

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
 Data File : BF093320.D
 Acq On : 2 Mar 2017 13:47
 Operator : SJ/MA
 Sample : I2006-09MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPSIDW-1MSD

Manual Integrations
 APPROVED

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 3/3/2017 5:16:28 PM

Quant Time: Mar 03 00:36:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 00:22:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	147621	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	548473	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	267300	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	517487	20.00	ng	0.00
75) Chrysene-d12	13.99	240	424335	20.00	ng	0.00
86) Perylene-d12	15.39	264	366057	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1296759	150.71	ng	0.02
7) Phenol-d6	6.45	99	1518063	137.12	ng	0.00
23) Nitrobenzene-d5	7.38	82	1049378	106.54	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	345769	178.85	ng	0.01
44) 2-Fluorobiphenyl	9.17	172	1590215	107.78	ng	0.00
78) Terphenyl-d14	12.92	244	1596529	88.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	209609	45.08	ng	# 71
3) Pyridine	3.17	79	319034	26.99	ng	85
4) n-Nitrosodimethylamine	3.09	42	296046	53.33	ng	85
6) Aniline	6.46	93	202273	13.39	ng	# 1
8) 2-Chlorophenol	6.59	128	474796	50.02	ng	96
9) Benzaldehyde	6.35	77	75993	9.58	ng	98
10) Phenol	6.46	94	585270	45.18	ng	82
11) bis(2-Chloroethyl)ether	6.53	93	541264	52.35	ng	88
12) 1,3-Dichlorobenzene	6.74	146	527862	47.48	ng	98
13) 1,4-Dichlorobenzene	6.82	146	520209m	46.23	ng	
14) 1,2-Dichlorobenzene	6.97	146	480524	44.66	ng	98
15) Benzyl Alcohol	6.96	79	380914	46.47	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	762216	42.43	ng	81
17) 2-Methylphenol	7.07	107	368019	45.19	ng	95
18) Hexachloroethane	7.31	117	172476	44.90	ng	# 89
19) n-Nitroso-di-n-propylamine	7.22	70	337940	47.95	ng	94
20) 3+4-Methylphenols	7.23	107	504702	51.83	ng	# 79
22) Acetophenone	7.22	105	668916	53.42	ng	# 97
24) Nitrobenzene	7.39	77	497714	49.21	ng	98
25) Isophorone	7.63	82	949500	51.73	ng	95
26) 2-Nitrophenol	7.71	139	264325	54.98	ng	96
27) 2,4-Dimethylphenol	7.76	122	434774	51.50	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	654454	53.84	ng	99
29) 2,4-Dichlorophenol	7.96	162	418870	53.19	ng	95
30) 1,2,4-Trichlorobenzene	8.03	180	408698	48.16	ng	96
31) Naphthalene	8.11	128	1323488	47.60	ng	99
32) Benzoic acid	7.92	122	249136	51.47	ng	97
33) 4-Chloroaniline	8.17	127	109998	10.09	ng	97
34) Hexachlorobutadiene	8.22	225	211953	45.40	ng	100
35) Caprolactam	8.56	113	123951m	50.04	ng	
36) 4-Chloro-3-methylphenol	8.67	107	430585	52.45	ng	98
37) 2-Methylnaphthalene	8.81	142	907117	50.81	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	425564	56.72	ng	99
40) Hexachlorocyclopentadiene	8.96	237	210713	62.24	ng	96

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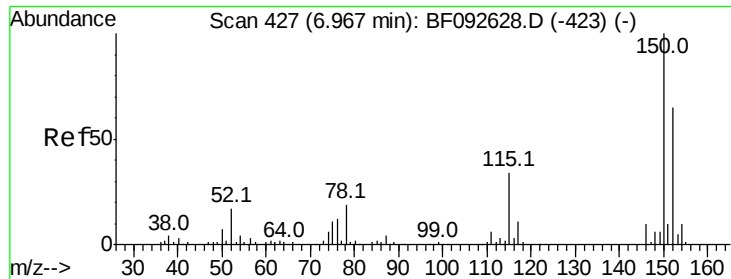
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	281690	57.13	nq	94
43) 2,4,5-Trichlorophenol	9.15	196	288920	53.48	nq #	86
45) 1,1'-Biphenyl	9.28	154	1120490	57.89	nq	98
46) 2-Chloronaphthalene	9.30	162	842179	55.62	nq	97
47) 2-Nitroaniline	9.40	65	293803	57.71	nq	94
48) Acenaphthylene	9.72	152	1359982	51.99	nq	97
49) Dimethylphthalate	9.58	163	1041727	57.86	nq	99
50) 2,6-Dinitrotoluene	9.65	165	249069	64.06	nq	94
51) Acenaphthene	9.88	154	802206	51.30	nq	96
52) 3-Nitroaniline	9.82	138	56473	12.69	nq	86
53) 2,4-Dinitrophenol	9.94	184	221700	110.19	nq #	54
54) Dibenzofuran	10.06	168	1175933	56.22	nq	92
55) 4-Nitrophenol	10.01	139	222501	69.43	nq #	83
56) 2,4-Dinitrotoluene	10.06	165	283774	54.82	nq	95
57) Fluorene	10.41	166	941286	58.49	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.19	232	219915	61.03	nq	98
59) Diethylphthalate	10.28	149	947602	55.85	nq	99
60) 4-Chlorophenyl-phenylether	10.40	204	417801	54.04	nq	88
61) 4-Nitroaniline	10.44	138	211862	46.49	nq	94
62) Azobenzene	10.56	77	1124313	64.14	nq	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	150198	47.70	nq #	48
65) n-Nitrosodiphenylamine	10.52	169	822005	49.72	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	265444	49.10	nq	91
67) Hexachlorobenzene	10.96	284	250162	46.82	nq #	91
68) Atrazine	11.06	200	234673	44.24	nq	90
69) Pentachlorophenol	11.16	266	244562	87.89	nq	98
70) Phenanthrene	11.37	178	1330010	44.86	nq	99
71) Anthracene	11.43	178	1543710	51.85	nq	98
72) Carbazole	11.59	167	1391314	48.89	nq	97
73) Di-n-butylphthalate	11.91	149	1727924	56.14	nq #	97
74) Fluoranthene	12.56	202	1554397	50.83	nq	96
77) Pyrene	12.79	202	1559277	49.10	nq	99
79) Butylbenzylphthalate	13.39	149	700322	54.31	nq	97
80) Benzo(a)anthracene	13.97	228	1307431	50.38	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	123710	13.37	nq	98
82) Chrysene	14.01	228	1185275	48.78	nq	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	950549	53.90	nq #	98
84) Di-n-octyl phthalate	14.56	149	1664129	57.95	nq	100
85) Indeno(1,2,3-cd)pyrene	16.80	276	996496	52.94	nq #	94
87) Benzo(b)fluoranthene	15.00	252	1401168m	58.15	nq	
88) Benzo(k)fluoranthene	15.03	252	863943m	41.53	nq	
89) Benzo(a)pyrene	15.35	252	1066792	51.19	nq	99
90) Dibenzo(a,h)anthracene	16.81	278	842792	50.03	nq	98
91) Benzo(g,h,i)perylene	17.22	276	853179	50.14	nq #	93

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



#1

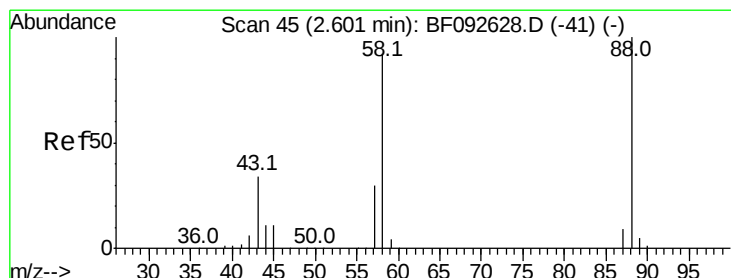
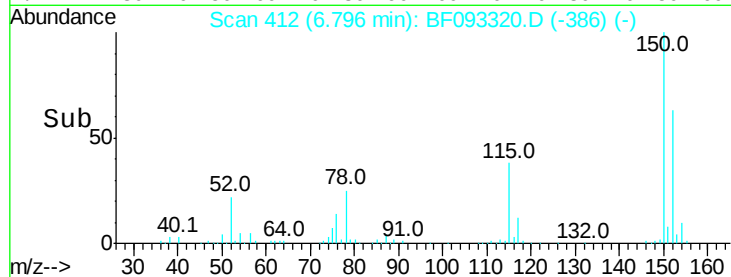
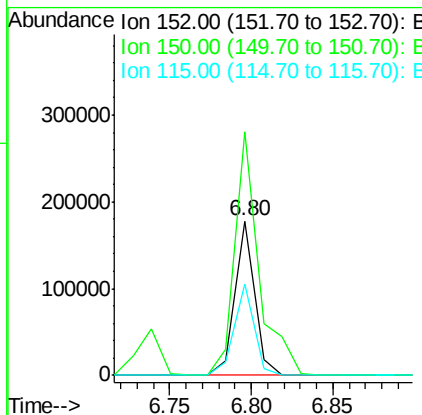
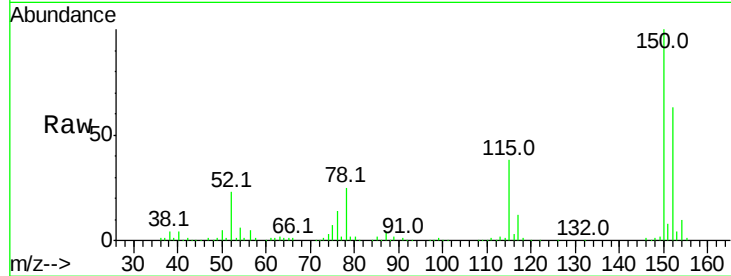
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
CPSIDW-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.9	187.3
115	59.1	46.0	69.0

Manual Integrations
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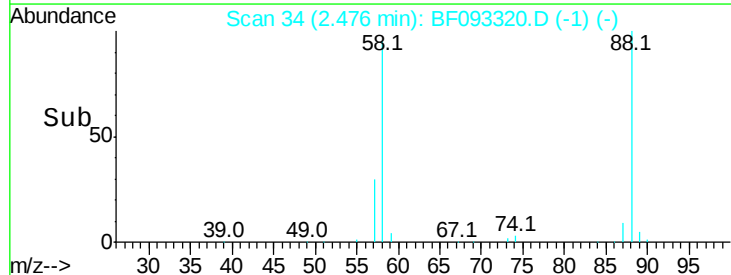
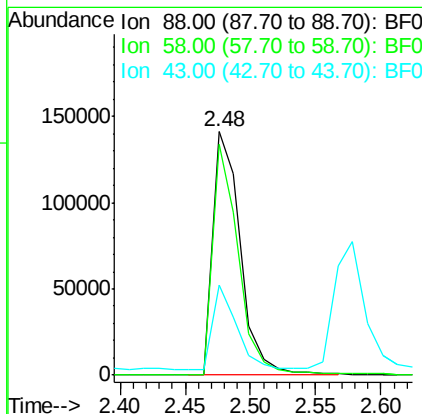
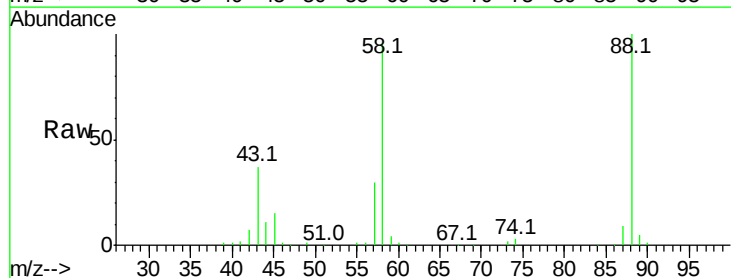
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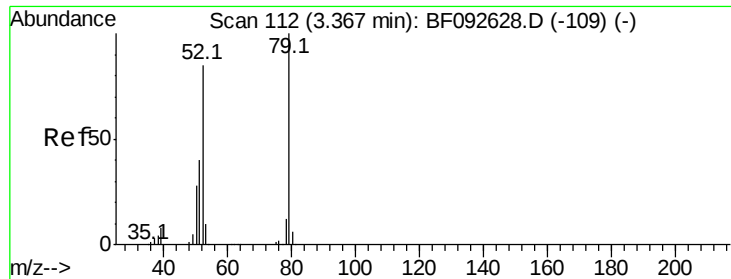


#2

1,4-Dioxane
Concen: 45.08 ng
RT: 2.48 min Scan# 34
Delta R.T. 0.16 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.5	57.8	86.8#
43	0.0	22.3	33.5#





#3

Pvridine

Concen: 26.99 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.16 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

Instrument :

BNA_F

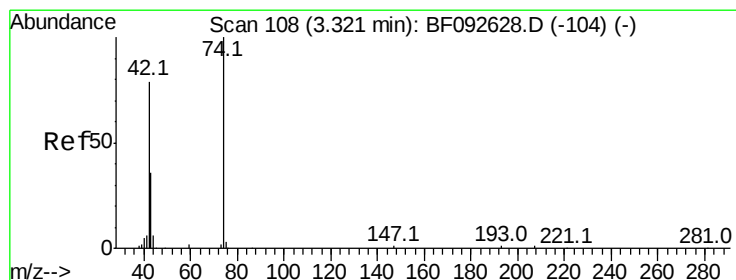
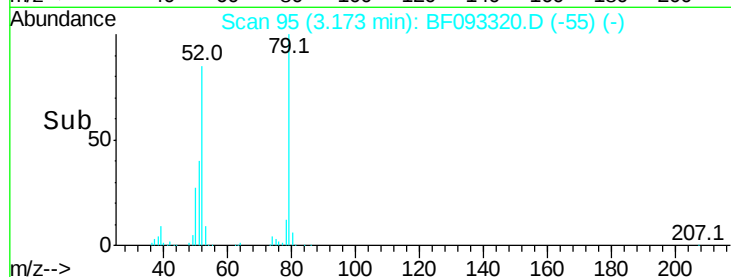
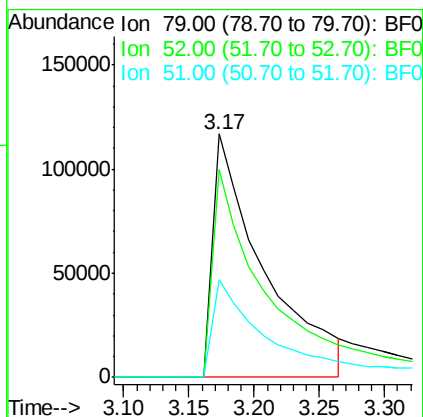
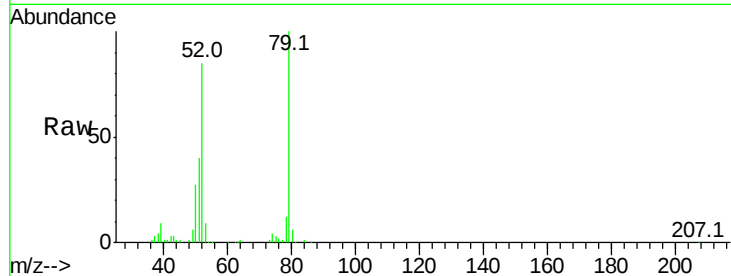
ClientSampleId :

CPSIDW-1MSD

Tot Ion:	79	Resp:	319034
Ion Ratio	Lower	Upper	
79	100		
52	85.2	57.1	85.7
51	40.0	27.3	40.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 53.33 ng

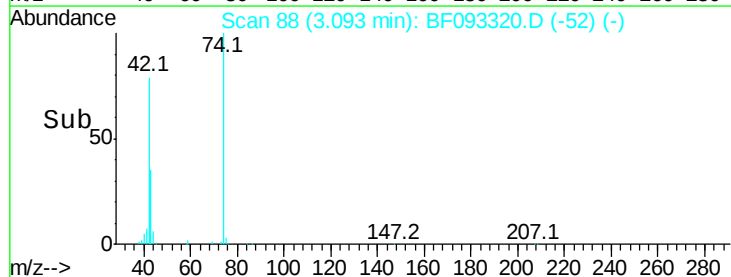
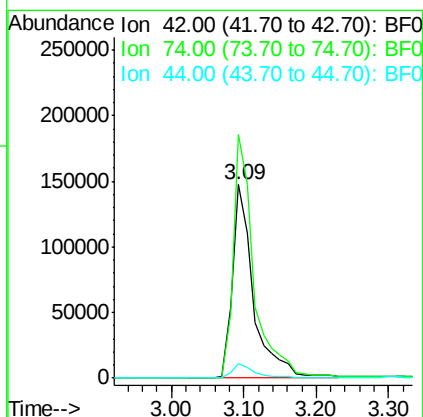
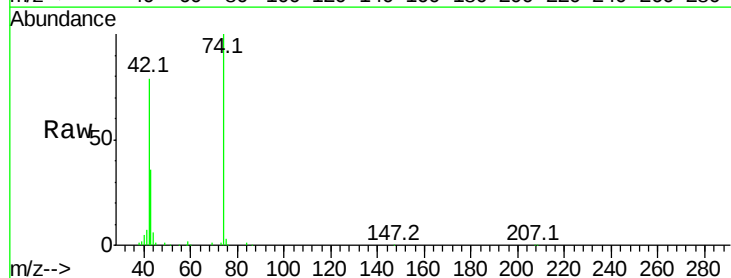
RT: 3.09 min Scan# 88

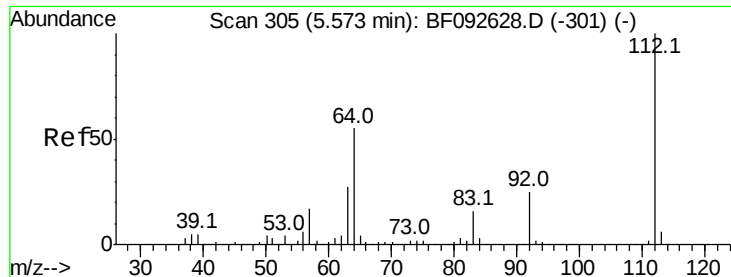
Delta R.T. 0.11 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

Tgt Ion:	42	Resp:	296046
Ion Ratio	Lower	Upper	
42	100		
74	126.1	117.0	175.4
44	7.8	5.5	8.3





#5

2-Fluorophenol

Concen: 150.71 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.02 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

Instrument :

BNA_F

ClientSampleId :

CPSIDW-1MSD

Tot Ion:112 Resp: 1296759

Ion Ratio Lower Upper

112 100

64 54.9 46.1 69.1

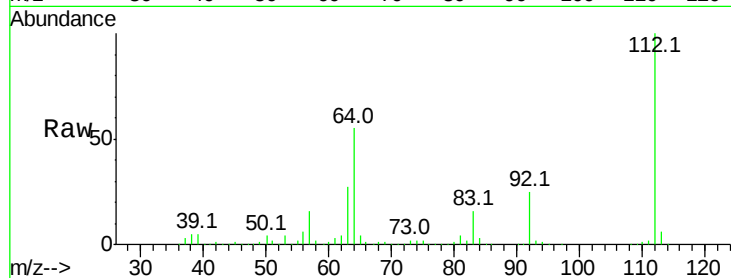
63 27.0 23.8 35.6

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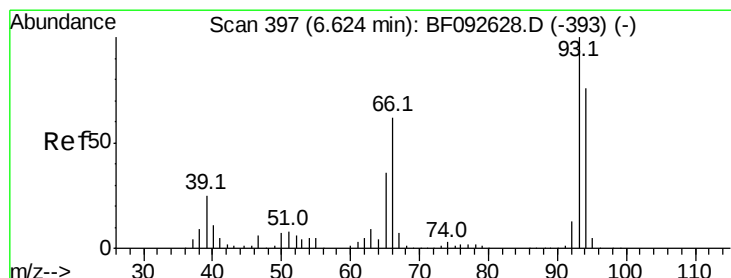
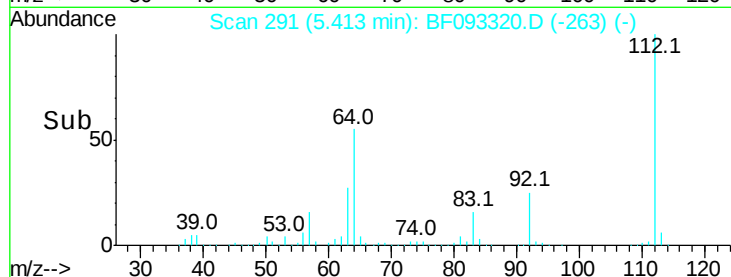
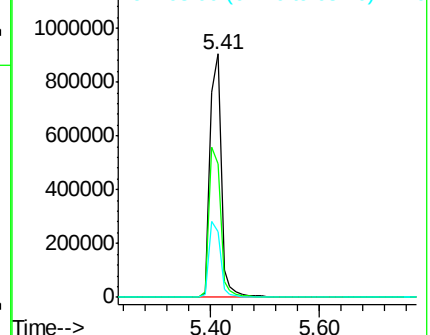
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.39 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

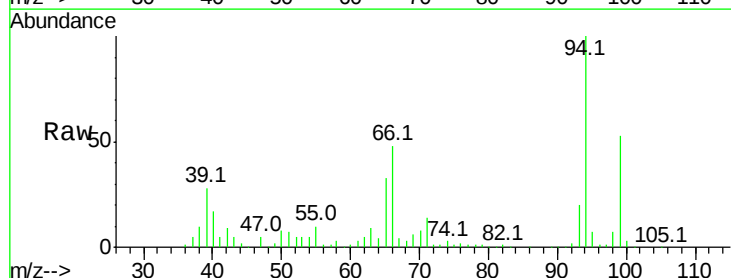
Tgt Ion: 93 Resp: 202273

Ion Ratio Lower Upper

93 100

66 240.7 76.2 114.2#

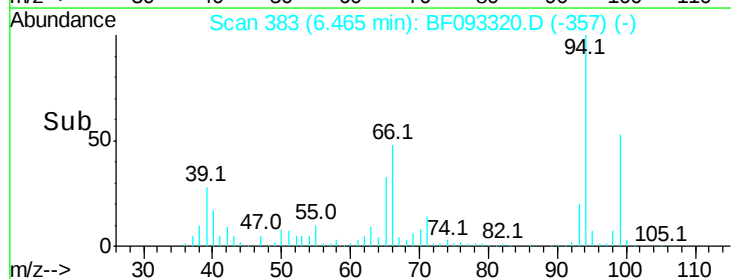
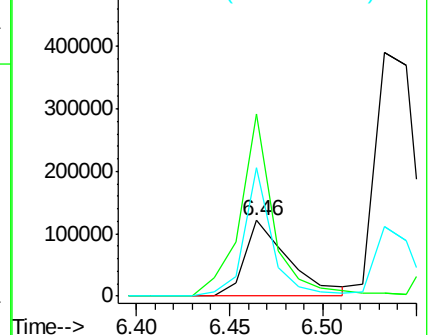
65 168.8 49.3 73.9#

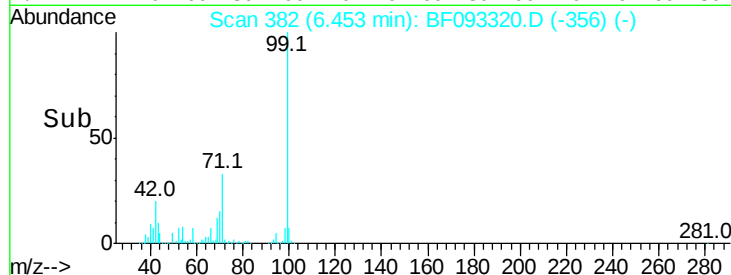
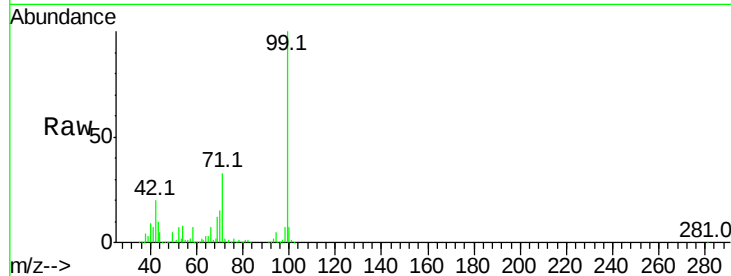
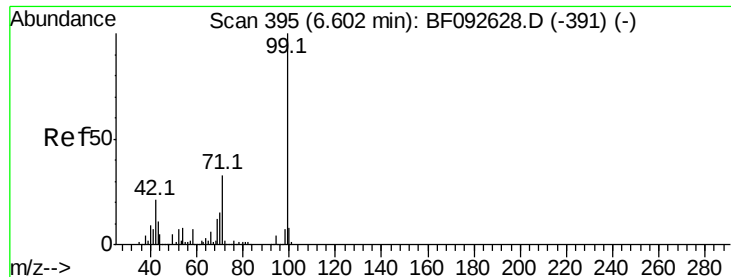


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 137.12 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

Tot Ion: 99 Resp: 1518063

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

71 32.5 27.5 41.3

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ClientSampleId :

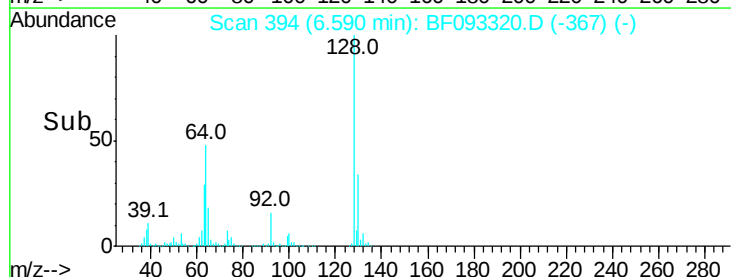
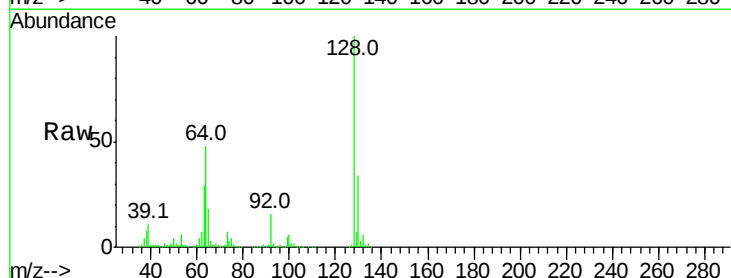
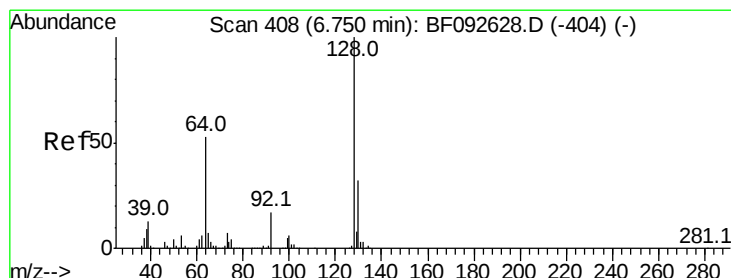
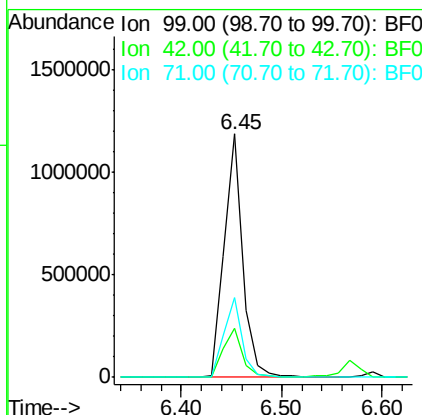
CPSIDW-1MSD

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#8

2-Chlorophenol

Concen: 50.02 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

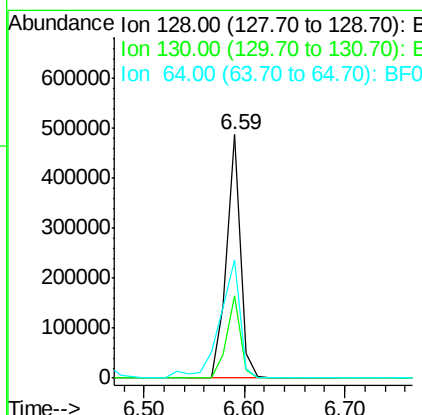
Tgt Ion:128 Resp: 474796

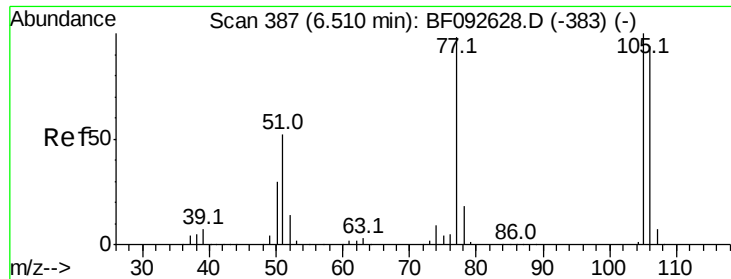
Ion Ratio Lower Upper

128 100

130 33.7 12.3 52.3

64 48.5 32.2 72.2





#9

Benzaldehyde

Concen: 9.58 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.01 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

Instrument :

BNA_F

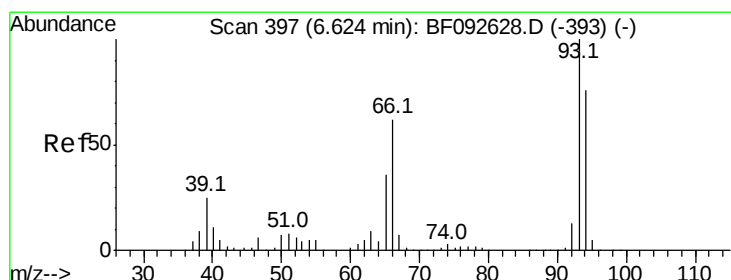
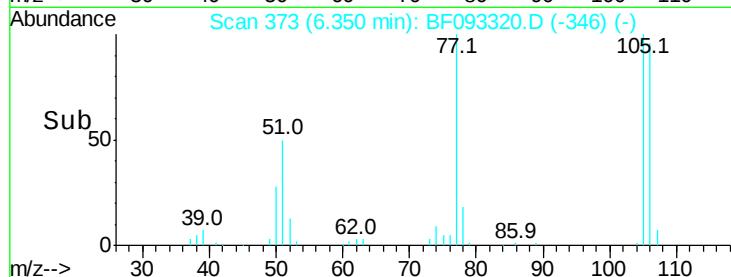
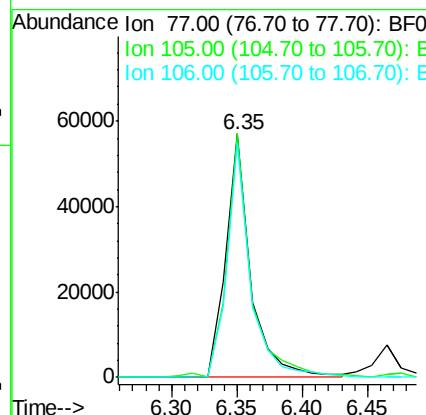
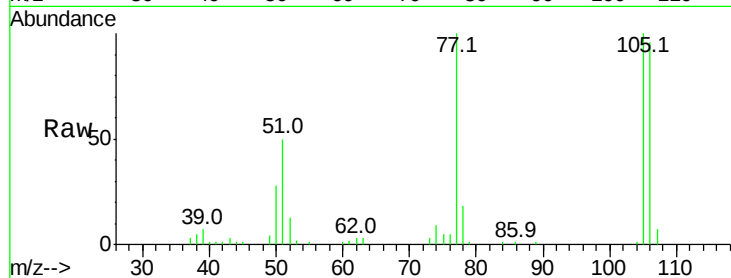
ClientSampleId :

CPSIDW-1MSD

Tot Ion:	77	Resp:	75993
Ion	Ratio	Lower	Upper
77	100		
105	100.1	83.9	123.9
106	96.6	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 45.18 ng

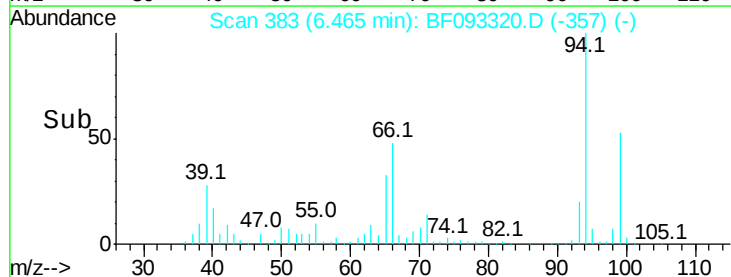
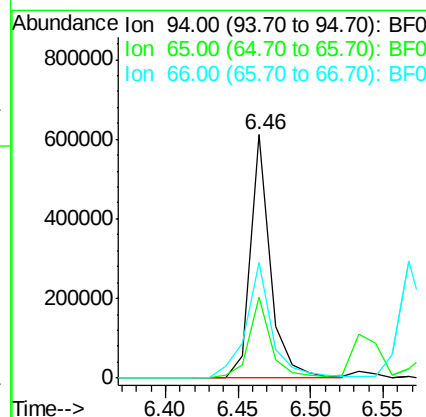
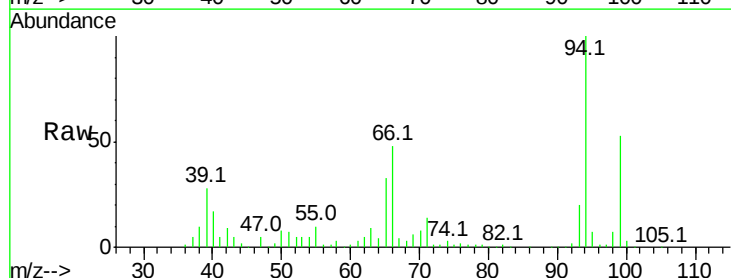
RT: 6.46 min Scan# 383

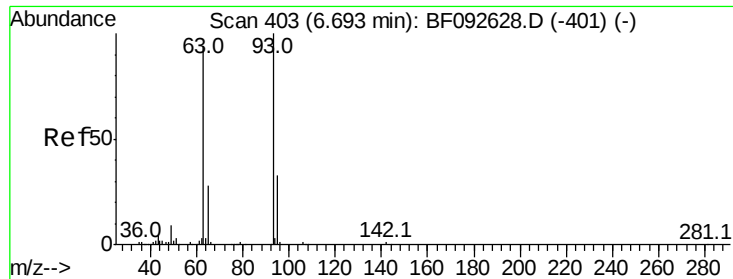
Delta R.T. 0.00 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

Tgt Ion:	94	Resp:	585270
Ion	Ratio	Lower	Upper
94	100		
65	33.5	21.4	61.4
66	47.8	44.0	84.0





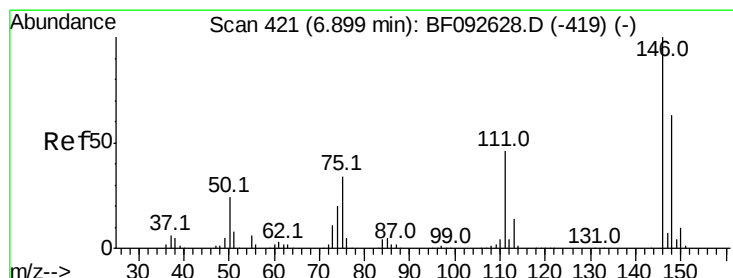
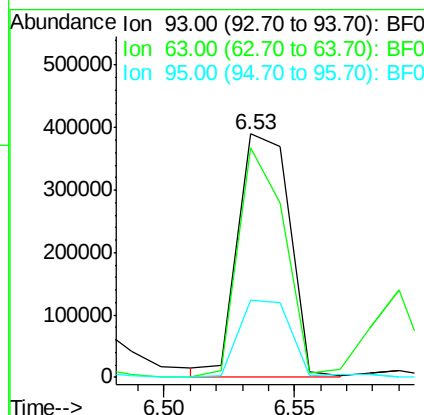
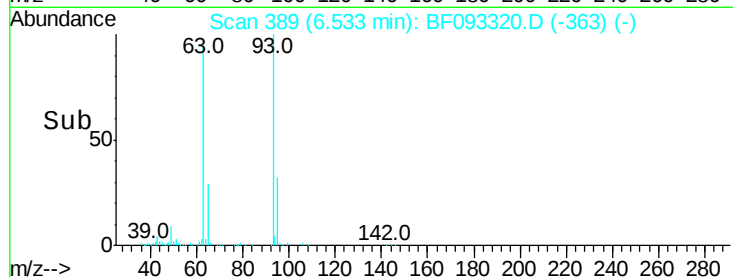
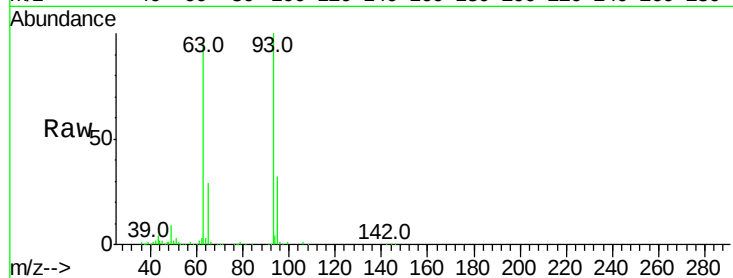
#11
bis(2-Chloroethyl)ether
Concen: 52.35 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
CPSIDW-1MSD

Tot Ion	93	Resp	541264
Ion Ratio	100	Lower	Upper
93	100		
63	94.5	60.4	100.4
95	31.6	12.8	52.8

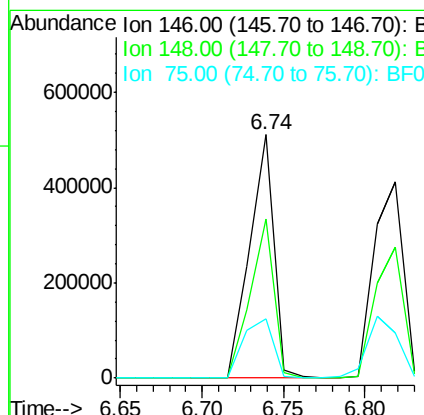
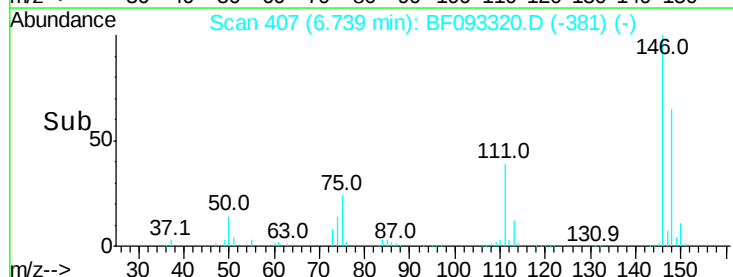
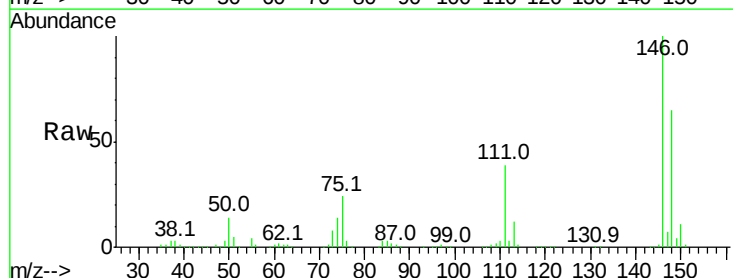
Manual Integrations
APPROVED

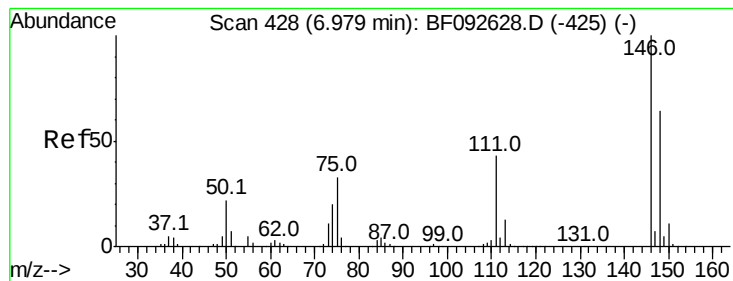
mohammad
3/3/2017 5:16:28 PM



#12
1,3-Dichlorobenzene
Concen: 47.48 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Tgt Ion	146	Resp	527862
Ion Ratio	100	Lower	Upper
146	100		
148	65.4	53.4	80.0
75	24.4	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 46.23 ng/mL

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

Instrument :

BNA_F

ClientSampleId :

CPSIDW-1MSD

Tot Ion:146 Resp: 520209

Ion Ratio Lower Upper

146 100

148 66.9 50.6 76.0

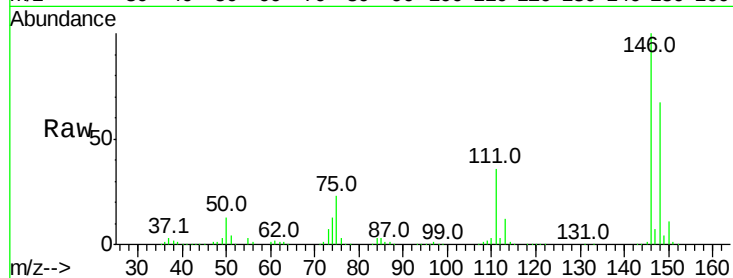
111 36.1 36.2 54.4#

Manual Integrations

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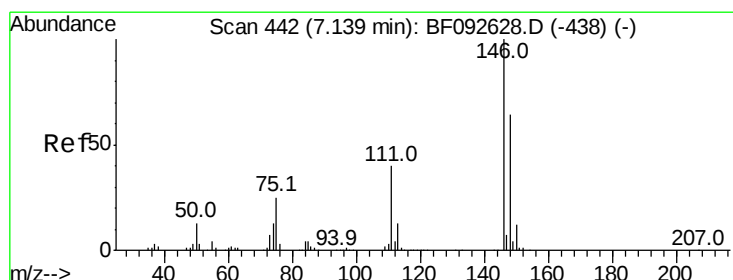
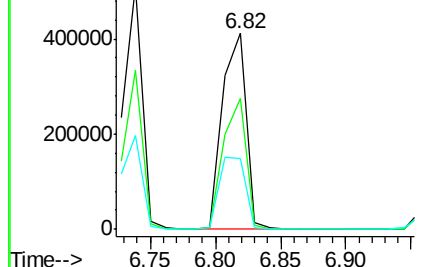
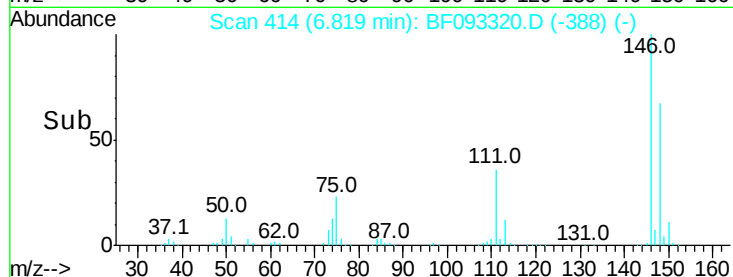
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.66 ng/mL

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

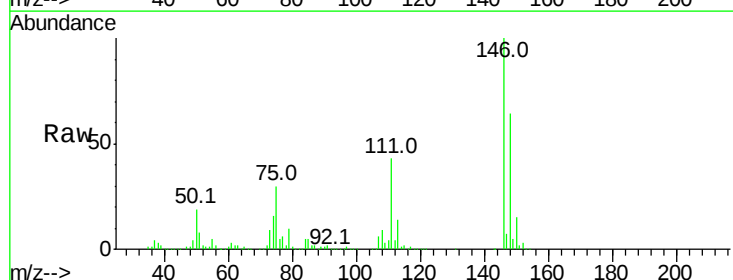
Tgt Ion:146 Resp: 480524

Ion Ratio Lower Upper

146 100

148 64.1 52.2 78.2

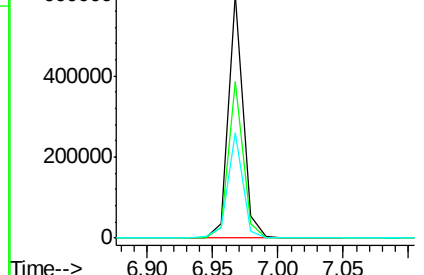
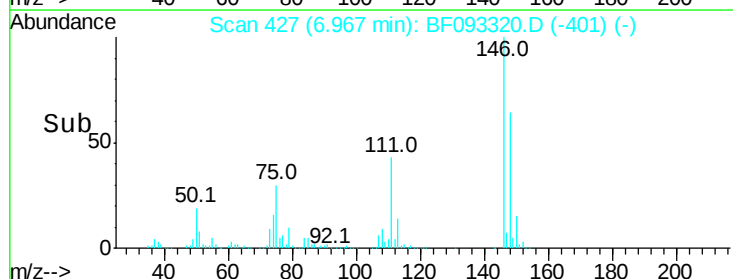
111 43.1 36.2 54.2

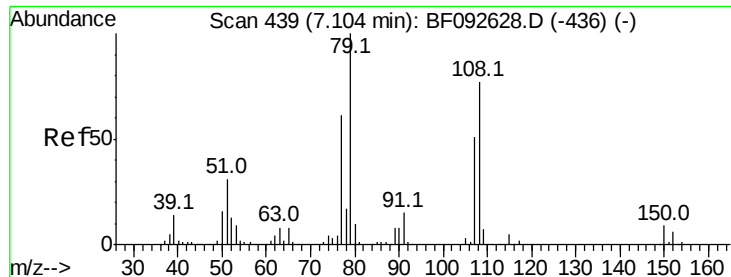


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





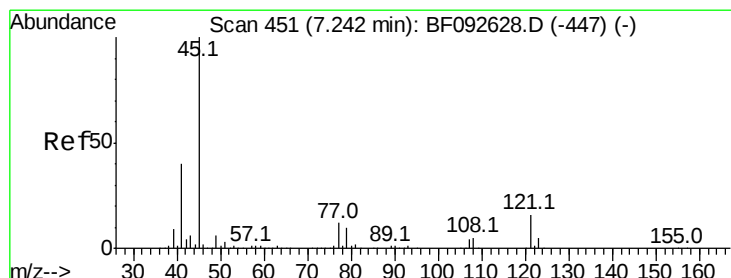
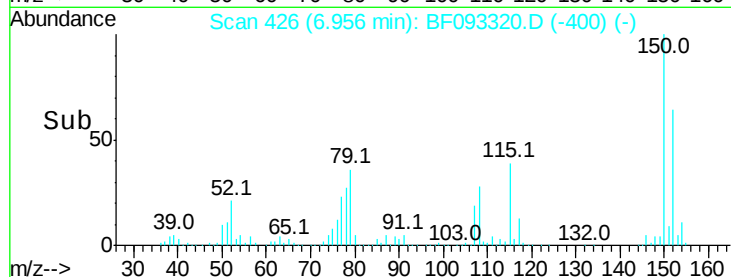
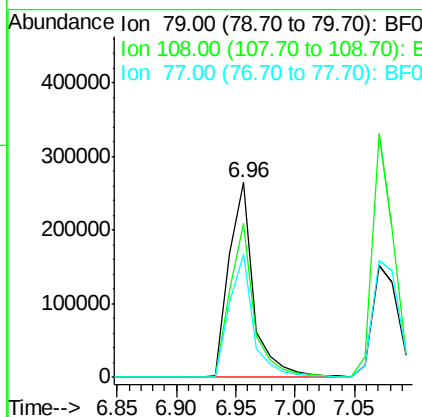
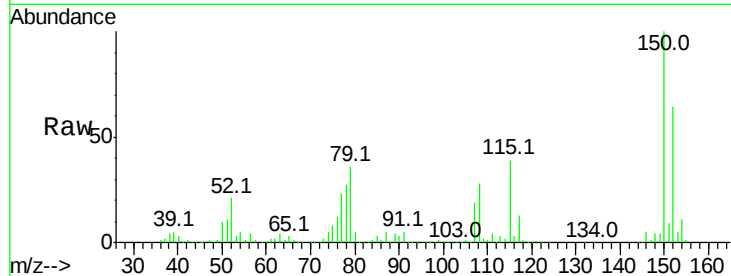
#15
Benzyl Alcohol
Concen: 46.47 ng
RT: 6.96 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
CPSIDW-1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.1	61.4	92.0
77	63.2	50.9	76.3

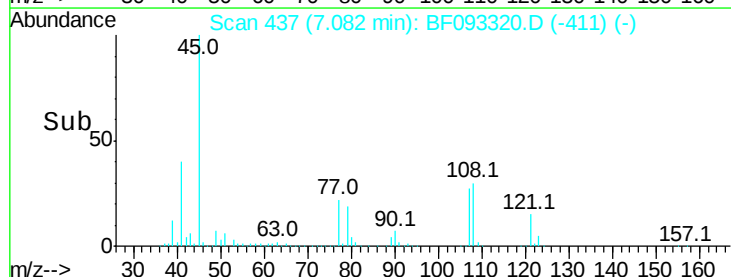
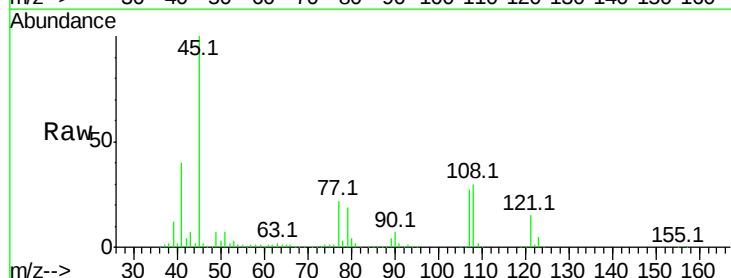
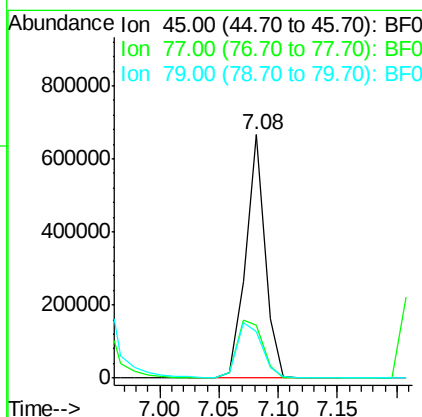
Manual Integrations
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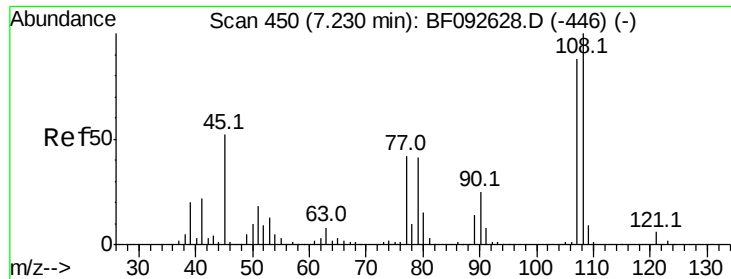
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.43 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.7	0.0	34.6
79	19.3	0.0	31.2





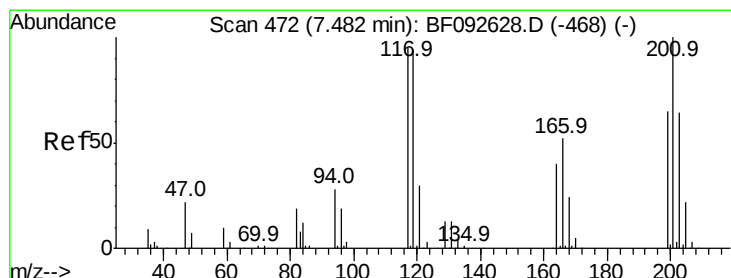
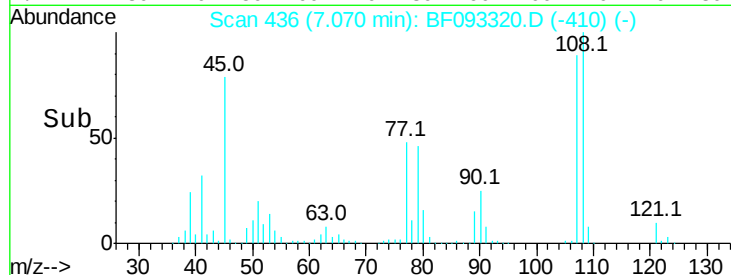
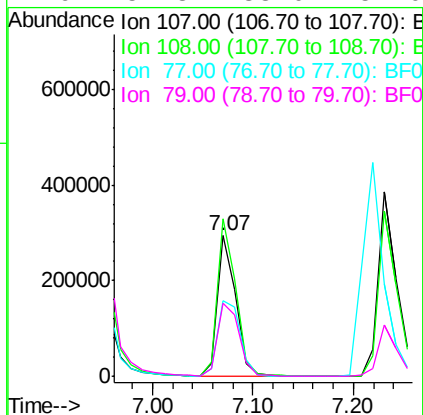
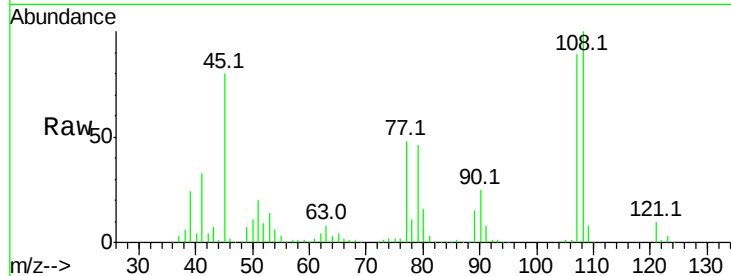
#17
2-Methylphenol
Concen: 45.19 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
CPSIDW-1MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	93.0	139.6
77	53.9	39.8	59.8
79	51.8	38.0	57.0

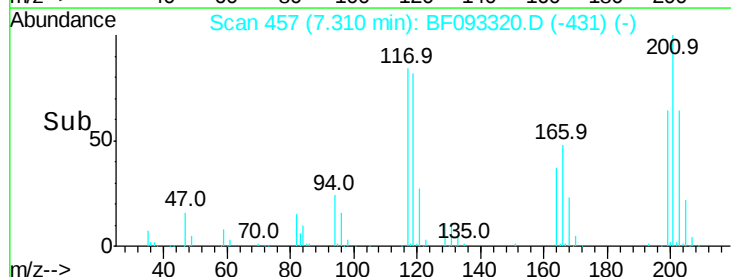
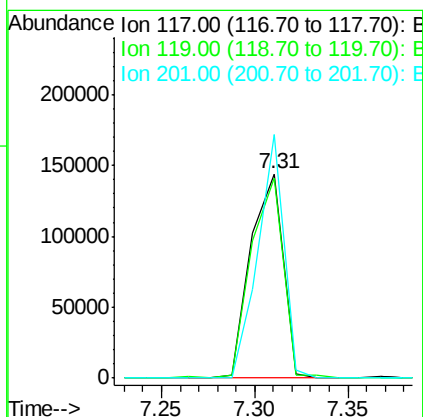
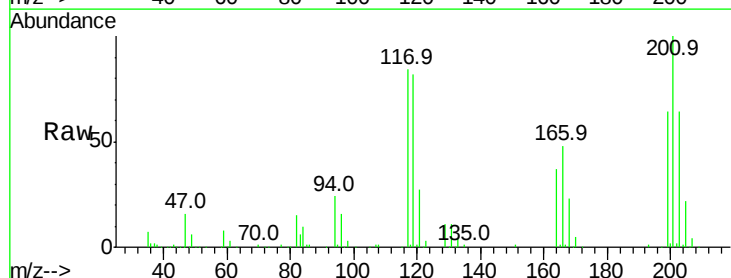
Manual Integrations
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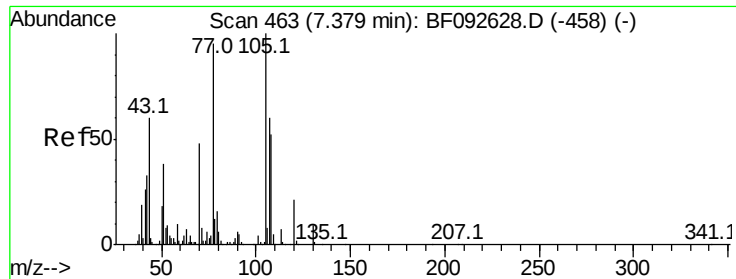
mohammad
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#18
Hexachloroethane
Concen: 44.90 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	78.1	117.1
201	119.0	78.6	117.8#





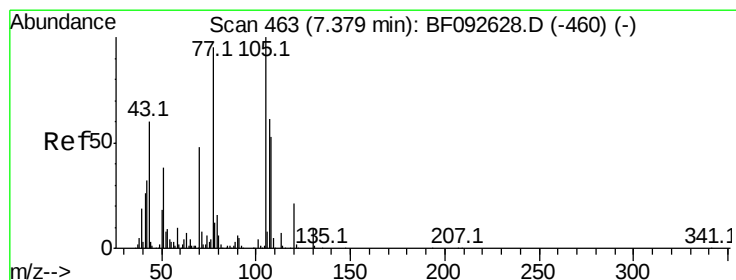
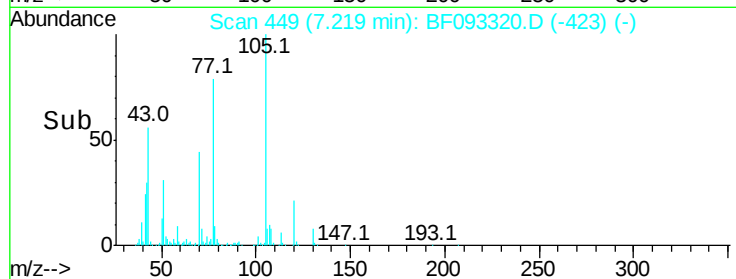
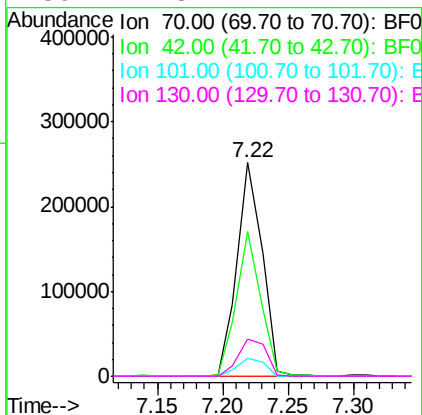
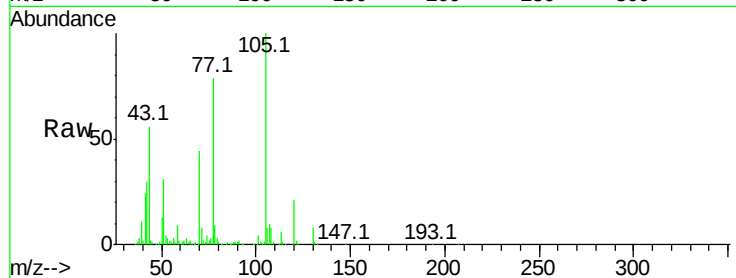
#19
n-Nitroso-di-n-propylamine
Concen: 47.95 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
CPSIDW-1MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.6	49.4	74.0
101	8.7	7.4	11.2
130	17.3	14.2	21.4

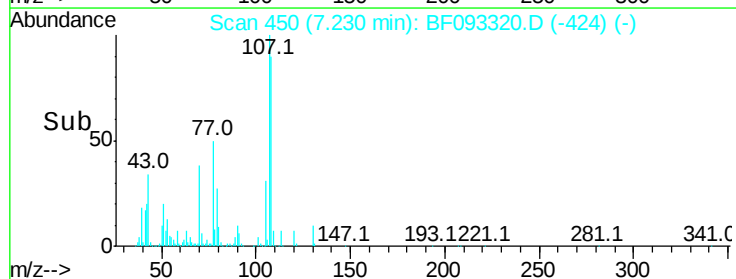
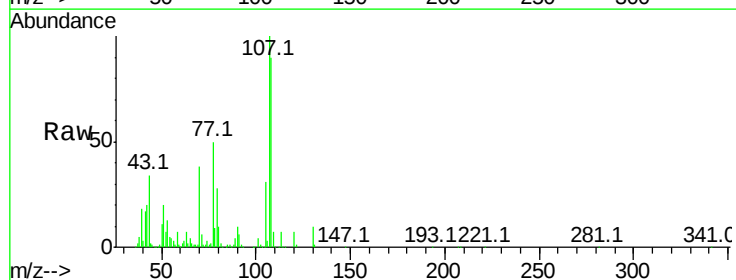
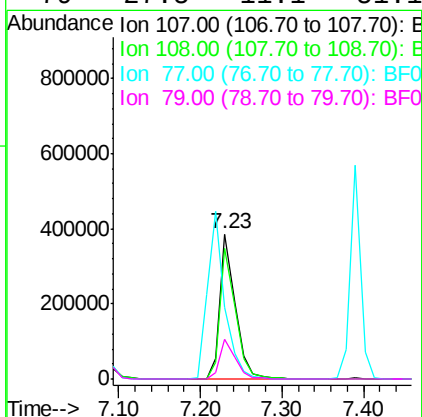
Manual Integrations
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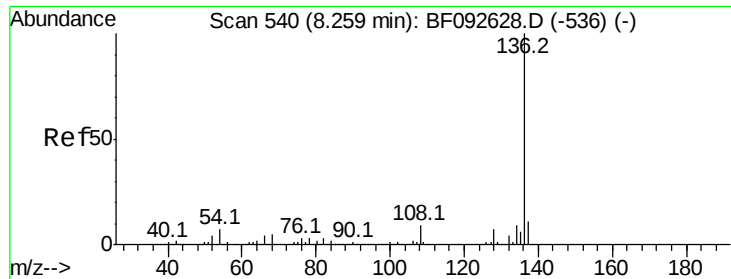
mohammad
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#20
3+4-Methylphenols
Concen: 51.83 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	73.0	113.0
77	49.8	71.3	111.3
79	27.5	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

Instrument :

BNA_F

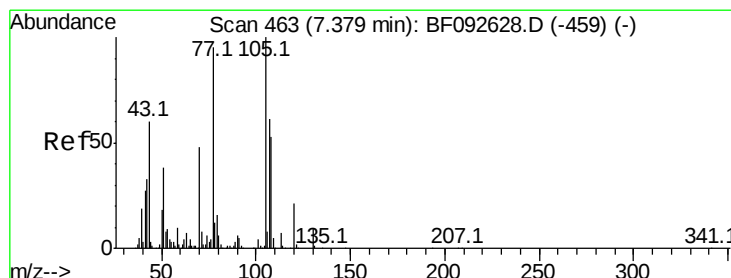
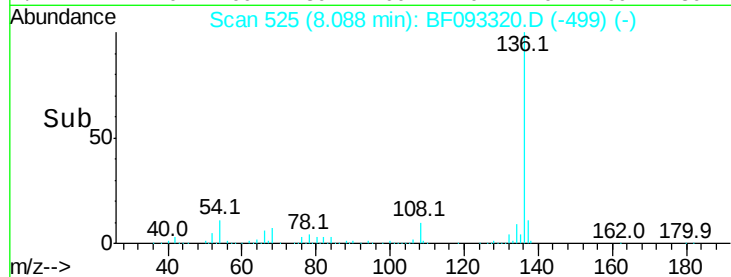
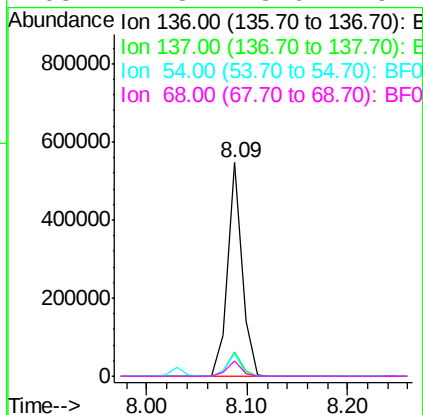
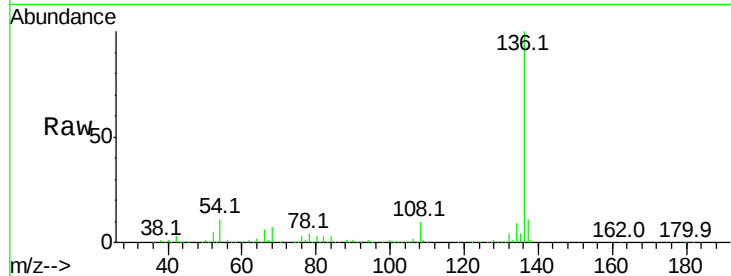
ClientSampleId :

CPSIDW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.4	12.6	
54	10.6	4.5	6.7#	
68	7.3	3.6	5.4#	

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#22

Acetophenone

Concen: 53.42 ng

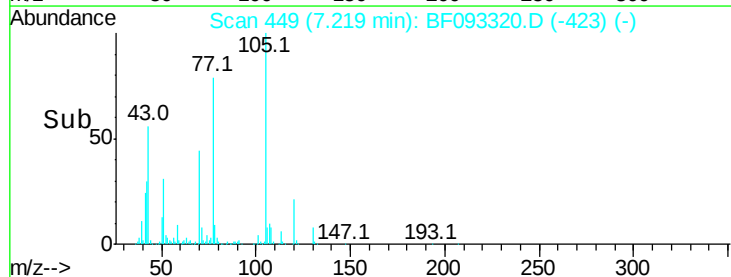
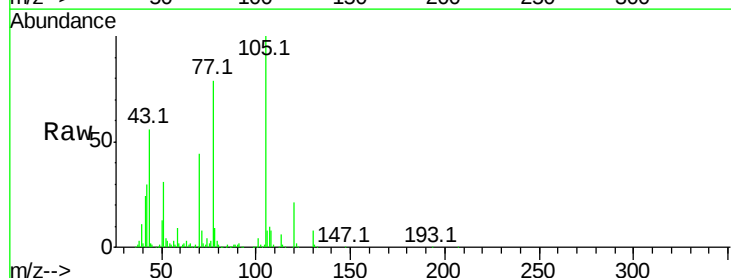
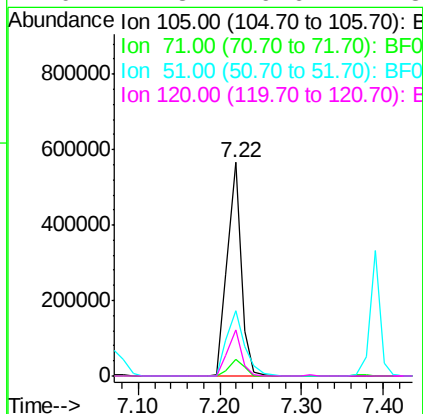
RT: 7.22 min Scan# 449

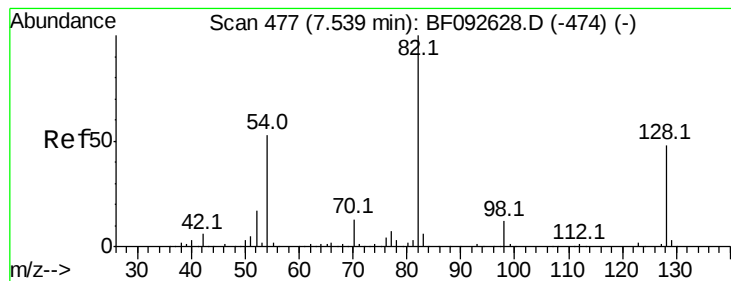
Delta R.T. 0.00 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.8	3.2	4.8#	
51	30.9	26.2	39.4	
120	21.3	16.6	24.8	





#23

Nitrobenzene-d5

Concen: 106.54 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

Instrument :

BNA_F

ClientSampleId :

CPSIDW-1MSD

Tot Ion: 82 Resp: 1049378

Ion Ratio Lower Upper

82 100

128 48.6 34.6 52.0

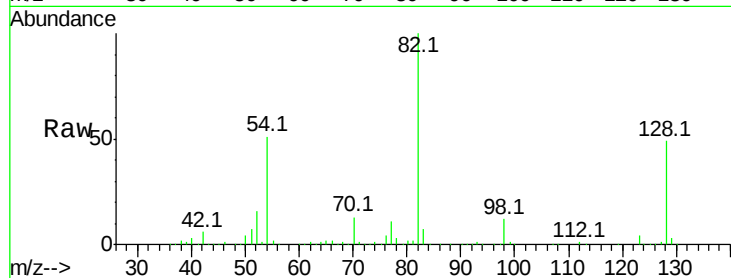
54 51.3 39.5 59.3

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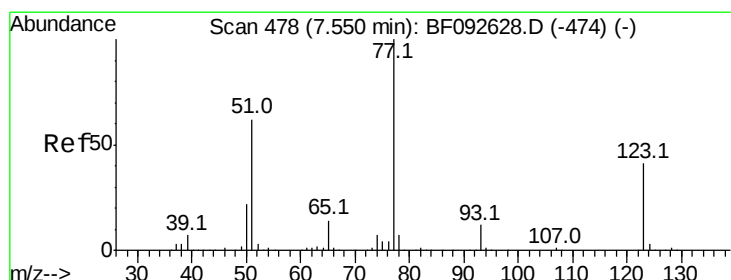
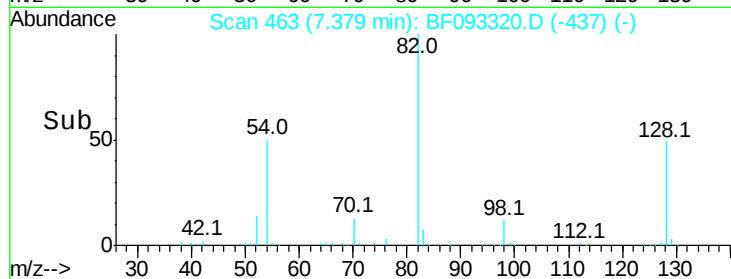
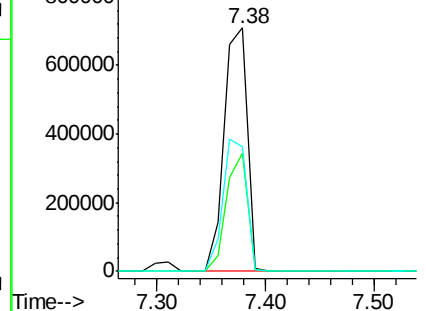
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 49.21 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

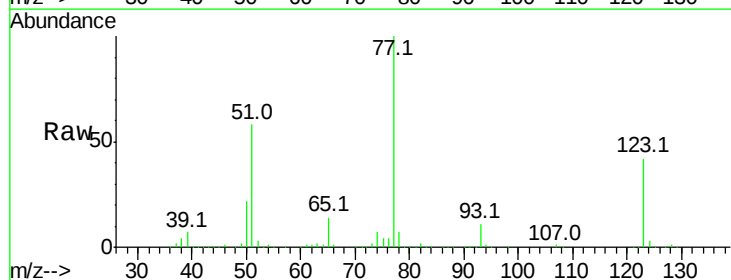
Tgt Ion: 77 Resp: 497714

Ion Ratio Lower Upper

77 100

123 42.4 33.0 49.4

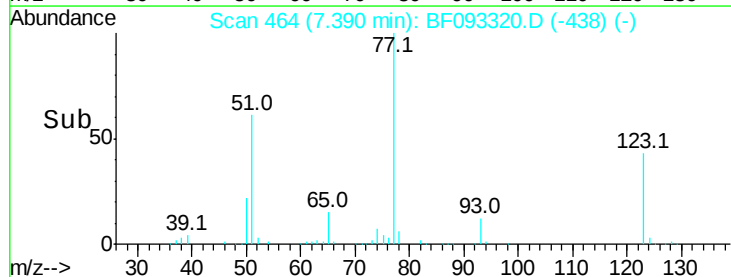
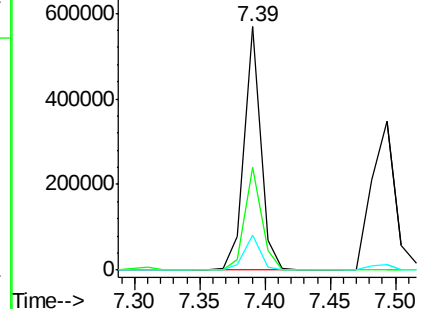
65 14.1 11.2 16.8

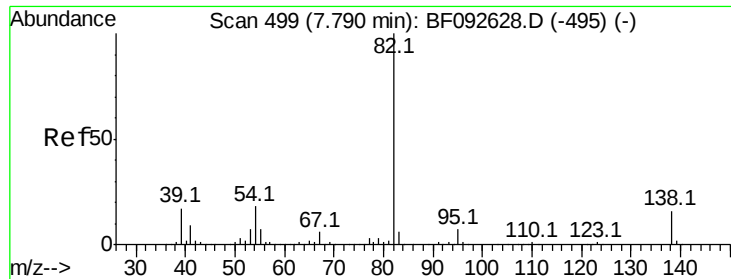


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 51.73 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

Instrument :

BNA_F

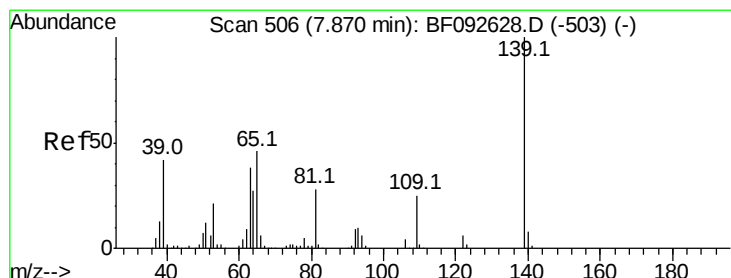
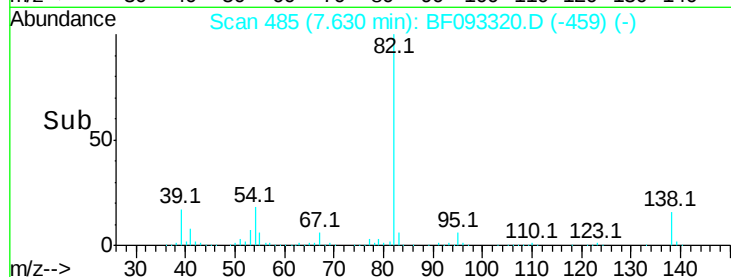
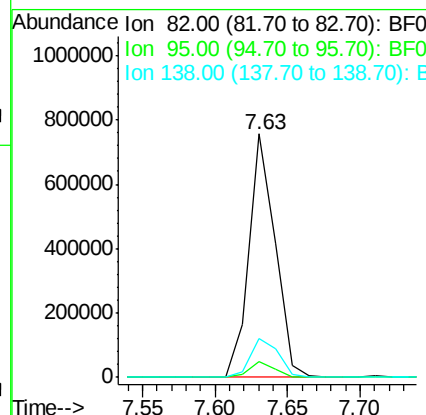
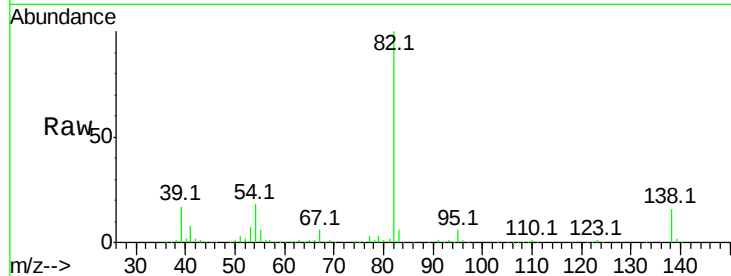
ClientSampleId :

CPSIDW-1MSD

Tot Ion:	82	Resp:	949500
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.6	8.4
138	15.7	14.6	22.0

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#26

2-Nitrophenol

Concen: 54.98 ng

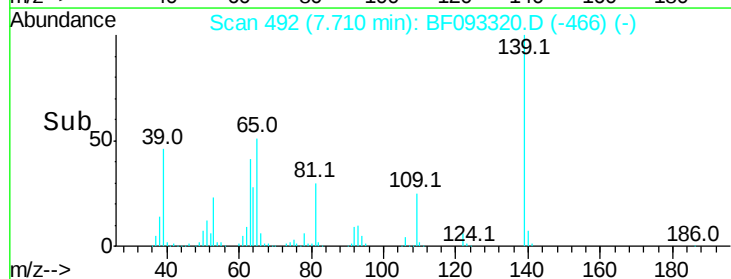
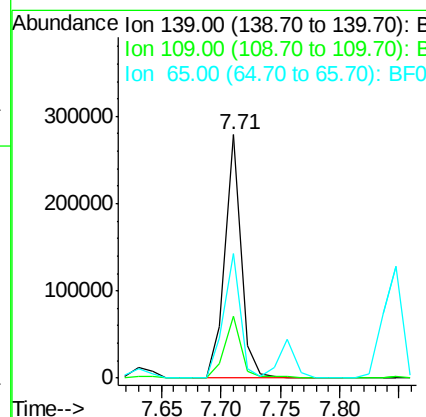
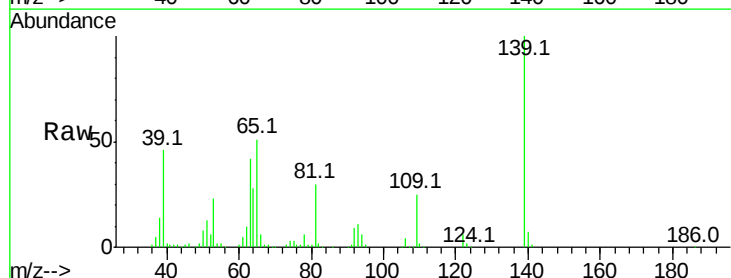
RT: 7.71 min Scan# 492

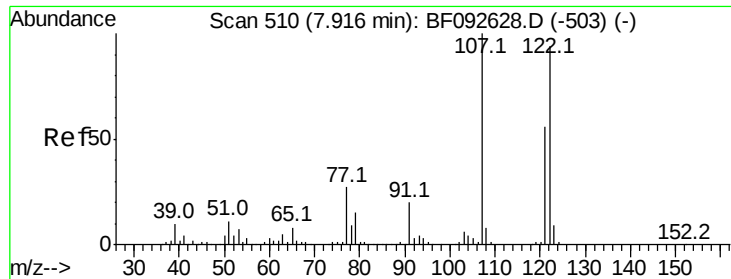
Delta R.T. 0.00 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

Tgt Ion:	139	Resp:	264325
Ion Ratio	Lower	Upper	
139	100		
109	25.3	23.3	34.9
65	51.3	42.7	64.1





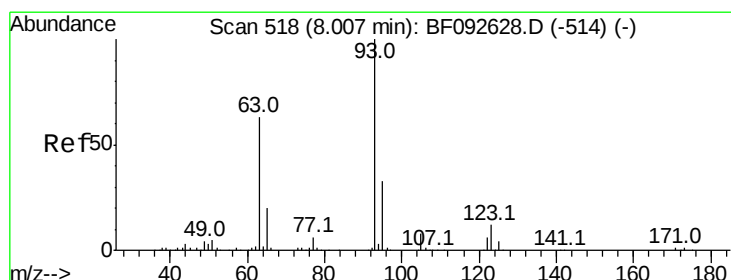
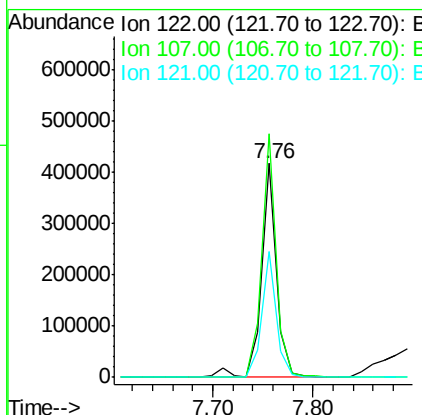
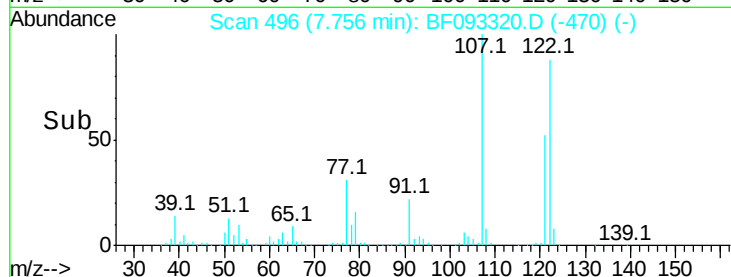
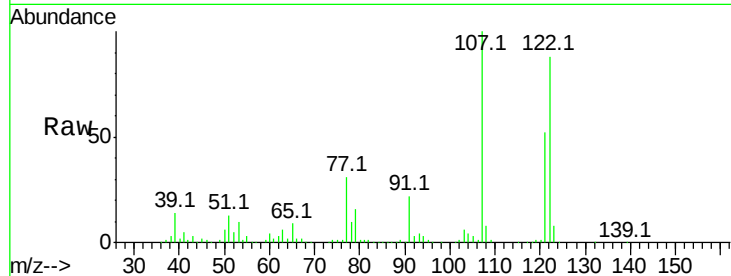
#27
2,4-Dimethylphenol
Concen: 51.50 ng
RT: 7.76 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
CPSIDW-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.0	94.1	141.1
121	58.8	46.0	69.0

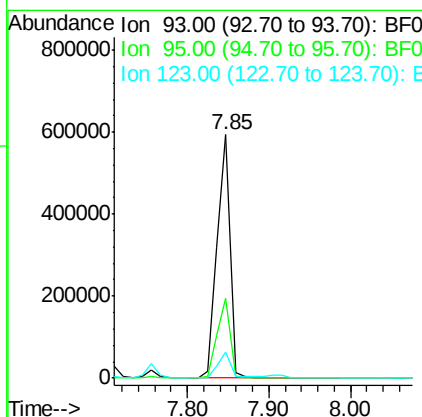
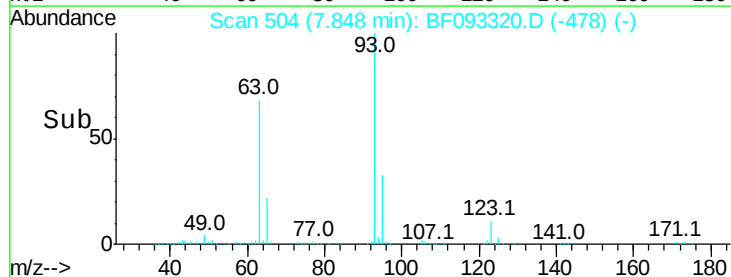
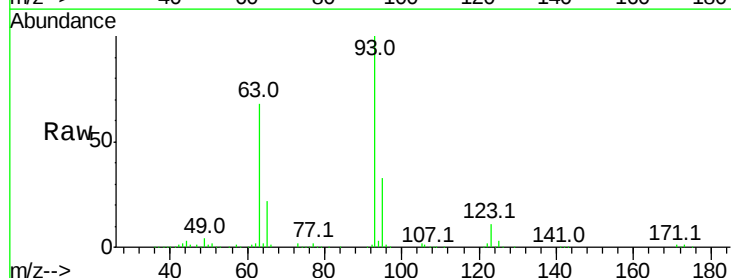
Manual Integrations
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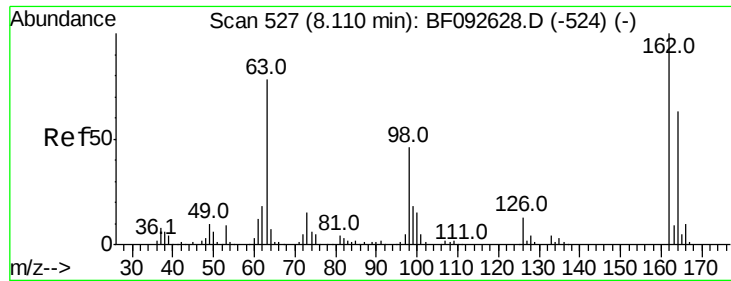
mohammad
3/3/2017 5:16:28 PM



#28
bis(2-Chloroethoxy)methane
Concen: 53.84 ng
RT: 7.85 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.5	39.7
123	10.7	8.6	13.0





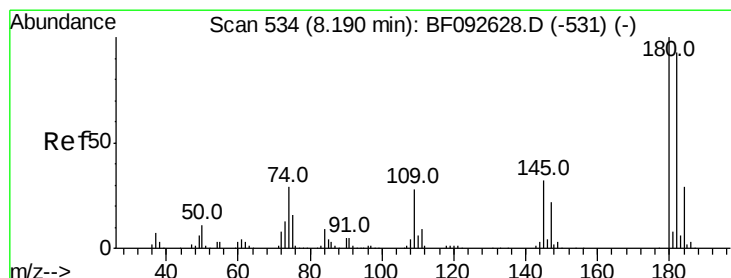
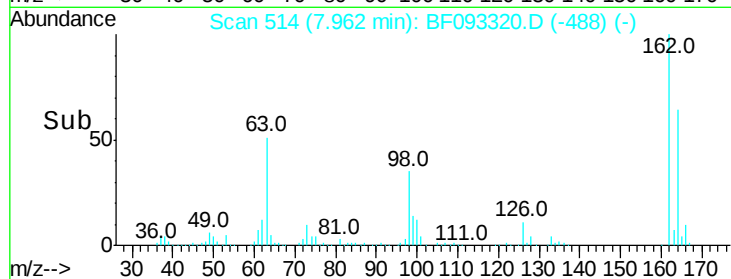
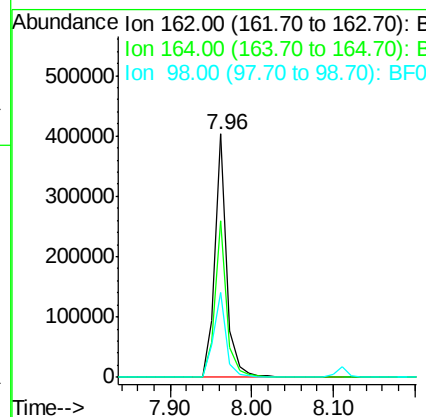
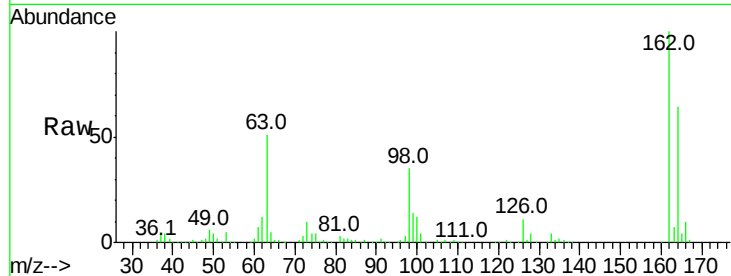
#29
 2,4-Dichlorophenol
 Concen: 53.19 ng
 RT: 7.96 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF093320.D
 Acq: 2 Mar 2017 13:47

Instrument :
 BNA_F
 ClientSampleId :
 CPSIDW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	418870		
164	64.2	46.8	86.8	
98	34.7	9.1	49.1	

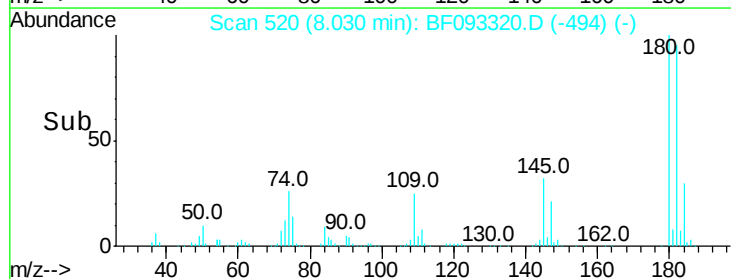
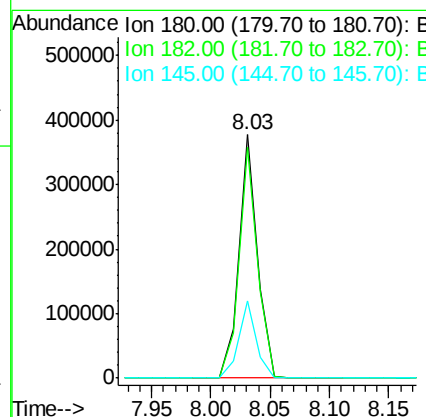
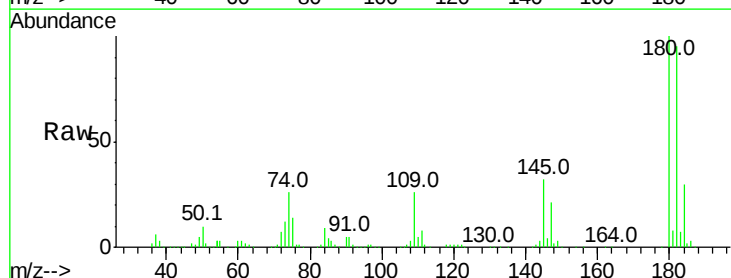
Manual Integrations
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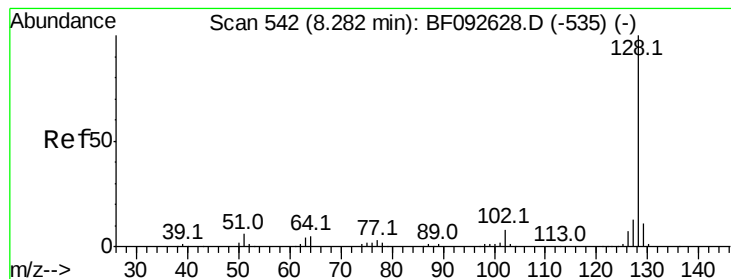
mohammad
 3/3/2017 5:16:28 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 48.16 ng
 RT: 8.03 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF093320.D
 Acq: 2 Mar 2017 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	408698		
182	94.8	78.2	117.4	
145	31.7	21.6	32.4	





#31

Naphthalene

Concen: 47.60 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

Instrument :

BNA_F

ClientSampleId :

CPSIDW-1MSD

Tot Ion:128 Resp: 1323488

Ion Ratio Lower Upper

128 100

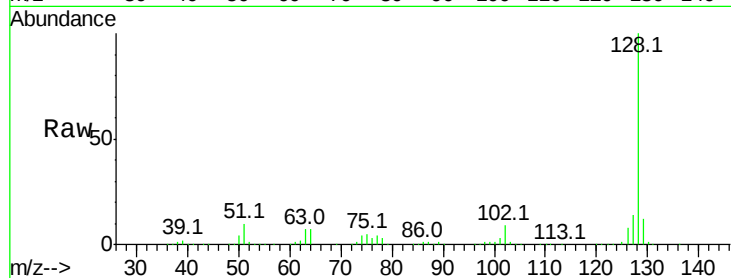
129 11.6 9.5 14.3

127 13.7 10.8 16.2

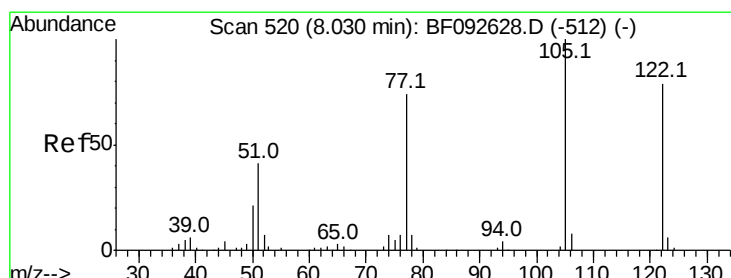
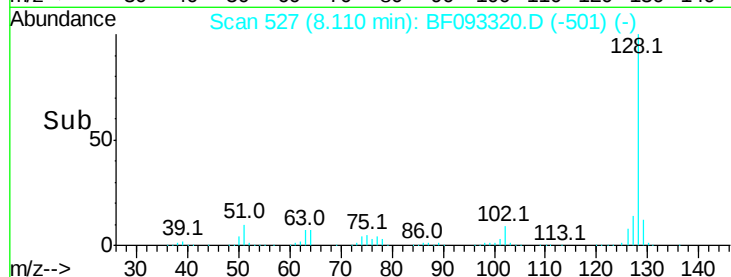
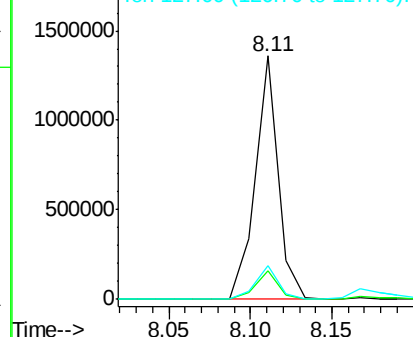
Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 51.47 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

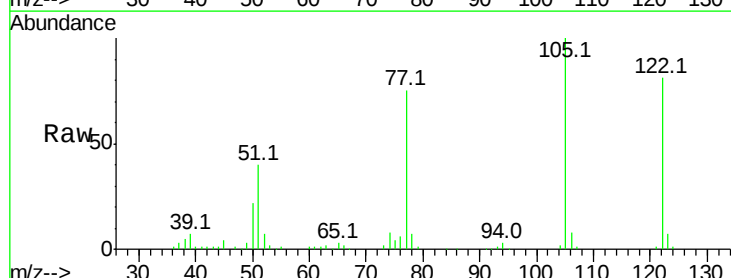
Tgt Ion:122 Resp: 249136

Ion Ratio Lower Upper

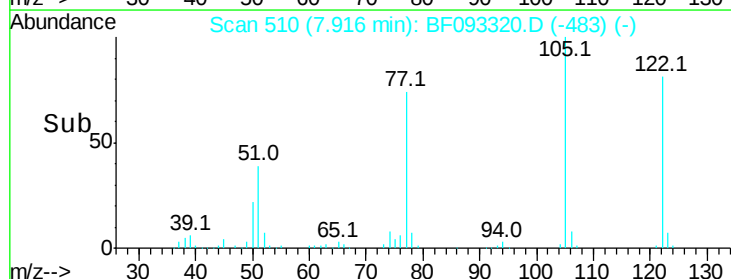
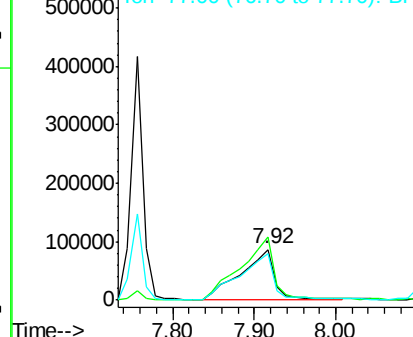
122 100

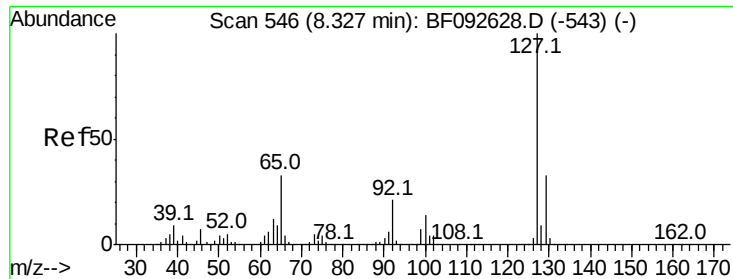
105 123.5 107.2 147.2

77 92.7 74.5 114.5



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





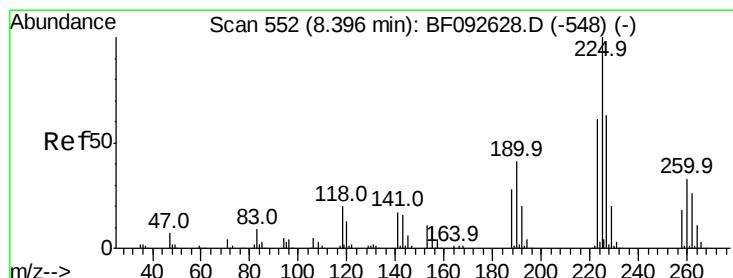
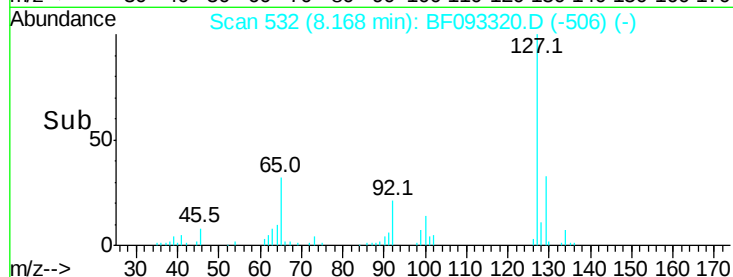
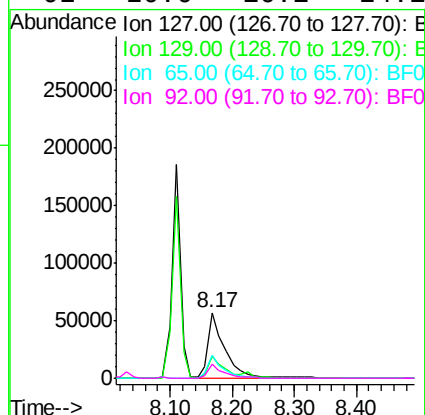
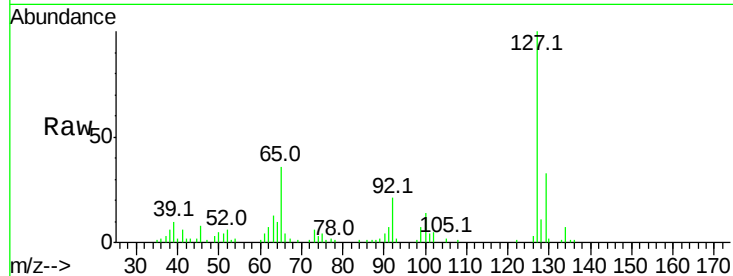
#33
4-Chloroaniline
Concen: 10.09 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
CPSIDW-1MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	35.6	25.8	38.8
92	20.6	16.1	24.1

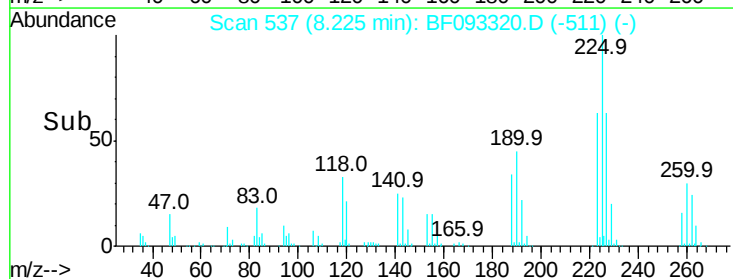
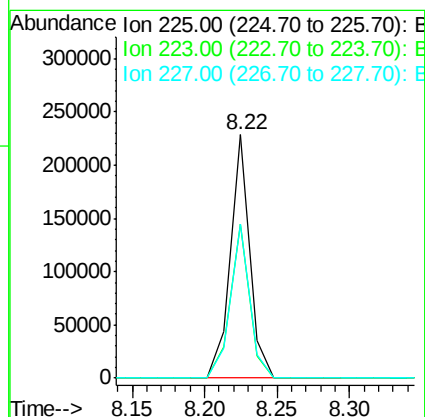
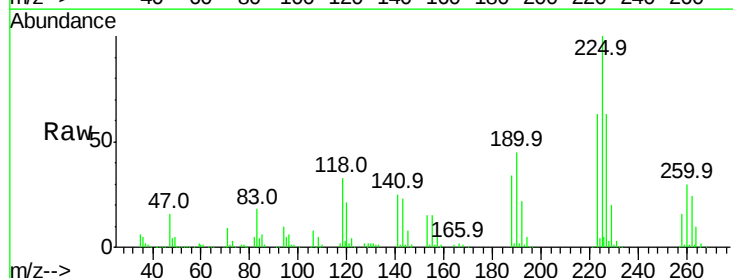
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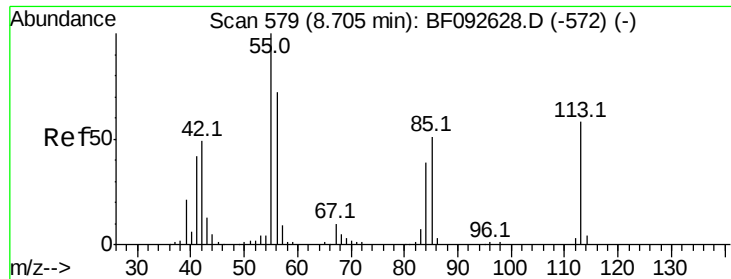
mohammad
3/3/2017 5:16:28 PM



#34
Hexachlorobutadiene
Concen: 45.40 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

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





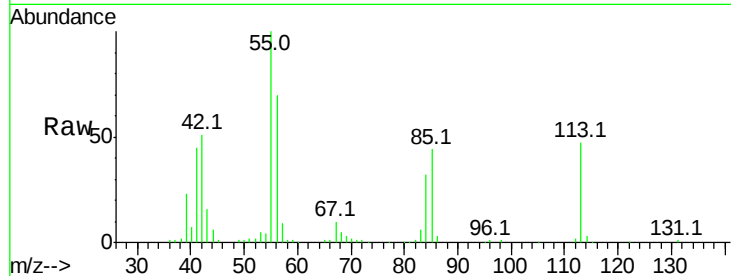
#35
 Caprolactam
 Concen: 50.04 ng/ml
 RT: 8.56 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF093320.D
 Acq: 2 Mar 2017 13:47

Instrument :
 BNA_F
 ClientSampleId :
 CPSIDW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	212.9	119.2	159.2	
56	149.7	83.8	123.8	

Manual Integrations
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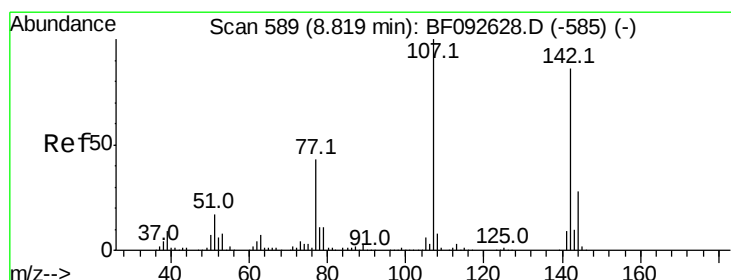
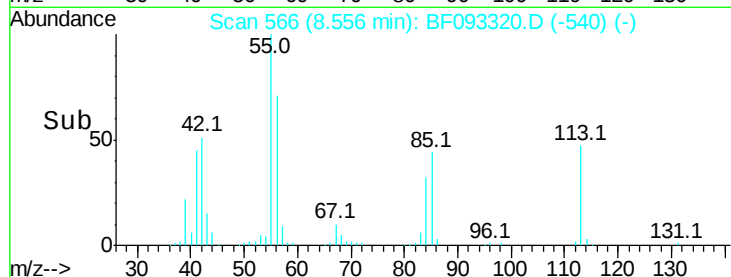
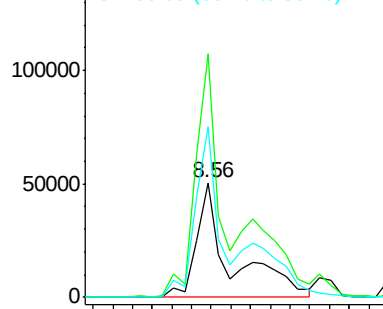


Abundance

Ion 113.00 (112.70 to 113.70): E

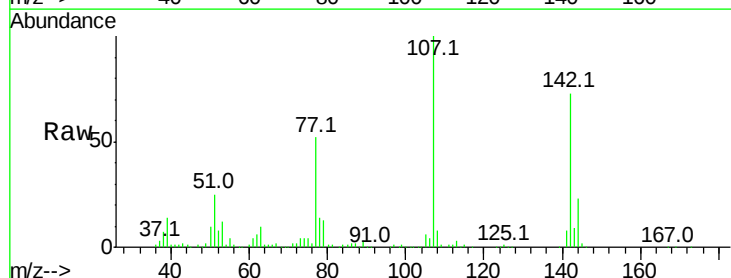
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36
 4-Chloro-3-methylphenol
 Concen: 52.45 ng/ml
 RT: 8.67 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF093320.D
 Acq: 2 Mar 2017 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	23.2	19.3	28.9	
142	72.6	59.0	88.6	

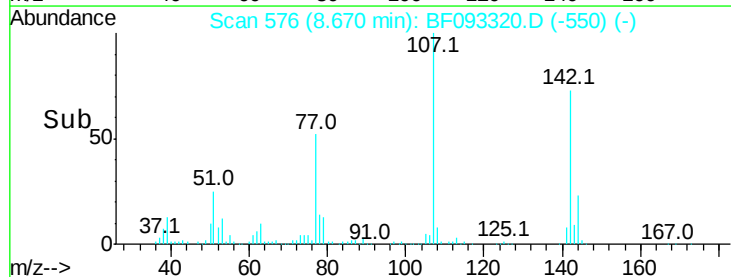
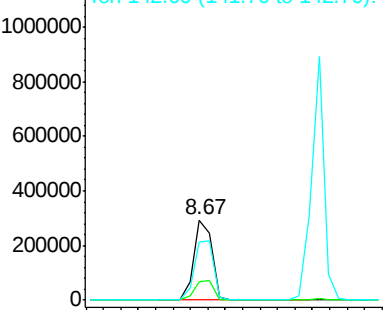


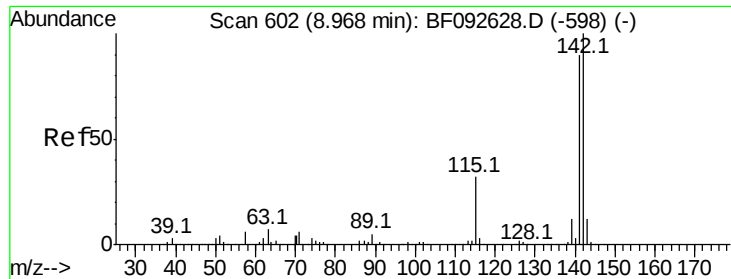
Abundance

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





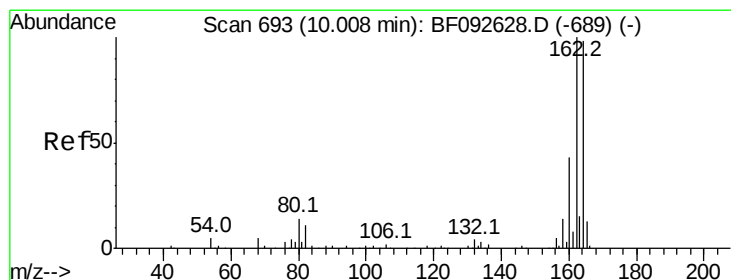
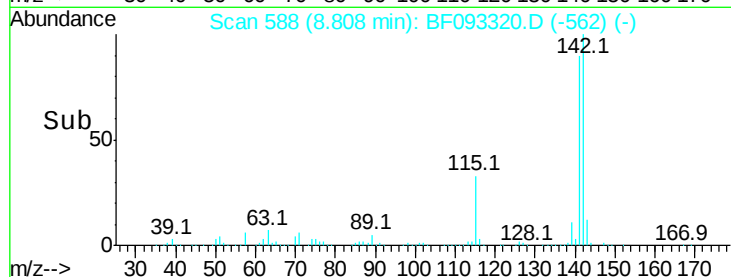
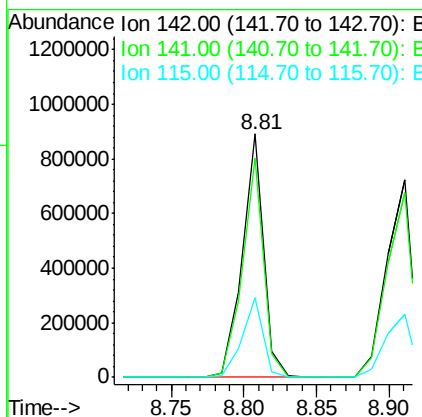
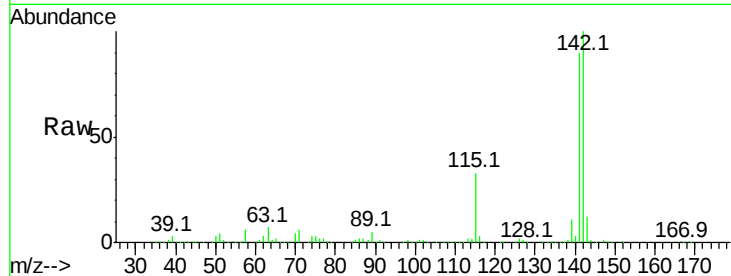
#37
2-Methylnaphthalene
Concen: 50.81 ng
RT: 8.81 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
CPSIDW-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.0	106.6
115	32.8	28.3	42.5

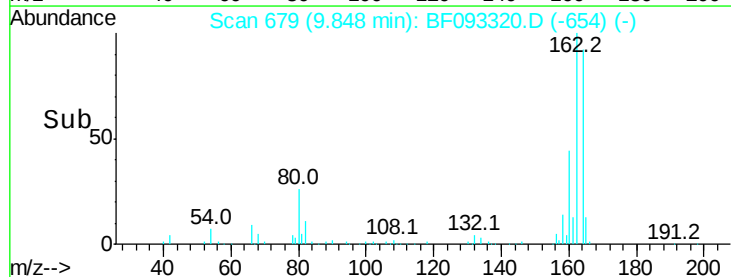
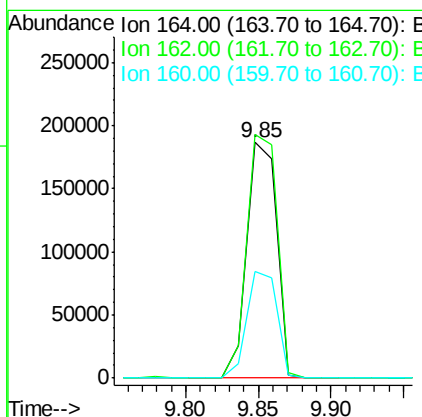
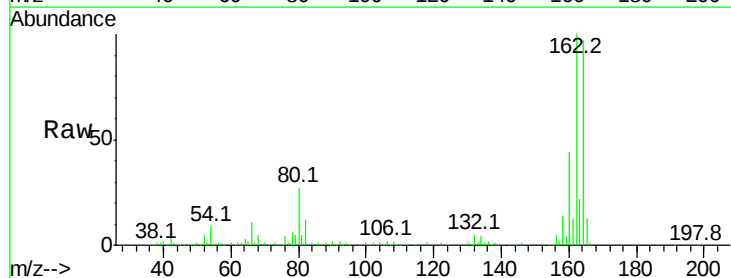
Manual Integrations
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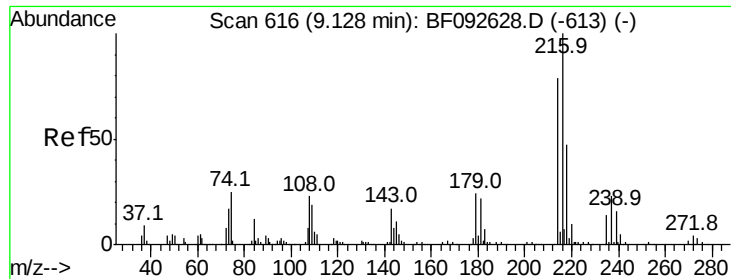
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	80.2	120.2
160	45.0	36.9	55.3





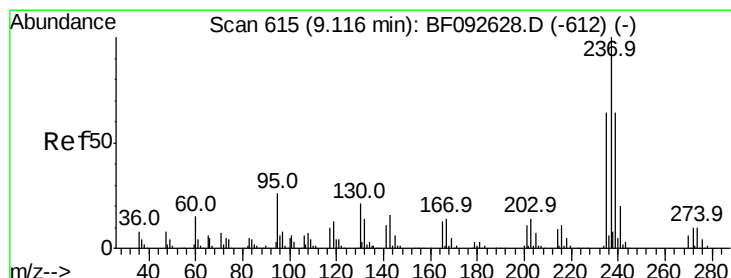
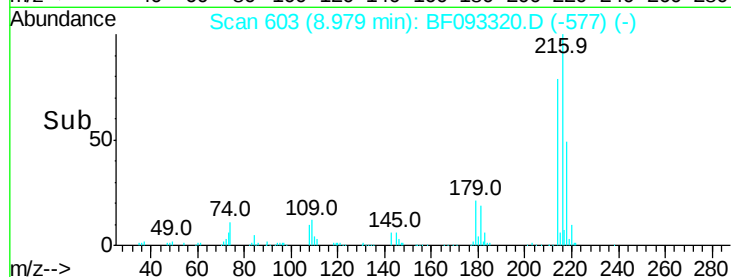
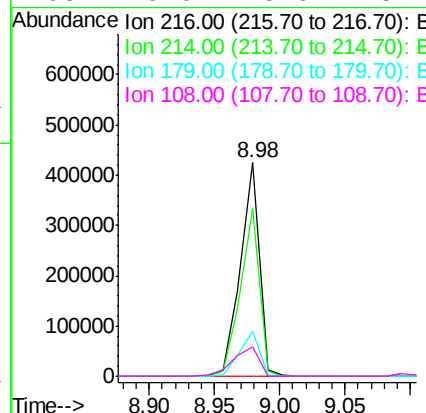
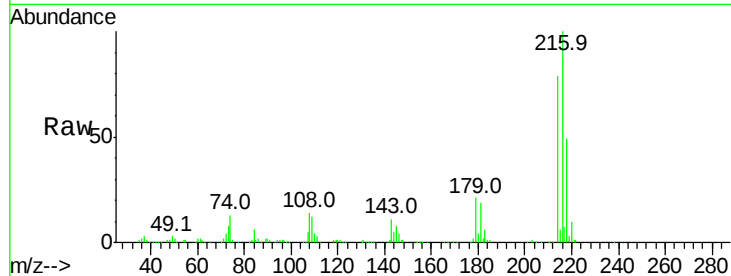
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 56.72 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF093320.D
 Acq: 2 Mar 2017 13:47

Instrument :
 BNA_F
 ClientSampleId :
 CPSIDW-1MSD

Tot Ion:	216	Resp:	425564
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.4	95.0
179	21.6	17.4	26.2
108	19.0	15.6	23.4

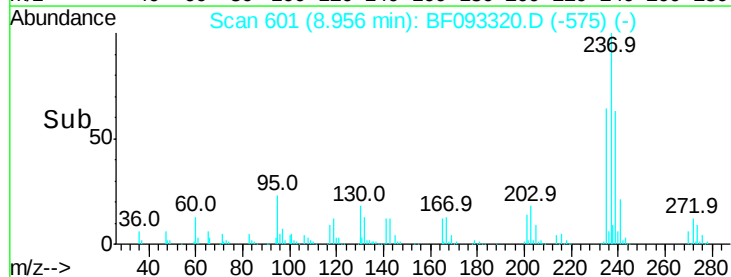
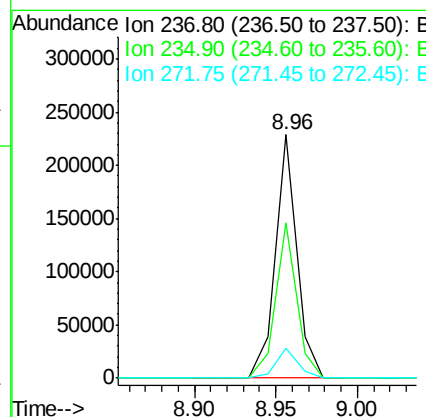
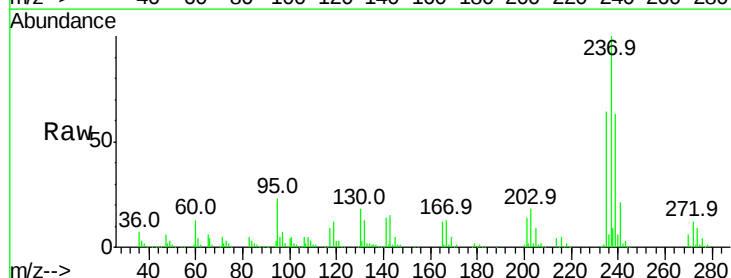
Manual Integrations
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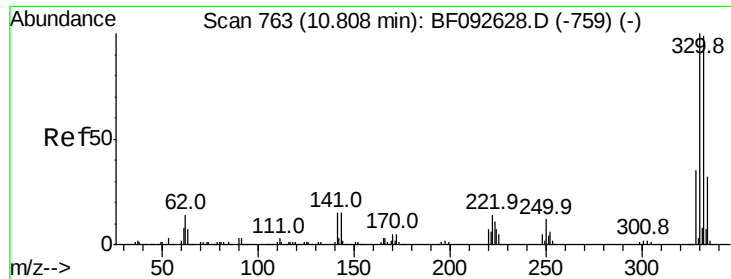
mohammad
 3/3/2017 5:16:28 PM



#40
 Hexachlorocyclopentadiene
 Concen: 62.24 ng
 RT: 8.96 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF093320.D
 Acq: 2 Mar 2017 13:47

Tgt Ion:	237	Resp:	210713
Ion Ratio	Lower	Upper	
237	100		
235	63.9	41.2	81.2
272	12.3	0.0	35.4





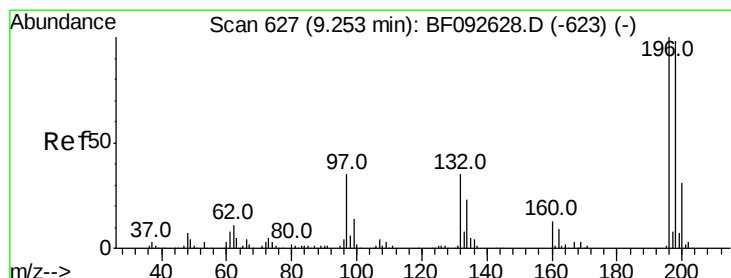
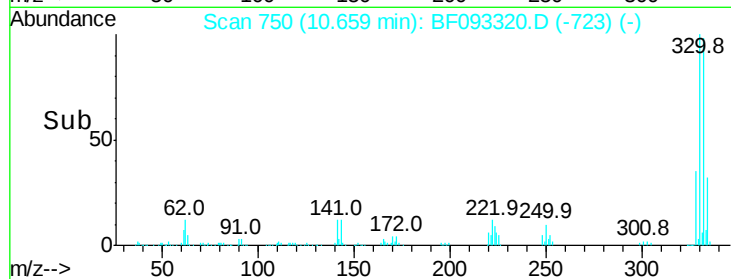
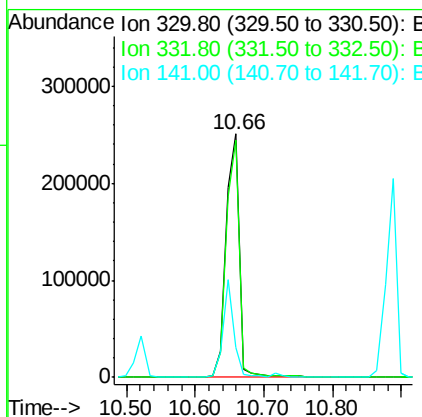
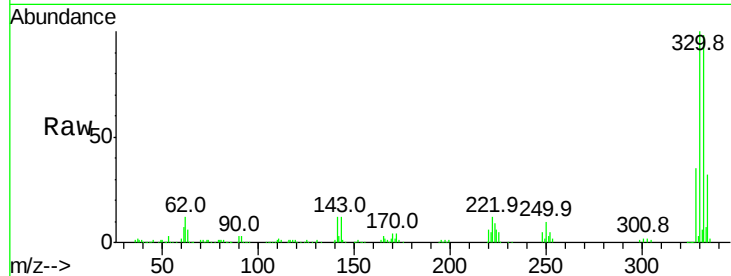
#41
 2,4,6-Tribromophenol
 Concen: 178.85 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.01 min
 Lab File: BF093320.D
 Acq: 2 Mar 2017 13:47

Instrument :
 BNA_F
 ClientSampleId :
 CPSIDW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	345769		
332	96.6		77.4	116.2
141	33.0		34.1	51.1#

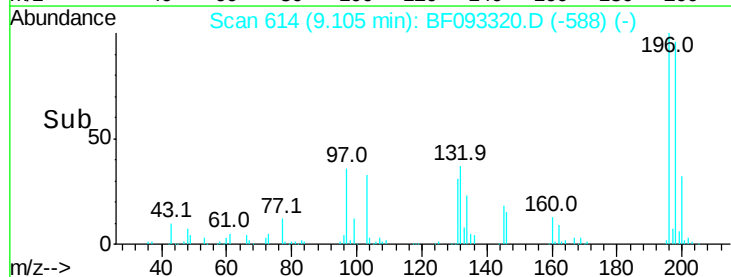
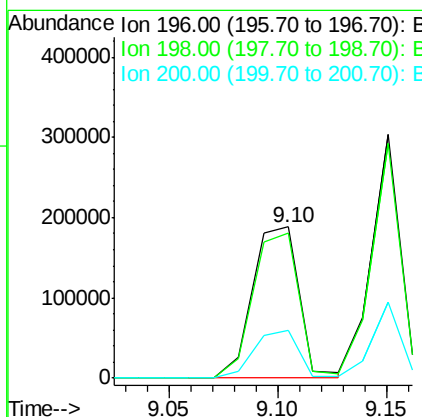
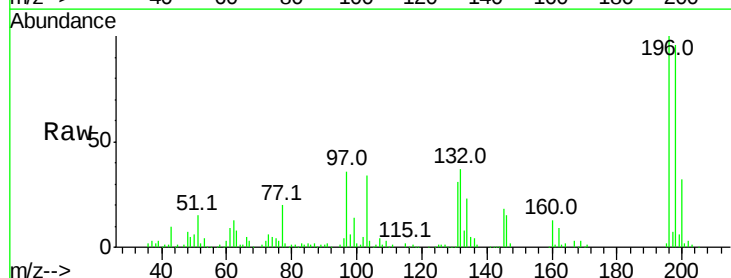
Manual Integrations
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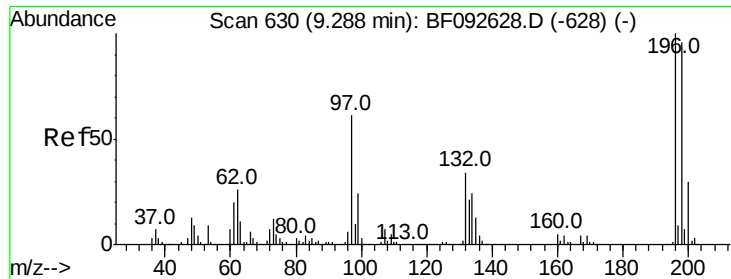
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 57.13 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF093320.D
 Acq: 2 Mar 2017 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	281690		
198	96.2		82.1	123.1
200	31.8		27.0	40.4





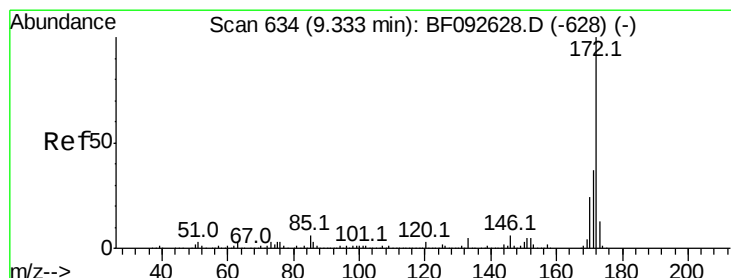
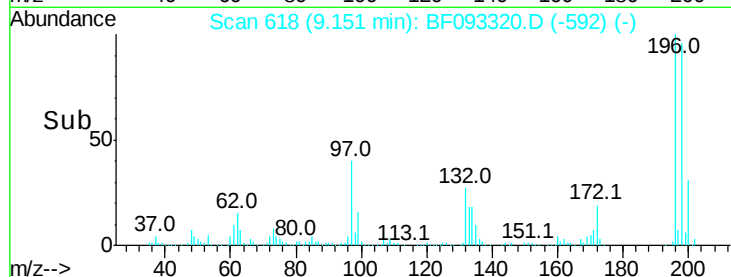
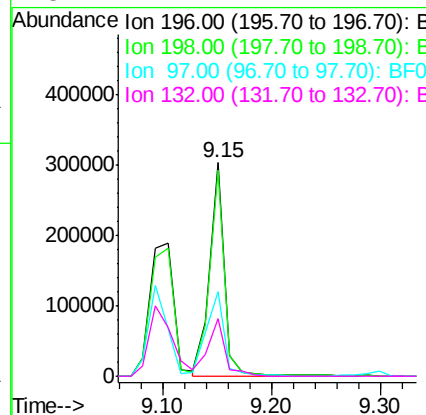
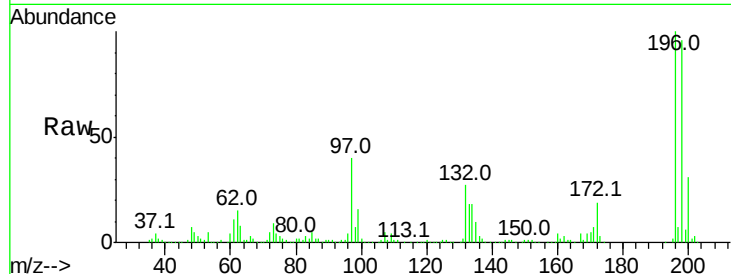
#43
 2,4,5-Trichlorophenol
 Concen: 53.48 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF093320.D
 Acq: 2 Mar 2017 13:47

Instrument :
 BNA_F
 ClientSampleId :
 CPSIDW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	288920		
198	96.2	79.4	119.2	
97	39.8	51.5	77.3	
132	27.1	27.4	41.2	

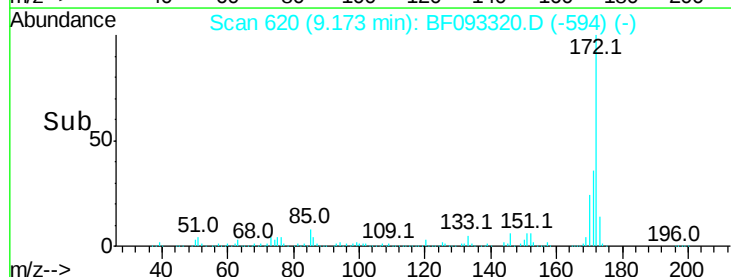
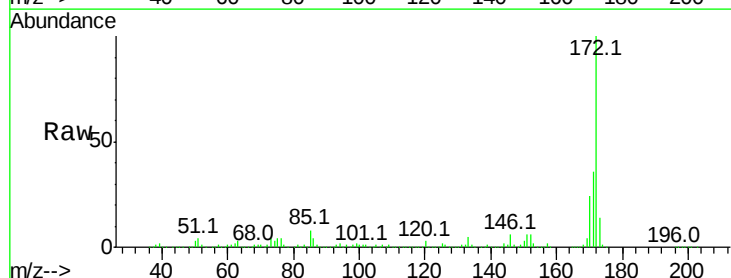
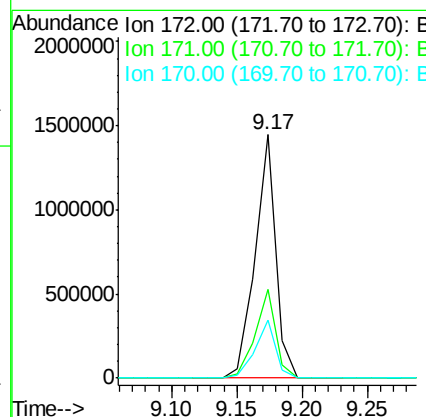
Manual Integrations
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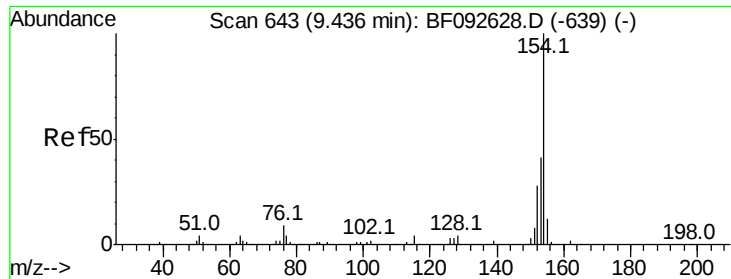
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#44
 2-Fluorobiphenyl
 Concen: 107.78 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF093320.D
 Acq: 2 Mar 2017 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1590215		
171	36.5	29.4	44.0	
170	23.9	20.2	30.4	





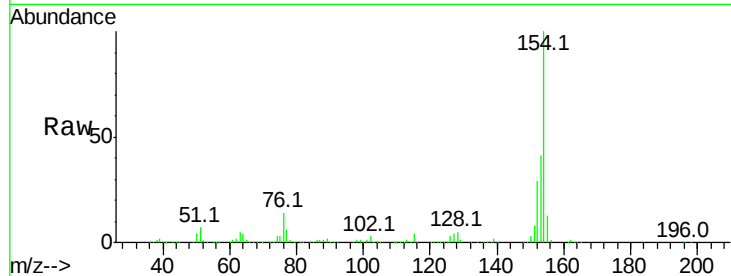
#45
1,1'-Biphenyl
Concen: 57.89 ng
RT: 9.28 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
CPSIDW-1MSD

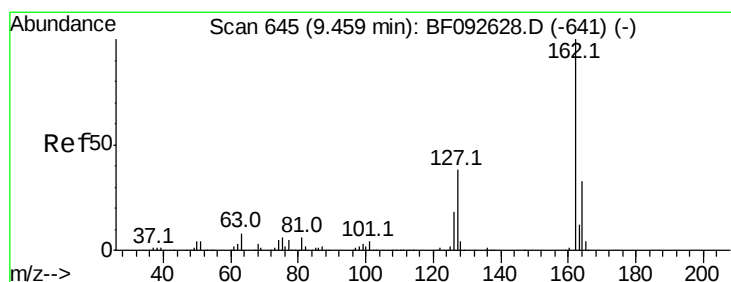
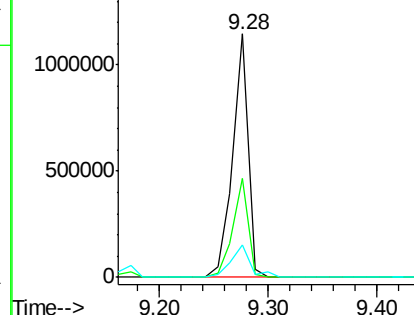
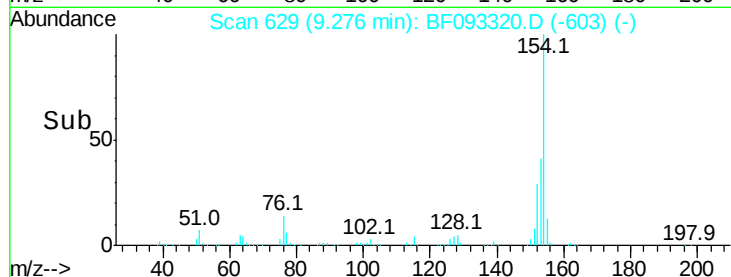
Tot Ion:154 Resp: 1120490
Ion Ratio Lower Upper
154 100
153 40.7 20.9 60.9
76 13.5 0.0 30.5

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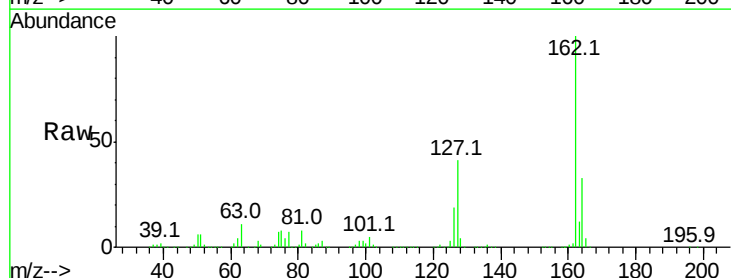


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

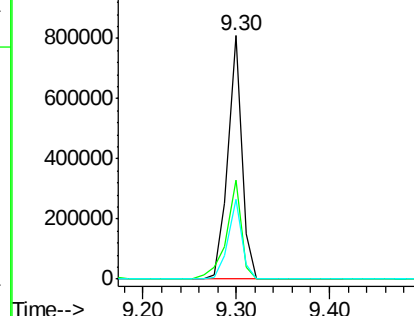
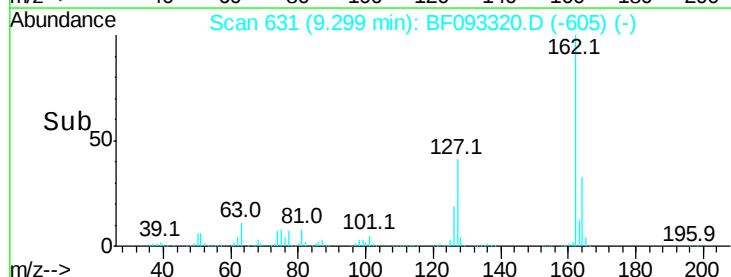


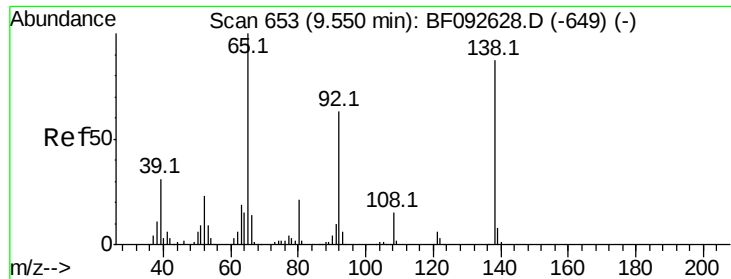
#46
2-Chloronaphthalene
Concen: 55.62 ng
RT: 9.30 min Scan# 631
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Tgt Ion:162 Resp: 842179
Ion Ratio Lower Upper
162 100
127 40.5 30.7 46.1
164 33.0 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





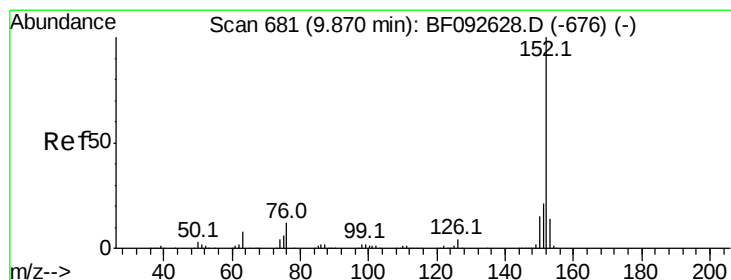
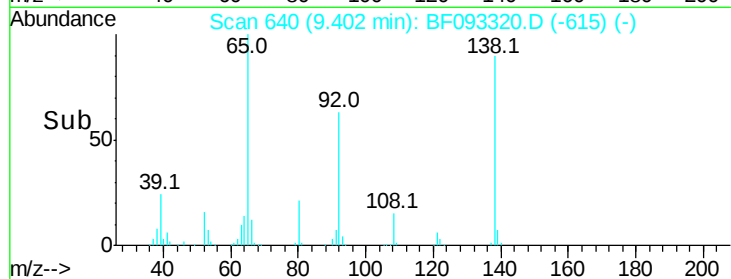
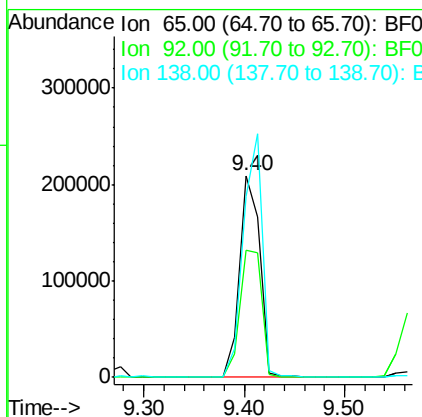
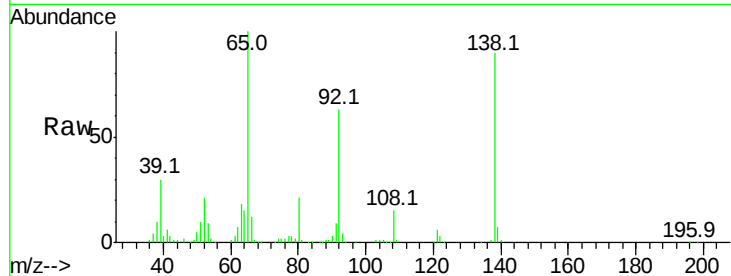
#47
2-Nitroaniline
Concen: 57.71 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
CPSIDW-1MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.9	53.9	80.9
138	89.7	76.8	115.2

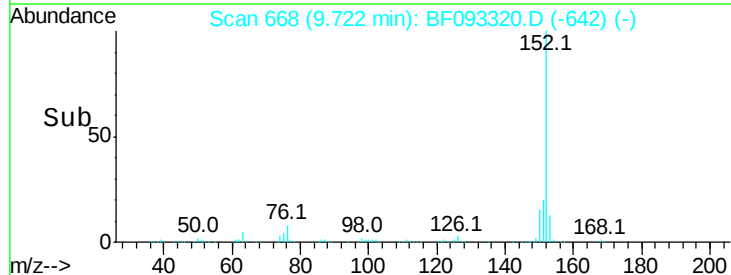
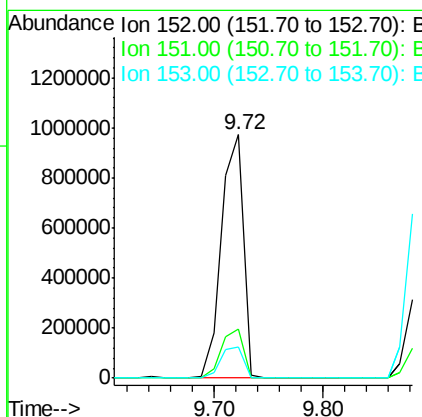
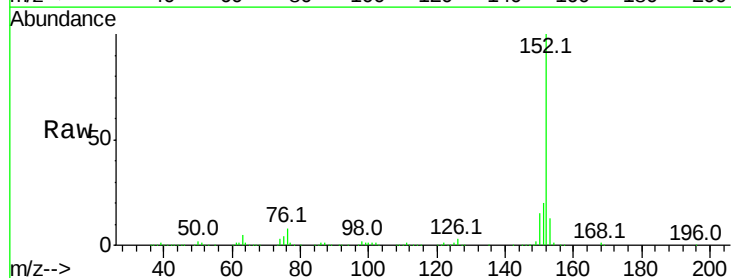
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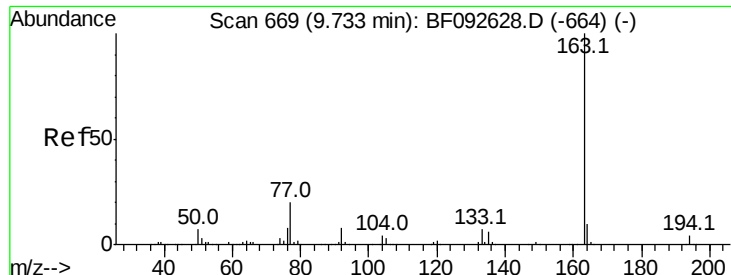
mohammad
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#48
Acenaphthylene
Concen: 51.99 ng
RT: 9.72 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.9	25.3
153	13.0	11.4	17.2





#49

Dimethylphthalate

Concen: 57.86 ng

RT: 9.58 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

Instrument :

BNA_F

ClientSampleId :

CPSIDW-1MSD

Tot Ion:163 Resp: 1041727

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

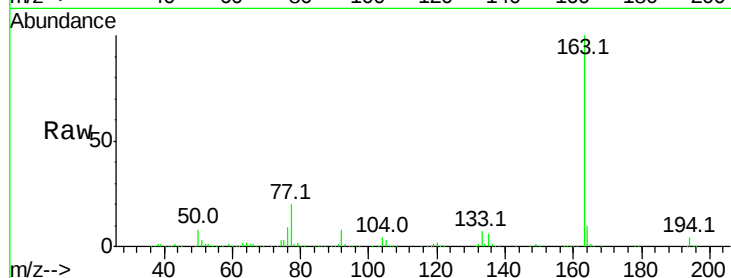
164 10.3 8.0 12.0

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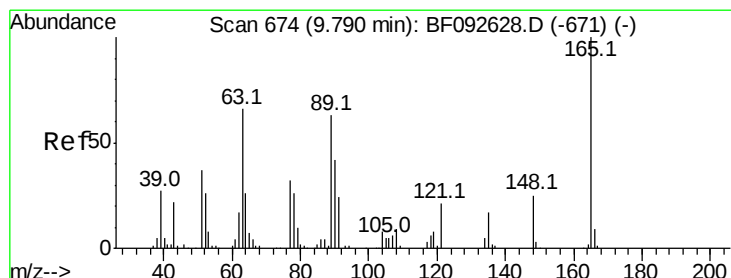
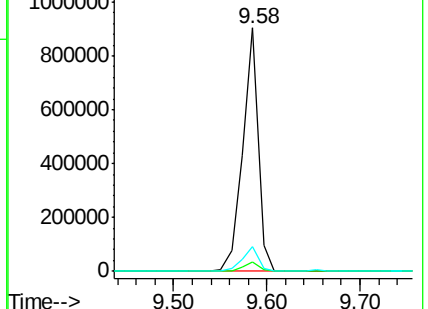
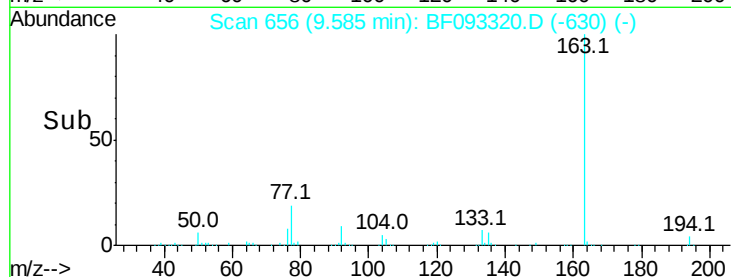
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 64.06 ng

RT: 9.65 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

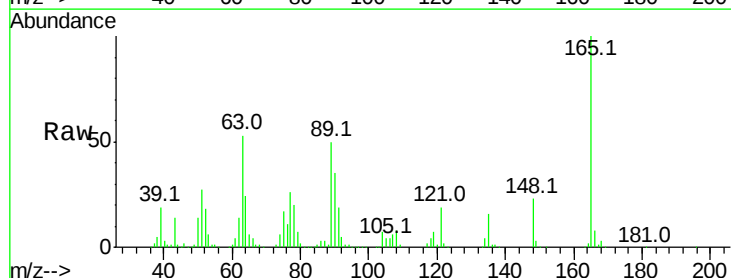
Tgt Ion:165 Resp: 249069

Ion Ratio Lower Upper

165 100

63 53.5 36.2 54.4

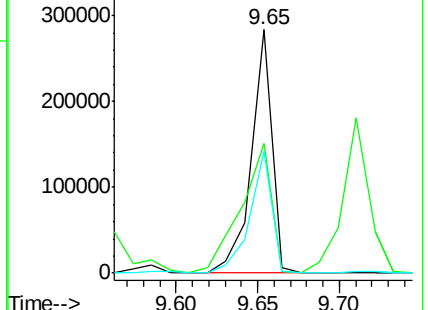
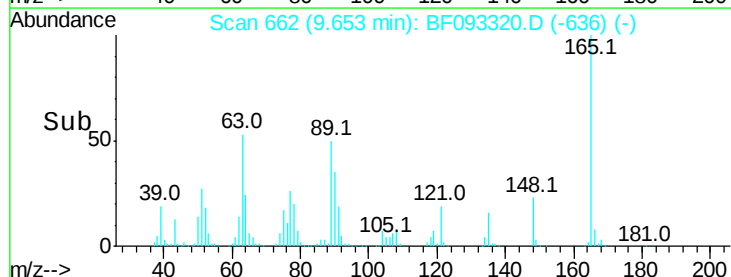
89 50.3 40.2 60.4

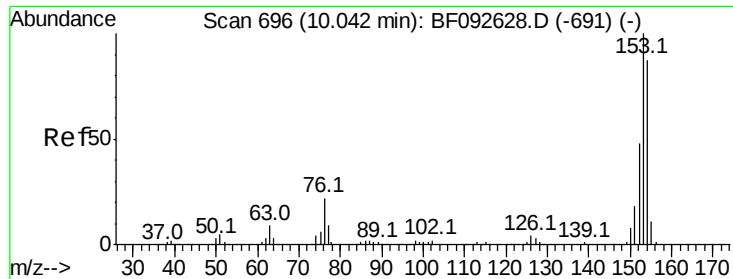


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 51.30 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

Instrument :

BNA_F

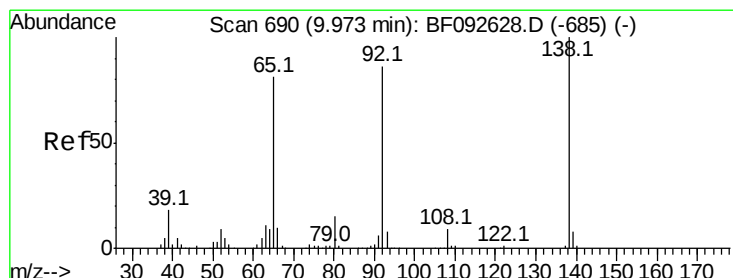
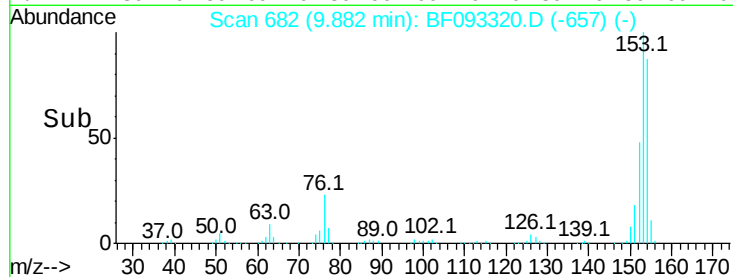
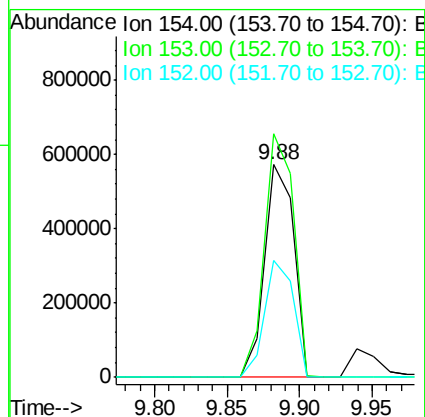
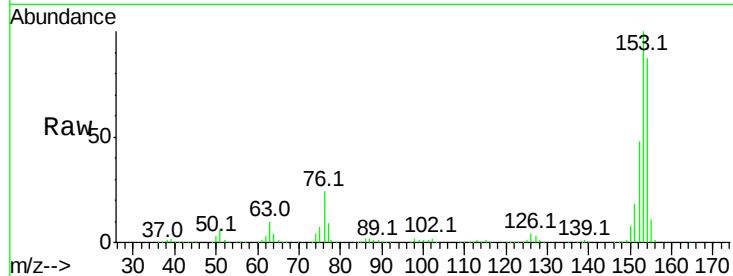
ClientSampleId :

CPSIDW-1MSD

Tot Ion:	154	Resp:	802206
Ion Ratio	Lower	Upper	
154	100		
153	114.7	88.6	133.0
152	55.0	41.6	62.4

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#52

3-Nitroaniline

Concen: 12.69 ng

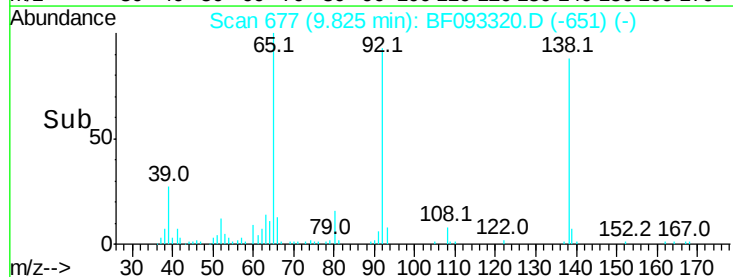
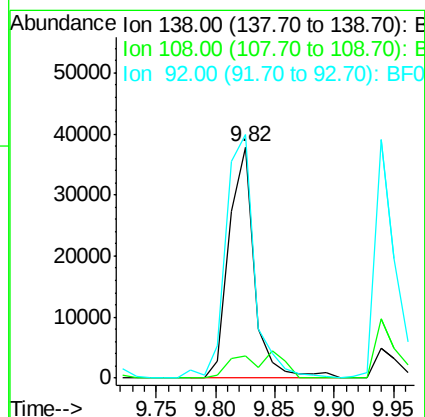
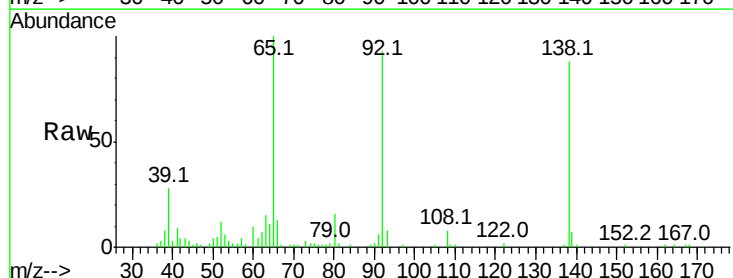
RT: 9.82 min Scan# 677

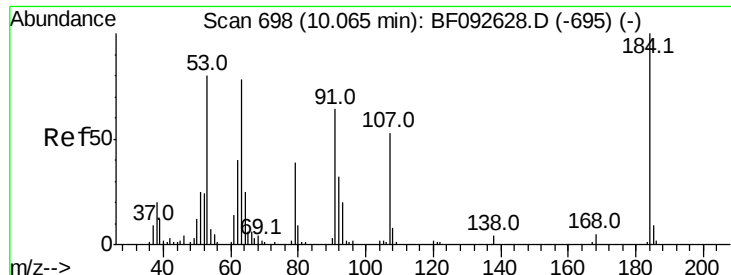
Delta R.T. 0.00 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

Tgt Ion:	138	Resp:	56473
Ion Ratio	Lower	Upper	
138	100		
108	9.4	8.5	12.7
92	105.4	97.8	146.8





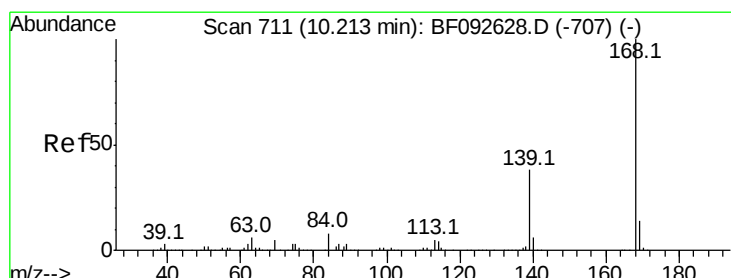
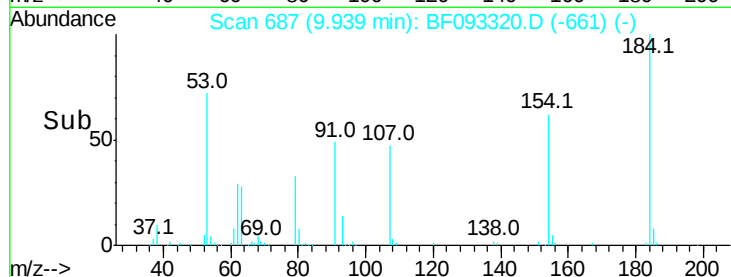
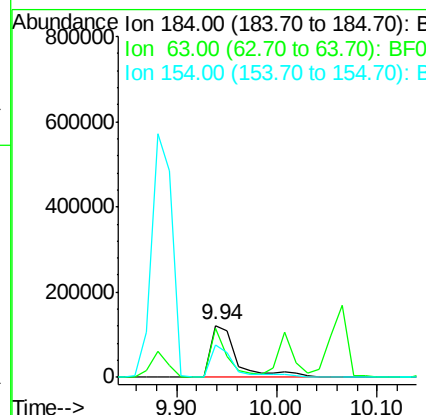
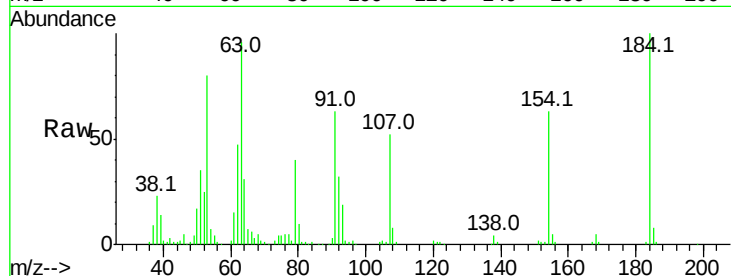
#53
2,4-Dinitrophenol
Concen: 110.19 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
CPSIDW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	95.8	28.4	42.6	
154	62.7	44.3	66.5	

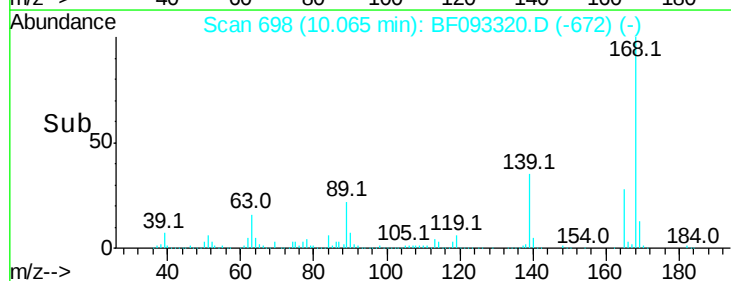
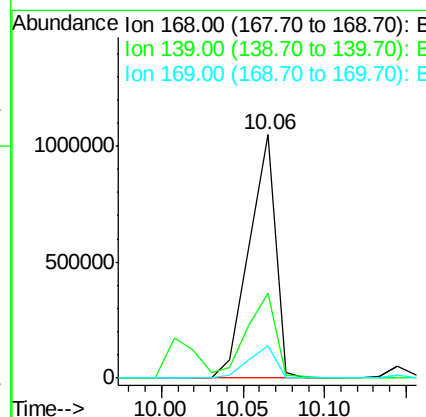
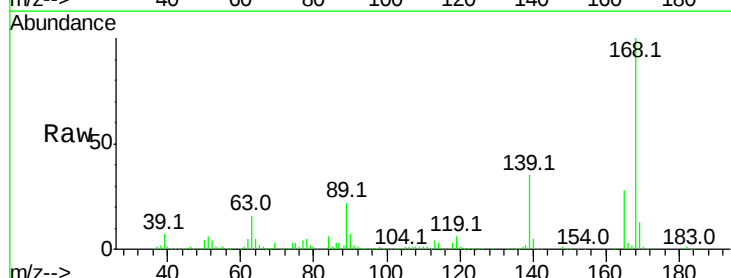
Manual Integrations
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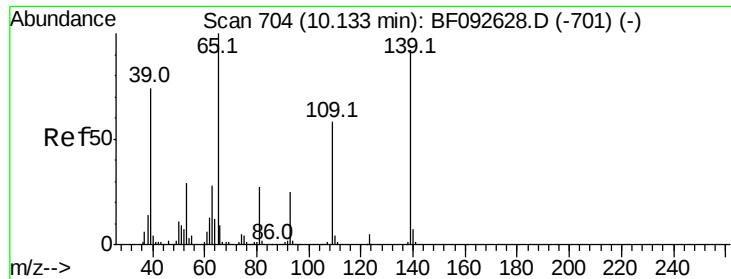
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#54
Dibenzofuran
Concen: 56.22 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	34.7	32.6	49.0	
169	13.3	11.3	16.9	





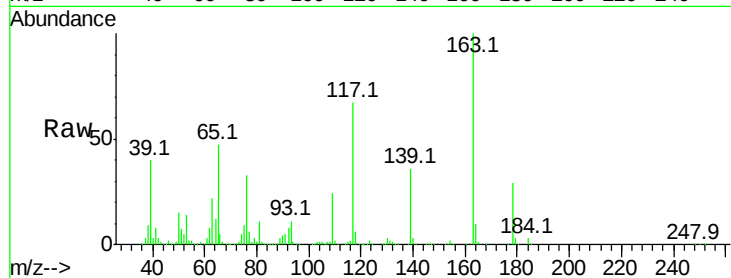
#55
4-Nitrophenol
Concen: 69.43 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
CPSIDW-1MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	66.2	52.2	92.2
65	131.1	85.8	125.8

Manual Integrations
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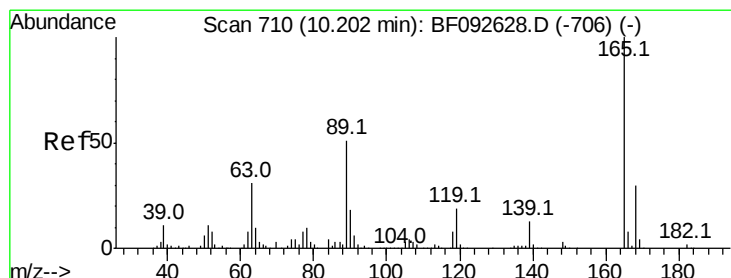
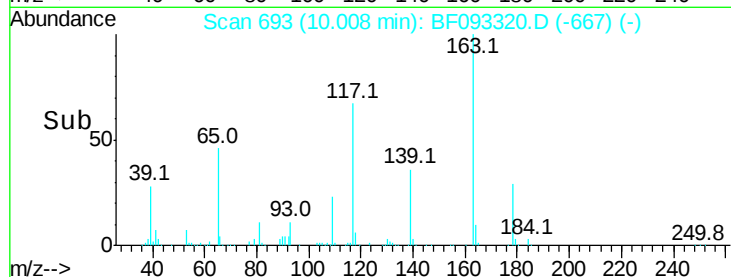
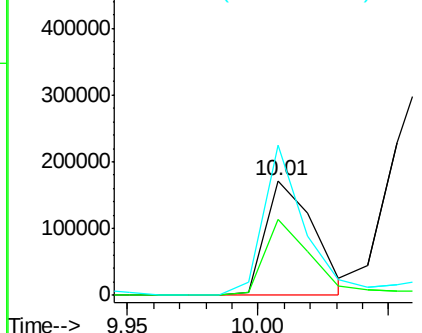


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 54.82 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.8	40.2	60.4
89	77.4	62.5	93.7
182	2.3	1.8	2.8

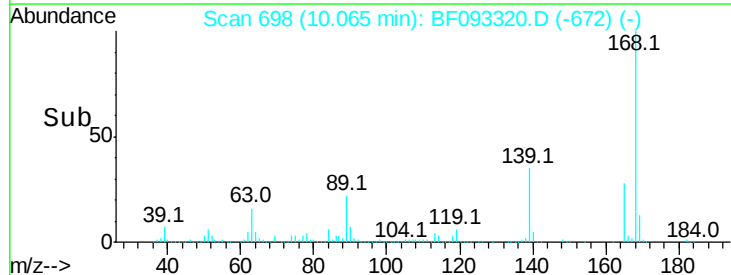
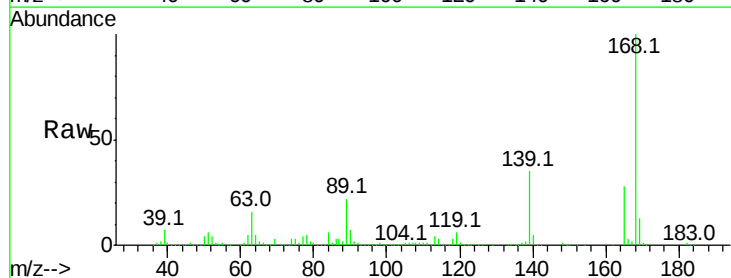
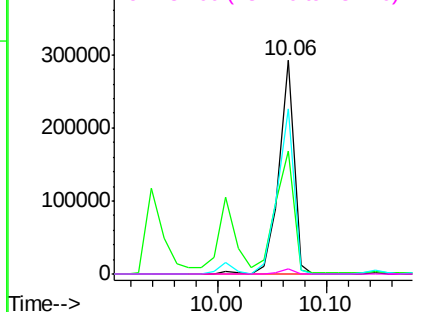
Abundance

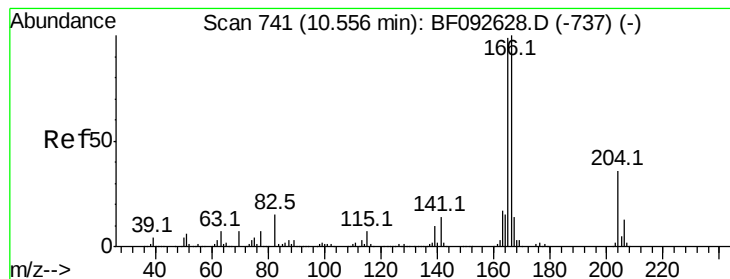
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 58.49 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

Instrument :

BNA_F

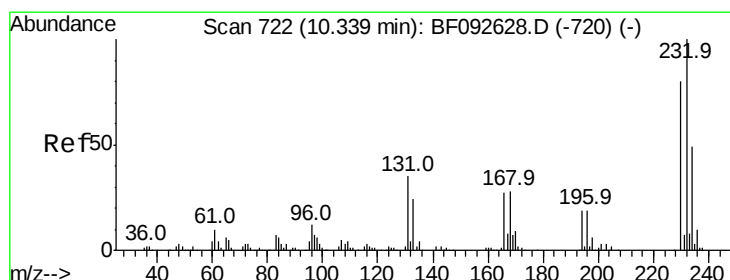
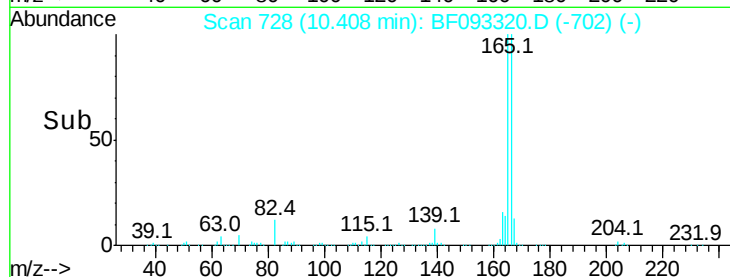
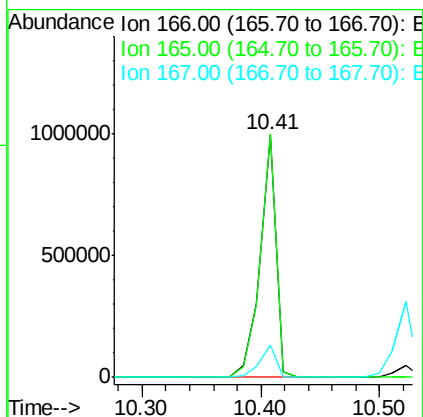
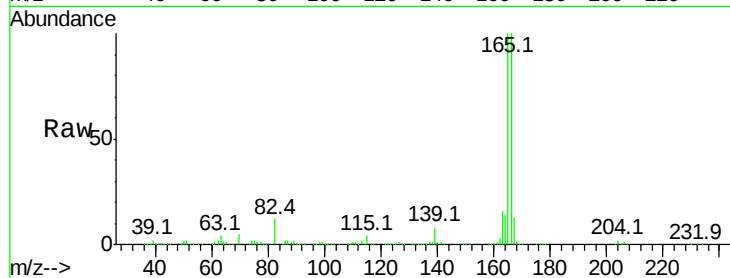
ClientSampleId :

CPSIDW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.4	77.8	116.8	
167	13.6	10.8	16.2	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 61.03 ng

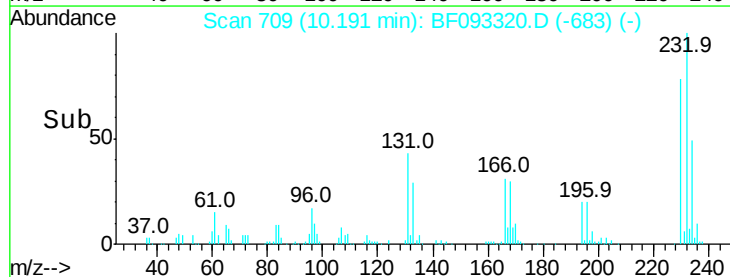
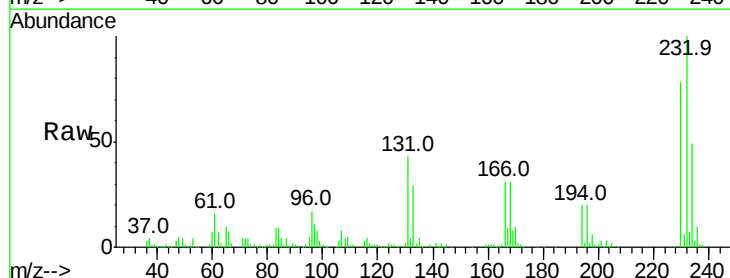
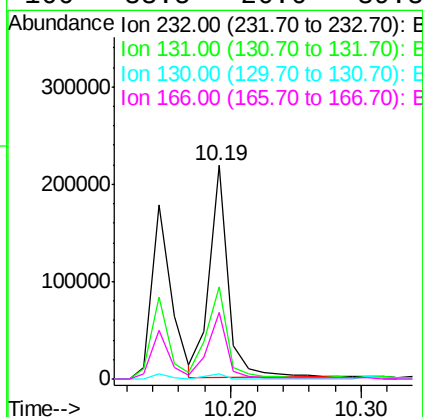
RT: 10.19 min Scan# 709

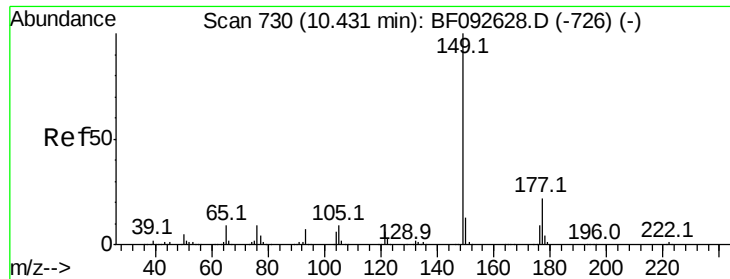
Delta R.T. 0.00 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	48.6	40.1	60.1	
130	2.5	1.8	2.8	
166	33.5	26.6	39.8	





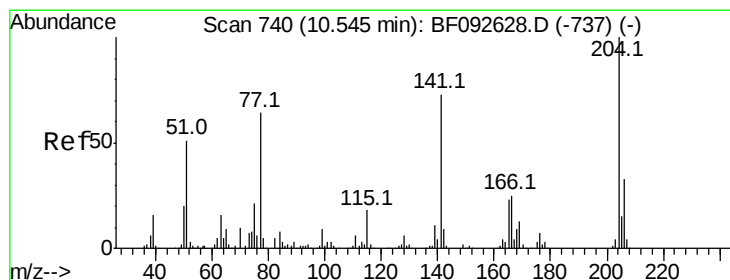
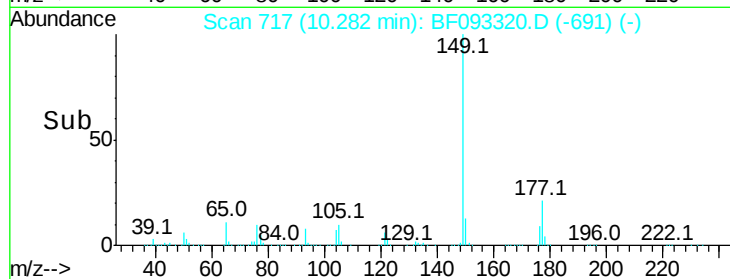
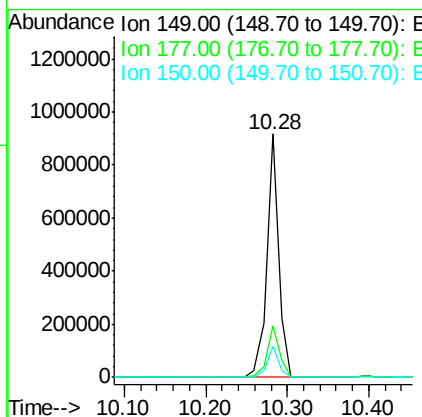
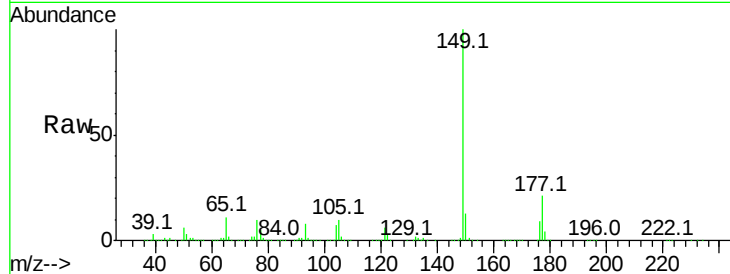
#59
Diethylphthalate
Concen: 55.85 ng
RT: 10.28 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
CPSIDW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	21.1	16.6	25.0	
150	12.8	10.4	15.6	

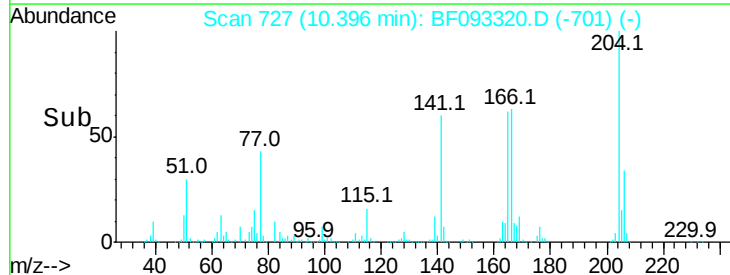
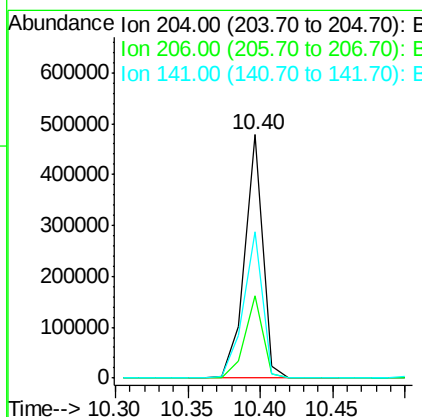
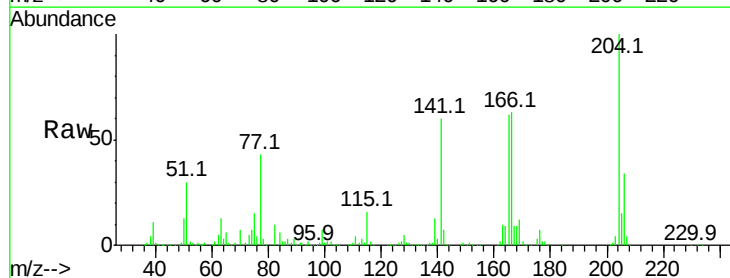
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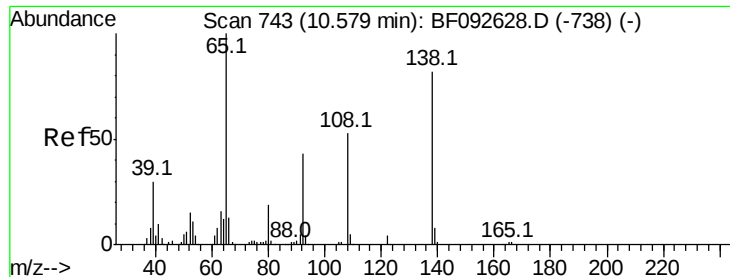
mohammad
3/3/2017 5:16:28 PM



#60
4-Chlorophenyl-phenylether
Concen: 54.04 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.6	25.8	38.6	
141	60.1	59.4	89.0	





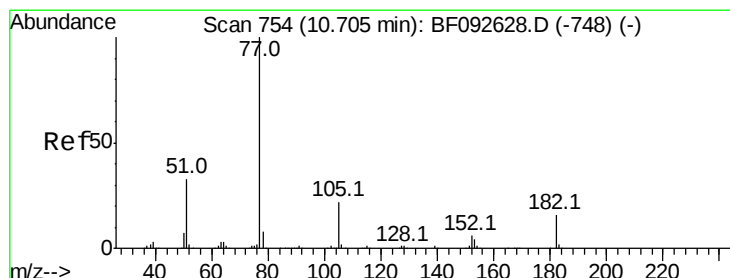
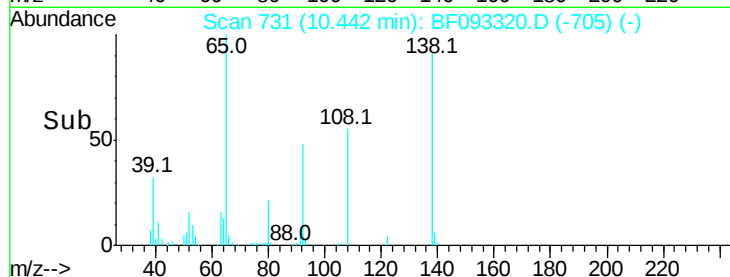
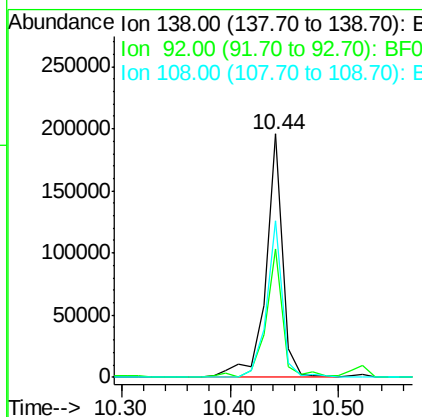
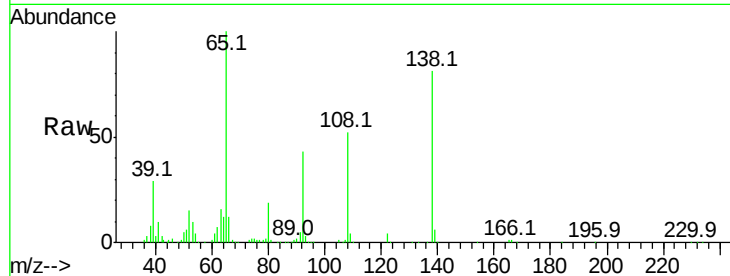
#61
4-Nitroaniline
Concen: 46.49 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
CPSIDW-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.7	31.7	71.7
108	64.4	52.6	92.6

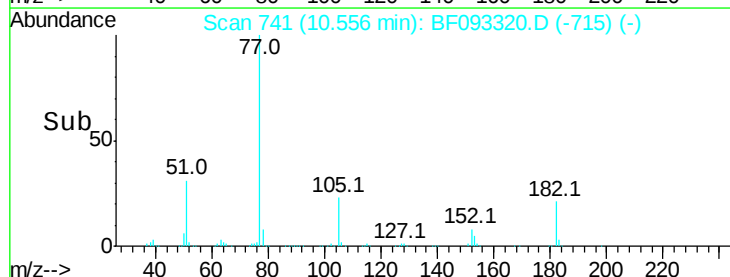
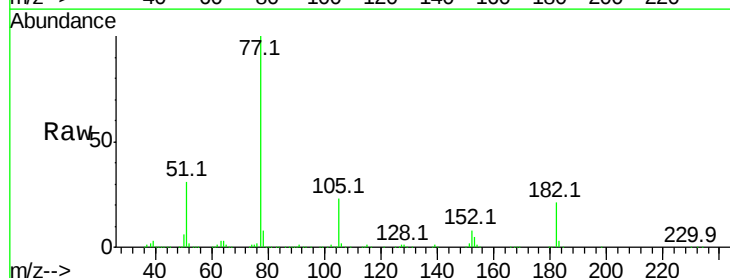
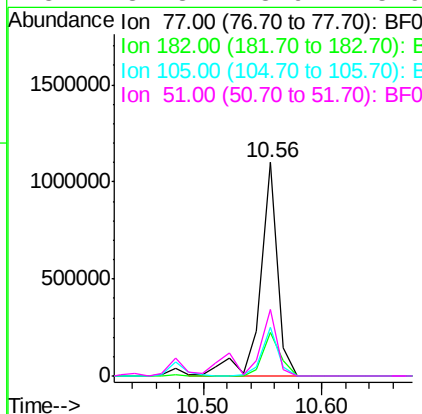
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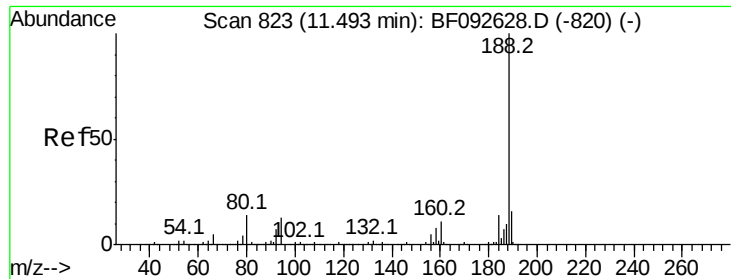
mohammad
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#62
Azobenzene
Concen: 64.14 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.5	0.0	39.3
105	22.9	2.3	42.3
51	31.3	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

Instrument :

BNA_F

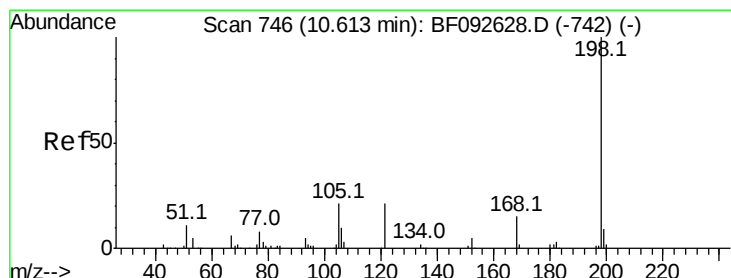
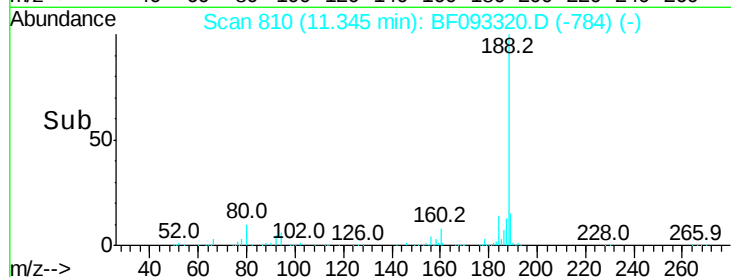
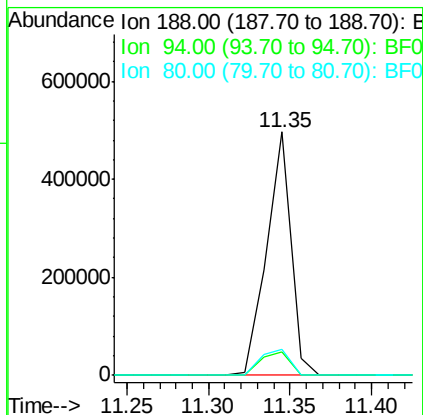
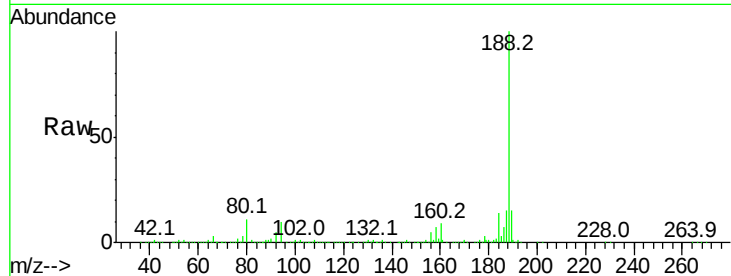
ClientSampleId :

CPSIDW-1MSD

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	10.0	15.0#
80	10.8	11.2	16.8#

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 47.70 ng

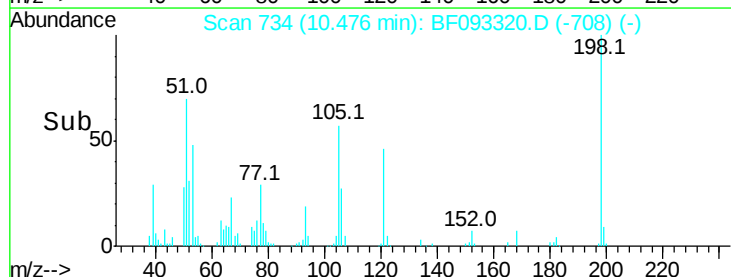
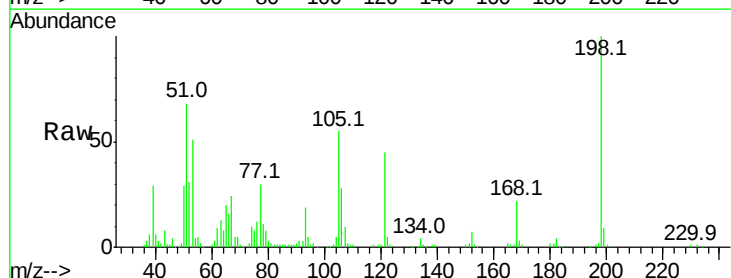
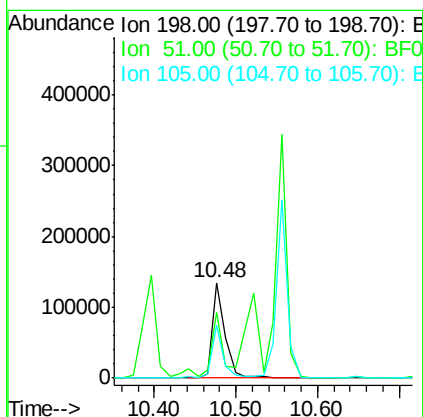
RT: 10.48 min Scan# 734

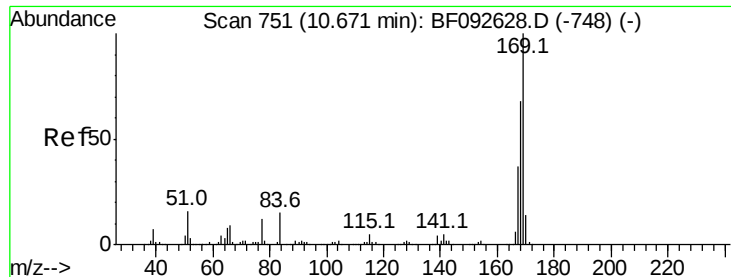
Delta R.T. 0.00 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

Tgt Ion	Ratio	Lower	Upper
198	100		
51	68.4	6.7	46.7#
105	55.2	16.6	56.6





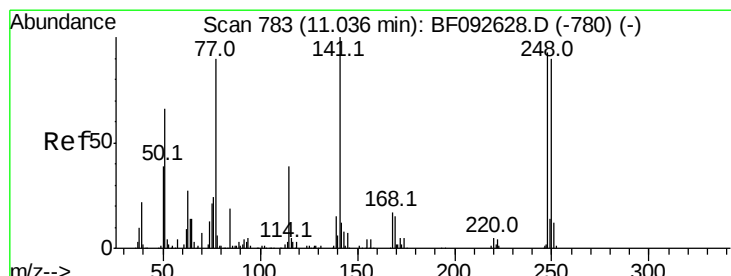
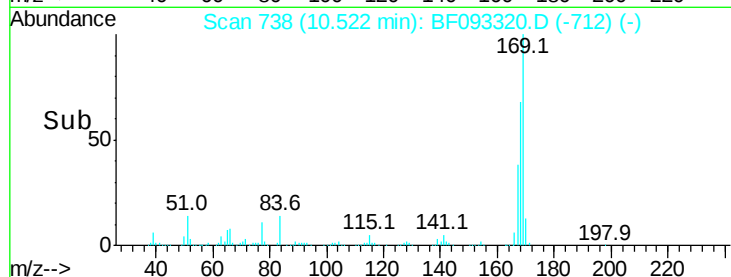
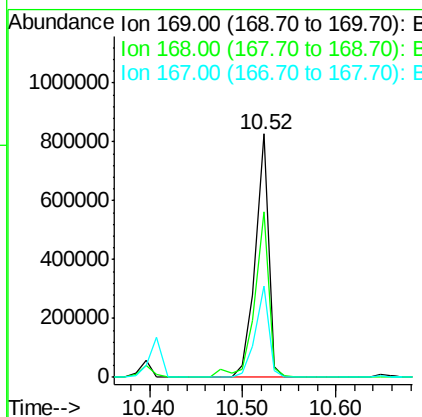
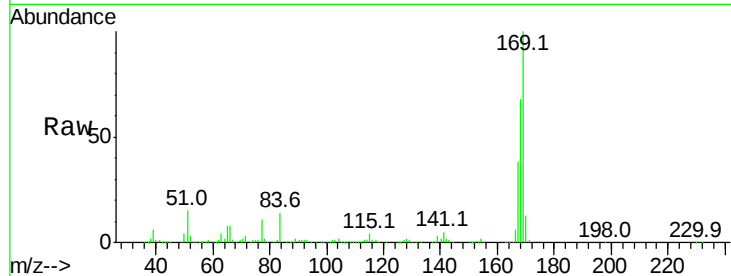
#65
n-Nitrosodiphenylamine
Concen: 49.72 ng
RT: 10.52 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
CPSIDW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	822005		
168	68.1		54.2	81.2
167	37.7		30.2	45.4

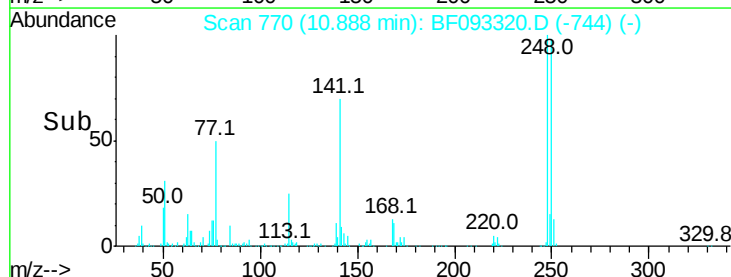
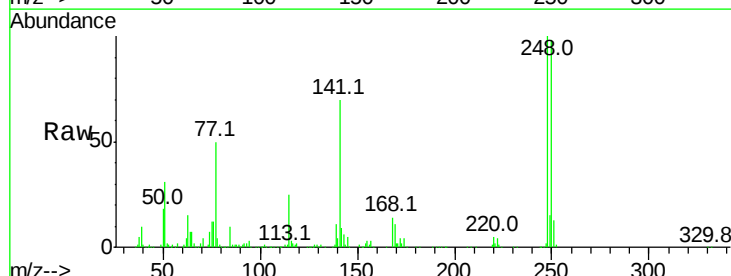
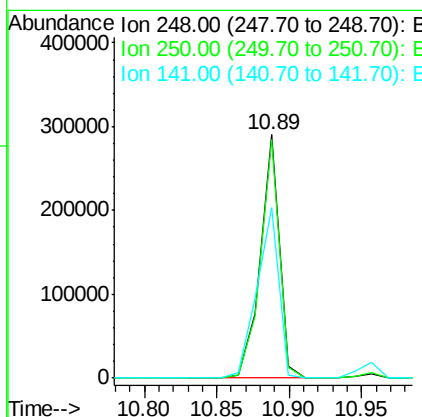
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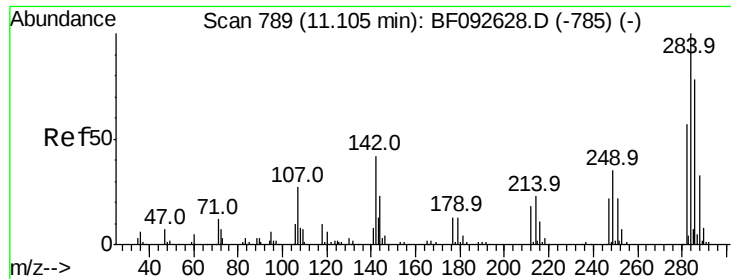
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 49.10 ng
RT: 10.89 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	265444		
250	97.9		76.9	115.3
141	70.3		68.2	102.4





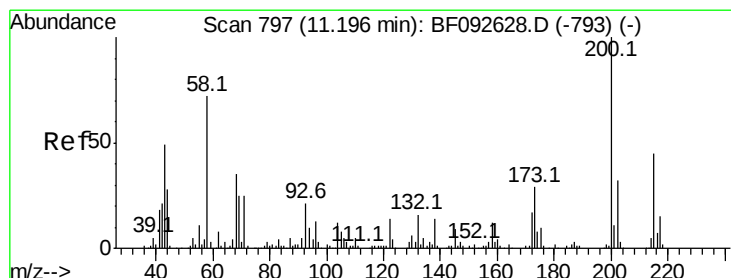
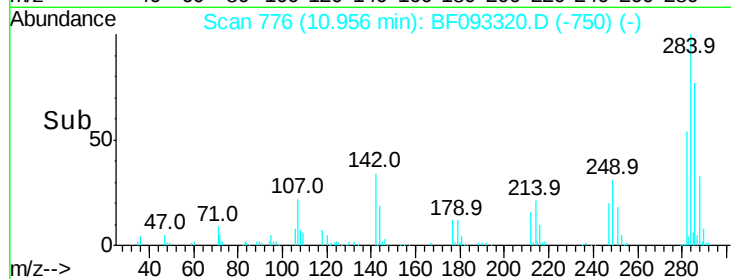
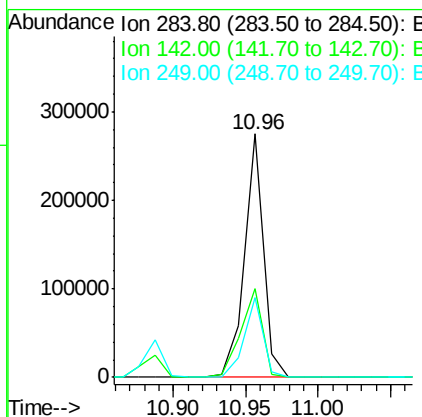
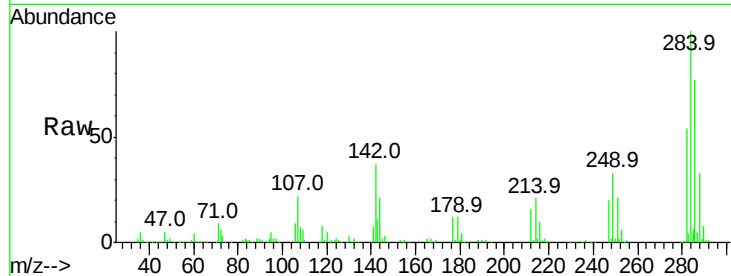
#67
Hexachlorobenzene
Concen: 46.82 ng
RT: 10.96 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
CPSIDW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	250162		
142	36.7	22.6	33.8#	
249	32.7	25.4	38.0	

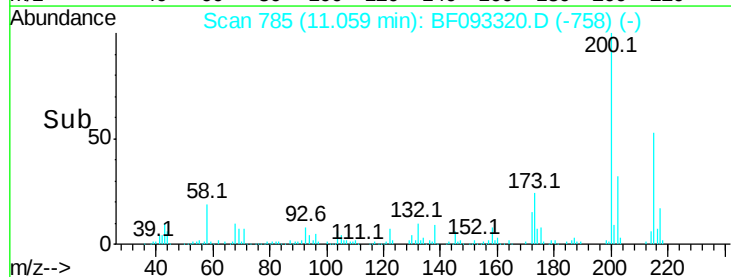
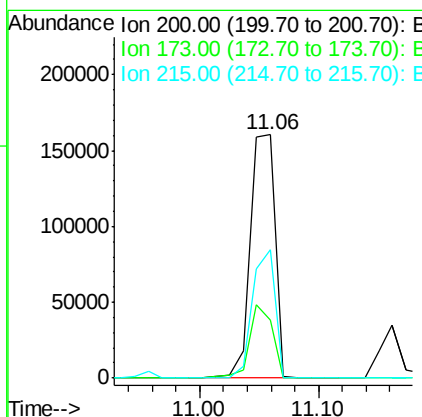
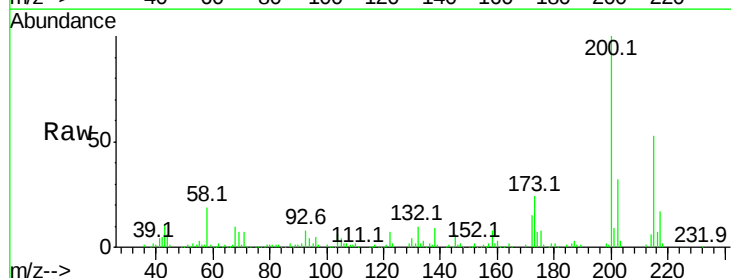
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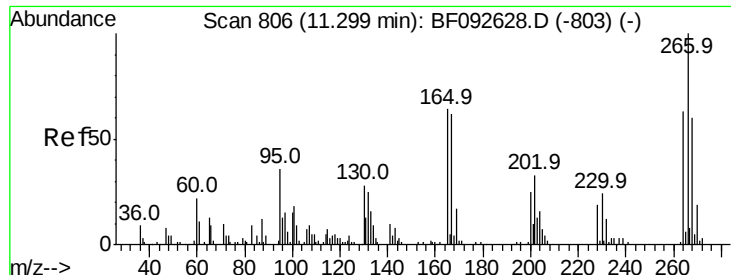
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#68
Atrazine
Concen: 44.24 ng
RT: 11.06 min Scan# 785
Delta R.T. 0.01 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	234673		
173	24.0	9.6	49.6	
215	52.6	25.7	65.7	





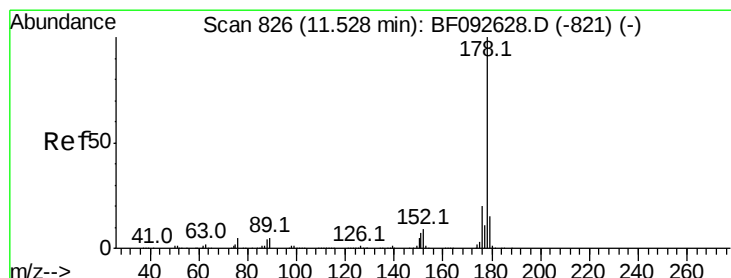
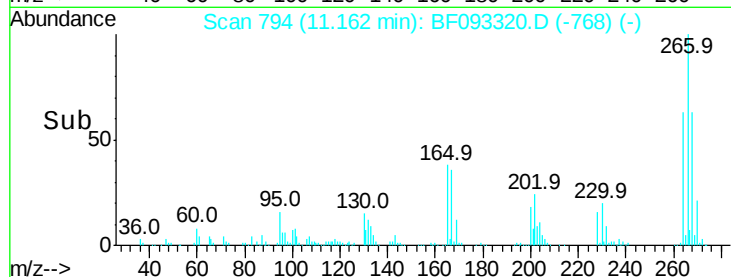
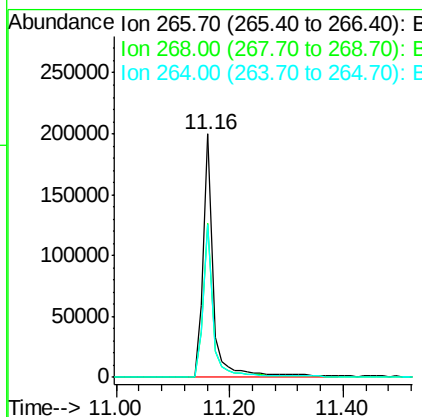
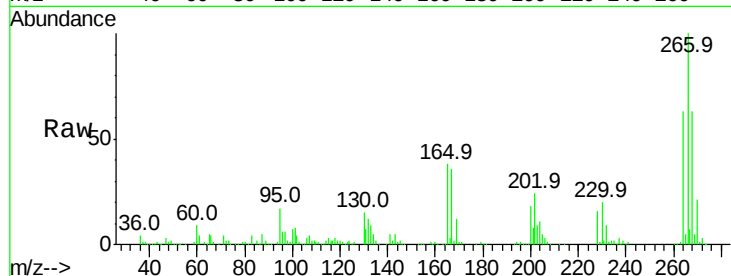
#69
 Pentachlorophenol
 Concen: 87.89 ng
 RT: 11.16 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF093320.D
 Acq: 2 Mar 2017 13:47

Instrument :
 BNA_F
 ClientSampleId :
 CPSIDW-1MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	53.3	79.9
264	62.7	50.3	75.5

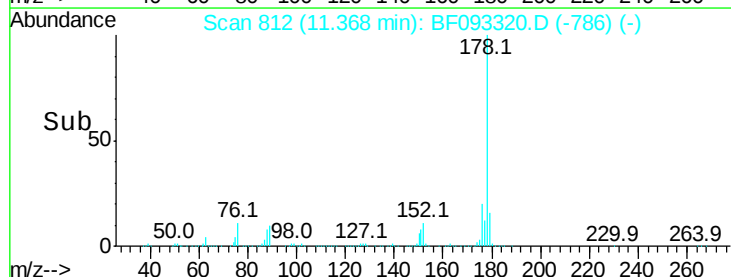
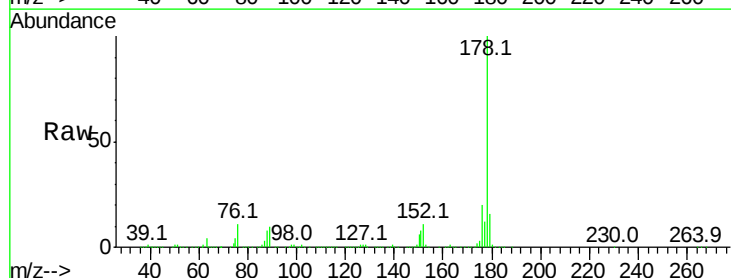
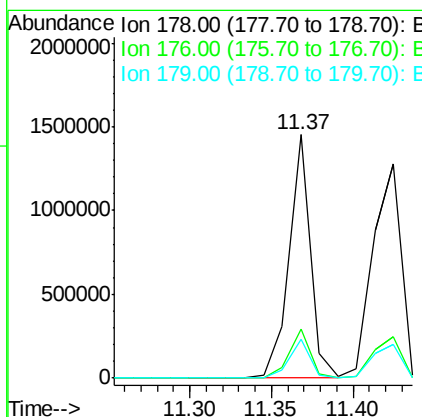
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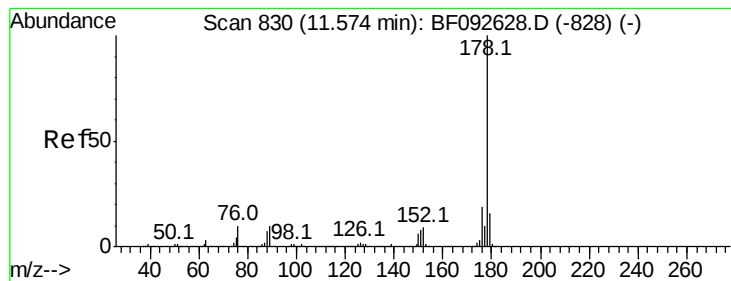
mohammad
 3/3/2017 5:16:28 PM



#70
 Phenanthrene
 Concen: 44.86 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF093320.D
 Acq: 2 Mar 2017 13:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.6	25.0
179	15.8	12.8	19.2





#71

Anthracene

Concen: 51.85 ng

RT: 11.43 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

Instrument :

BNA_F

ClientSampleId :

CPSIDW-1MSD

Tot Ion:178 Resp: 1543710

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

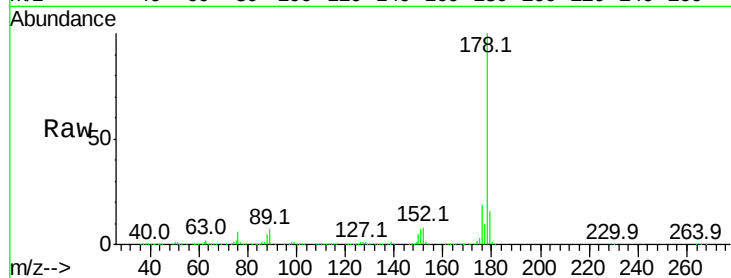
179 15.5 13.2 19.8

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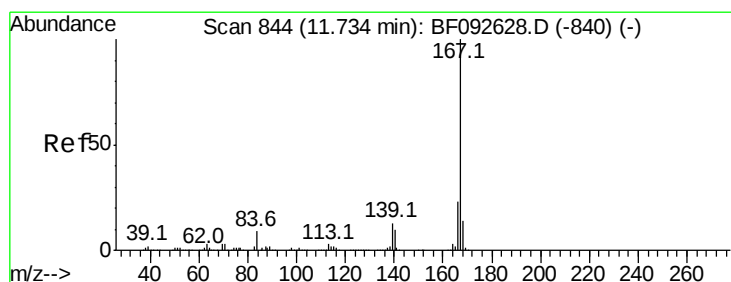
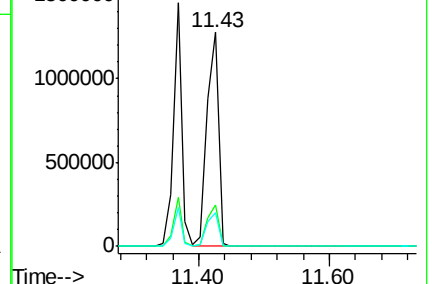
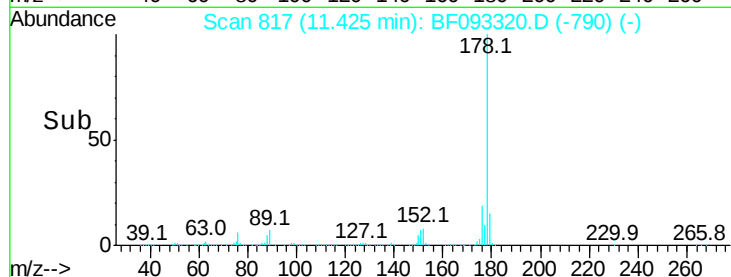
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 48.89 ng

RT: 11.59 min Scan# 831

Delta R.T. 0.01 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

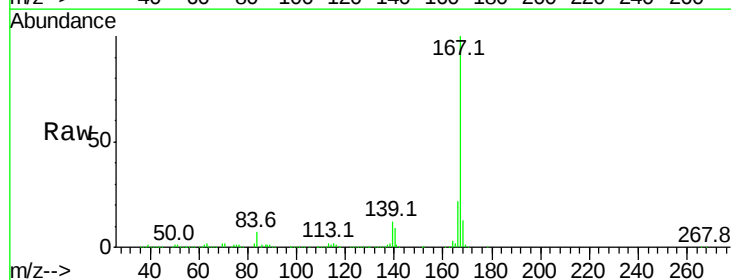
Tgt Ion:167 Resp: 1391314

Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.2

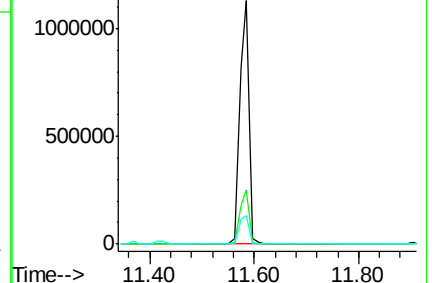
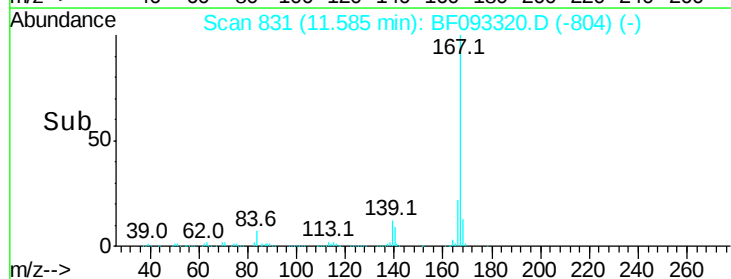
139 11.8 11.4 17.2

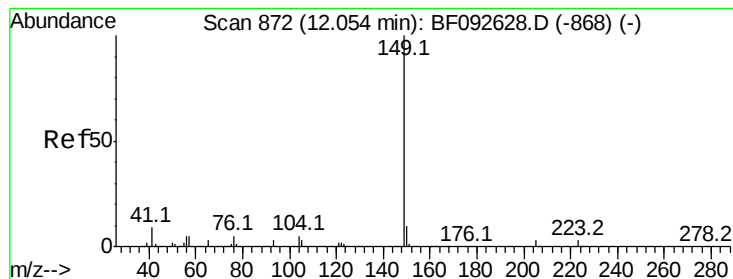


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 56.14 ng

RT: 11.91 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

Instrument :

BNA_F

ClientSampleId :

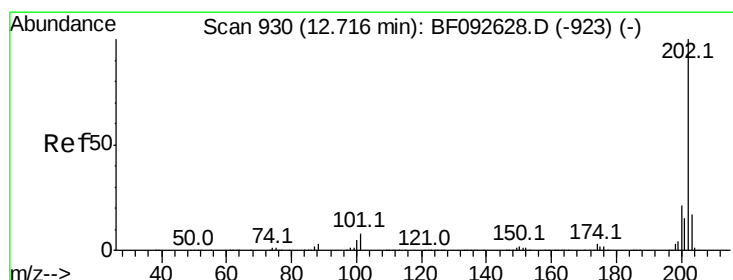
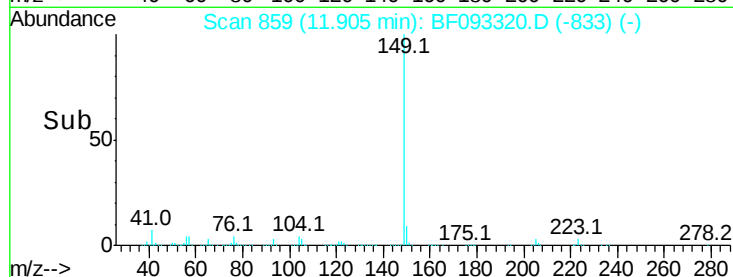
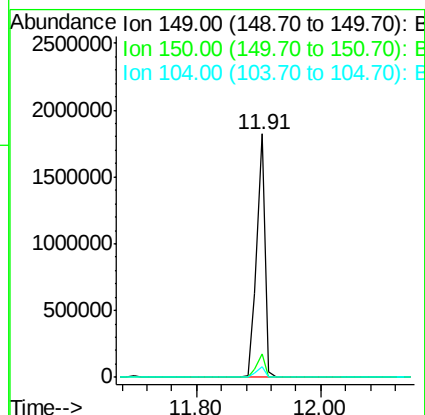
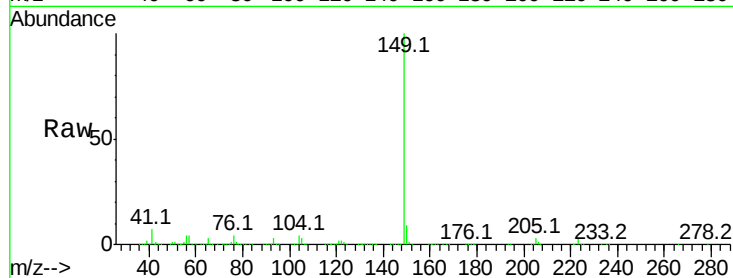
CPSIDW-1MSD

Tot Ion:149 Resp: 1727924

Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.1	12.1
104	4.3	4.6	7.0

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3/3/2017 5:16:28 PM



#74

Fluoranthene

Concen: 50.83 ng

RT: 12.56 min Scan# 916

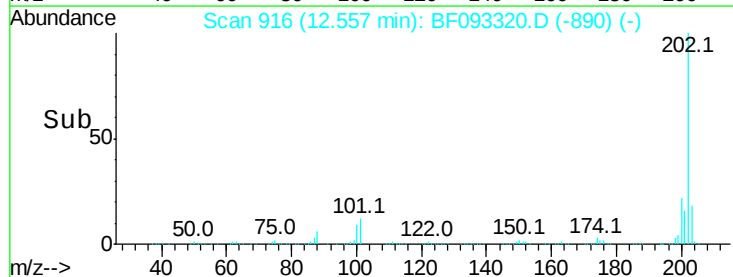
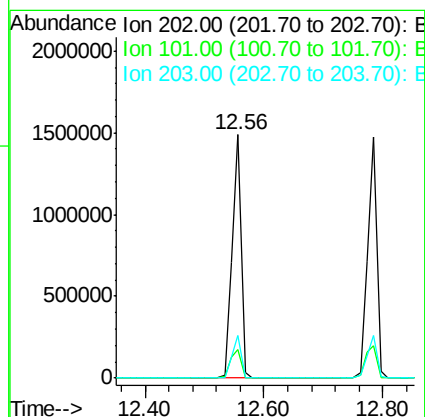
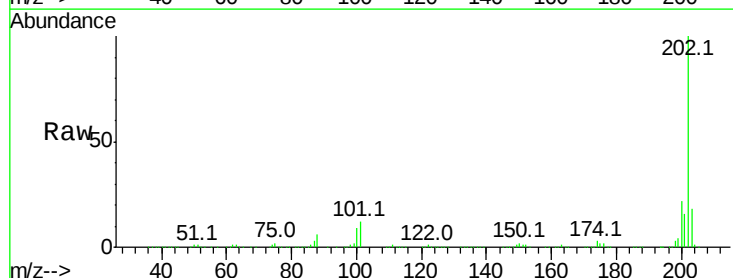
Delta R.T. 0.00 min

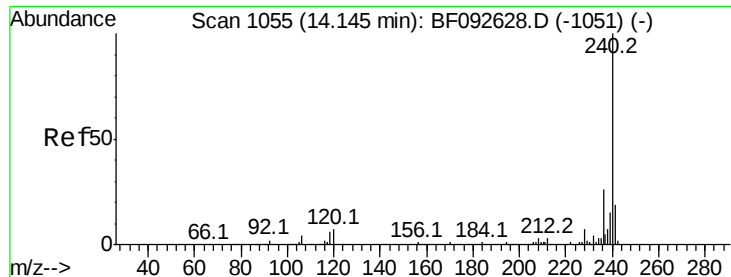
Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

Tgt Ion:202 Resp: 1554397

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.6
203	17.7	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

Instrument :

BNA_F

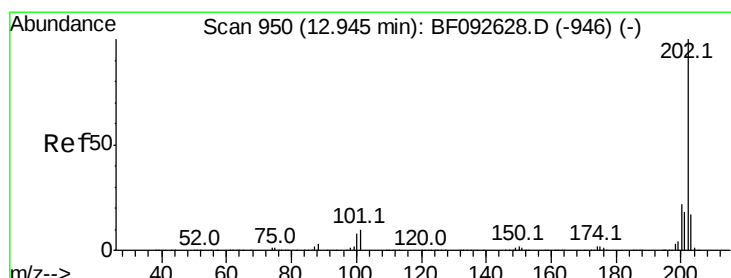
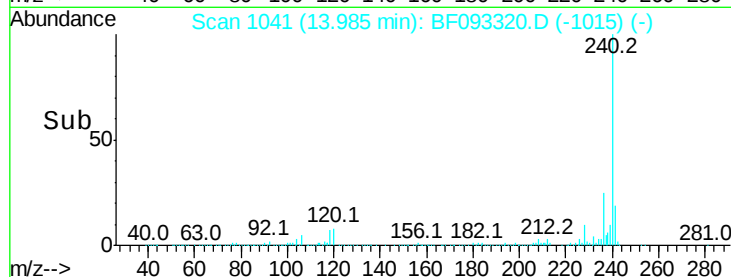
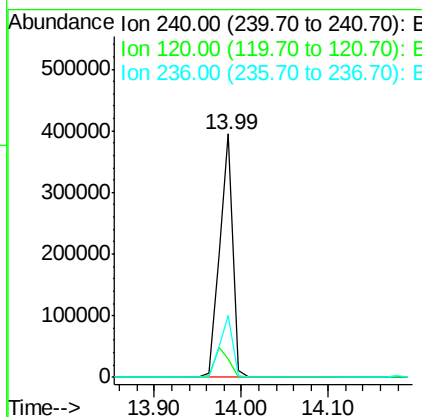
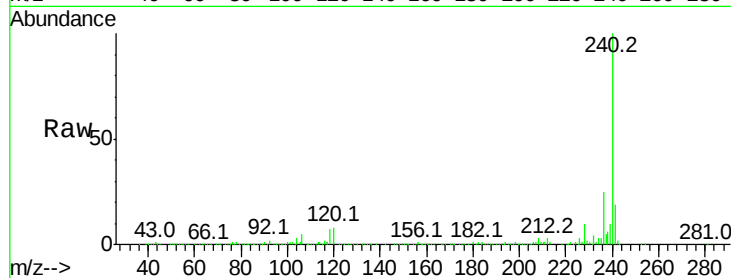
ClientSampleId :

CPSIDW-1MSD

Tot Ion:240 Resp: 424335
 Ion Ratio Lower Upper
 240 100
 120 7.6 12.9 19.3#
 236 25.4 20.9 31.3

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#77

Pyrene

Concen: 49.10 ng

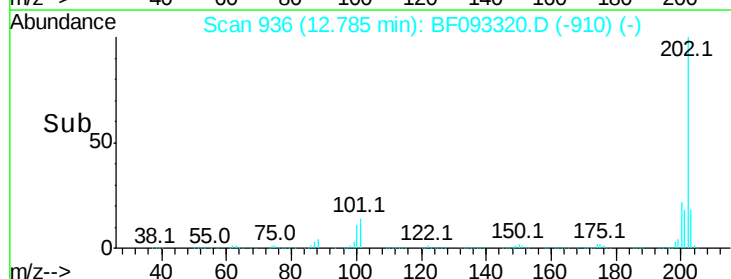
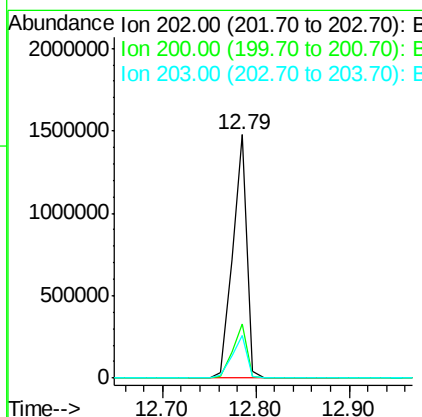
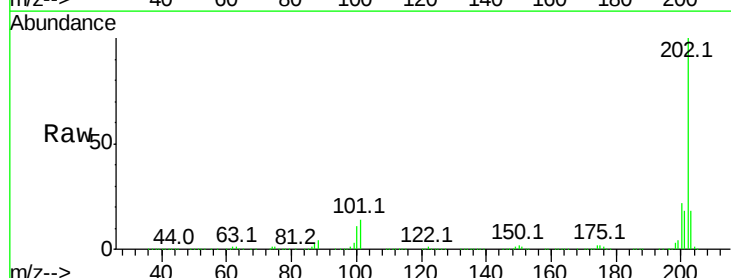
RT: 12.79 min Scan# 936

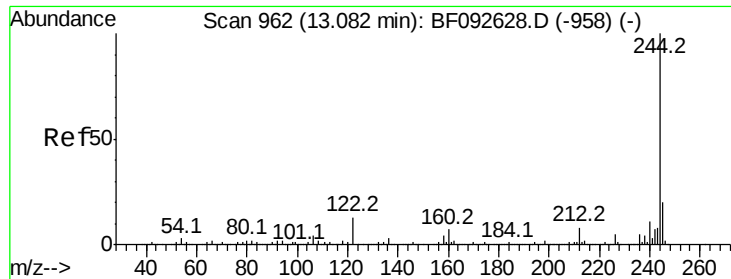
Delta R.T. 0.00 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

Tgt Ion:202 Resp: 1559277
 Ion Ratio Lower Upper
 202 100
 200 22.3 17.7 26.5
 203 17.7 14.7 22.1





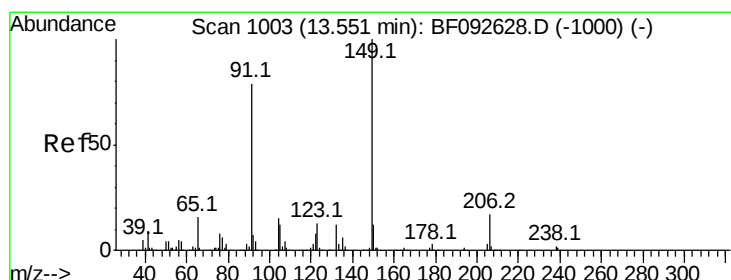
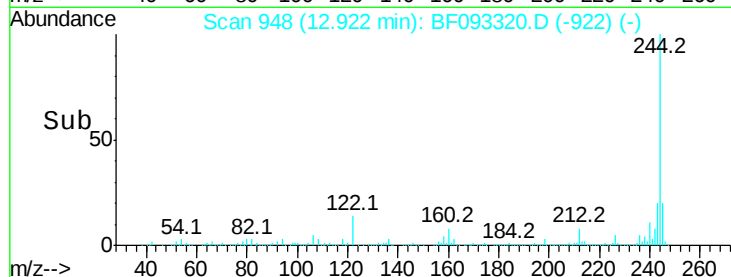
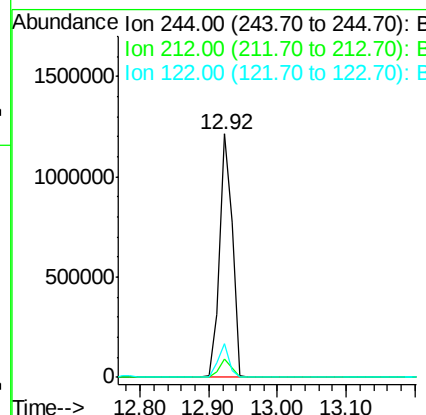
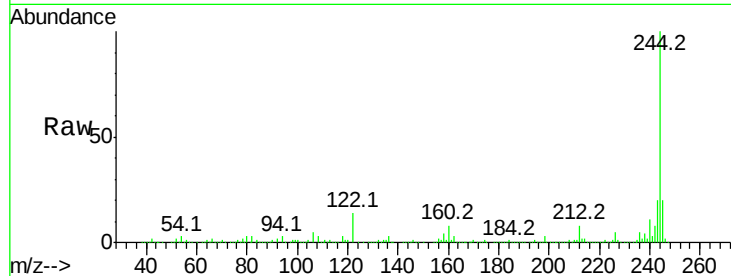
#78
 Terphenyl-d14
 Concen: 88.40 ng
 RT: 12.92 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF093320.D
 Acq: 2 Mar 2017 13:47

Instrument :
 BNA_F
 ClientSampleId :
 CPSIDW-1MSD

Tot Ion:244 Resp: 1596529
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 13.8 11.4 17.2

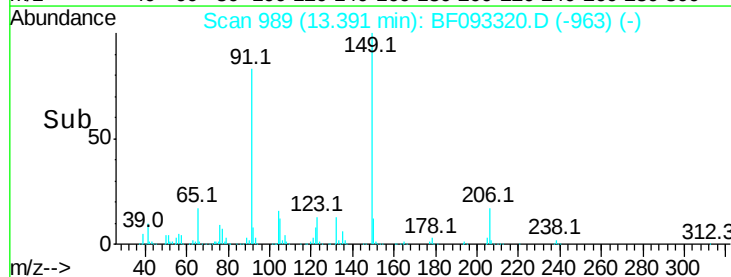
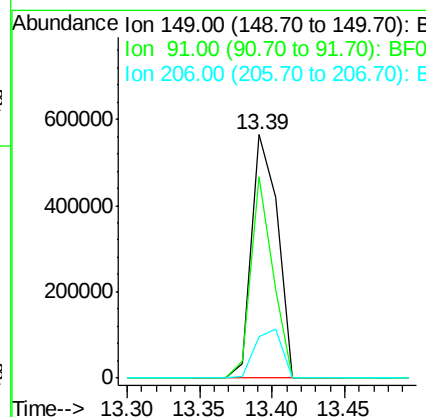
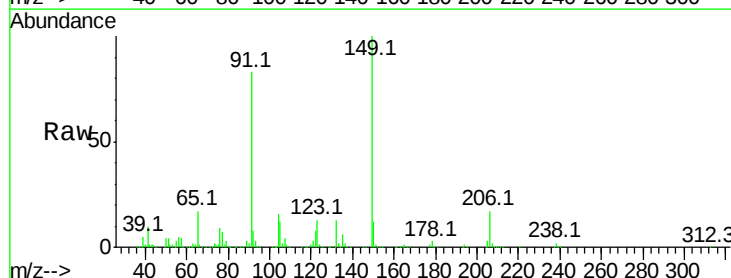
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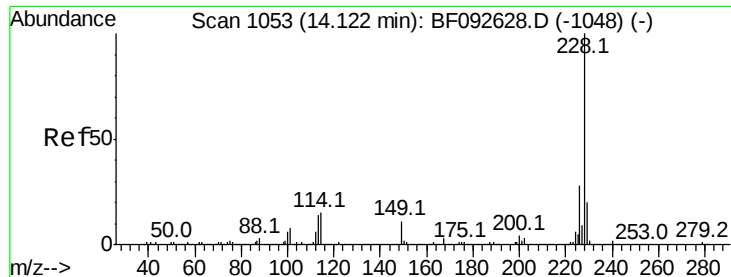
mohammad
 3/3/2017 5:16:28 PM



#79
 Butylbenzylphthalate
 Concen: 54.31 ng
 RT: 13.39 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: BF093320.D
 Acq: 2 Mar 2017 13:47

Tgt Ion:149 Resp: 700322
 Ion Ratio Lower Upper
 149 100
 91 82.8 63.9 95.9
 206 17.1 14.6 21.8





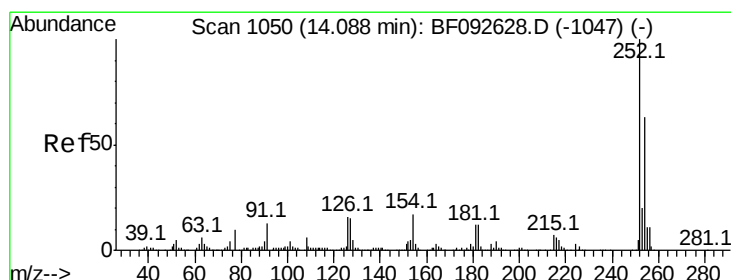
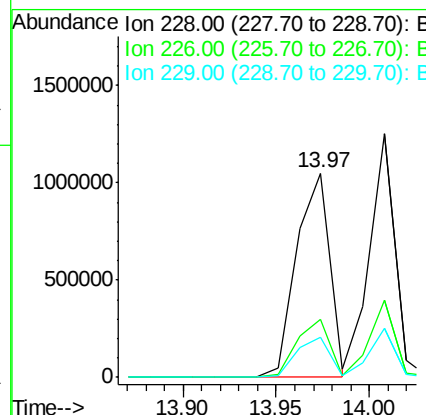
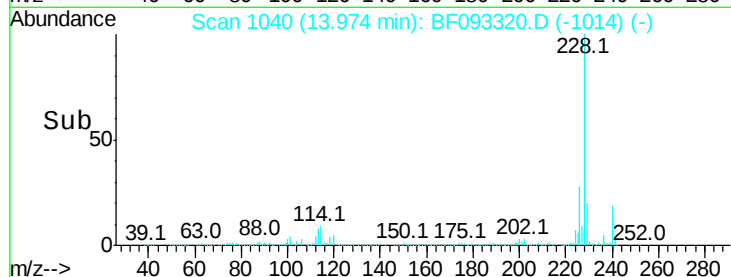
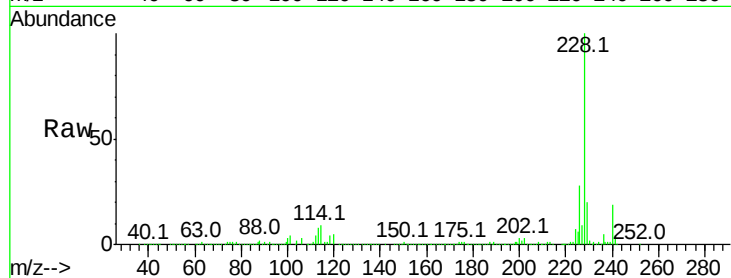
#80
Benzo(a)anthracene
Concen: 50.38 ng
RT: 13.97 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
CPSIDW-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.4	33.6
229	19.6	16.2	24.4

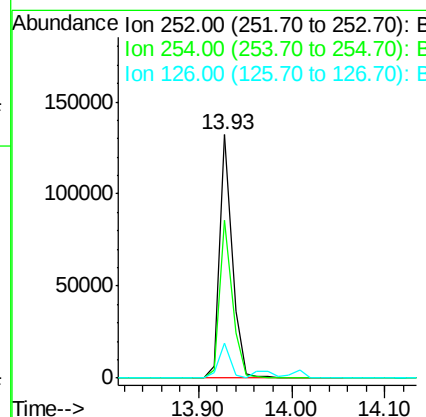
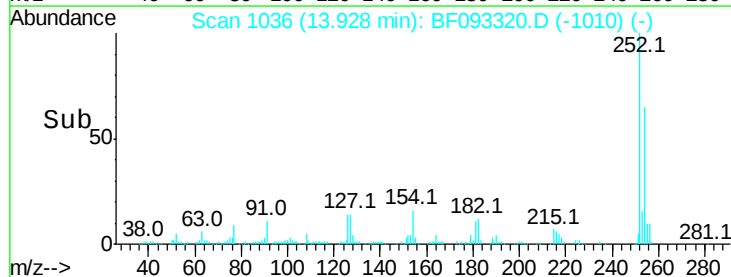
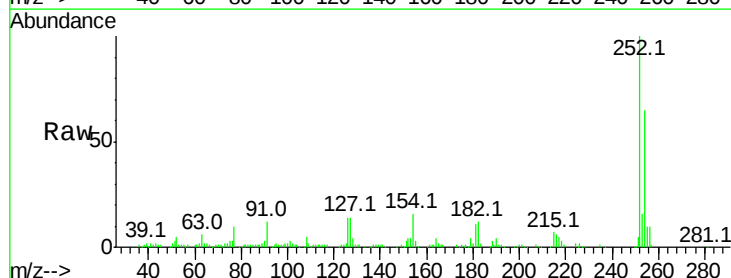
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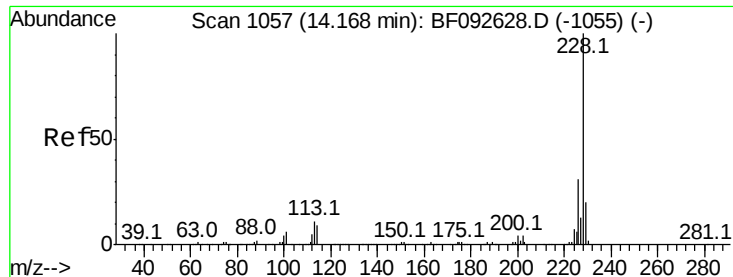
mohammad
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#81
3,3'-Dichlorobenzidine
Concen: 13.37 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.3	78.5
126	14.2	13.6	20.4





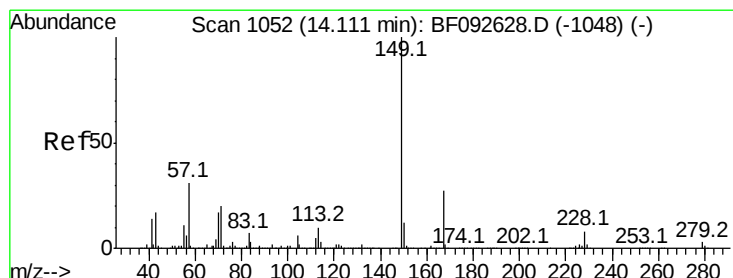
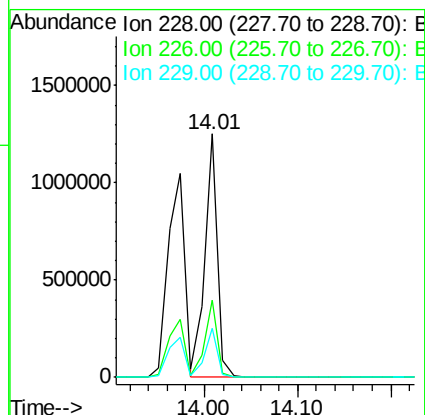
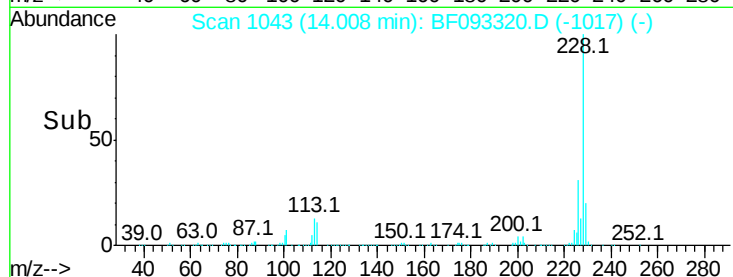
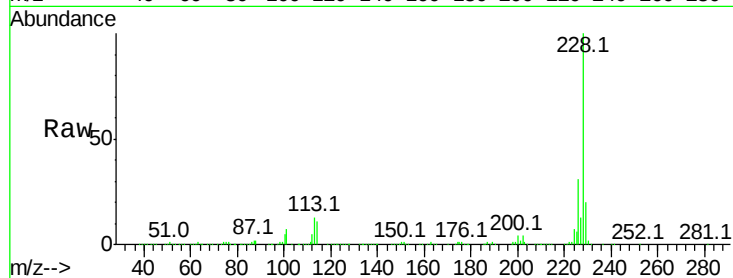
#82
Chrysene
Concen: 48.78 ng
RT: 14.01 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
CPSIDW-1MSD

Tot Ion:228 Resp: 1185275
Ion Ratio Lower Upper
228 100
226 31.5 25.4 38.0
229 20.0 16.2 24.2

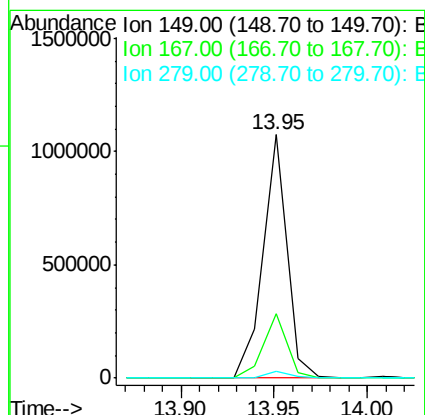
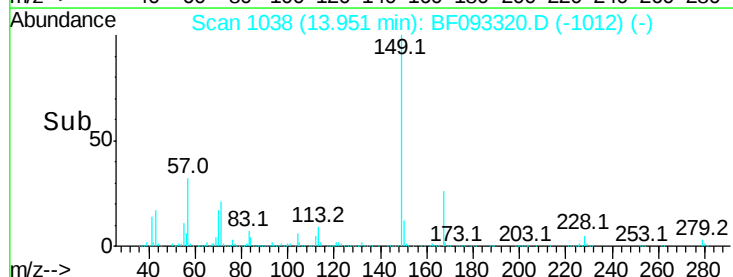
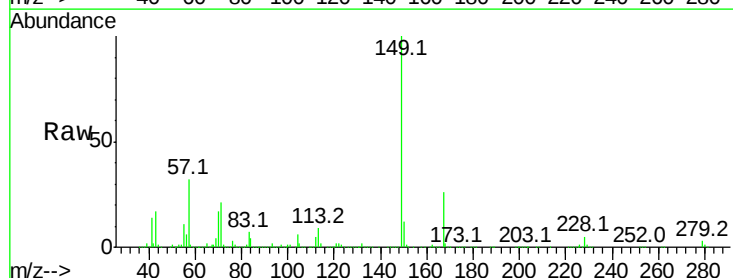
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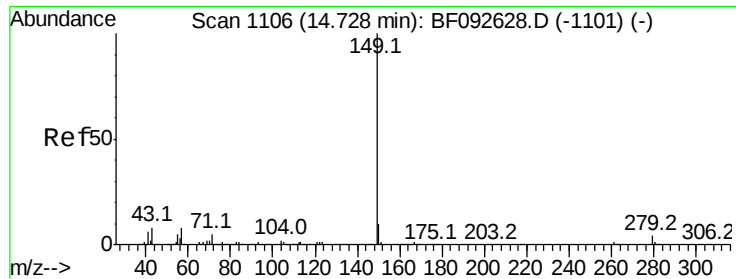
mohammad
3/3/2017 5:16:28 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 53.90 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Tgt Ion:149 Resp: 950549
Ion Ratio Lower Upper
149 100
167 26.3 20.2 30.4
279 2.8 1.8 2.8#





#84

Di-n-octyl phthalate

Concen: 57.95 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

Instrument :

BNA_F

ClientSampleId :

CPSIDW-1MSD

Tot Ion:149 Resp: 1664129

Ion Ratio Lower Upper

149 100

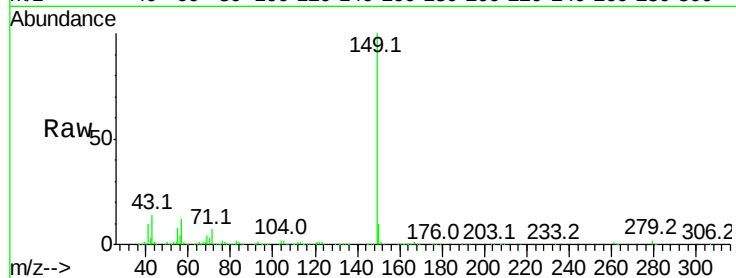
167 1.5 1.3 1.9

43 10.9 8.9 13.3

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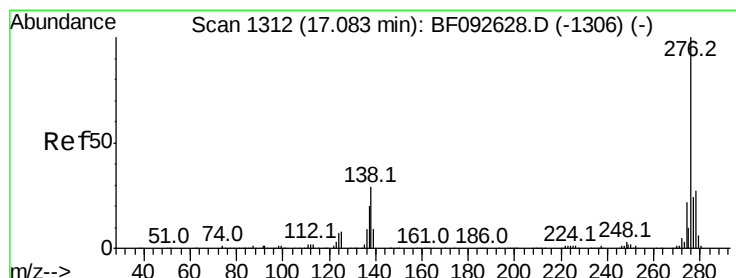
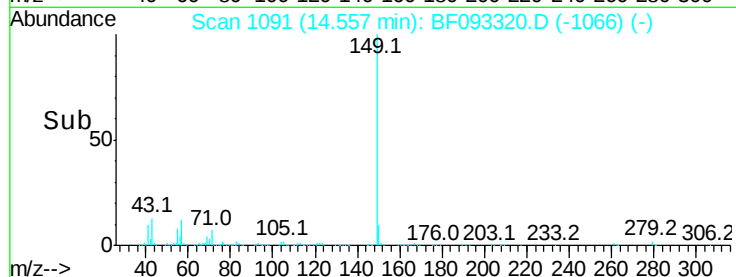
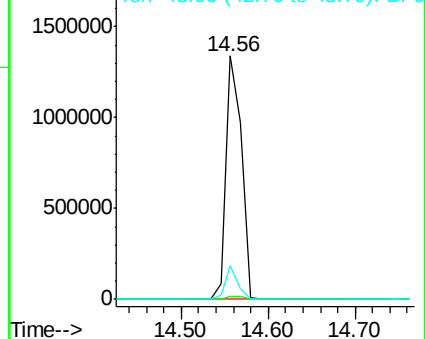
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 52.94 ng

RT: 16.80 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF093320.D

Acq: 2 Mar 2017 13:47

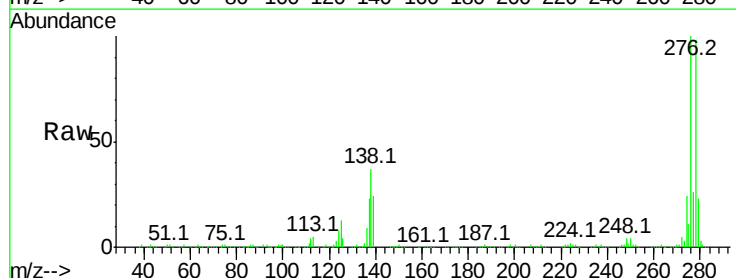
Tgt Ion:276 Resp: 996496

Ion Ratio Lower Upper

276 100

138 33.4 21.8 32.6#

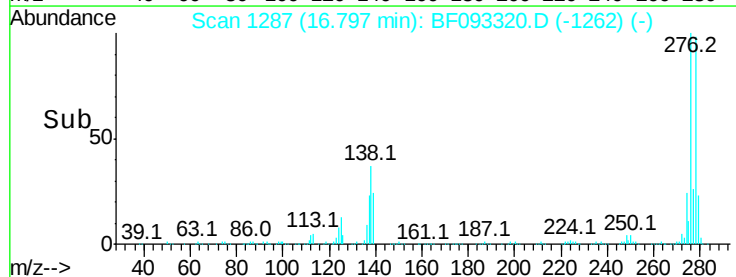
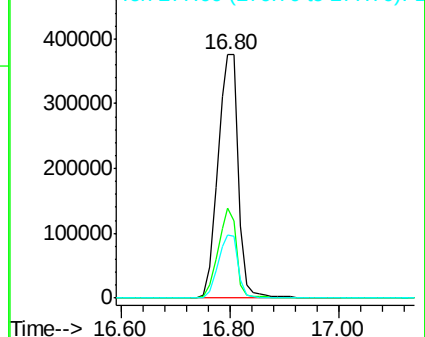
277 25.3 20.2 30.4

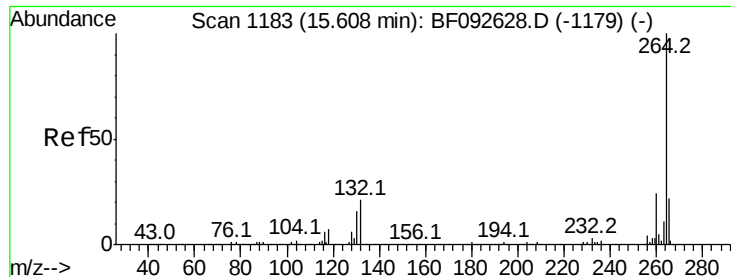


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





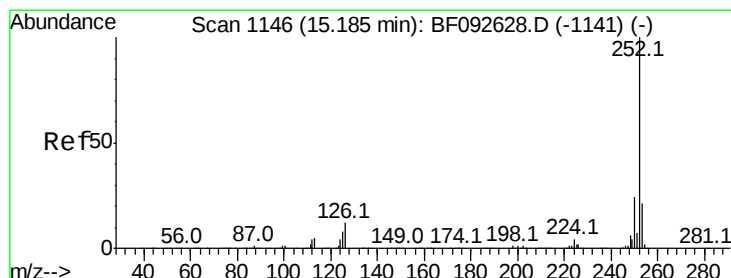
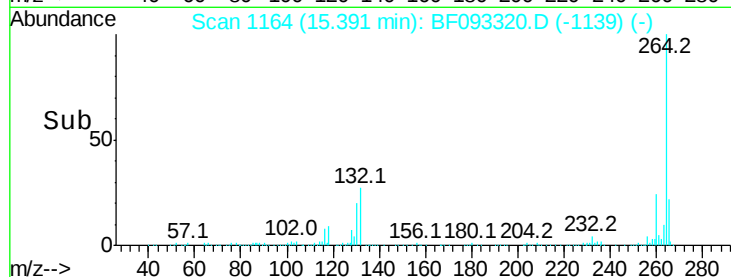
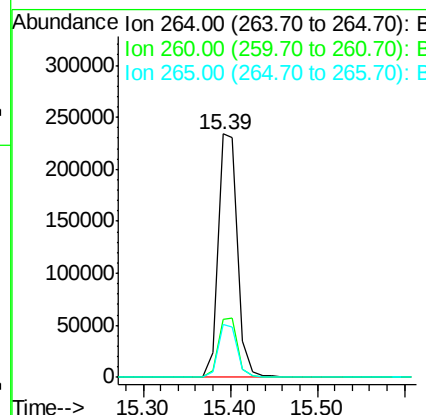
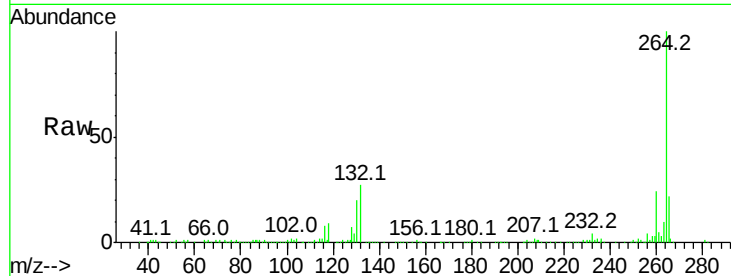
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
CPSIDW-1MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.8	17.4	26.0

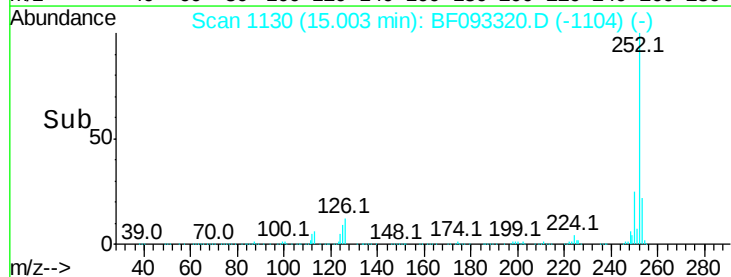
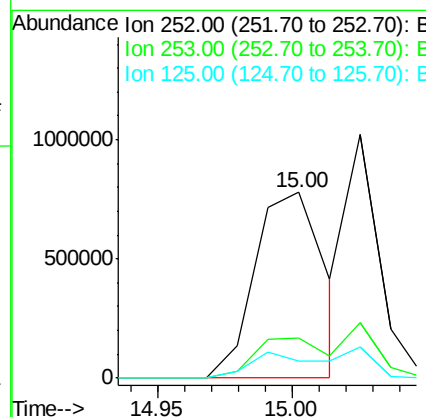
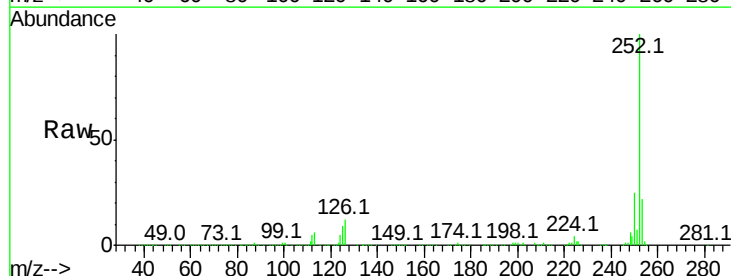
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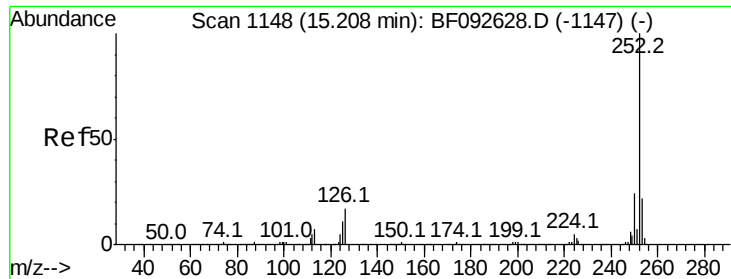
mohammad
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#87
Benzo(b)fluoranthene
Concen: 58.15 ng m
RT: 15.00 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	9.5	9.8	14.6





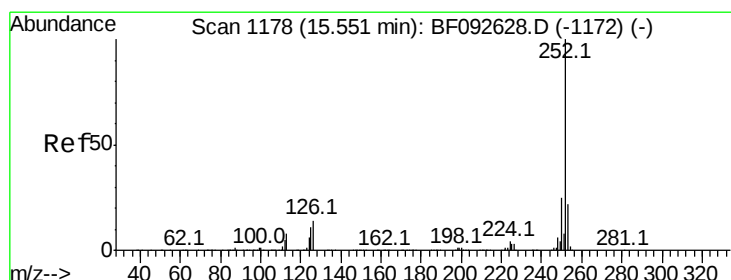
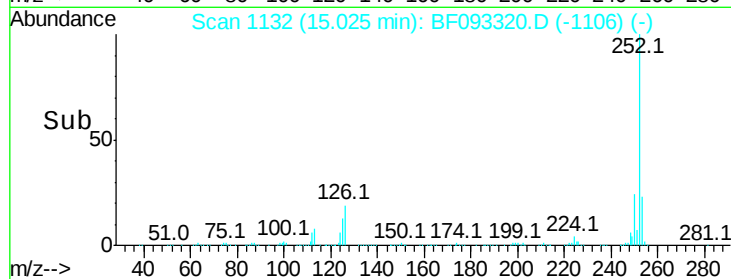
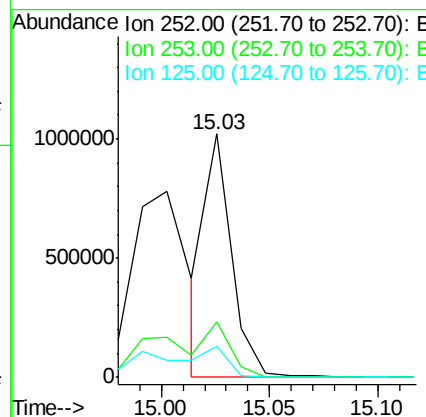
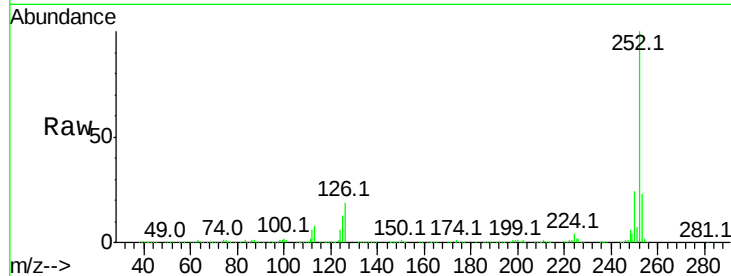
#88
Benzo(k)fluoranthene
Concen: 41.53 ng m
RT: 15.03 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
CPSIDW-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	13.0	8.9	13.3

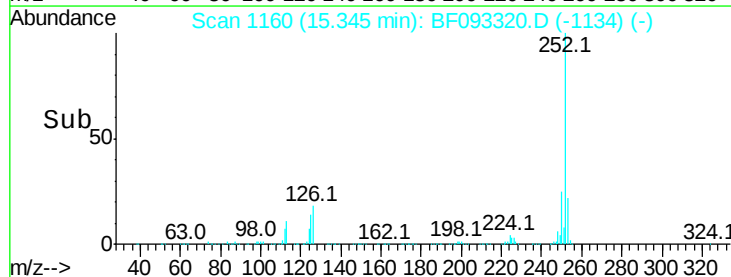
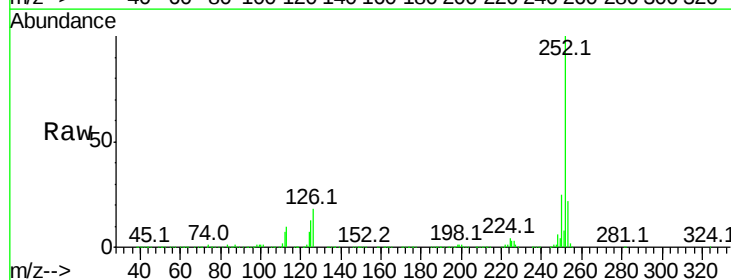
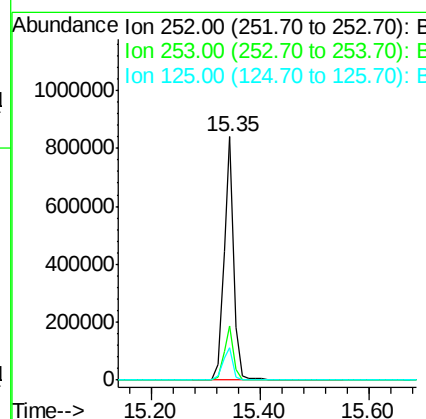
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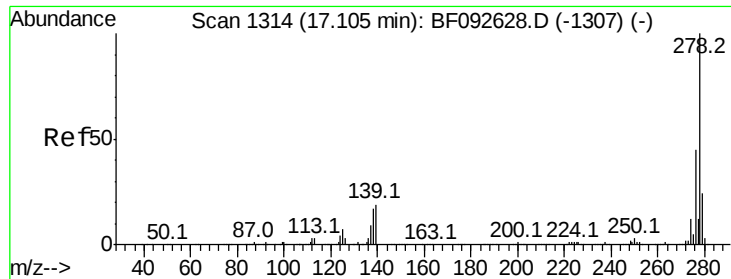
mohammad
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#89
Benzo(a)pyrene
Concen: 51.19 ng
RT: 15.35 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	13.5	10.0	15.0





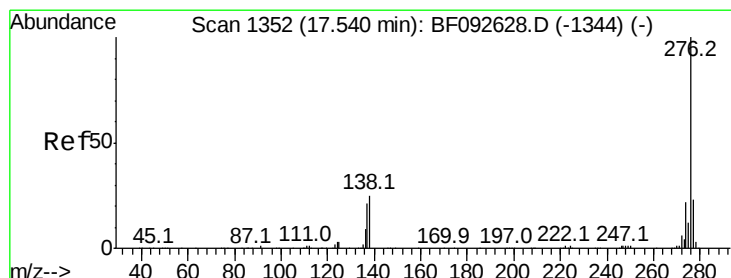
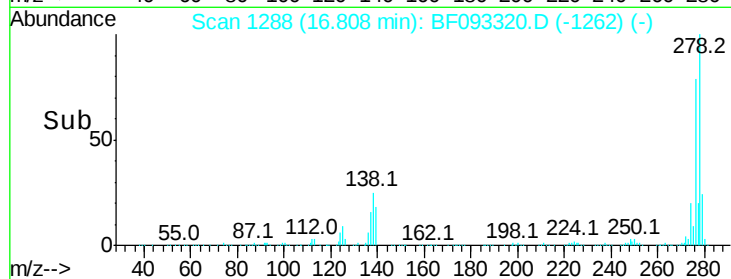
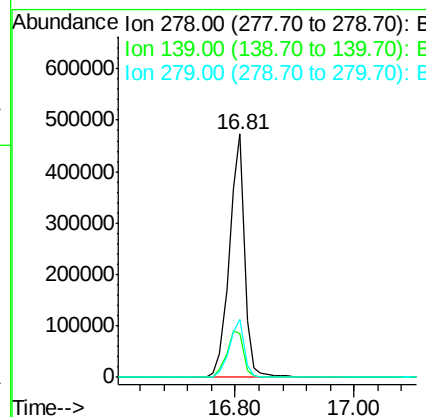
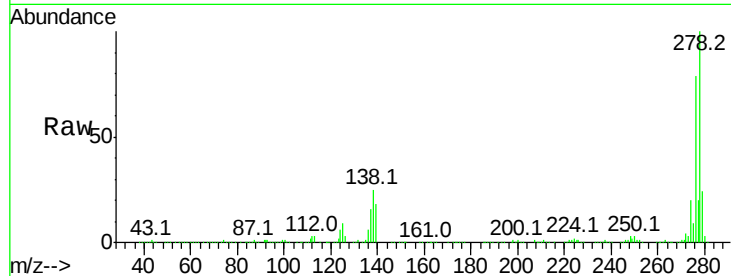
#90
Dibenzo(a,h)anthracene
Concen: 50.03 ng
RT: 16.81 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
CPSIDW-1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.8	22.2
279	23.6	19.8	29.6

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mohammad
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#91
Benzo(g,h,i)perylene
Concen: 50.14 ng
RT: 17.22 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF093320.D
Acq: 2 Mar 2017 13:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.2	28.8
138	26.0	16.0	24.0

