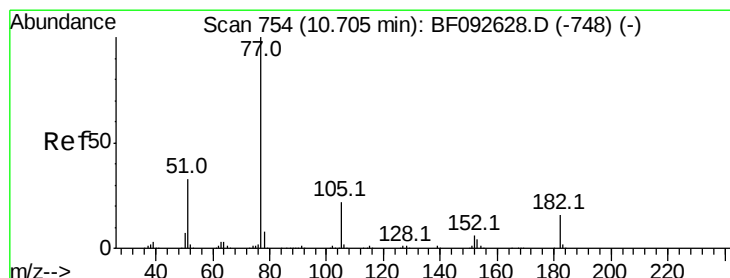
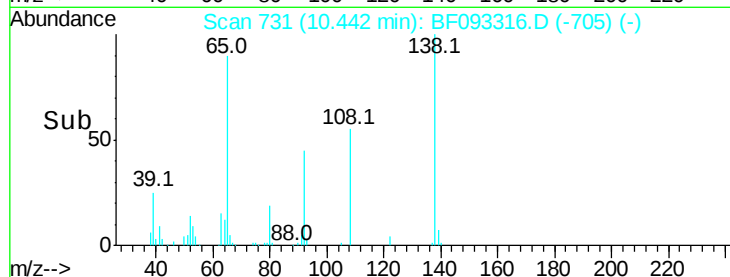
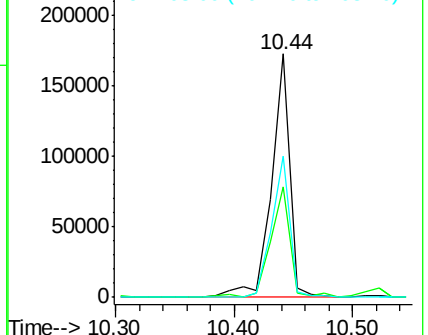
mohammad
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 48.49 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Tgt Ion: 77 Resp: 799154

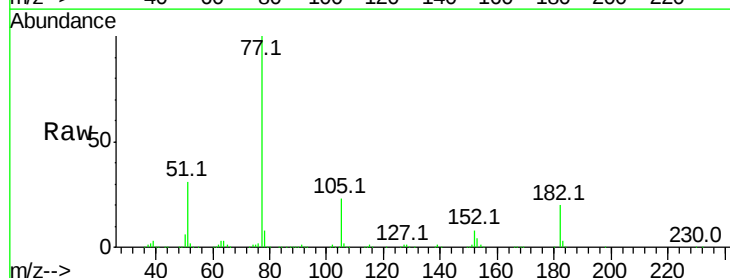
Ion Ratio Lower Upper

77 100

182 20.1 0.0 39.3

105 22.9 2.3 42.3

51 31.3 8.9 48.9

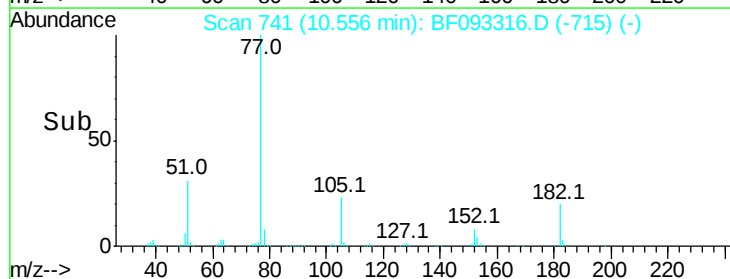
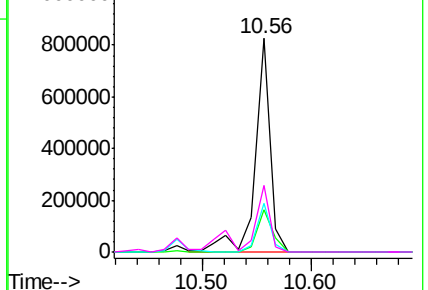


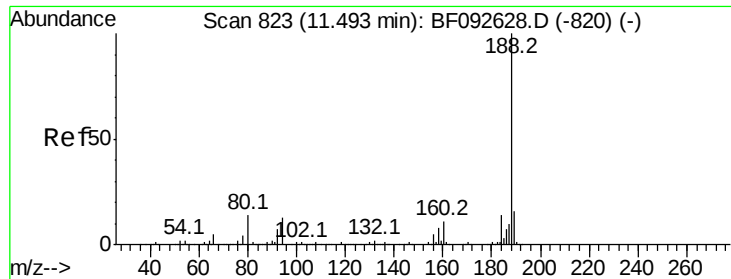
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





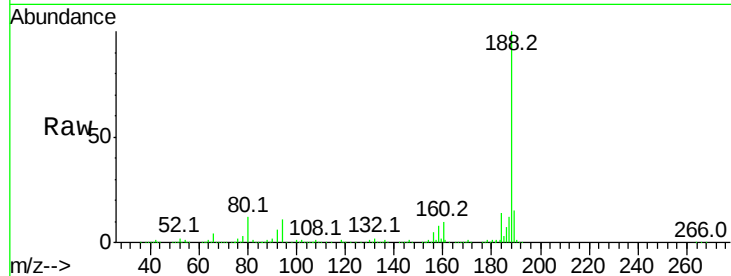
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	485442		
94	11.0		10.0	15.0
80	11.8		11.2	16.8

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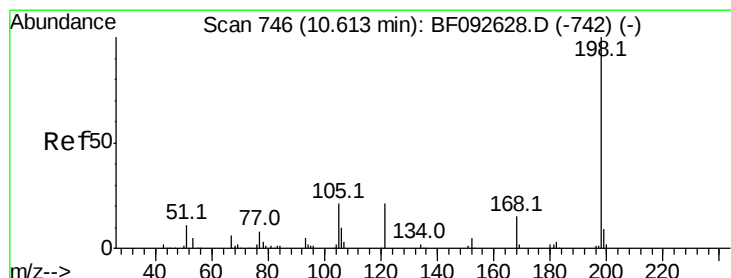
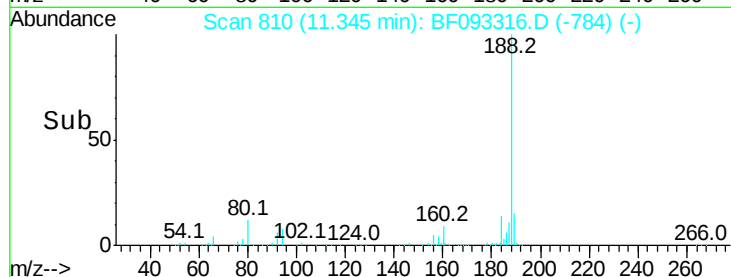
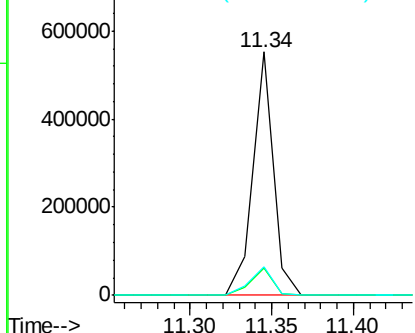
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Abundance Ion 188.00 (187.70 to 188.70): E

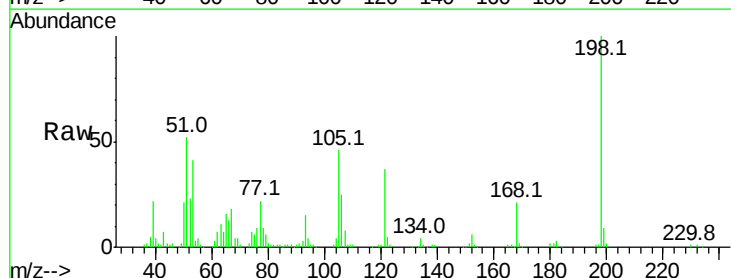
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
4,6-Dinitro-2-methylphenol
Concen: 35.46 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

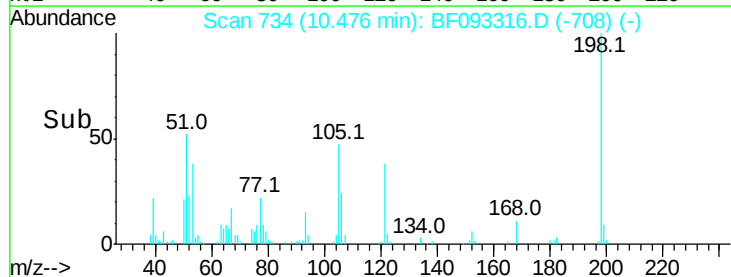
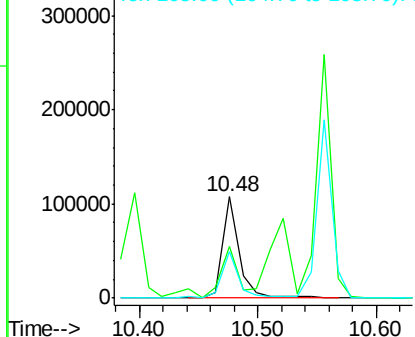
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	102592		
51	51.5		6.7	46.7#
105	45.9		16.6	56.6

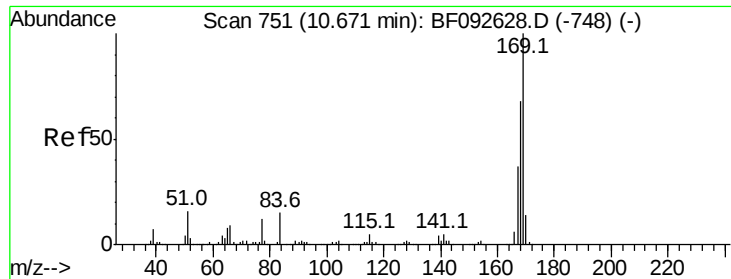


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





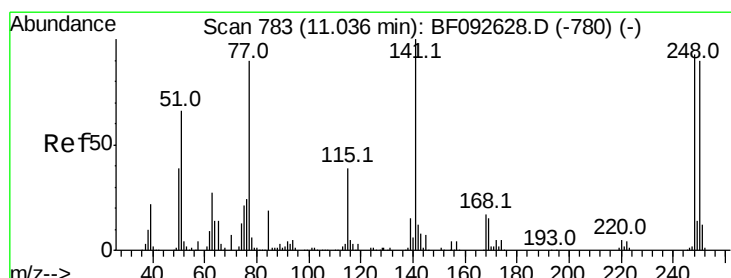
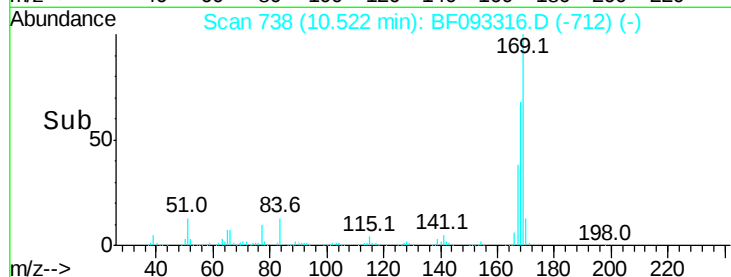
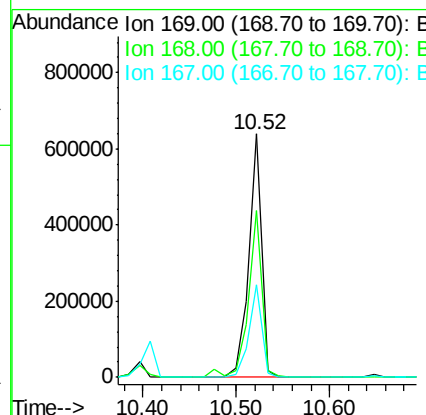
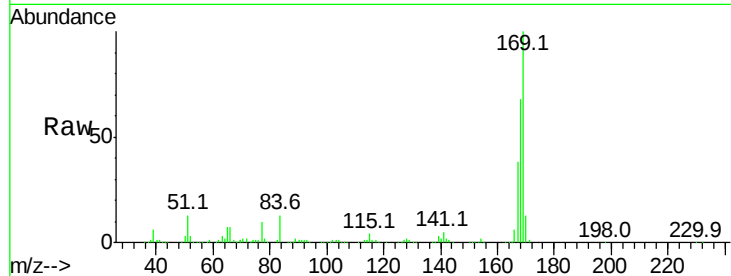
#65
n-Nitrosodiphenylamine
Concen: 39.23 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	608398		
168	68.5	54.2	81.2	
167	37.8	30.2	45.4	

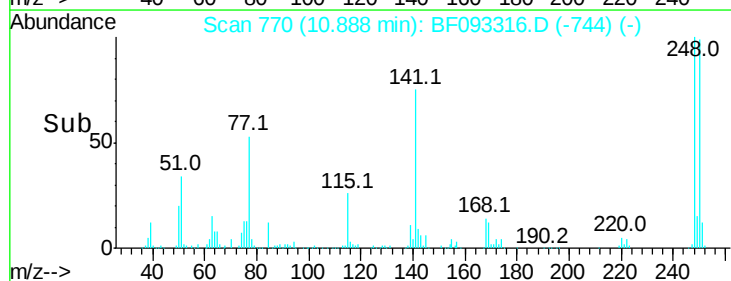
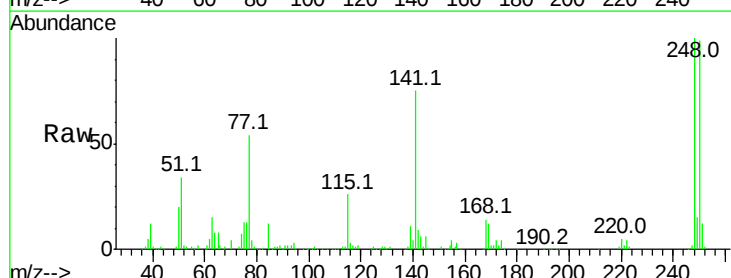
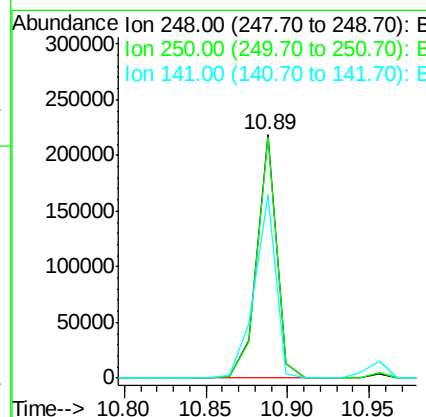
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#66
4-Bromophenyl-phenylether
Concen: 36.32 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	184183		
250	98.9	76.9	115.3	
141	75.2	68.2	102.4	





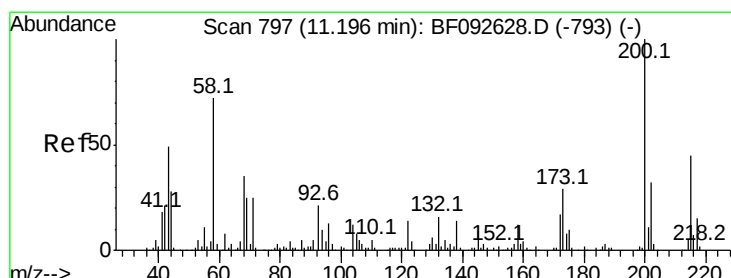
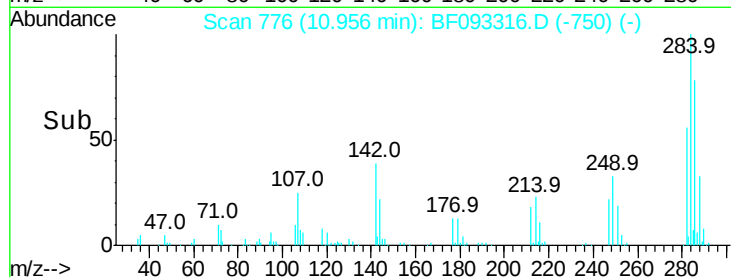
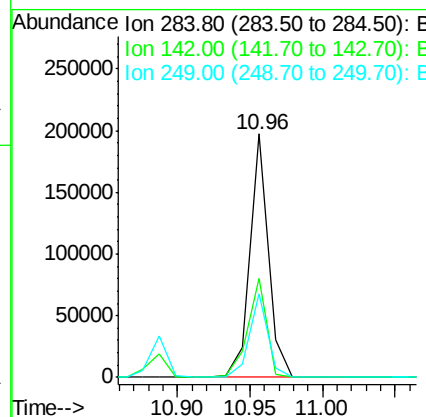
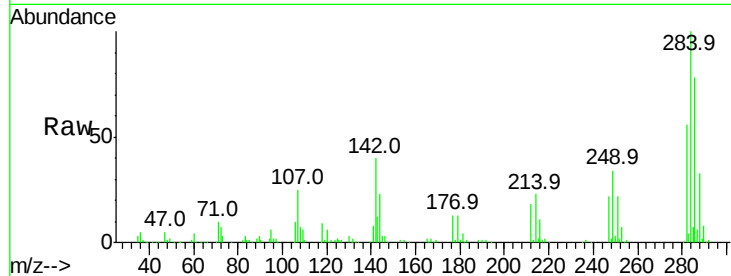
#67
Hexachlorobenzene
Concen: 34.83 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	174574		
142	40.4	22.6	33.8#	
249	34.2	25.4	38.0	

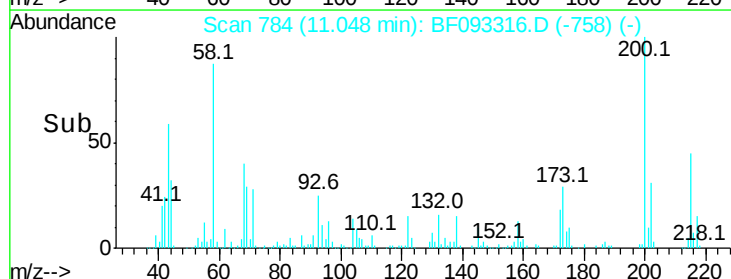
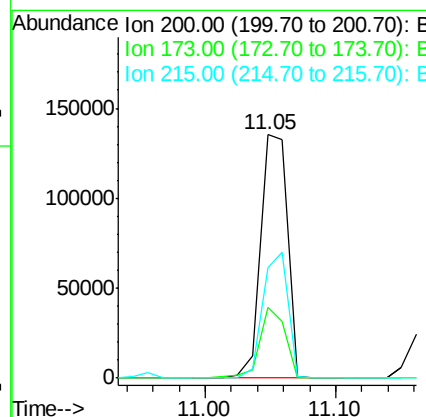
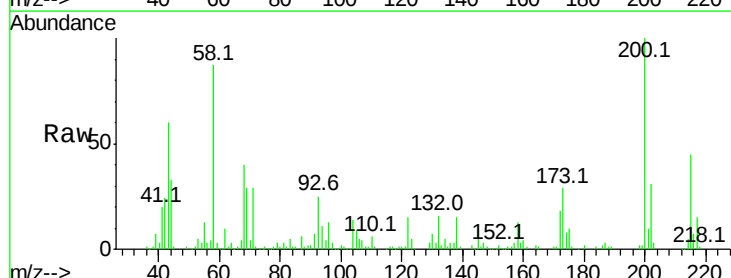
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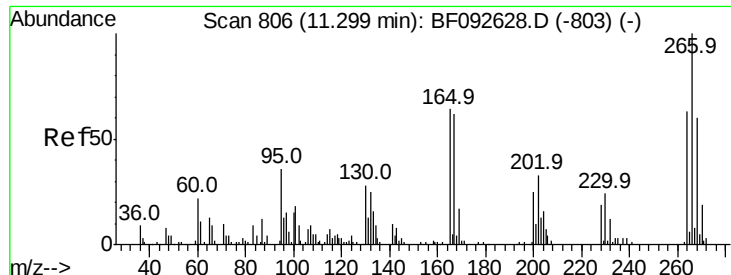
mohammad
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#68
Atrazine
Concen: 39.17 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	194929		
173	28.8	9.6	49.6	
215	45.2	25.7	65.7	





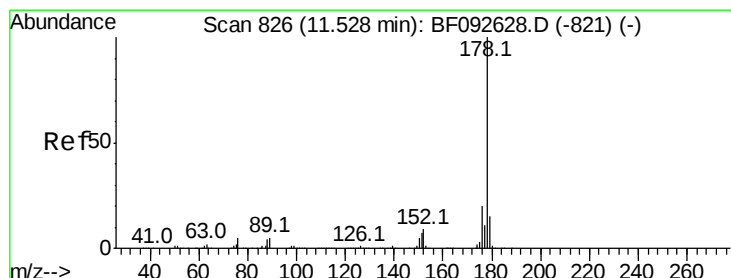
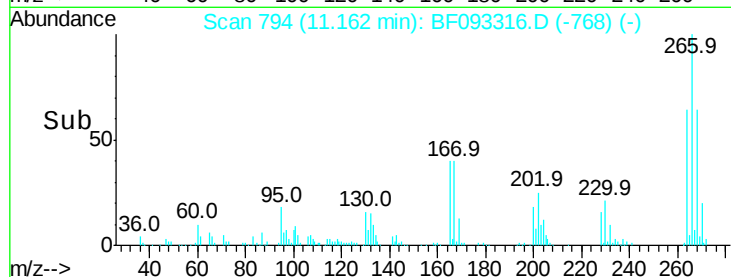
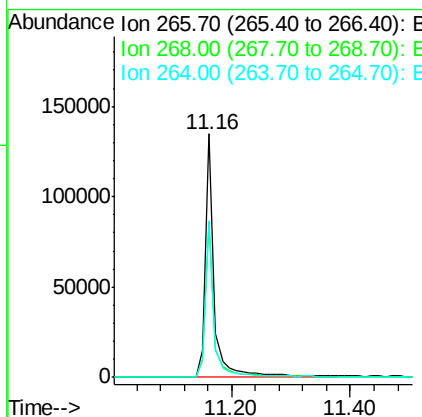
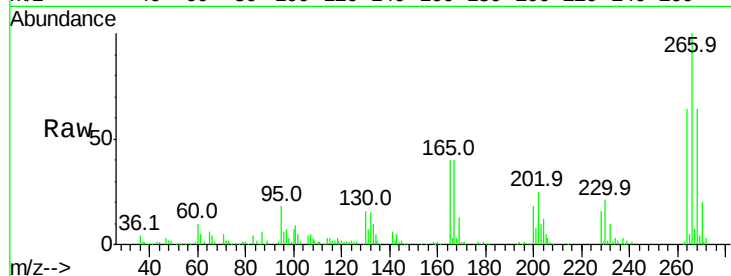
#69
 Pentachlorophenol
 Concen: 58.34 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB97255BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	145389		
268	63.6	53.3	79.9	
264	64.1	50.3	75.5	

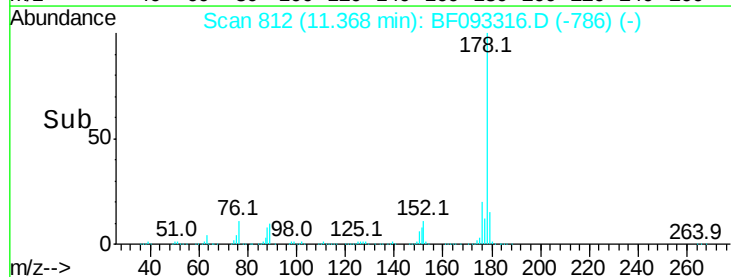
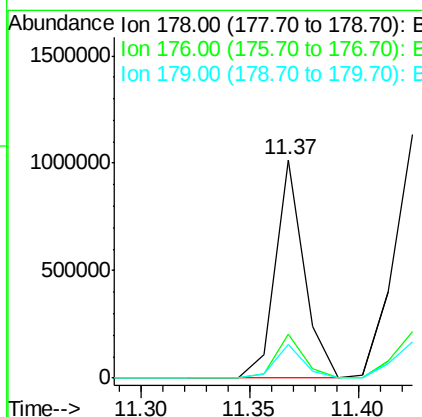
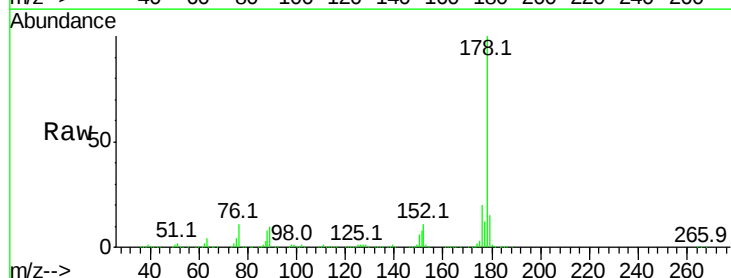
Manual Integrations
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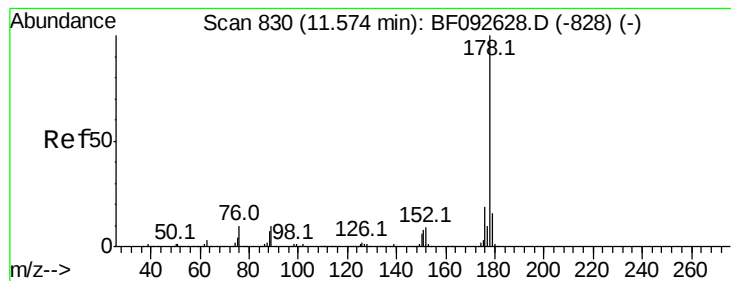
mohammad
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#70
 Phenanthrene
 Concen: 33.86 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	941712		
176	19.9	16.6	25.0	
179	15.4	12.8	19.2	





#71

Anthracene

Concen: 39.01 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Instrument :

BNA_F

ClientSampled :

PB97255BS

Tot Ion:178 Resp: 1089520

Ion Ratio Lower Upper

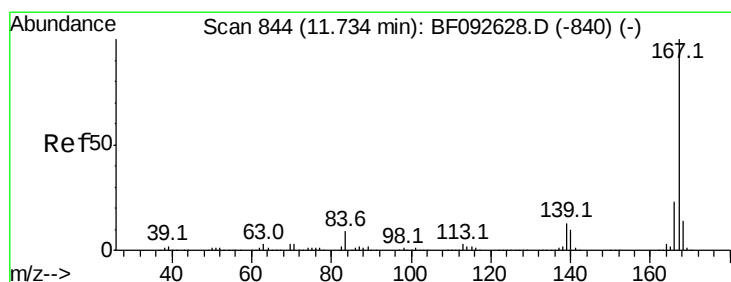
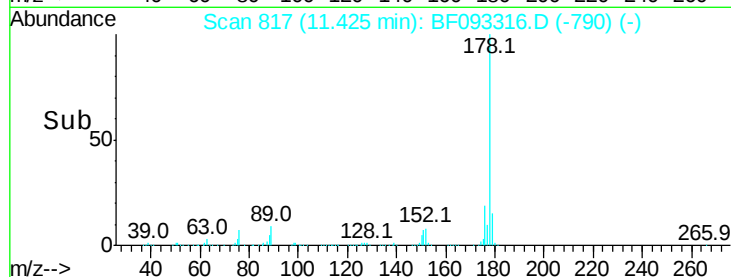
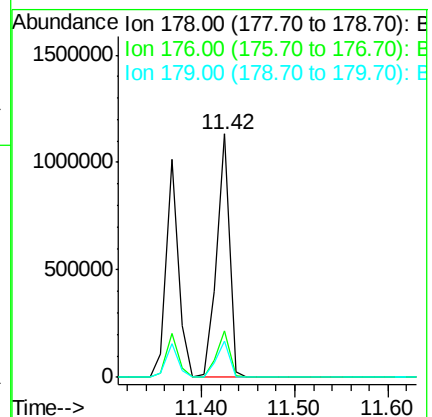
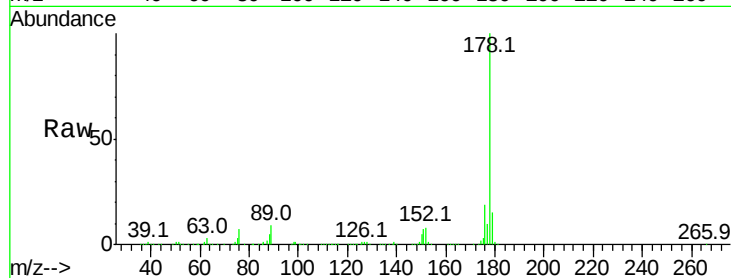
178 100

176 18.9 15.9 23.9

179 15.1 13.2 19.8

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#72

Carbazole

Concen: 36.39 ng

RT: 11.58 min Scan# 831

Delta R.T. 0.01 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

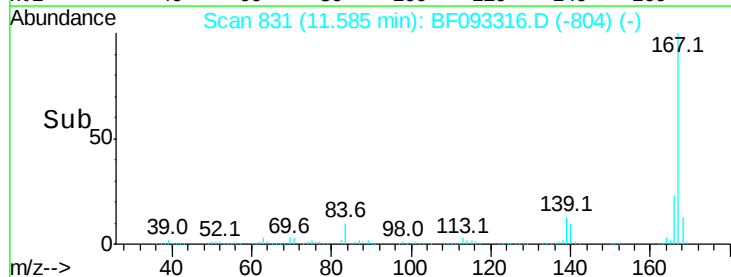
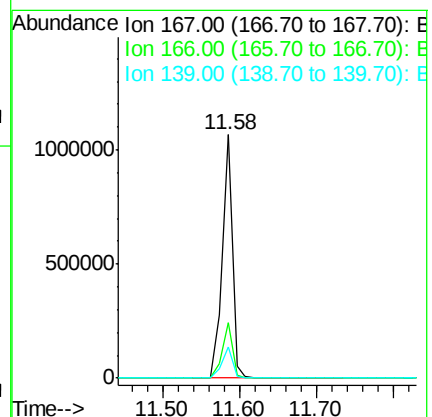
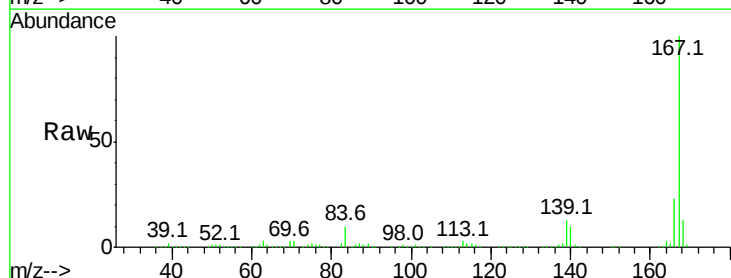
Tgt Ion:167 Resp: 971464

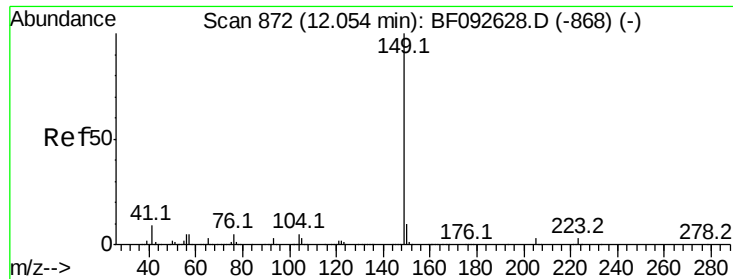
Ion Ratio Lower Upper

167 100

166 22.6 18.2 27.2

139 12.6 11.4 17.2





#73

Di-n-butylphthalate

Concen: 38.54 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Instrument :

BNA_F

ClientSampleId :

PB97255BS

Tot Ion:149 Resp: 1112868

Ion Ratio Lower Upper

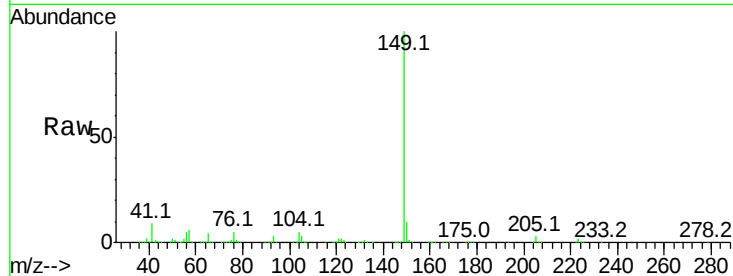
149 100

150 9.7 8.1 12.1

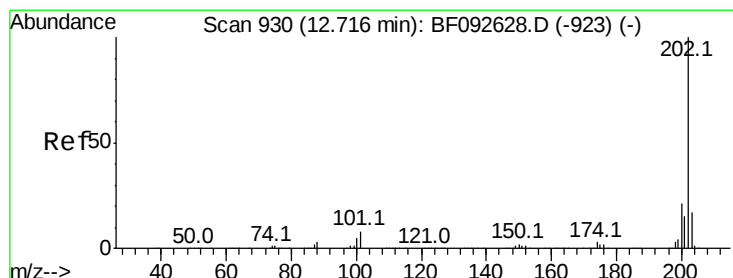
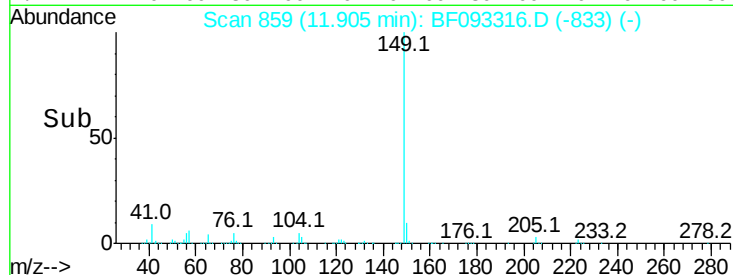
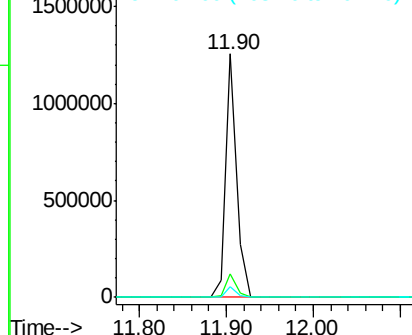
104 4.6 4.6 7.0#

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3/3/2017 5:16:22 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.40 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

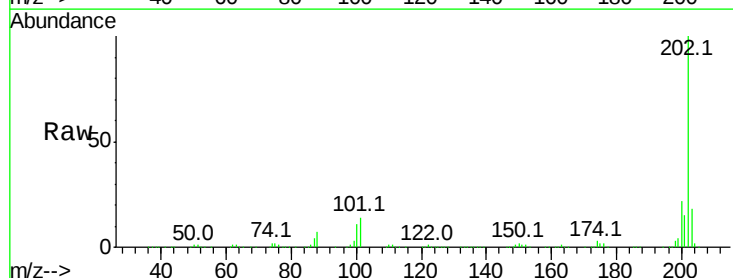
Tgt Ion:202 Resp: 1015631

Ion Ratio Lower Upper

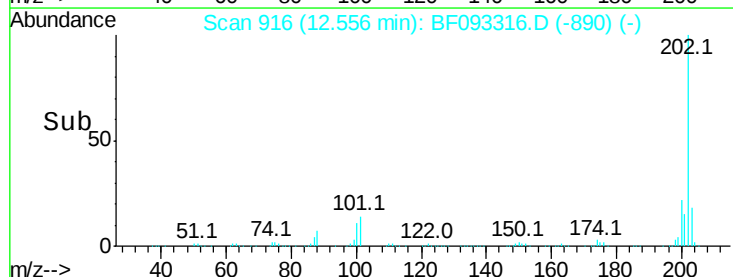
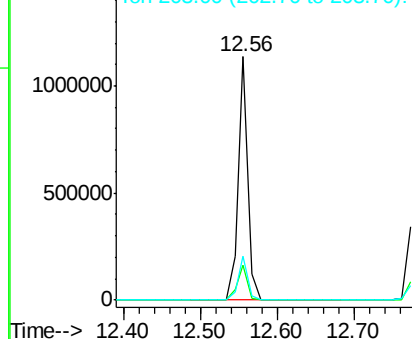
202 100

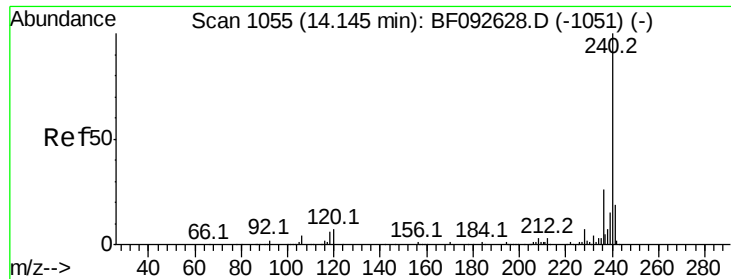
101 14.1 0.0 34.6

203 18.0 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Instrument :

BNA_F

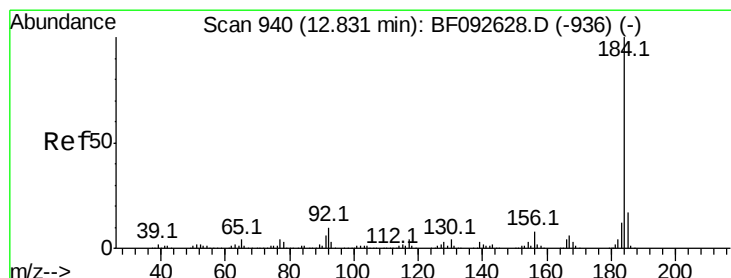
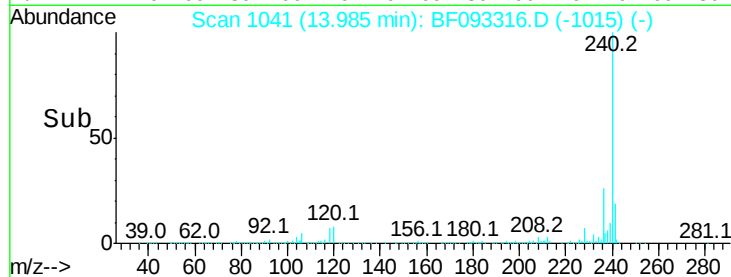
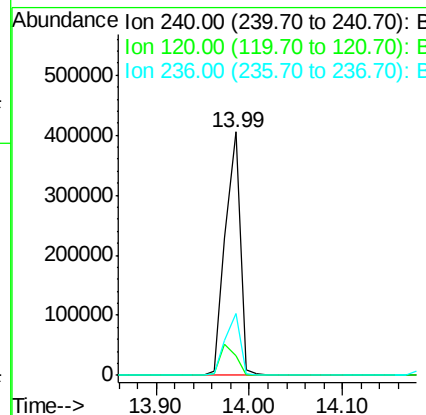
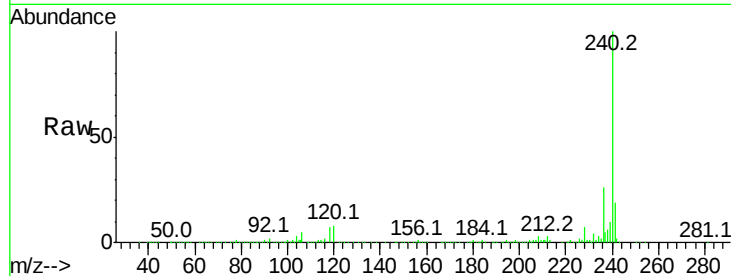
ClientSampled :

PB97255BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.0	12.9	19.3#
236	25.6	20.9	31.3

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3/3/2017 5:16:22 PM



#76

Benzidine

Concen: 13.05 ng

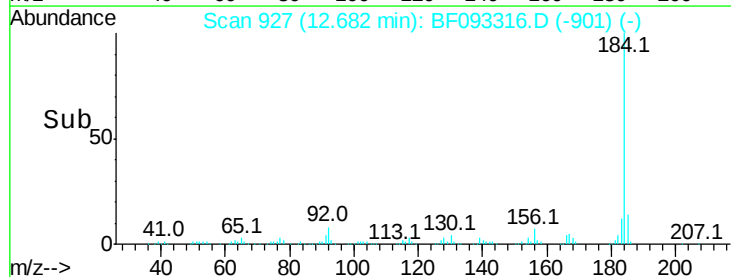
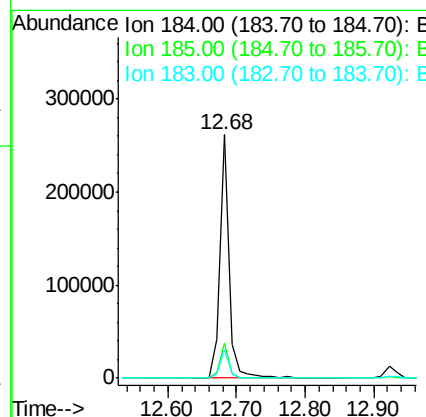
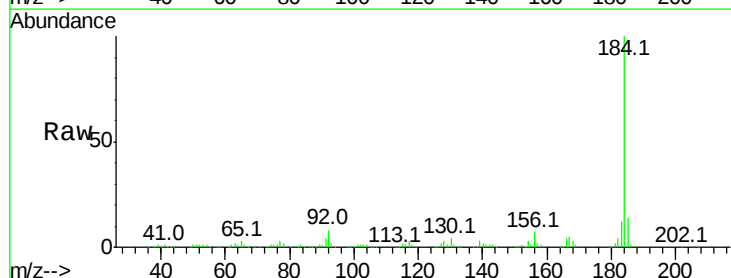
RT: 12.68 min Scan# 927

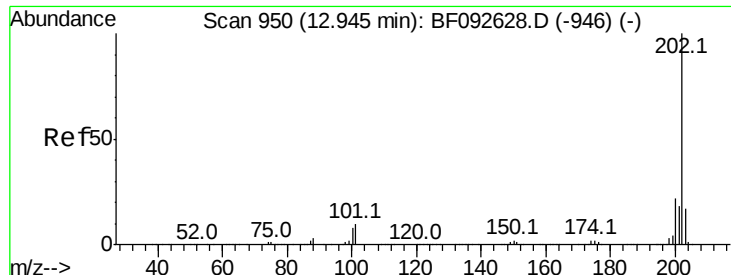
Delta R.T. -0.00 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.4	20.0
183	11.6	9.2	13.8





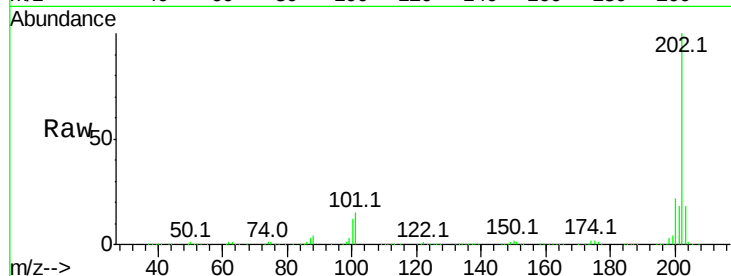
#77
Pvrene
Concen: 31.93 ng
RT: 12.78 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	17.7	14.7	22.1

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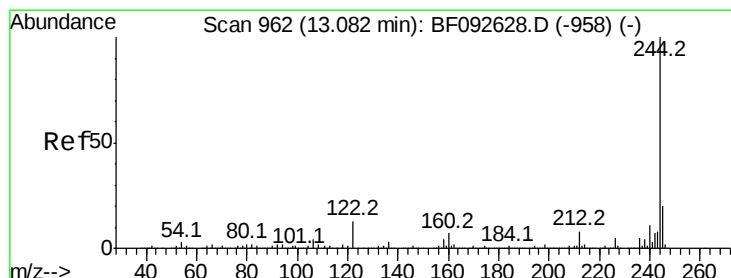
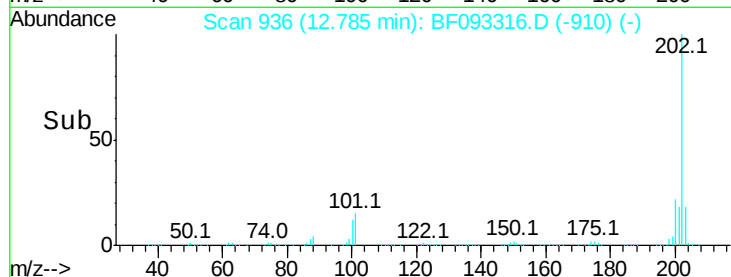
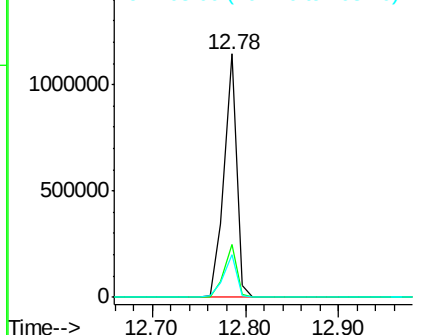


Abundance

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



#78
Terphenyl-d14
Concen: 61.99 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

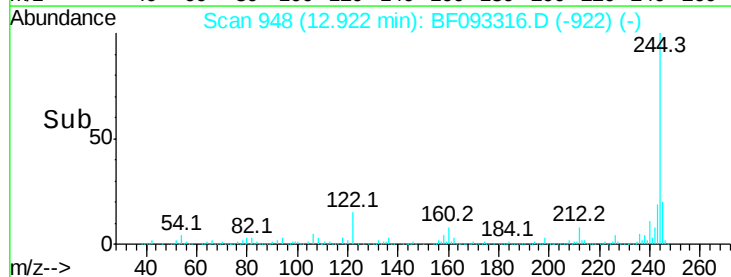
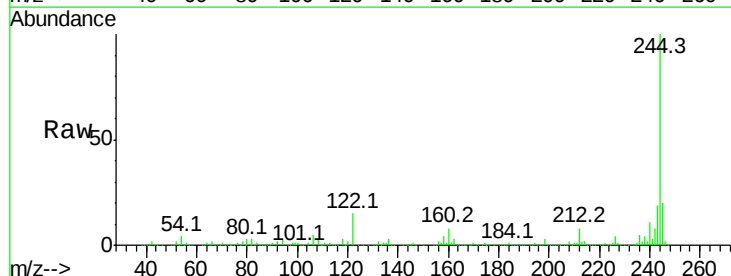
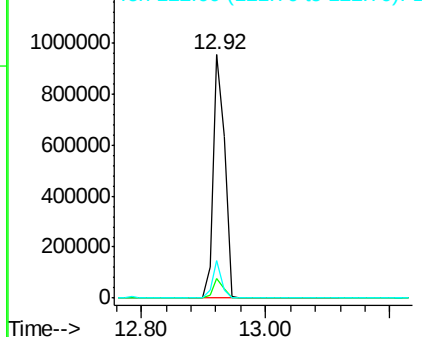
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	15.4	11.4	17.2

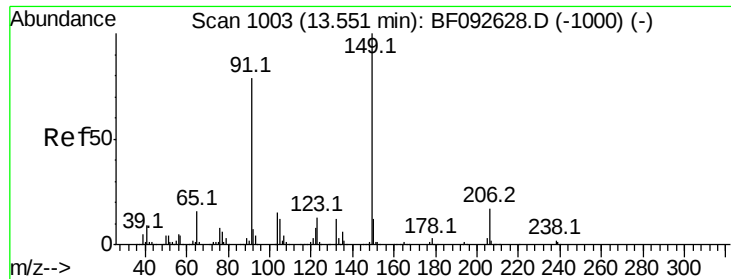
Abundance

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





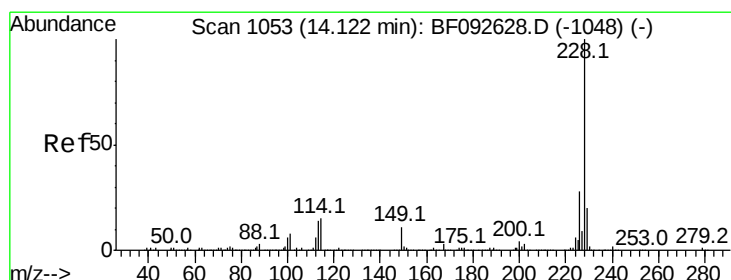
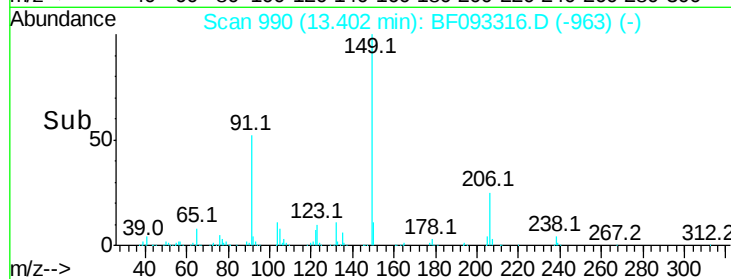
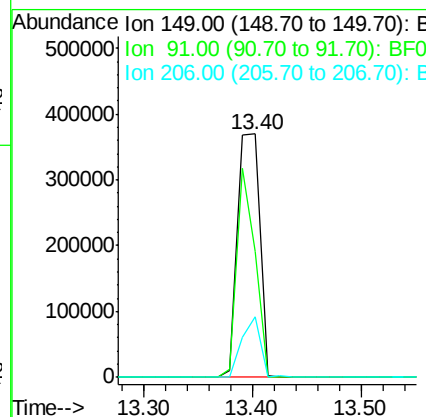
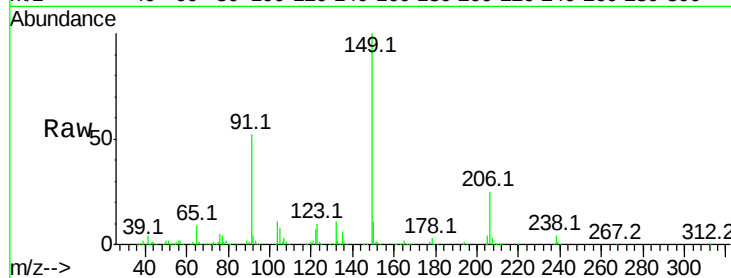
#79
Butylbenzylphthalate
Concen: 37.87 ng
RT: 13.40 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleID :
PB97255BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	517252		
91	51.9	63.9	95.9#	
206	24.9	14.6	21.8#	

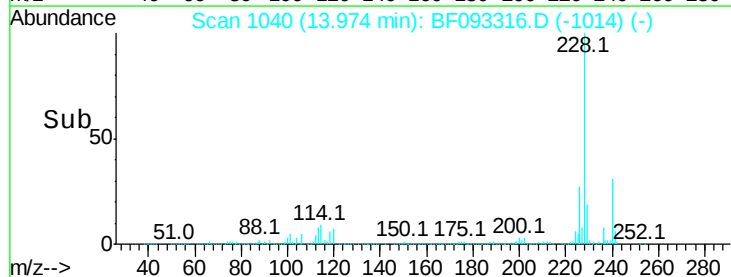
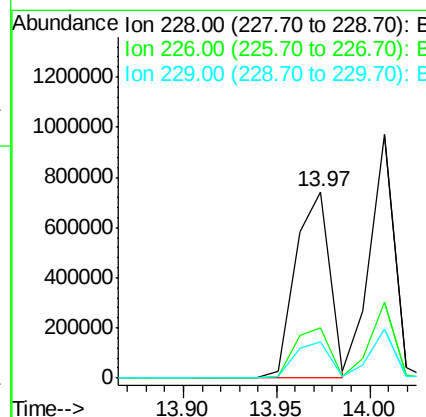
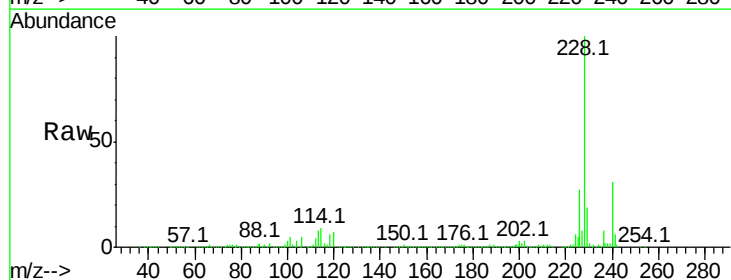
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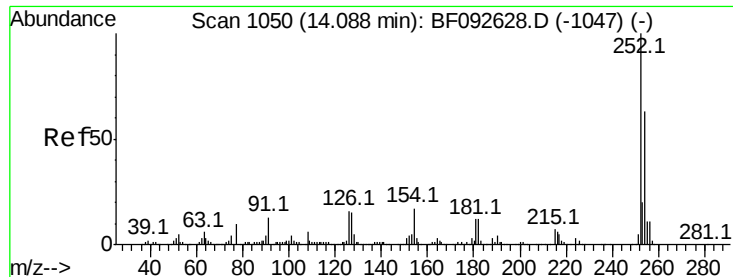
mohammad
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#80
Benzo(a)anthracene
Concen: 34.39 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	945350		
226	27.2	22.4	33.6	
229	19.1	16.2	24.4	





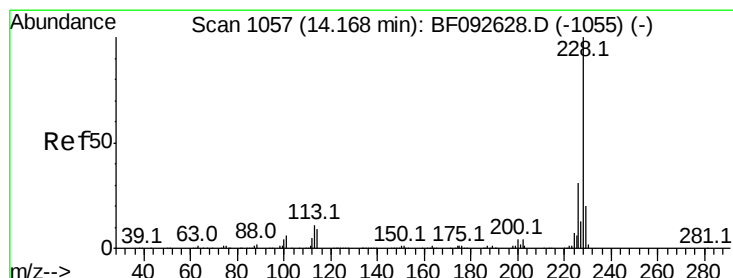
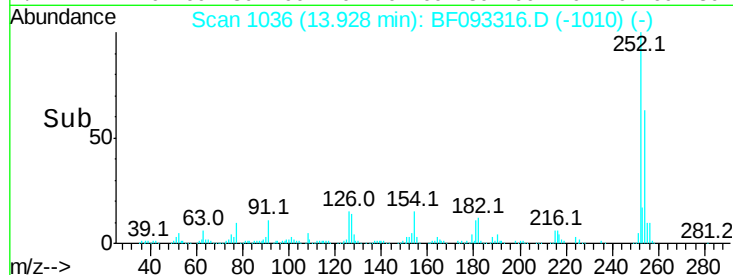
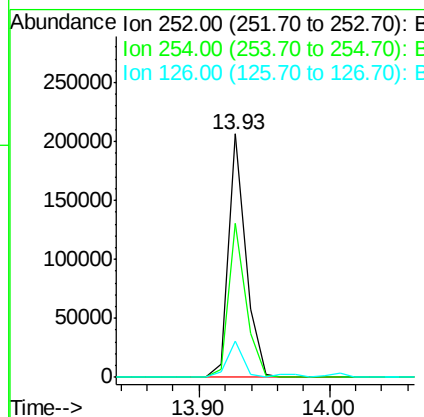
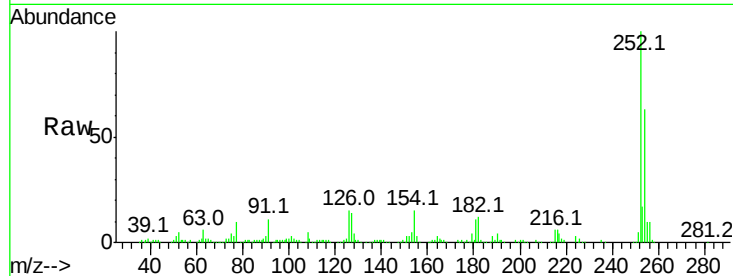
#81
 3,3'-Dichlorobenzidine
 Concen: 19.62 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Instrument :
 BNA_F
 ClientSampled :
 PB97255BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	192263		
254	63.5	52.3	78.5	
126	14.8	13.6	20.4	

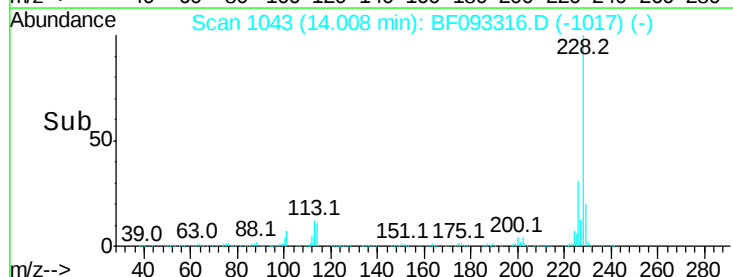
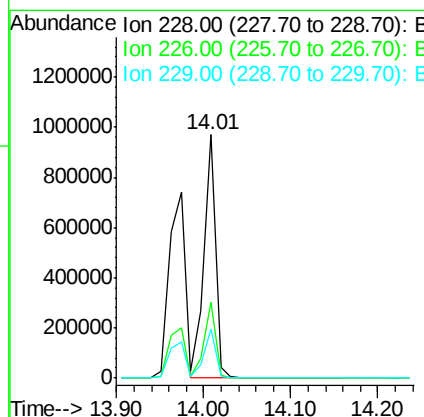
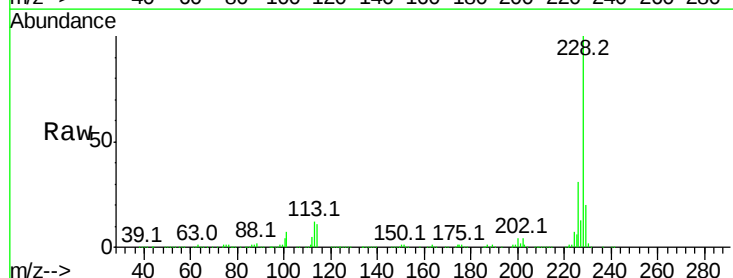
Manual Integrations
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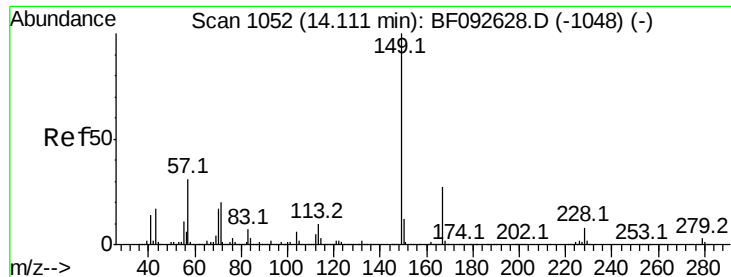
mohammad
 3/3/2017 5:16:22 PM



#82
 Chrysene
 Concen: 34.48 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	887539		
226	31.2	25.4	38.0	
229	20.0	16.2	24.2	





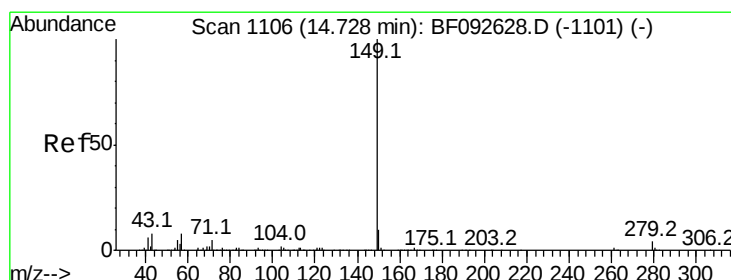
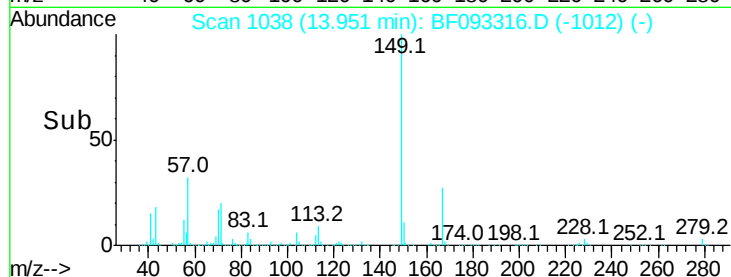
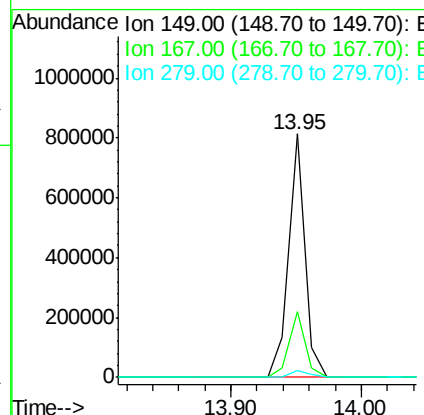
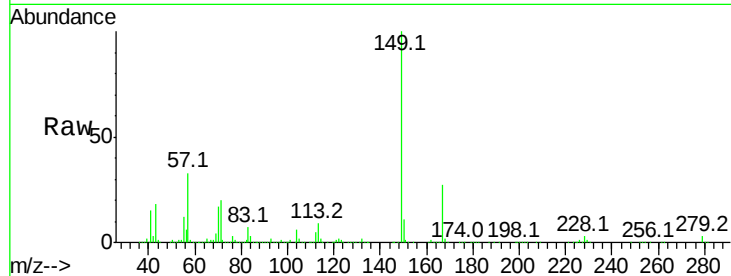
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.57 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Instrument :
 BNA_F
 ClientSampleID :
 PB97255BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	20.2	30.4
279	2.6	1.8	2.8

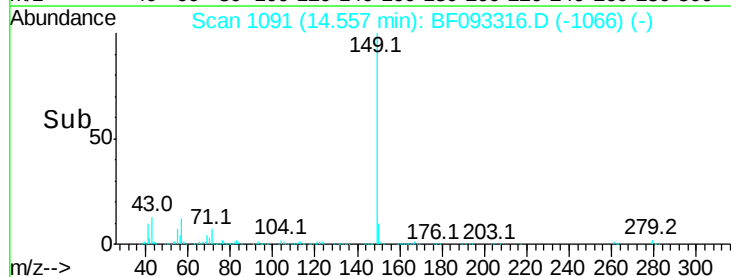
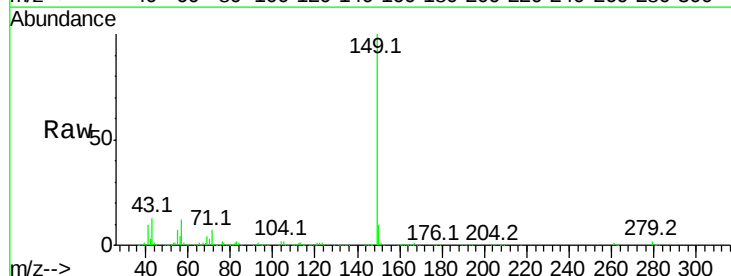
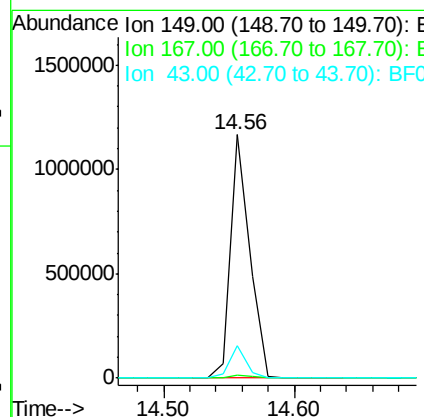
Manual Integrations
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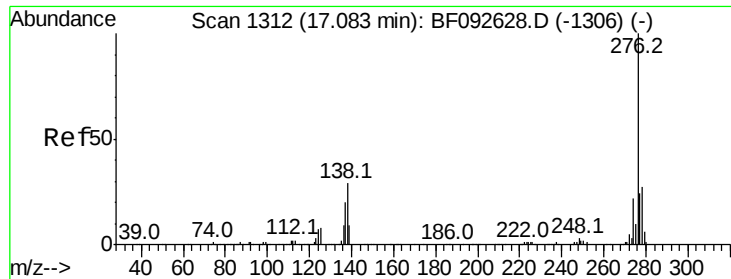
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 39.08 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. -0.01 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.9	8.9	13.3





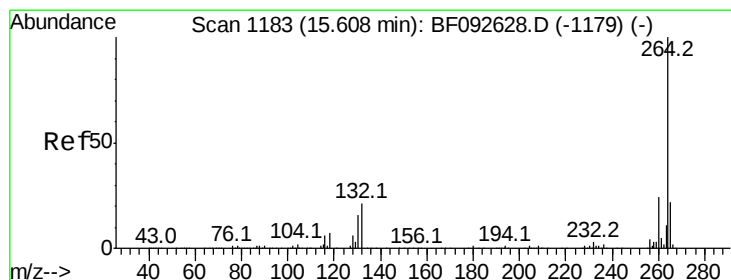
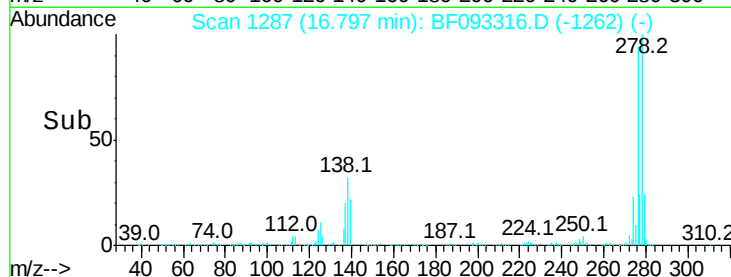
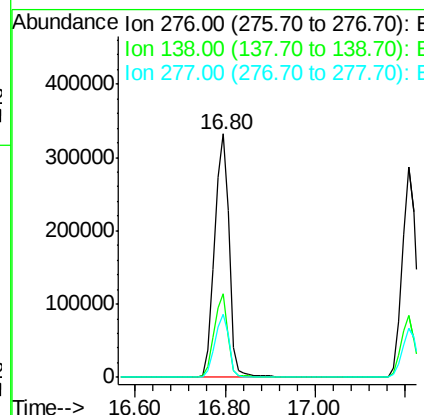
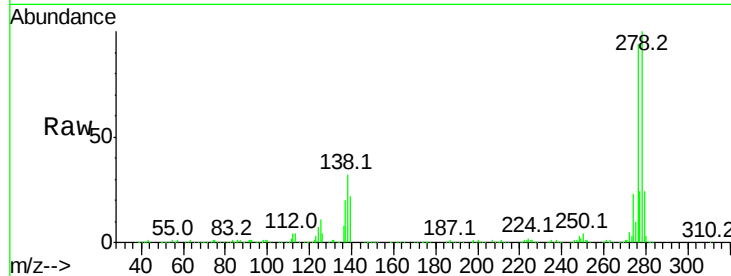
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.80 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.5	21.8	32.6
277	25.1	20.2	30.4

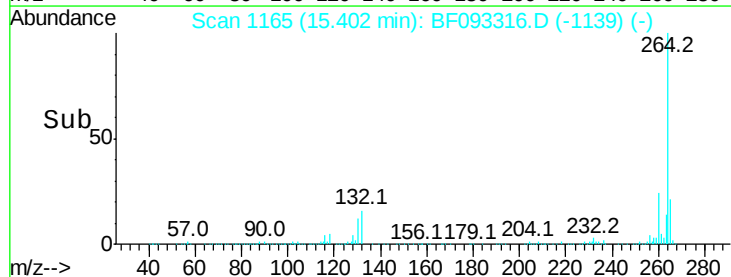
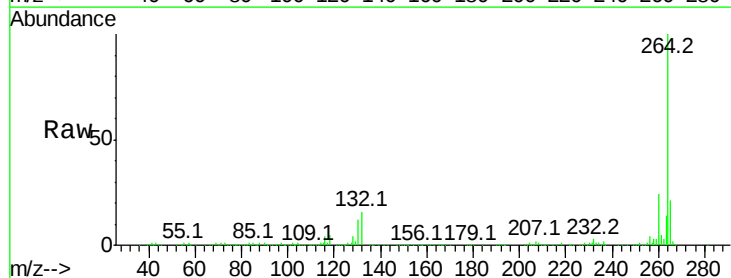
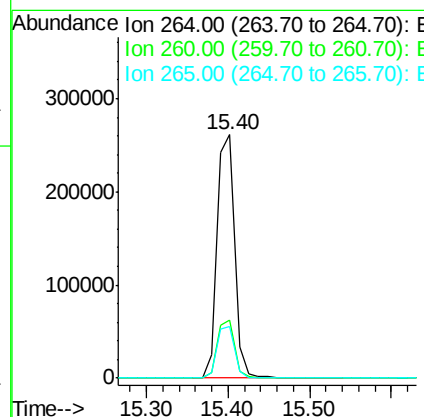
Manual Integrations
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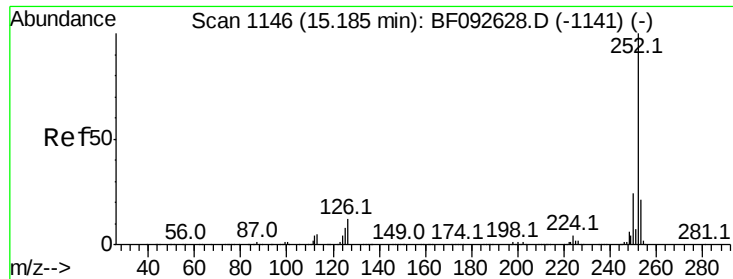
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.1	17.4	26.0





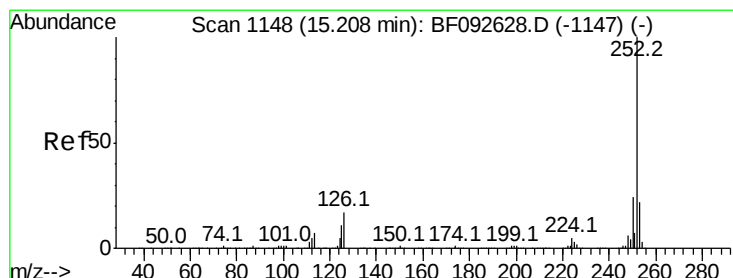
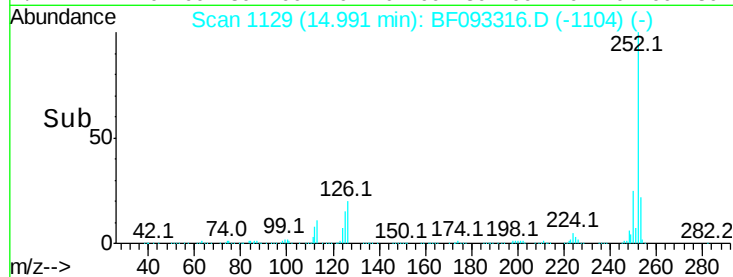
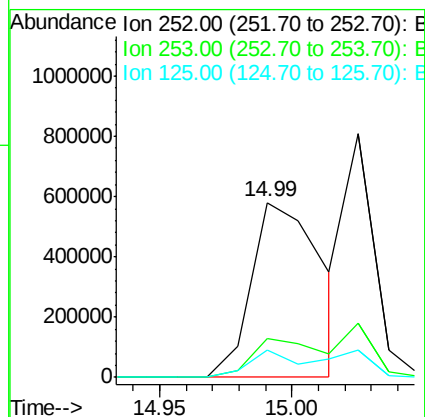
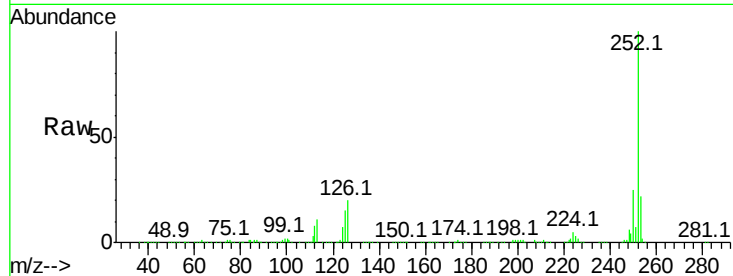
#87
Benzo(b)fluoranthene
Concen: 41.22 ng m
RT: 14.99 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tot Ion:252 Resp: 1066388
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 15.3 9.8 14.6#

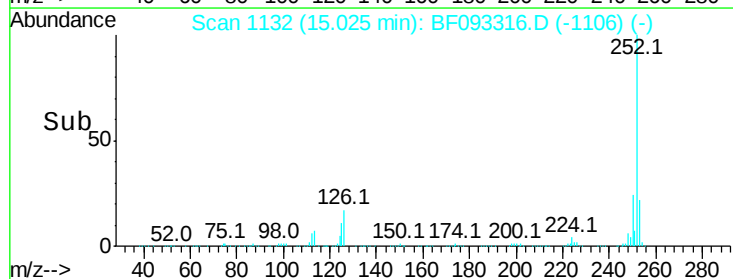
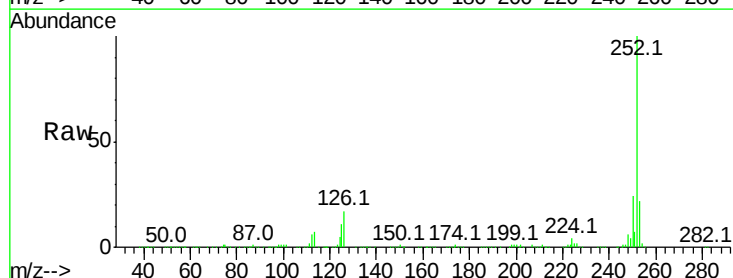
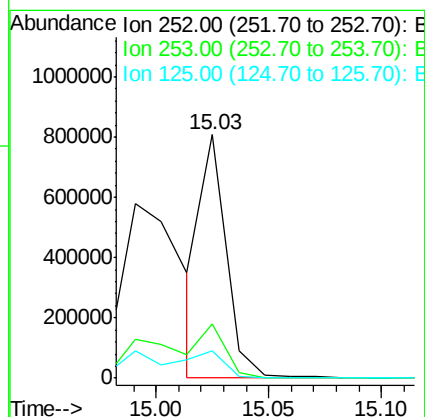
Manual Integrations
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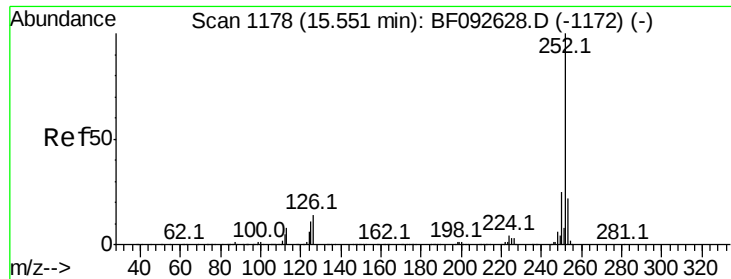
mohammad
3/3/2017 5:16:22 PM



#88
Benzo(k)fluoranthene
Concen: 28.34 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion:252 Resp: 632998
Ion Ratio Lower Upper
252 100
253 22.0 18.5 27.7
125 11.1 8.9 13.3





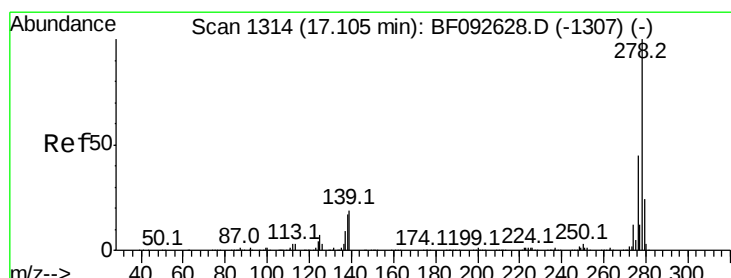
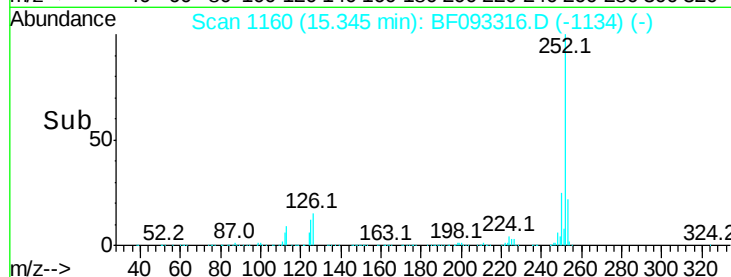
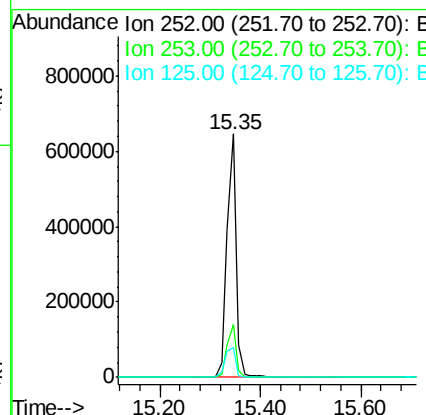
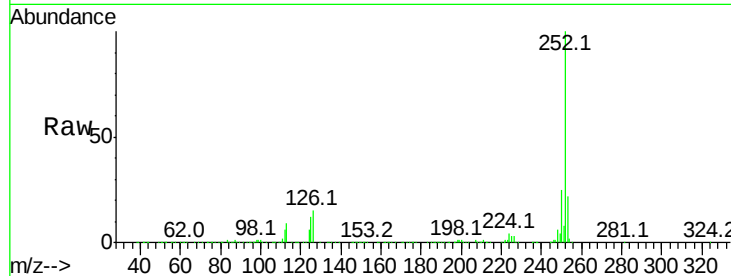
#89
Benzo(a)pyrene
Concen: 36.71 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	12.2	10.0	15.0

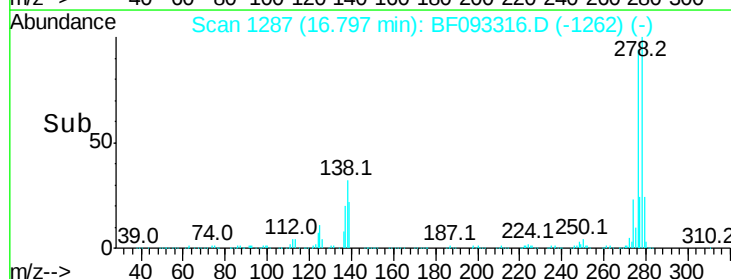
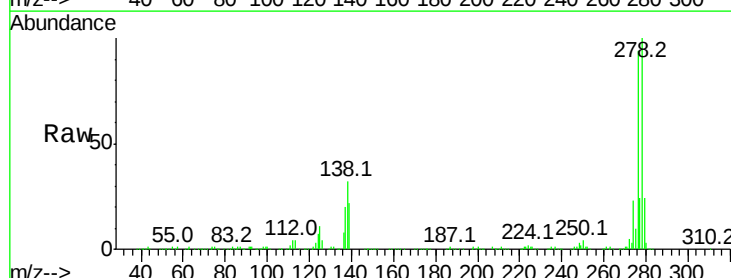
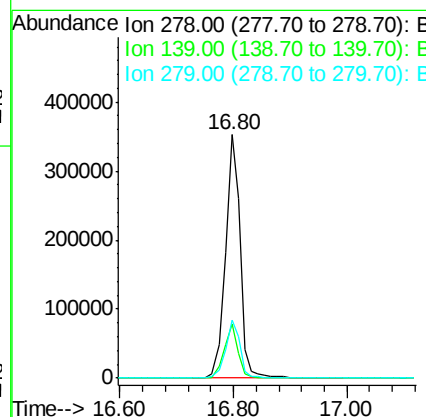
Manual Integrations
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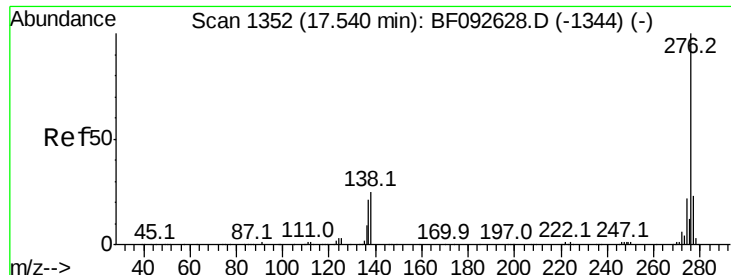
mohammad
3/3/2017 5:16:22 PM



#90
Dibenzo(a,h)anthracene
Concen: 35.09 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.2	14.8	22.2
279	23.8	19.8	29.6





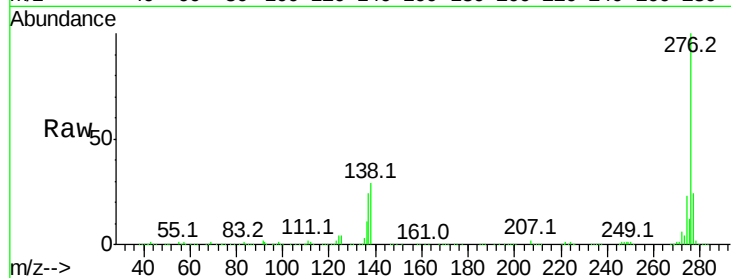
#91
 Benzo(a,h,i)perylene
 Concen: 34.16 ng
 RT: 17.21 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB97255BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.6	19.2	28.8	
138	29.2	16.0	24.0	

Manual Integrations
 APPROVED

mohammad
 3/3/2017 5:16:22 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

