

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093553.D
 Acq On : 11 Mar 2017 5:50
 Operator : SJ/MA
 Sample : PB97520BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97520BS

Manual Integrations
 APPROVED

mohammad
 3/13/2017 5:50:38 PM

Quant Time: Mar 13 13:59:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	175881	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	694861	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	336872	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	615082	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	470786	20.00	ng	-0.02
86) Perylene-d12	15.31	264	371552	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1364655	129.13	ng	0.00
7) Phenol-d6	6.41	99	1682350	126.24	ng	0.00
23) Nitrobenzene-d5	7.32	82	1052859	84.07	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	280101	127.62	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1644848	90.82	ng	-0.03
78) Terphenyl-d14	12.85	244	1560949	86.20	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	223510	38.40	ng	# 84
3) Pyridine	2.98	79	583035	39.29	ng	88
4) n-Nitrosodimethylamine	2.96	42	338090	47.70	ng	86
6) Aniline	6.41	93	247616	13.54	ng	# 86
8) 2-Chlorophenol	6.54	128	502127	42.41	ng	97
9) Benzaldehyde	6.30	77	389159	59.66	ng	98
10) Phenol	6.42	94	777091	47.59	ng	# 75
11) bis(2-Chloroethyl)ether	6.48	93	526954	39.93	ng	89
12) 1,3-Dichlorobenzene	6.68	146	547343m	40.39	ng	
13) 1,4-Dichlorobenzene	6.76	146	570278	41.10	ng	98
14) 1,2-Dichlorobenzene	6.92	146	480452	39.10	ng	96
15) Benzyl Alcohol	6.90	79	415242	43.71	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	882516	40.25	ng	# 44
17) 2-Methylphenol	7.03	107	430603	43.00	ng	# 89
18) Hexachloroethane	7.25	117	193309	41.31	ng	98
19) n-Nitroso-di-n-propylamine	7.17	70	376871	41.13	ng	94
20) 3+4-Methylphenols	7.19	107	603430	46.46	ng	# 70
22) Acetophenone	7.17	105	725999	43.42	ng	# 93
24) Nitrobenzene	7.34	77	607374	43.15	ng	95
25) Isophorone	7.58	82	1076453	42.62	ng	98
26) 2-Nitrophenol	7.66	139	280841	43.73	ng	91
27) 2,4-Dimethylphenol	7.70	122	454778	43.53	ng	98
28) bis(2-Chloroethoxy)methane	7.78	93	643137	40.34	ng	98
29) 2,4-Dichlorophenol	7.91	162	449093	45.70	ng	93
30) 1,2,4-Trichlorobenzene	7.98	180	440519	42.15	ng	99
31) Naphthalene	8.05	128	1386307	39.81	ng	100
32) Benzoic acid	7.86	122	204443	37.66	ng	96
33) 4-Chloroaniline	8.13	127	80372	5.69	ng	98
34) Hexachlorobutadiene	8.16	225	226771	42.12	ng	99
35) Caprolactam	8.49	113	147089m	43.82	ng	
36) 4-Chloro-3-methylphenol	8.62	107	471838	44.98	ng	99
37) 2-Methylnaphthalene	8.74	142	962589	43.45	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	400949	43.59	ng	98
40) Hexachlorocyclopentadiene	8.88	237	211944	89.60	ng	97

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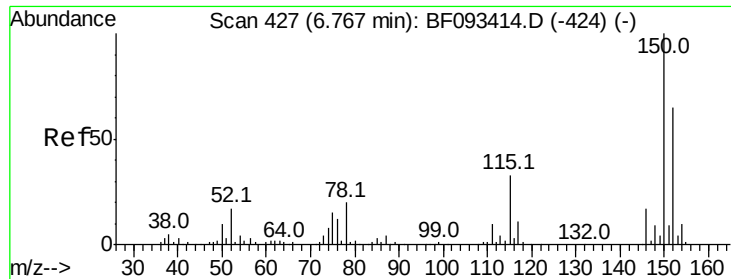
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	280909	48.88	nq	93
43) 2,4,5-Trichlorophenol	9.09	196	259512	42.08	nq #	89
45) 1,1'-Biphenyl	9.20	154	1092904	44.53	nq	97
46) 2-Chloronaphthalene	9.22	162	873617	46.51	nq	94
47) 2-Nitroaniline	9.34	65	310130	46.70	nq	87
48) Acenaphthylene	9.64	152	1335765	43.12	nq	99
49) Dimethylphthalate	9.51	163	1020241	45.68	nq	98
50) 2,6-Dinitrotoluene	9.58	165	215783	44.03	nq #	35
51) Acenaphthene	9.81	154	801820	43.77	nq	96
52) 3-Nitroaniline	9.76	138	46869	7.96	nq #	91
53) 2,4-Dinitrophenol	9.89	184	77660	34.80	nq #	74
54) Dibenzofuran	9.99	168	1199783	52.32	nq	94
55) 4-Nitrophenol	9.96	139	183316m	64.11	nq	
56) 2,4-Dinitrotoluene	10.00	165	296642	49.27	nq #	72
57) Fluorene	10.33	166	953670	49.08	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	224783	51.65	nq	95
59) Diethylphthalate	10.21	149	1002011	46.94	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	452773	51.99	nq #	82
61) 4-Nitroaniline	10.38	138	234764	38.99	nq	96
62) Azobenzene	10.48	77	1315820	54.25	nq	94
64) 4,6-Dinitro-2-methylphenol	10.41	198	116988	29.36	nq	80
65) n-Nitrosodiphenylamine	10.45	169	869181	42.32	nq	100
66) 4-Bromophenyl-phenylether	10.80	248	251242	38.63	nq #	90
67) Hexachlorobenzene	10.88	284	261696	42.14	nq #	92
68) Atrazine	10.97	200	224523	37.35	nq	99
69) Pentachlorophenol	11.09	266	92921	43.33	nq	95
70) Phenanthrene	11.29	178	1425153	40.59	nq	98
71) Anthracene	11.34	178	1367429	38.50	nq	100
72) Carbazole	11.51	167	1367375	40.98	nq	97
73) Di-n-butylphthalate	11.82	149	1589947	41.19	nq	98
74) Fluoranthene	12.47	202	1418439	41.83	nq	95
76) Benzidine	12.61	184	141285	9.13	nq	96
77) Pyrene	12.70	202	1378654	40.27	nq	100
79) Butylbenzylphthalate	13.32	149	678000	47.04	nq	98
80) Benzo(a)anthracene	13.89	228	1177802	42.36	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	170821	17.54	nq	99
82) Chrysene	13.93	228	1135630	44.15	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1000928	49.82	nq #	97
84) Di-n-octyl phthalate	14.48	149	1524087	45.52	nq	96
85) Indeno(1,2,3-cd)pyrene	16.67	276	872771	40.53	nq #	94
87) Benzo(b)fluoranthene	14.92	252	1026635m	45.37	nq	
88) Benzo(k)fluoranthene	14.94	252	876572m	40.17	nq	
89) Benzo(a)pyrene	15.25	252	908056	43.91	nq #	95
90) Dibenzo(a,h)anthracene	16.67	278	736066	43.02	nq #	95
91) Benzo(g,h,i)perylene	17.08	276	742776	42.30	nq #	93

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



#1

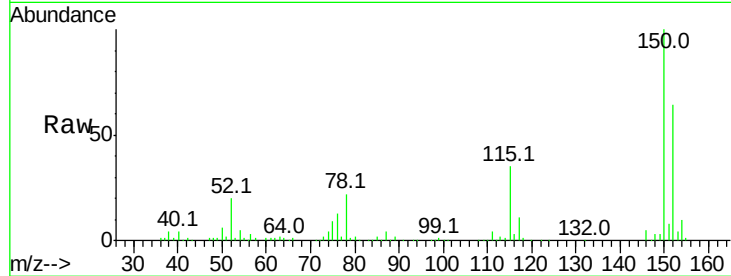
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Instrument :
BNA_F
ClientSampleId :
PB97520BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.9	187.3
115	54.4	46.0	69.0

Manual Integrations
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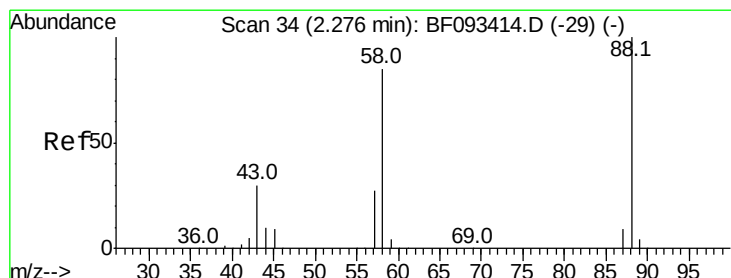
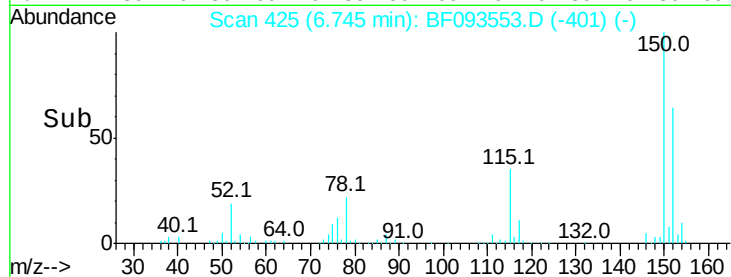
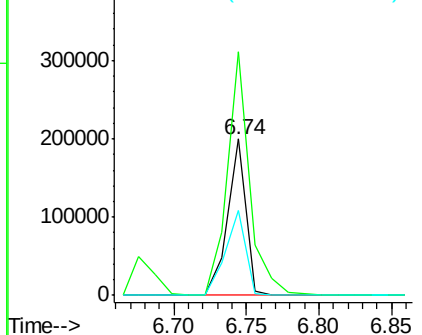


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

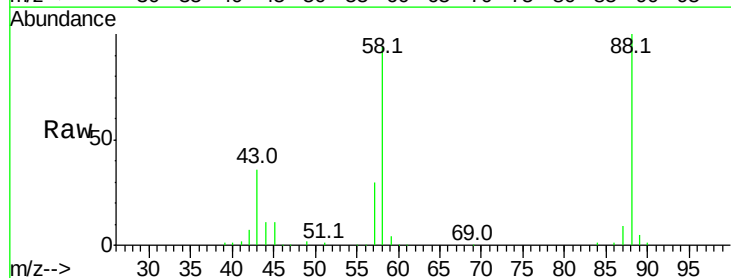
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.40 ng
RT: 2.30 min Scan# 36
Delta R.T. 0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.6	57.8	86.8#
43	33.0	22.3	33.5

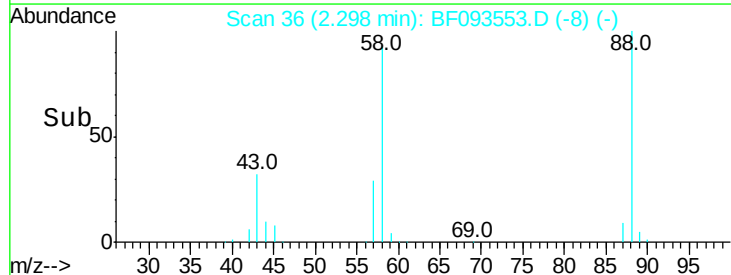
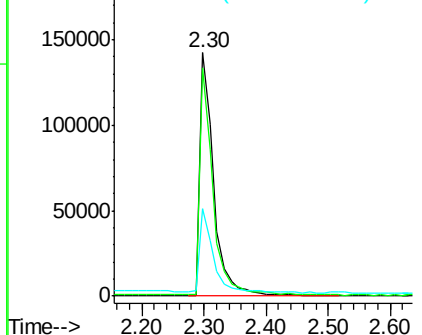


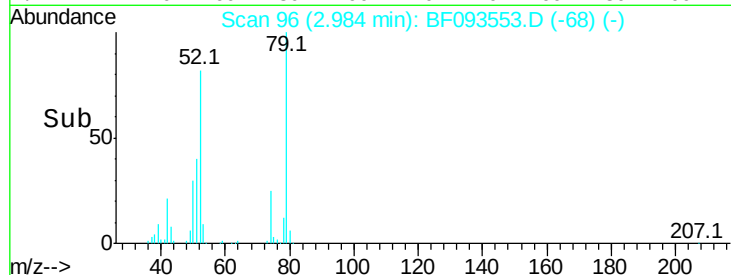
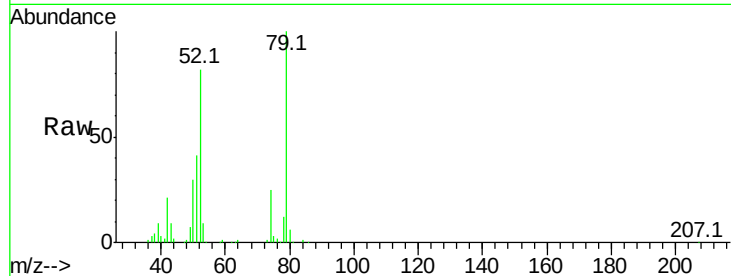
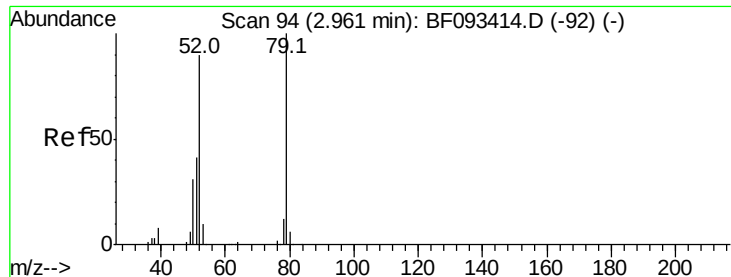
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





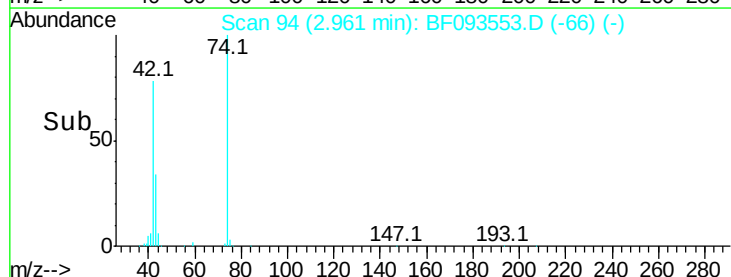
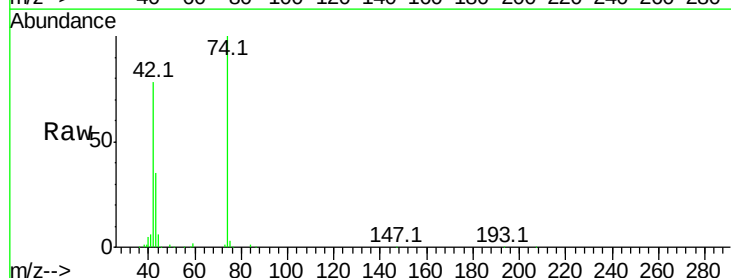
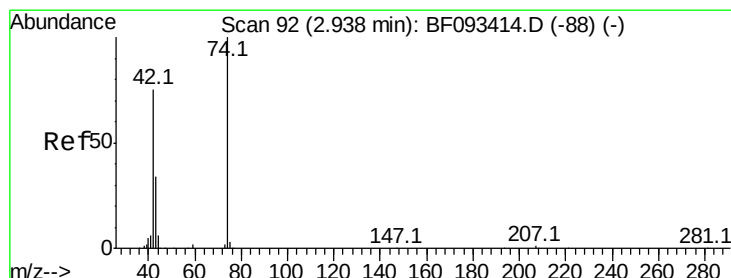
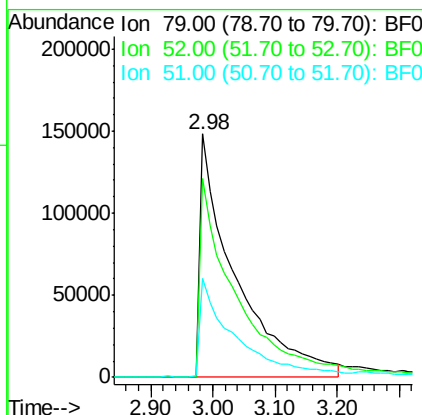
#3
 Pvridine
 Concen: 39.29 ng
 RT: 2.98 min Scan# 96
 Delta R.T. 0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Tot Ion	Ratio	Lower	Upper
79	100		
52	81.9	57.1	85.7
51	40.8	27.3	40.9

Instrument :
 BNA_F
 ClientSampleId :
 PB97520BS

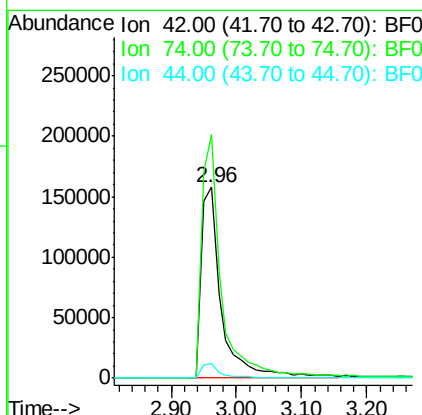
Manual Integrations
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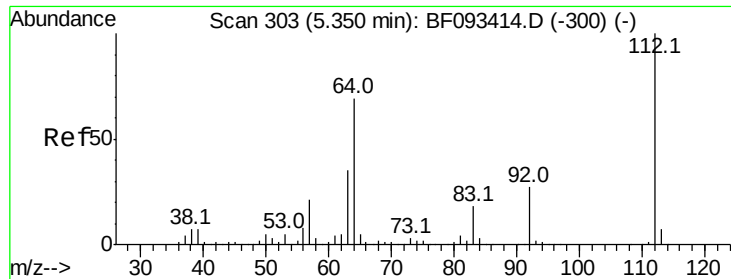
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#4
 n-Nitrosodimethylamine
 Concen: 47.70 ng
 RT: 2.96 min Scan# 94
 Delta R.T. 0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Lower	Upper
42	100		
74	127.4	117.0	175.4
44	7.6	5.5	8.3





#5

2-Fluorophenol

Concen: 129.13 ng

RT: 5.35 min Scan# 303

Delta R.T. 0.00 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampleId :

PB97520BS

Tot Ion: 112 Resp: 1364655

Ion Ratio Lower Upper

112 100

64 67.4 46.1 69.1

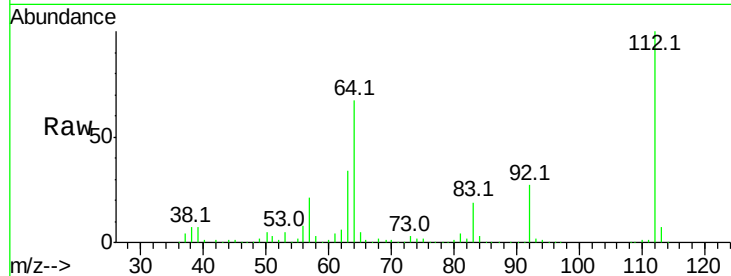
63 34.3 23.8 35.6

Manual Integrations

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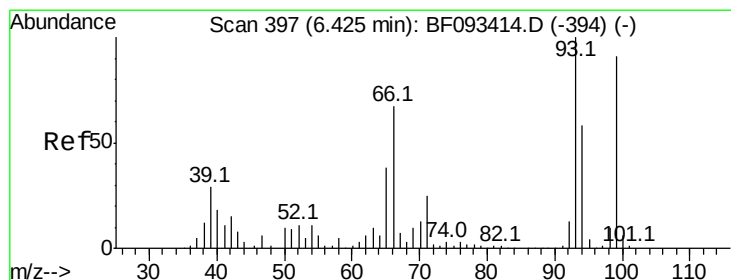
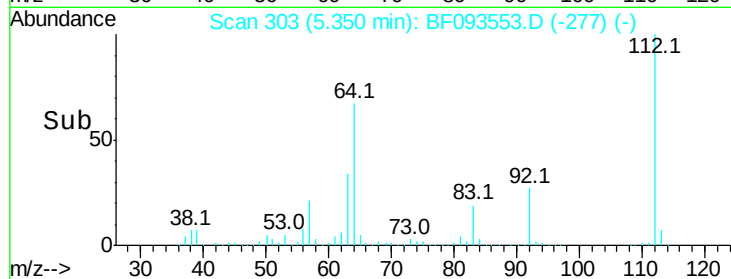
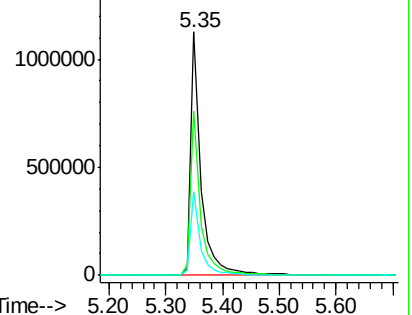
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.54 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

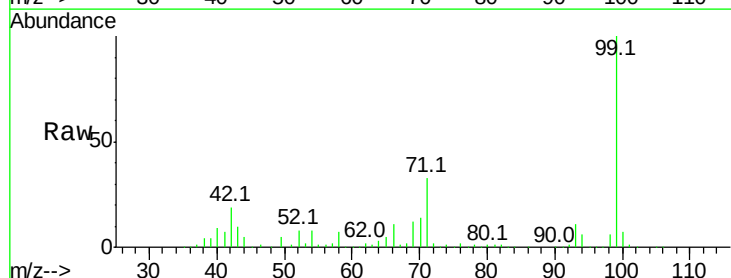
Tgt Ion: 93 Resp: 247616

Ion Ratio Lower Upper

93 100

66 101.6 76.2 114.2

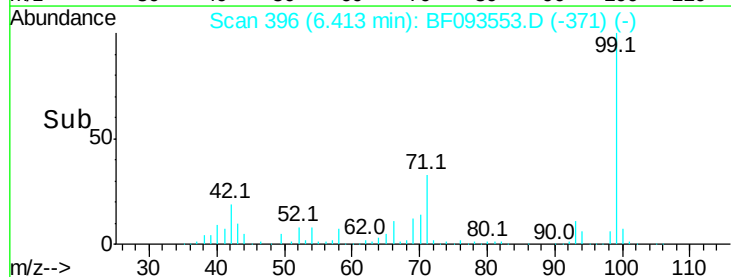
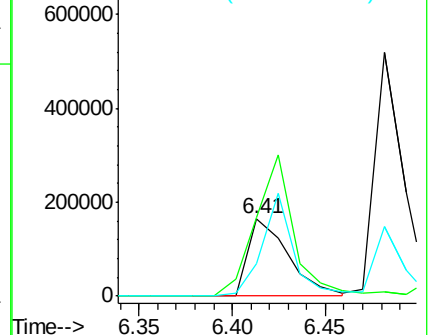
65 41.2 49.3 73.9#

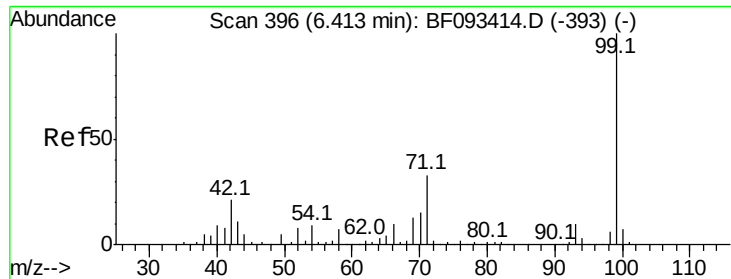


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.24 ng

RT: 6.41 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampleId :

PB97520BS

Tot Ion: 99 Resp: 1682350

Ion Ratio Lower Upper

99 100

42 19.4 15.6 23.4

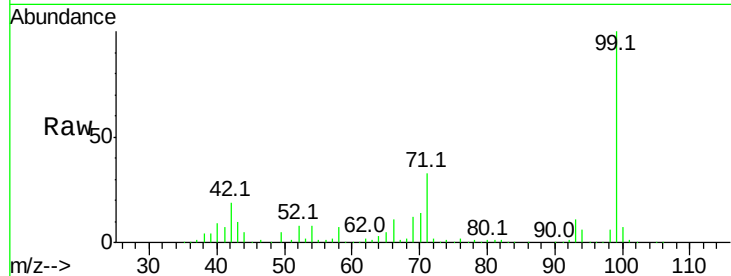
71 32.9 27.5 41.3

Manual Integrations

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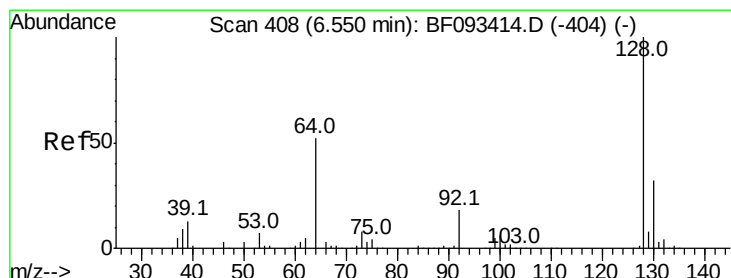
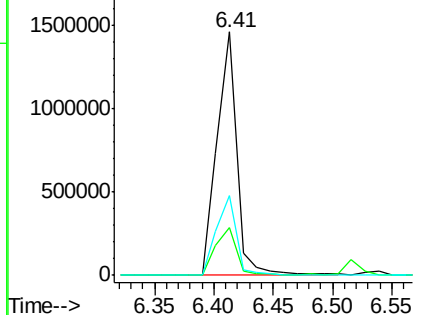
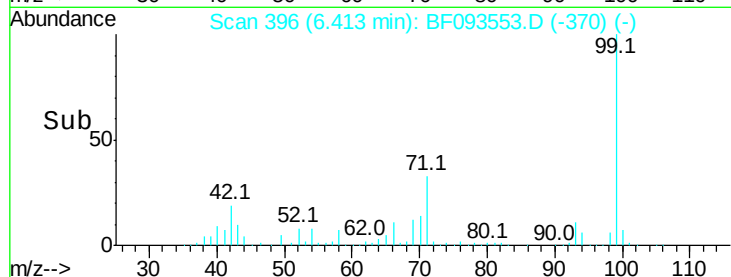
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.41 ng

RT: 6.54 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

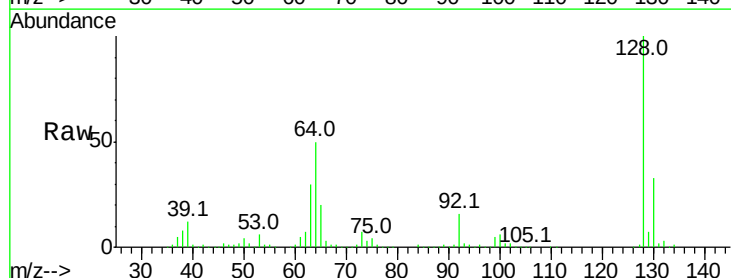
Tgt Ion: 128 Resp: 502127

Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

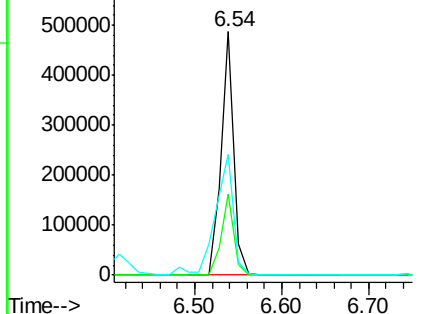
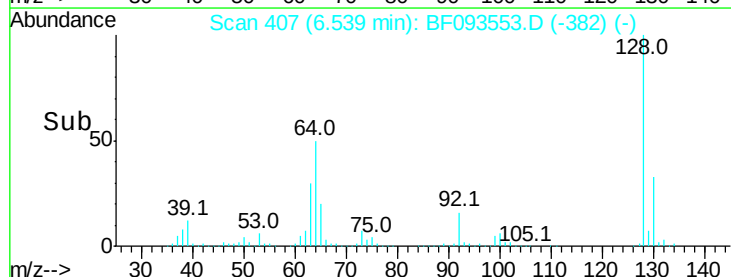
64 49.5 32.2 72.2

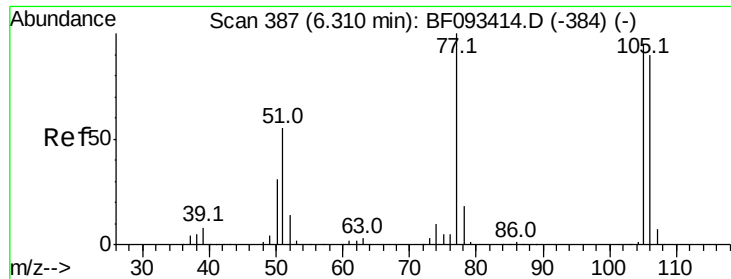


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





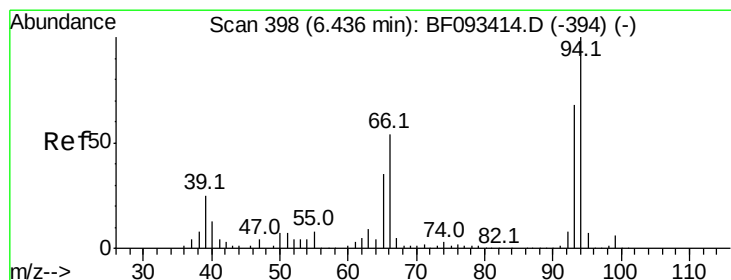
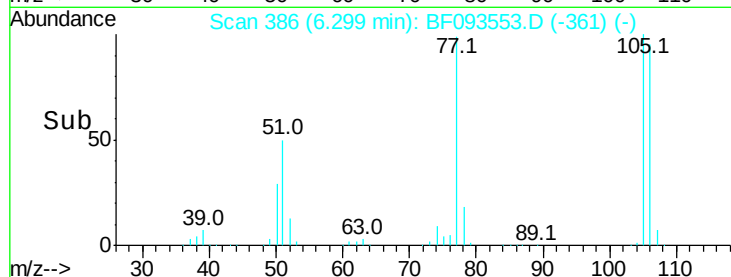
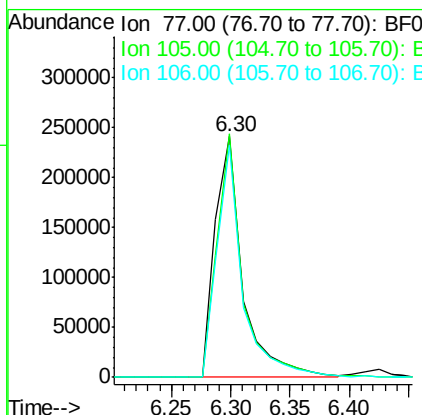
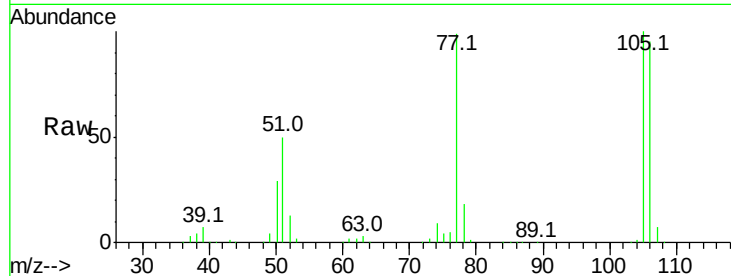
#9
Benzaldehyde
Concen: 59.66 ng
RT: 6.30 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Instrument :
BNA_F
ClientSampleId :
PB97520BS

Tot Ion: 77 Resp: 389159
Ion Ratio Lower Upper
77 100
105 101.1 83.9 123.9
106 96.4 77.6 117.6

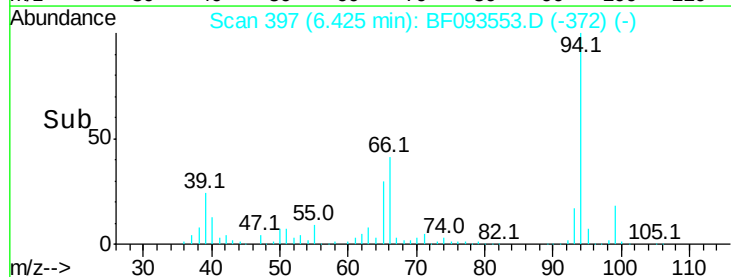
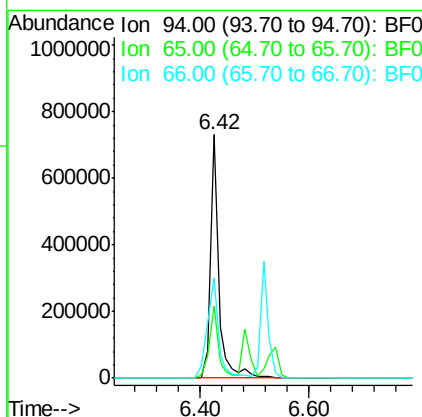
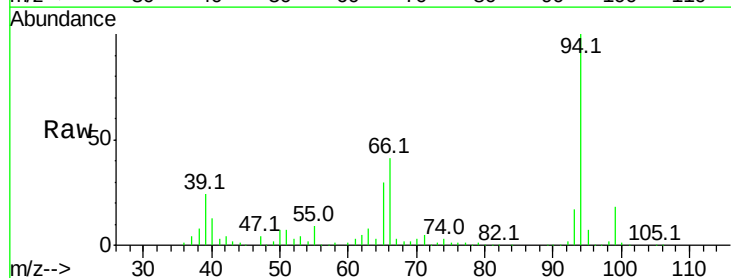
Manual Integrations
APPROVED

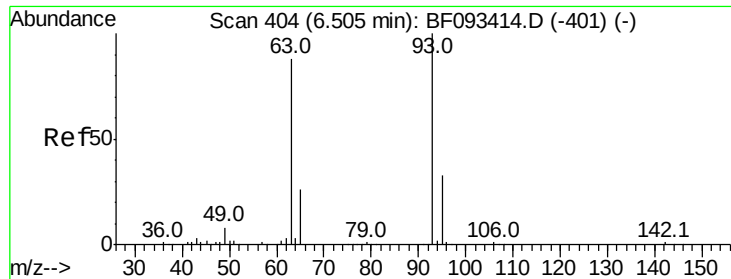
mohammad
3/13/2017 5:50:38 PM



#10
Phenol
Concen: 47.59 ng
RT: 6.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Tgt Ion: 94 Resp: 777091
Ion Ratio Lower Upper
94 100
65 29.9 21.4 61.4
66 41.1 44.0 84.0#





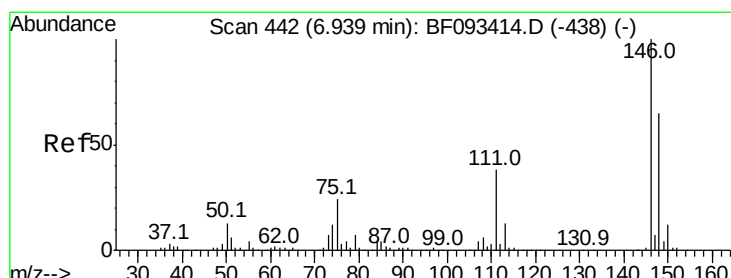
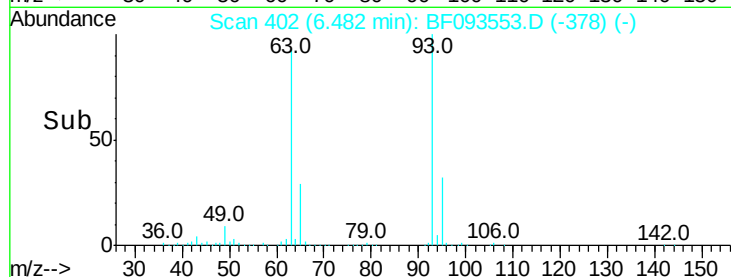
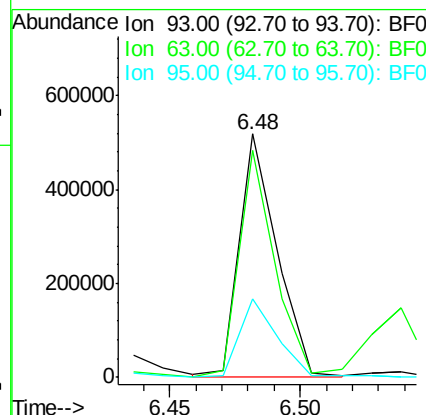
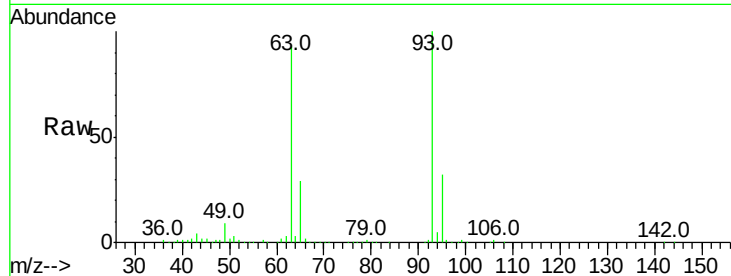
#11
bis(2-Chloroethyl)ether
Concen: 39.93 ng
RT: 6.48 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Instrument :
BNA_F
ClientSampleId :
PB97520BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	93.3	60.4	100.4
95	32.1	12.8	52.8

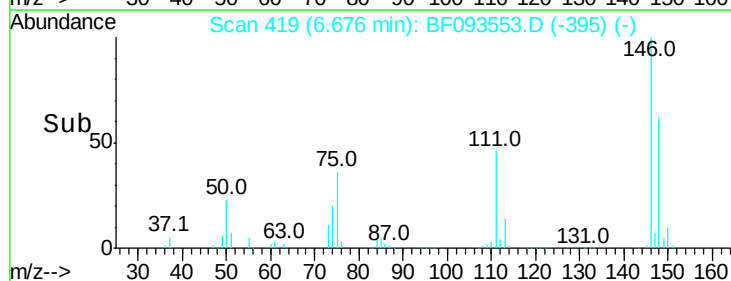
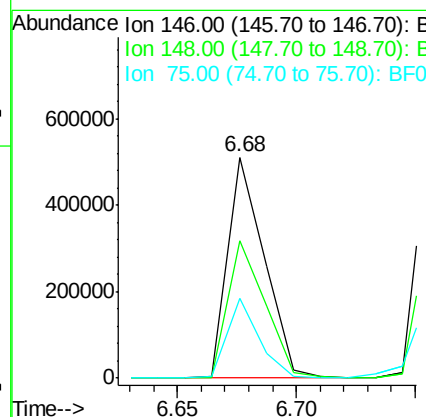
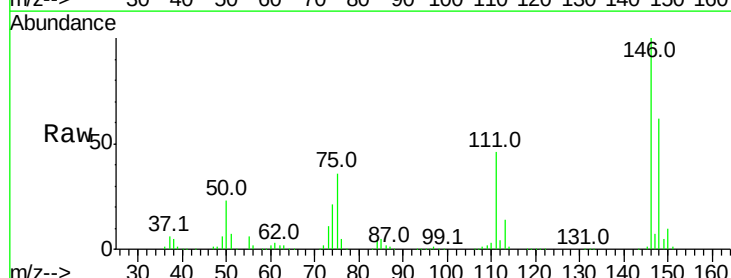
Manual Integrations
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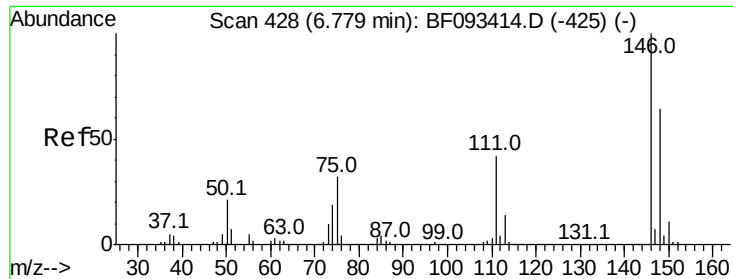
mohammad
3/13/2017 5:50:38 PM



#12
1,3-Dichlorobenzene
Concen: 40.39 ng m
RT: 6.68 min Scan# 419
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	53.4	80.0
75	36.2	18.5	27.7#





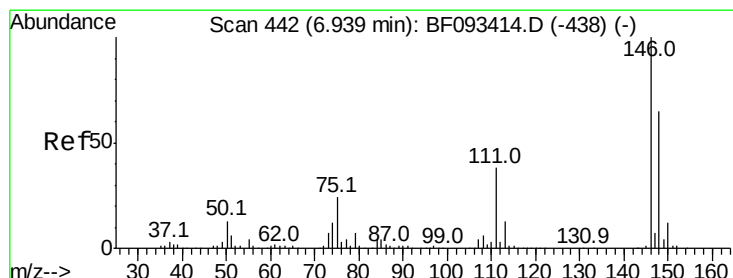
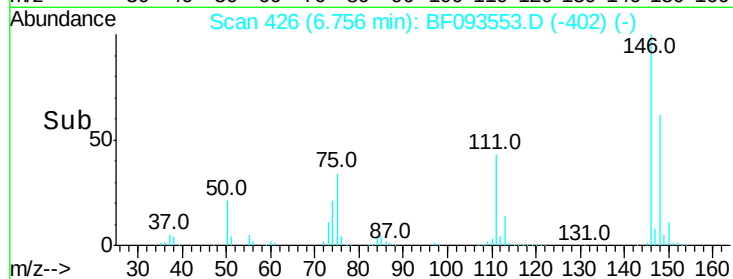
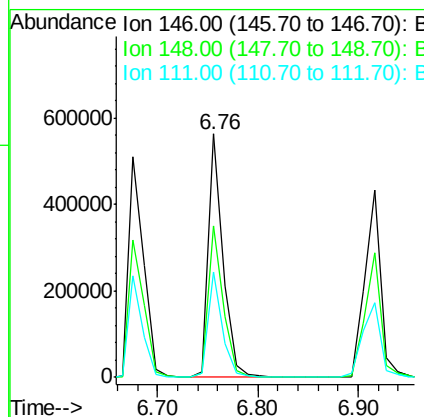
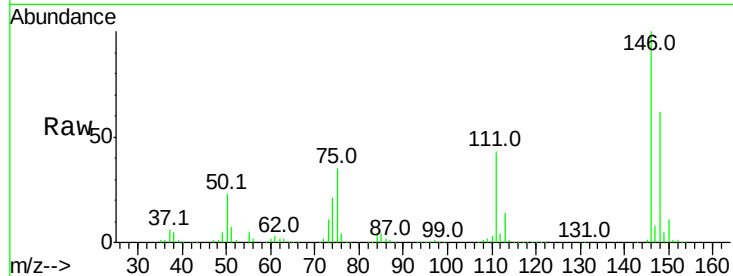
#13
 1,4-Dichlorobenzene
 Concen: 41.10 ng
 RT: 6.76 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Instrument :
 BNA_F
 ClientSampleId :
 PB97520BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.6	76.0
111	43.4	36.2	54.4

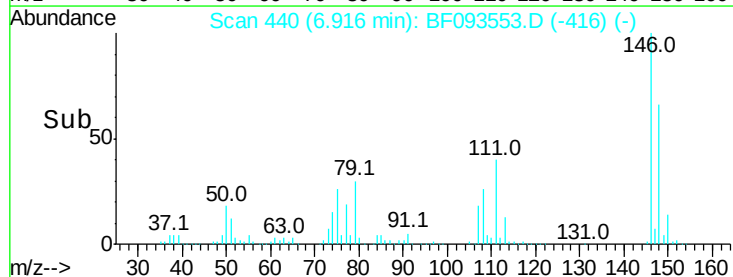
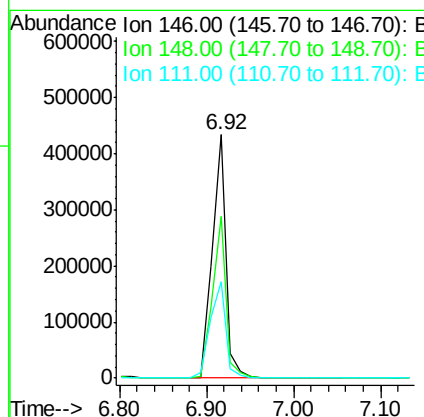
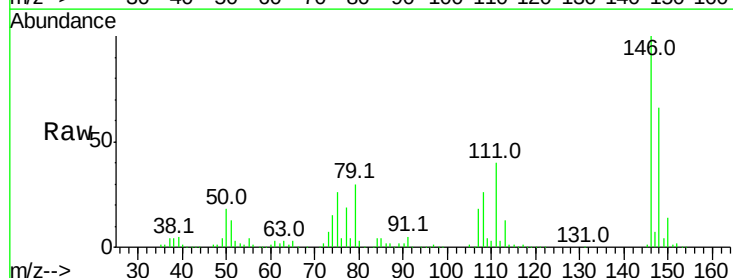
Manual Integrations
 APPROVED

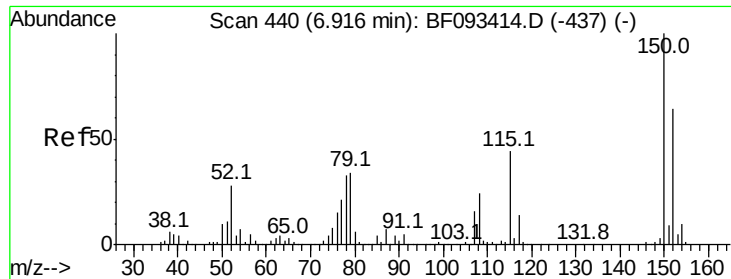
mohammad
 3/13/2017 5:50:38 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.10 ng
 RT: 6.92 min Scan# 440
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	52.2	78.2
111	39.7	36.2	54.2





#15

Benzyl Alcohol

Concen: 43.71 ng

RT: 6.90 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampled :

PB97520BS

Tot Ion: 79 Resp: 415242

Ion Ratio Lower Upper

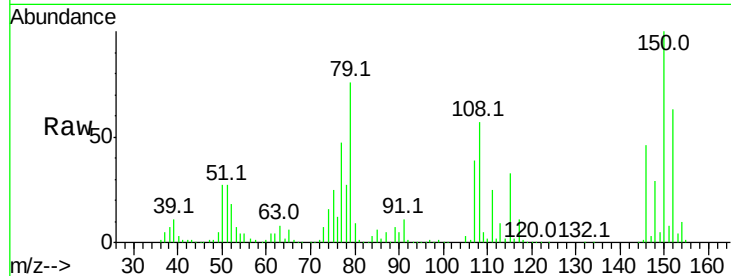
79 100

108 74.7 61.4 92.0

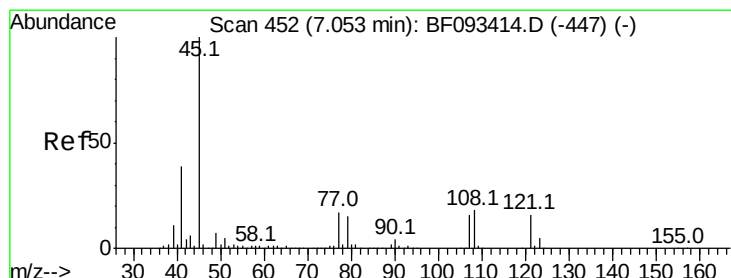
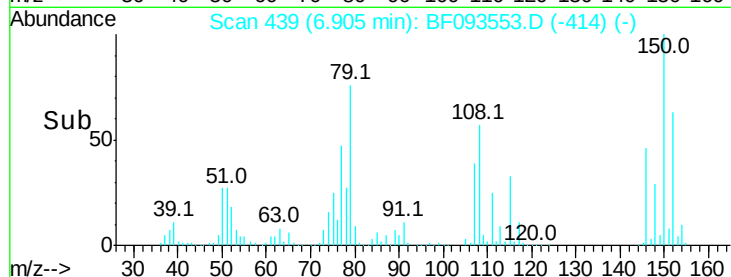
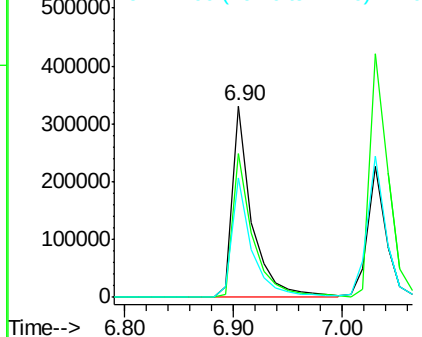
77 62.1 50.9 76.3

Manual Integrations
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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.25 ng

RT: 7.03 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

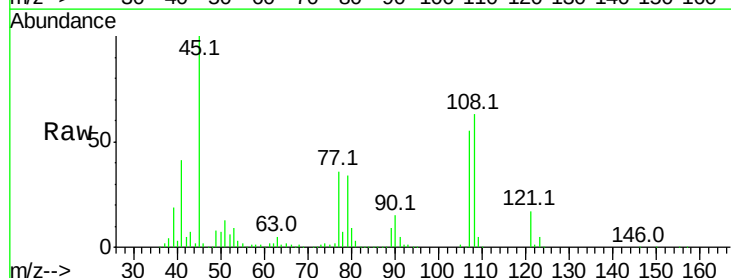
Tgt Ion: 45 Resp: 882516

Ion Ratio Lower Upper

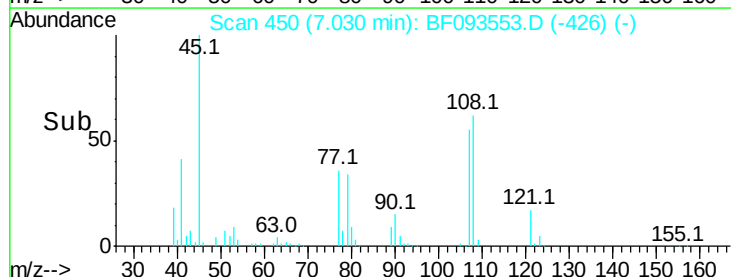
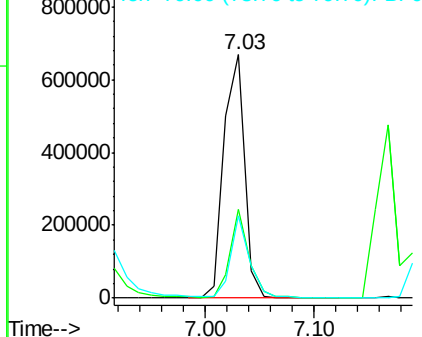
45 100

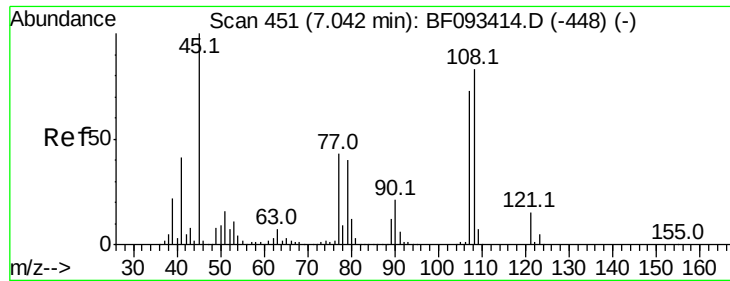
77 36.5 0.0 34.6#

79 33.7 0.0 31.2#



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





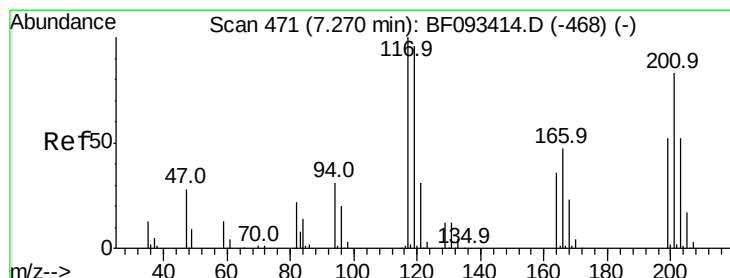
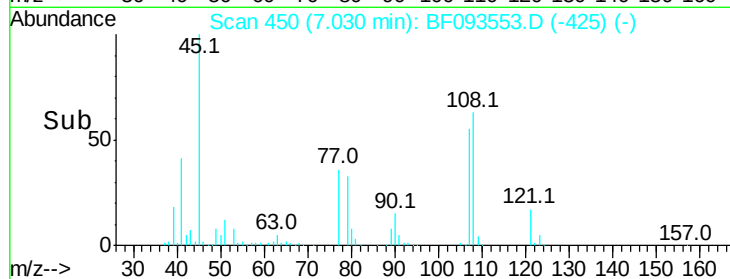
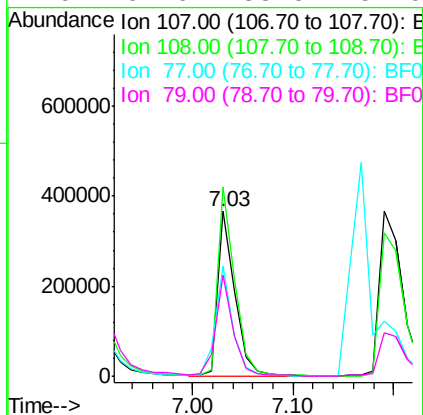
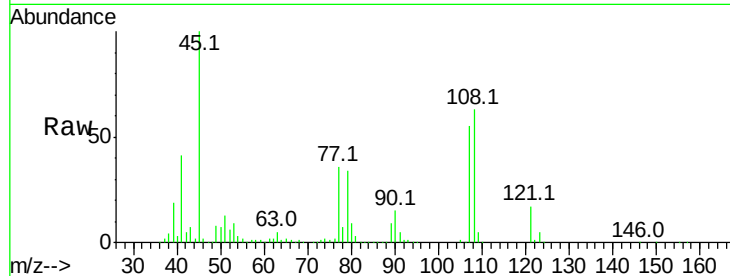
#17
2-Methylphenol
Concen: 43.00 ng
RT: 7.03 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Instrument :
BNA_F
ClientSampleId :
PB97520BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.8	93.0	139.6	
77	66.5	39.8	59.8	
79	61.6	38.0	57.0	

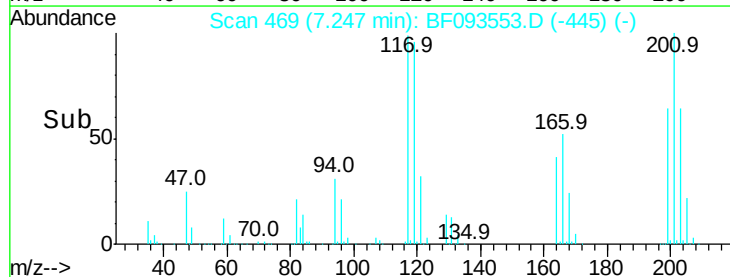
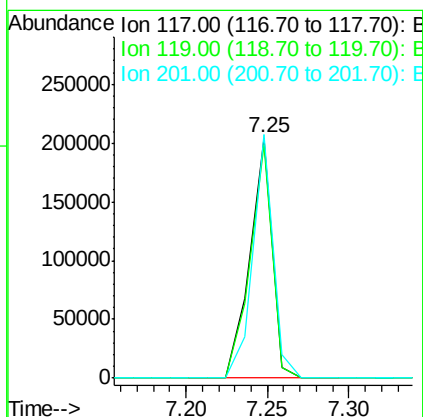
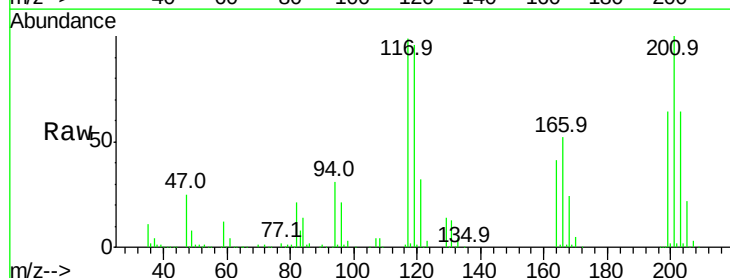
Manual Integrations
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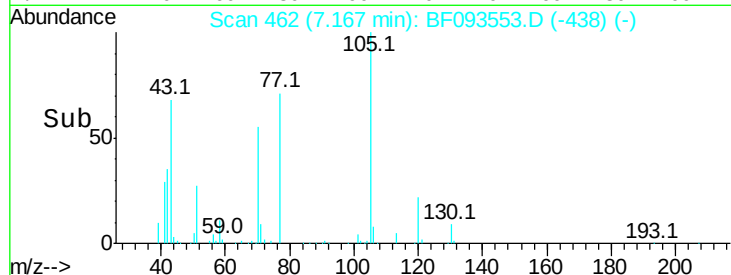
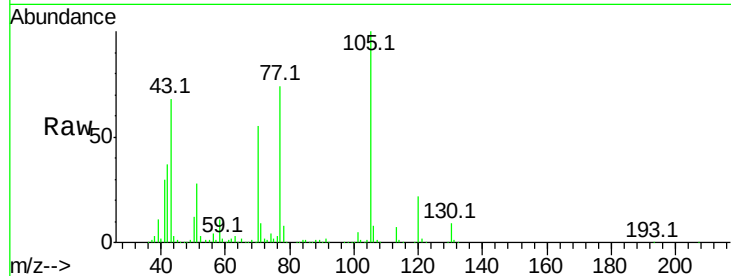
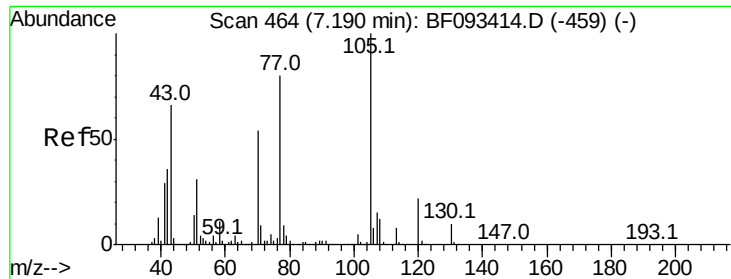
mohammad
3/13/2017 5:50:38 PM



#18
Hexachloroethane
Concen: 41.31 ng
RT: 7.25 min Scan# 469
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.1	78.1	117.1	
201	101.3	78.6	117.8	





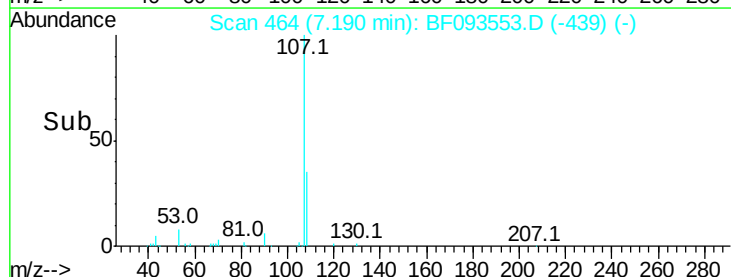
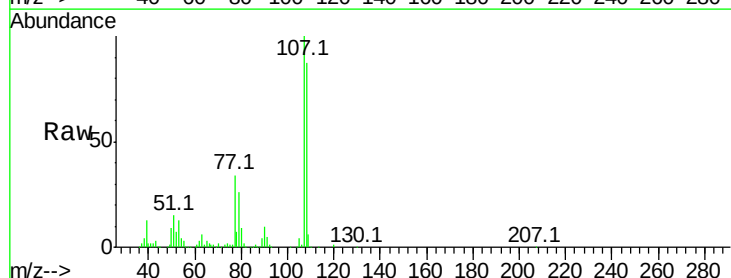
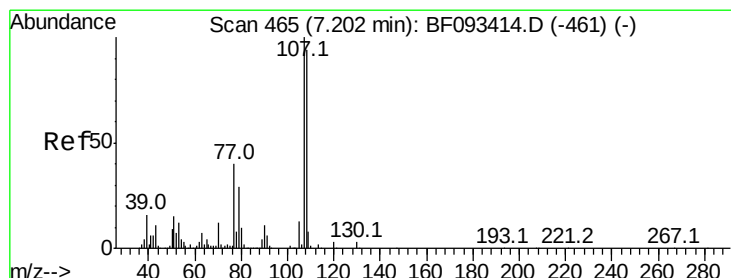
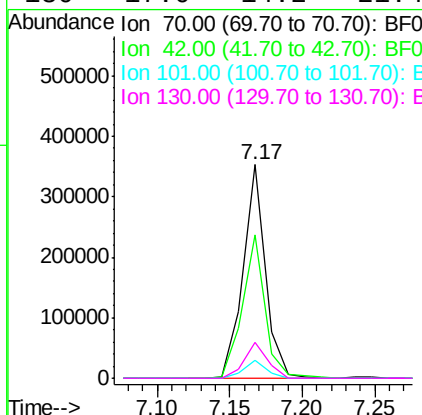
#19
n-Nitroso-di-n-propylamine
Concen: 41.13 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Instrument :
BNA_F
ClientSampleId :
PB97520BS

Tot Ion	70	Resp	376871
Ion Ratio	Lower	Upper	
70	100		
42	67.3	49.4	74.0
101	8.7	7.4	11.2
130	17.0	14.2	21.4

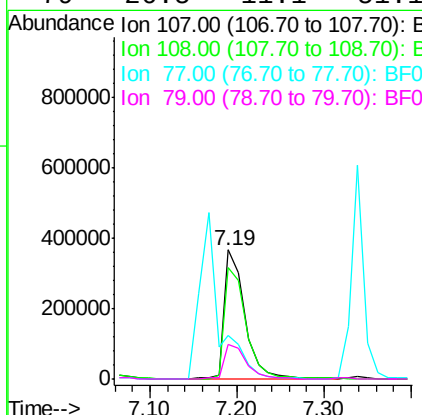
Manual Integrations
APPROVED

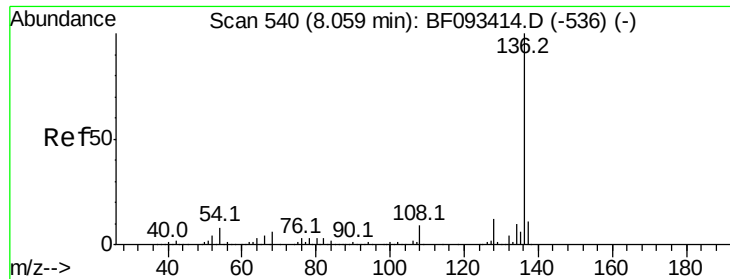
mohammad
3/13/2017 5:50:38 PM



#20
3+4-Methylphenols
Concen: 46.46 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Tgt Ion	107	Resp	603430
Ion Ratio	Lower	Upper	
107	100		
108	86.5	73.0	113.0
77	33.5	71.3	111.3#
79	26.5	11.1	51.1





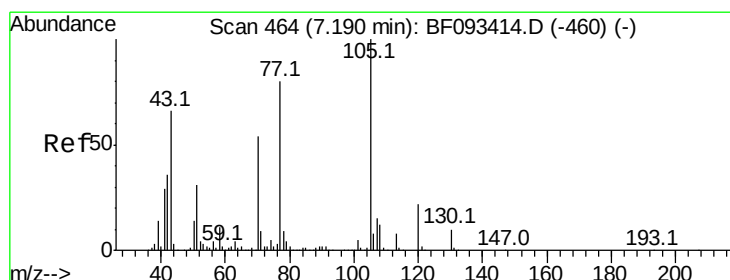
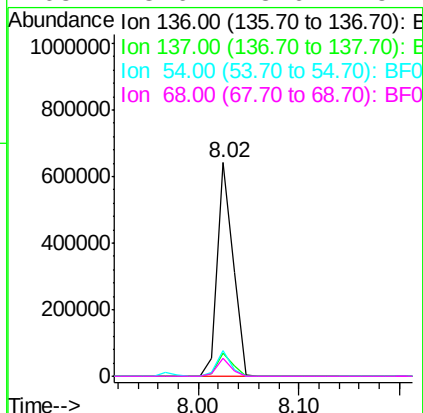
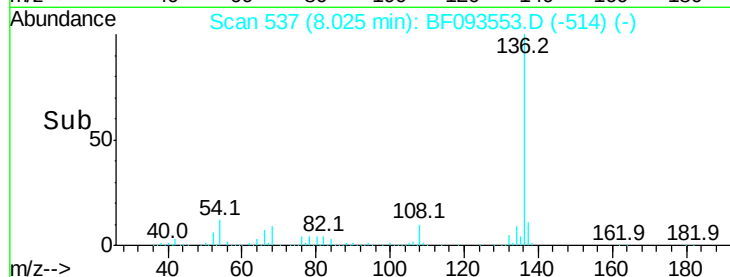
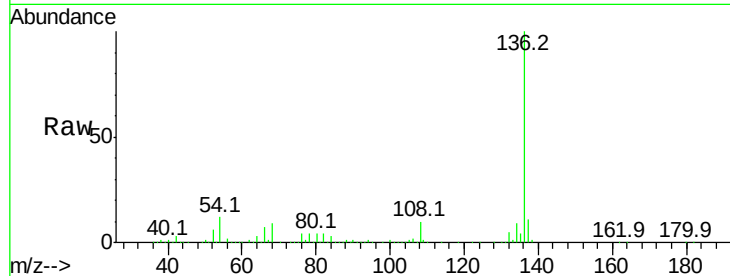
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Instrument :
BNA_F
ClientSampleId :
PB97520BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.4	12.6
54	12.1	4.5	6.7#
68	8.6	3.6	5.4#

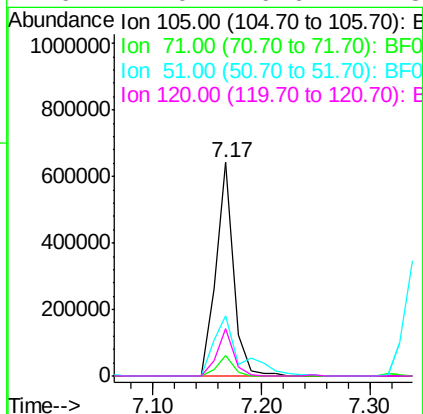
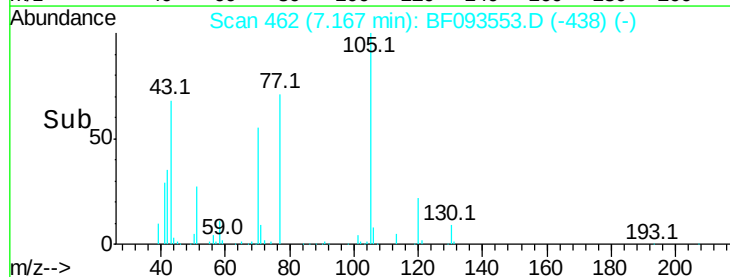
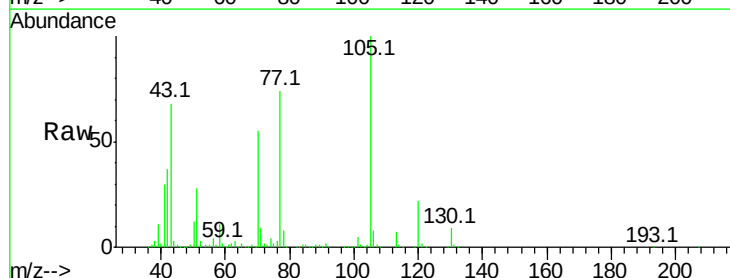
Manual Integrations
APPROVED

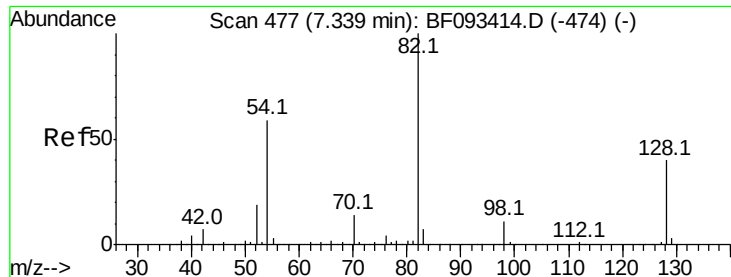
mohammad
3/13/2017 5:50:38 PM



#22
Acetophenone
Concen: 43.42 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	9.3	3.2	4.8#
51	28.2	26.2	39.4
120	22.0	16.6	24.8





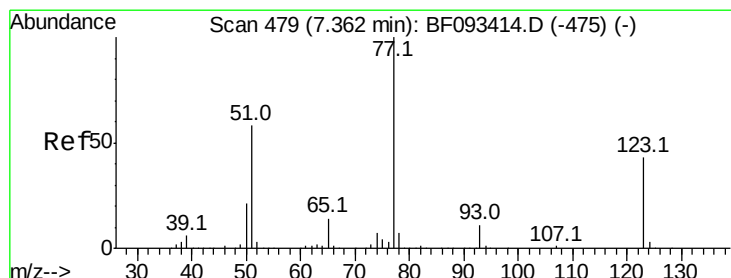
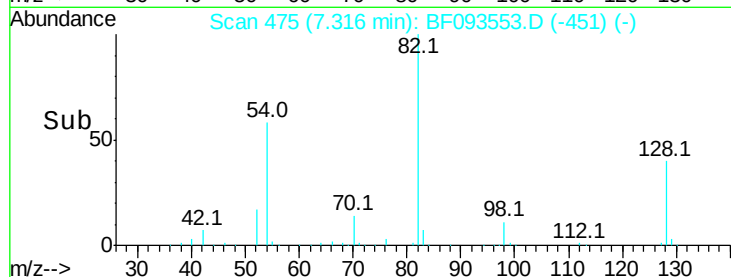
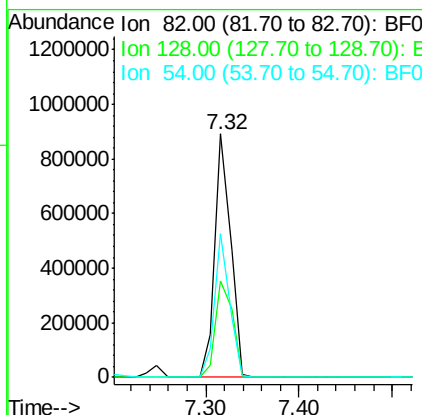
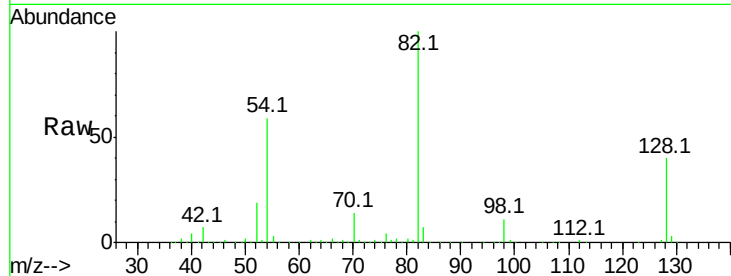
#23
Nitrobenzene-d5
Concen: 84.07 ng
RT: 7.32 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Instrument :
BNA_F
ClientSampleId :
PB97520BS

Tot Ion: 82 Resp: 1052859
Ion Ratio Lower Upper
82 100
128 39.7 34.6 52.0
54 58.9 39.5 59.3

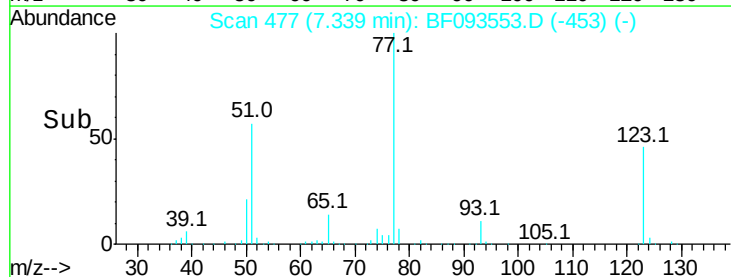
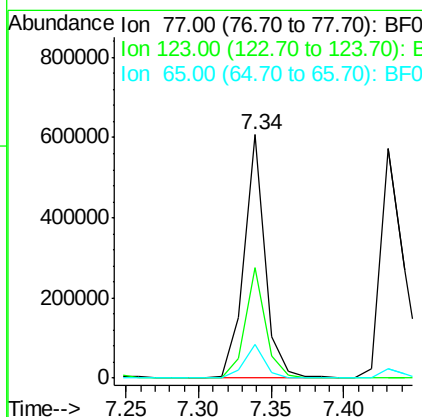
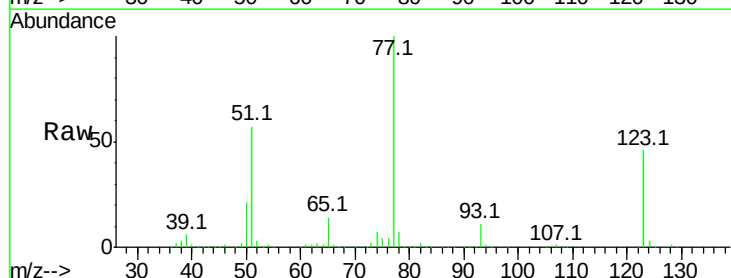
Manual Integrations
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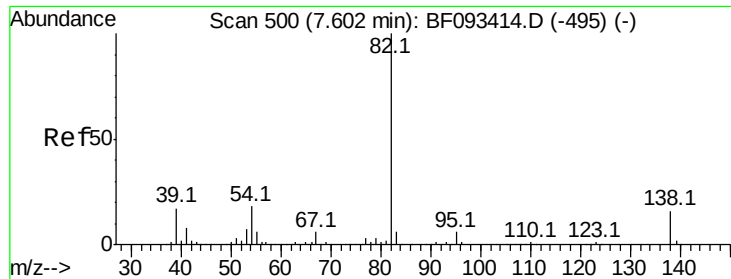
mohammad
3/13/2017 5:50:38 PM



#24
Nitrobenzene
Concen: 43.15 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Tgt Ion: 77 Resp: 607374
Ion Ratio Lower Upper
77 100
123 45.5 33.0 49.4
65 13.8 11.2 16.8





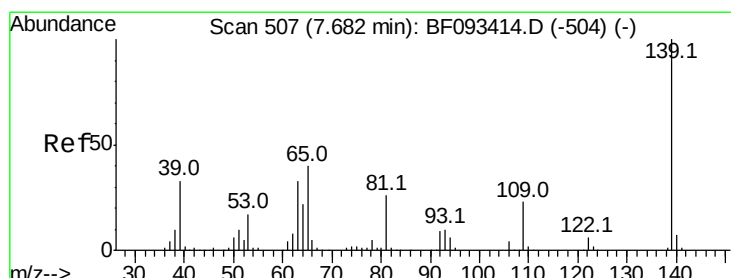
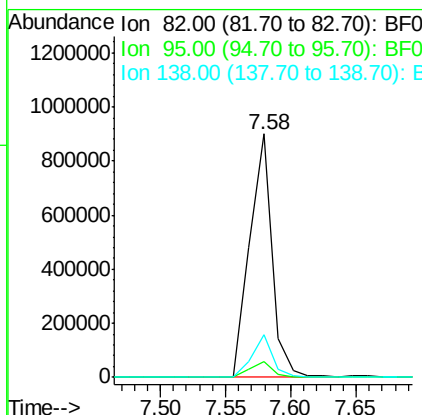
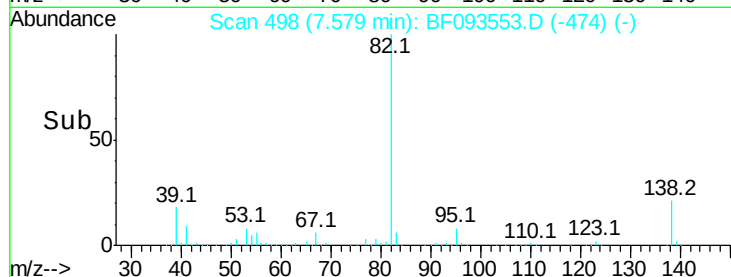
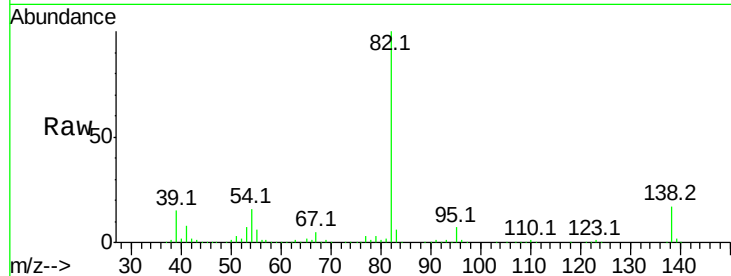
#25
Isophorone
Concen: 42.62 ng
RT: 7.58 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Instrument :
BNA_F
ClientSampleId :
PB97520BS

Tot Ion: 82 Resp: 1076453
Ion Ratio Lower Upper
82 100
95 6.5 5.6 8.4
138 17.4 14.6 22.0

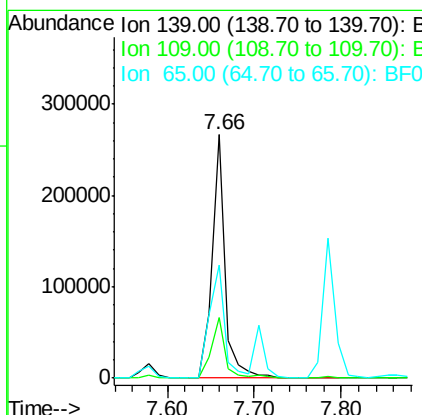
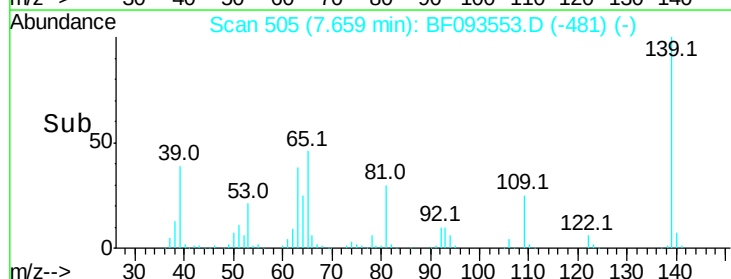
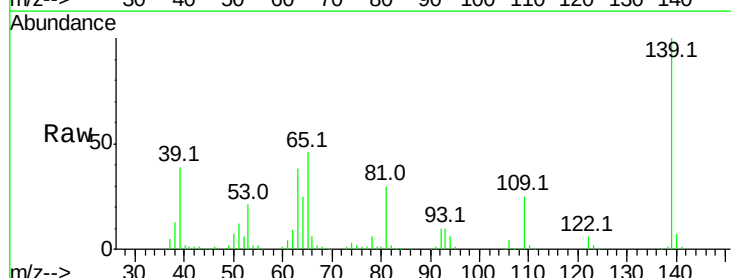
Manual Integrations
APPROVED

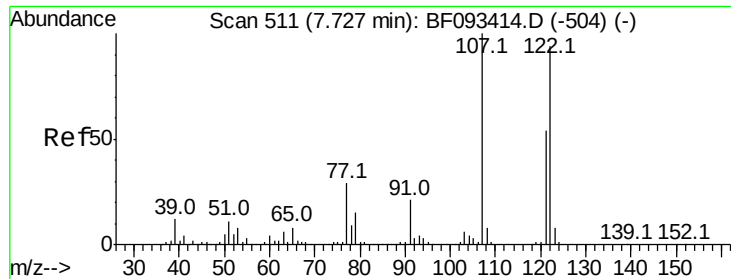
mohammad
3/13/2017 5:50:38 PM



#26
2-Nitrophenol
Concen: 43.73 ng
RT: 7.66 min Scan# 505
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Tgt Ion: 139 Resp: 280841
Ion Ratio Lower Upper
139 100
109 24.7 23.3 34.9
65 46.4 42.7 64.1





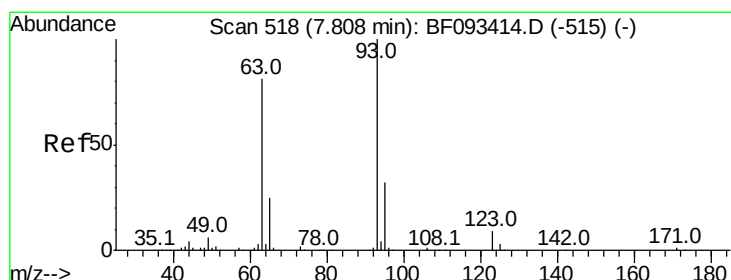
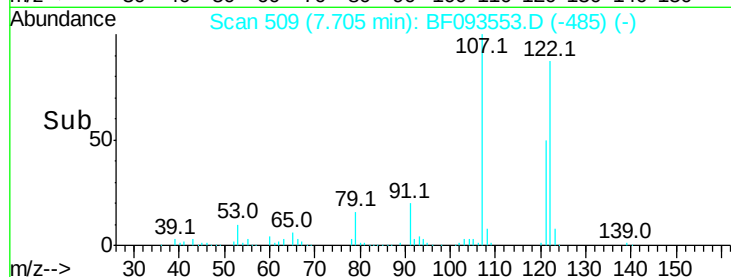
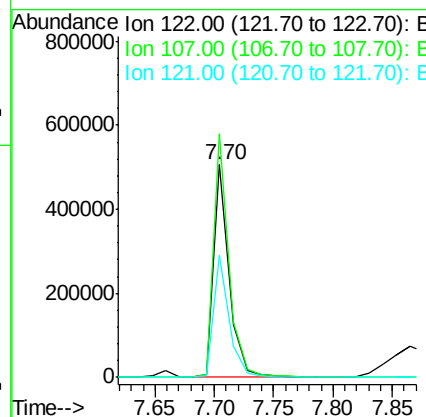
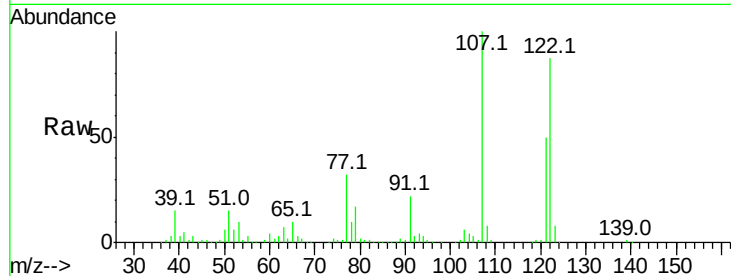
#27
 2,4-Dimethylphenol
 Concen: 43.53 ng
 RT: 7.70 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Instrument :
 BNA_F
 ClientSampleId :
 PB97520BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.6	94.1	141.1
121	57.7	46.0	69.0

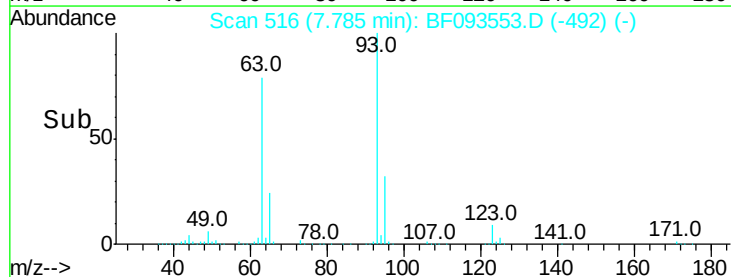
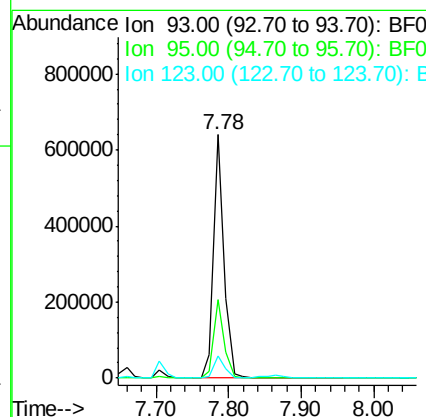
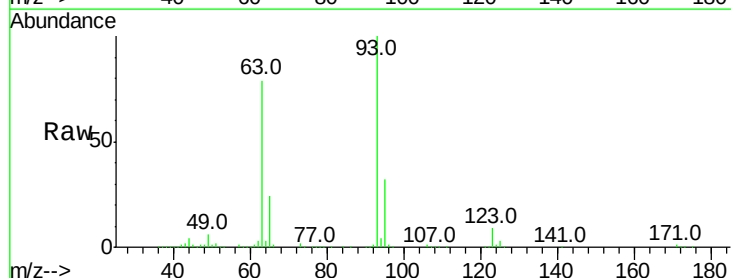
Manual Integrations
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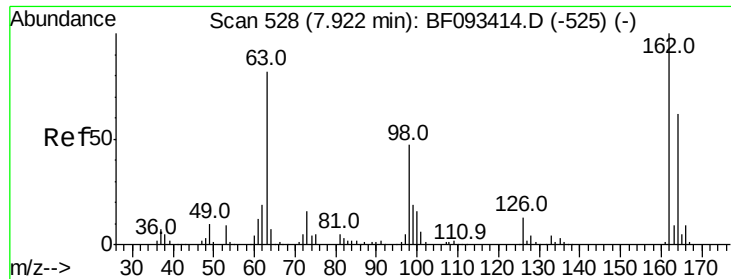
mohammad
 3/13/2017 5:50:38 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.34 ng
 RT: 7.78 min Scan# 516
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.5	39.7
123	9.2	8.6	13.0





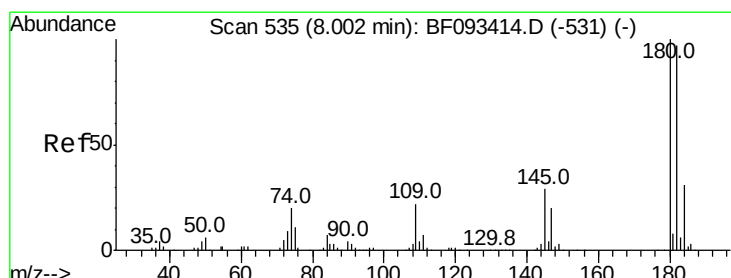
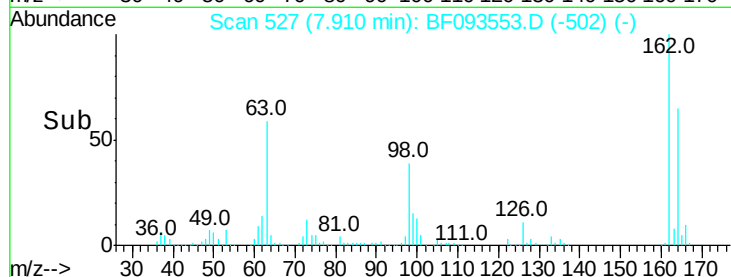
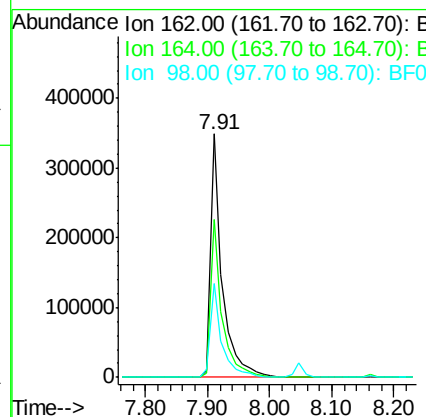
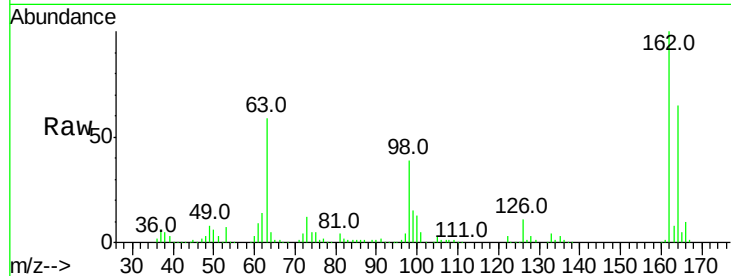
#29
 2,4-Dichlorophenol
 Concen: 45.70 ng
 RT: 7.91 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Instrument :
 BNA_F
 ClientSampleId :
 PB97520BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	449093		
164	64.6	46.8	86.8	
98	38.8	9.1	49.1	

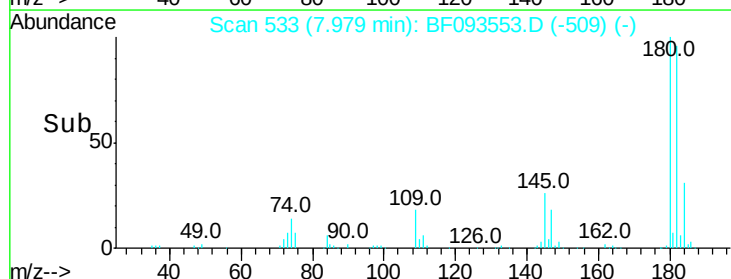
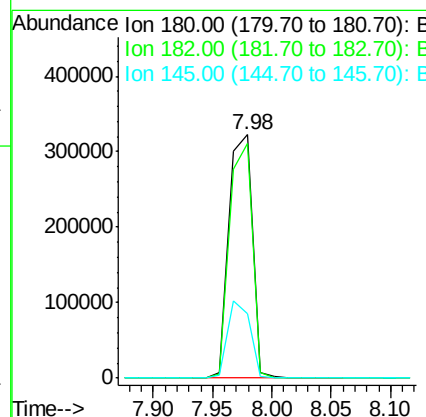
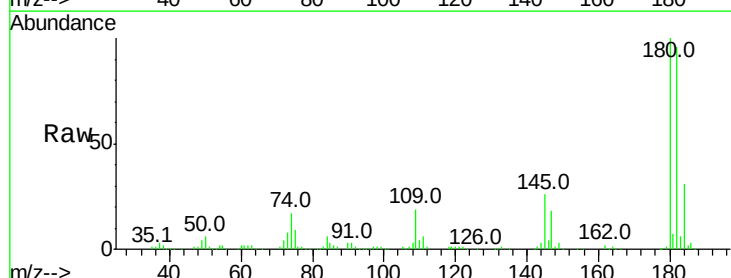
Manual Integrations
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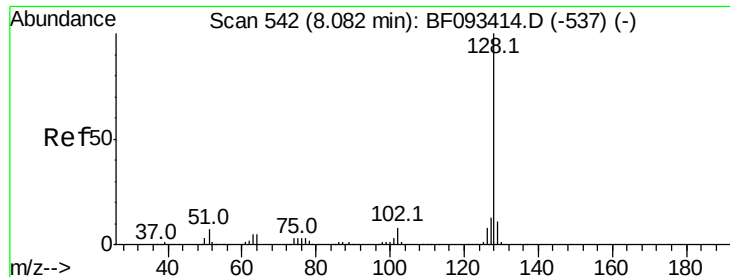
mohammad
 3/13/2017 5:50:38 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.15 ng
 RT: 7.98 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	440519		
182	96.3	78.2	117.4	
145	26.3	21.6	32.4	





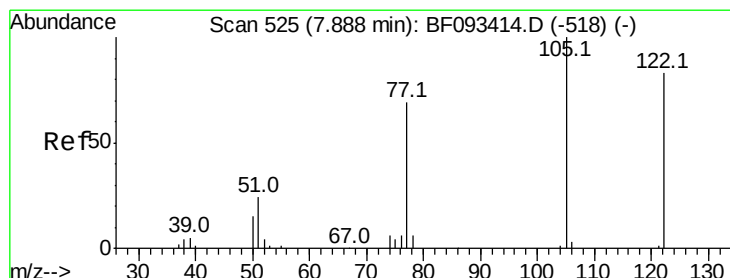
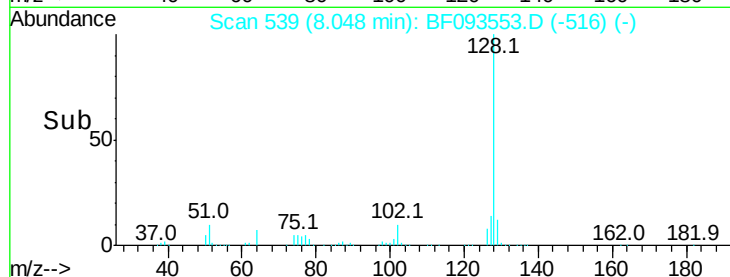
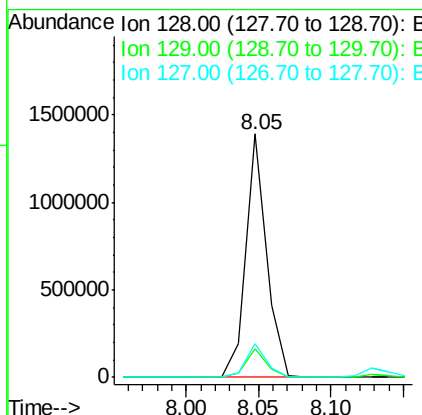
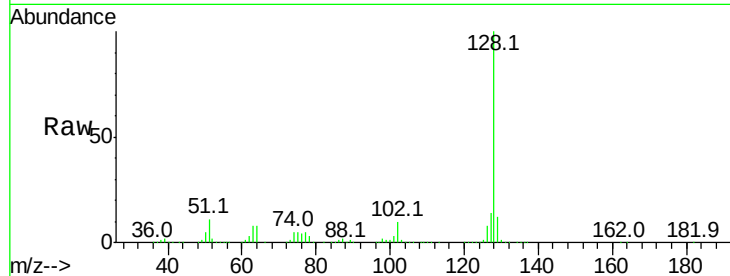
#31
Naphthalene
Concen: 39.81 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.03 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Instrument :
BNA_F
ClientSampleId :
PB97520BS

Tot Ion:128 Resp: 1386307
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.6 10.8 16.2

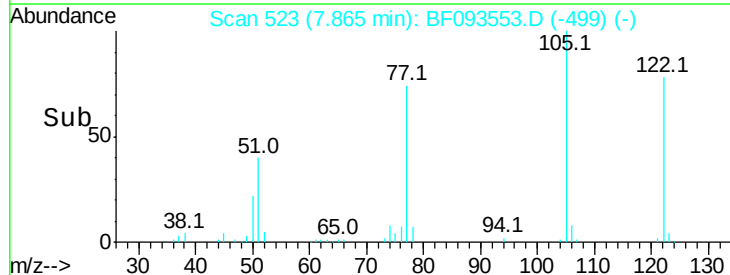
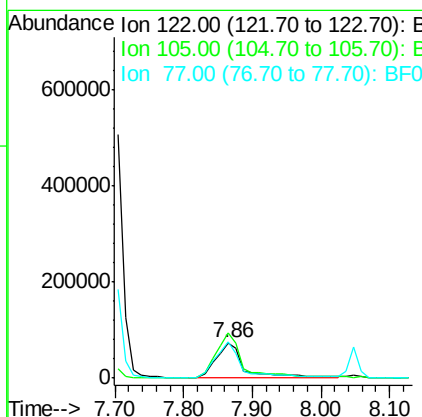
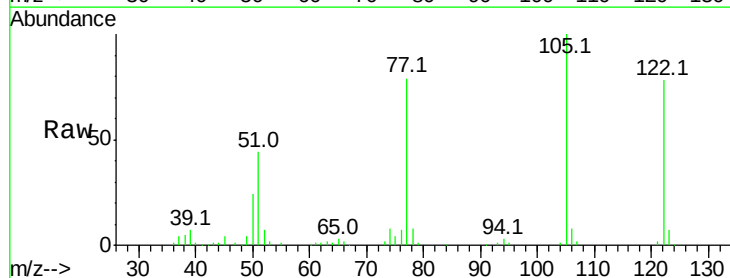
Manual Integrations
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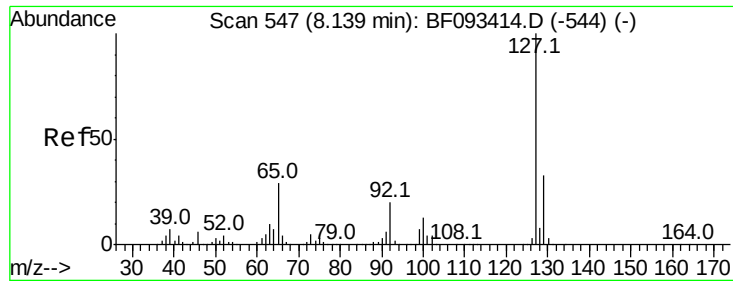
mohammad
3/13/2017 5:50:38 PM



#32
Benzoic acid
Concen: 37.66 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Tgt Ion:122 Resp: 204443
Ion Ratio Lower Upper
122 100
105 128.9 107.2 147.2
77 102.1 74.5 114.5





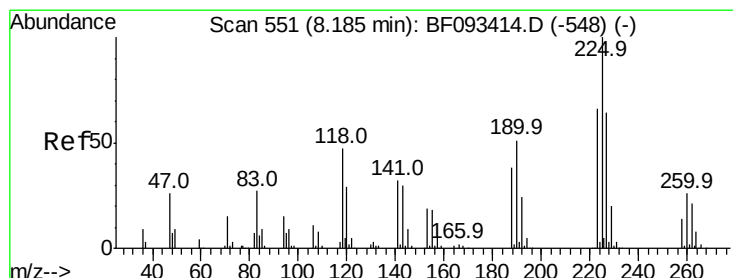
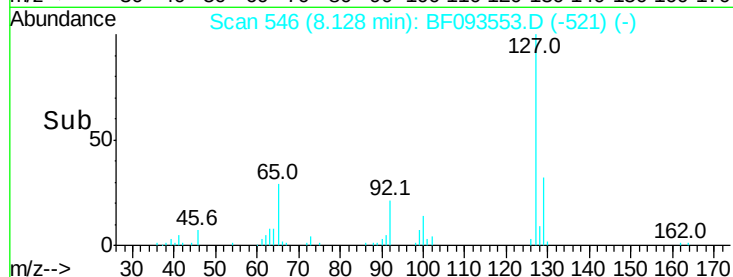
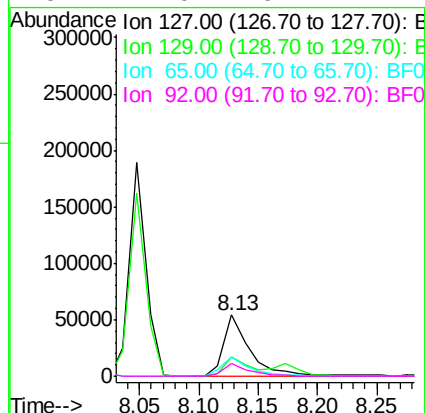
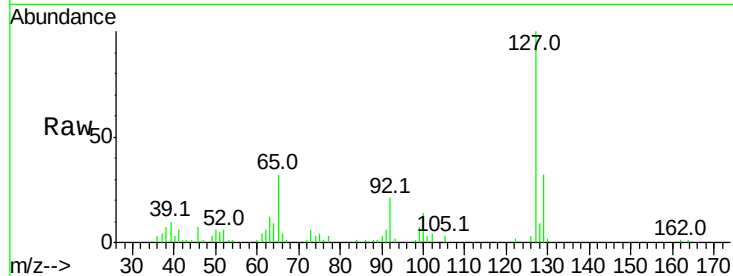
#33
4-Chloroaniline
Concen: 5.69 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Instrument :
BNA_F
ClientSampleId :
PB97520BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.5	26.3	39.5	
65	32.1	25.8	38.8	
92	21.0	16.1	24.1	

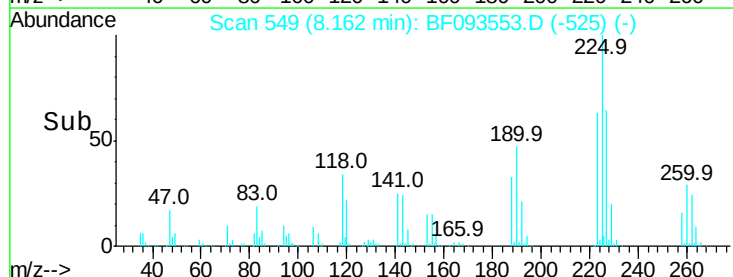
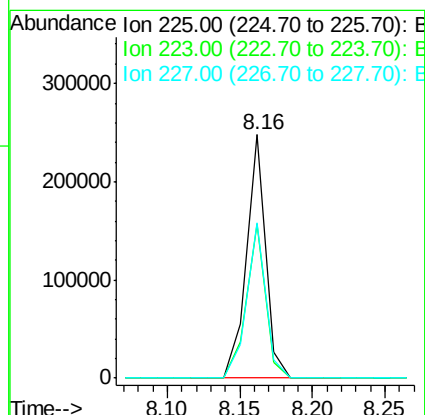
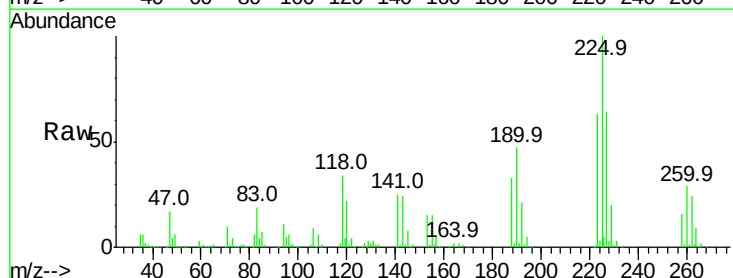
Manual Integrations
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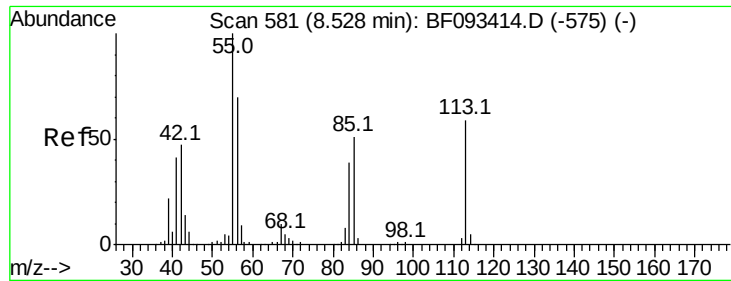
mohammad
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#34
Hexachlorobutadiene
Concen: 42.12 ng
RT: 8.16 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	51.0	76.6	
227	63.6	50.6	76.0	





#35

Caprolactam

Concen: 43.82 ng/ml

RT: 8.49 min Scan# 578

Delta R.T. -0.03 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampled :

PB97520BS

Tot Ion:113 Resp: 147089

Ion Ratio Lower Upper

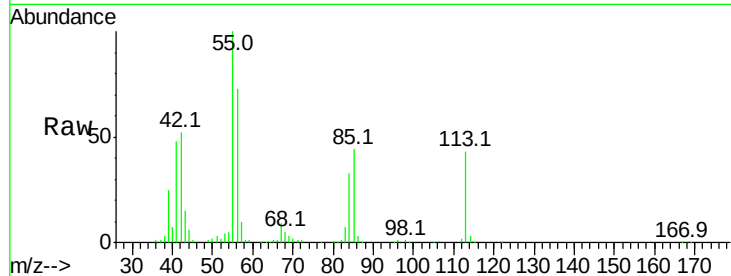
113 100

55 232.5 119.2 159.2#

56 169.4 83.8 123.8#

Manual Integrations
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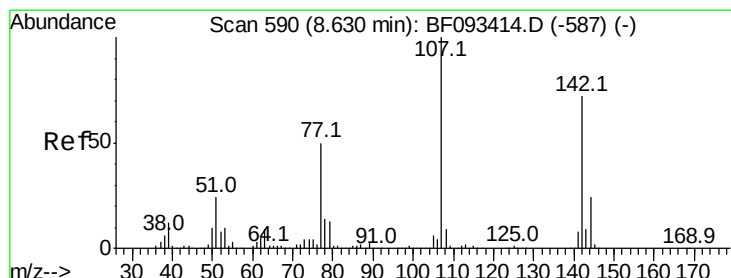
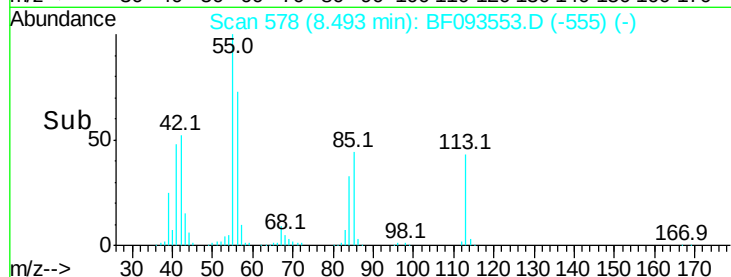
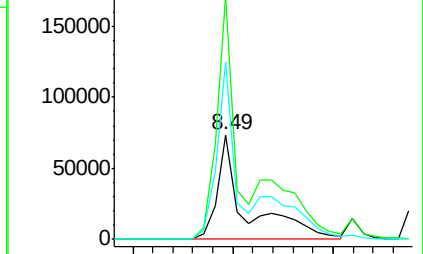
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.98 ng/ml

RT: 8.62 min Scan# 589

Delta R.T. -0.01 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

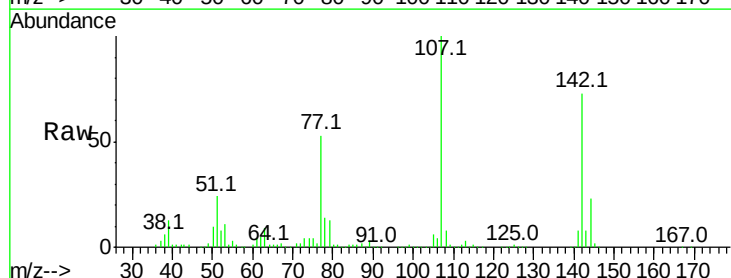
Tgt Ion:107 Resp: 471838

Ion Ratio Lower Upper

107 100

144 22.7 19.3 28.9

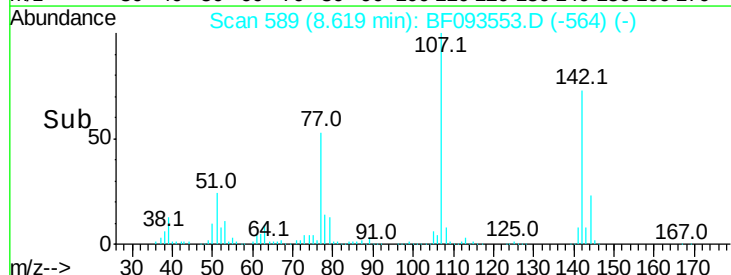
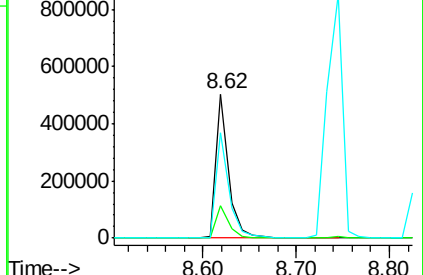
142 73.3 59.0 88.6

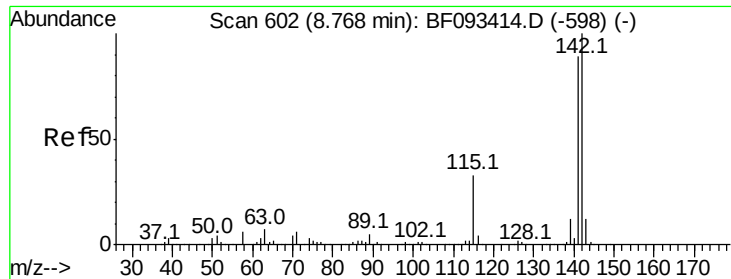


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





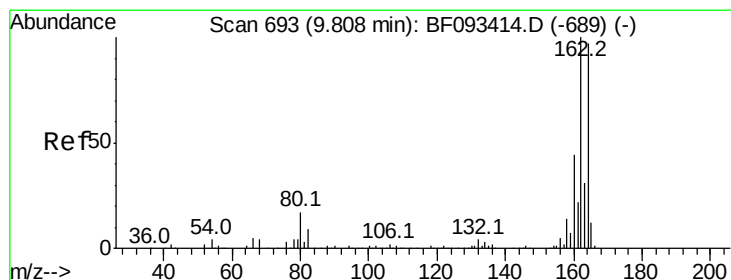
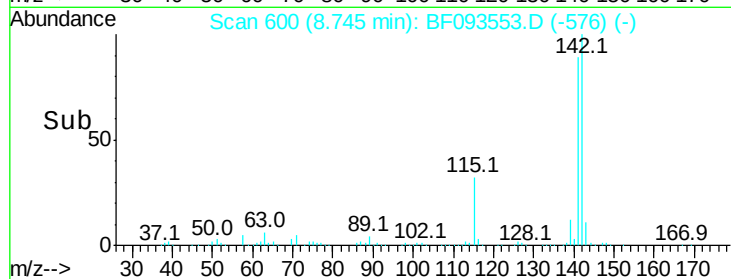
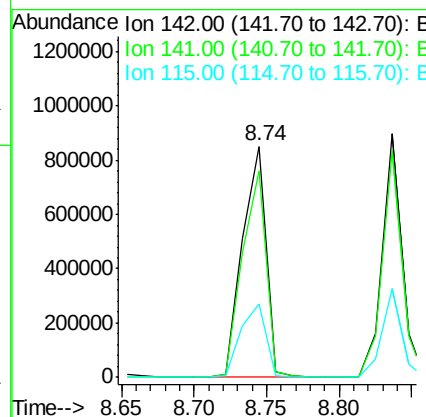
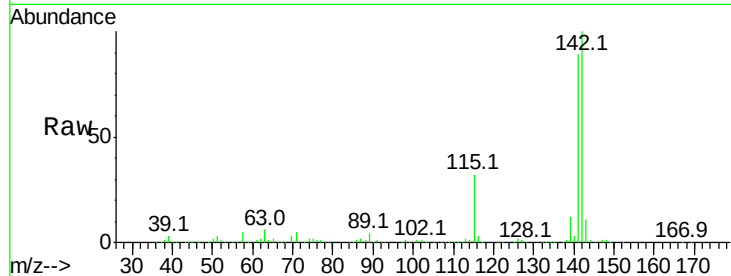
#37
2-Methylnaphthalene
Concen: 43.45 ng
RT: 8.74 min Scan# 600
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Instrument :
BNA_F
ClientSampleId :
PB97520BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.6
115	31.6	28.3	42.5

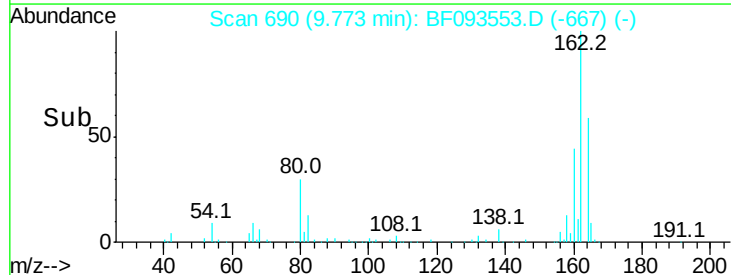
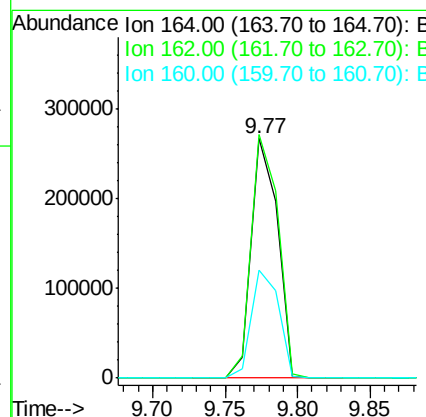
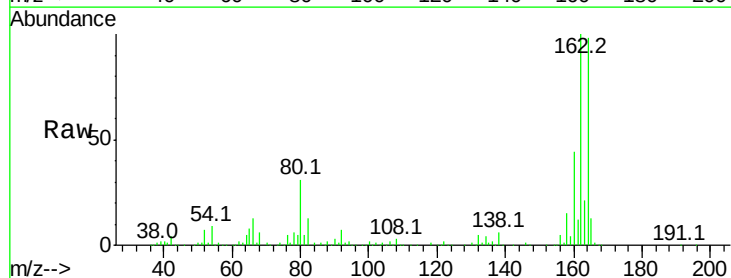
Manual Integrations
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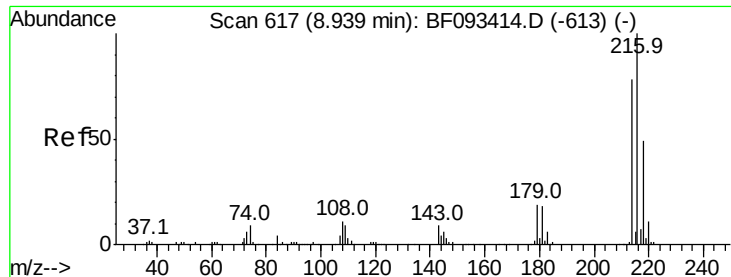
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.2	120.2
160	44.9	36.9	55.3





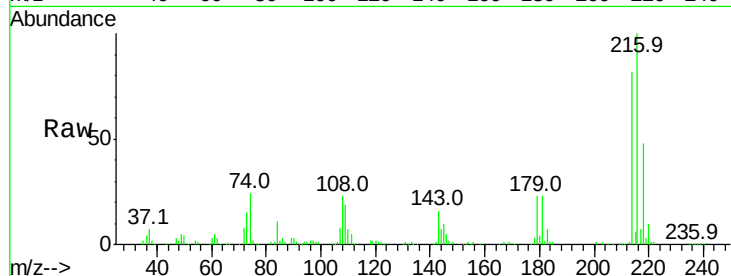
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.59 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Instrument :
 BNA_F
 ClientSampleId :
 PB97520BS

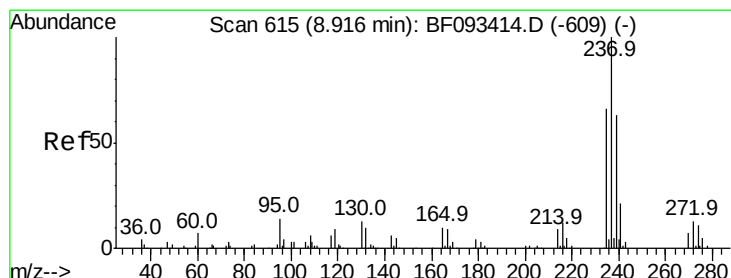
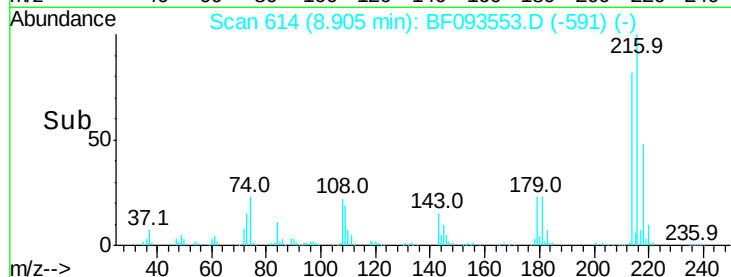
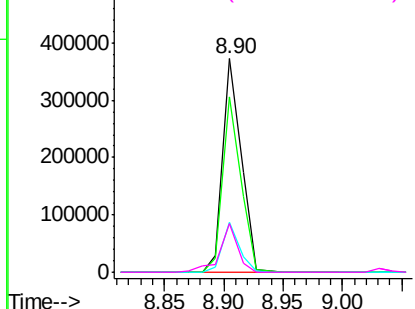
Tot Ion	Ratio	Resp	Lower	Upper
216	100	400949		
214	80.2		63.4	95.0
179	21.5		17.4	26.2
108	21.8		15.6	23.4

Manual Integrations
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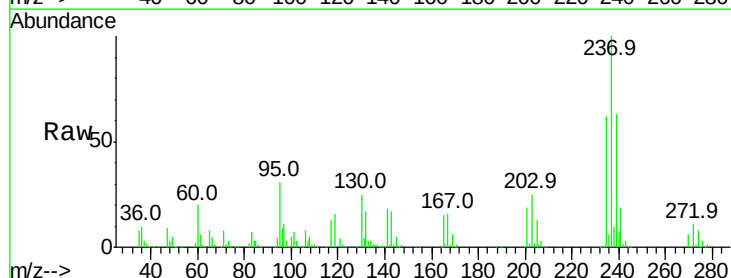


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

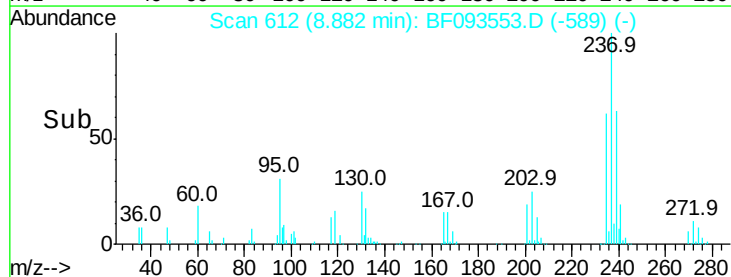
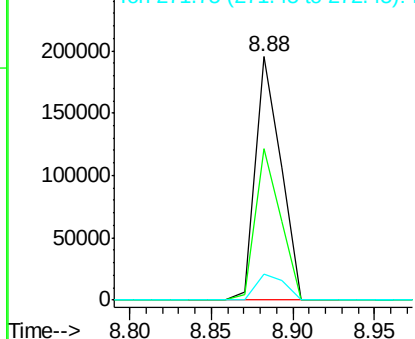


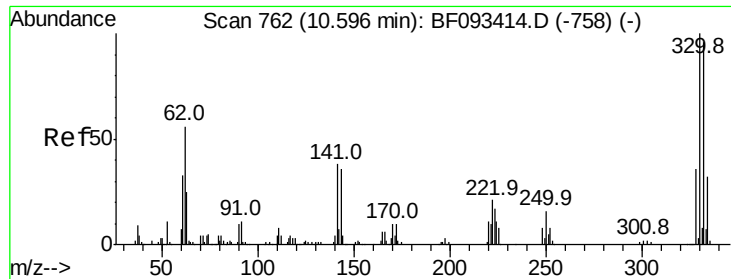
#40
 Hexachlorocyclopentadiene
 Concen: 89.60 ng
 RT: 8.88 min Scan# 612
 Delta R.T. -0.03 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	211944		
235	62.4		41.2	81.2
272	10.9		0.0	35.4



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





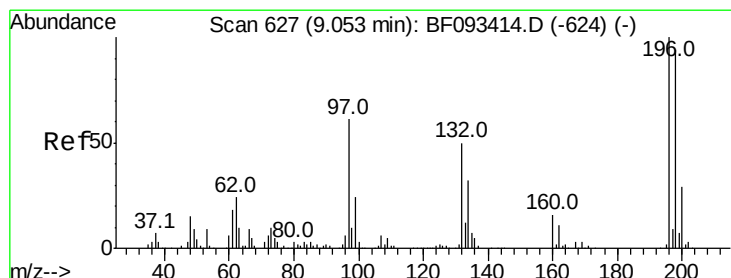
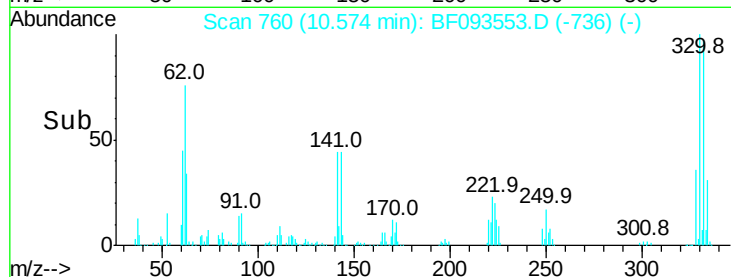
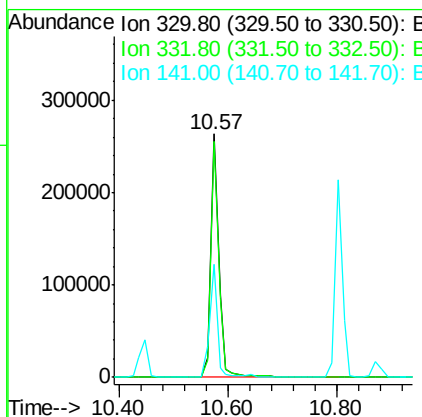
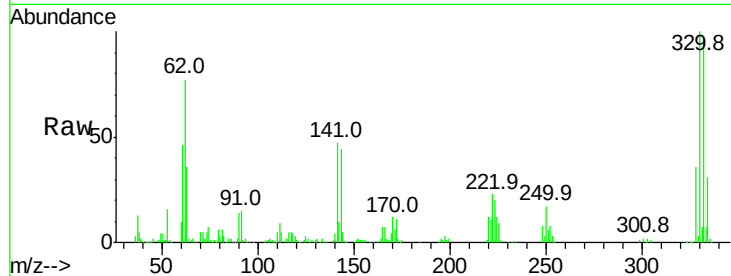
#41
 2,4,6-Tribromophenol
 Concen: 127.62 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Instrument :
 BNA_F
 ClientSampleId :
 PB97520BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	280101		
332	95.8	77.4	116.2	
141	42.8	34.1	51.1	

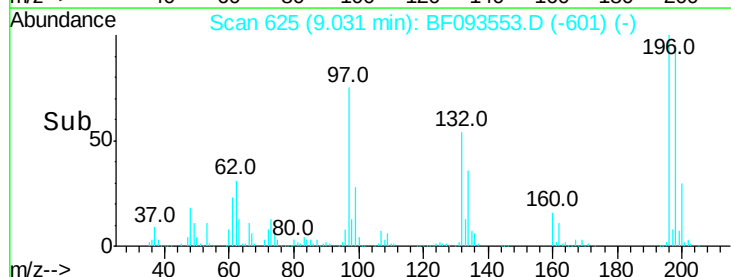
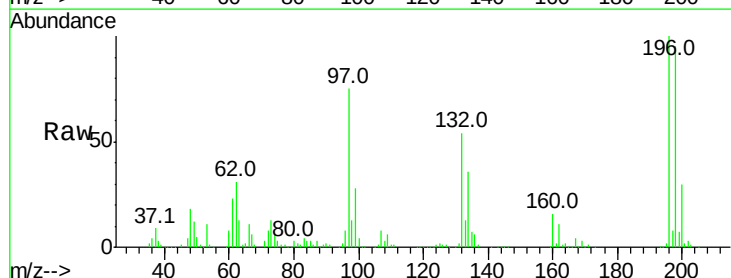
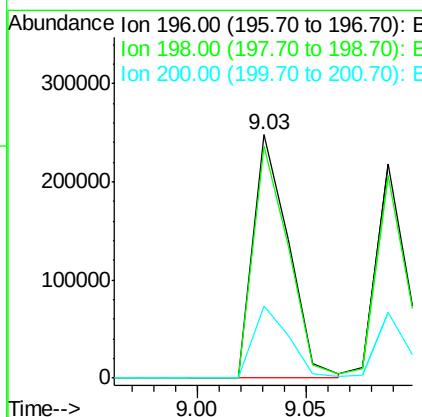
Manual Integrations
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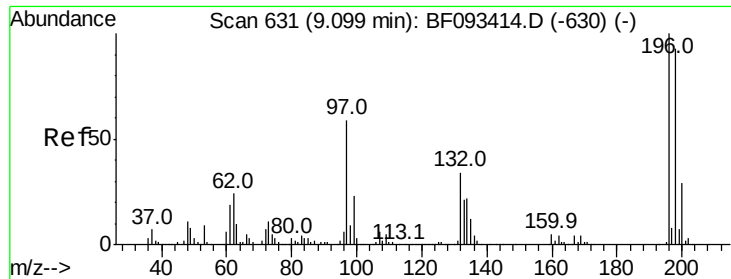
mohammad
 3/13/2017 5:50:38 PM



#42
 2,4,6-Trichlorophenol
 Concen: 48.88 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	280909		
198	95.2	82.1	123.1	
200	29.9	27.0	40.4	





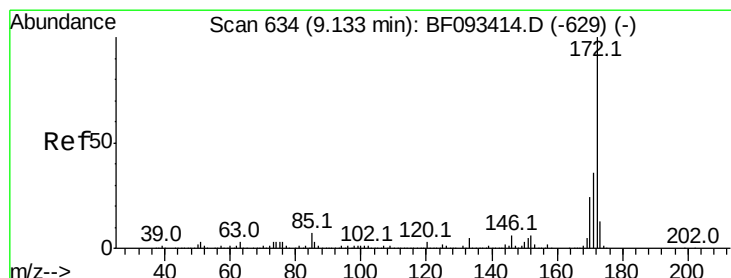
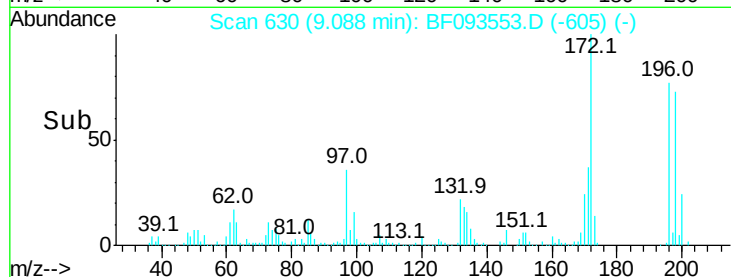
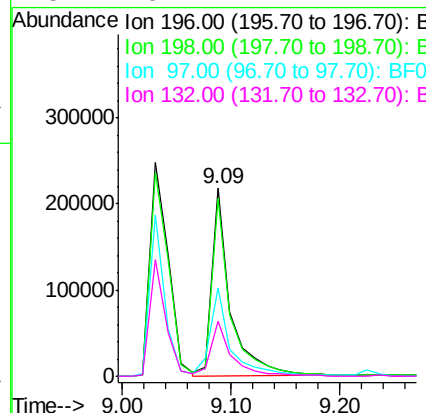
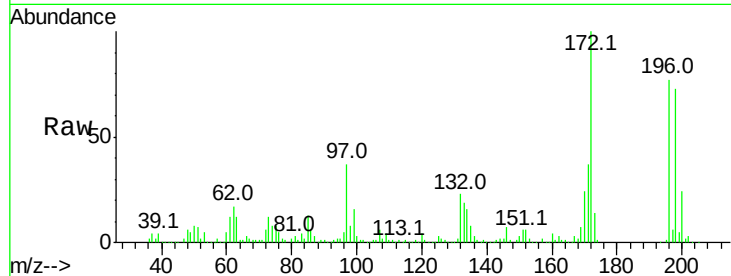
#43
2,4,5-Trichlorophenol
Concen: 42.08 ng
RT: 9.09 min Scan# 630
Delta R.T. -0.01 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Instrument :
BNA_F
ClientSampleId :
PB97520BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	259512		
198	94.8	79.4	119.2	
97	47.3	51.5	77.3	
132	29.1	27.4	41.2	

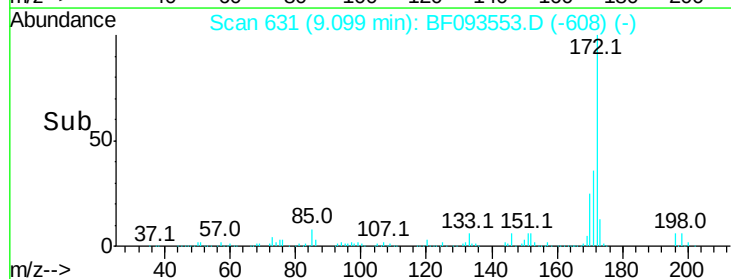
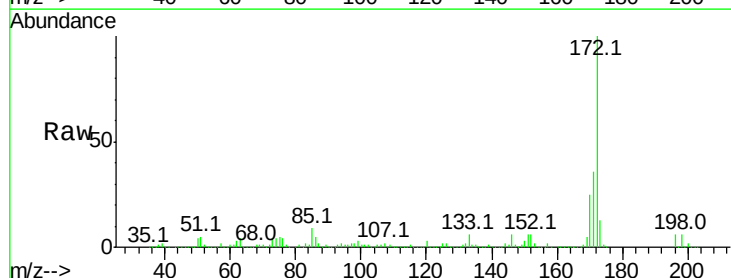
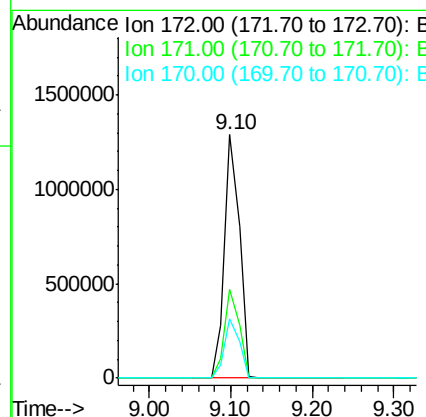
Manual Integrations
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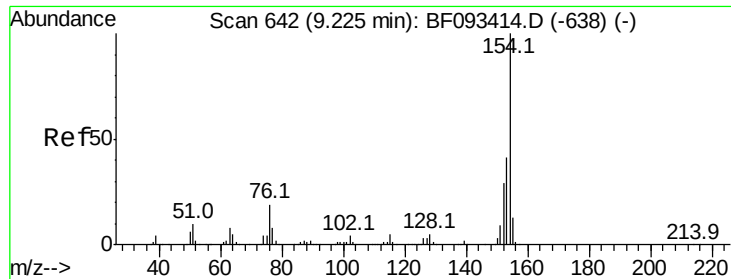
mohammad
3/13/2017 5:50:38 PM



#44
2-Fluorobiphenyl
Concen: 90.82 ng
RT: 9.10 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1644848		
171	36.2	29.4	44.0	
170	24.6	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 44.53 ng

RT: 9.20 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampleId :

PB97520BS

Tot Ion:154 Resp: 1092904

Ion Ratio Lower Upper

154 100

153 41.0 20.9 60.9

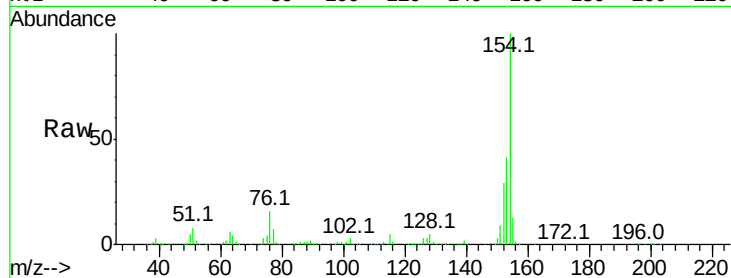
76 15.6 0.0 30.5

Manual Integrations

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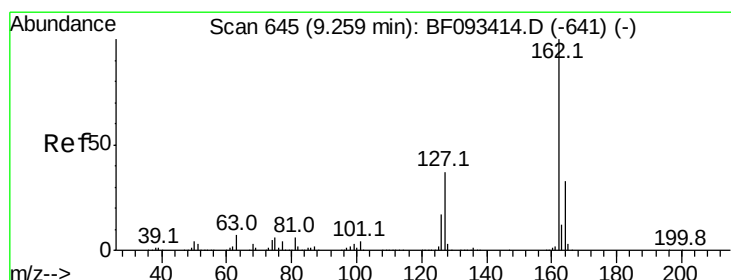
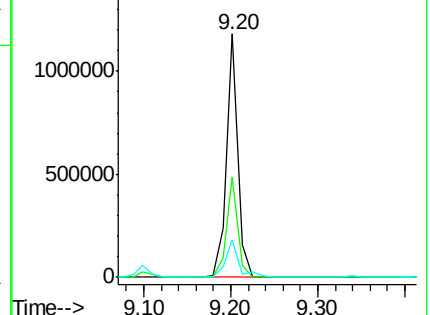
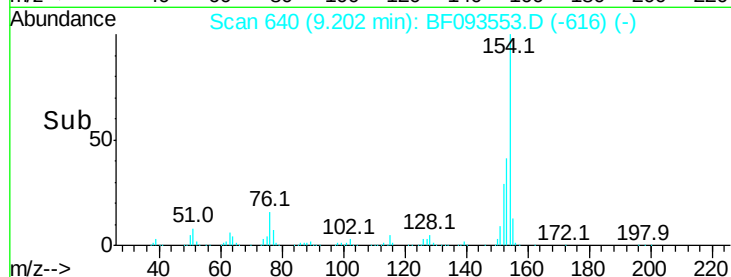
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 46.51 ng

RT: 9.22 min Scan# 642

Delta R.T. -0.03 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

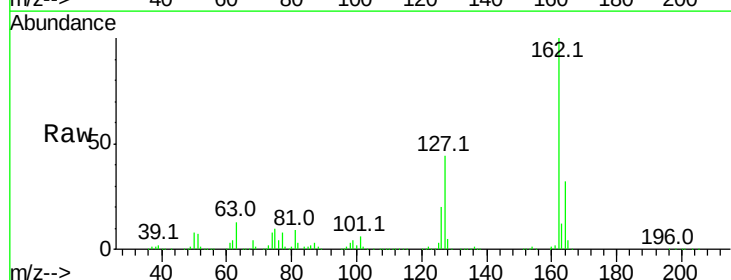
Tgt Ion:162 Resp: 873617

Ion Ratio Lower Upper

162 100

127 43.7 30.7 46.1

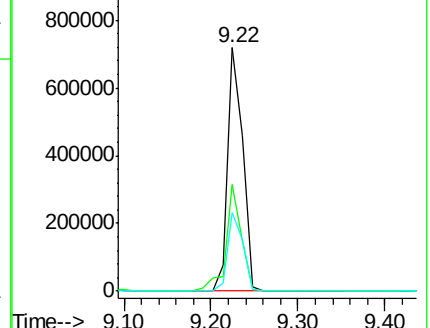
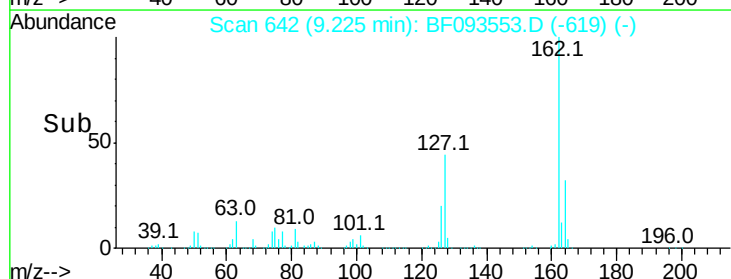
164 32.4 27.6 41.4

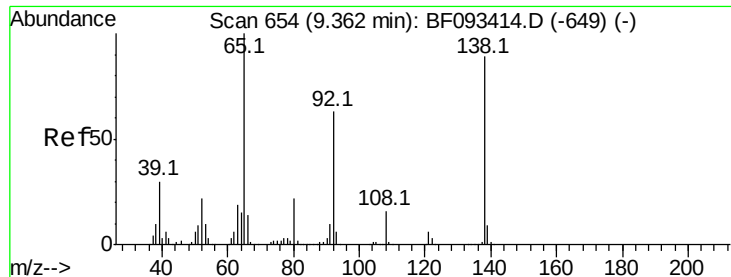


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.70 ng

RT: 9.34 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

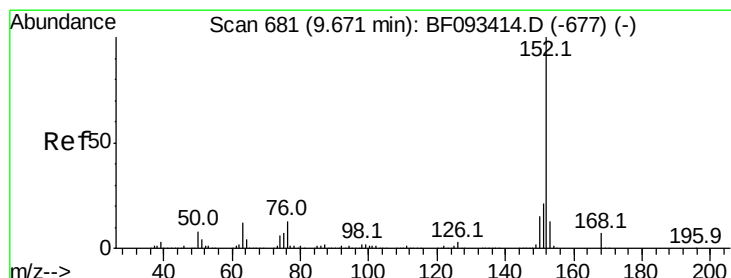
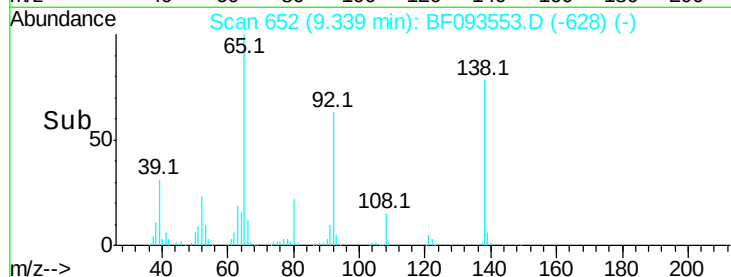
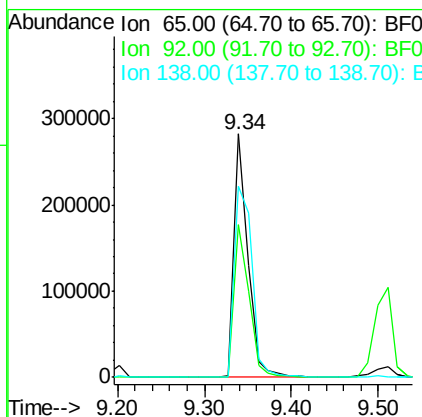
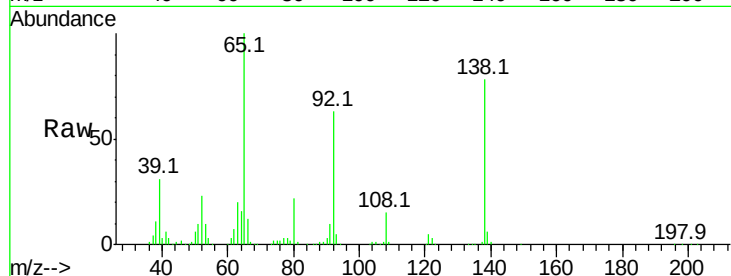
ClientSampleId :

PB97520BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	310130		
92	62.7	53.9	80.9	
138	78.5	76.8	115.2	

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#48

Acenaphthylene

Concen: 43.12 ng

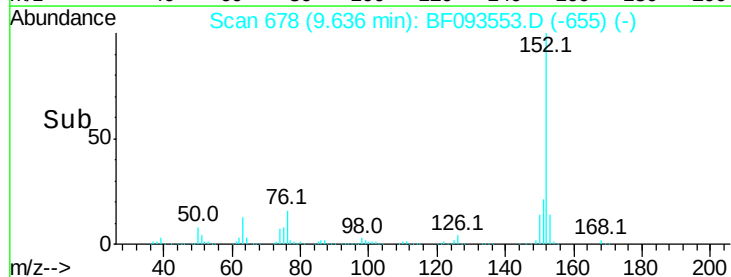
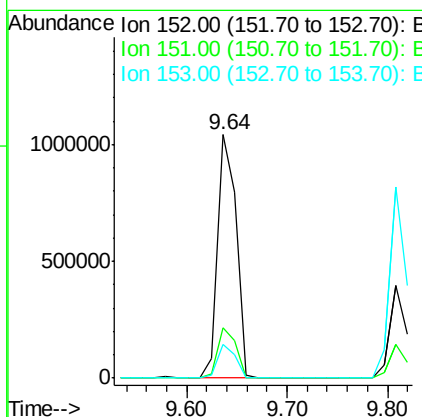
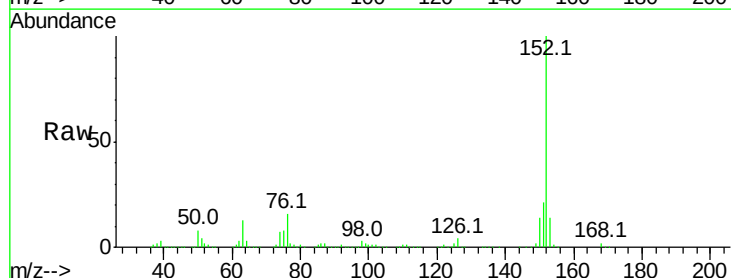
RT: 9.64 min Scan# 678

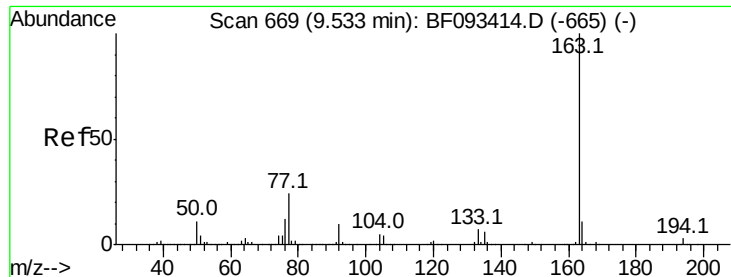
Delta R.T. -0.03 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1335765		
151	20.6	16.9	25.3	
153	13.6	11.4	17.2	





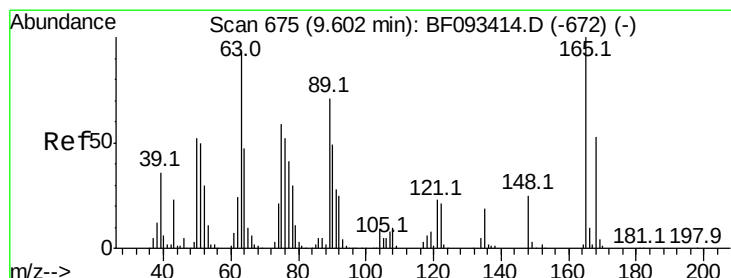
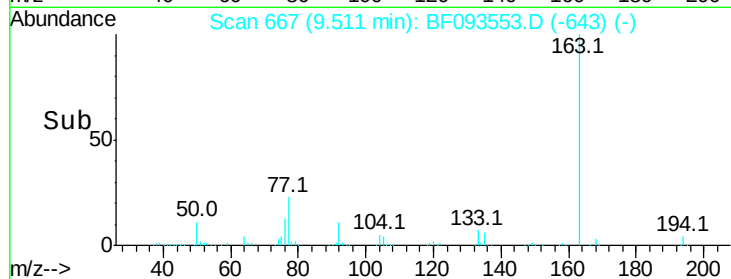
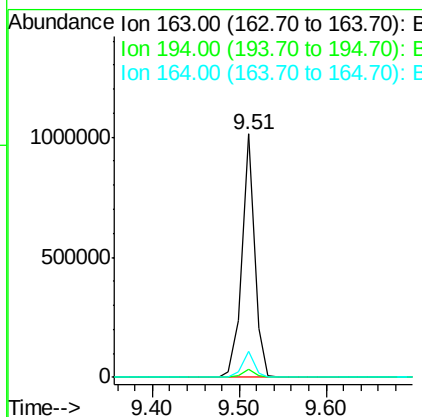
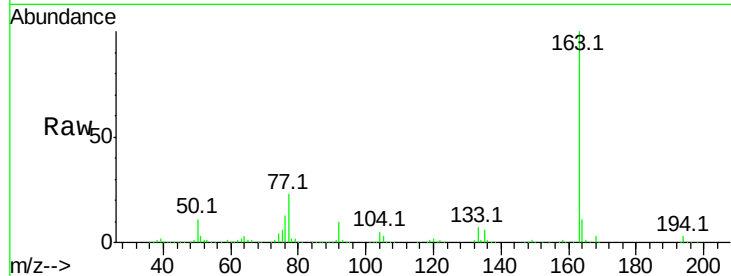
#49
Dimethylphthalate
Concen: 45.68 ng
RT: 9.51 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Instrument :
BNA_F
ClientSampleId :
PB97520BS

Tot Ion:163 Resp: 1020241
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.7 8.0 12.0

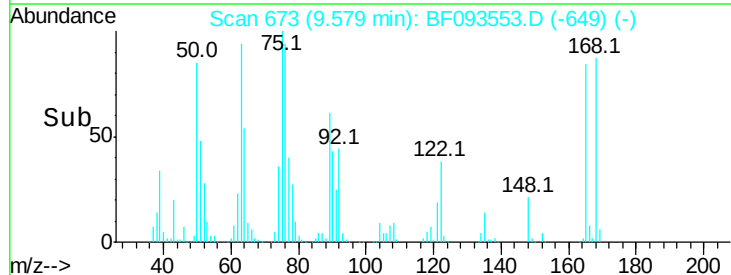
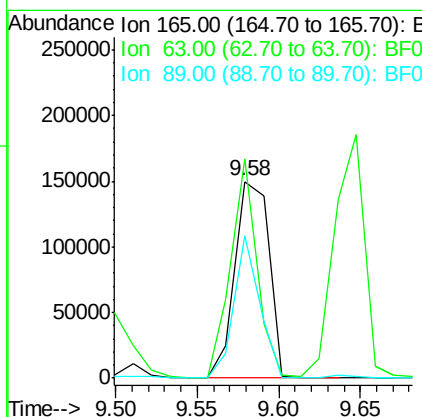
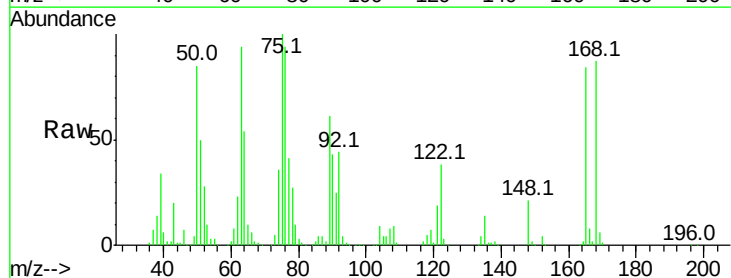
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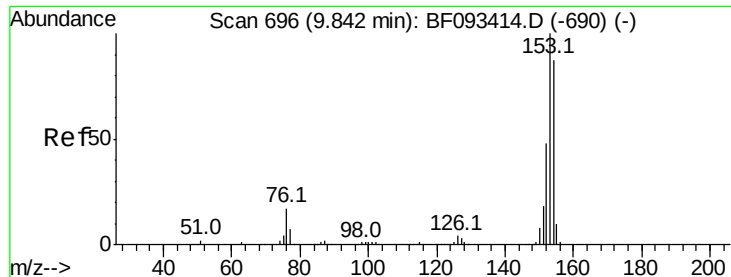
mohammad
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#50
2,6-Dinitrotoluene
Concen: 44.03 ng
RT: 9.58 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Tgt Ion:165 Resp: 215783
Ion Ratio Lower Upper
165 100
63 111.7 36.2 54.4#
89 72.7 40.2 60.4#





#51

Acenaphthene

Concen: 43.77 ng

RT: 9.81 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

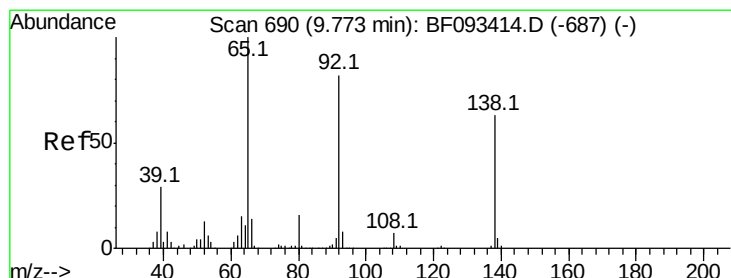
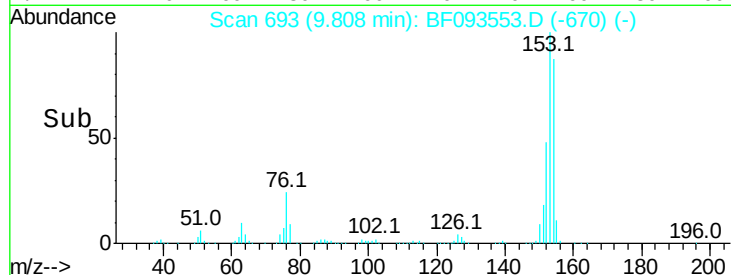
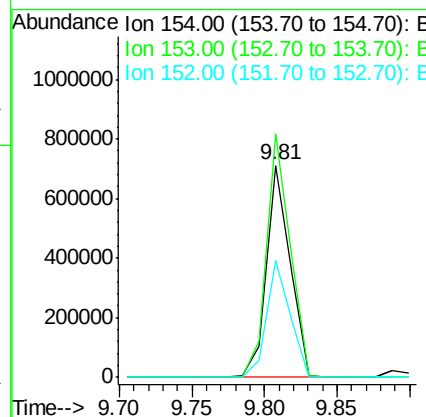
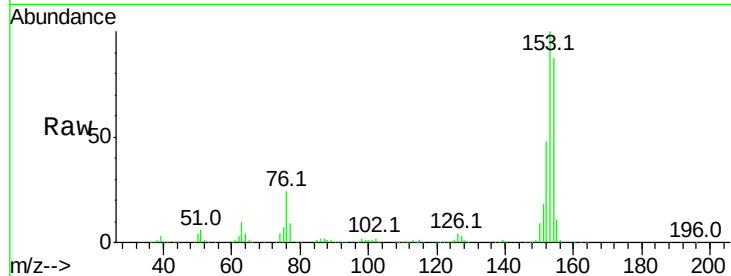
ClientSampleId :

PB97520BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.0	88.6	133.0
152	55.5	41.6	62.4

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#52

3-Nitroaniline

Concen: 7.96 ng

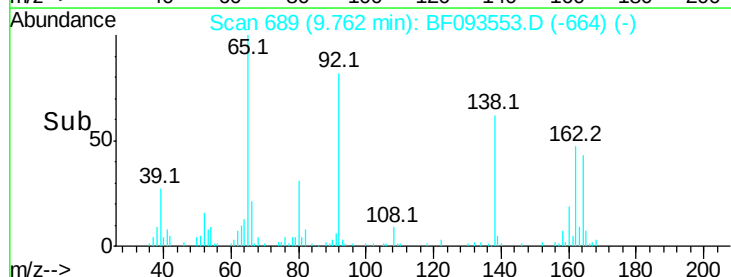
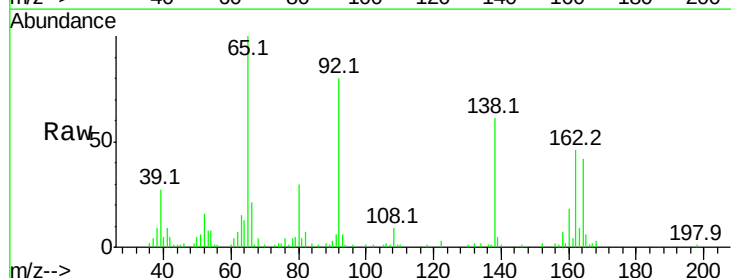
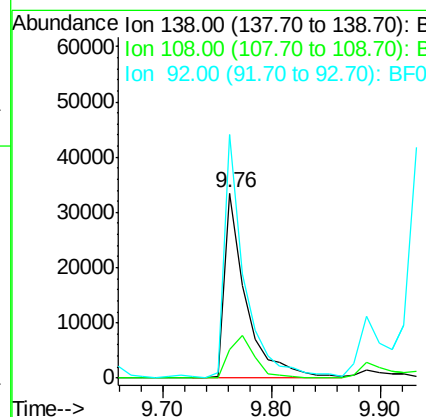
RT: 9.76 min Scan# 689

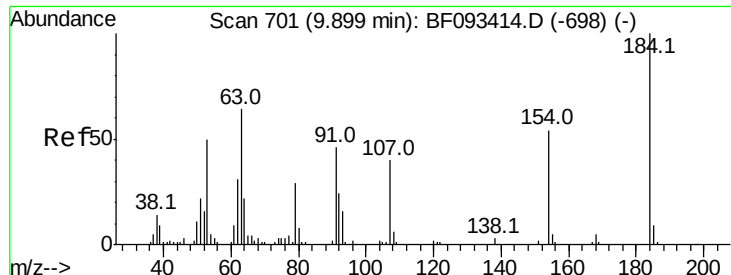
Delta R.T. -0.01 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Lower	Upper
138	100		
108	15.5	8.5	12.7#
92	131.6	97.8	146.8





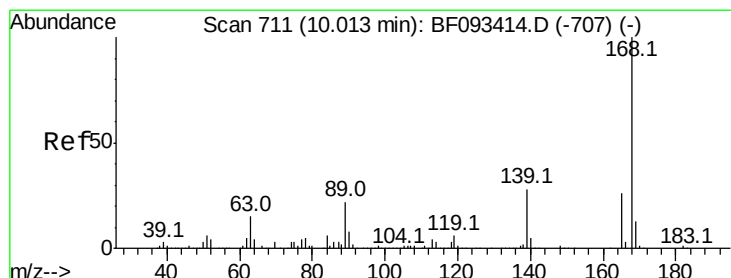
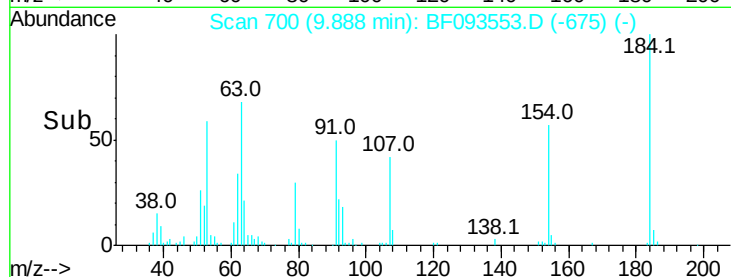
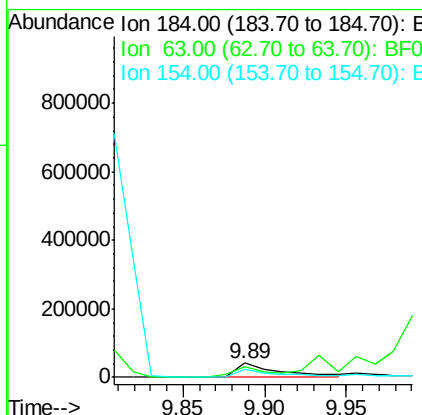
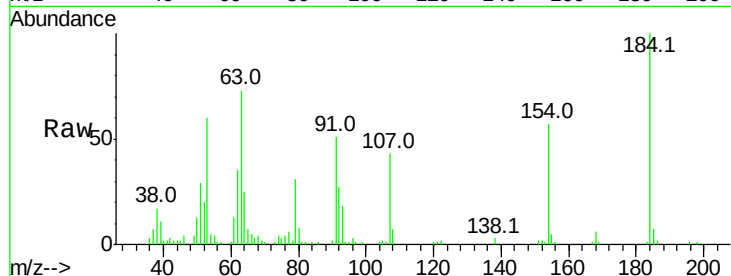
#53
2,4-Dinitrophenol
Concen: 34.80 ng
RT: 9.89 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Instrument :
BNA_F
ClientSampled :
PB97520BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	72.8	28.4	42.6#	
154	57.1	44.3	66.5	

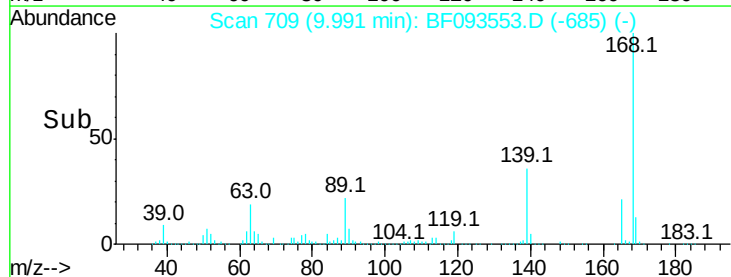
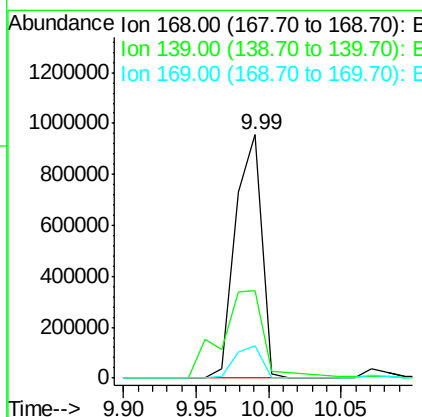
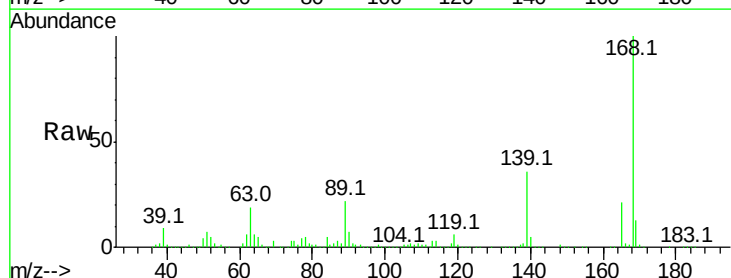
Manual Integrations
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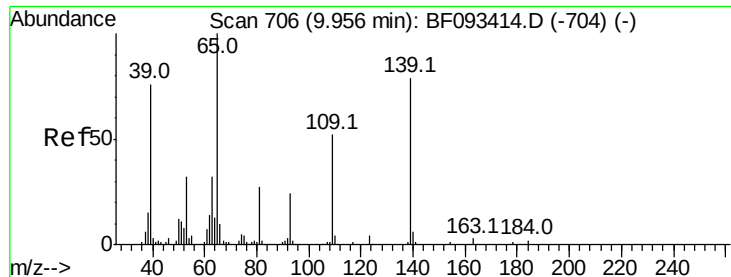
mohammad
3/13/2017 5:50:38 PM



#54
Dibenzofuran
Concen: 52.32 ng
RT: 9.99 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.1	32.6	49.0	
169	13.1	11.3	16.9	





#55

4-Nitrophenol

Concen: 64.11 ng/mL

RT: 9.96 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

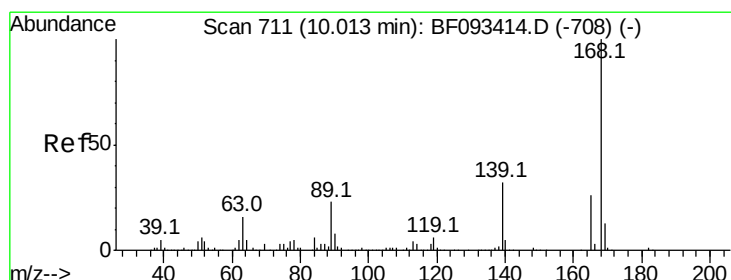
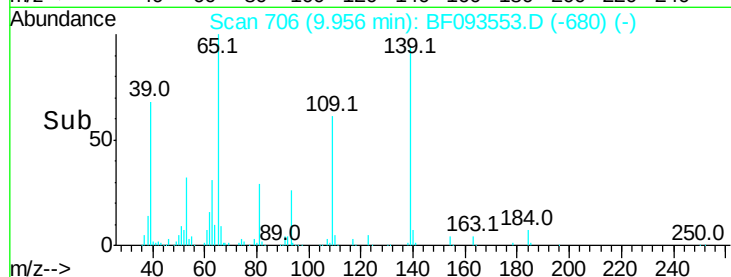
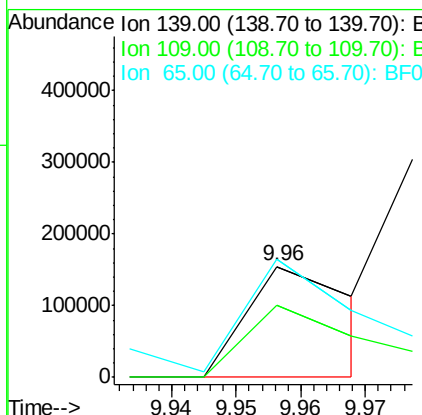
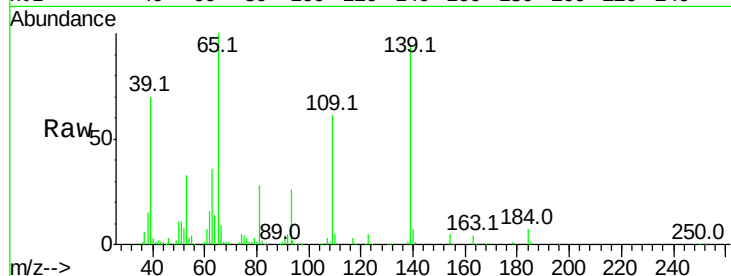
ClientSampled :

PB97520BS

Tot Ion:	139	Resp:	183316
Ion Ratio	Lower	Upper	
139	100		
109	64.7	52.2	92.2
65	106.5	85.8	125.8

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 49.27 ng/mL

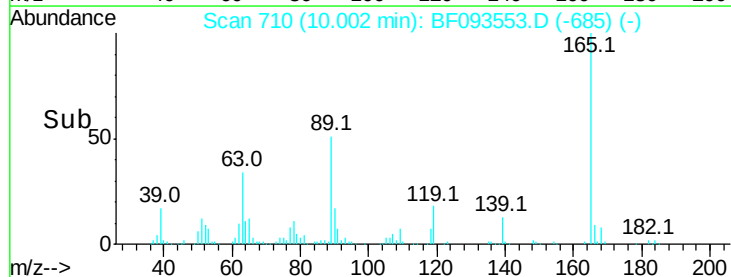
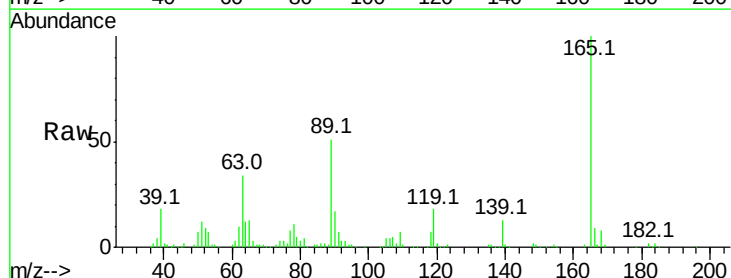
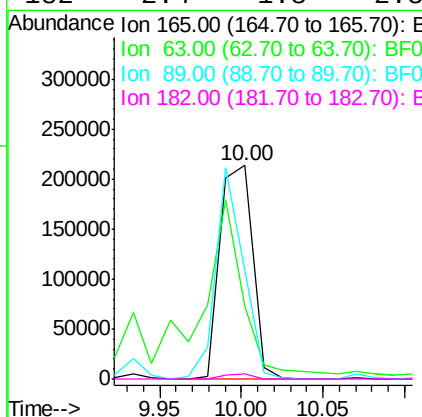
RT: 10.00 min Scan# 710

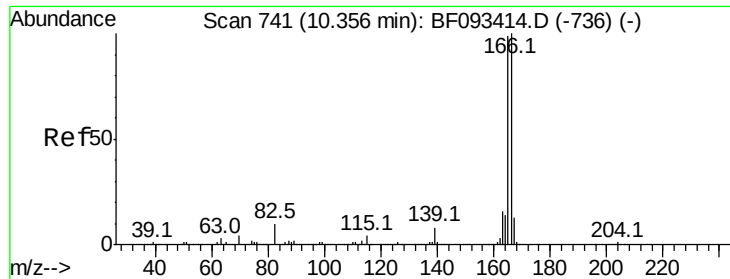
Delta R.T. -0.01 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Tgt Ion:	165	Resp:	296642
Ion Ratio	Lower	Upper	
165	100		
63	34.2	40.2	60.4#
89	50.9	62.5	93.7#
182	2.4	1.8	2.8





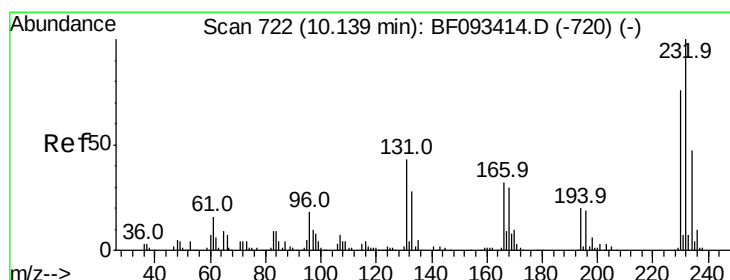
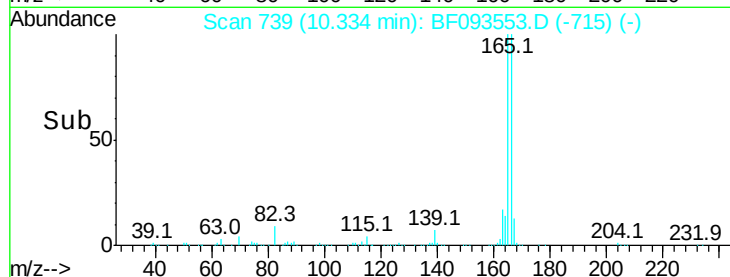
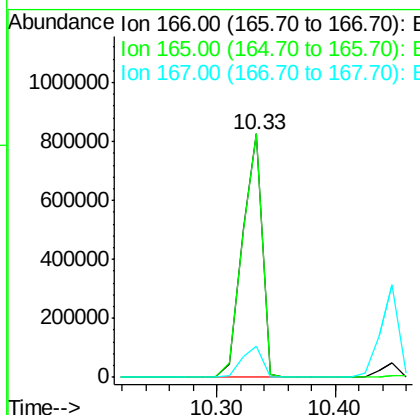
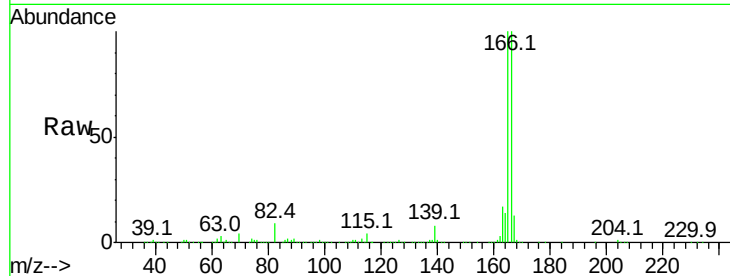
#57
 Fluorene
 Concen: 49.08 ng
 RT: 10.33 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Instrument :
 BNA_F
 ClientSampled :
 PB97520BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	953670		
165	99.8	77.8	116.8	
167	13.0	10.8	16.2	

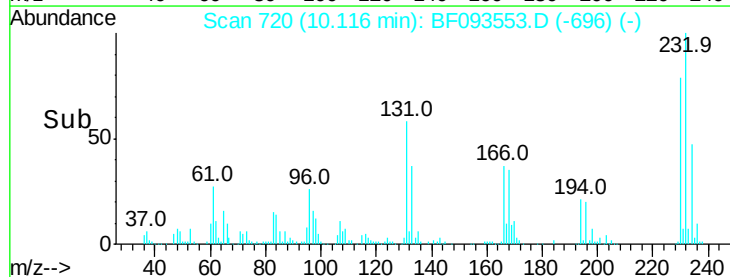
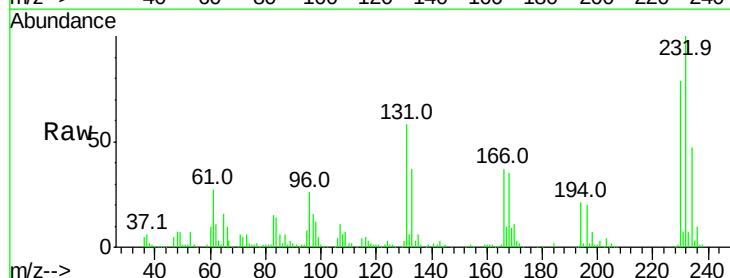
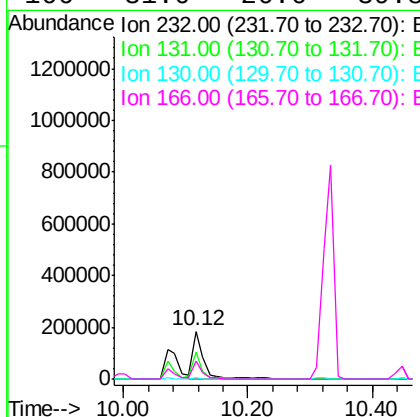
Manual Integrations
 APPROVED

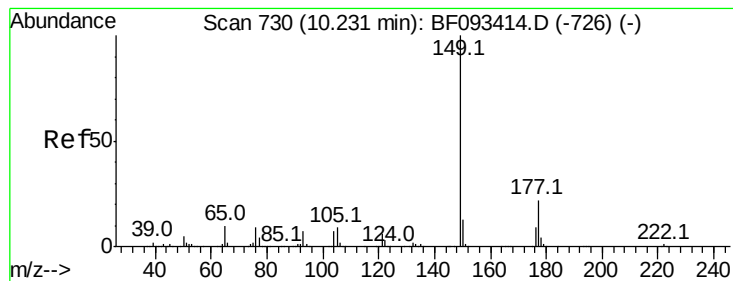
mohammad
 3/13/2017 5:50:38 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.65 ng
 RT: 10.12 min Scan# 720
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	224783		
131	45.8	40.1	60.1	
130	2.7	1.8	2.8	
166	31.0	26.6	39.8	





#59

Diethylphthalate

Concen: 46.94 ng

RT: 10.21 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampled :

PB97520BS

Tot Ion:149 Resp: 1002011

Ion Ratio Lower Upper

149 100

177 21.5 16.6 25.0

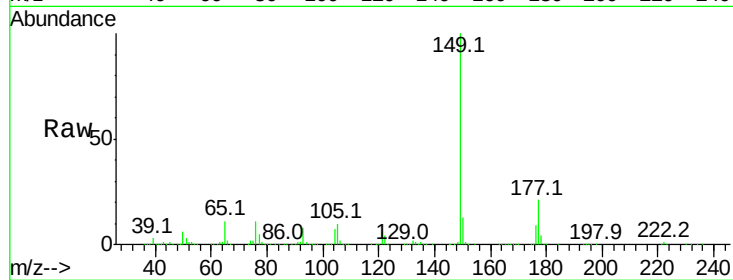
150 12.7 10.4 15.6

Manual Integrations

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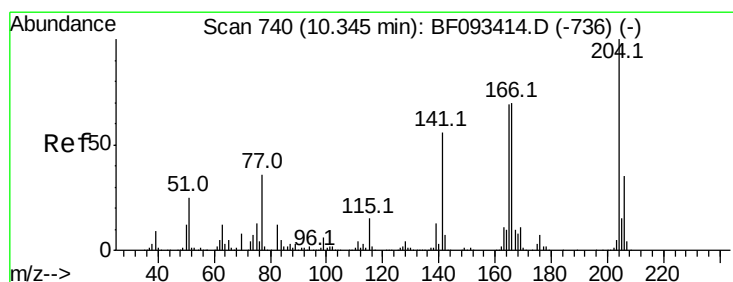
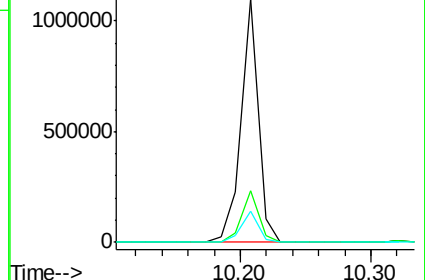
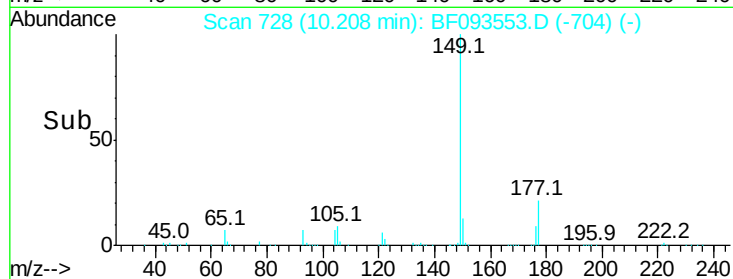
3/13/2017 5:50:38 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 51.99 ng

RT: 10.32 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

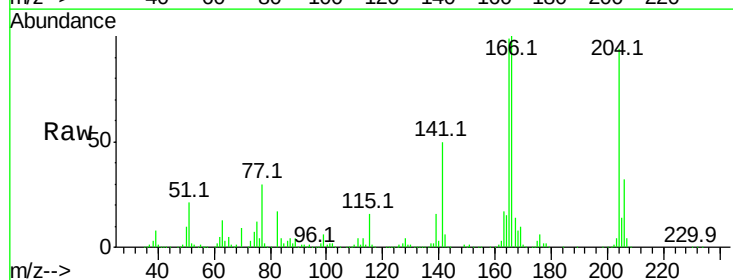
Tgt Ion:204 Resp: 452773

Ion Ratio Lower Upper

204 100

206 33.8 25.8 38.6

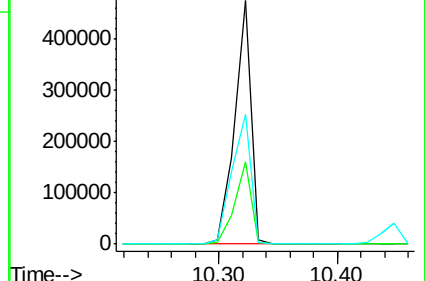
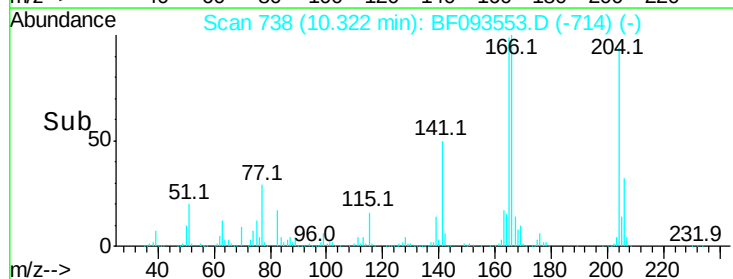
141 53.3 59.4 89.0#

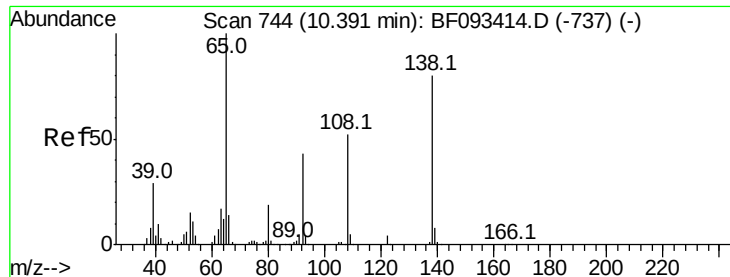


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





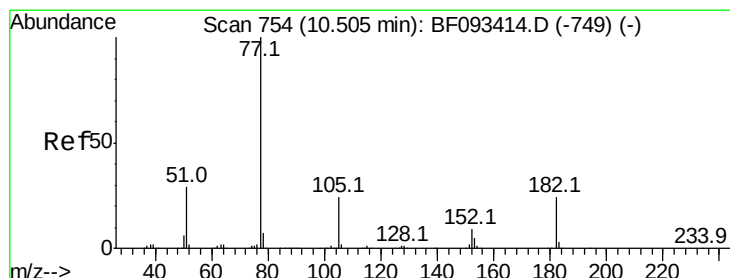
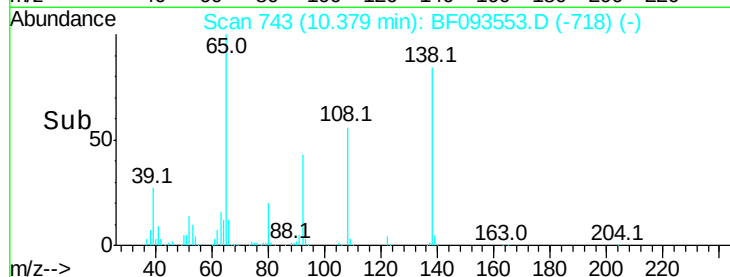
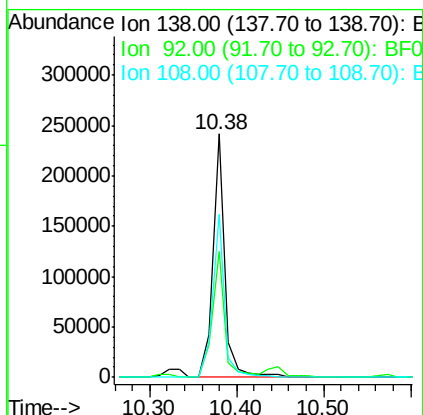
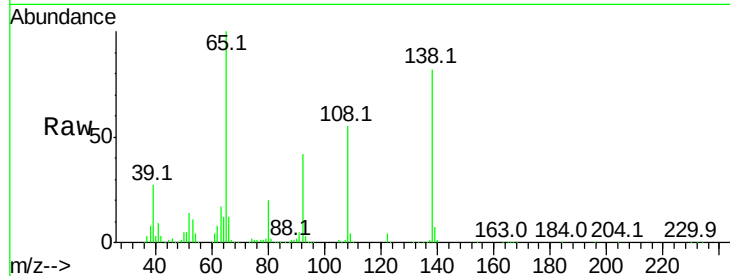
#61
4-Nitroaniline
Concen: 38.99 ng
RT: 10.38 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Instrument :
BNA_F
ClientSampleId :
PB97520BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.7	31.7	71.7
108	66.7	52.6	92.6

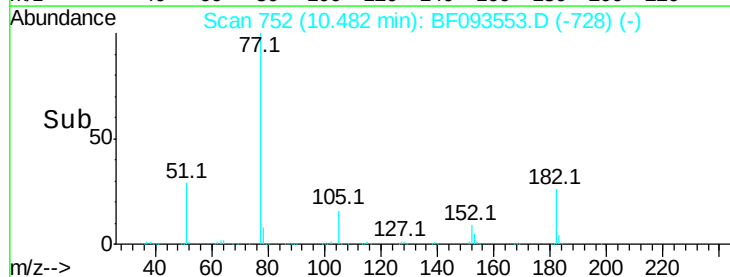
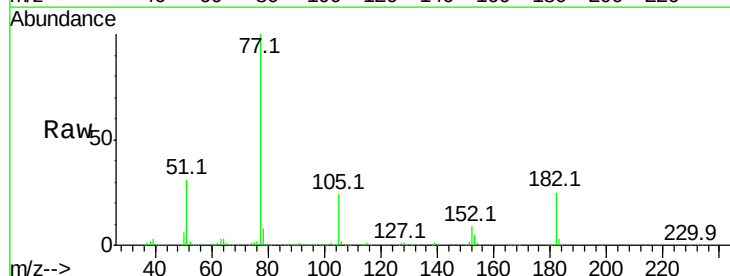
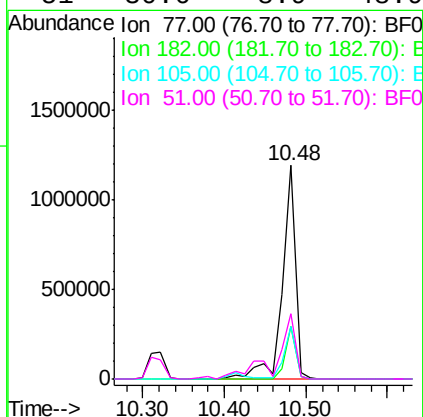
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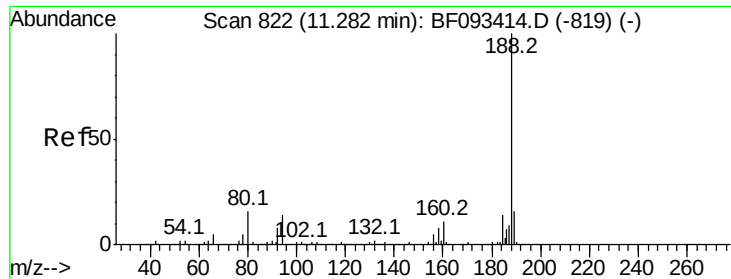
mohammad
3/13/2017 5:50:38 PM



#62
Azobenzene
Concen: 54.25 ng
RT: 10.48 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.7	0.0	39.3
105	24.4	2.3	42.3
51	30.6	8.9	48.9





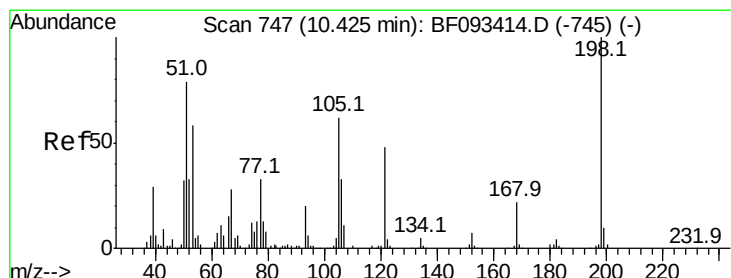
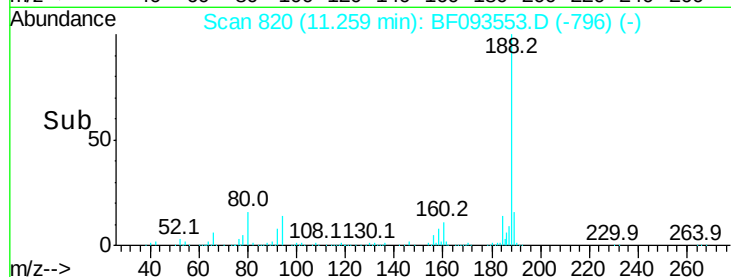
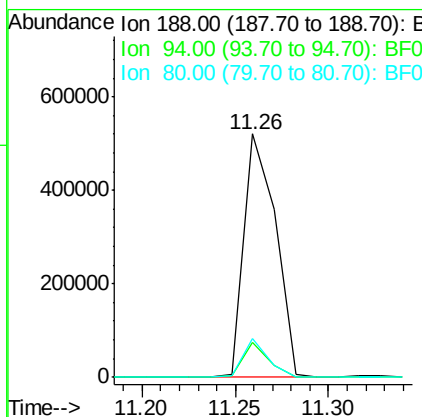
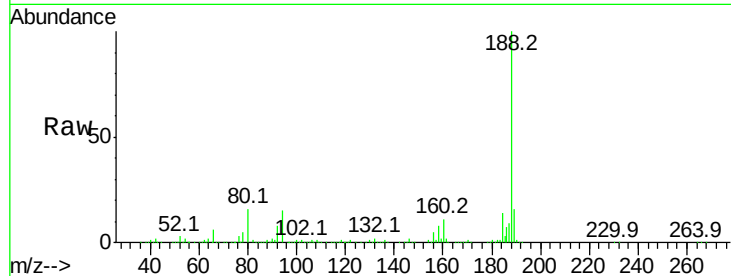
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Instrument :
BNA_F
ClientSampleId :
PB97520BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	615082		
94	14.6	10.0	15.0	
80	16.0	11.2	16.8	

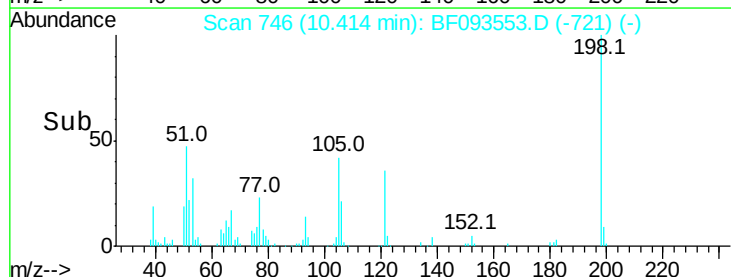
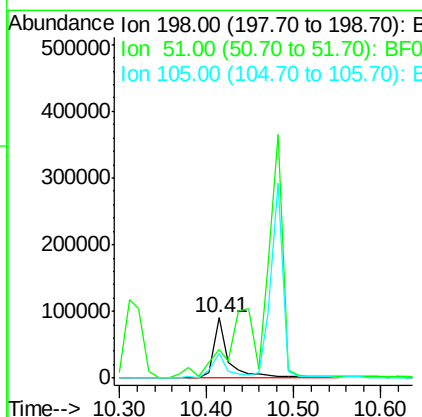
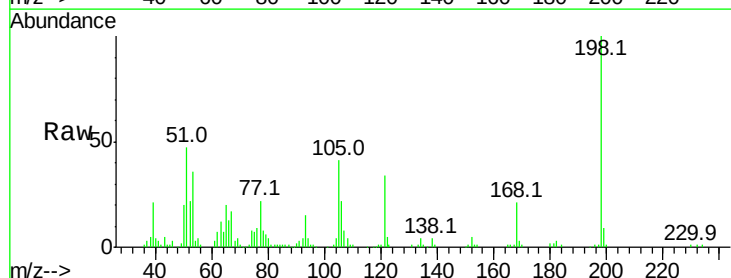
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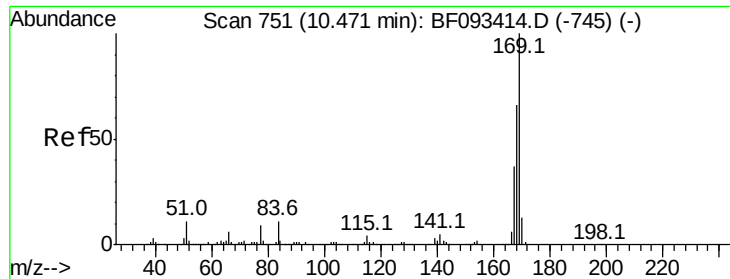
mohammad
3/13/2017 5:50:38 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 29.36 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	116988		
51	46.7	6.7	46.7	
105	40.6	16.6	56.6	





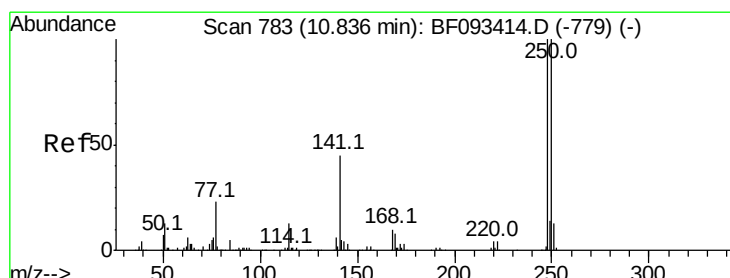
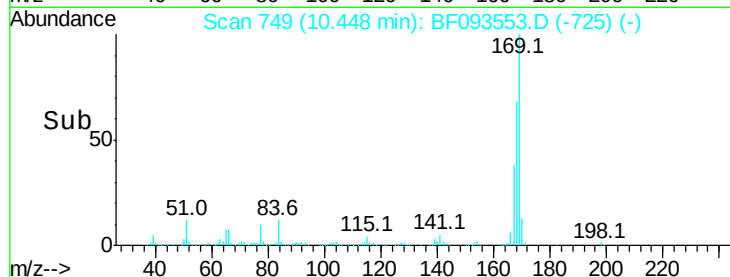
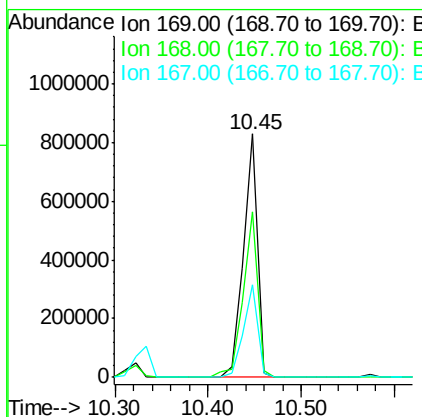
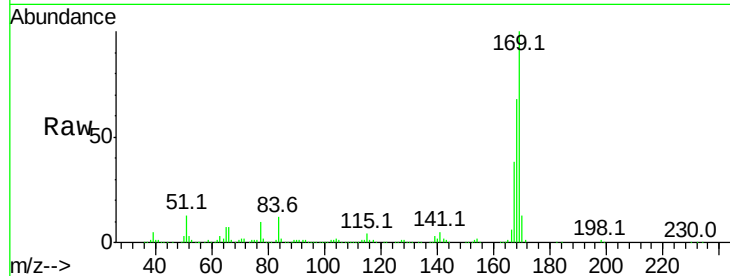
#65
n-Nitrosodiphenylamine
Concen: 42.32 ng
RT: 10.45 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Instrument :
BNA_F
ClientSampleId :
PB97520BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	869181		
168	67.9	54.2	81.2	
167	38.0	30.2	45.4	

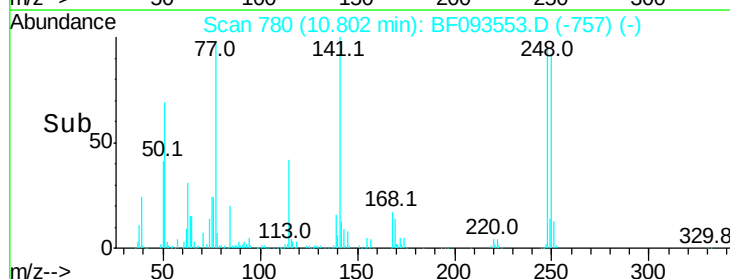
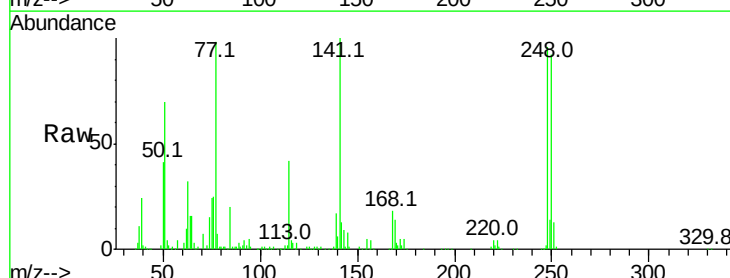
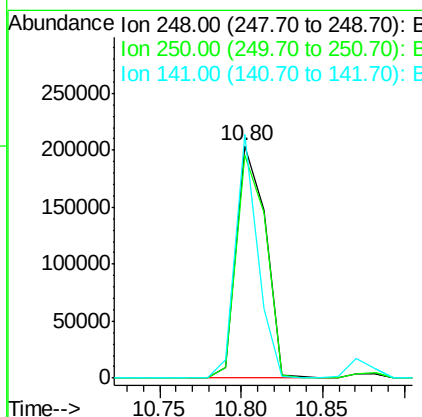
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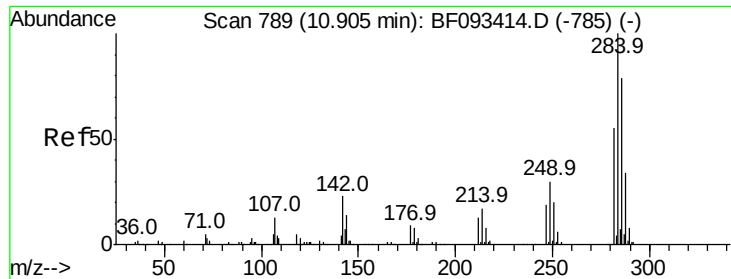
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 38.63 ng
RT: 10.80 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	251242		
250	96.1	76.9	115.3	
141	104.7	68.2	102.4#	





#67

Hexachlorobenzene

Concen: 42.14 ng

RT: 10.88 min Scan# 787

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

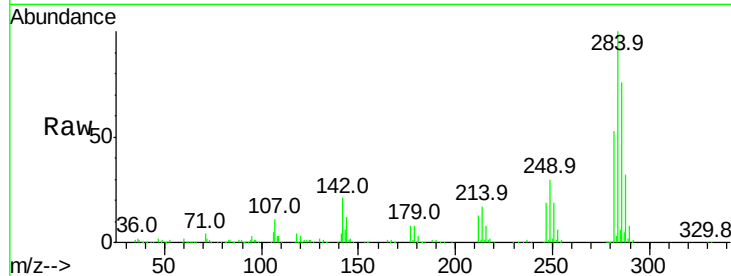
ClientSampleId :

PB97520BS

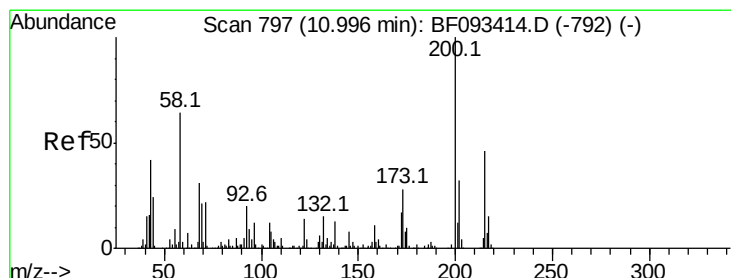
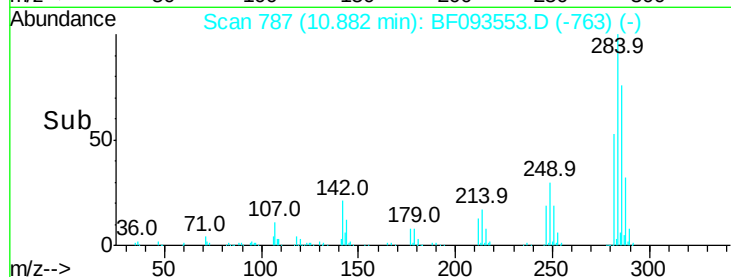
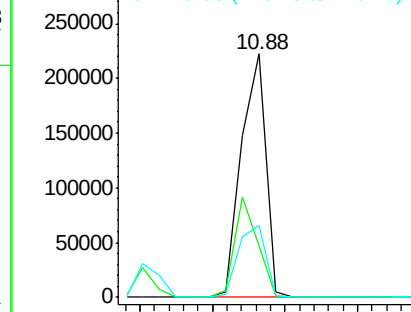
Tot Ion:	284	Resp:	261696
Ion Ratio		Lower	Upper
284	100		
142	21.4	22.6	33.8#
249	29.5	25.4	38.0

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.35 ng

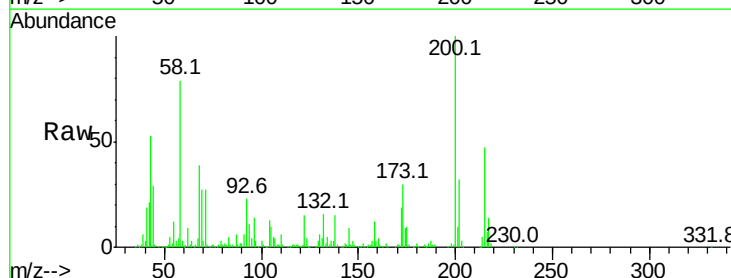
RT: 10.97 min Scan# 795

Delta R.T. -0.02 min

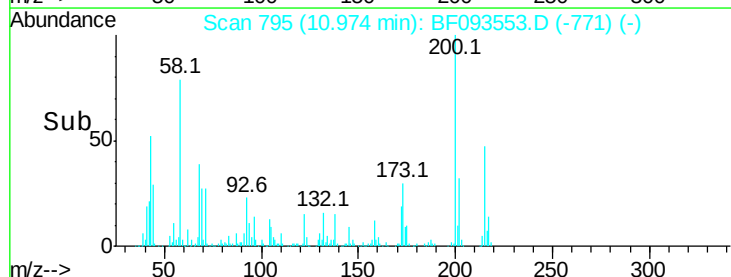
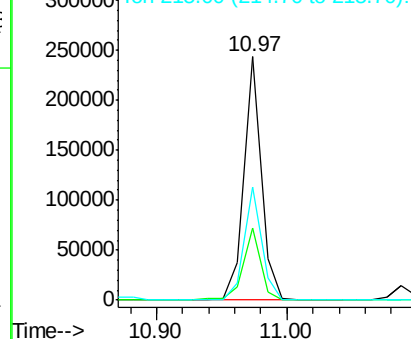
Lab File: BF093553.D

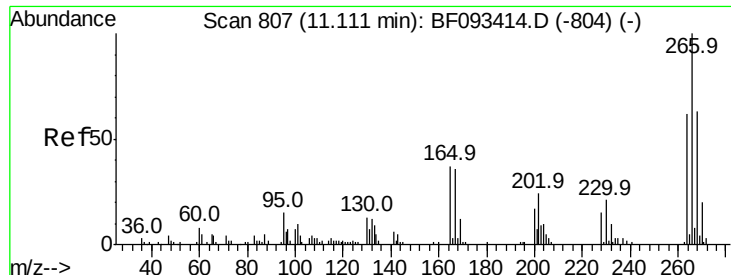
Acq: 11 Mar 2017 5:50

Tgt Ion:	200	Resp:	224523
Ion Ratio		Lower	Upper
200	100		
173	29.5	9.6	49.6
215	46.6	25.7	65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





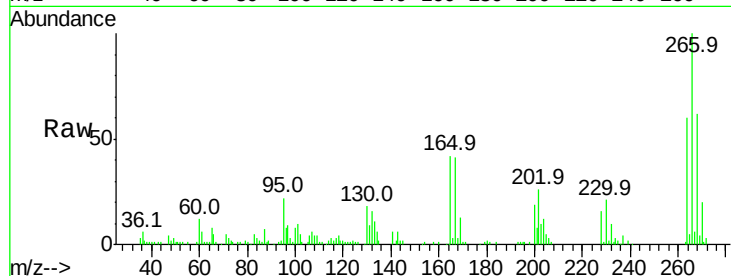
#69
 Pentachlorophenol
 Concen: 43.33 ng
 RT: 11.09 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Instrument :
 BNA_F
 ClientSampleId :
 PB97520BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	92921		
268	61.8	53.3	79.9	
264	59.8	50.3	75.5	

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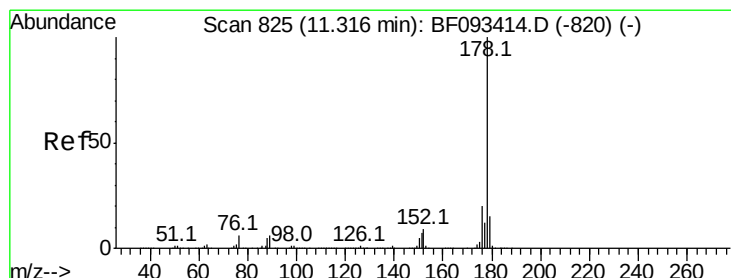
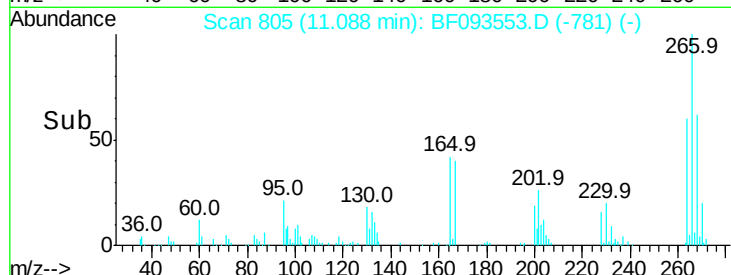
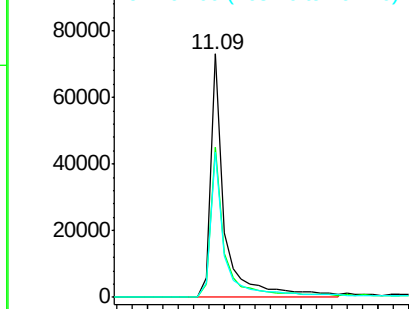


Abundance

Ion 265.70 (265.40 to 266.40): E

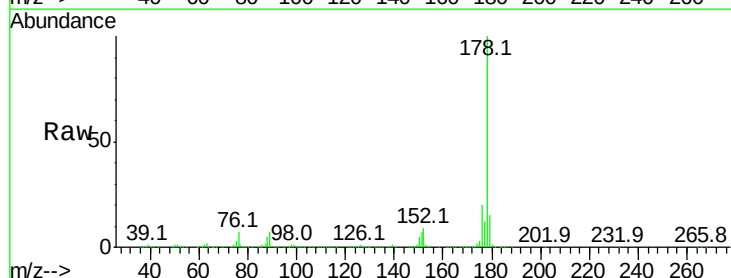
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 40.59 ng
 RT: 11.29 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1425153		
176	19.8	16.6	25.0	
179	15.5	12.8	19.2	

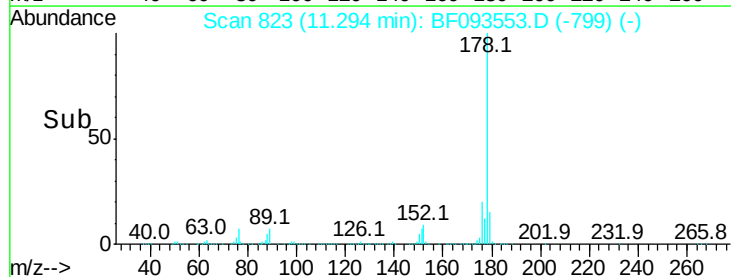
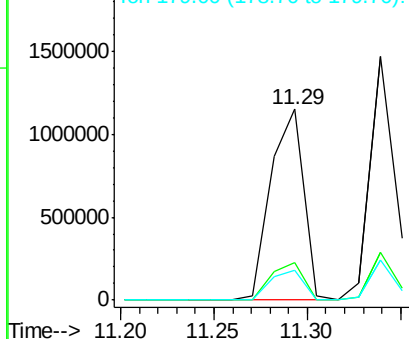


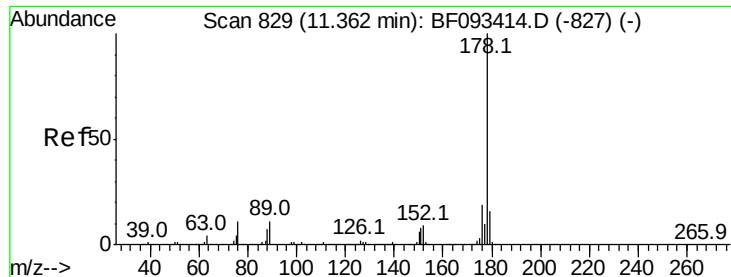
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 38.50 ng

RT: 11.34 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampleId :

PB97520BS

Tot Ion:178 Resp: 1367429

Ion Ratio Lower Upper

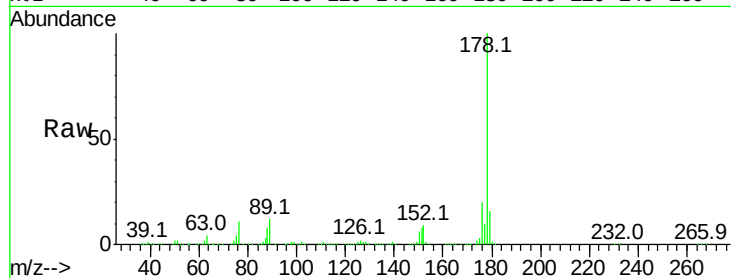
178 100

176 19.9 15.9 23.9

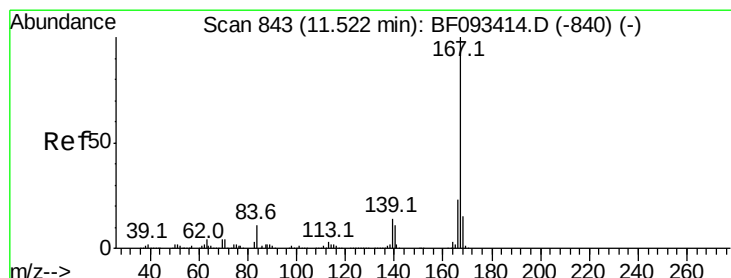
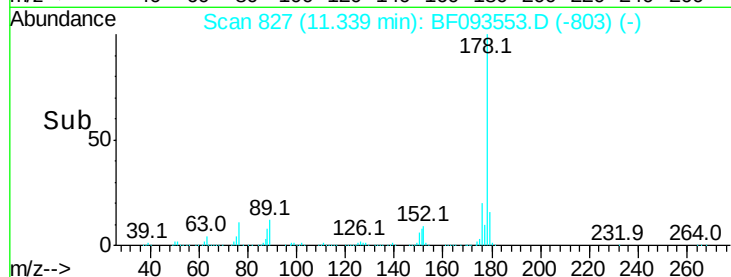
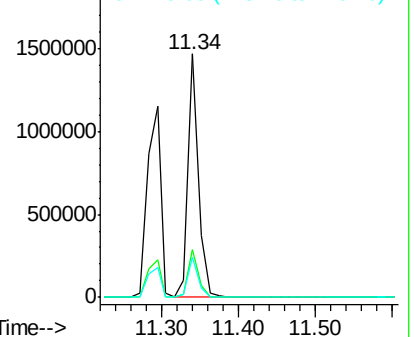
179 16.3 13.2 19.8

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Abundance Ion 178.00 (177.70 to 178.70): E
2000000
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.98 ng

RT: 11.51 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

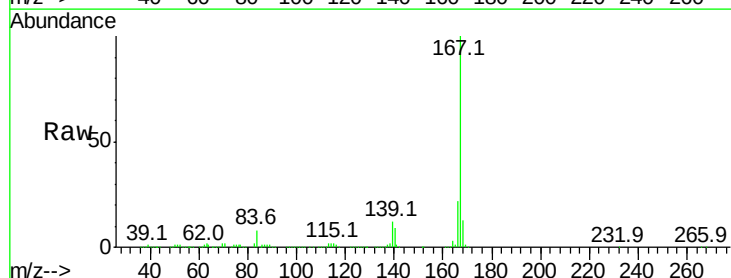
Tgt Ion:167 Resp: 1367375

Ion Ratio Lower Upper

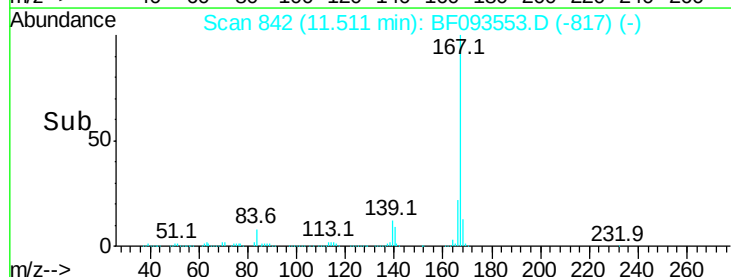
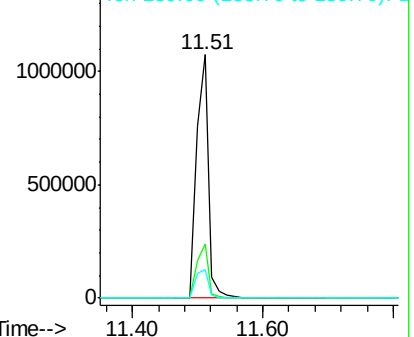
167 100

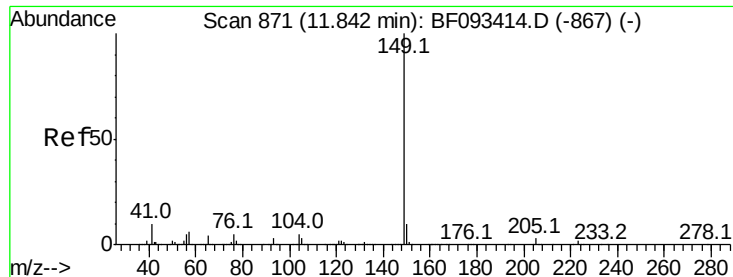
166 22.1 18.2 27.2

139 11.7 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E
1500000
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.19 ng

RT: 11.82 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

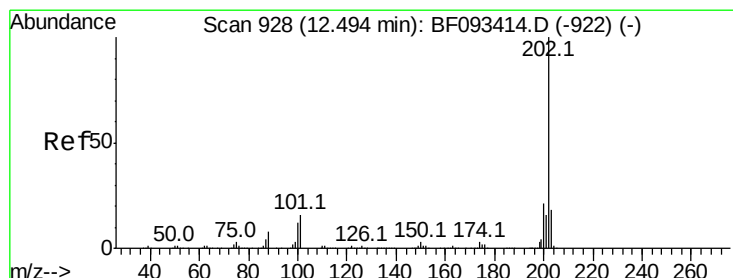
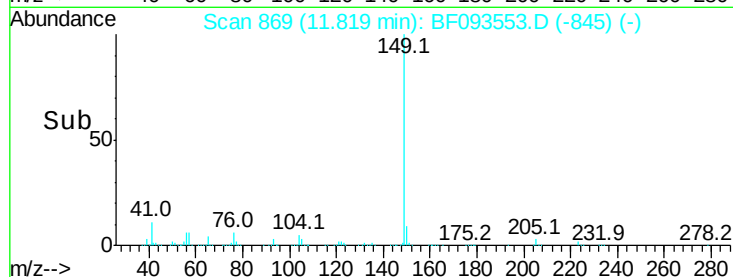
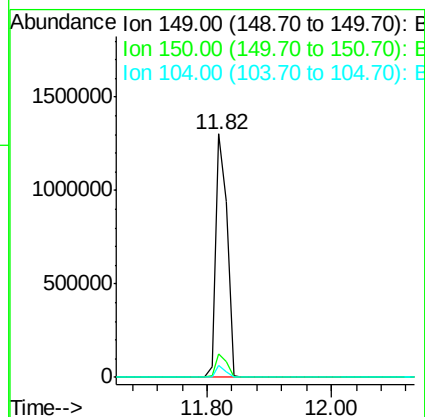
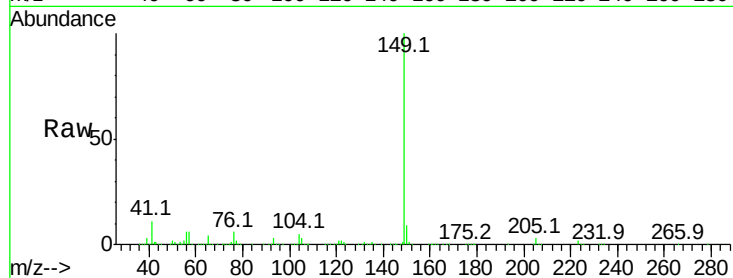
ClientSampleId :

PB97520BS

Tot Ion:	149	Resp:	1589947
Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.1	12.1
104	5.1	4.6	7.0

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#74

Fluoranthene

Concen: 41.83 ng

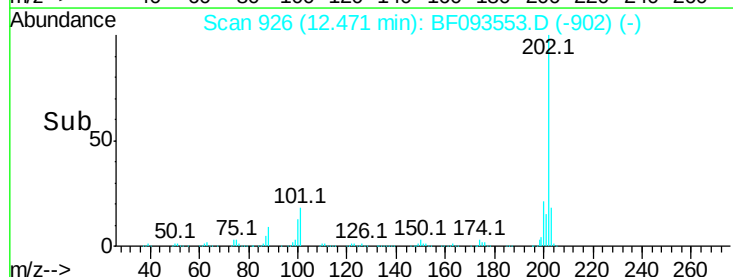
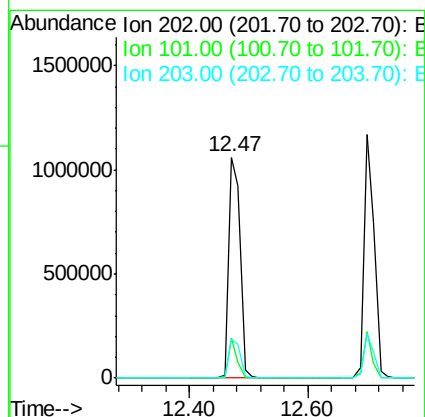
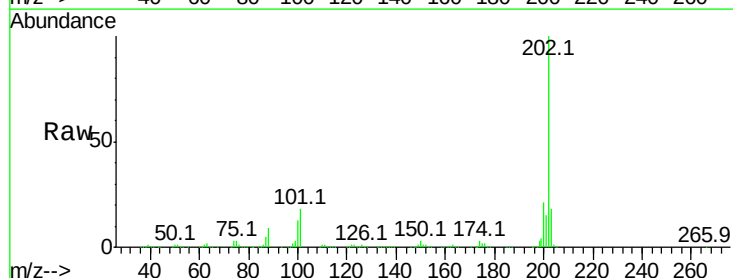
RT: 12.47 min Scan# 926

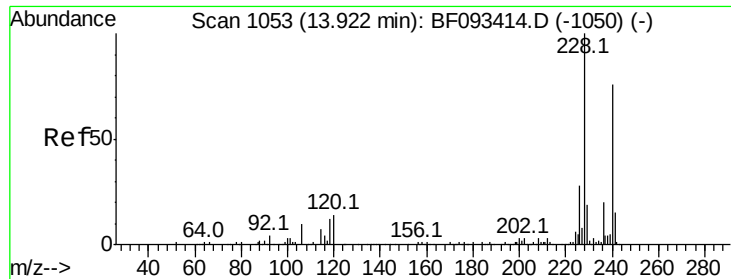
Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Tgt Ion:	202	Resp:	1418439
Ion	Ratio	Lower	Upper
202	100		
101	18.0	0.0	34.6
203	17.7	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

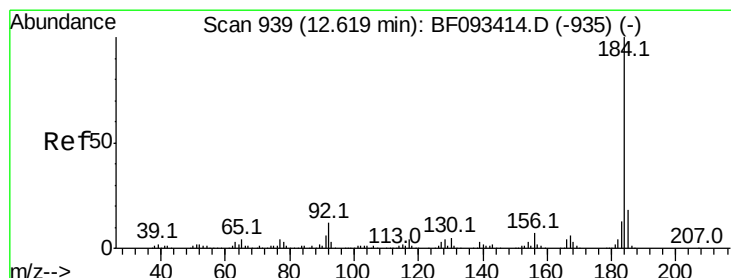
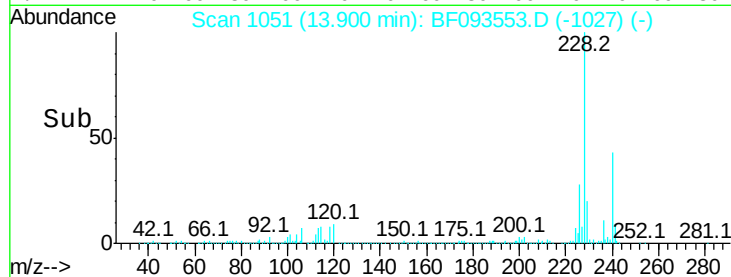
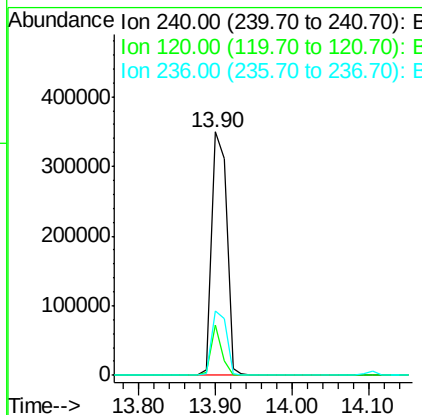
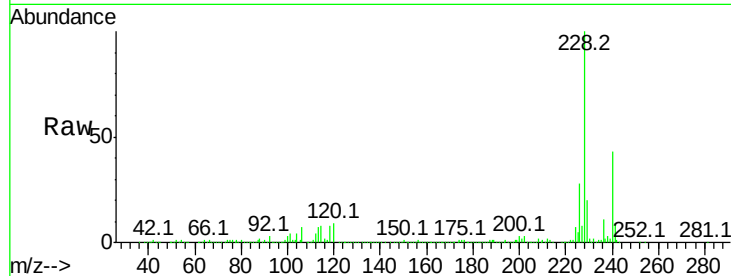
ClientSampleId :

PB97520BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	20.4	12.9	19.3#
236	26.5	20.9	31.3

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#76

Benzidine

Concen: 9.13 ng

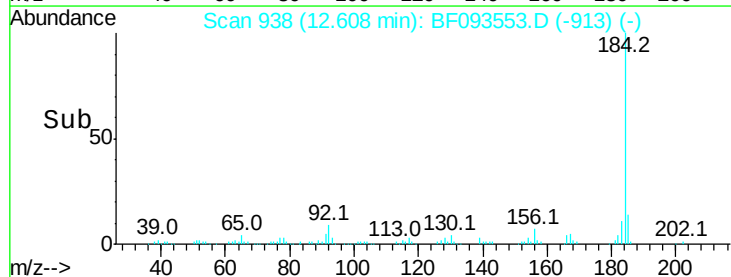
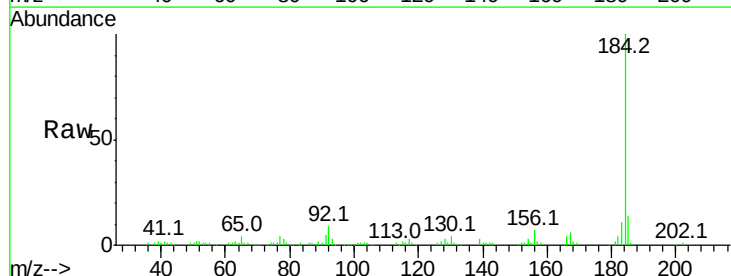
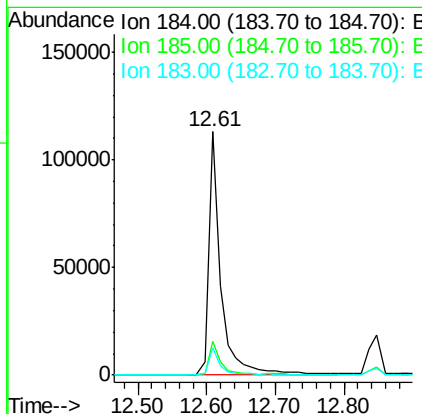
RT: 12.61 min Scan# 938

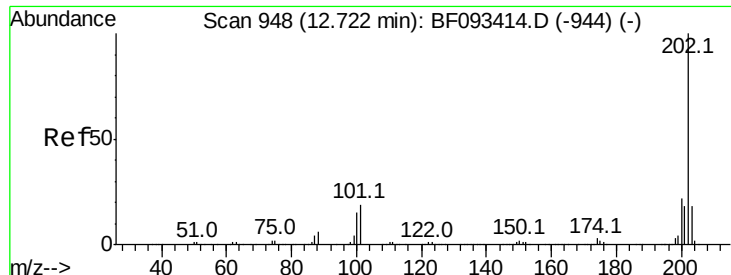
Delta R.T. -0.01 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	13.4	20.0
183	11.4	9.2	13.8





#77

Pvrene

Concen: 40.27 ng

RT: 12.70 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampleId :

PB97520BS

Tot Ion:202 Resp: 1378654

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

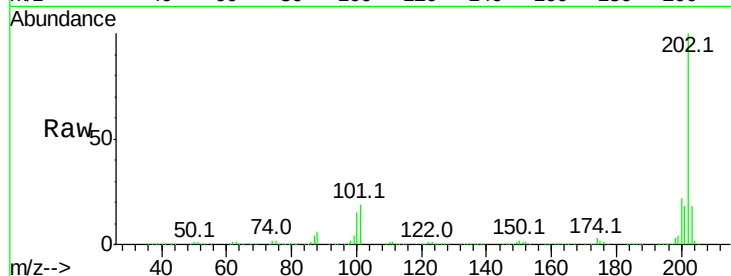
203 18.2 14.7 22.1

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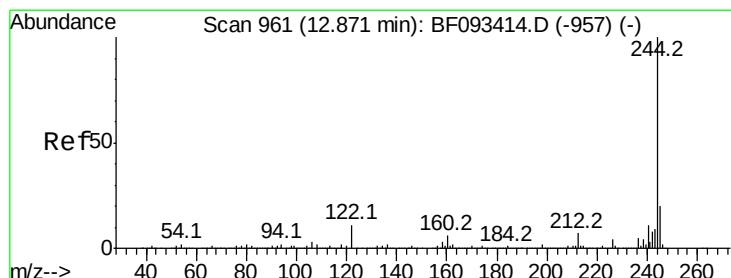
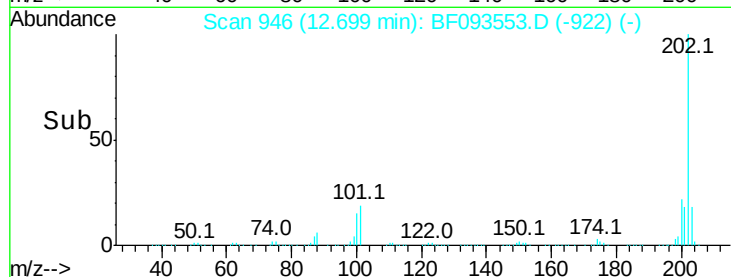
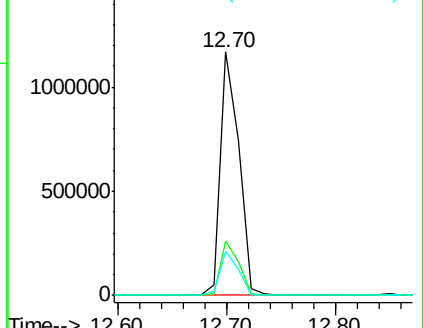
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.20 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

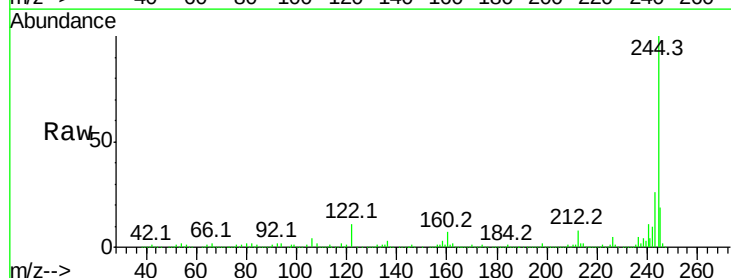
Tgt Ion:244 Resp: 1560949

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

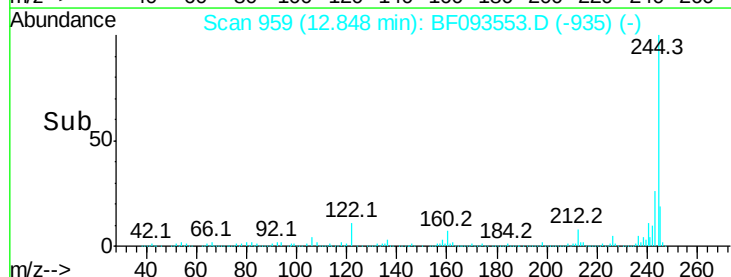
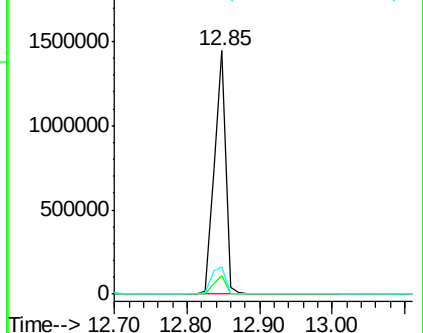
122 11.0 11.4 17.2#

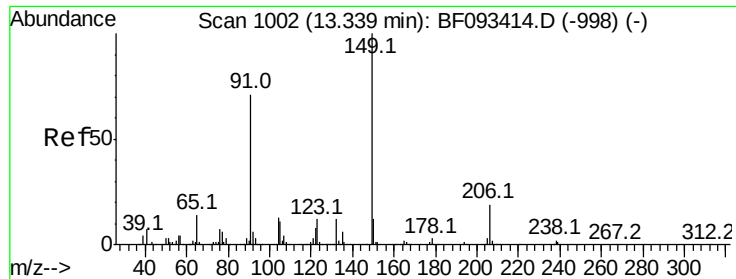


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





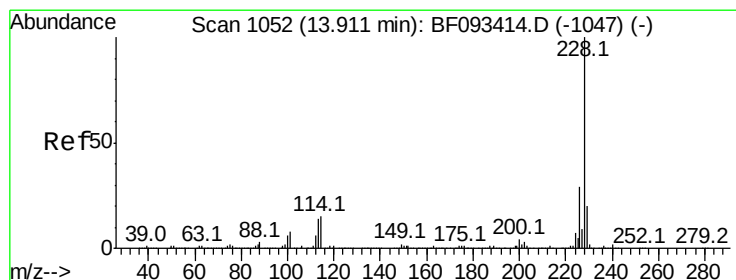
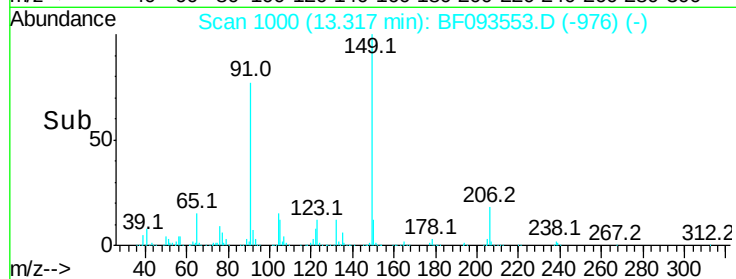
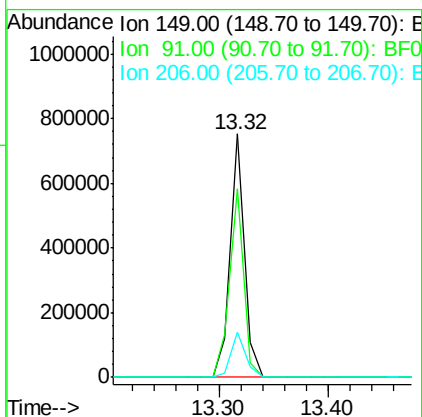
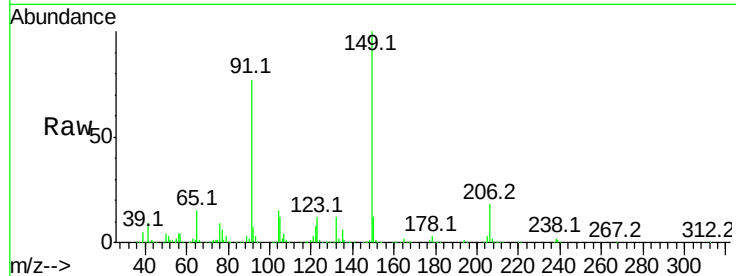
#79
Butylbenzylphthalate
Concen: 47.04 ng
RT: 13.32 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Instrument :
BNA_F
ClientSampleID :
PB97520BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.4	63.9	95.9
206	18.4	14.6	21.8

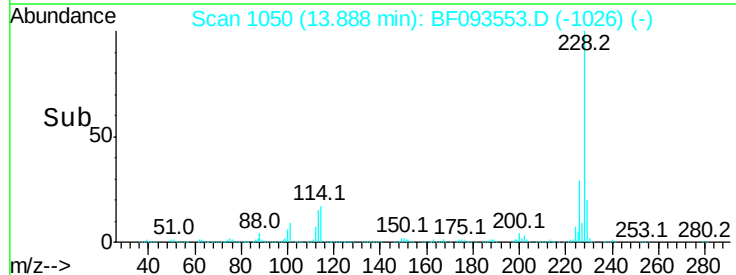
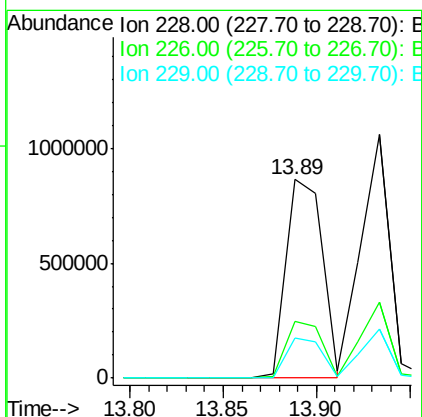
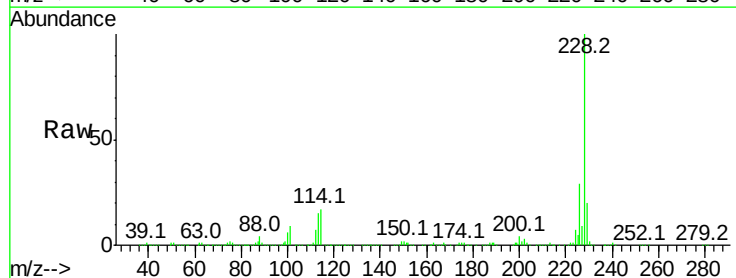
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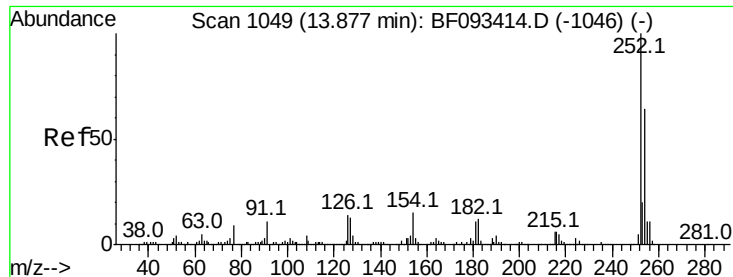
mohammad
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#80
Benzo(a)anthracene
Concen: 42.36 ng
RT: 13.89 min Scan# 1050
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.4	33.6
229	20.2	16.2	24.4





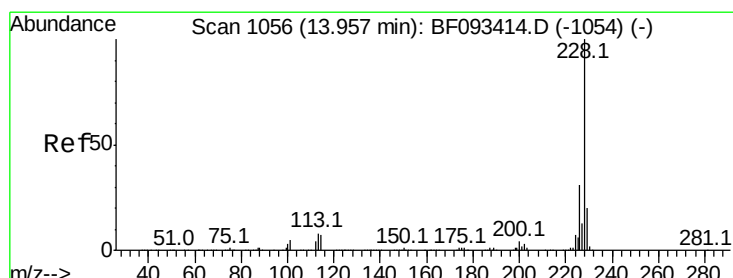
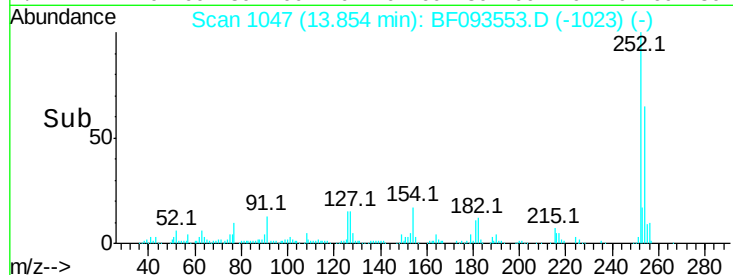
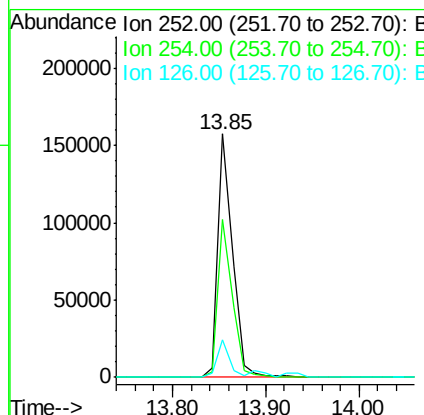
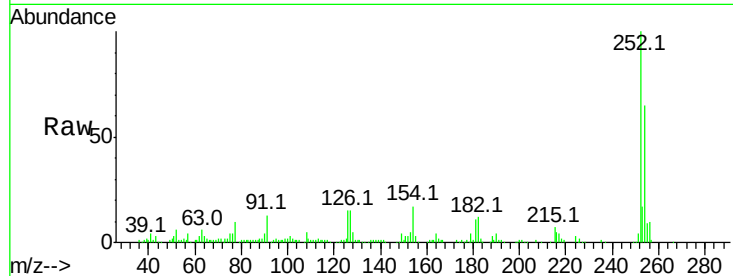
#81
 3,3'-Dichlorobenzidine
 Concen: 17.54 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Instrument :
 BNA_F
 ClientSampleId :
 PB97520BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	170821		
254	64.9	52.3	78.5	
126	15.2	13.6	20.4	

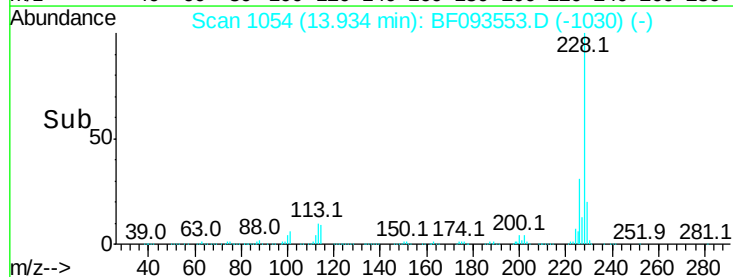
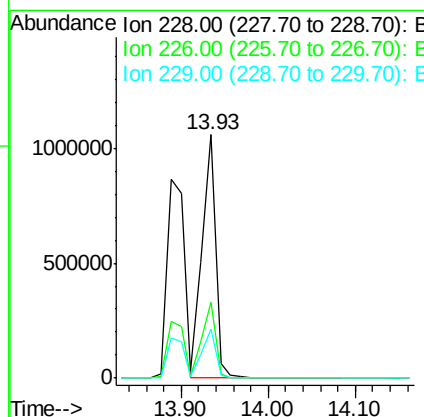
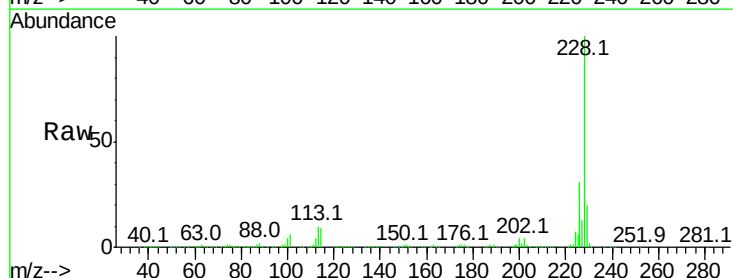
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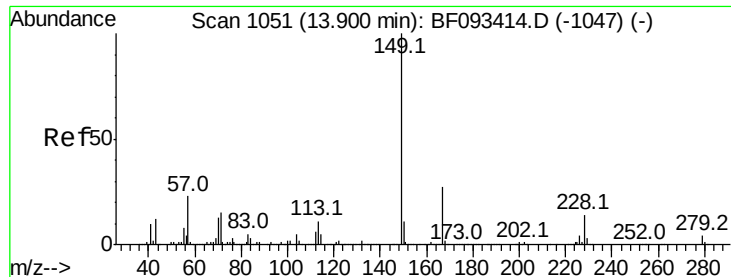
mohammad
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#82
 Chrysene
 Concen: 44.15 ng
 RT: 13.93 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1135630		
226	31.4	25.4	38.0	
229	19.9	16.2	24.2	





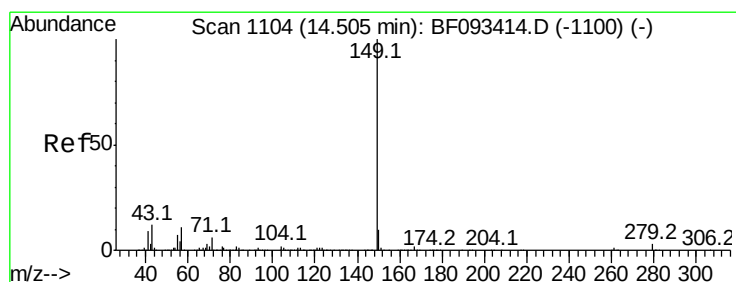
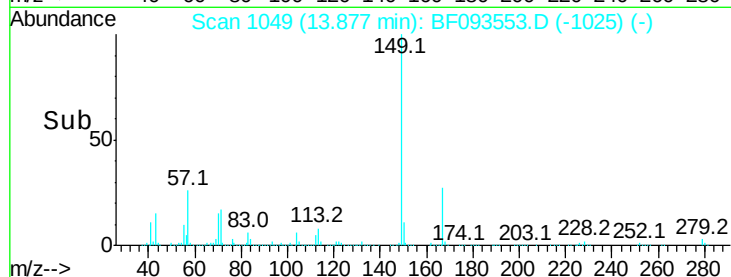
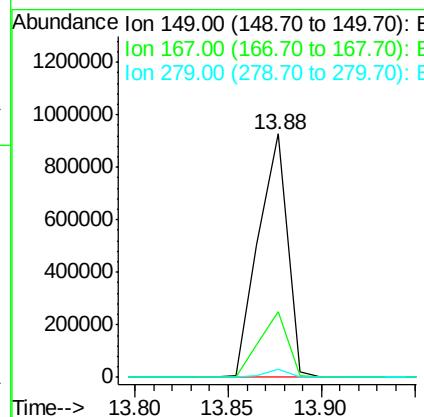
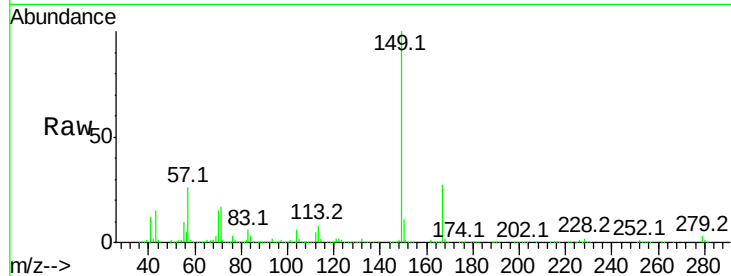
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.82 ng
 RT: 13.88 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Instrument :
 BNA_F
 ClientSampleId :
 PB97520BS

Tot Ion:149 Resp: 1000928
 Ion Ratio Lower Upper
 149 100
 167 27.0 20.2 30.4
 279 3.4 1.8 2.8#

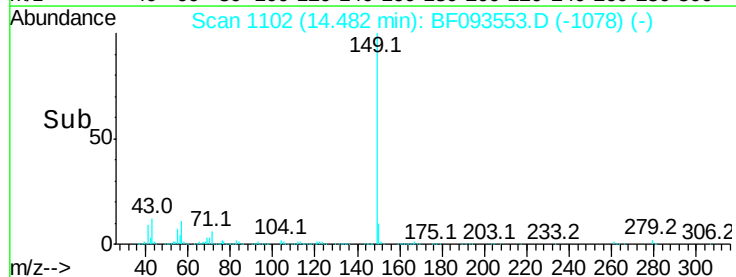
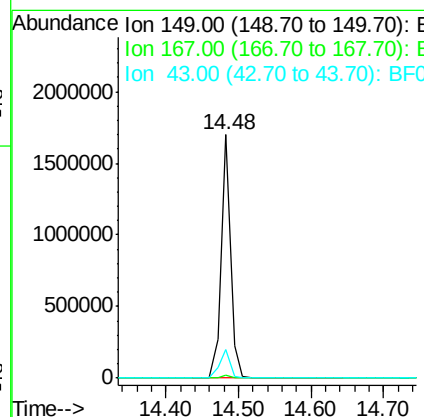
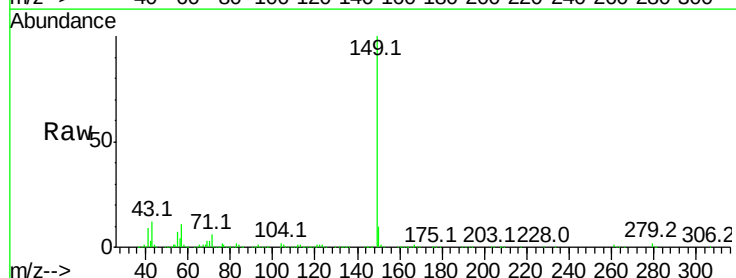
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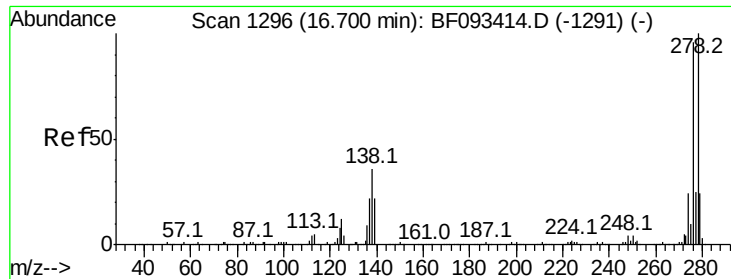
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 45.52 ng
 RT: 14.48 min Scan# 1102
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Tgt Ion:149 Resp: 1524087
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 12.8 8.9 13.3





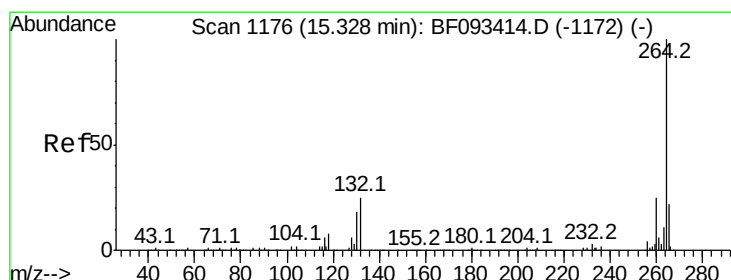
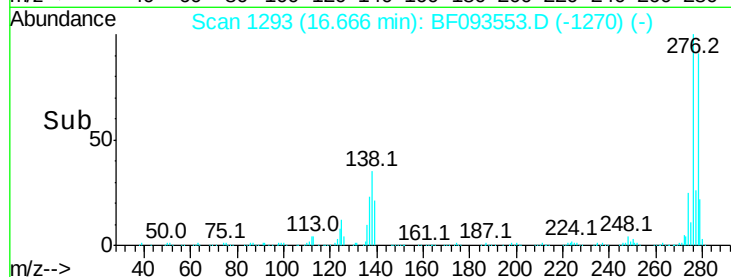
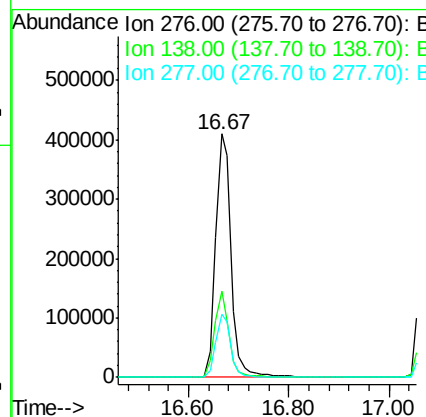
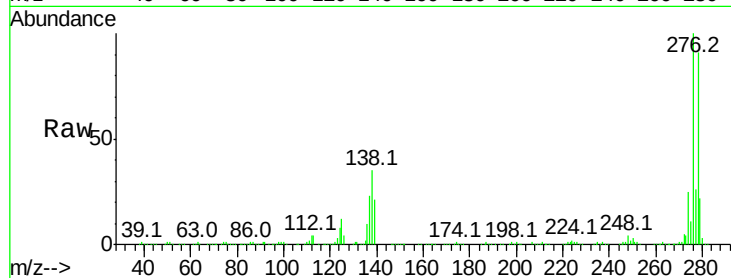
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.53 ng
 RT: 16.67 min Scan# 1293
 Delta R.T. -0.03 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Instrument :
 BNA_F
 ClientSampled :
 PB97520BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.2	21.8	32.6
277	25.1	20.2	30.4

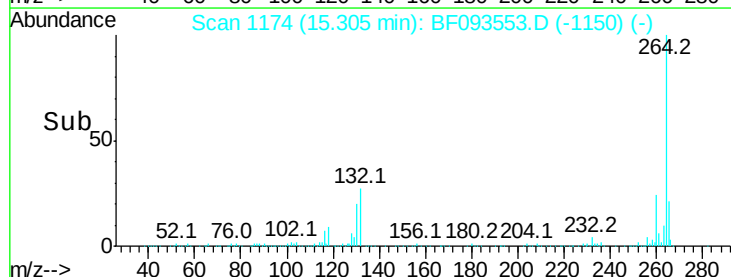
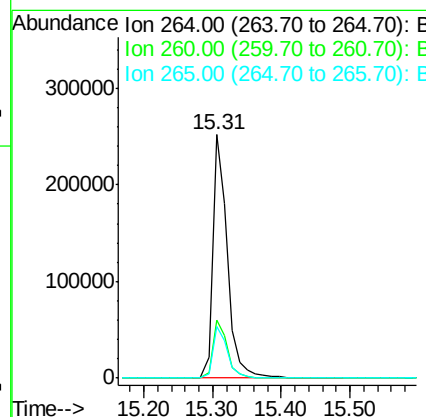
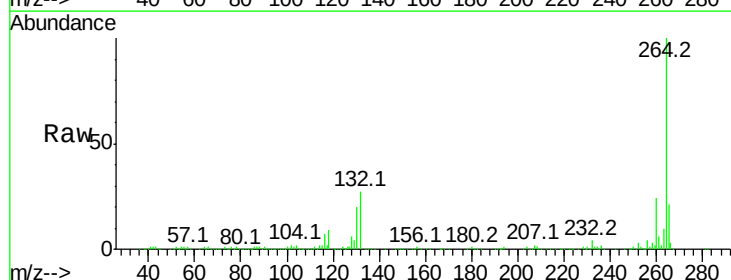
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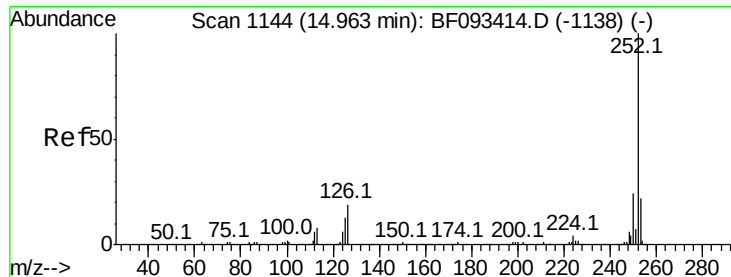
mohammad
 3/13/2017 5:50:38 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 45.37 ng m

RT: 14.92 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

Instrument :

BNA_F

ClientSampled :

PB97520BS

Tot Ion:252 Resp: 1026635

Ion Ratio Lower Upper

252 100

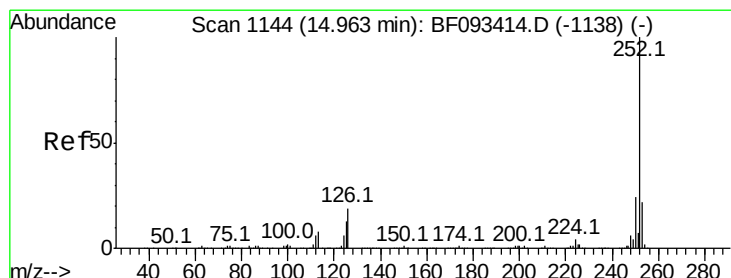
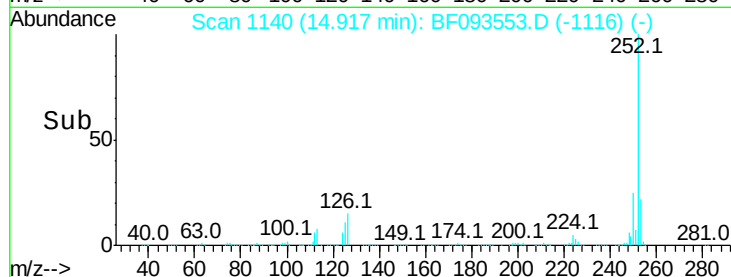
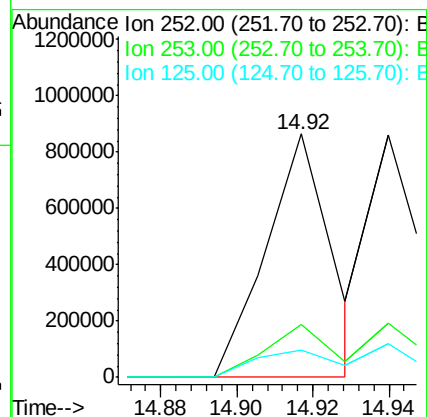
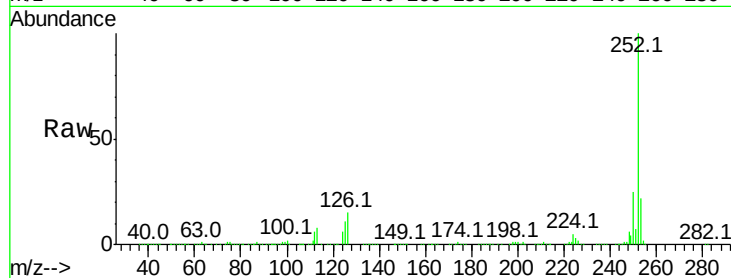
253 21.9 18.2 27.4

125 11.1 9.8 14.6

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#88

Benzo(k)fluoranthene

Concen: 40.17 ng m

RT: 14.94 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF093553.D

Acq: 11 Mar 2017 5:50

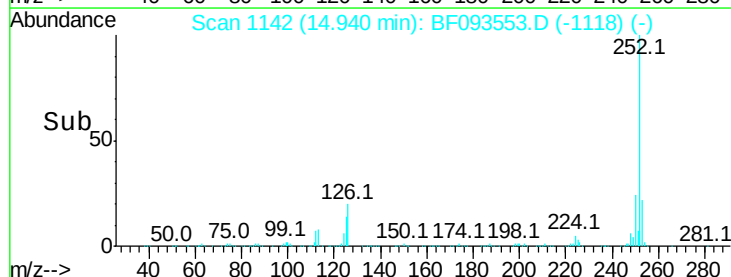
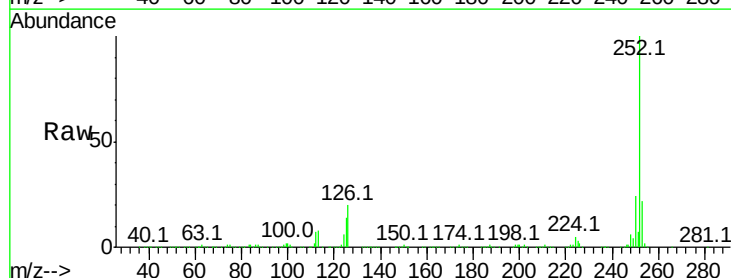
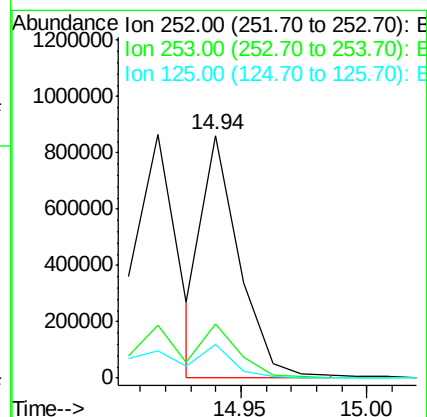
Tgt Ion:252 Resp: 876572

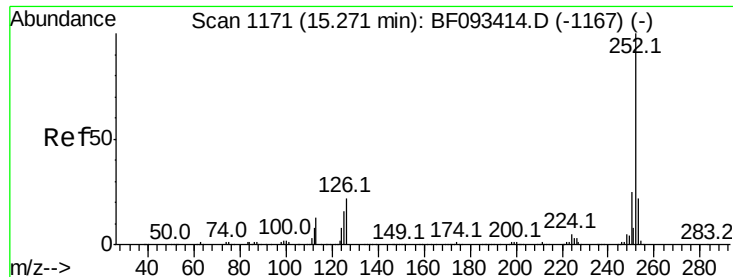
Ion Ratio Lower Upper

252 100

253 22.4 18.5 27.7

125 13.7 8.9 13.3#





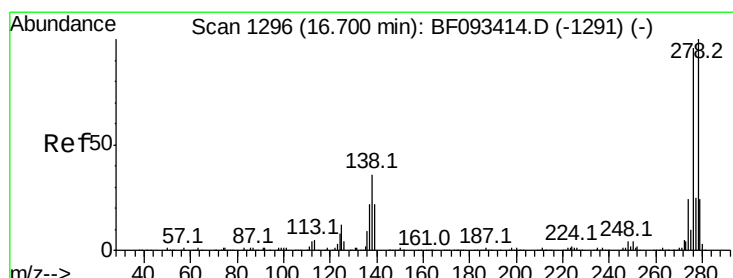
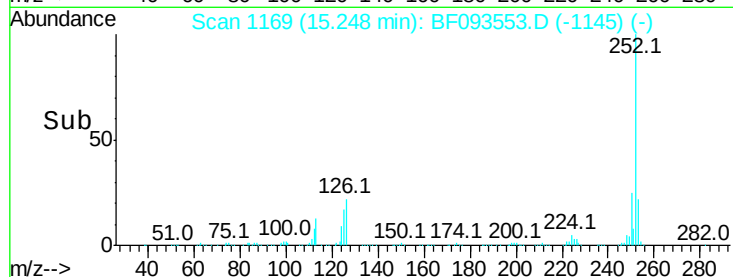
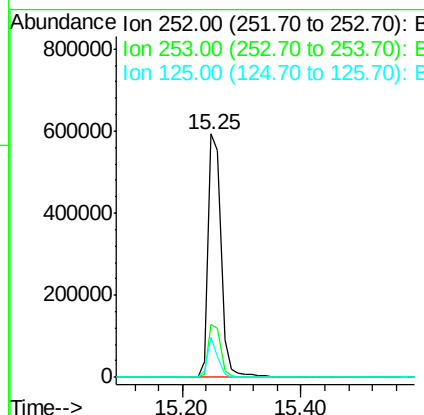
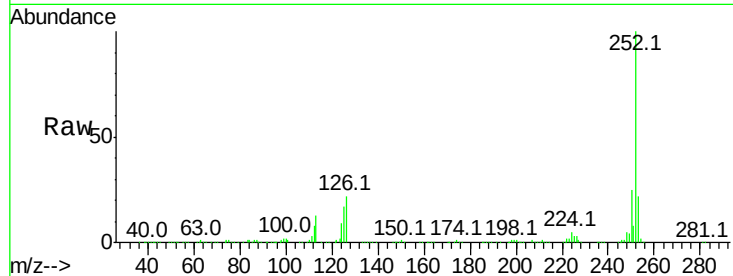
#89
Benzo(a)pyrene
Concen: 43.91 ng
RT: 15.25 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Instrument :
BNA_F
ClientSampleId :
PB97520BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	16.7	10.0	15.0

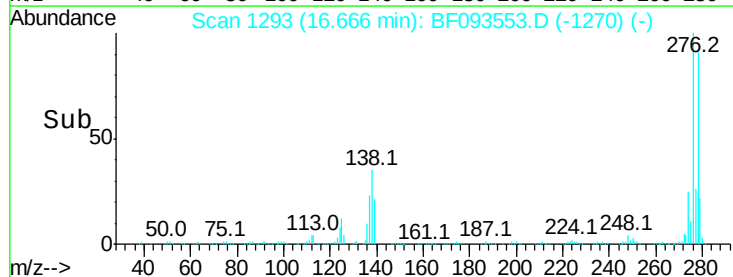
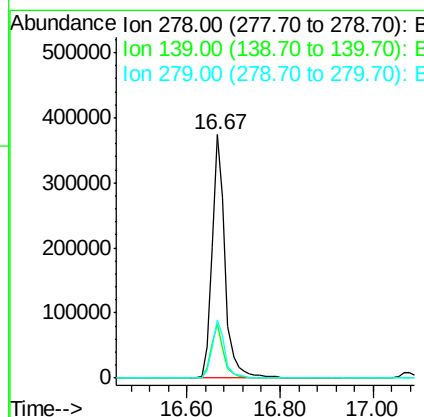
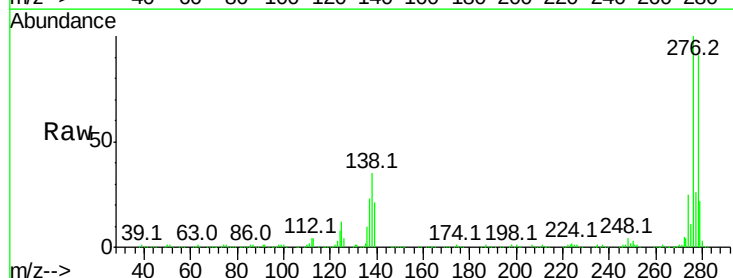
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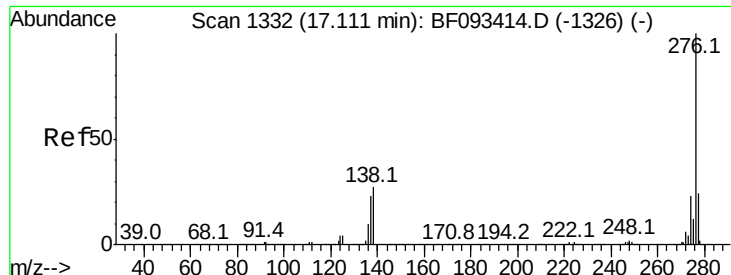
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 43.02 ng
RT: 16.67 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF093553.D
Acq: 11 Mar 2017 5:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.5	14.8	22.2
279	24.0	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 42.30 ng
 RT: 17.08 min Scan# 1329
 Delta R.T. -0.03 min
 Lab File: BF093553.D
 Acq: 11 Mar 2017 5:50

Instrument :
 BNA_F
 ClientSampleId :
 PB97520BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.6	19.2	28.8
138	26.2	16.0	24.0

Manual Integrations
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 3/13/2017 5:50:38 PM

