

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093132.D
 Acq On : 24 Feb 2017 6:02
 Operator : SJ/MA
 Sample : PB97121BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97121BS

Manual Integrations
 APPROVED

mohammad
 2/24/2017 2:11:37 PM

Quant Time: Feb 24 06:43:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	156088	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	587331	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	245748	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	367943	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	285103	20.00	ng	-0.01
86) Perylene-d12	15.43	264	261312	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	833674	91.63	ng	0.00
7) Phenol-d6	6.49	99	1011724	86.43	ng	0.00
23) Nitrobenzene-d5	7.41	82	845996	80.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	142539	80.20	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1291551	95.21	ng	-0.01
78) Terphenyl-d14	12.95	244	846813	69.79	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.48	88	171183	34.82	ng	# 84
3) Pyridine	3.20	79	443899	35.51	ng	89
4) n-Nitrosodimethylamine	3.15	42	247860	42.23	ng	84
6) Aniline	6.50	93	230652	14.44	ng	# 9
8) 2-Chlorophenol	6.62	128	396633	39.52	ng	91
9) Benzaldehyde	6.38	77	196933	23.48	ng	93
10) Phenol	6.50	94	574636	41.96	ng	80
11) bis(2-Chloroethyl)ether	6.58	93	415878	38.04	ng	93
12) 1,3-Dichlorobenzene	6.78	146	464820	39.54	ng	98
13) 1,4-Dichlorobenzene	6.86	146	469842m	39.49	ng	
14) 1,2-Dichlorobenzene	7.01	146	431946	37.96	ng	99
15) Benzyl Alcohol	6.99	79	315007	36.35	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	723151	38.08	ng	95
17) 2-Methylphenol	7.12	107	346901	40.29	ng	99
18) Hexachloroethane	7.36	117	140032	34.48	ng	100
19) n-Nitroso-di-n-propylamine	7.26	70	284700	38.21	ng	96
20) 3+4-Methylphenols	7.26	107	422659	41.05	ng	# 81
22) Acetophenone	7.26	105	565183	42.15	ng	# 94
24) Nitrobenzene	7.44	77	471470	43.53	ng	96
25) Isophorone	7.68	82	815288	41.48	ng	97
26) 2-Nitrophenol	7.76	139	220869	42.90	ng	# 85
27) 2,4-Dimethylphenol	7.80	122	373789	41.34	ng	91
28) bis(2-Chloroethoxy)methane	7.89	93	525663	40.38	ng	99
29) 2,4-Dichlorophenol	8.00	162	335372	39.77	ng	89
30) 1,2,4-Trichlorobenzene	8.08	180	354563	39.02	ng	96
31) Naphthalene	8.16	128	1148615	38.58	ng	99
32) Benzoic acid	7.93	122	185565	37.98	ng	98
33) 4-Chloroaniline	8.21	127	123143	10.55	ng	95
34) Hexachlorobutadiene	8.27	225	192091	38.42	ng	99
35) Caprolactam	8.59	113	116459	43.91	ng	# 77
36) 4-Chloro-3-methylphenol	8.70	107	361419	41.11	ng	92
37) 2-Methylnaphthalene	8.84	142	704876	36.87	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	337967	48.99	ng	99
40) Hexachlorocyclopentadiene	8.99	237	58374	18.76	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	208816	46.07	nq	92
43) 2,4,5-Trichlorophenol	9.17	196	221021	44.50	nq #	89
45) 1,1'-Biphenyl	9.31	154	905655	50.89	nq	98
46) 2-Chloronaphthalene	9.33	162	672623	48.32	nq	97
47) 2-Nitroaniline	9.44	65	241793	51.66	nq	90
48) Acenaphthylene	9.74	152	972678	40.45	nq	99
49) Dimethylphthalate	9.61	163	769871	46.51	nq	99
50) 2,6-Dinitrotoluene	9.68	165	169821	47.51	nq #	90
51) Acenaphthene	9.92	154	588200	40.91	nq	96
52) 3-Nitroaniline	9.85	138	100523	24.57	nq #	73
53) 2,4-Dinitrophenol	9.96	184	36884	23.82	nq #	89
54) Dibenzofuran	10.09	168	833734	43.36	nq	97
55) 4-Nitrophenol	10.02	139	219877	74.62	nq	88
56) 2,4-Dinitrotoluene	10.08	165	176972	37.19	nq #	88
57) Fluorene	10.43	166	646794	43.72	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.21	232	161710	48.81	nq	92
59) Diethylphthalate	10.30	149	730303	46.82	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	295233	41.54	nq	94
61) 4-Nitroaniline	10.45	138	138004	32.94	nq	93
62) Azobenzene	10.58	77	763680	47.39	nq	97
64) 4,6-Dinitro-2-methylphenol	10.49	198	36184	17.93	nq #	69
65) n-Nitrosodiphenylamine	10.54	169	590500	50.24	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	175187	45.57	nq	93
67) Hexachlorobenzene	10.98	284	165915	43.68	nq	98
68) Atrazine	11.07	200	181285	48.06	nq	99
69) Pentachlorophenol	11.17	266	147855	75.81	nq	97
70) Phenanthrene	11.39	178	844692	40.07	nq	98
71) Anthracene	11.44	178	835292	39.46	nq	98
72) Carbazole	11.60	167	715741	35.37	nq	99
73) Di-n-butylphthalate	11.93	149	1079169	49.31	nq #	97
74) Fluoranthene	12.58	202	817784	37.61	nq	92
76) Benzidine	12.71	184	520338	42.83	nq	96
77) Pyrene	12.81	202	819055	38.39	nq	98
79) Butylbenzylphthalate	13.43	149	385068	44.44	nq #	76
80) Benzo(a)anthracene	14.00	228	717479	41.15	nq	98
81) 3,3'-Dichlorobenzidine	13.95	252	250027	40.22	nq	100
82) Chrysene	14.03	228	694686	42.55	nq	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	528968	44.64	nq #	99
84) Di-n-octyl phthalate	14.59	149	951843	49.33	nq	99
85) Indeno(1,2,3-cd)pyrene	16.83	276	553740	43.79	nq #	93
87) Benzo(b)fluoranthene	15.03	252	754254m	43.85	nq	
88) Benzo(k)fluoranthene	15.05	252	555874m	37.43	nq	
89) Benzo(a)pyrene	15.37	252	608137	40.88	nq #	97
90) Dibenzo(a,h)anthracene	16.84	278	480282	39.94	nq	98
91) Benzo(g,h,i)perylene	17.25	276	450398	37.08	nq #	91

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

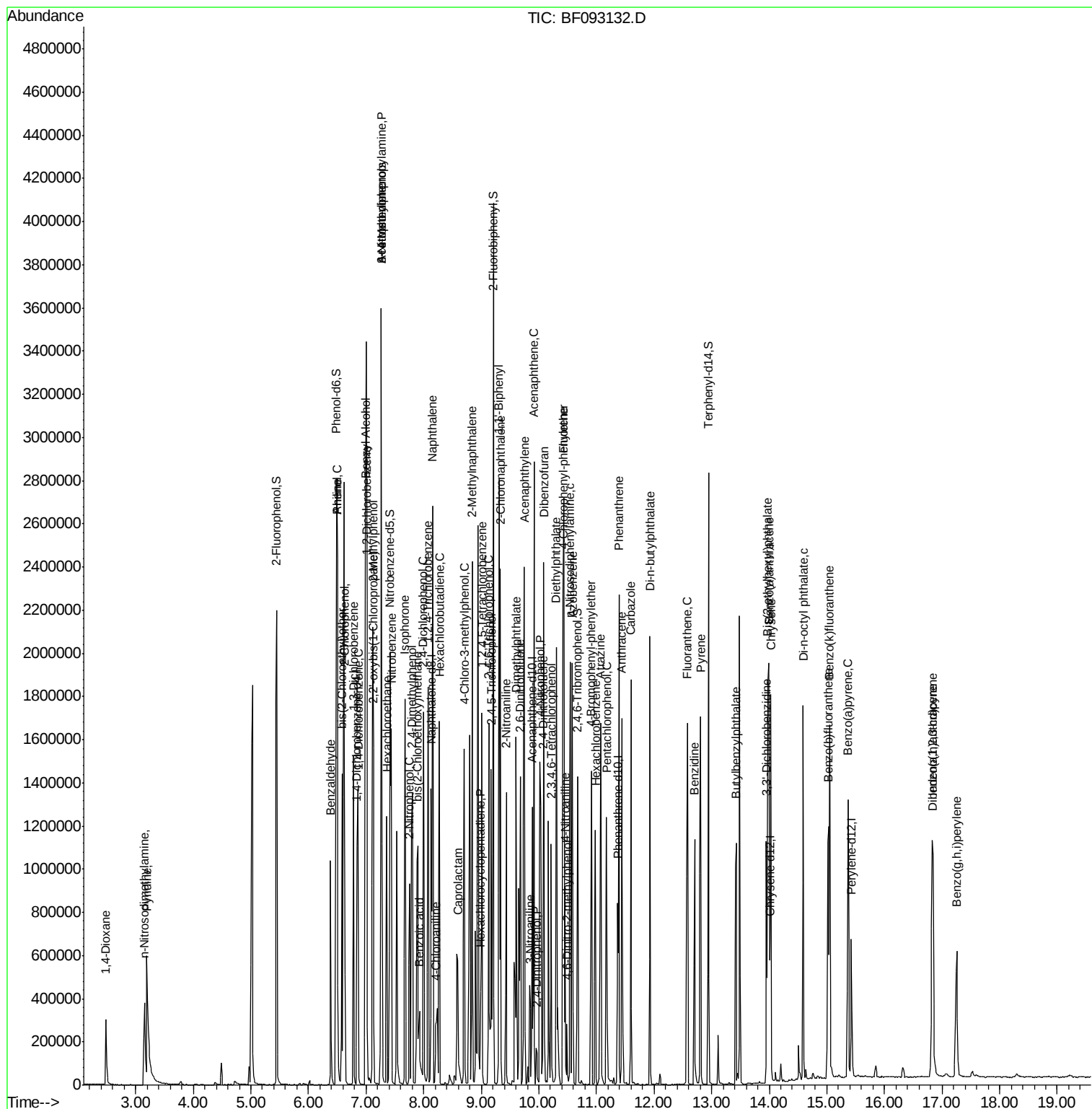
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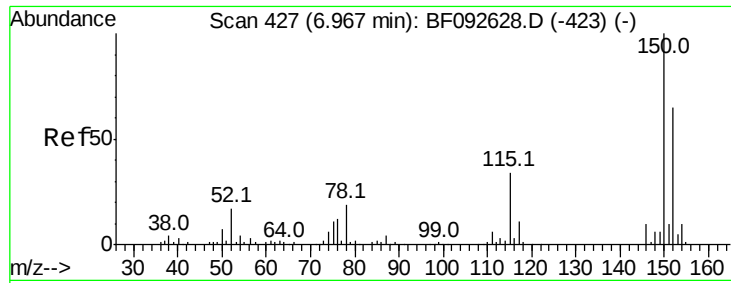
Instrument :
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#1

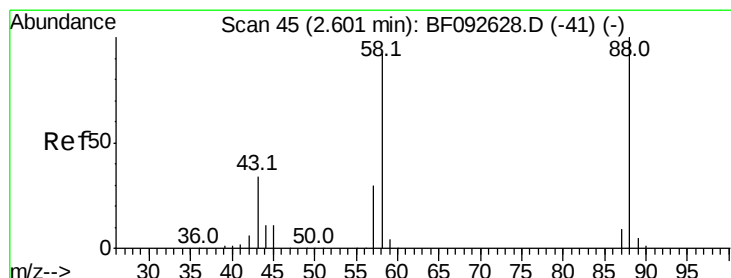
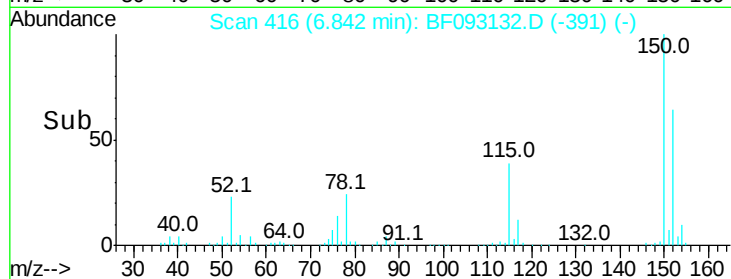
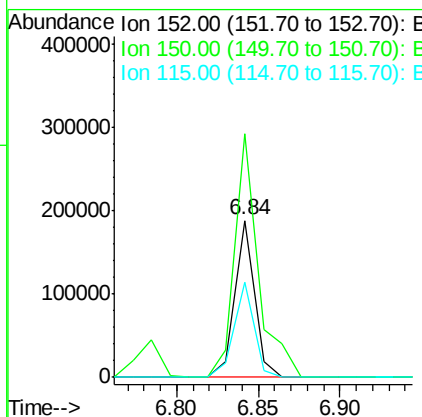
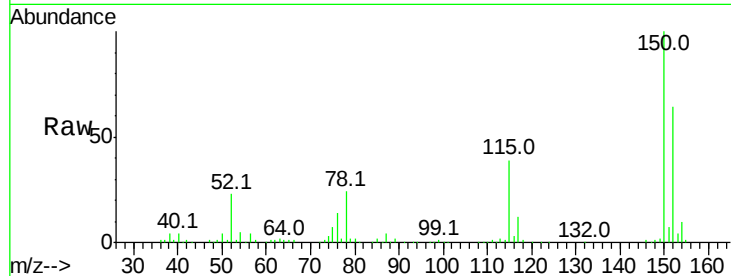
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.9	187.3
115	60.4	46.0	69.0

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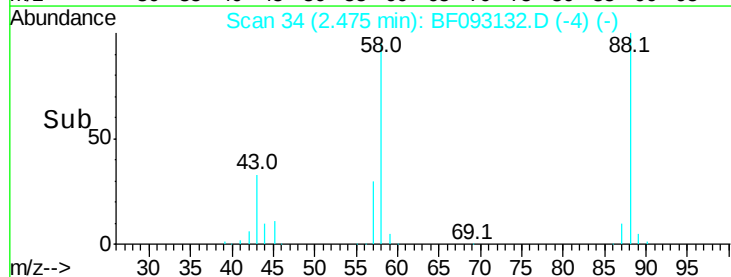
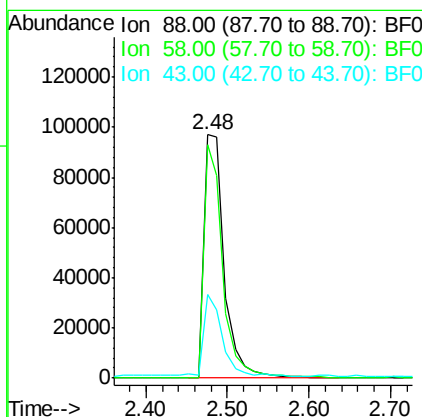
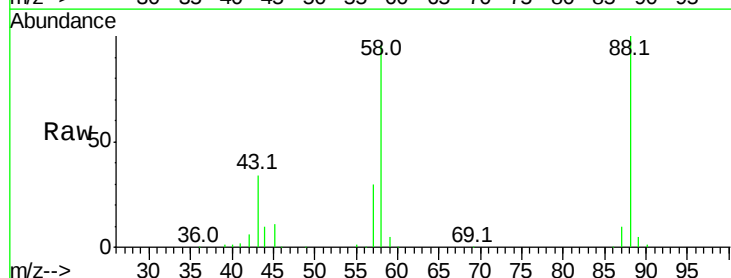
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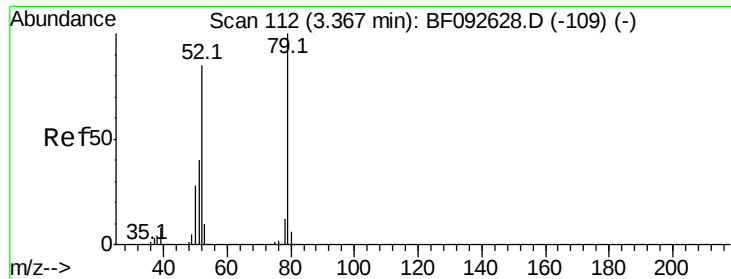


#2

1,4-Dioxane
Concen: 34.82 ng
RT: 2.48 min Scan# 34
Delta R.T. 0.05 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.0	57.8	86.8#
43	30.9	22.3	33.5





#3

Pvridine

Concen: 35.51 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.05 min

Lab File: BF093132.D

Acq: 24 Feb 2017 6:02

Instrument :

BNA_F

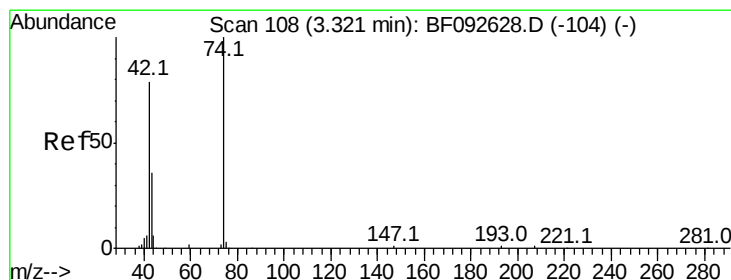
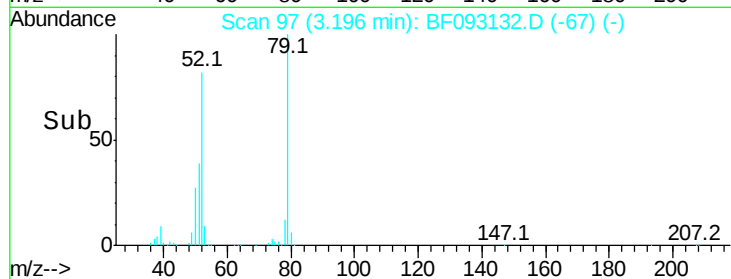
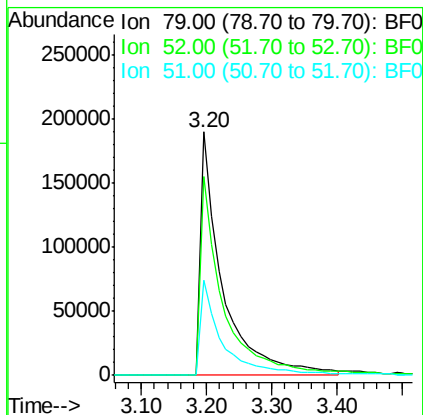
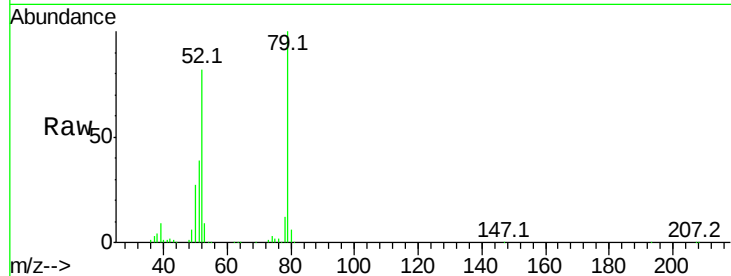
ClientSampleId :

PB97121BS

Tot Ion:	79	Resp:	443899
Ion Ratio	Lower	Upper	
79	100		
52	81.5	57.1	85.7
51	39.0	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 42.23 ng

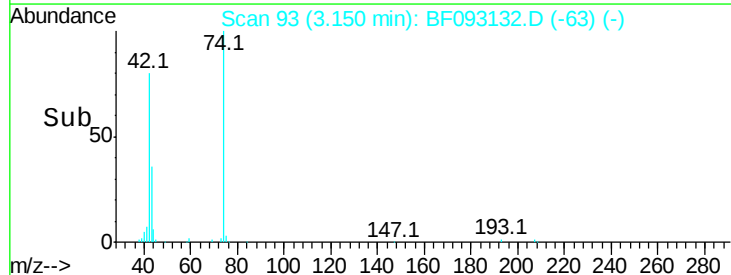
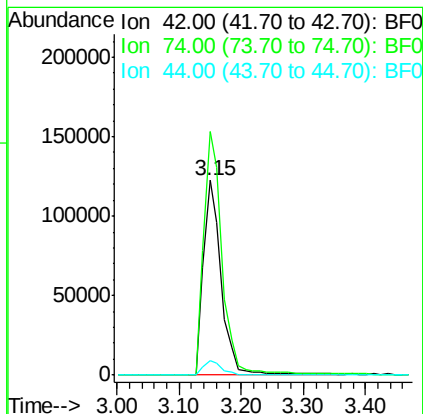
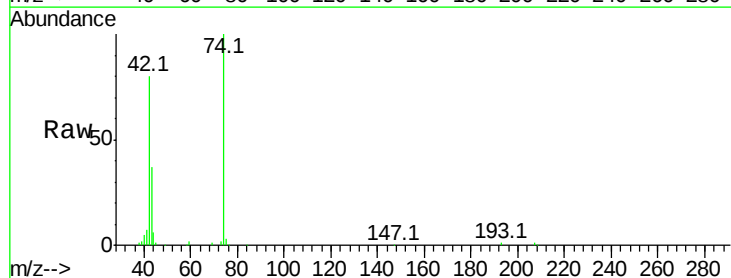
RT: 3.15 min Scan# 93

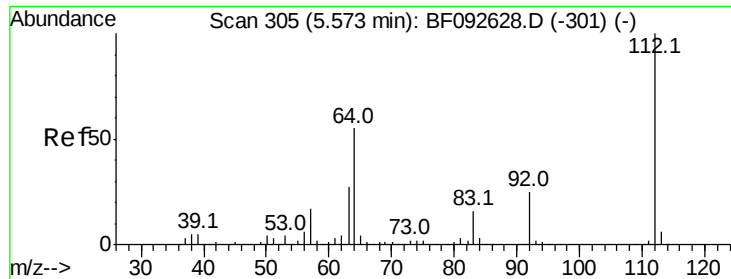
Delta R.T. 0.05 min

Lab File: BF093132.D

Acq: 24 Feb 2017 6:02

Tgt Ion:	42	Resp:	247860
Ion Ratio	Lower	Upper	
42	100		
74	125.1	117.0	175.4
44	7.4	5.5	8.3





#5

2-Fluorophenol

Concen: 91.63 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093132.D

Acq: 24 Feb 2017 6:02

Instrument :

BNA_F

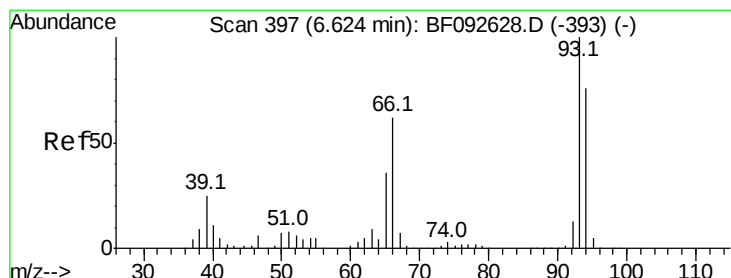
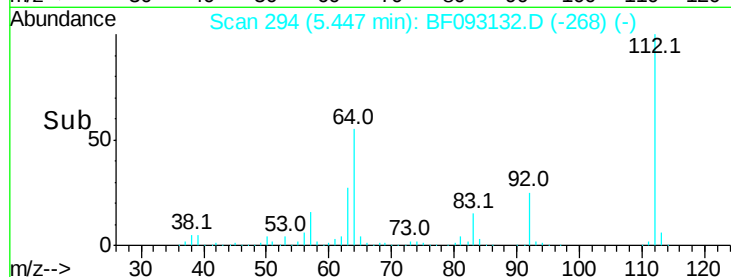
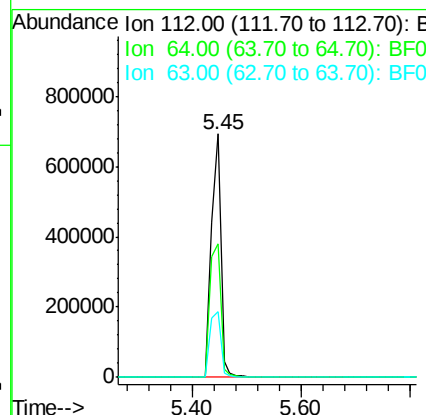
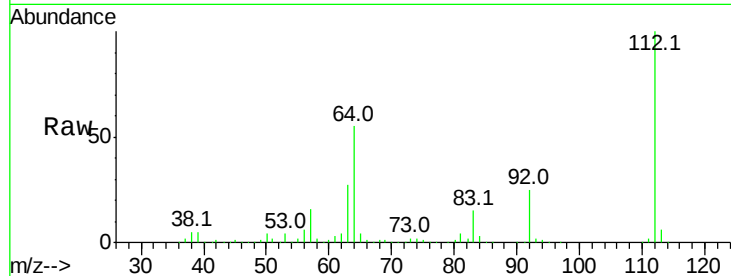
ClientSampleId :

PB97121BS

Tot Ion:	112	Resp:	833674
Ion Ratio	Lower	Upper	
112	100		
64	54.7	46.1	69.1
63	27.0	23.8	35.6

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#6

Aniline

Concen: 14.44 ng

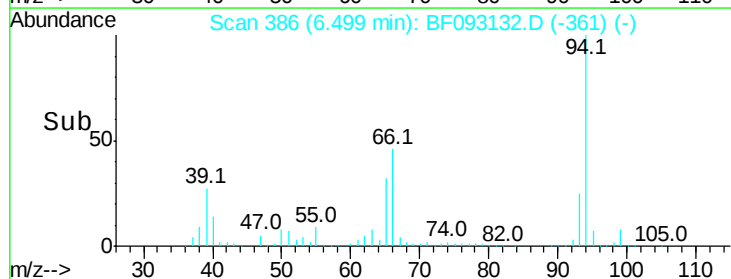
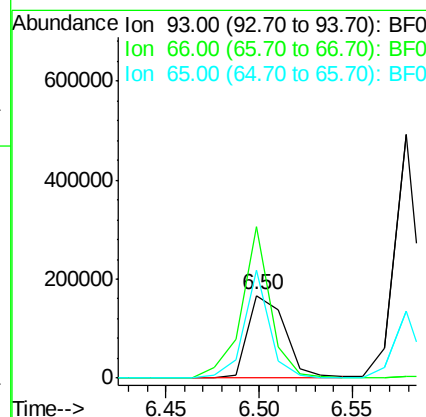
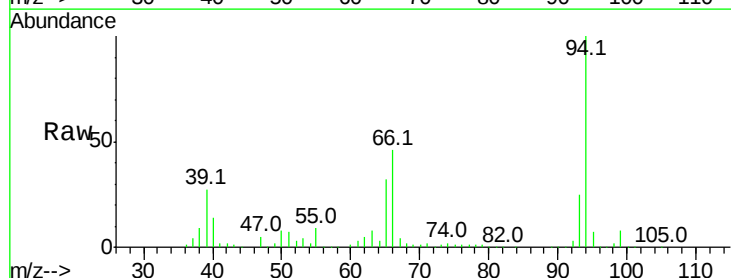
RT: 6.50 min Scan# 386

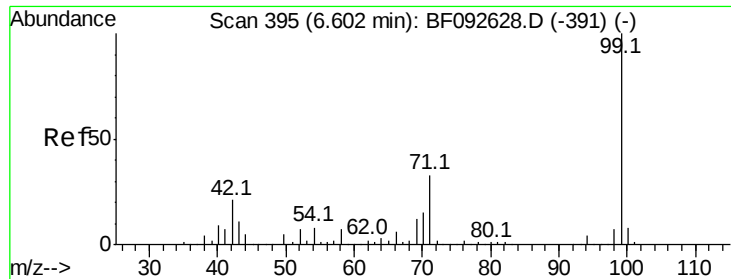
Delta R.T. -0.01 min

Lab File: BF093132.D

Acq: 24 Feb 2017 6:02

Tgt Ion:	93	Resp:	230652
Ion Ratio	Lower	Upper	
93	100		
66	184.5	76.2	114.2#
65	130.4	49.3	73.9#





#7

Phenol-d6

Concen: 86.43 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093132.D

Acq: 24 Feb 2017 6:02

Instrument :

BNA_F

ClientSampleId :

PB97121BS

Tot Ion: 99 Resp: 1011724

Ion Ratio Lower Upper

99 100

42 18.8 15.6 23.4

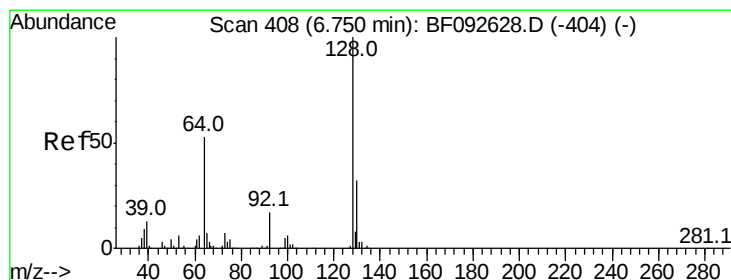
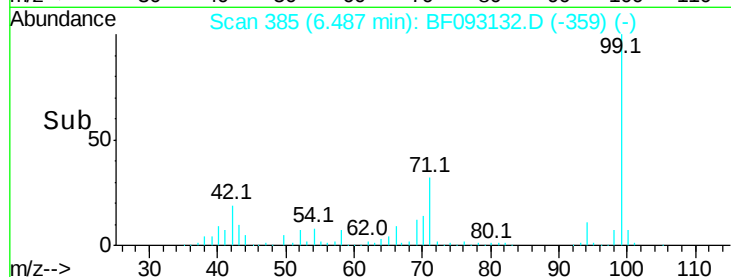
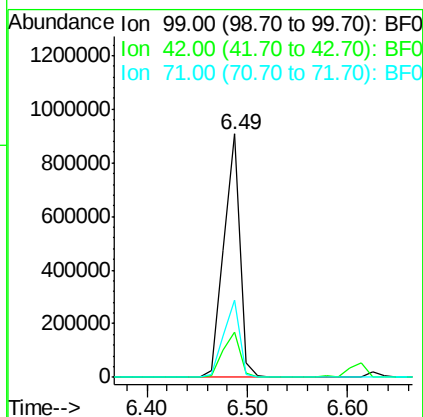
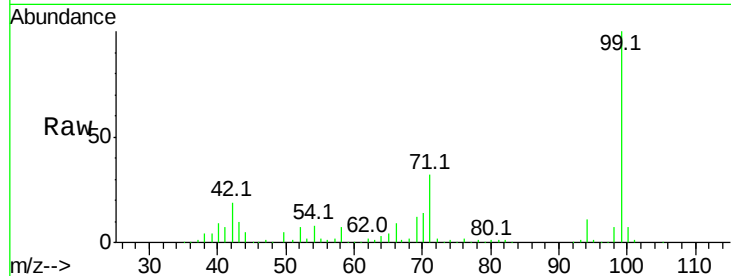
71 31.6 27.5 41.3

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#8

2-Chlorophenol

Concen: 39.52 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093132.D

Acq: 24 Feb 2017 6:02

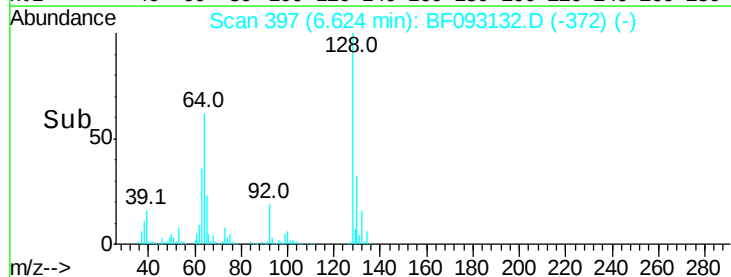
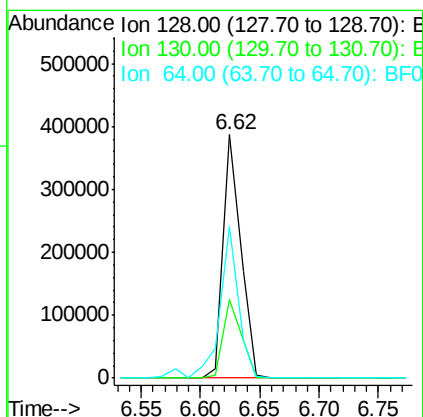
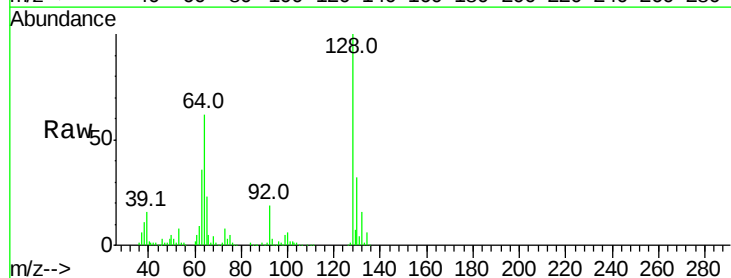
Tgt Ion: 128 Resp: 396633

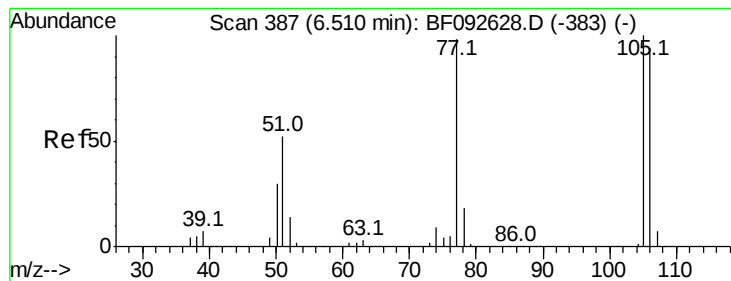
Ion Ratio Lower Upper

128 100

130 32.0 12.3 52.3

64 62.1 32.2 72.2





#9

Benzaldehyde

Concen: 23.48 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF093132.D

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BNA_F

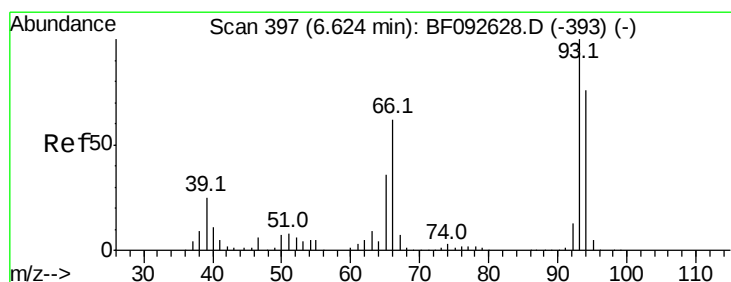
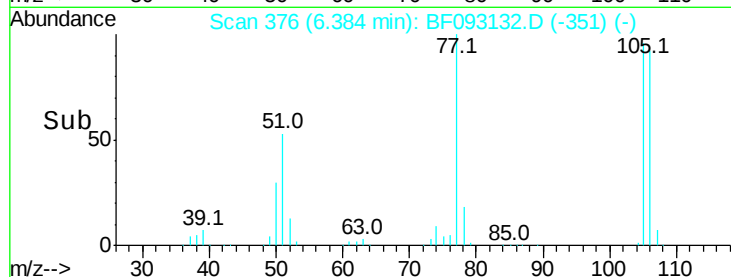
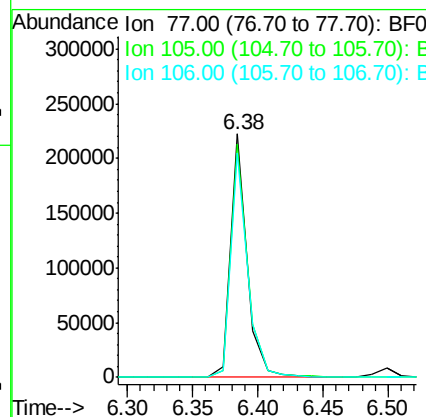
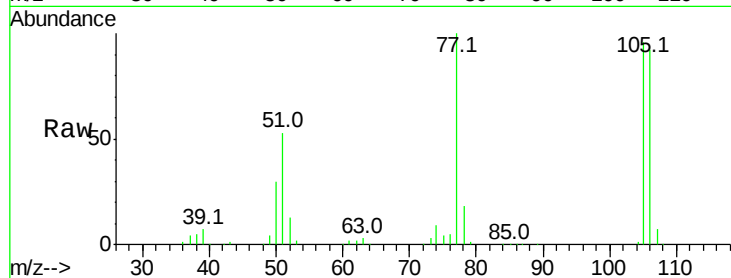
ClientSampleId :

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Tot Ion:	77	Resp:	196933
Ion Ratio	Lower	Upper	
77	100		
105	95.7	83.9	123.9
106	92.4	77.6	117.6

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#10

Phenol

Concen: 41.96 ng

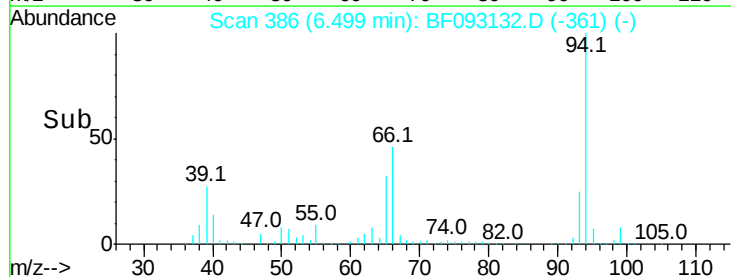
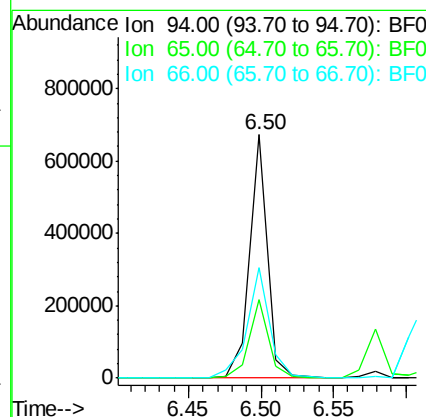
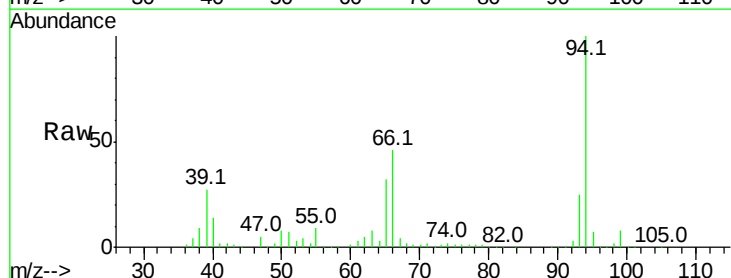
RT: 6.50 min Scan# 386

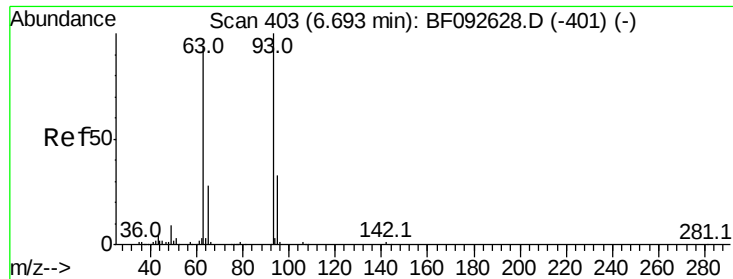
Delta R.T. -0.01 min

Lab File: BF093132.D

Acq: 24 Feb 2017 6:02

Tgt Ion:	94	Resp:	574636
Ion Ratio	Lower	Upper	
94	100		
65	32.2	21.4	61.4
66	45.6	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 38.04 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF093132.D

Acq: 24 Feb 2017 6:02

Instrument :

BNA_F

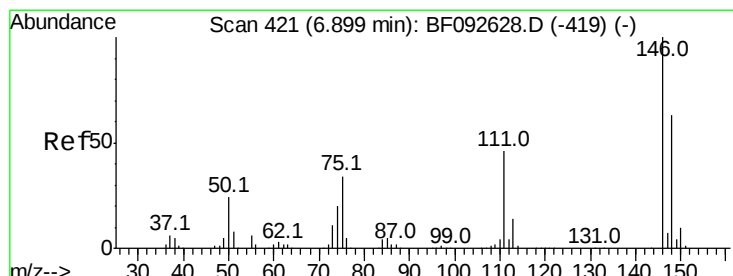
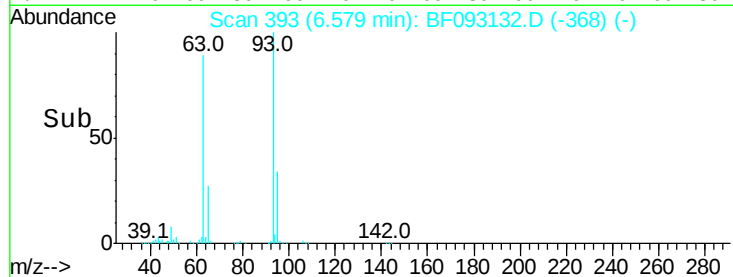
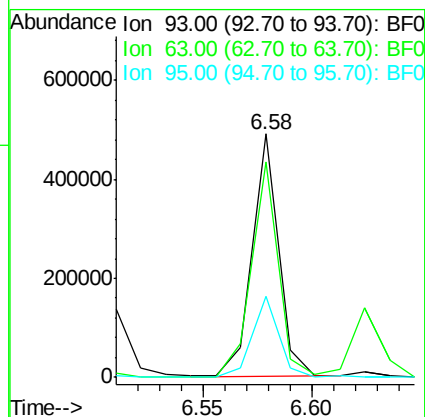
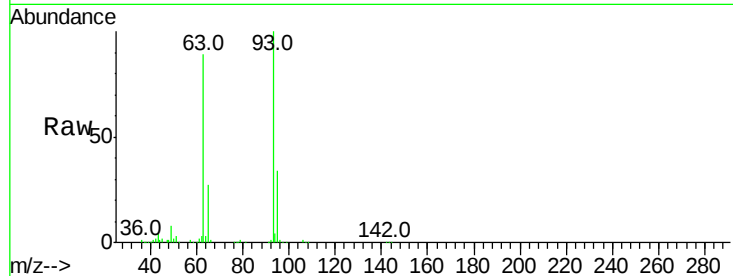
ClientSampleId :

PB97121BS

Tot Ion:	93	Resp:	415878
Ion Ratio	Lower	Upper	
93	100		
63	88.6	60.4	100.4
95	33.5	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 39.54 ng

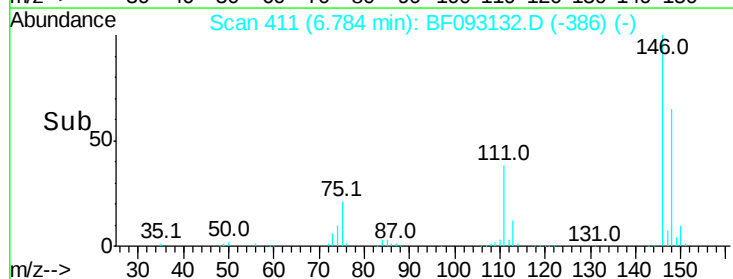
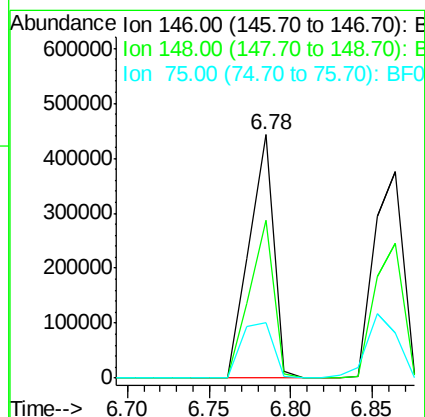
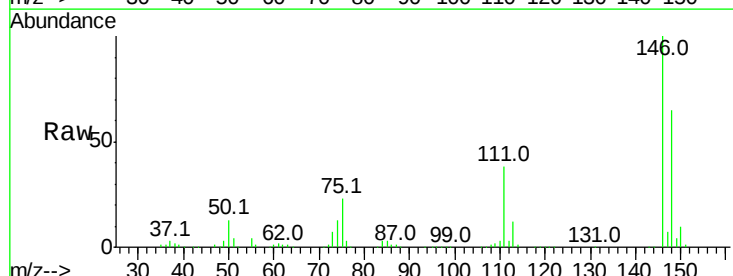
RT: 6.78 min Scan# 411

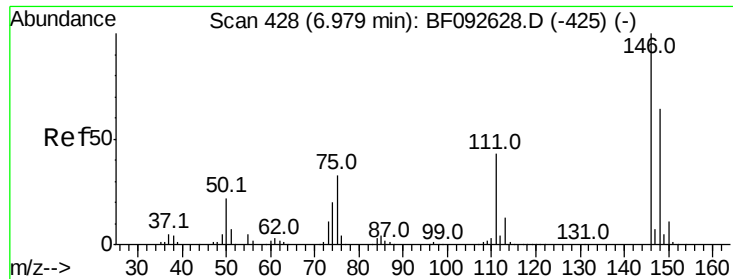
Delta R.T. -0.01 min

Lab File: BF093132.D

Acq: 24 Feb 2017 6:02

Tgt Ion:	146	Resp:	464820
Ion Ratio	Lower	Upper	
146	100		
148	64.7	53.4	80.0
75	23.0	18.5	27.7





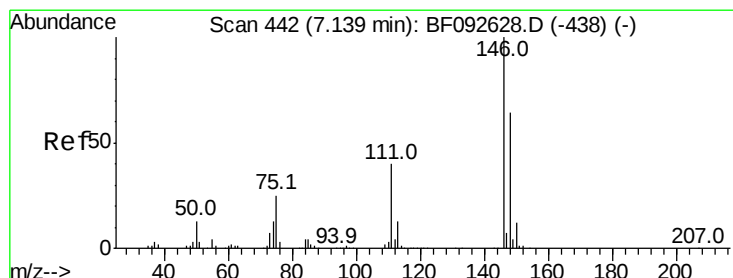
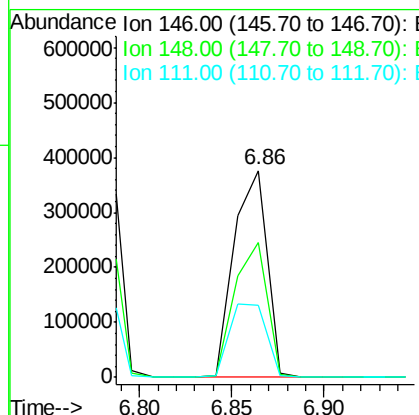
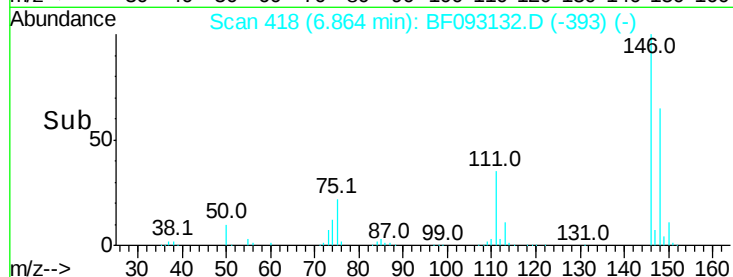
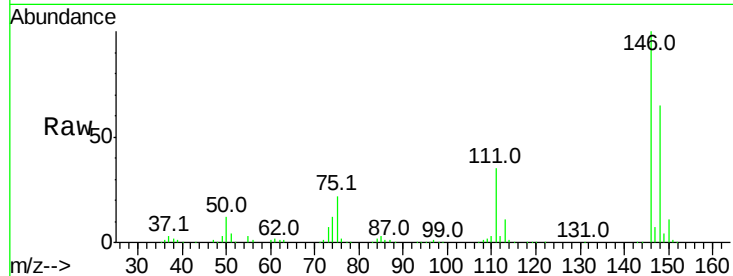
#13
 1,4-Dichlorobenzene
 Concen: 39.49 ng/mL
 RT: 6.86 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BF093132.D
 Acq: 24 Feb 2017 6:02

Instrument :
 BNA_F
 ClientSampled :
 PB97121BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.6	76.0
111	35.2	36.2	54.4

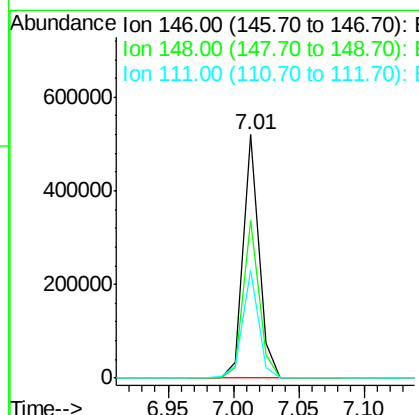
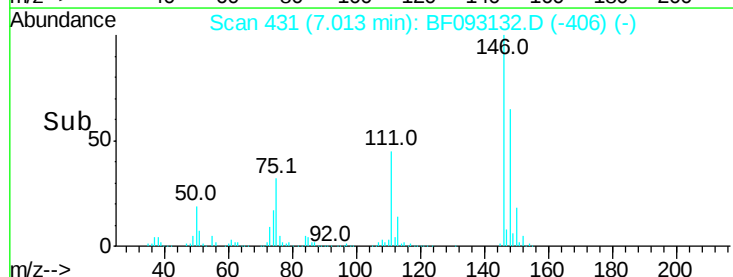
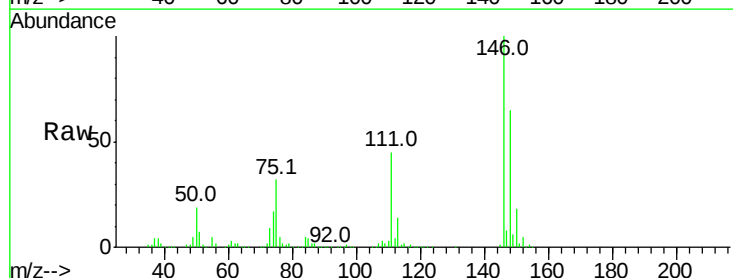
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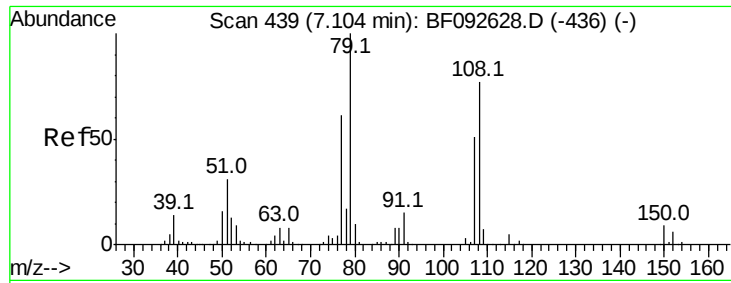
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#14
 1,2-Dichlorobenzene
 Concen: 37.96 ng/mL
 RT: 7.01 min Scan# 431
 Delta R.T. -0.01 min
 Lab File: BF093132.D
 Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.2
111	44.6	36.2	54.2





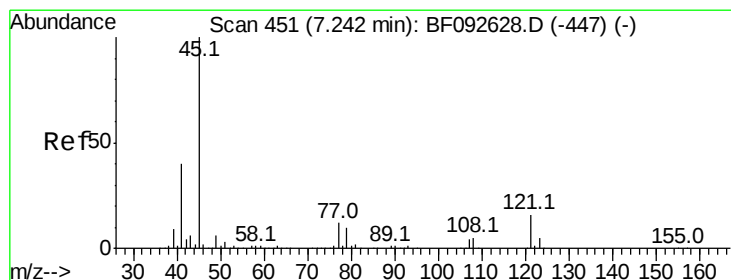
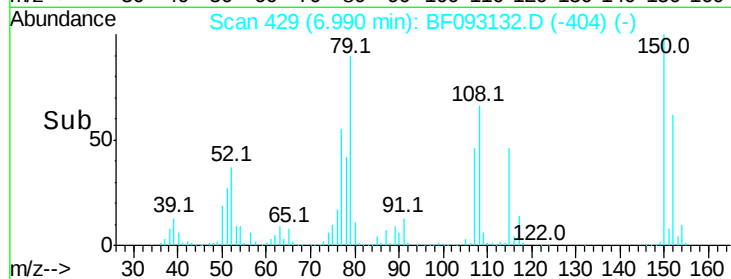
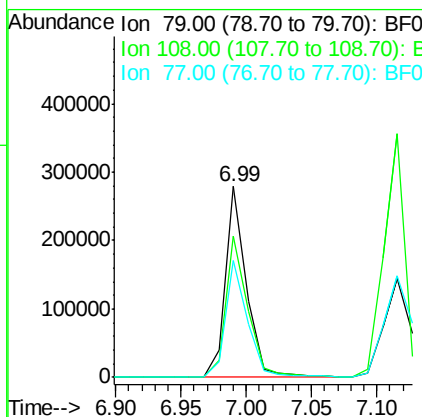
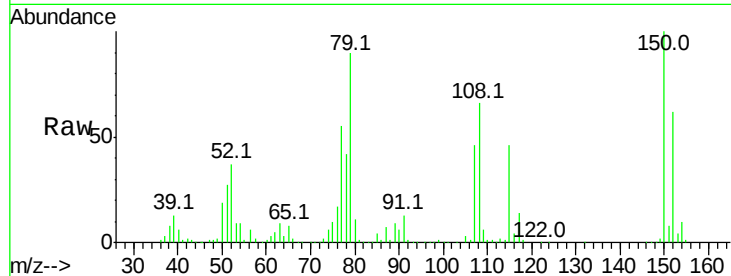
#15
Benzyl Alcohol
Concen: 36.35 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Instrument :
BNA_F
ClientSampleId :
PB97121BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	74.1	61.4	92.0	
77	61.2	50.9	76.3	

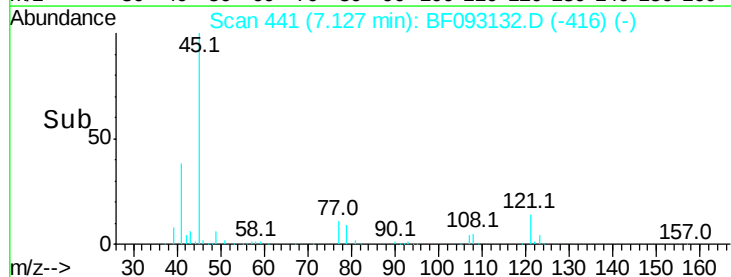
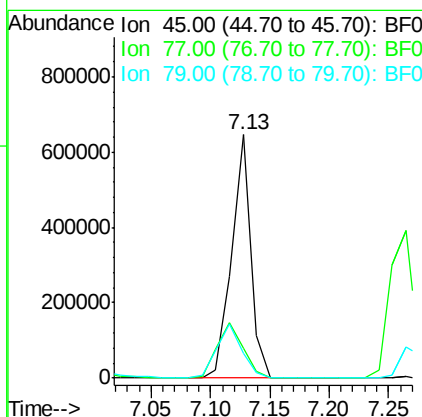
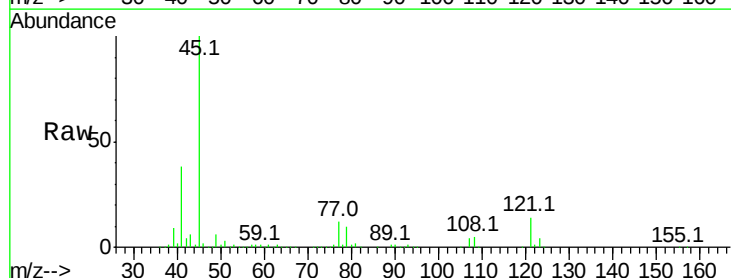
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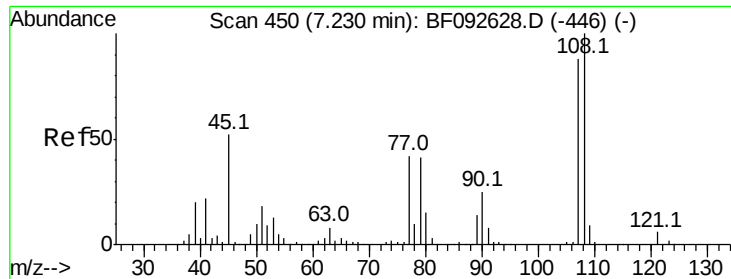
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.08 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	12.2	0.0	34.6	
79	10.0	0.0	31.2	





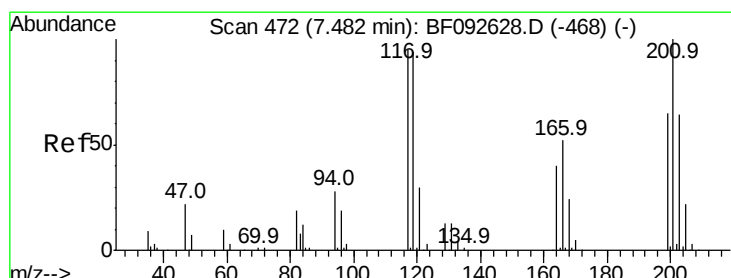
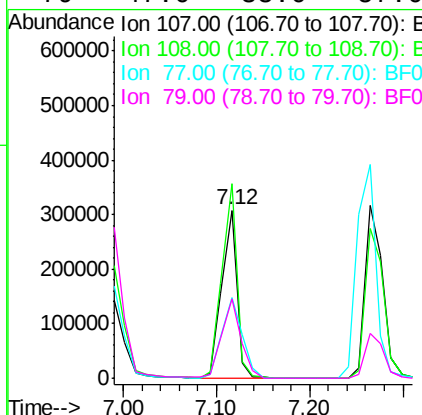
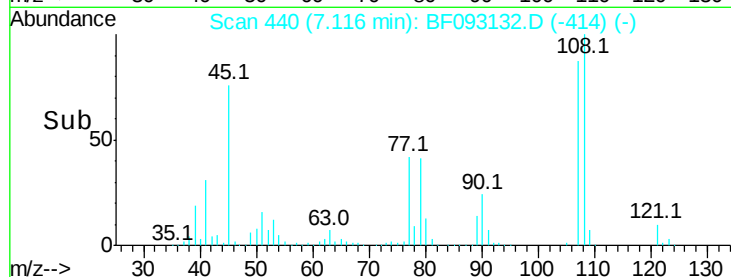
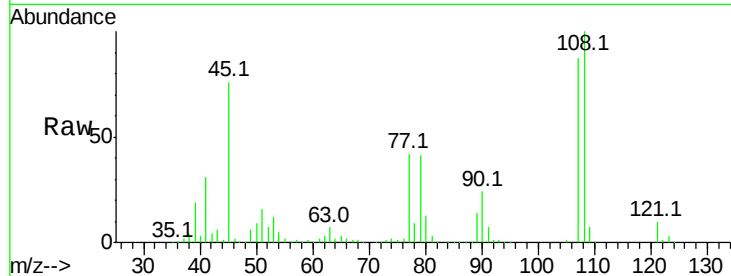
#17
2-Methylphenol
Concen: 40.29 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Instrument :
BNA_F
ClientSampleId :
PB97121BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	346901		
108	108.00	115.5		93.0	139.6
77	77.00	48.1		39.8	59.8
79	79.00	47.0		38.0	57.0

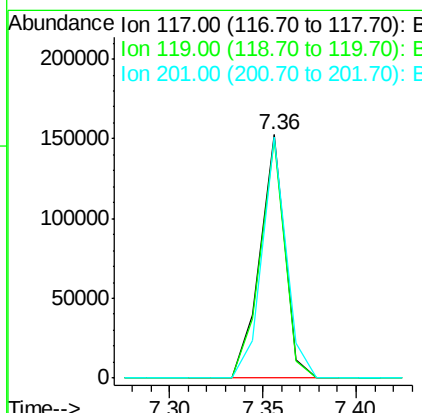
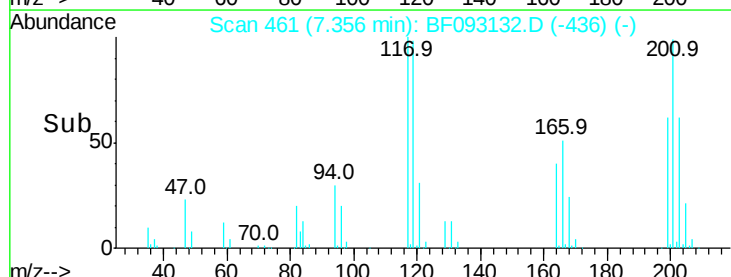
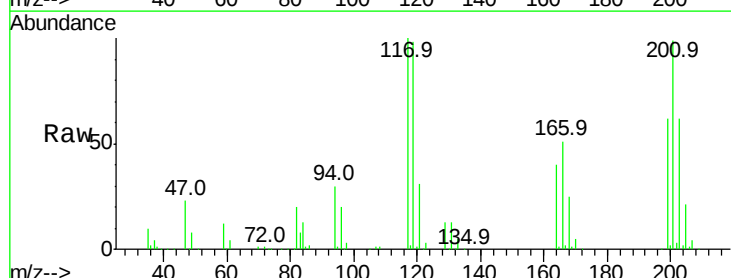
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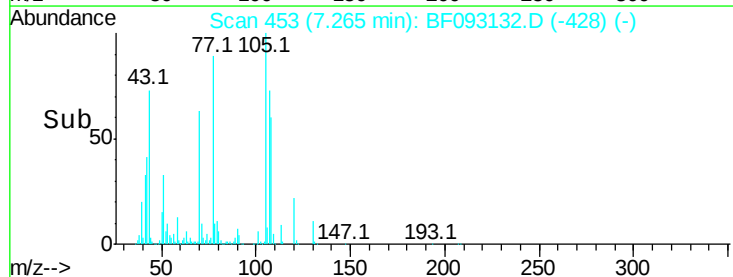
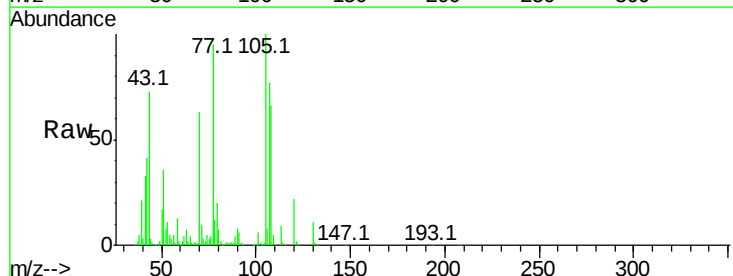
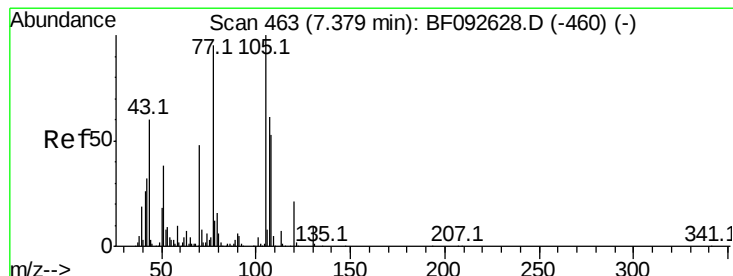
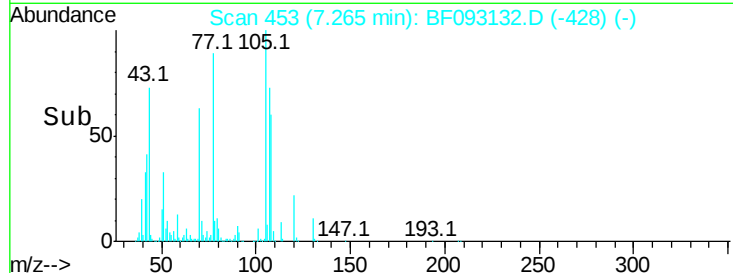
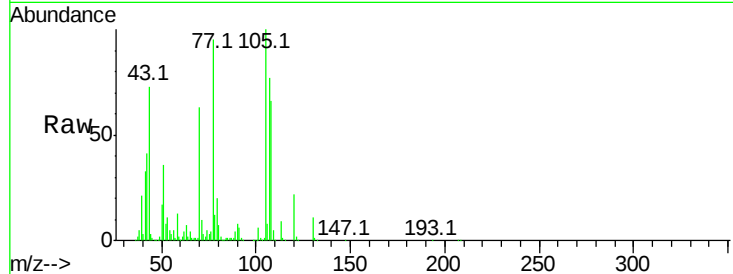
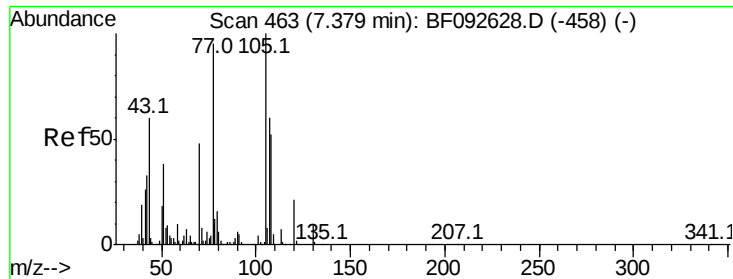
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#18
Hexachloroethane
Concen: 34.48 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	140032		
119	119.00	97.9		78.1	117.1
201	201.00	98.9		78.6	117.8





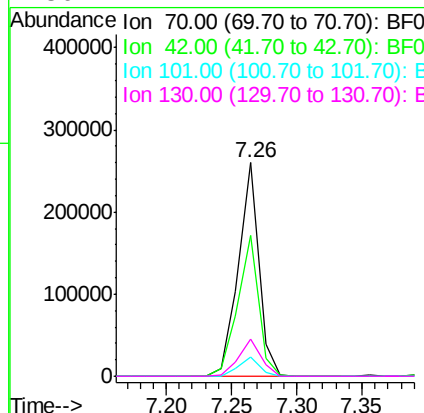
#19
n-Nitroso-di-n-propylamine
Concen: 38.21 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Instrument :
BNA_F
ClientSampleId :
PB97121BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.1	49.4	74.0
101	8.8	7.4	11.2
130	17.7	14.2	21.4

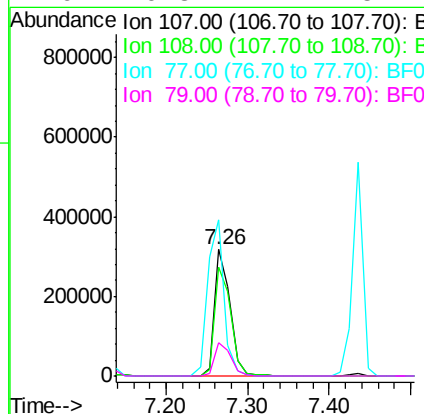
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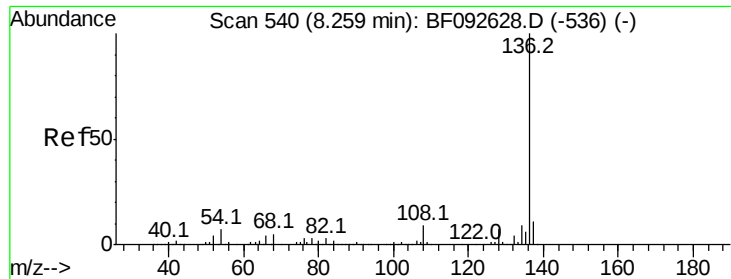
mohammad
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#20
3+4-Methylphenols
Concen: 41.05 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.2	73.0	113.0
77	123.4	71.3	111.3#
79	26.3	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093132.D

Acq: 24 Feb 2017 6:02

Instrument :

BNA_F

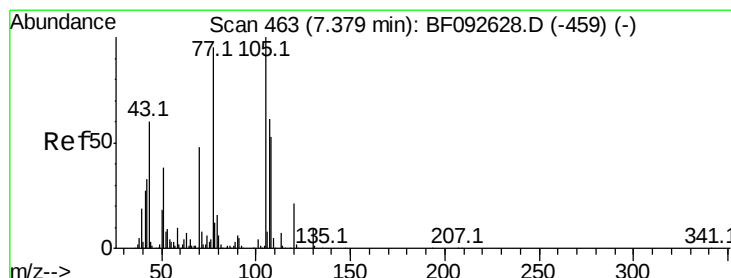
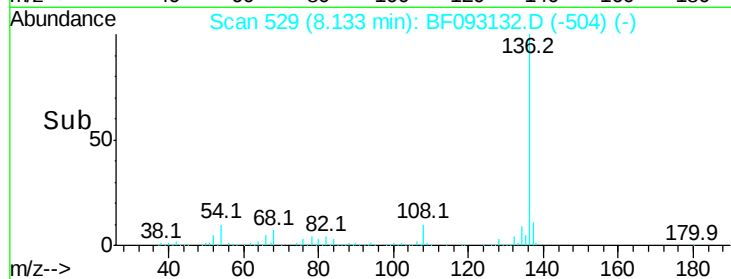
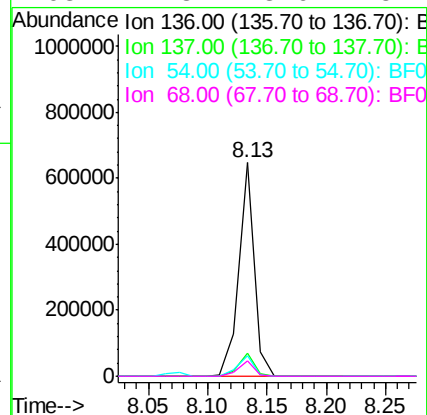
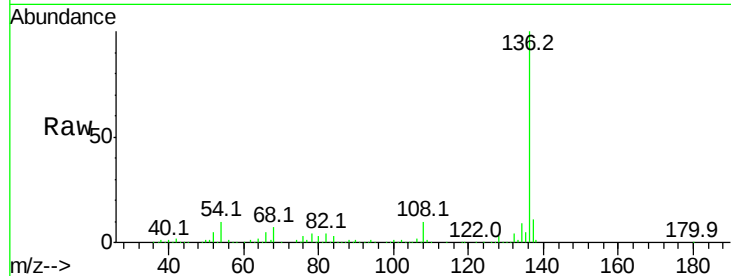
ClientSampleId :

PB97121BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.9	4.5	6.7#
68	7.3	3.6	5.4#

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#22

Acetophenone

Concen: 42.15 ng

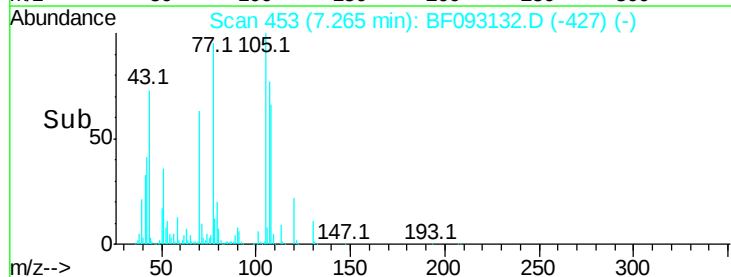
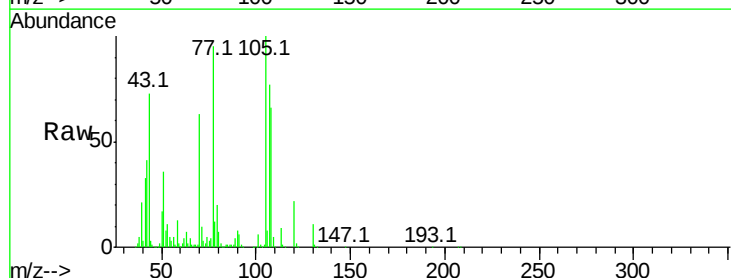
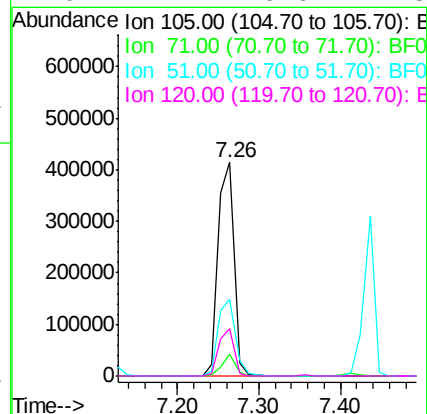
RT: 7.26 min Scan# 453

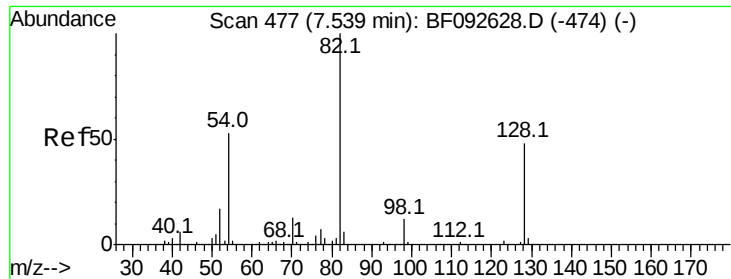
Delta R.T. -0.00 min

Lab File: BF093132.D

Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	10.3	3.2	4.8#
51	36.0	26.2	39.4
120	22.1	16.6	24.8





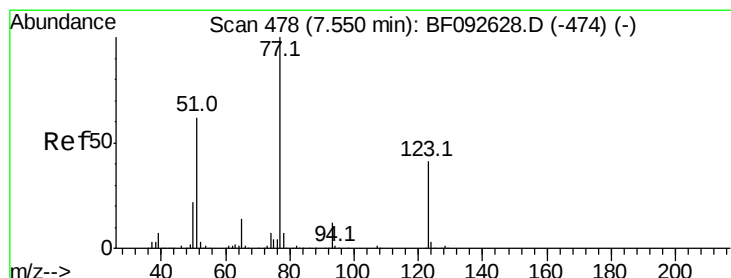
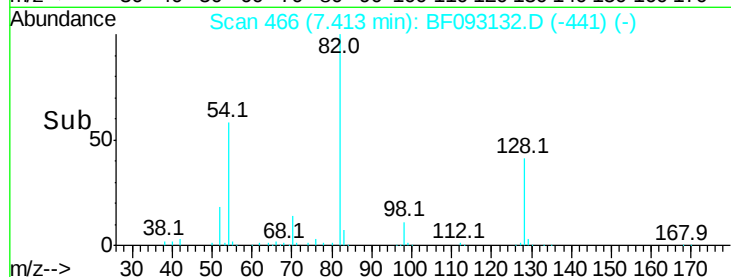
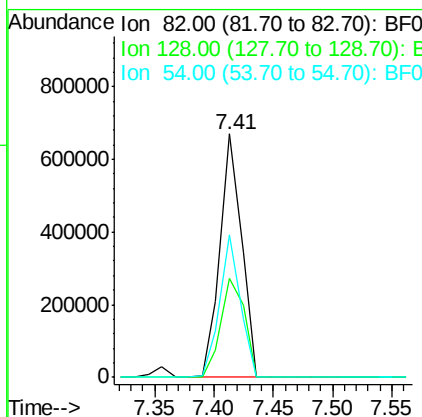
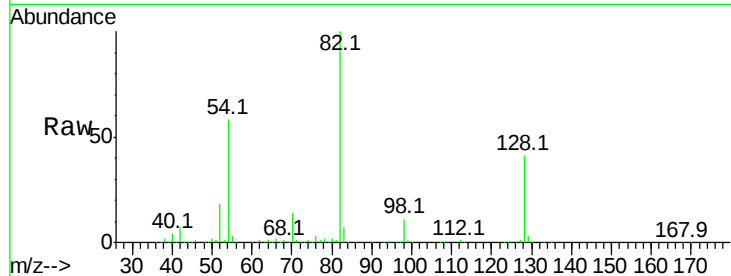
#23
 Nitrobenzene-d5
 Concen: 80.21 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093132.D
 Acq: 24 Feb 2017 6:02

Instrument :
 BNA_F
 ClientSampleId :
 PB97121BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.5	34.6	52.0	
54	58.3	39.5	59.3	

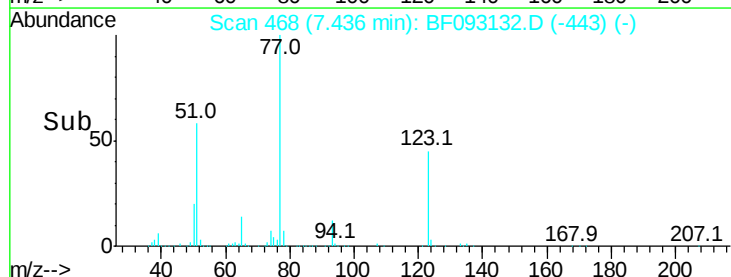
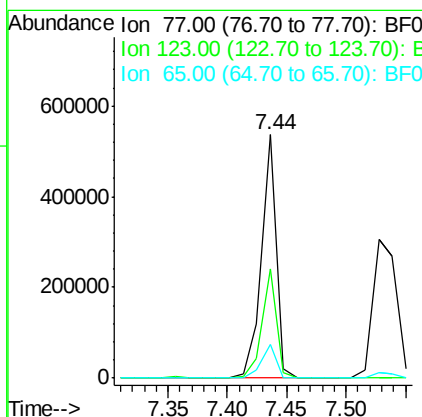
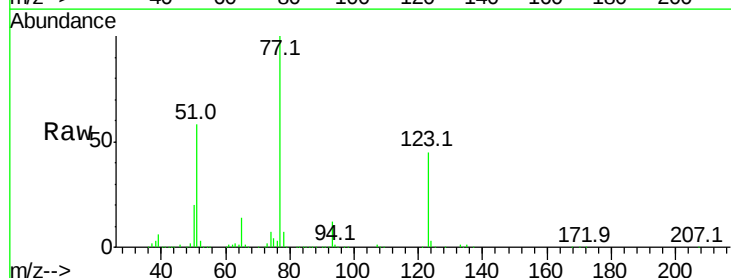
Manual Integrations
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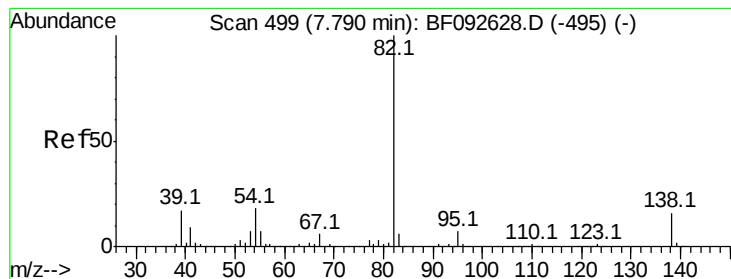
mohammad
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#24
 Nitrobenzene
 Concen: 43.53 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF093132.D
 Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.9	33.0	49.4	
65	13.8	11.2	16.8	





#25

Isophorone

Concen: 41.48 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF093132.D

Acq: 24 Feb 2017 6:02

Instrument :

BNA_F

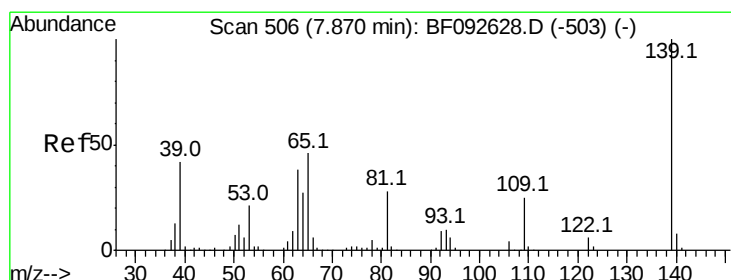
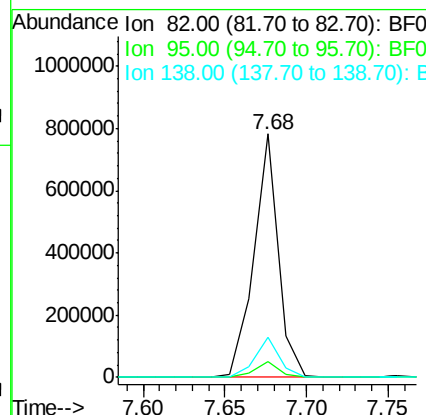
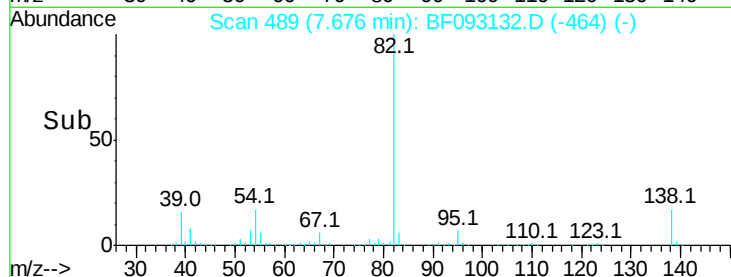
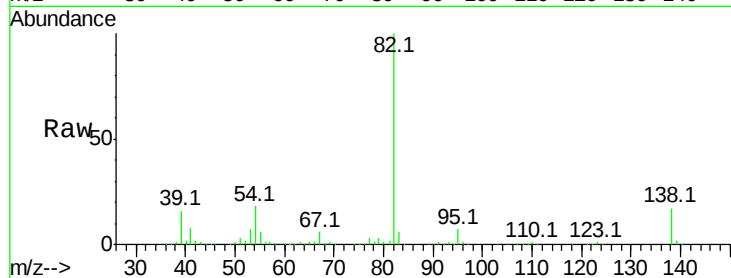
ClientSampled :

PB97121BS

Tot Ion:	82	Resp:	815288
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.6	8.4
138	16.7	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.90 ng

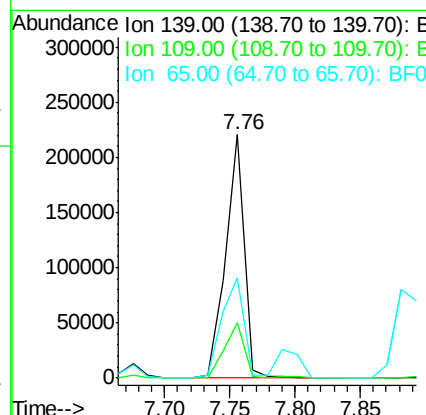
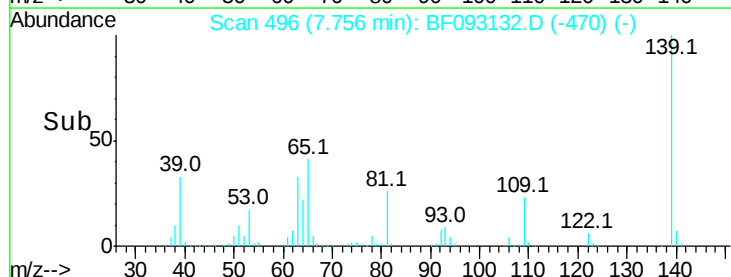
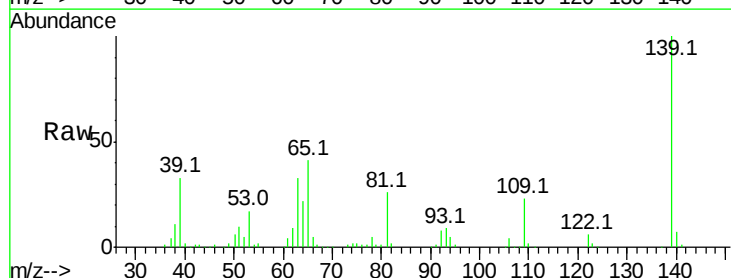
RT: 7.76 min Scan# 496

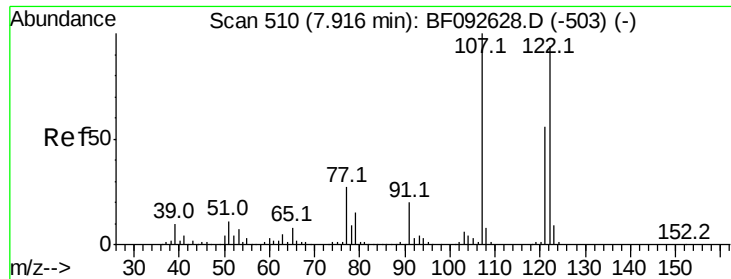
Delta R.T. -0.00 min

Lab File: BF093132.D

Acq: 24 Feb 2017 6:02

Tgt Ion:	139	Resp:	220869
Ion Ratio	Lower	Upper	
139	100		
109	22.7	23.3	34.9#
65	41.2	42.7	64.1#





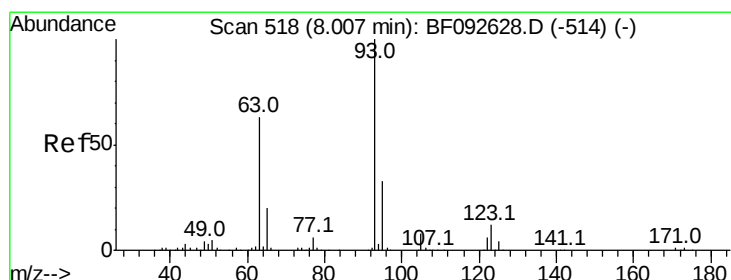
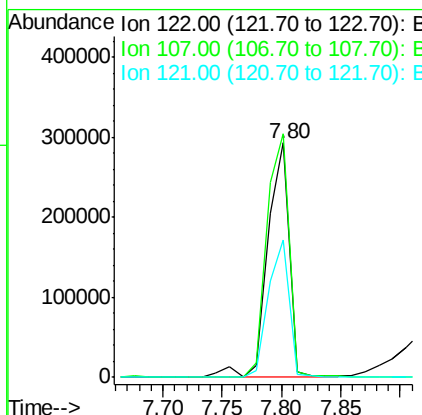
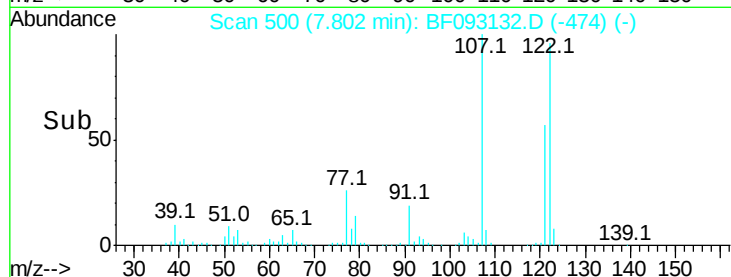
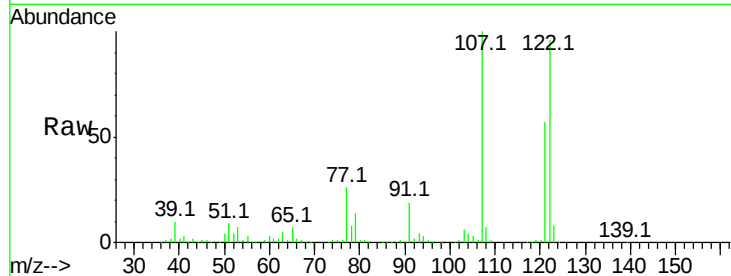
#27
2,4-Dimethylphenol
Concen: 41.34 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Instrument :
BNA_F
ClientSampleId :
PB97121BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	104.0	94.1	141.1
121	58.9	46.0	69.0

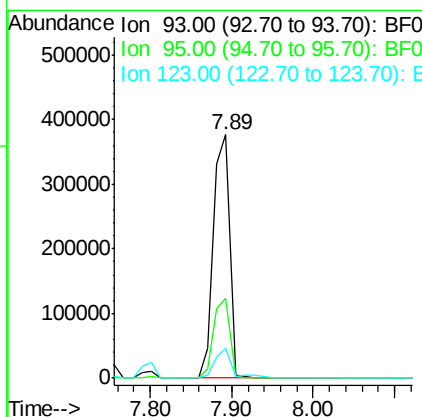
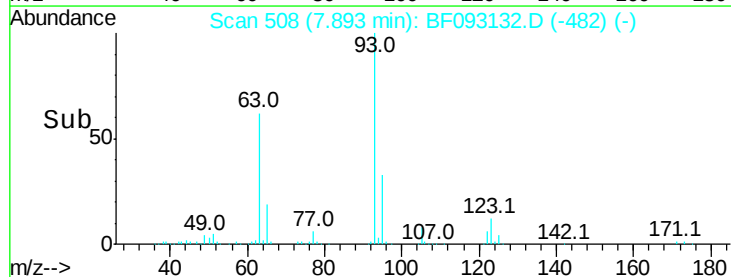
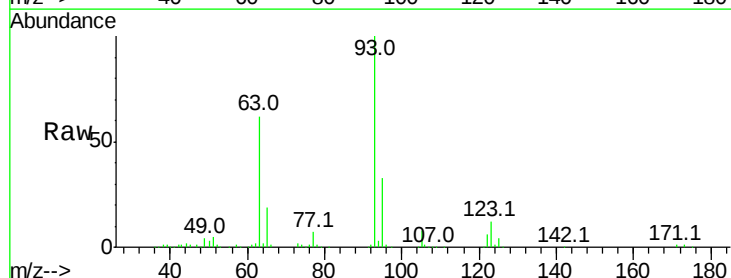
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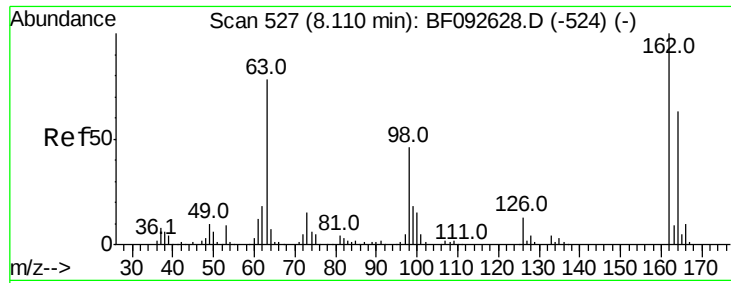
mohammad
2/24/2017 2:11:37 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.38 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.5	39.7
123	12.2	8.6	13.0





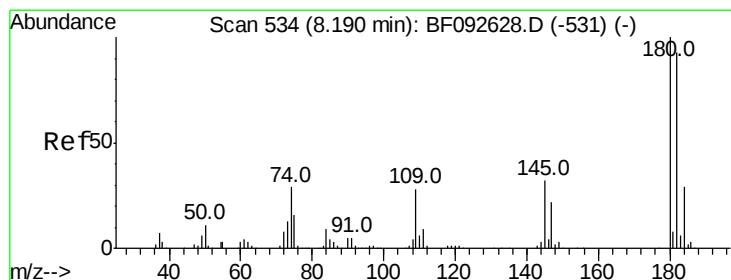
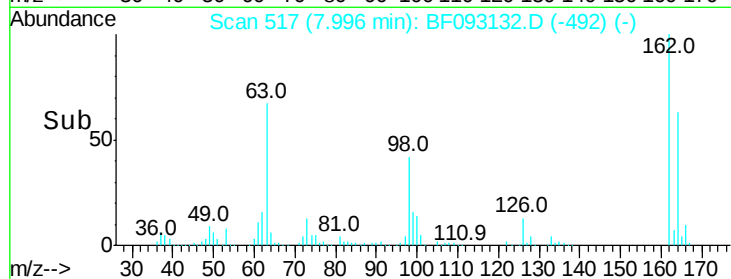
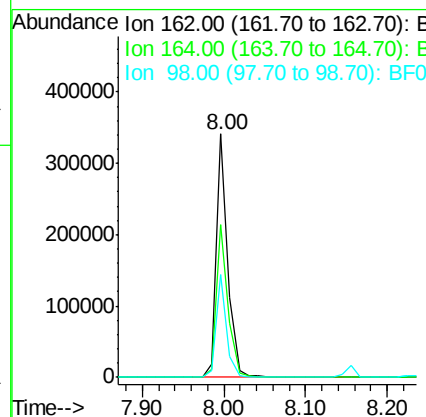
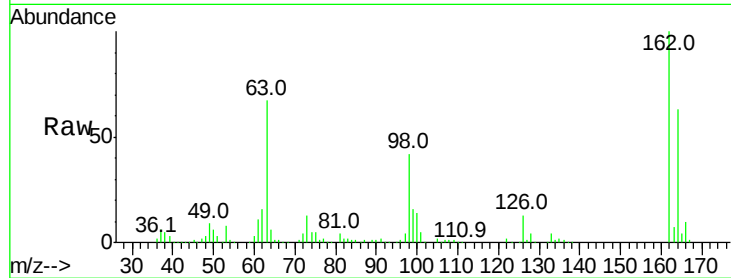
#29
2,4-Dichlorophenol
Concen: 39.77 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Instrument :
BNA_F
ClientSampleId :
PB97121BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.6	46.8	86.8
98	42.0	9.1	49.1

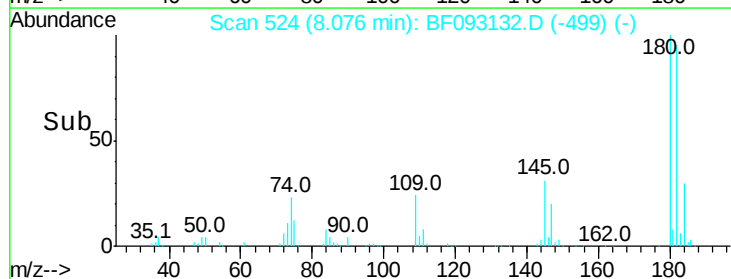
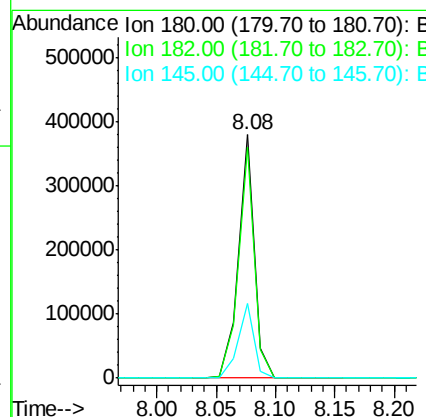
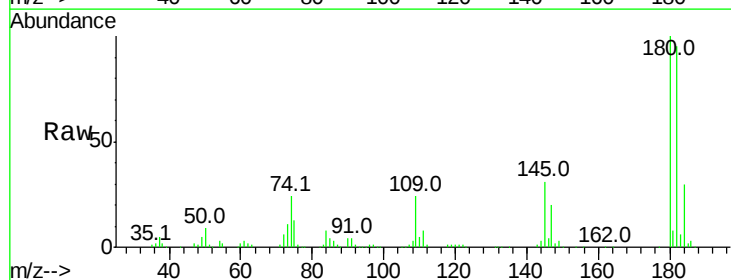
Manual Integrations
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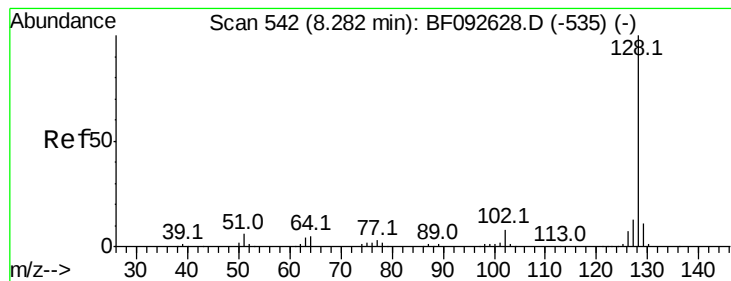
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 39.02 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.8	78.2	117.4
145	30.8	21.6	32.4





#31

Naphthalene

Concen: 38.58 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF093132.D

Acq: 24 Feb 2017 6:02

Instrument :

BNA_F

ClientSampleId :

PB97121BS

Tot Ion:128 Resp: 1148615

Ion Ratio Lower Upper

128 100

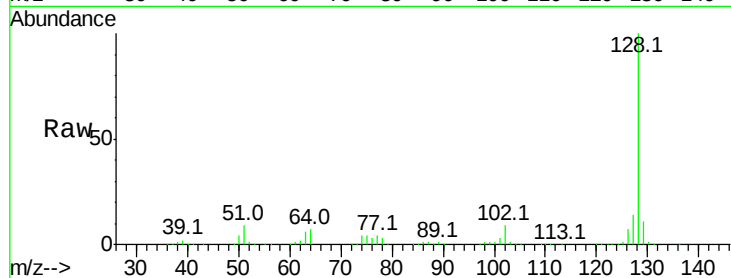
129 11.1 9.5 14.3

127 13.8 10.8 16.2

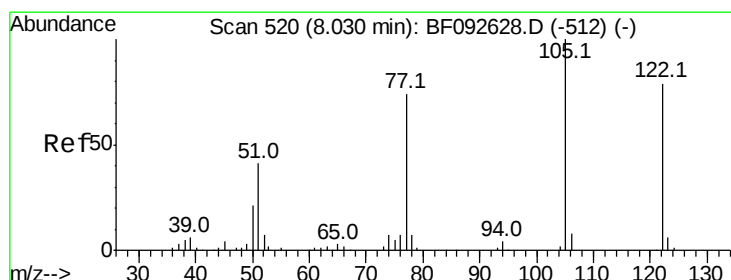
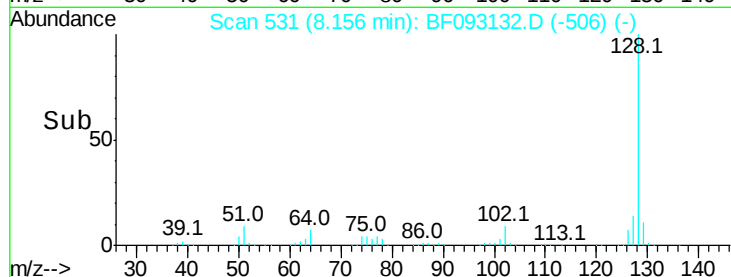
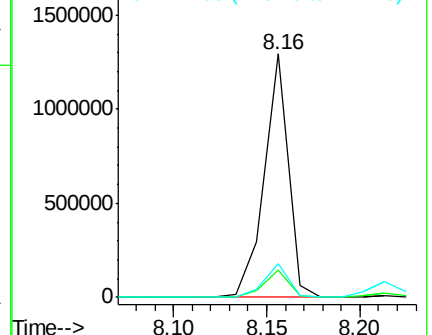
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.98 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF093132.D

Acq: 24 Feb 2017 6:02

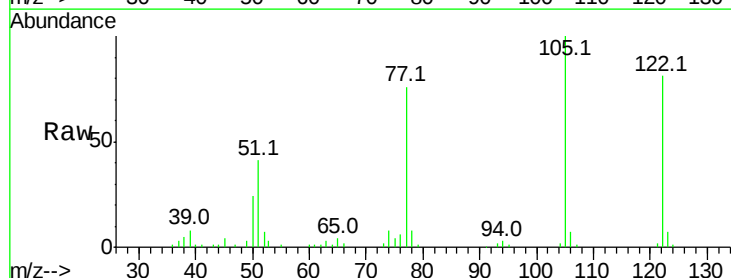
Tgt Ion:122 Resp: 185565

Ion Ratio Lower Upper

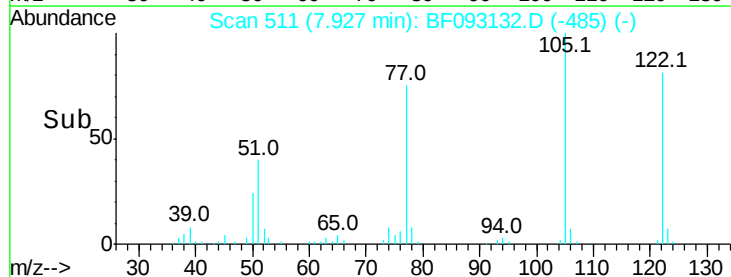
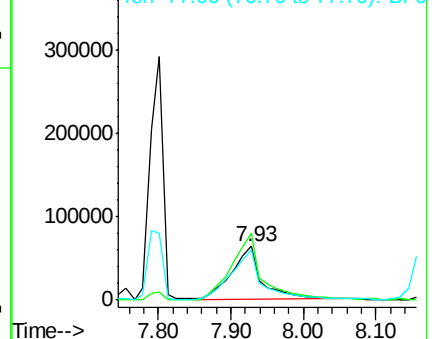
122 100

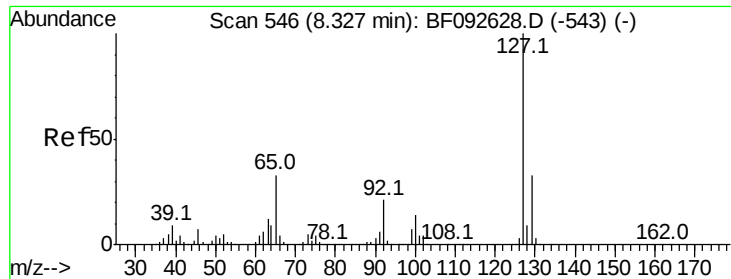
105 123.2 107.2 147.2

77 94.0 74.5 114.5



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





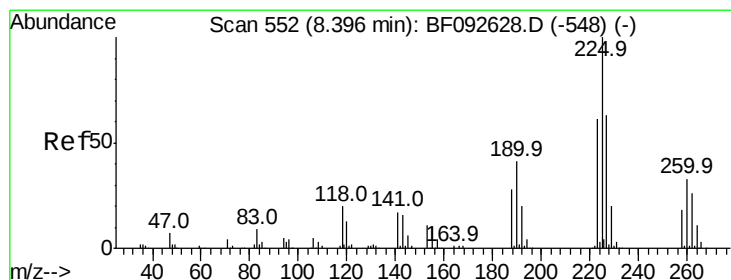
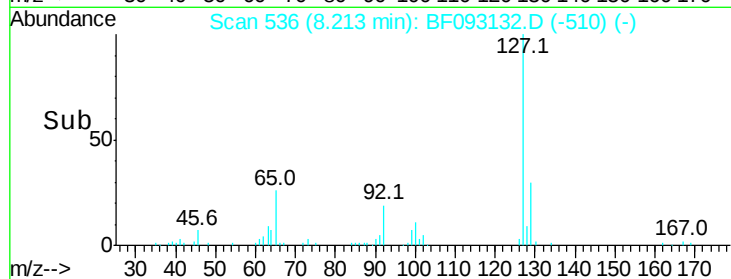
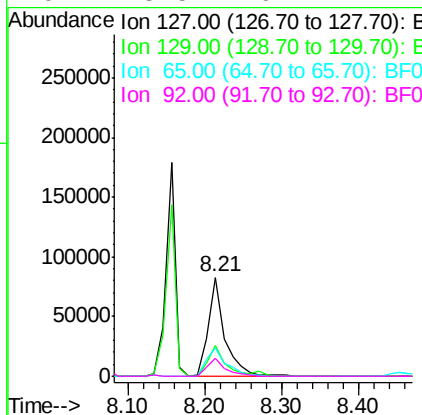
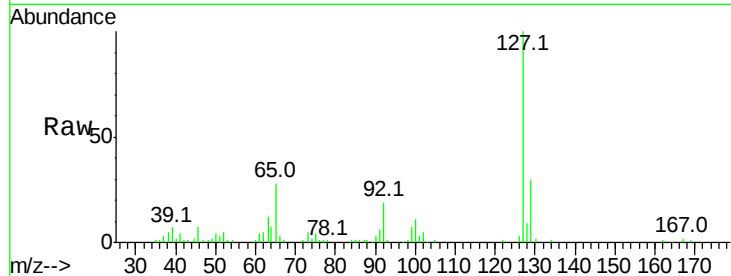
#33
4-Chloroaniline
Concen: 10.55 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Instrument :
BNA_F
ClientSampleId :
PB97121BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.5	26.3	39.5		
65	28.3	25.8	38.8		
92	18.5	16.1	24.1		

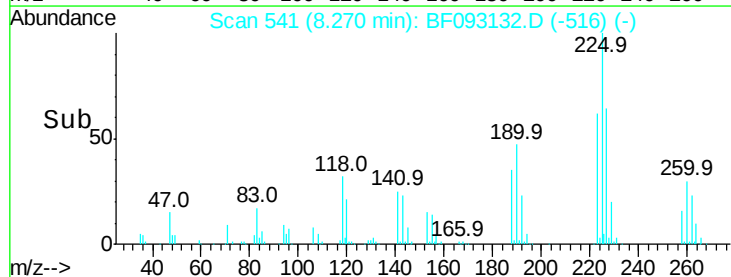
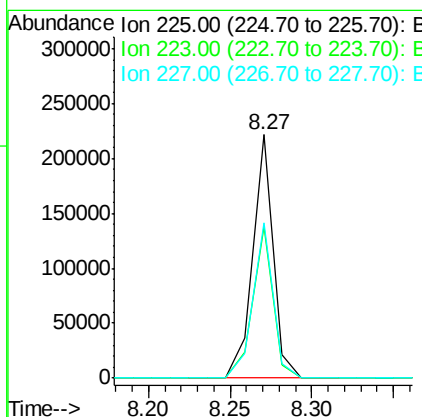
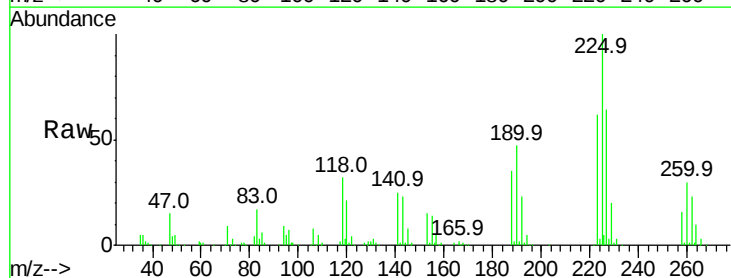
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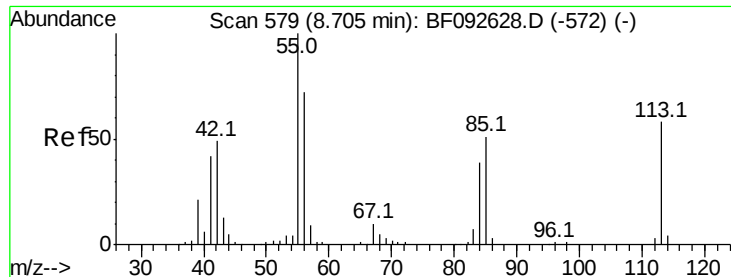
mohammad
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#34
Hexachlorobutadiene
Concen: 38.42 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	51.0	76.6		
227	63.8	50.6	76.0		





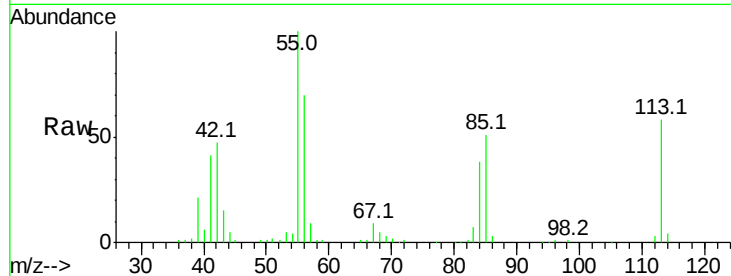
#35
 Caprolactam
 Concen: 43.91 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF093132.D
 Acq: 24 Feb 2017 6:02

Instrument :
 BNA_F
 ClientSampleID :
 PB97121BS

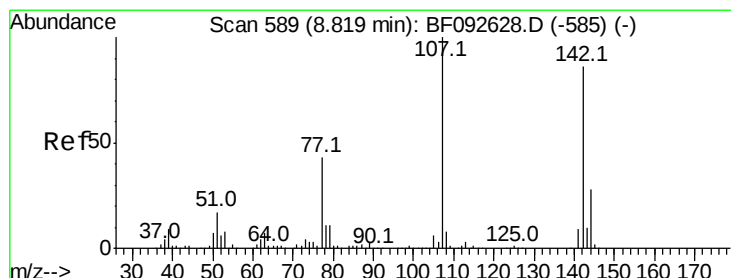
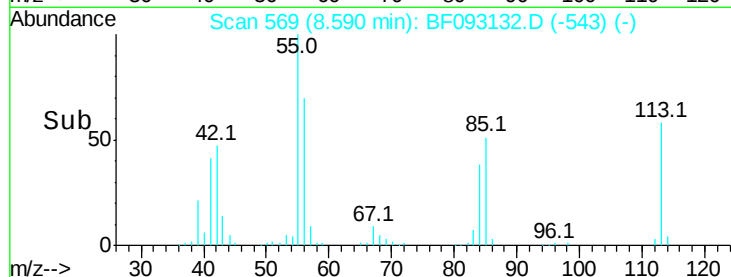
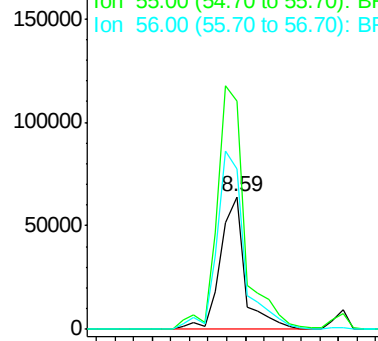
Tot Ion:113 Resp: 116459
 Ion Ratio Lower Upper
 113 100
 55 172.4 119.2 159.2#
 56 120.9 83.8 123.8

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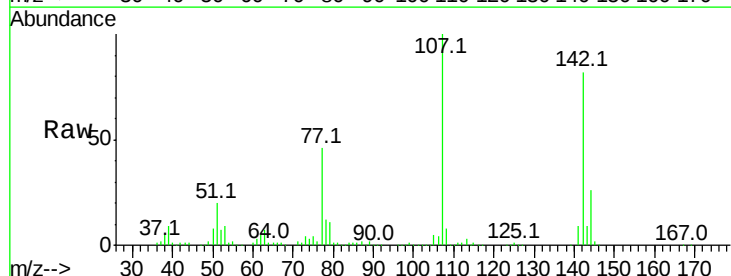


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

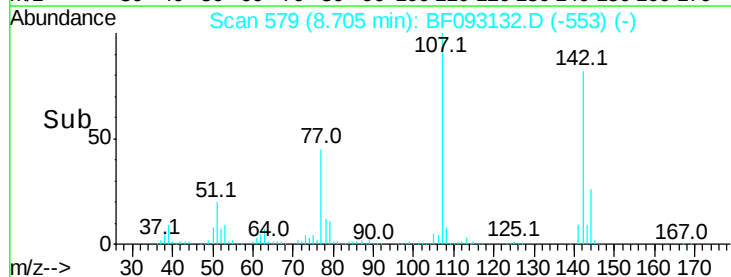
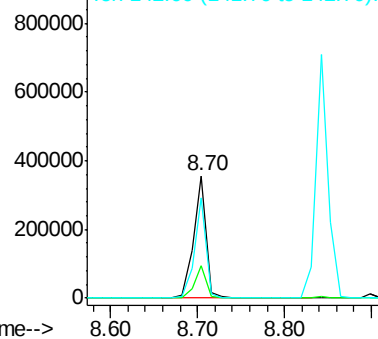


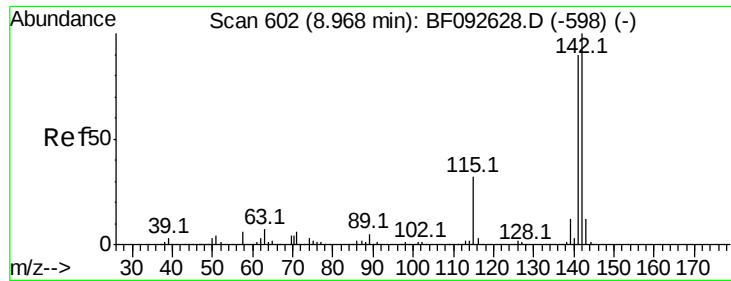
#36
 4-Chloro-3-methylphenol
 Concen: 41.11 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF093132.D
 Acq: 24 Feb 2017 6:02

Tgt Ion:107 Resp: 361419
 Ion Ratio Lower Upper
 107 100
 144 26.5 19.3 28.9
 142 81.9 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





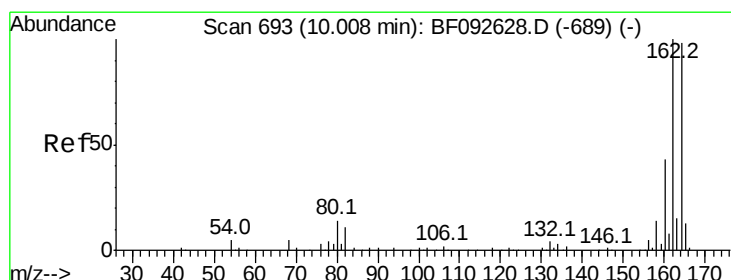
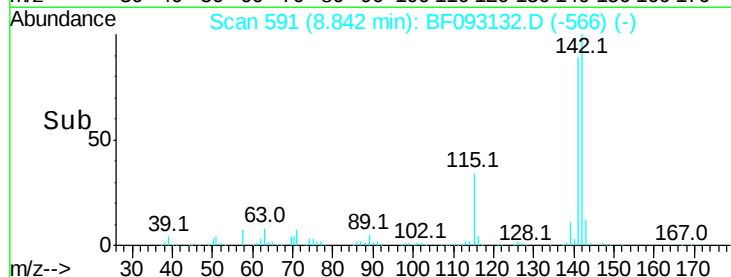
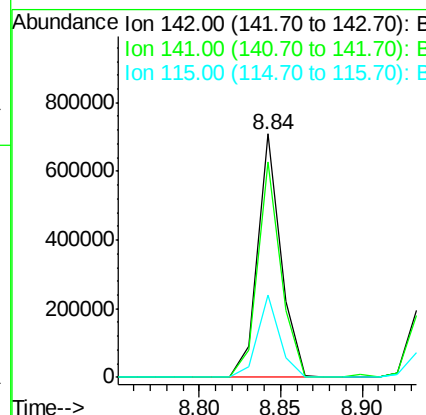
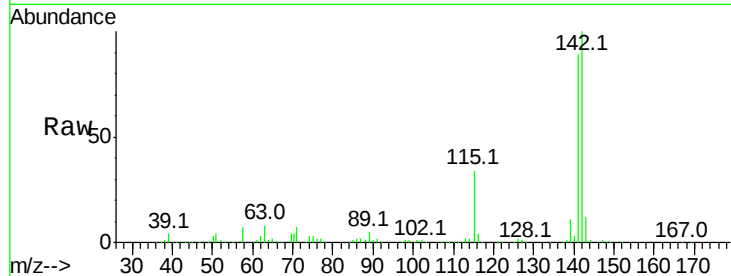
#37
2-Methylnaphthalene
Concen: 36.87 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Instrument :
BNA_F
ClientSampleId :
PB97121BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.0	106.6
115	33.8	28.3	42.5

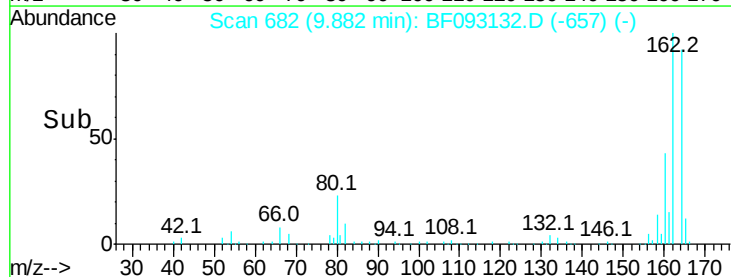
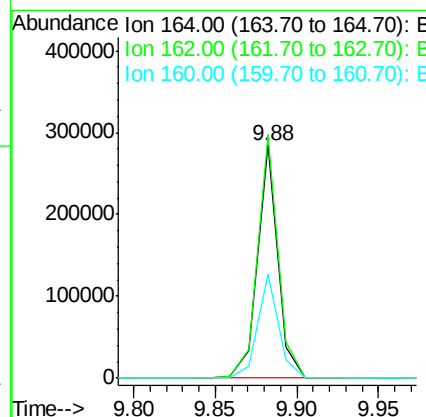
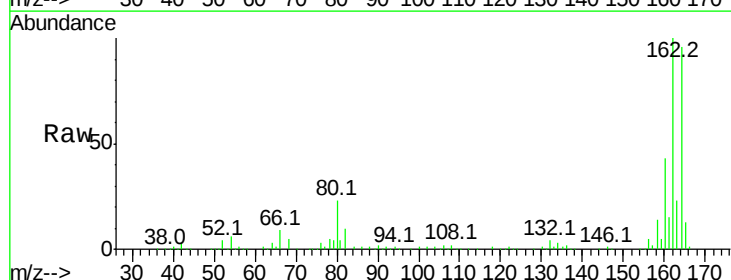
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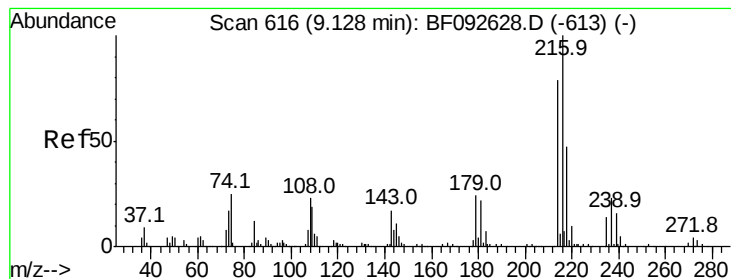
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	80.2	120.2
160	44.8	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.99 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF093132.D

Acq: 24 Feb 2017 6:02

Instrument :

BNA_F

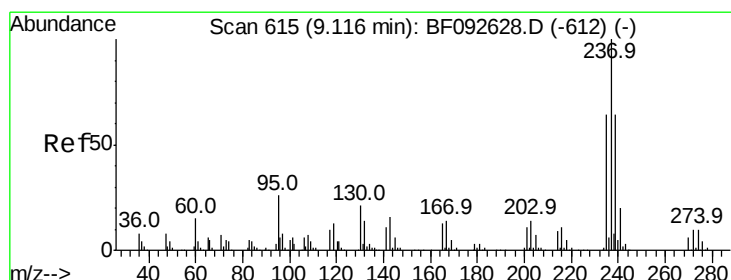
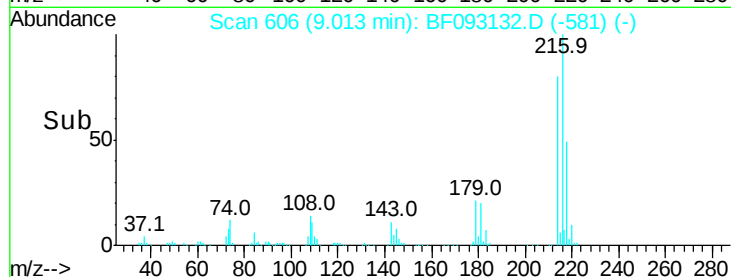
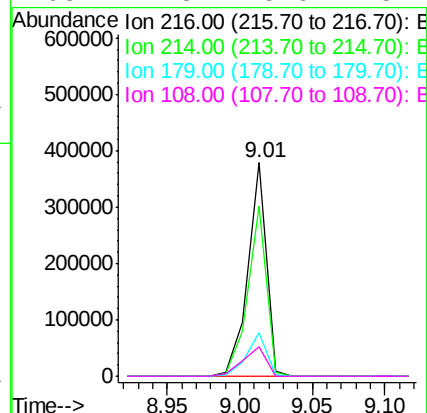
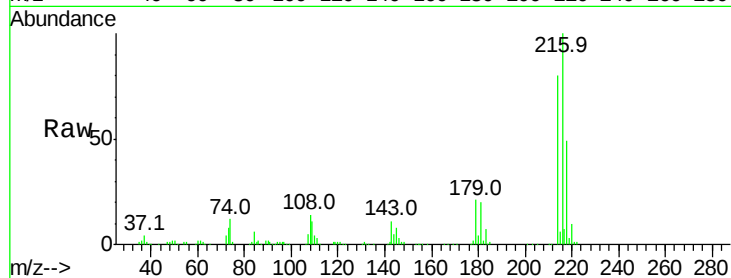
ClientSampleId :

PB97121BS

Tot Ion:	216	Resp:	337967
Ion Ratio		Lower	Upper
216	100		
214	80.1	63.4	95.0
179	21.6	17.4	26.2
108	17.8	15.6	23.4

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#40

Hexachlorocyclopentadiene

Concen: 18.76 ng

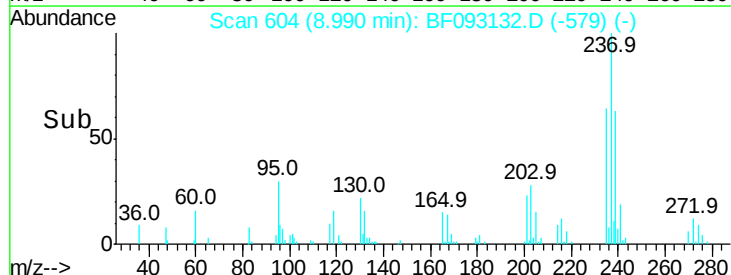
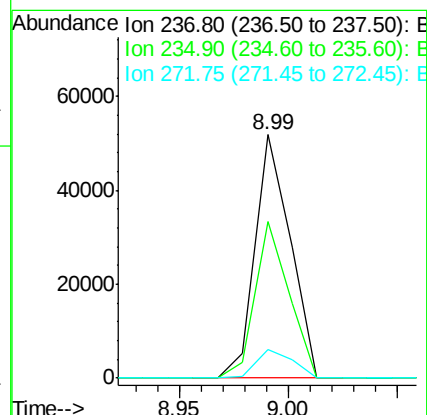
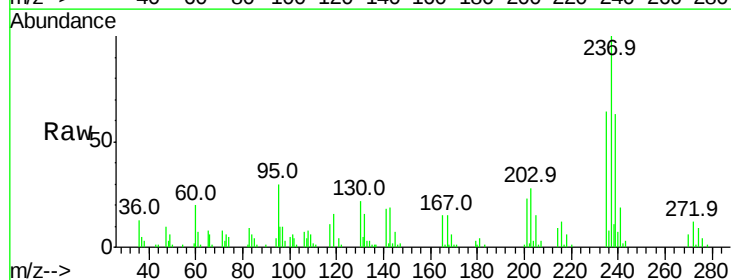
RT: 8.99 min Scan# 604

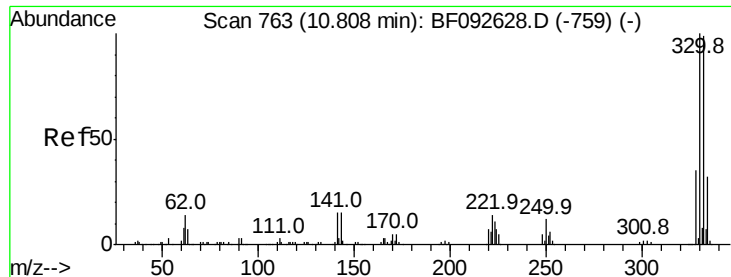
Delta R.T. -0.01 min

Lab File: BF093132.D

Acq: 24 Feb 2017 6:02

Tgt Ion:	237	Resp:	58374
Ion Ratio		Lower	Upper
237	100		
235	64.5	41.2	81.2
272	11.6	0.0	35.4





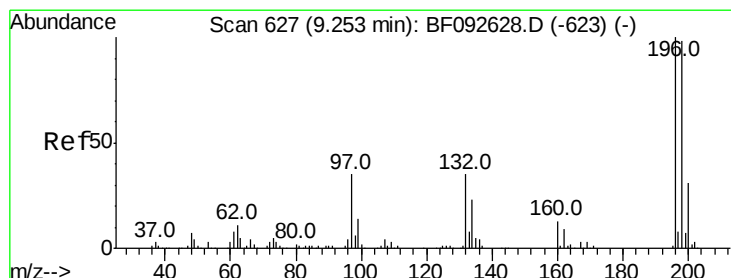
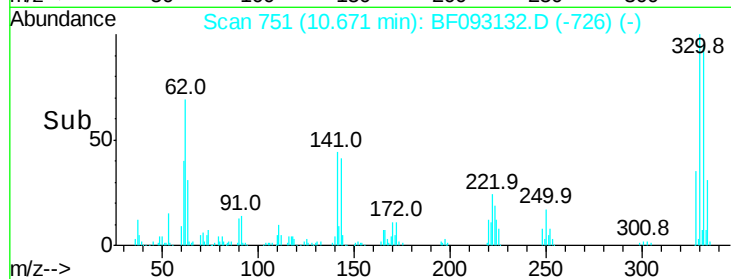
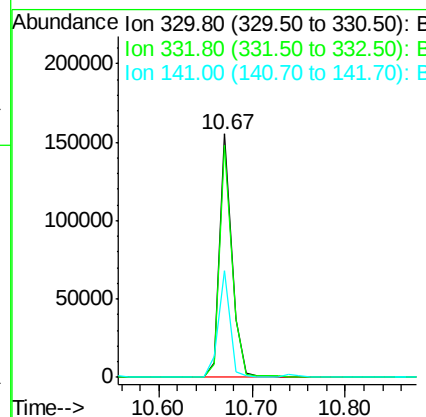
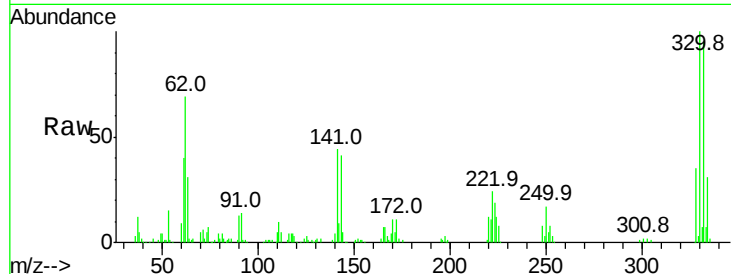
#41
 2,4,6-Tribromophenol
 Concen: 80.20 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093132.D
 Acq: 24 Feb 2017 6:02

Instrument :
 BNA_F
 ClientSampleId :
 PB97121BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	142539		
332	96.1	77.4	116.2	
141	41.7	34.1	51.1	

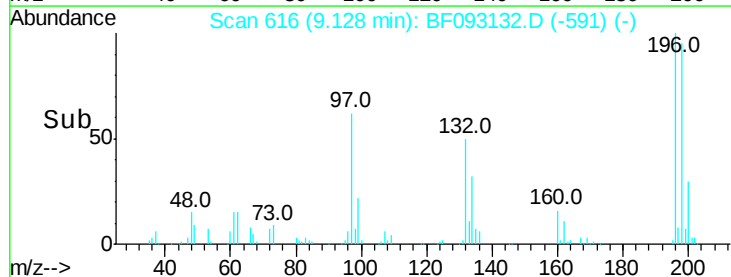
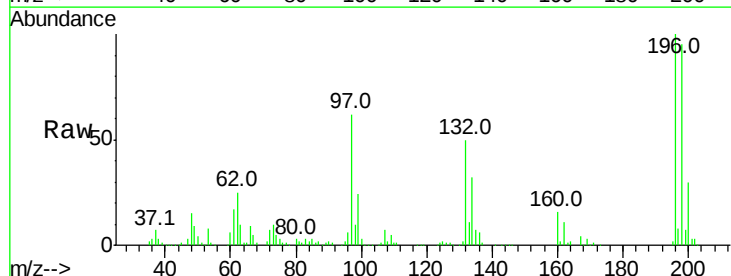
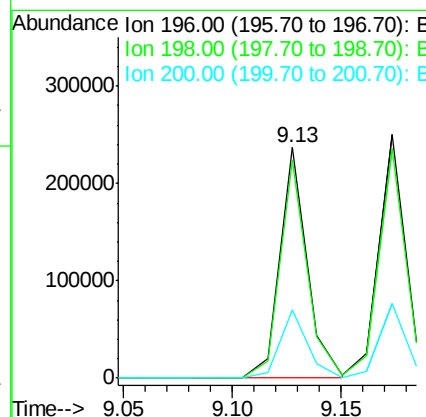
Manual Integrations
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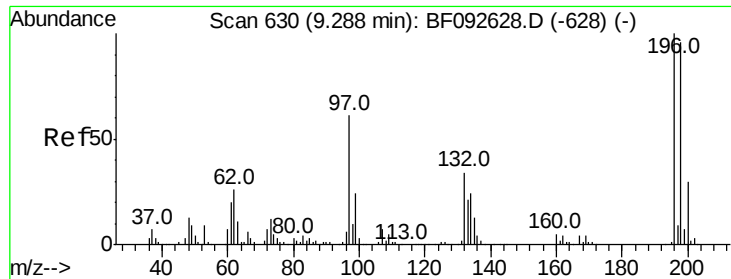
mohammad
 2/24/2017 2:11:37 PM



#42
 2,4,6-Trichlorophenol
 Concen: 46.07 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF093132.D
 Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	208816		
198	94.6	82.1	123.1	
200	29.7	27.0	40.4	





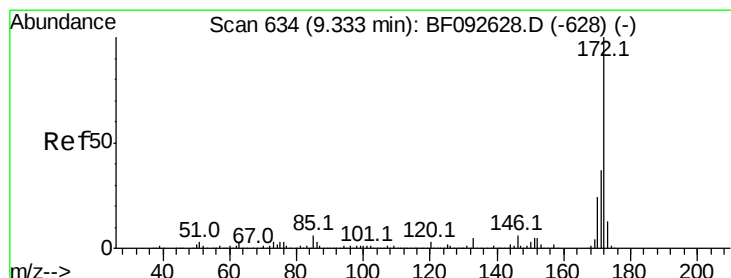
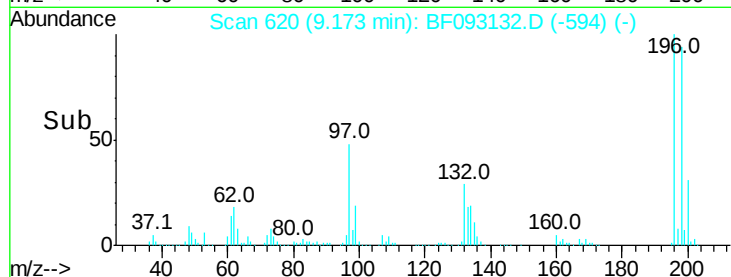
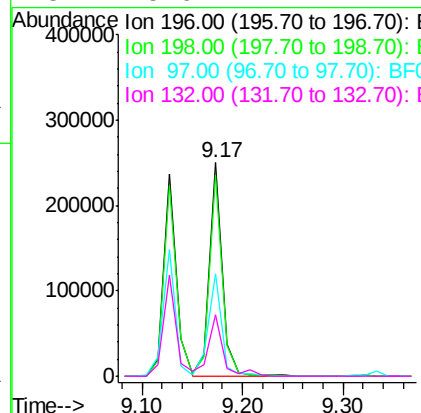
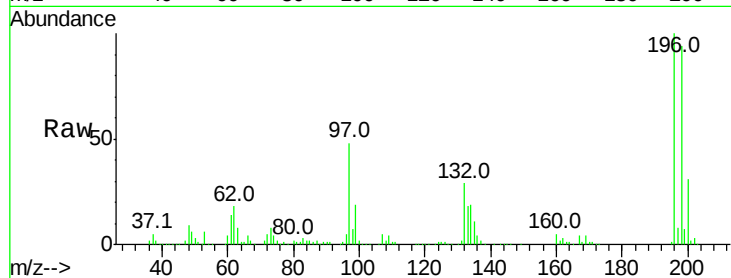
#43
 2,4,5-Trichlorophenol
 Concen: 44.50 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093132.D
 Acq: 24 Feb 2017 6:02

Instrument :
 BNA_F
 ClientSampleId :
 PB97121BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	221021		
198	94.4	79.4	119.2	
97	47.8	51.5	77.3	
132	28.6	27.4	41.2	

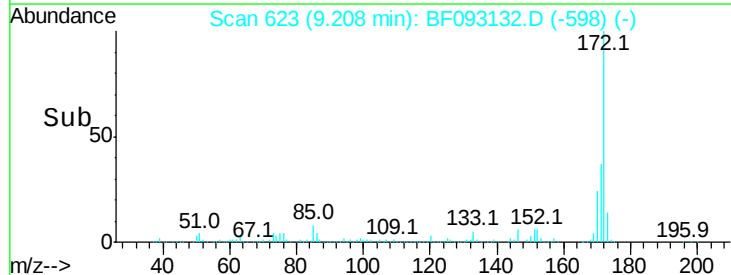
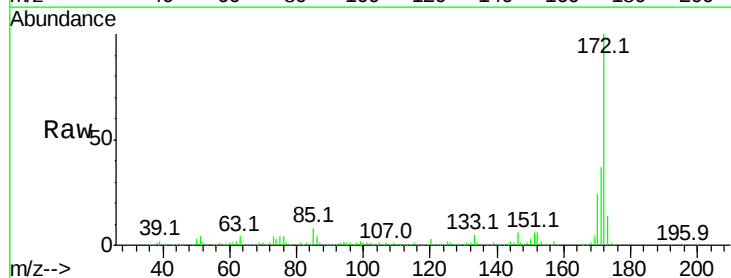
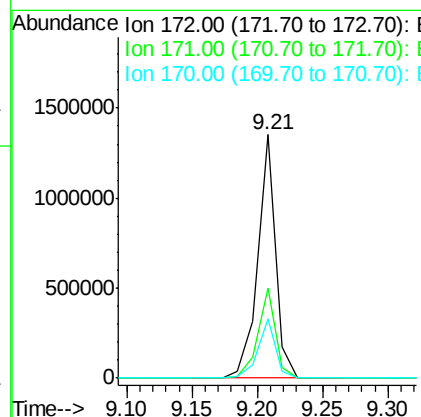
Manual Integrations
 APPROVED

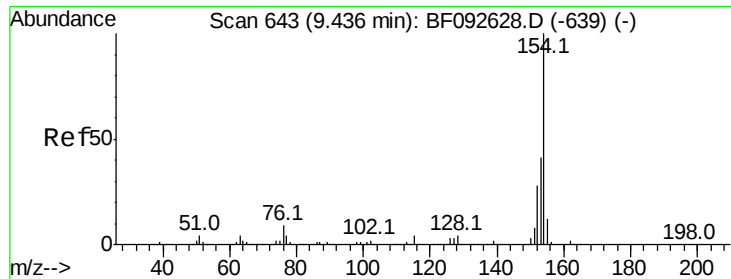
mohammad
 2/24/2017 2:11:37 PM



#44
 2-Fluorobiphenyl
 Concen: 95.21 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093132.D
 Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1291551		
171	36.9	29.4	44.0	
170	24.3	20.2	30.4	





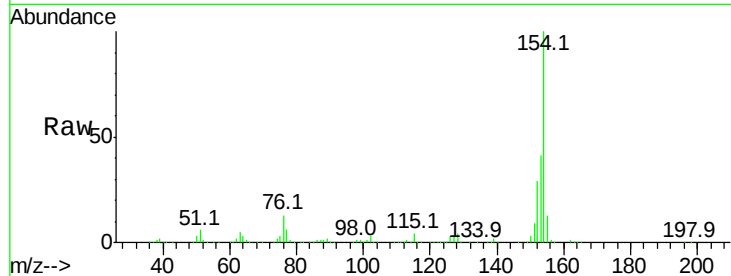
#45
 1,1'-Biphenyl
 Concen: 50.89 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF093132.D
 Acq: 24 Feb 2017 6:02

Instrument :
 BNA_F
 ClientSampleId :
 PB97121BS

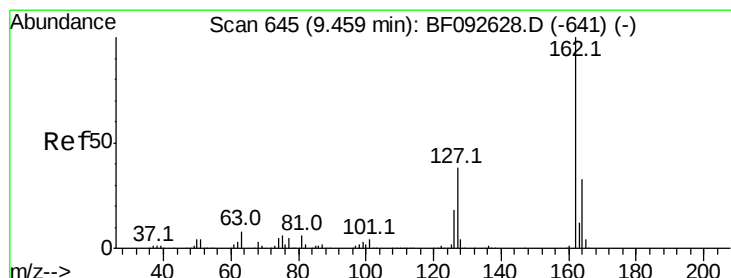
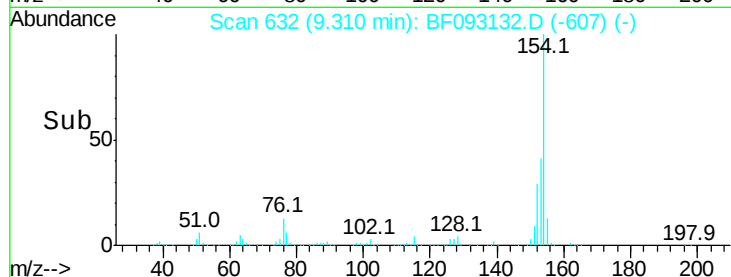
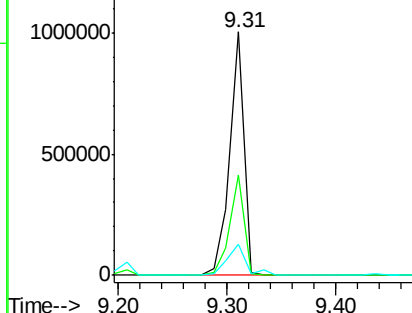
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.2	20.9	60.9	
76	12.5	0.0	30.5	

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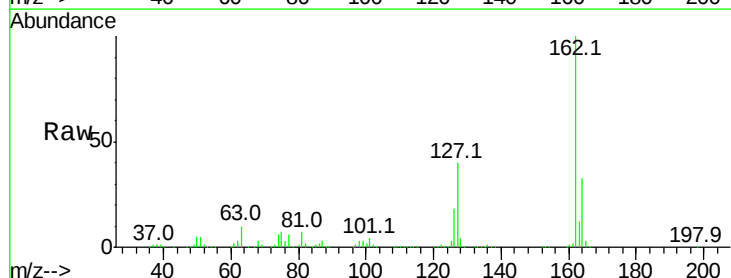


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

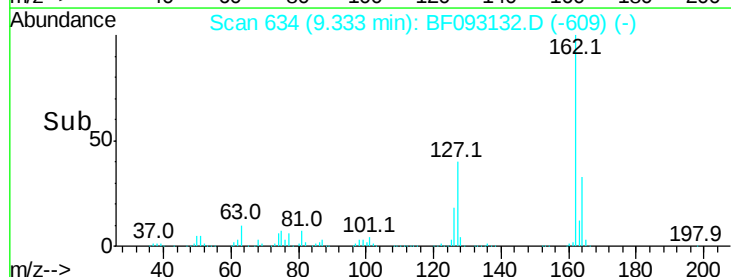
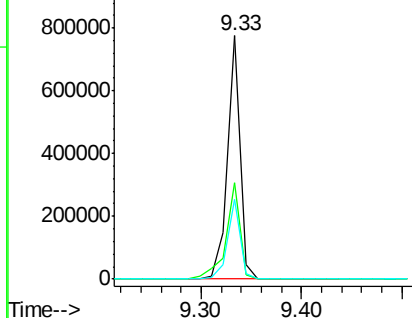


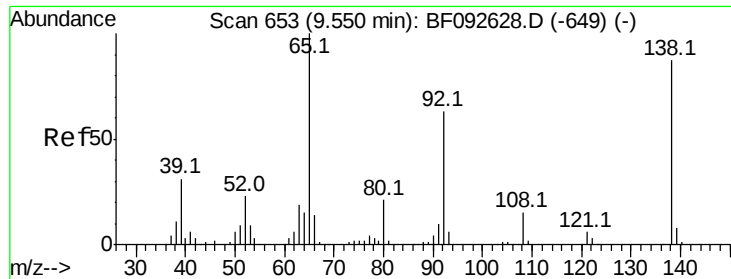
#46
 2-Chloronaphthalene
 Concen: 48.32 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF093132.D
 Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.9	30.7	46.1	
164	32.8	27.6	41.4	



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





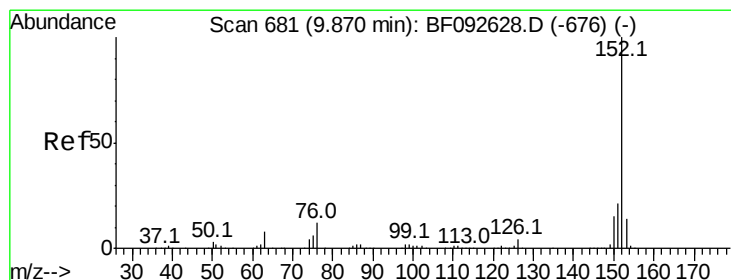
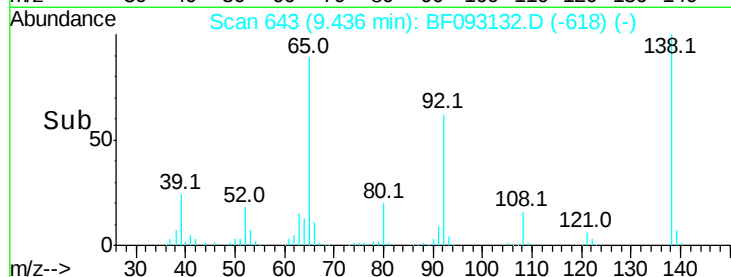
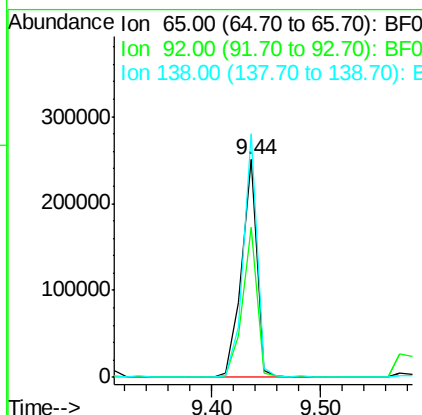
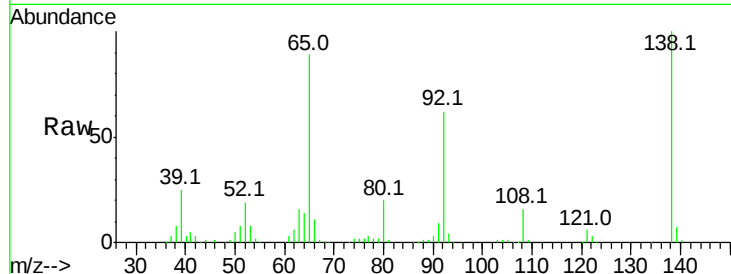
#47
2-Nitroaniline
Concen: 51.66 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Instrument :
BNA_F
ClientSampleId :
PB97121BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.1	53.9	80.9
138	111.9	76.8	115.2

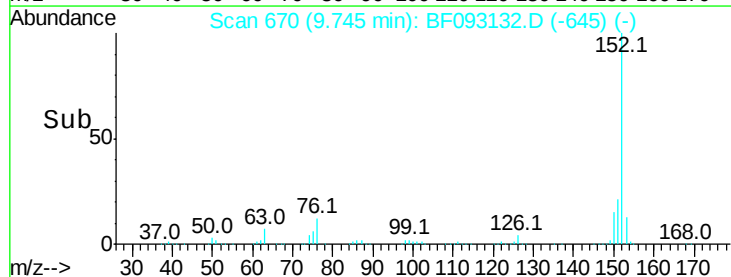
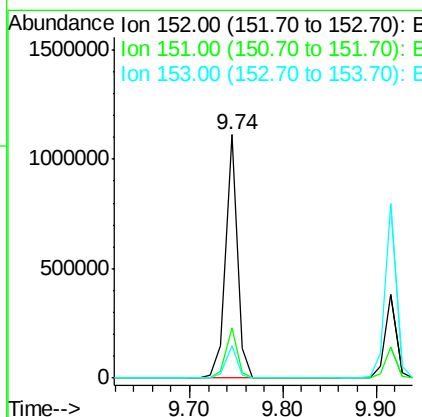
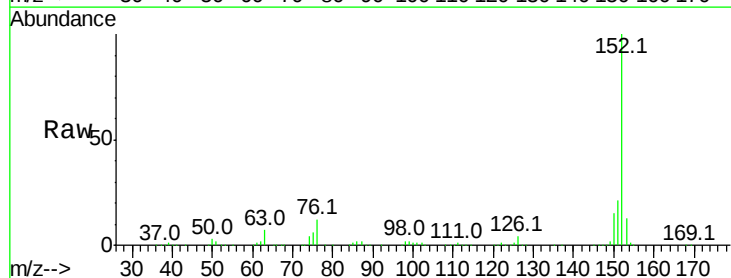
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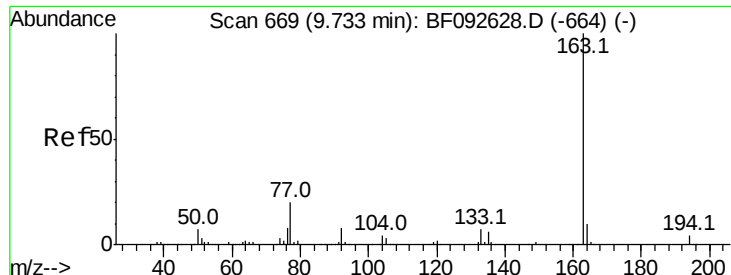
mohammad
2/24/2017 2:11:37 PM



#48
Acenaphthylene
Concen: 40.45 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.4	11.4	17.2





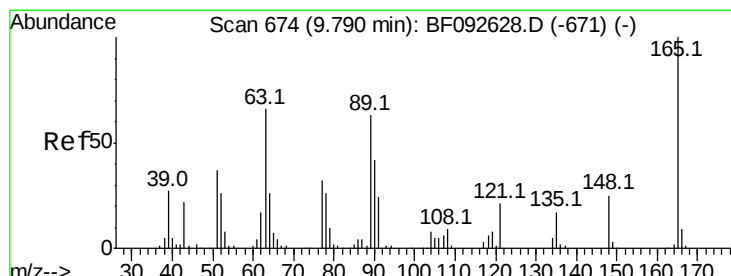
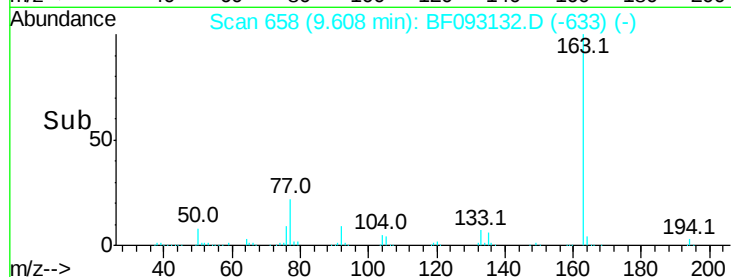
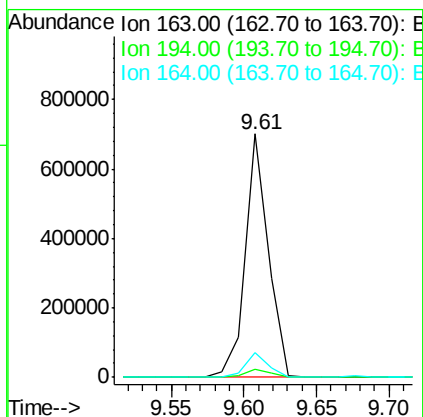
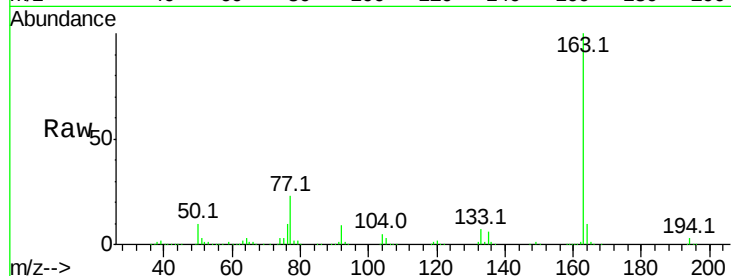
#49
Dimethylphthalate
Concen: 46.51 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Instrument :
BNA_F
ClientSampleId :
PB97121BS

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	3.0	4.4
164	10.3	8.0	12.0

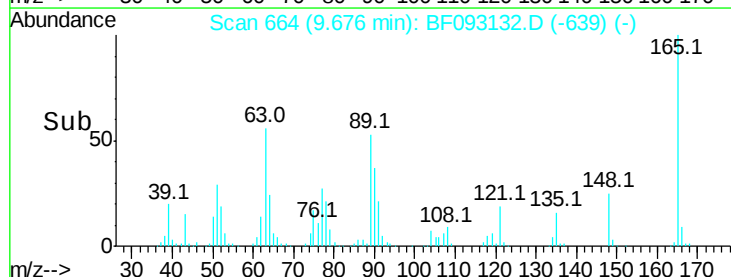
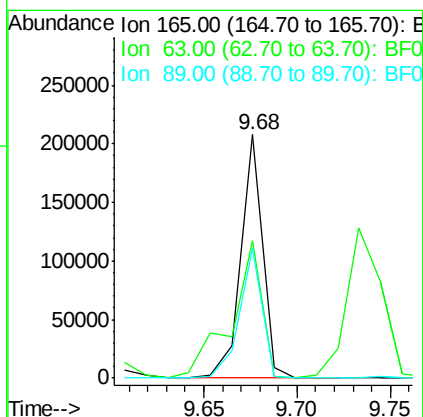
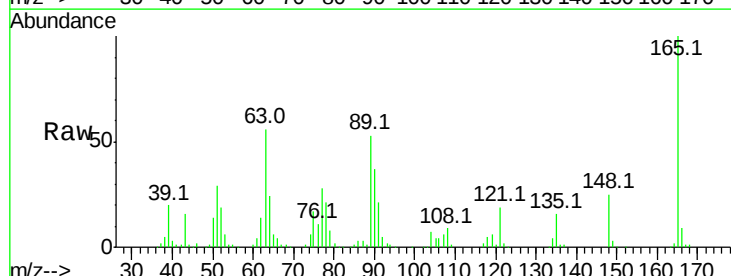
Manual Integrations
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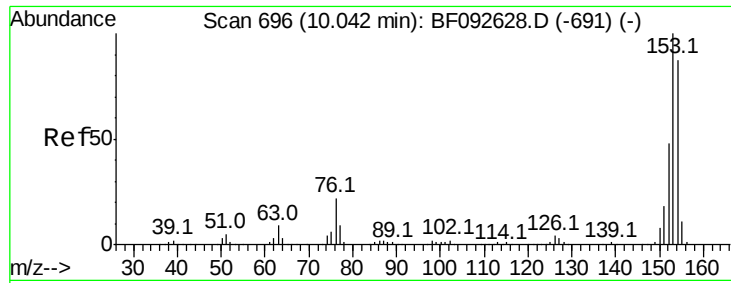
mohammad
2/24/2017 2:11:37 PM



#50
2,6-Dinitrotoluene
Concen: 47.51 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	56.4	36.2	54.4#
89	53.3	40.2	60.4





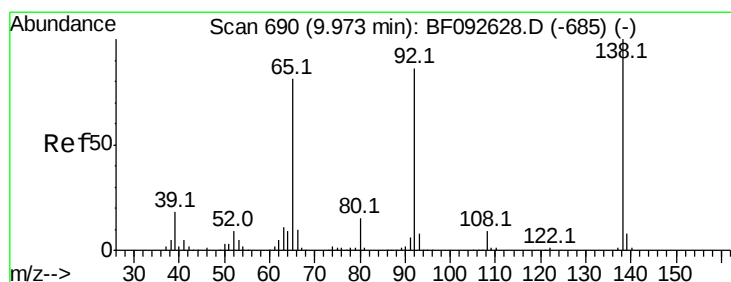
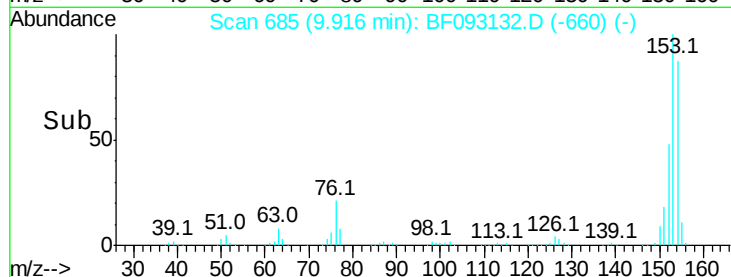
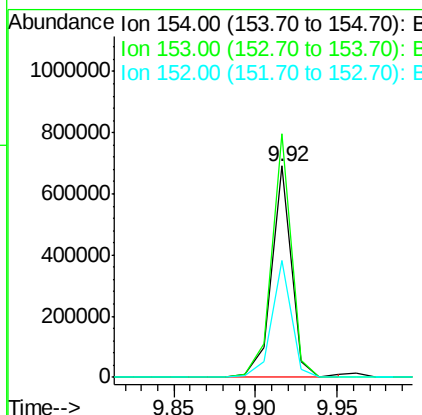
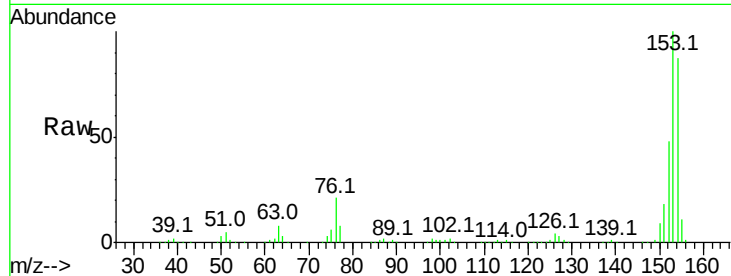
#51
Acenaphthene
Concen: 40.91 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Instrument :
BNA_F
ClientSampleId :
PB97121BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.3	88.6	133.0
152	55.1	41.6	62.4

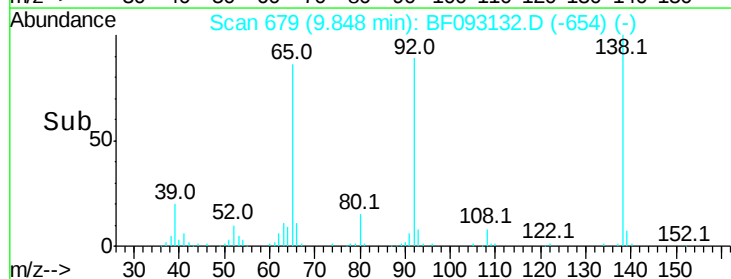
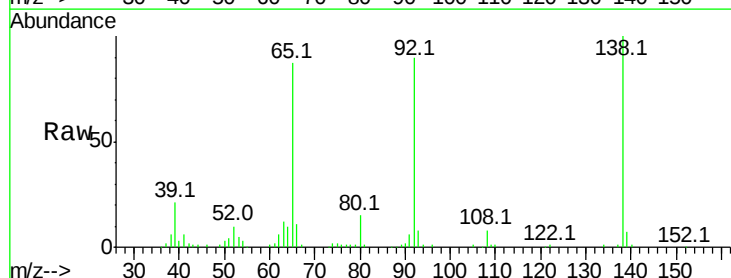
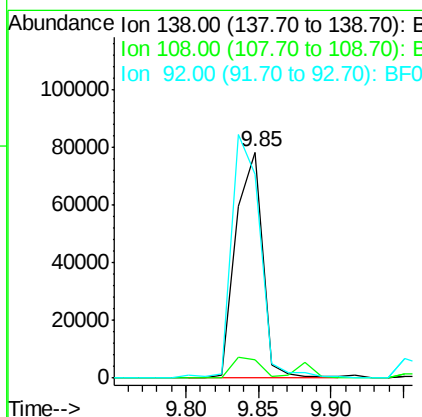
Manual Integrations
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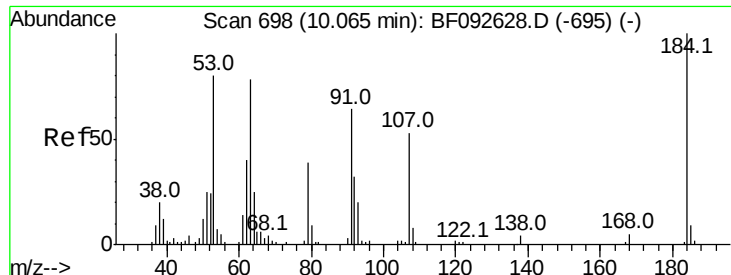
mohammad
2/24/2017 2:11:37 PM



#52
3-Nitroaniline
Concen: 24.57 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.0	8.5	12.7#
92	89.9	97.8	146.8#





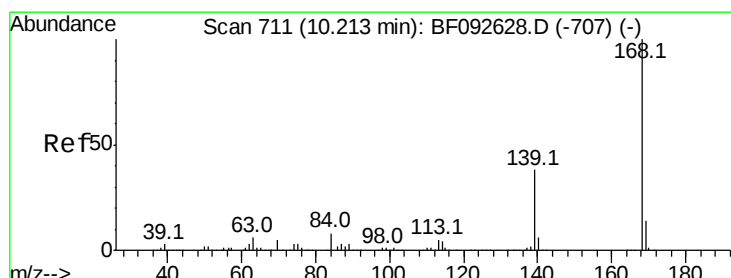
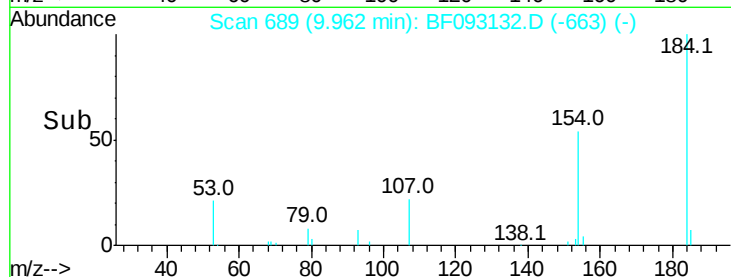
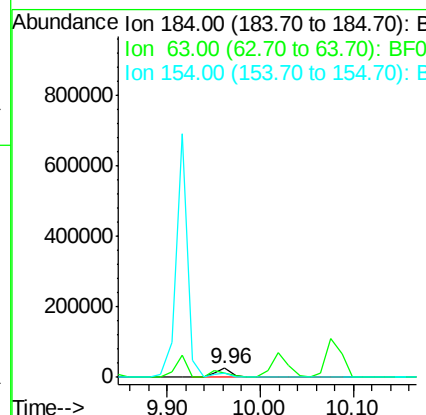
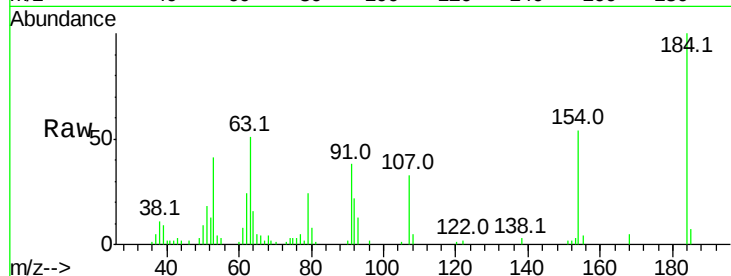
#53
 2,4-Dinitrophenol
 Concen: 23.82 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093132.D
 Acq: 24 Feb 2017 6:02

Instrument :
 BNA_F
 ClientSampleId :
 PB97121BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	50.9	28.4	42.6	
154	54.2	44.3	66.5	

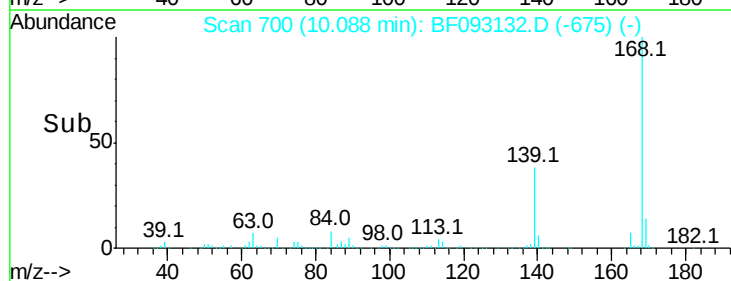
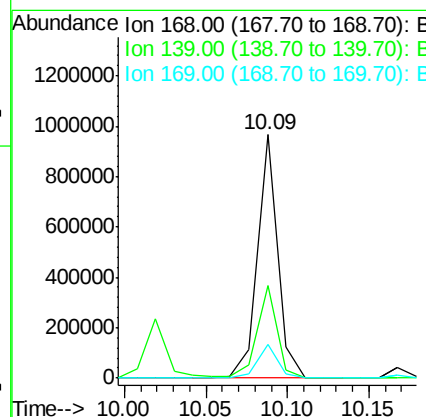
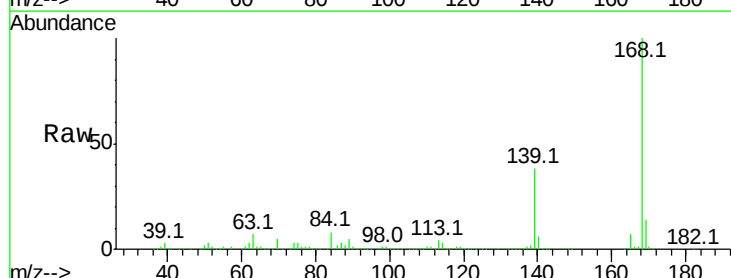
Manual Integrations
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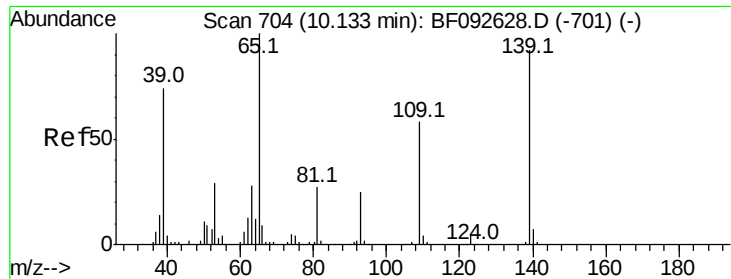
mohammad
 2/24/2017 2:11:37 PM



#54
 Dibenzofuran
 Concen: 43.36 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093132.D
 Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.2	32.6	49.0	
169	13.7	11.3	16.9	





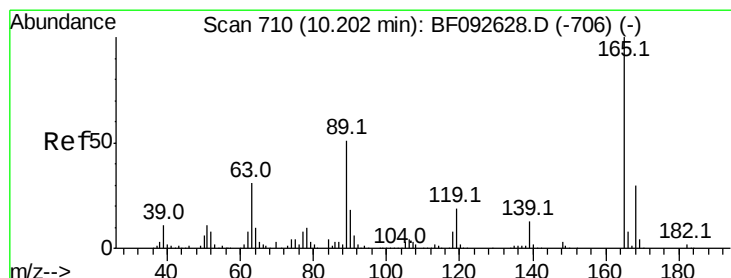
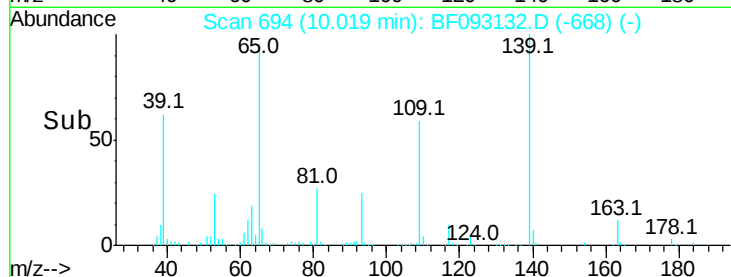
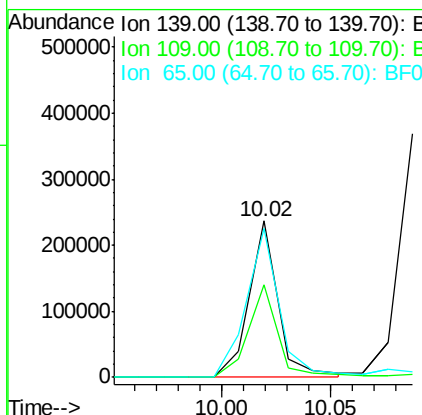
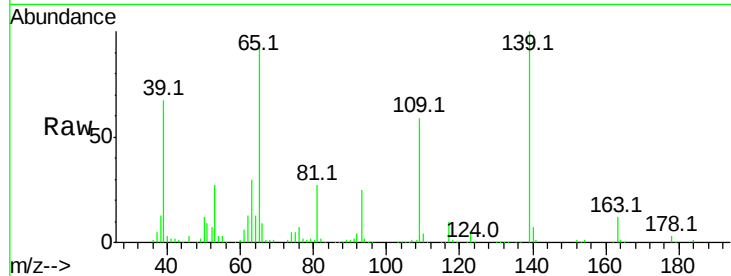
#55
4-Nitrophenol
Concen: 74.62 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Instrument :
BNA_F
ClientSampleId :
PB97121BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	219877		
109	59.4	52.2	92.2	
65	95.4	85.8	125.8	

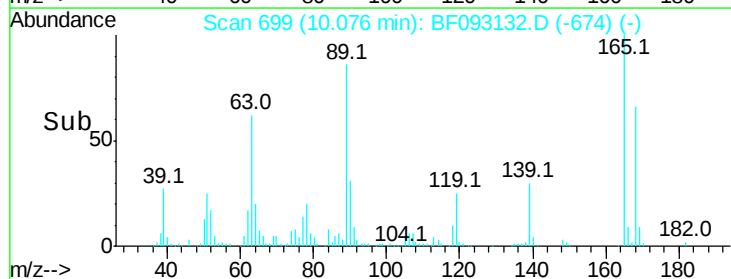
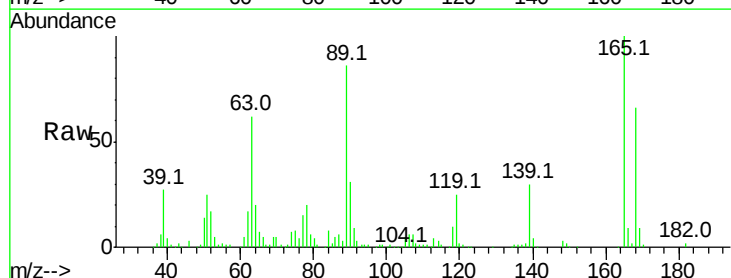
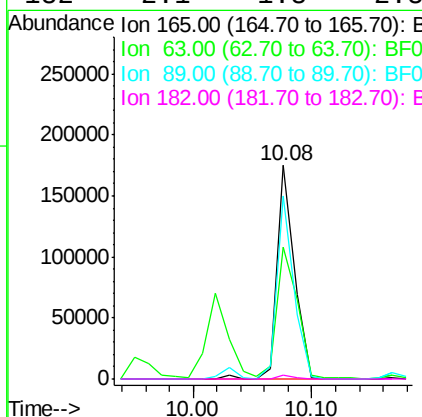
Manual Integrations
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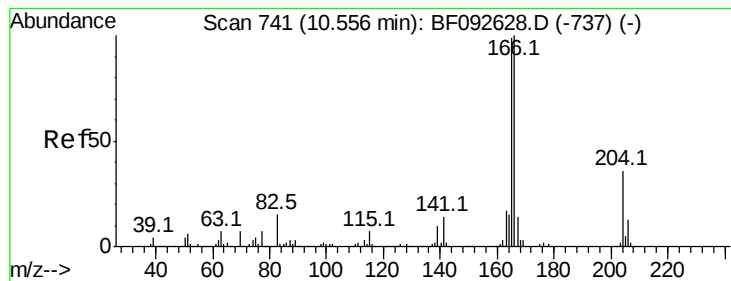
mohammad
2/24/2017 2:11:37 PM



#56
2,4-Dinitrotoluene
Concen: 37.19 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	176972		
63	62.0	40.2	60.4	#
89	85.8	62.5	93.7	
182	2.1	1.8	2.8	





#57

Fluorene

Concen: 43.72 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF093132.D

Acq: 24 Feb 2017 6:02

Instrument :

BNA_F

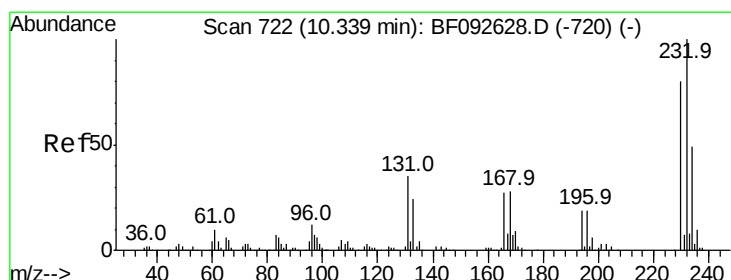
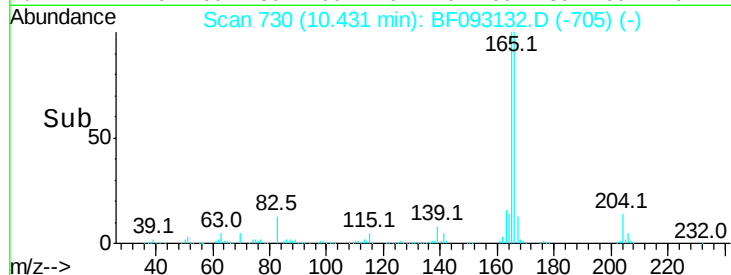
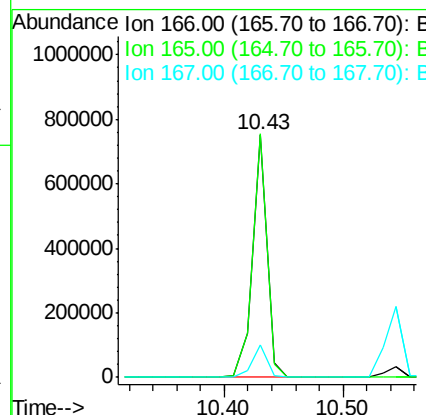
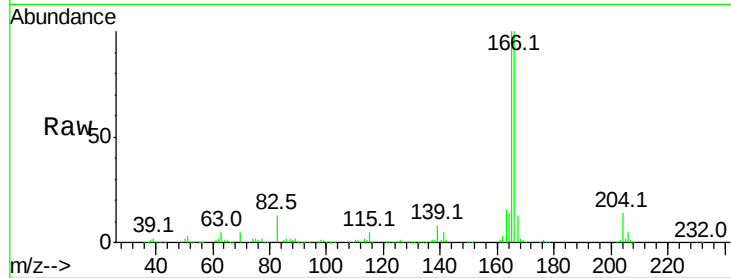
ClientSampleID :

PB97121BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.3	77.8	116.8
167	13.4	10.8	16.2

Manual Integrations
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2/24/2017 2:11:37 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.81 ng

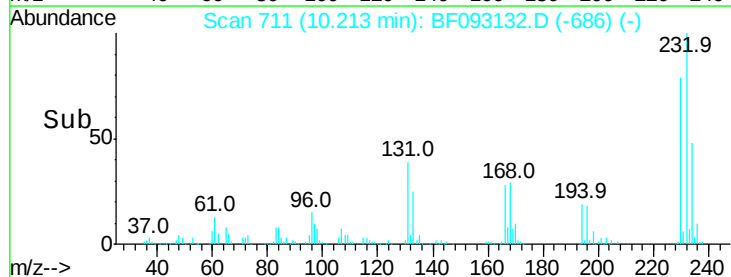
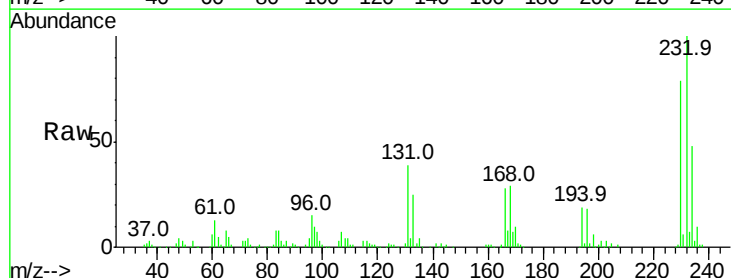
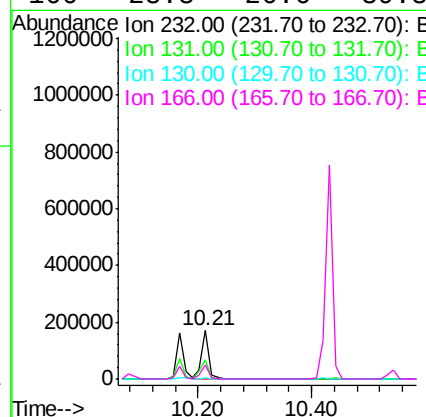
RT: 10.21 min Scan# 711

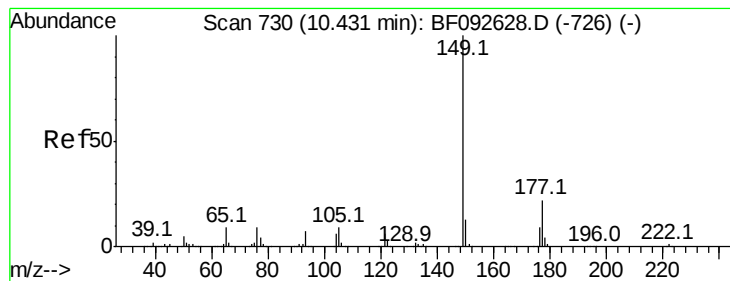
Delta R.T. -0.01 min

Lab File: BF093132.D

Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.9	40.1	60.1
130	2.0	1.8	2.8
166	28.8	26.6	39.8





#59

Diethylphthalate

Concen: 46.82 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF093132.D

Acq: 24 Feb 2017 6:02

Instrument :

BNA_F

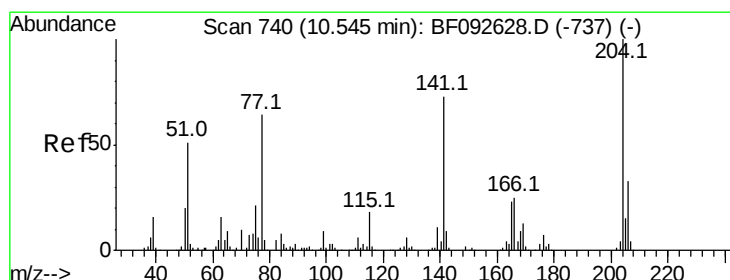
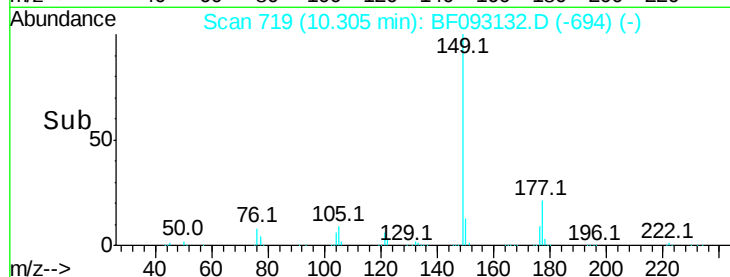
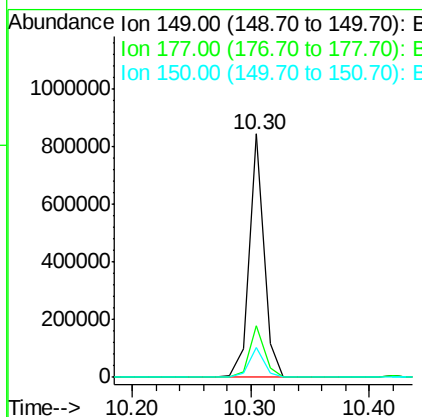
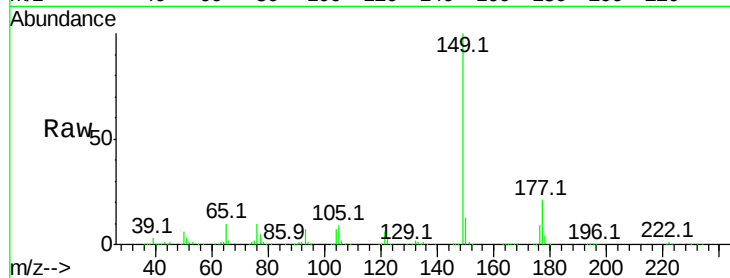
ClientSampled :

PB97121BS

Tot Ion:	149	Resp:	730303
Ion Ratio	Lower	Upper	
149	100		
177	21.3	16.6	25.0
150	12.5	10.4	15.6

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#60

4-Chlorophenyl-phenylether

Concen: 41.54 ng

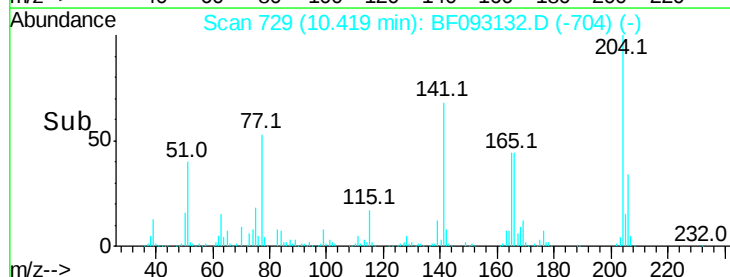
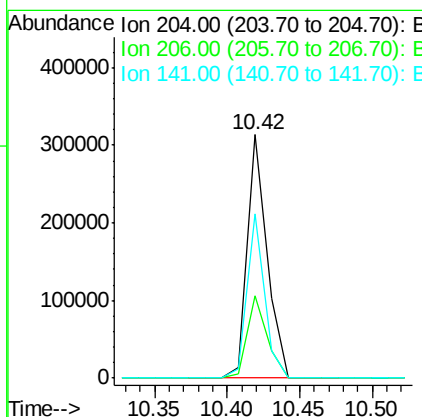
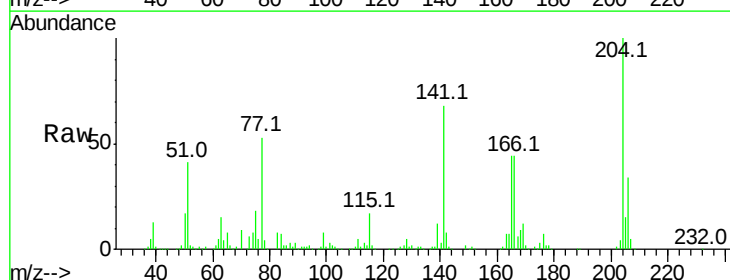
RT: 10.42 min Scan# 729

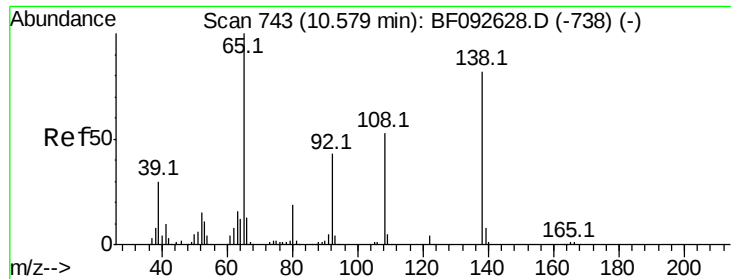
Delta R.T. -0.01 min

Lab File: BF093132.D

Acq: 24 Feb 2017 6:02

Tgt Ion:	204	Resp:	295233
Ion Ratio	Lower	Upper	
204	100		
206	33.9	25.8	38.6
141	67.7	59.4	89.0





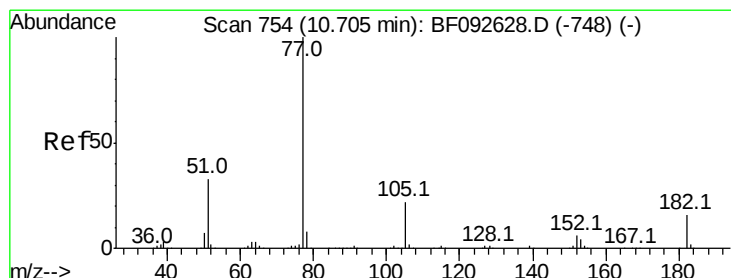
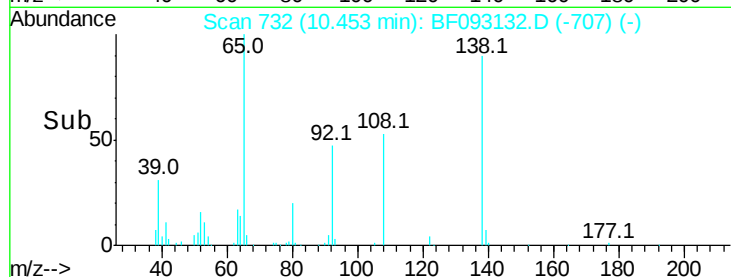
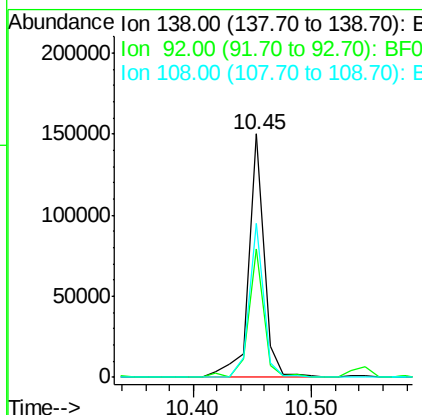
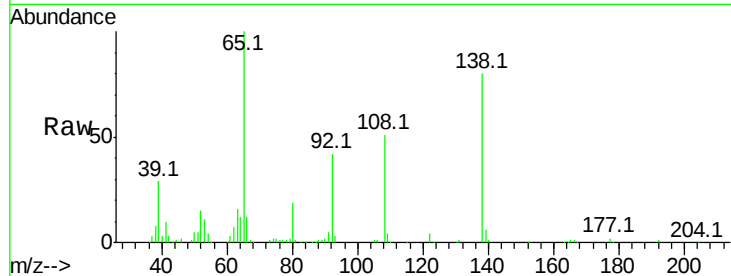
#61
4-Nitroaniline
Concen: 32.94 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Instrument :
BNA_F
ClientSampleId :
PB97121BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	138004		
92	52.6		31.7	71.7
108	63.2		52.6	92.6

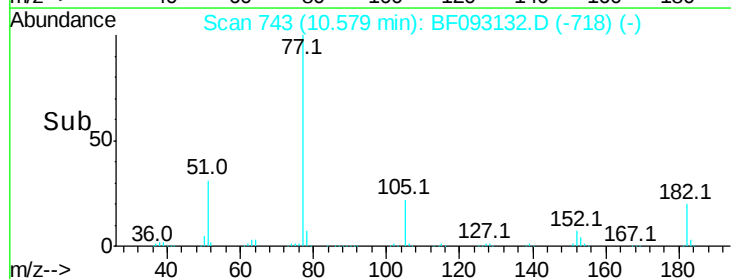
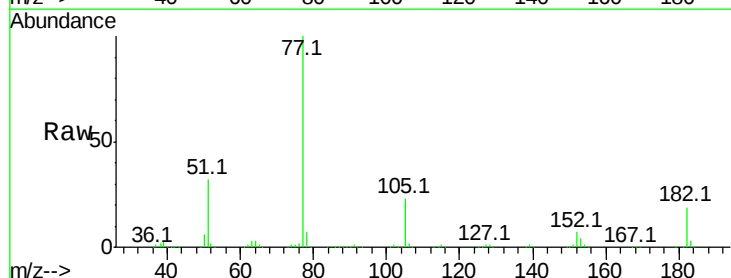
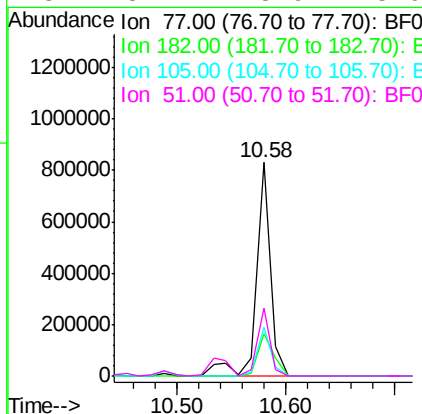
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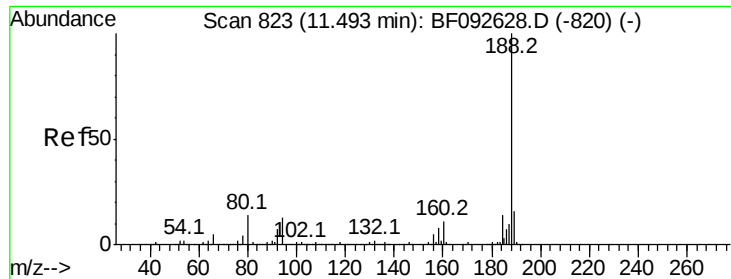
mohammad
2/24/2017 2:11:37 PM



#62
Azobenzene
Concen: 47.39 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	763680		
182	19.5		0.0	39.3
105	23.0		2.3	42.3
51	31.7		8.9	48.9





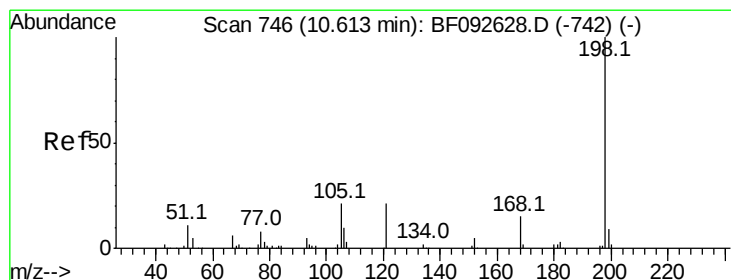
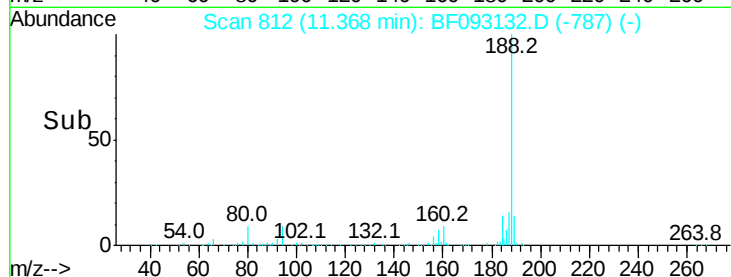
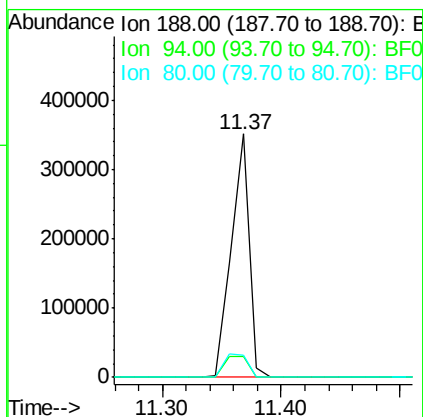
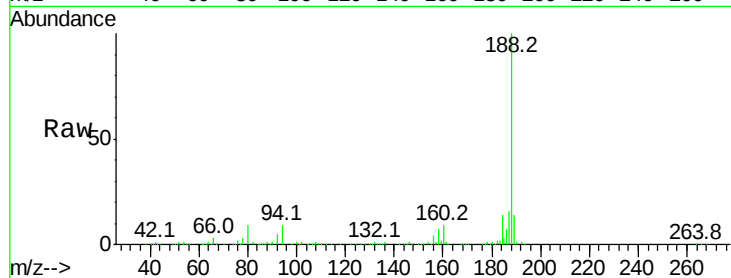
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Instrument :
BNA_F
ClientSampleId :
PB97121BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.6	10.0	15.0#
80	9.1	11.2	16.8#

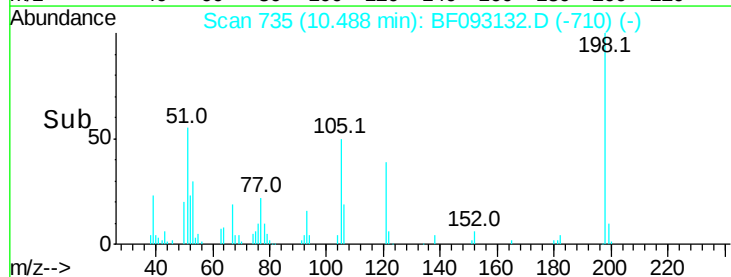
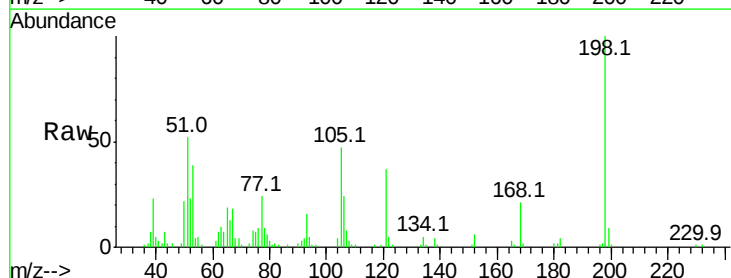
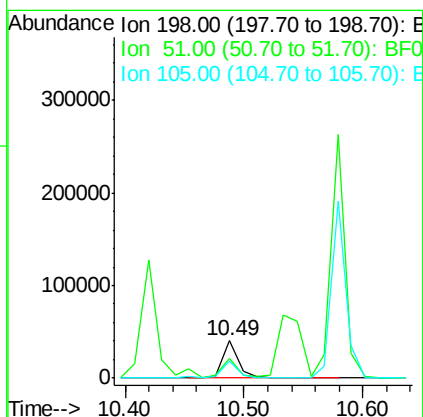
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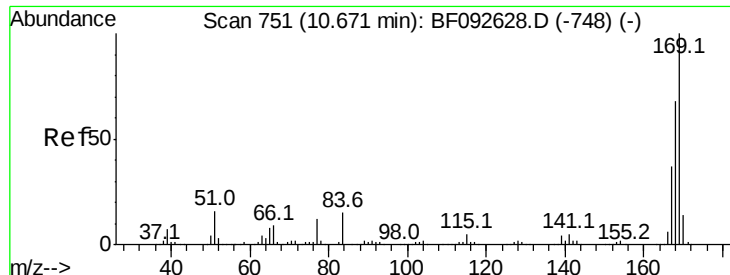
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 17.93 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	52.4	6.7	46.7#
105	47.3	16.6	56.6





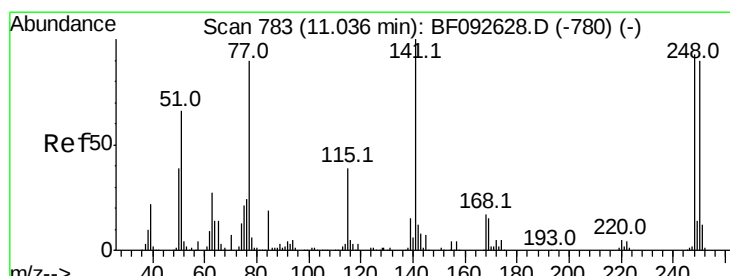
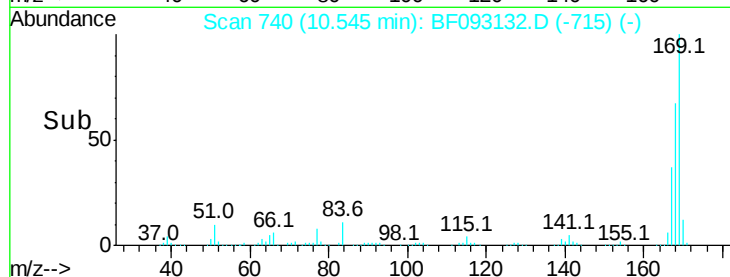
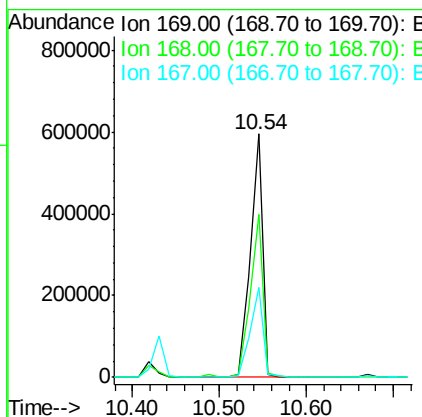
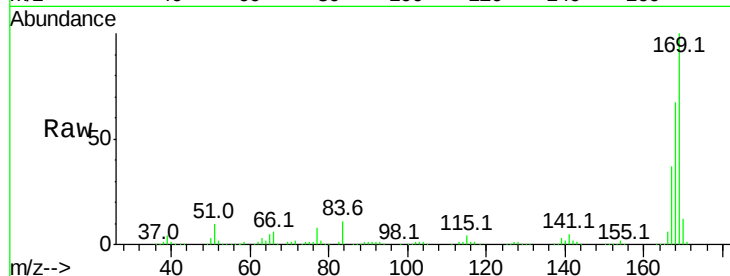
#65
n-Nitrosodiphenylamine
Concen: 50.24 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Instrument :
BNA_F
ClientSampleId :
PB97121BS

Tot Ion	Ratio	Resp Lower	Upper
169	100		
168	66.8	54.2	81.2
167	37.1	30.2	45.4

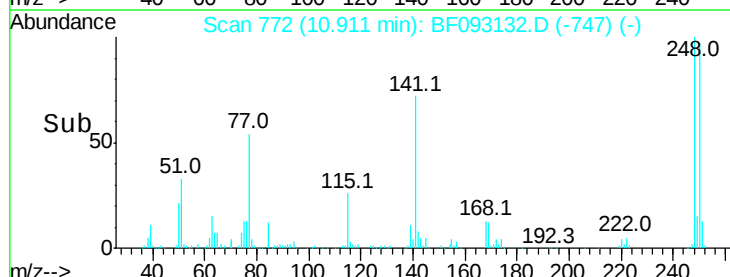
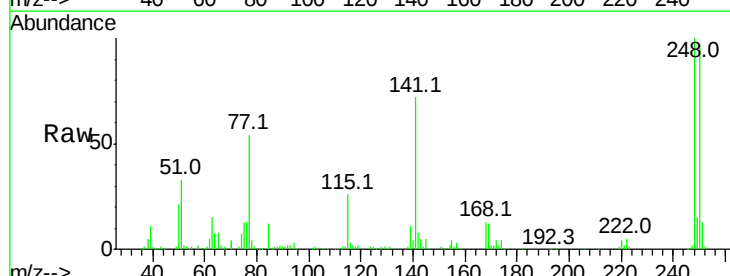
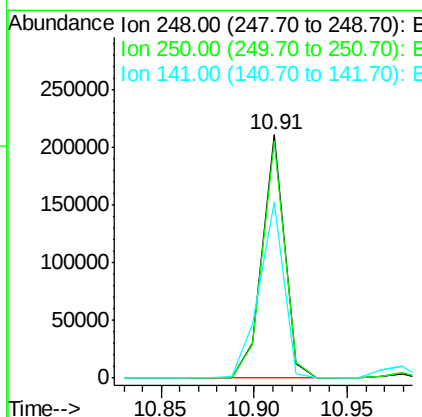
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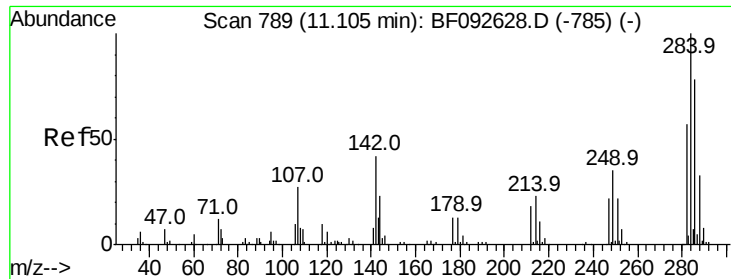
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 45.57 ng
RT: 10.91 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	97.4	76.9	115.3
141	72.1	68.2	102.4





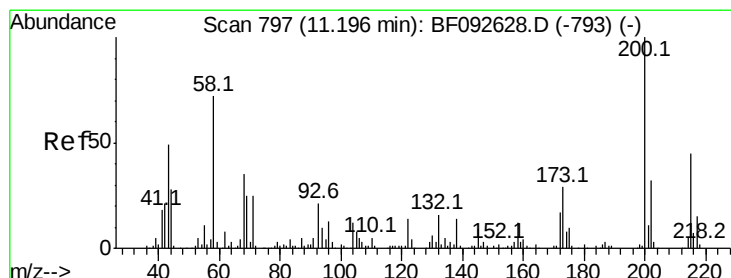
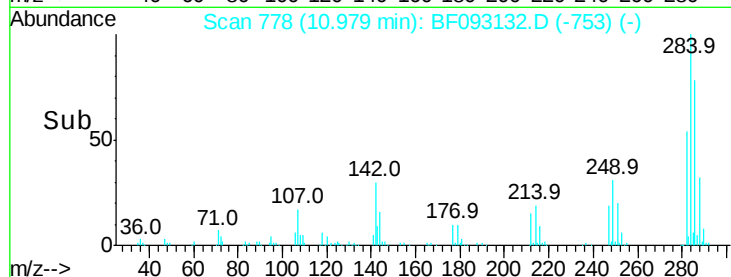
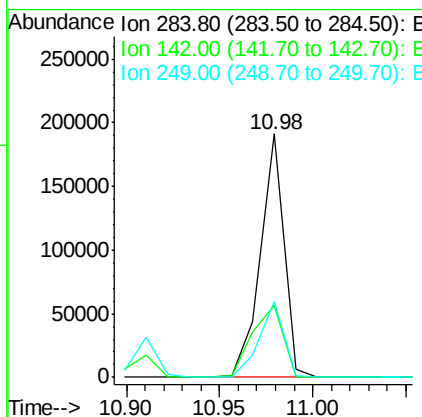
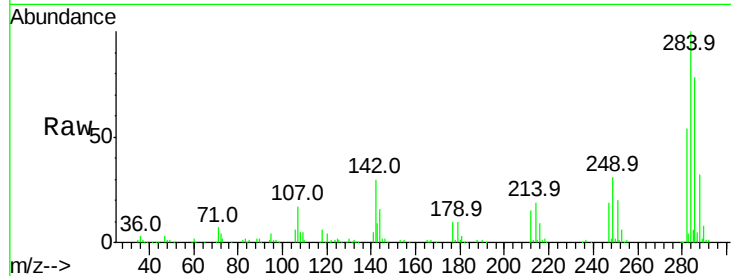
#67
Hexachlorobenzene
Concen: 43.68 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Instrument :
BNA_F
ClientSampleId :
PB97121BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	165915		
142	29.6	22.6	33.8	
249	31.1	25.4	38.0	

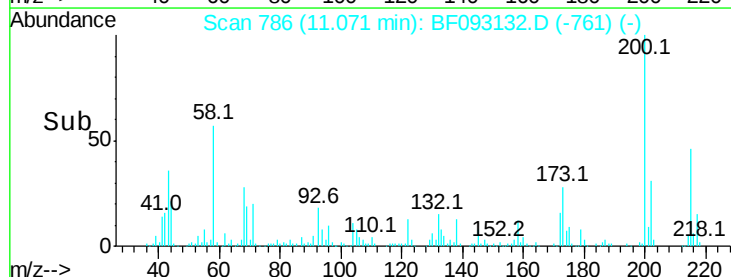
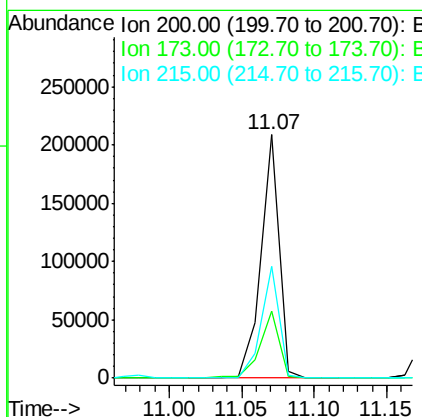
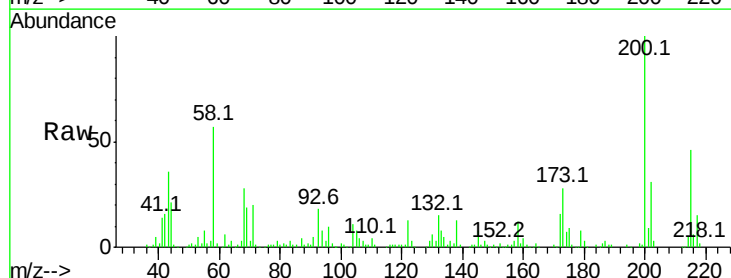
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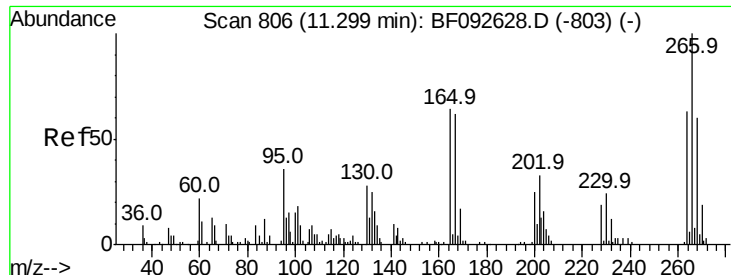
mohammad
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#68
Atrazine
Concen: 48.06 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	181285		
173	27.7	9.6	49.6	
215	45.8	25.7	65.7	





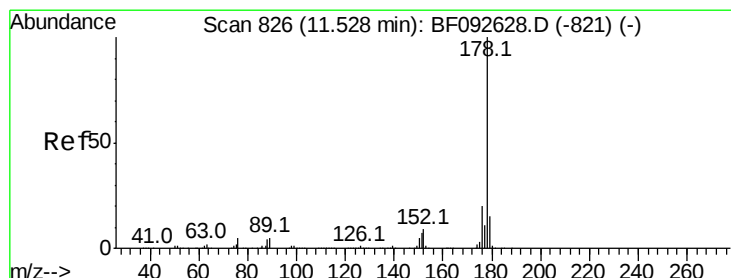
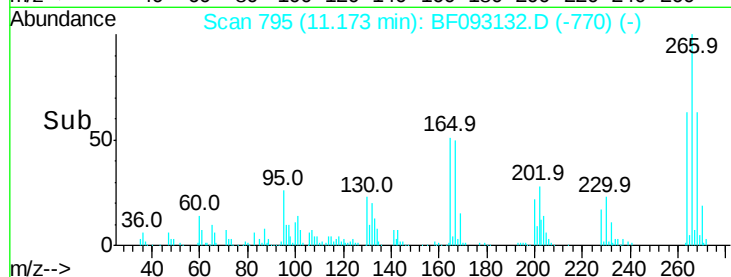
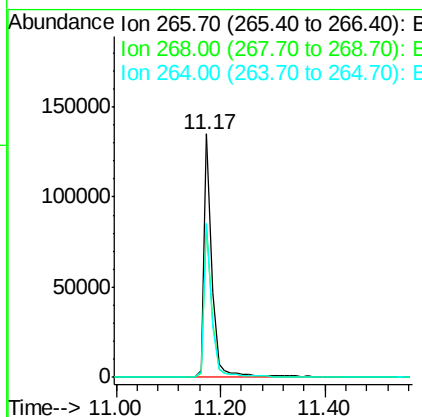
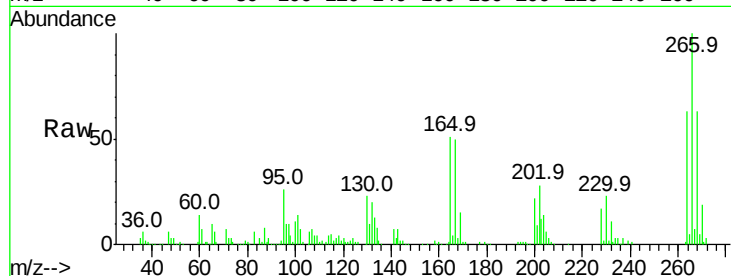
#69
 Pentachlorophenol
 Concen: 75.81 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF093132.D
 Acq: 24 Feb 2017 6:02

Instrument :
 BNA_F
 ClientSampleId :
 PB97121BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	147855		
268	62.8	53.3	79.9	
264	63.1	50.3	75.5	

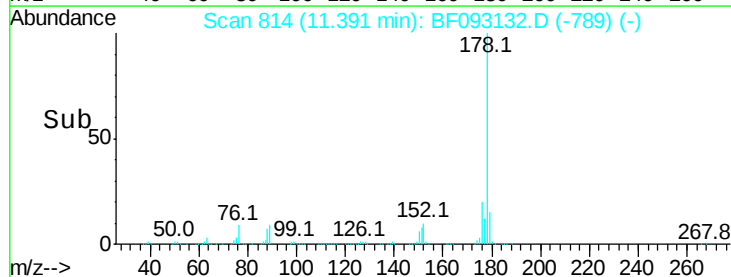
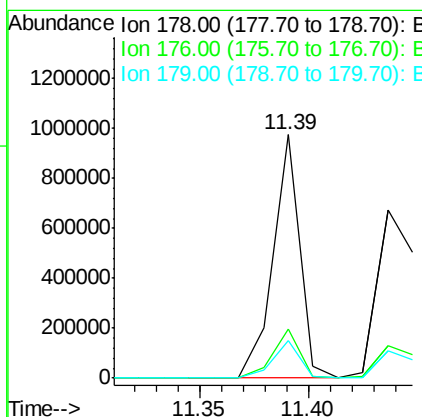
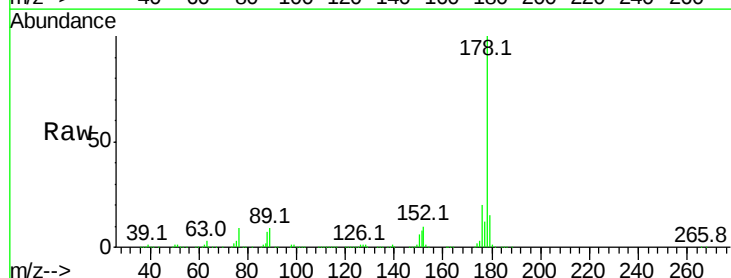
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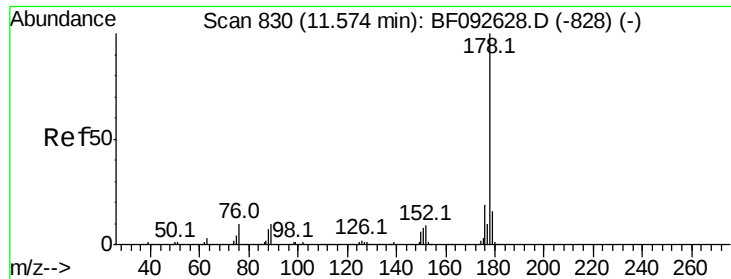
mohammad
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#70
 Phenanthrene
 Concen: 40.07 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF093132.D
 Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	844692		
176	20.1	16.6	25.0	
179	15.4	12.8	19.2	





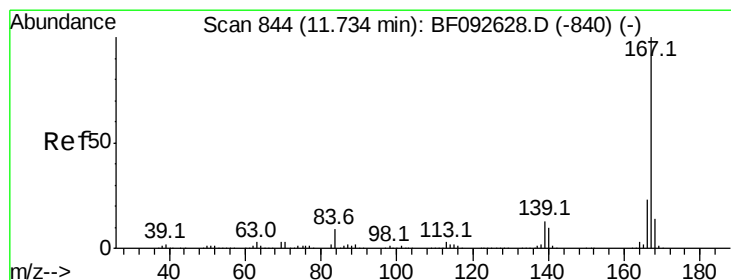
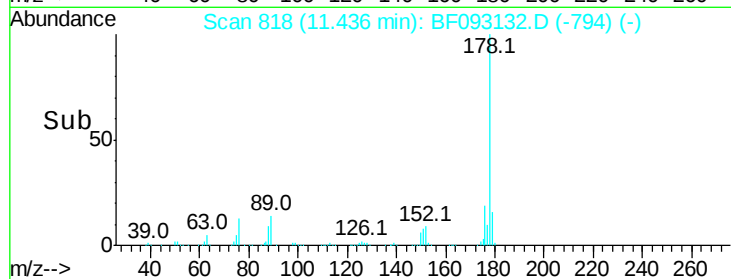
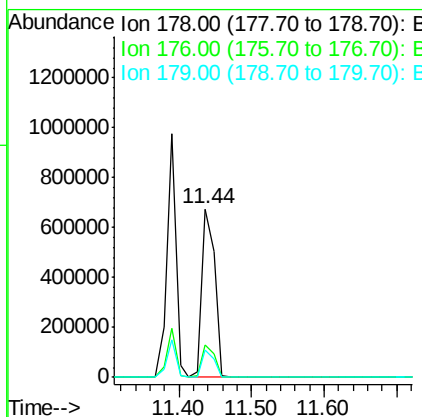
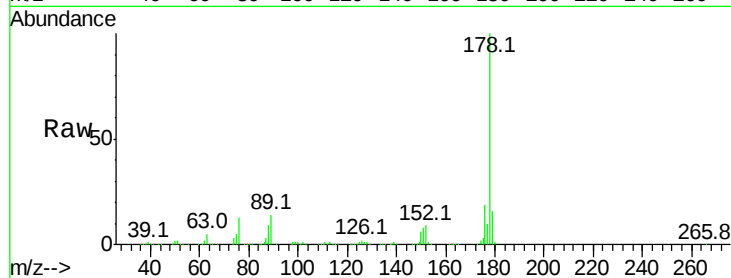
#71
 Anthracene
 Concen: 39.46 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF093132.D
 Acq: 24 Feb 2017 6:02

Instrument :
 BNA_F
 ClientSampleId :
 PB97121BS

Tot Ion:178 Resp: 835292
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.9 23.9
 179 16.0 13.2 19.8

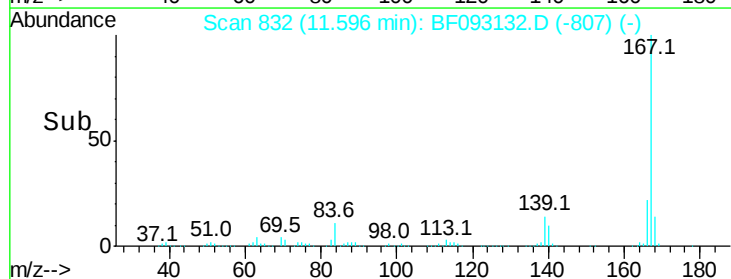
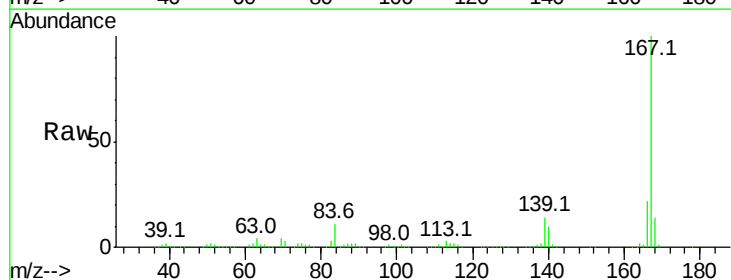
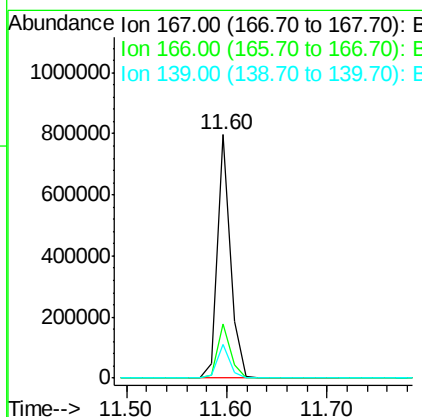
Manual Integrations
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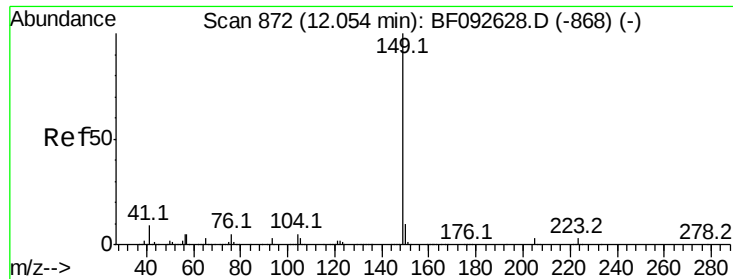
mohammad
 2/24/2017 2:11:37 PM



#72
 Carbazole
 Concen: 35.37 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF093132.D
 Acq: 24 Feb 2017 6:02

Tgt Ion:167 Resp: 715741
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.2
 139 13.6 11.4 17.2





#73

Di-n-butylphthalate

Concen: 49.31 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF093132.D

Acq: 24 Feb 2017 6:02

Instrument :

BNA_F

ClientSampleId :

PB97121BS

Tot Ion:149 Resp: 1079169

Ion Ratio Lower Upper

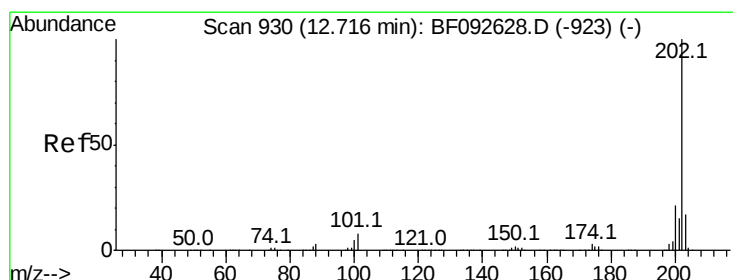
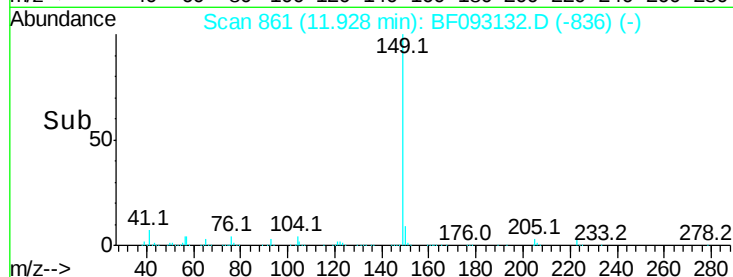
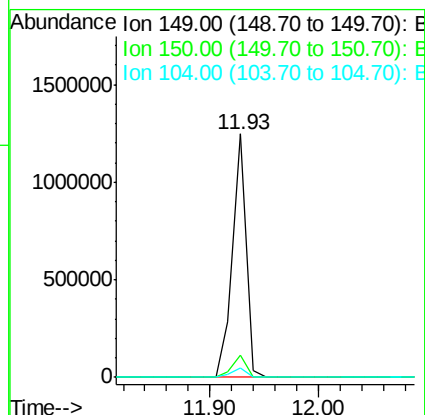
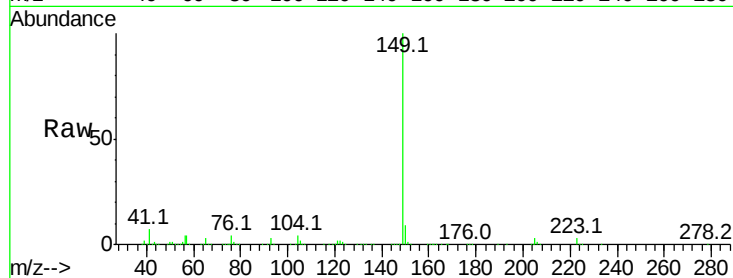
149 100

150 9.4 8.1 12.1

104 4.0 4.6 7.0#

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#74

Fluoranthene

Concen: 37.61 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF093132.D

Acq: 24 Feb 2017 6:02

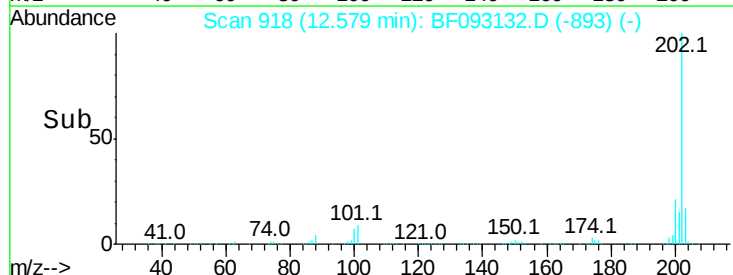
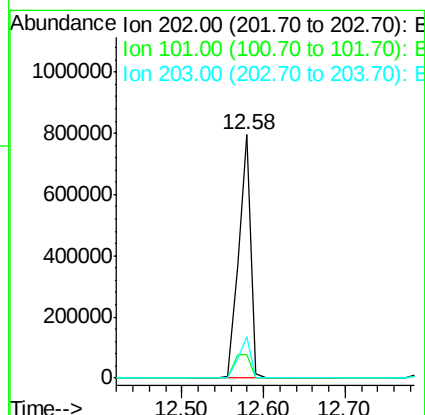
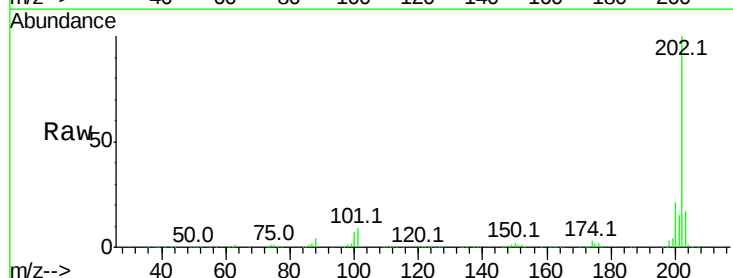
Tgt Ion:202 Resp: 817784

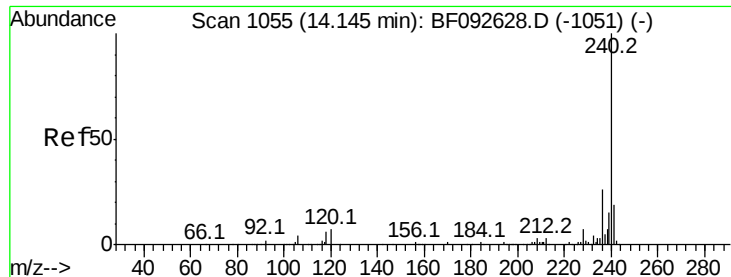
Ion Ratio Lower Upper

202 100

101 9.4 0.0 34.6

203 16.9 0.0 38.7





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093132.D

Acq: 24 Feb 2017 6:02

Instrument :

BNA_F

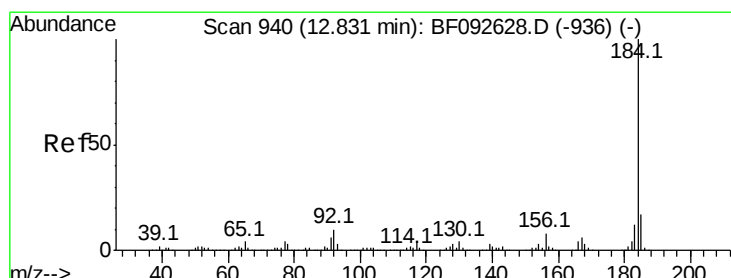
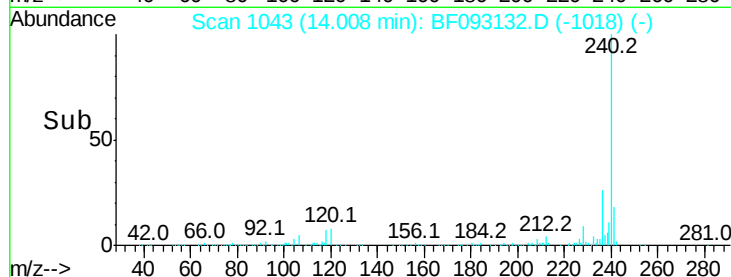
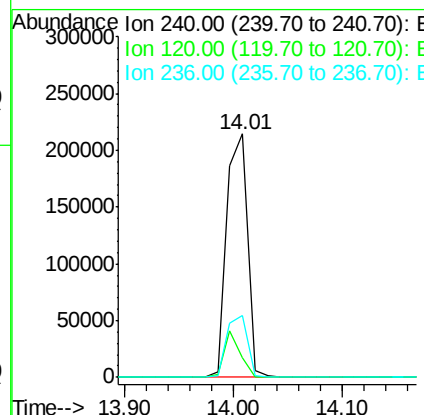
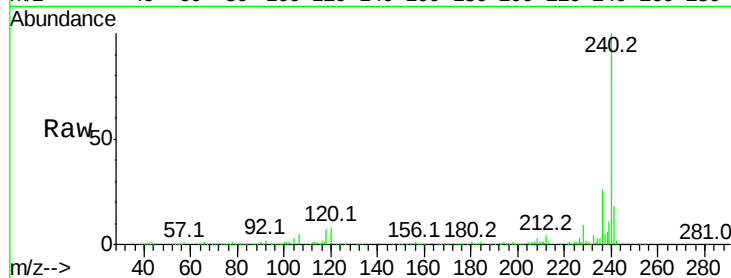
ClientSampleId :

PB97121BS

Tot Ion:	240	Resp:	285103
Ion Ratio	Lower	Upper	
240	100		
120	7.9	12.9	19.3#
236	25.6	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 42.83 ng

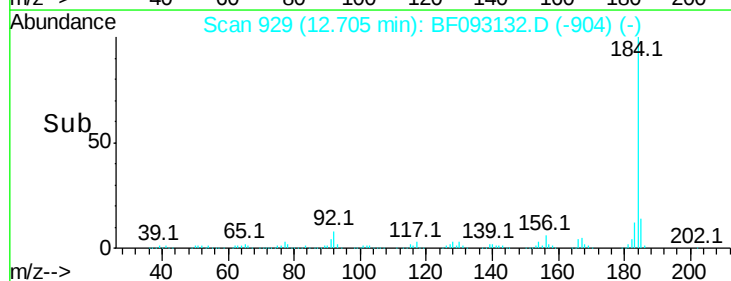
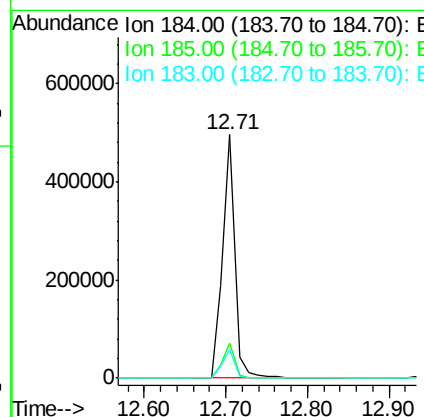
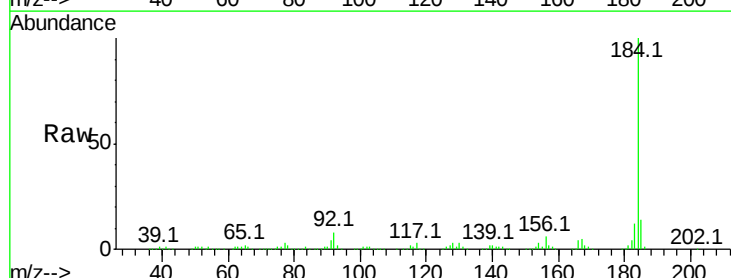
RT: 12.71 min Scan# 929

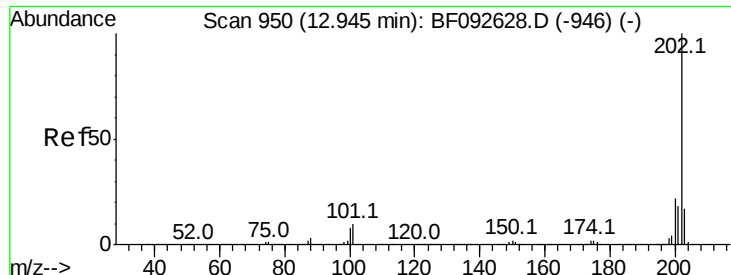
Delta R.T. -0.01 min

Lab File: BF093132.D

Acq: 24 Feb 2017 6:02

Tgt Ion:	184	Resp:	520338
Ion Ratio	Lower	Upper	
184	100		
185	14.3	13.4	20.0
183	11.9	9.2	13.8





#77

Pvrene

Concen: 38.39 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF093132.D

Acq: 24 Feb 2017 6:02

Instrument :

BNA_F

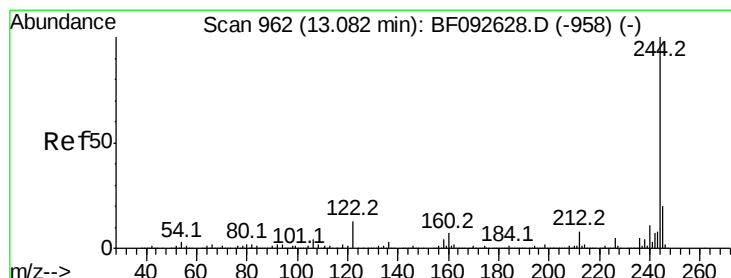
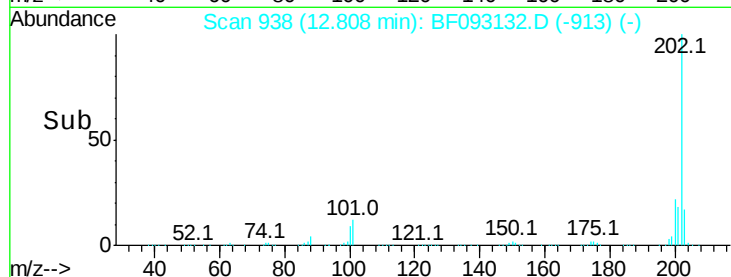
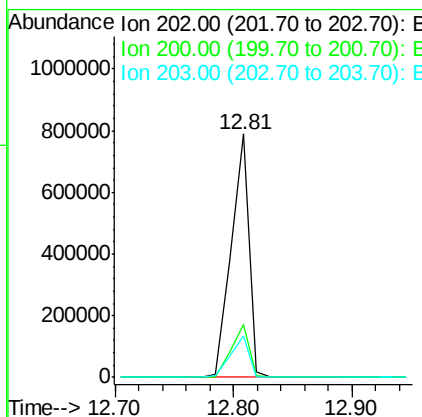
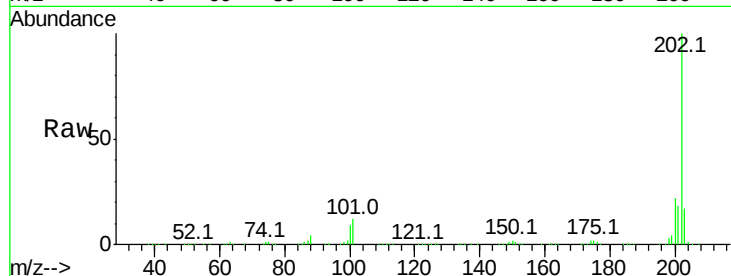
ClientSampled :

PB97121BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	17.2	14.7	22.1

Manual Integrations
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#78

Terphenyl-d14

Concen: 69.79 ng

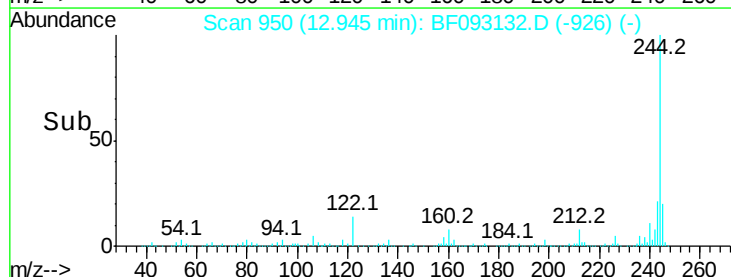
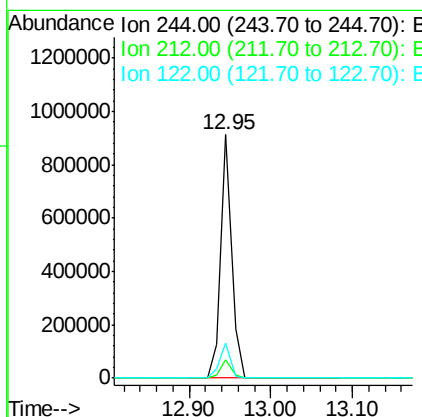
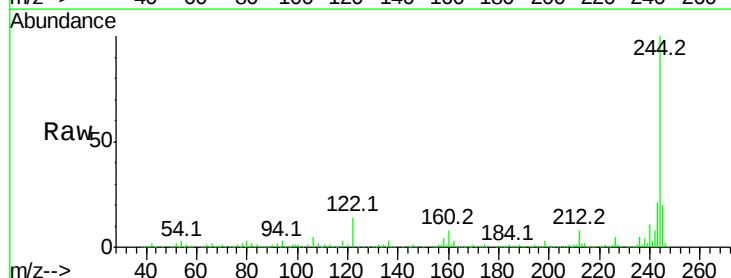
RT: 12.95 min Scan# 950

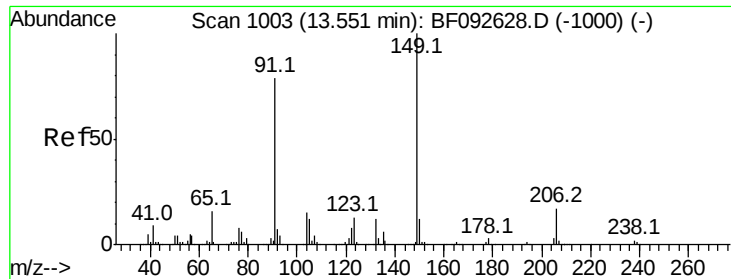
Delta R.T. -0.02 min

Lab File: BF093132.D

Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	14.2	11.4	17.2





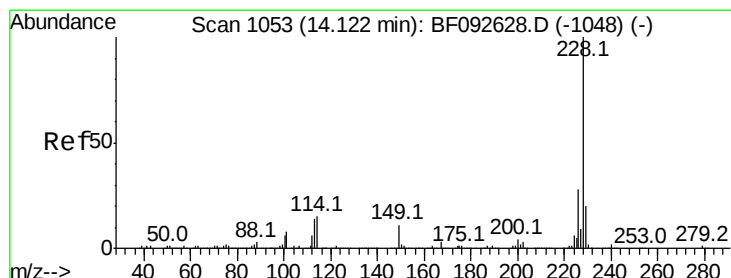
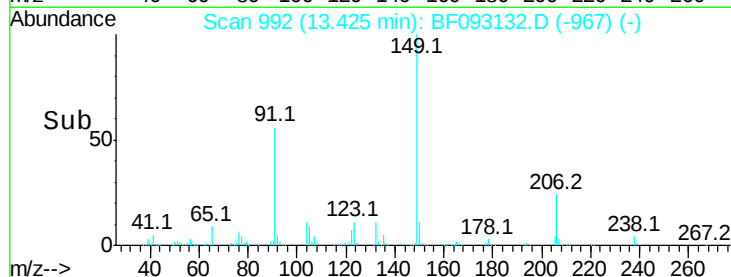
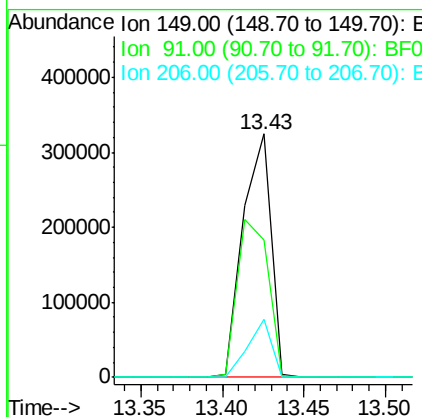
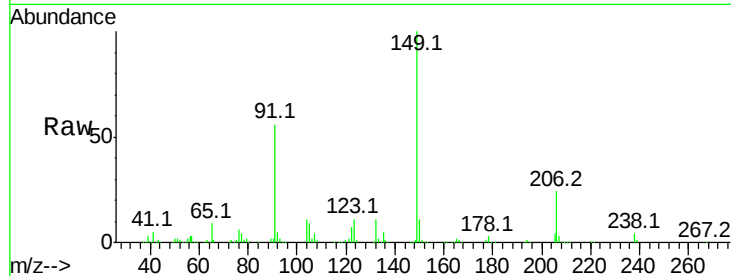
#79
Butylbenzylphthalate
Concen: 44.44 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Instrument :
BNA_F
ClientSampleId :
PB97121BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	56.2	63.9	95.9#
206	23.9	14.6	21.8#

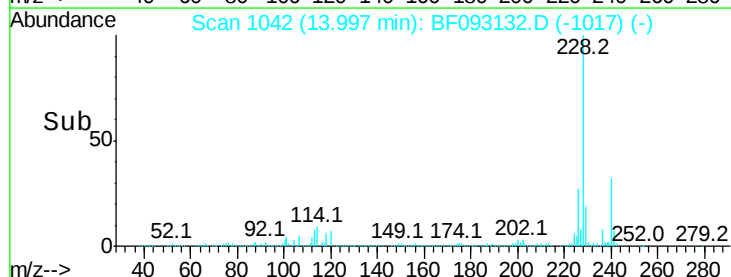
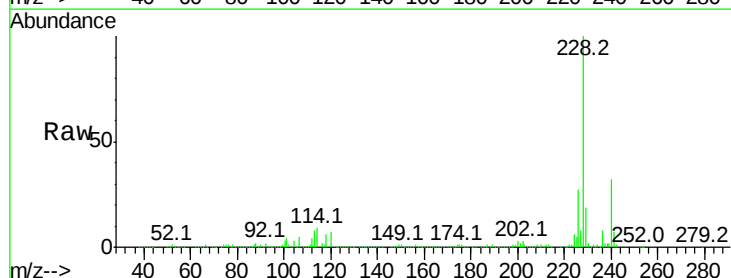
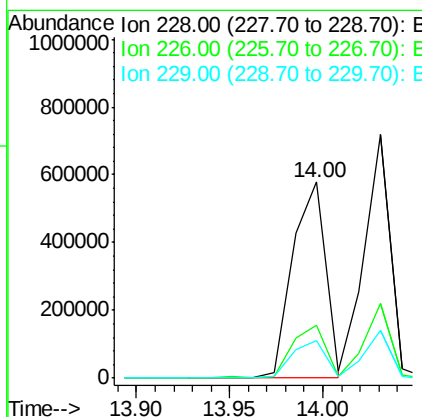
Manual Integrations
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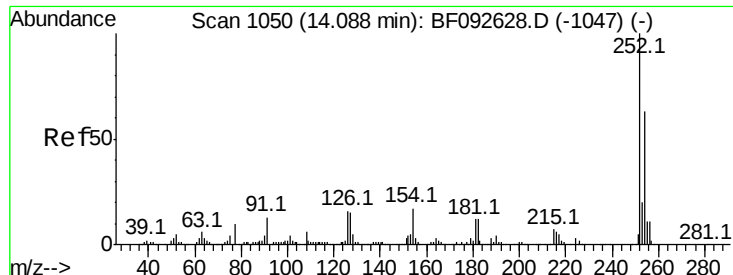
mohammad
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#80
Benzo(a)anthracene
Concen: 41.15 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.2	22.4	33.6
229	19.4	16.2	24.4





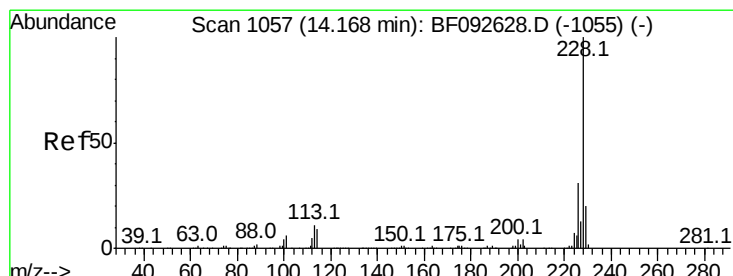
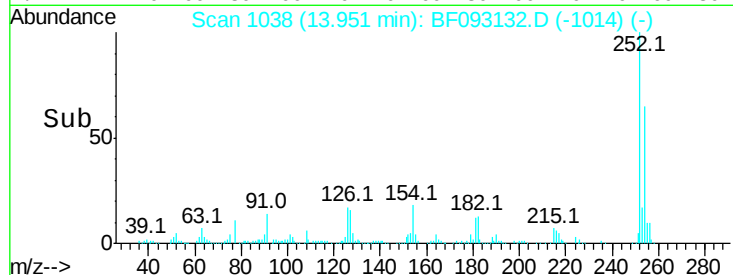
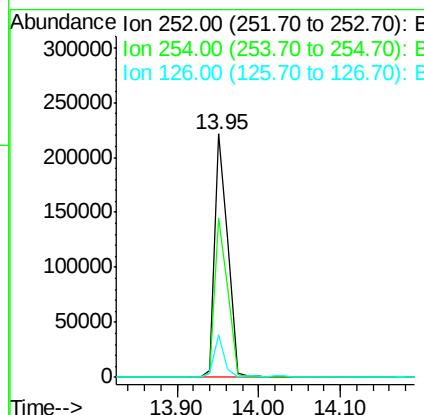
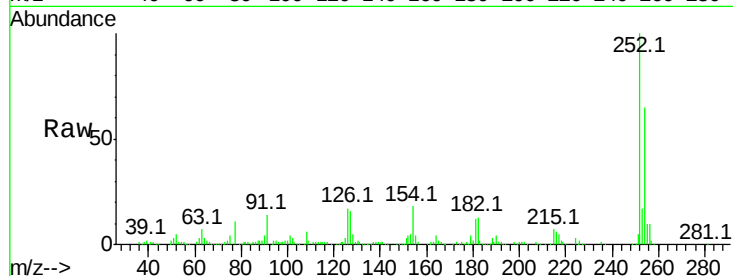
#81
 3,3'-Dichlorobenzidine
 Concen: 40.22 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF093132.D
 Acq: 24 Feb 2017 6:02

Instrument :
 BNA_F
 ClientSampleId :
 PB97121BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	250027		
254	65.3		52.3	78.5
126	17.5		13.6	20.4

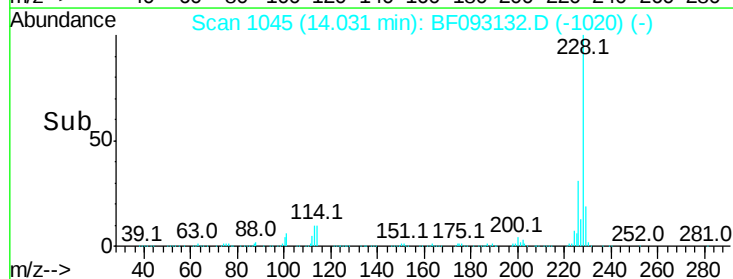
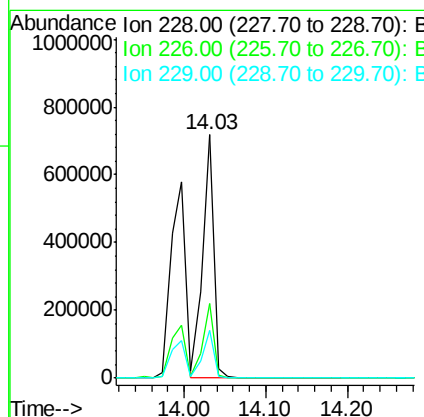
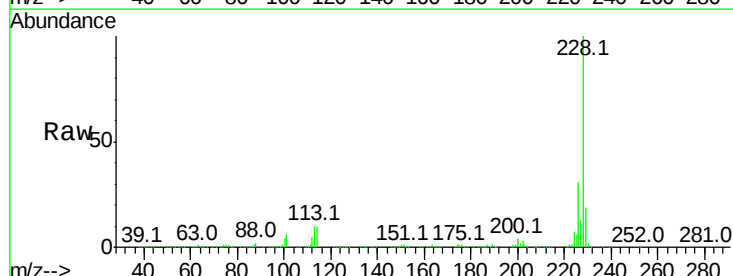
Manual Integrations
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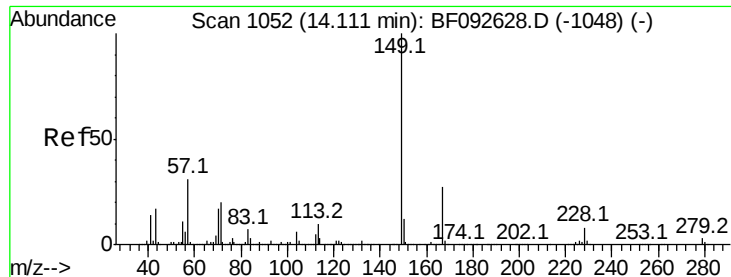
mohammad
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#82
 Chrysene
 Concen: 42.55 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF093132.D
 Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	694686		
226	30.8		25.4	38.0
229	19.5		16.2	24.2





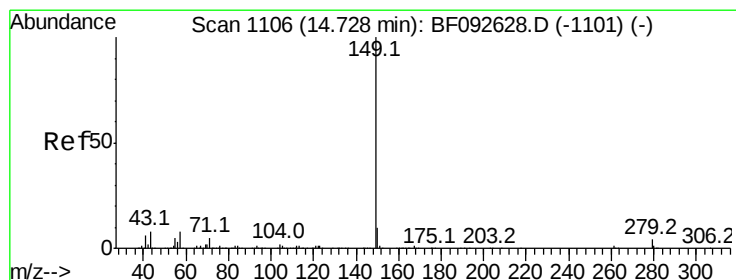
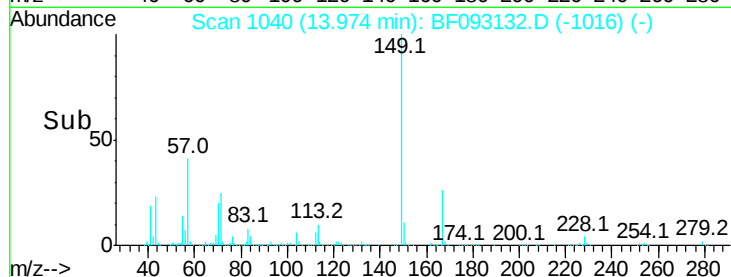
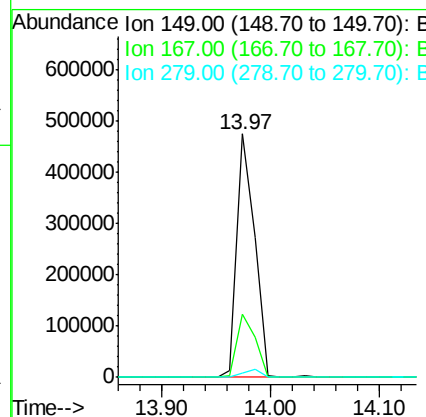
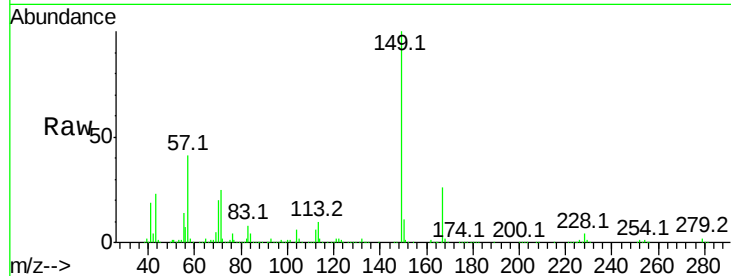
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.64 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF093132.D
 Acq: 24 Feb 2017 6:02

Instrument :
 BNA_F
 ClientSampleId :
 PB97121BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.2	30.4
279	1.7	1.8	2.8

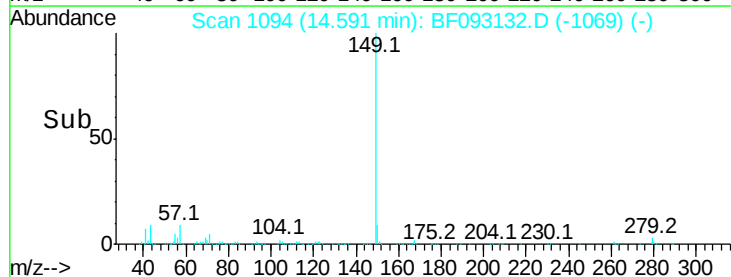
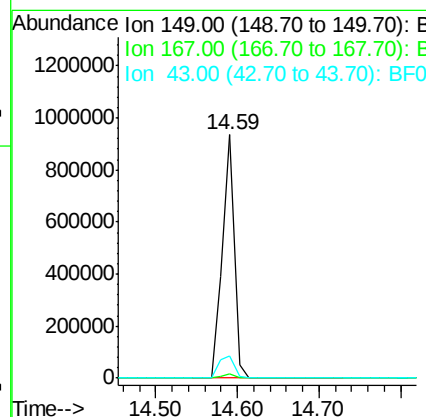
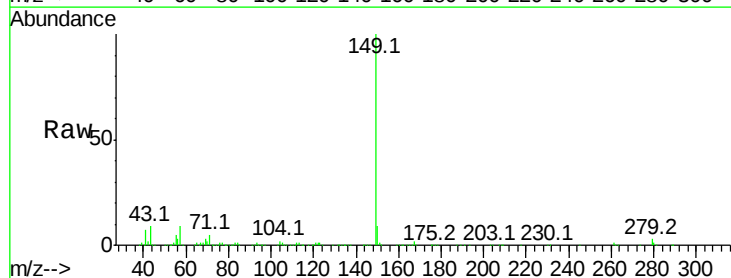
Manual Integrations
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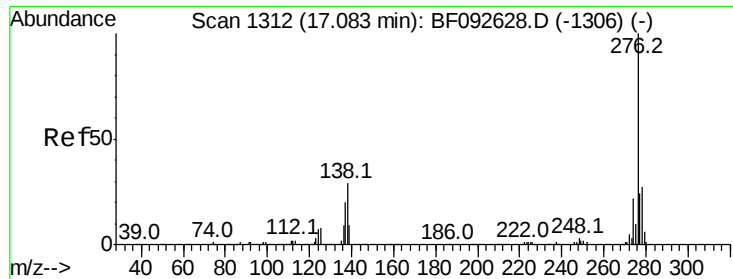
mohammad
 2/24/2017 2:11:37 PM



#84
 Di-n-octyl phthalate
 Concen: 49.33 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF093132.D
 Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.5	8.9	13.3





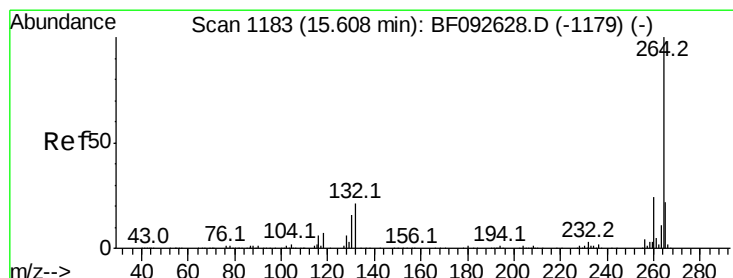
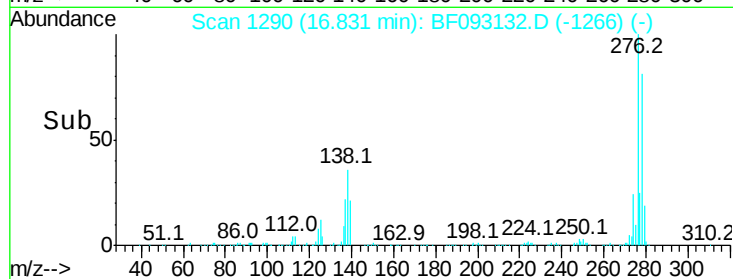
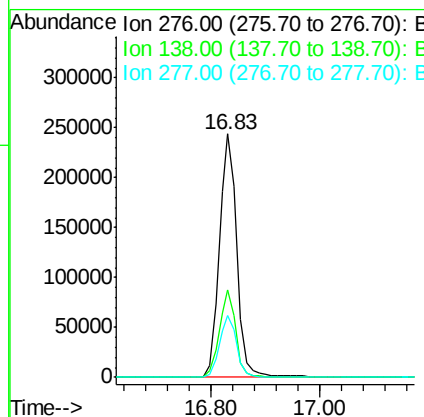
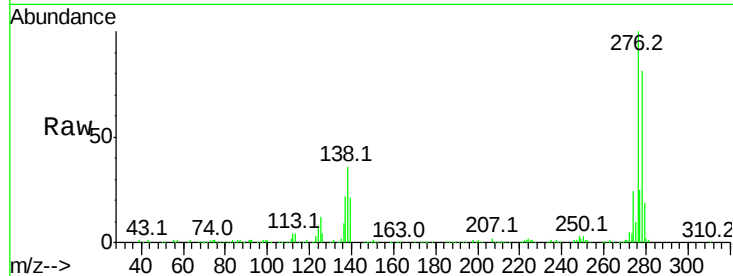
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.79 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Instrument :
BNA_F
ClientSampleId :
PB97121BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.9	21.8	32.6#
277	24.9	20.2	30.4

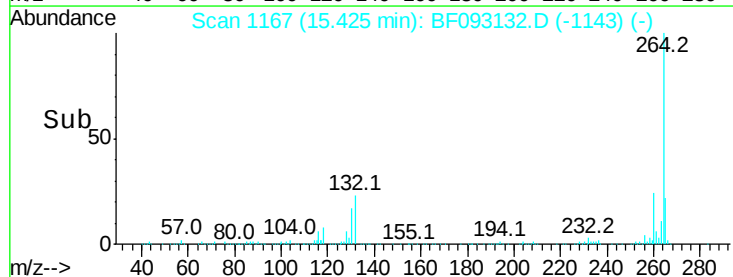
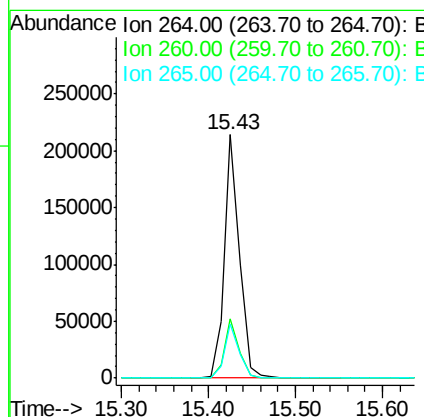
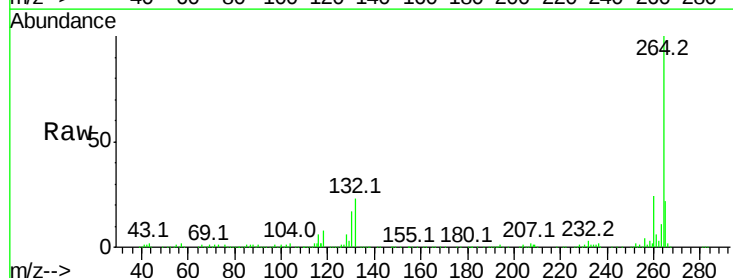
Manual Integrations
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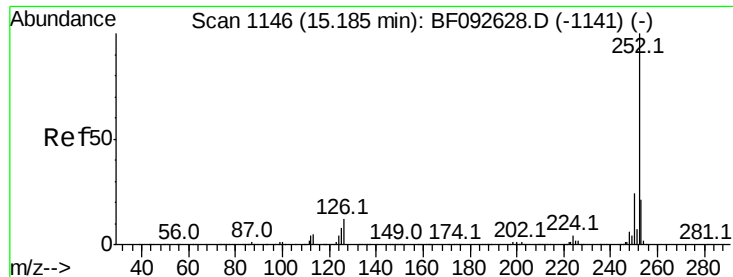
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.1	17.4	26.0





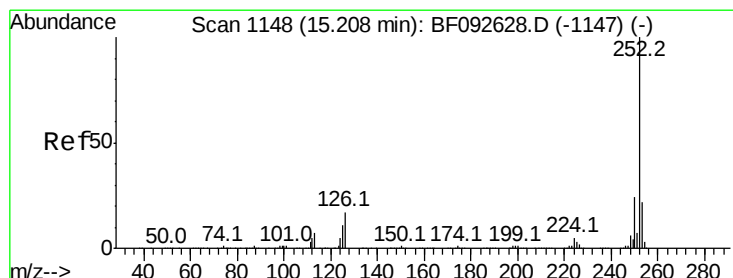
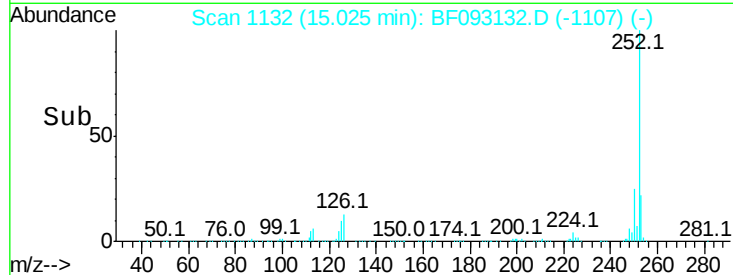
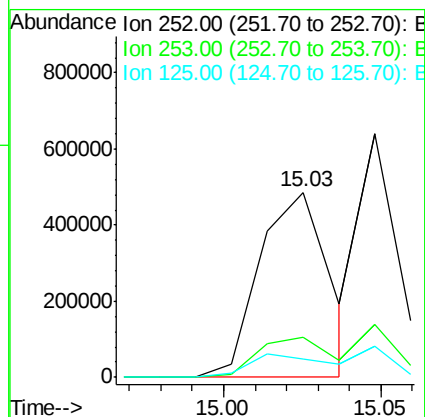
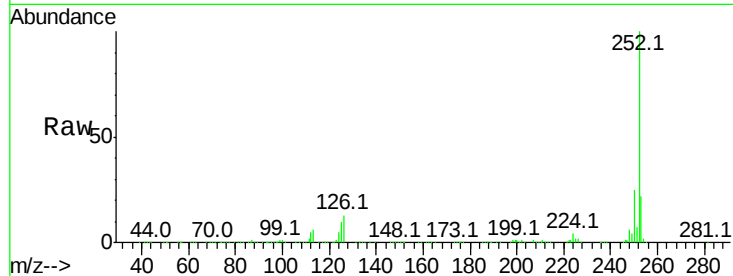
#87
Benzo(b)fluoranthene
Concen: 43.85 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Instrument :
BNA_F
ClientSampleId :
PB97121BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	9.6	9.8	14.6

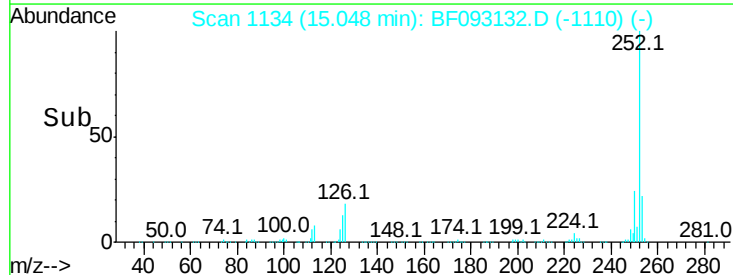
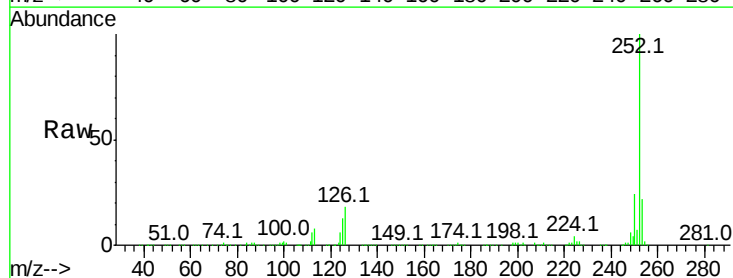
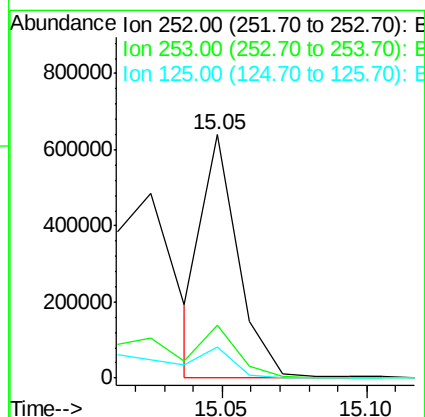
Manual Integrations
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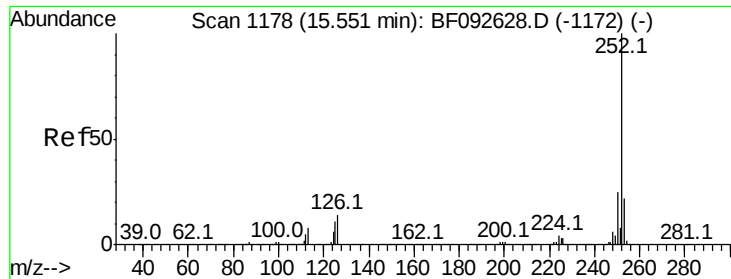
mohammad
2/24/2017 2:11:37 PM



#88
Benzo(k)fluoranthene
Concen: 37.43 ng m
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.5	27.7
125	12.7	8.9	13.3





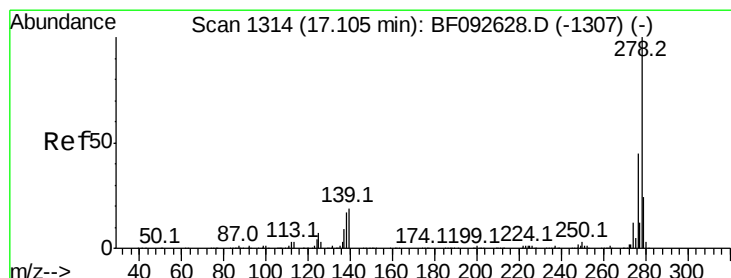
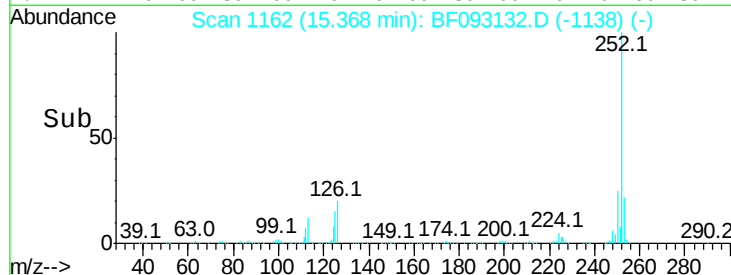
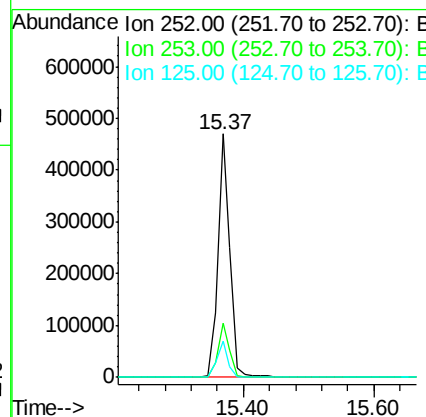
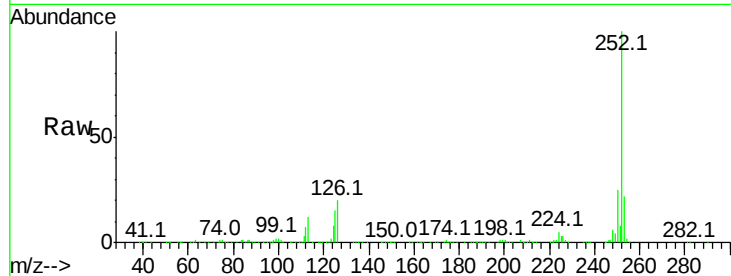
#89
Benzo(a)pyrene
Concen: 40.88 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Instrument :
BNA_F
ClientSampleId :
PB97121BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	15.1	10.0	15.0#

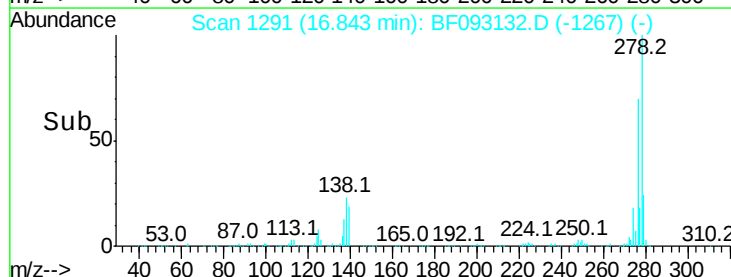
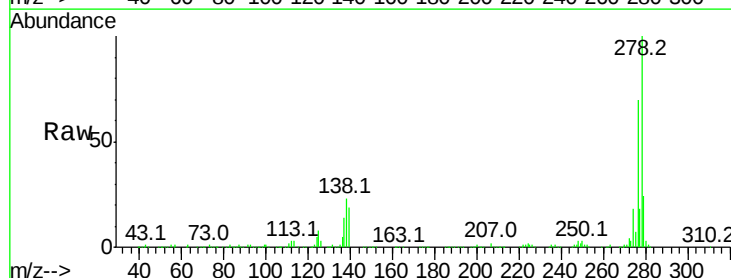
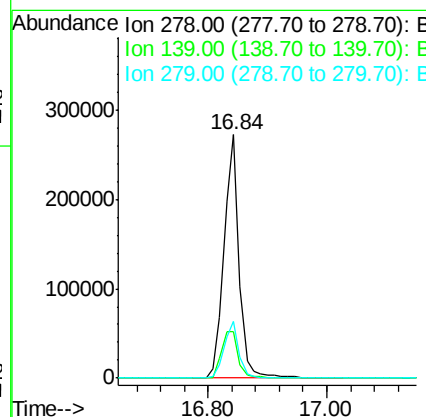
Manual Integrations
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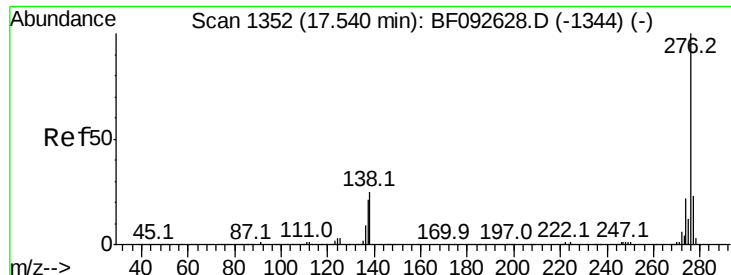
mohammad
2/24/2017 2:11:37 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.94 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF093132.D
Acq: 24 Feb 2017 6:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	14.8	22.2
279	23.5	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 37.08 ng
 RT: 17.25 min Scan# 1327
 Delta R.T. -0.03 min
 Lab File: BF093132.D
 Acq: 24 Feb 2017 6:02

Instrument :
 BNA_F
 ClientSampleId :
 PB97121BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.2	28.8
138	27.7	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 2/24/2017 2:11:37 PM

