

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093432.D
 Acq On : 8 Mar 2017 17:01
 Operator : SJ/MA
 Sample : PB97430BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97430BS

Manual Integrations
 APPROVED

mohammad
 3/10/2017 8:11:39 AM

Quant Time: Mar 08 17:41:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	192739m	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	766439	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	382551	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	706812	20.00	ng	0.01
75) Chrysene-d12	13.93	240	622673	20.00	ng	0.01
86) Perylene-d12	15.34	264	496995	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1272029	109.84	ng	0.01
7) Phenol-d6	6.42	99	1747585	119.67	ng	0.01
23) Nitrobenzene-d5	7.34	82	1058821	76.65	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	320296	128.51	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1814525	88.23	ng	0.00
78) Terphenyl-d14	12.87	244	1502048	62.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	182837	28.66	ng	# 82
3) Pyridine	3.03	79	530430	32.62	ng	87
4) n-Nitrosodimethylamine	2.98	42	273948	35.27	ng	84
6) Aniline	6.44	93	259777m	12.96	ng	
8) 2-Chlorophenol	6.55	128	469867	36.21	ng	95
9) Benzaldehyde	6.32	77	79940	6.35	ng	98
10) Phenol	6.44	94	607601m	33.95	ng	
11) bis(2-Chloroethyl)ether	6.50	93	503061	34.78	ng	96
12) 1,3-Dichlorobenzene	6.70	146	504168m	33.95	ng	
13) 1,4-Dichlorobenzene	6.78	146	523742m	34.44	ng	
14) 1,2-Dichlorobenzene	6.94	146	452693	33.62	ng	94
15) Benzyl Alcohol	6.93	79	380859	36.59	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.05	45	823404	34.27	ng	85
17) 2-Methylphenol	7.04	107	394983	35.99	ng	94
18) Hexachloroethane	7.27	117	177613	34.64	ng	99
19) n-Nitroso-di-n-propylamine	7.19	70	378486	37.70	ng	97
20) 3+4-Methylphenols	7.20	107	546676	38.41	ng	# 73
22) Acetophenone	7.18	105	656112	35.57	ng	# 97
24) Nitrobenzene	7.36	77	546624	35.21	ng	# 89
25) Isophorone	7.60	82	990088	35.54	ng	99
26) 2-Nitrophenol	7.67	139	257209	36.31	ng	# 87
27) 2,4-Dimethylphenol	7.73	122	428818	37.21	ng	92
28) bis(2-Chloroethoxy)methane	7.81	93	627255	35.67	ng	99
29) 2,4-Dichlorophenol	7.92	162	423329	39.05	ng	88
30) 1,2,4-Trichlorobenzene	7.99	180	404417	35.08	ng	# 95
31) Naphthalene	8.07	128	1292831	33.66	ng	99
32) Benzoic acid	7.89	122	293916	49.09	ng	91
33) 4-Chloroaniline	8.14	127	170974	10.97	ng	98
34) Hexachlorobutadiene	8.18	225	211818	35.67	ng	99
35) Caprolactam	8.52	113	149603m	40.41	ng	
36) 4-Chloro-3-methylphenol	8.63	107	439959	38.02	ng	92
37) 2-Methylnaphthalene	8.77	142	923745	37.80	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	380536	36.43	ng	99
40) Hexachlorocyclopentadiene	8.92	237	206719	78.66	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	271622	41.62	nq	93
43) 2,4,5-Trichlorophenol	9.11	196	261602	37.36	nq	# 86
45) 1,1'-Biphenyl	9.22	154	1026691	36.84	nq	96
46) 2-Chloronaphthalene	9.26	162	871162	40.84	nq	95
47) 2-Nitroaniline	9.36	65	309478	41.04	nq	95
48) Acenaphthylene	9.67	152	1332146	37.87	nq	98
49) Dimethylphthalate	9.53	163	1006773	39.70	nq	99
50) 2,6-Dinitrotoluene	9.60	165	205511	36.93	nq	# 52
51) Acenaphthene	9.84	154	818164	39.33	nq	98
52) 3-Nitroaniline	9.77	138	98549	14.74	nq	91
53) 2,4-Dinitrophenol	9.90	184	217410	85.79	nq	# 67
54) Dibenzofuran	10.01	168	1151724	44.23	nq	94
55) 4-Nitrophenol	9.97	139	280151	86.27	nq	94
56) 2,4-Dinitrotoluene	10.01	165	266311	38.95	nq	# 65
57) Fluorene	10.36	166	909863	41.24	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	218135	44.14	nq	97
59) Diethylphthalate	10.23	149	931944	38.45	nq	100
60) 4-Chlorophenyl-phenylether	10.34	204	416540	42.12	nq	88
61) 4-Nitroaniline	10.40	138	249541	36.49	nq	79
62) Azobenzene	10.50	77	1218109	44.23	nq	96
64) 4,6-Dinitro-2-methylphenol	10.44	198	162391	35.46	nq	89
65) n-Nitrosodiphenylamine	10.47	169	820854	34.78	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	259491	34.72	nq	# 83
67) Hexachlorobenzene	10.90	284	250668	35.12	nq	97
68) Atrazine	11.00	200	227503	32.93	nq	99
69) Pentachlorophenol	11.11	266	213708	86.73	nq	98
70) Phenanthrene	11.32	178	1394393	34.56	nq	99
71) Anthracene	11.36	178	1414175	34.65	nq	99
72) Carbazole	11.53	167	1310558	34.18	nq	# 96
73) Di-n-butylphthalate	11.85	149	1731428	39.04	nq	# 96
74) Fluoranthene	12.50	202	1450823	37.23	nq	95
76) Benzidine	12.63	184	305193	14.90	nq	96
77) Pyrene	12.73	202	1462042	32.28	nq	99
79) Butylbenzylphthalate	13.35	149	732926	38.45	nq	# 77
80) Benzo(a)anthracene	13.92	228	1223794	33.28	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	285596	22.18	nq	# 96
82) Chrysene	13.96	228	1031834	30.33	nq	100
83) Bis(2-ethylhexyl)phthalate	13.90	149	956975	36.02	nq	100
84) Di-n-octyl phthalate	14.52	149	1692493	38.22	nq	98
85) Indeno(1,2,3-cd)pyrene	16.72	276	893976	31.39	nq	# 93
87) Benzo(b)fluoranthene	14.95	252	1249299m	41.27	nq	
88) Benzo(k)fluoranthene	14.97	252	857769m	29.39	nq	
89) Benzo(a)pyrene	15.29	252	997842	36.07	nq	96
90) Dibenzo(a,h)anthracene	16.72	278	756682	33.06	nq	95
91) Benzo(g,h,i)perylene	17.13	276	771283	32.84	nq	# 93

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

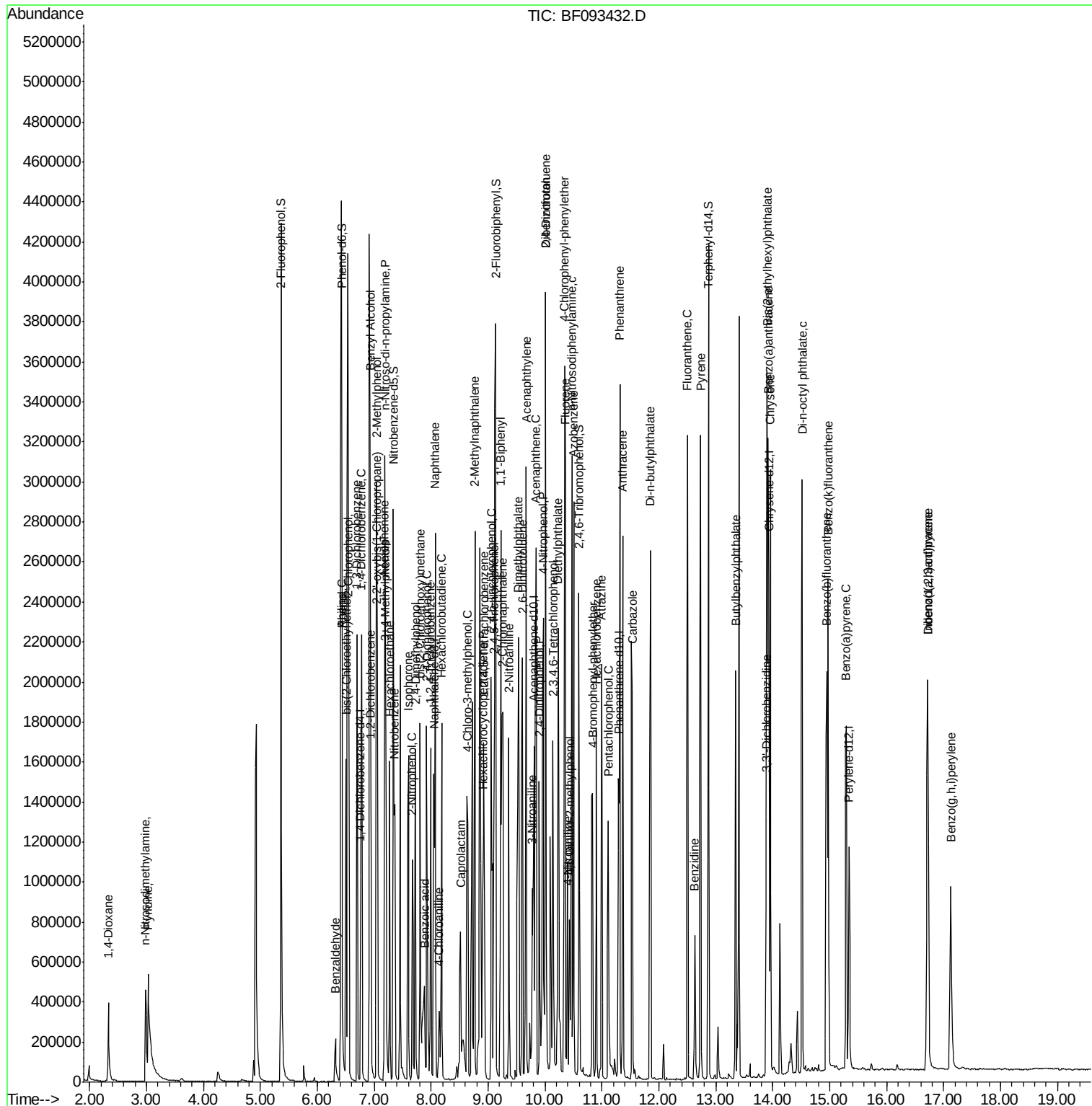
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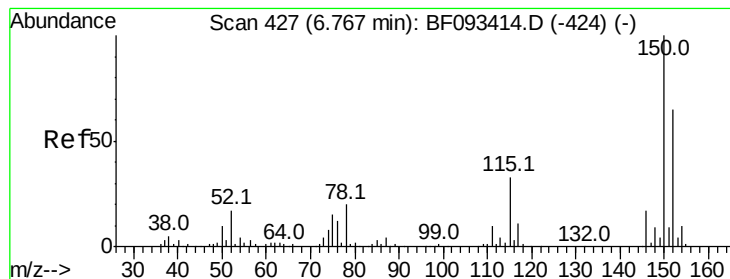
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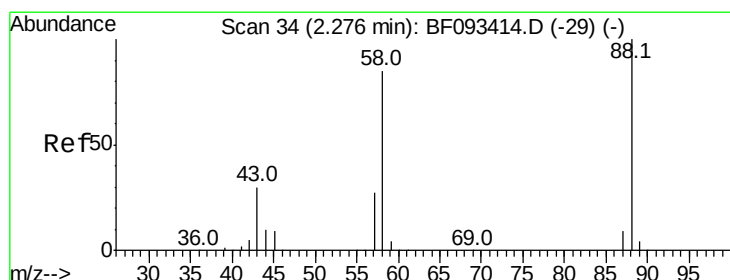
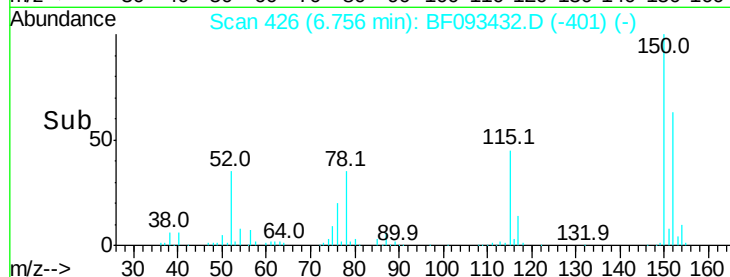
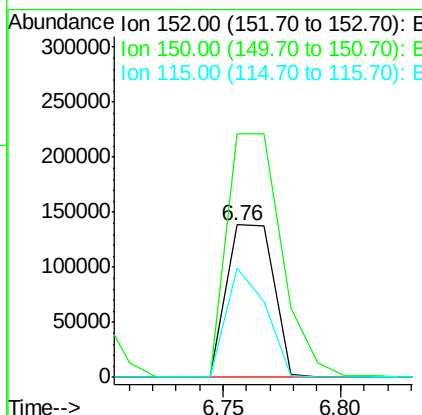
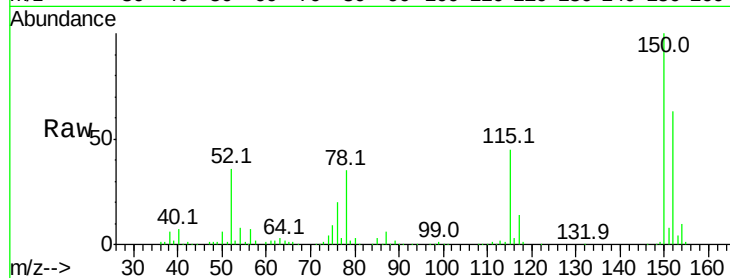
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng/ml
 RT: 6.76 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Instrument :
 BNA_F
 ClientSampleID :
 PB97430BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.9	187.3
115	72.1	46.0	69.0

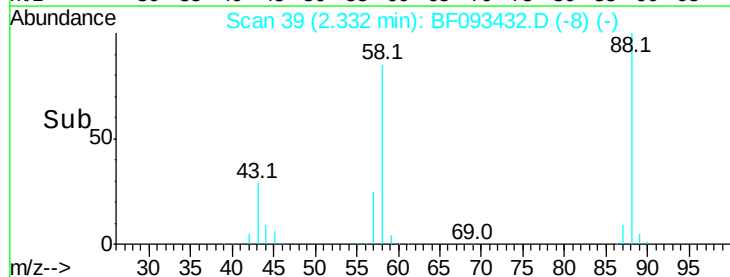
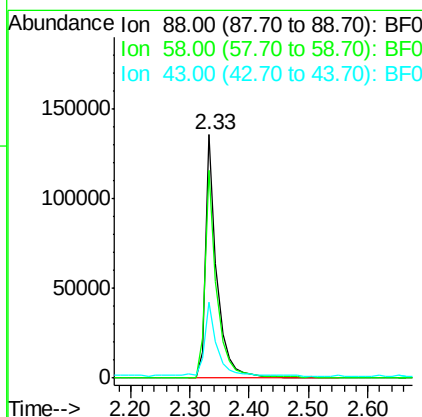
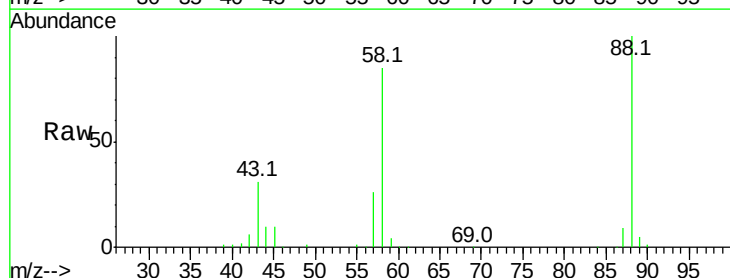
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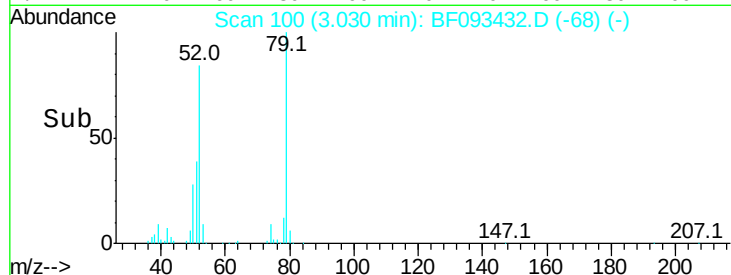
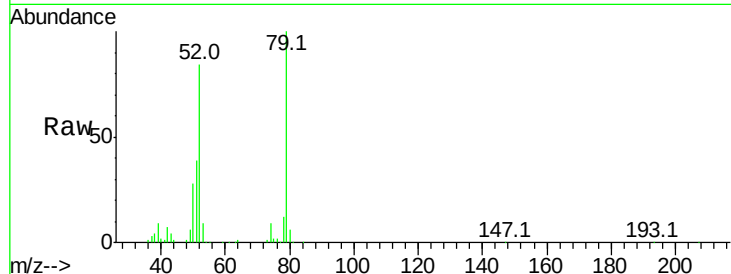
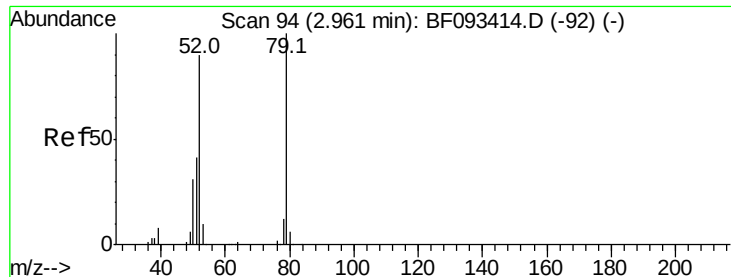
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#2
 1,4-Dioxane
 Concen: 28.66 ng
 RT: 2.33 min Scan# 39
 Delta R.T. 0.06 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.8	57.8	86.8
43	32.1	22.3	33.5





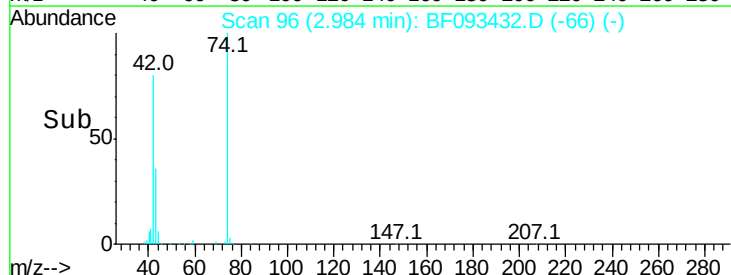
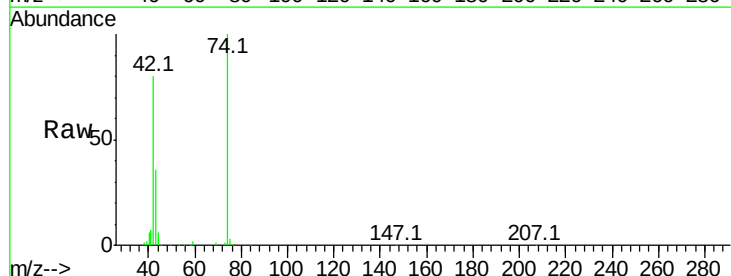
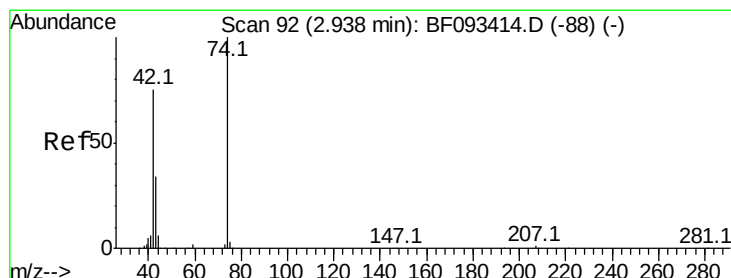
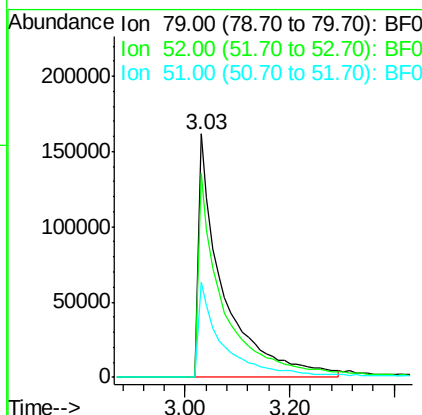
#3
Pvridine
Concen: 32.62 ng
RT: 3.03 min Scan# 100
Delta R.T. 0.07 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		530430		
52	83.7	57.1		85.7	
51	38.9	27.3		40.9	

Instrument :
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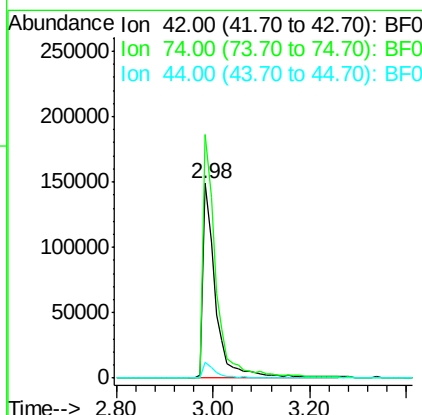
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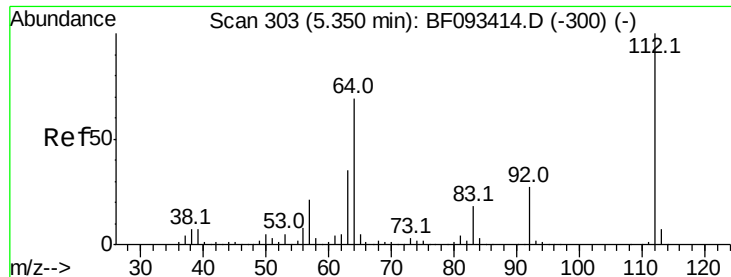
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#4
n-Nitrosodimethylamine
Concen: 35.27 ng
RT: 2.98 min Scan# 96
Delta R.T. 0.05 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		273948		
74	125.1	117.0		175.4	
44	7.9	5.5		8.3	





#5

2-Fluorophenol

Concen: 109.84 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97430BS

Tot Ion:112 Resp: 1272029

Ion Ratio Lower Upper

112 100

64 68.6 46.1 69.1

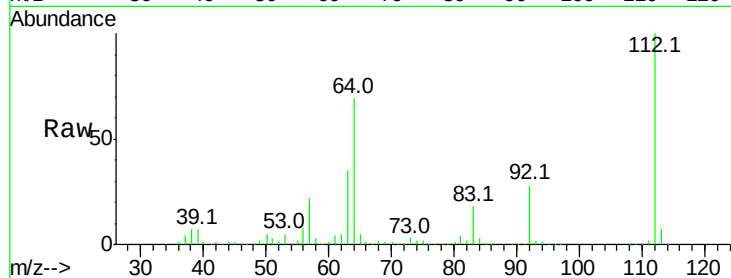
63 35.0 23.8 35.6

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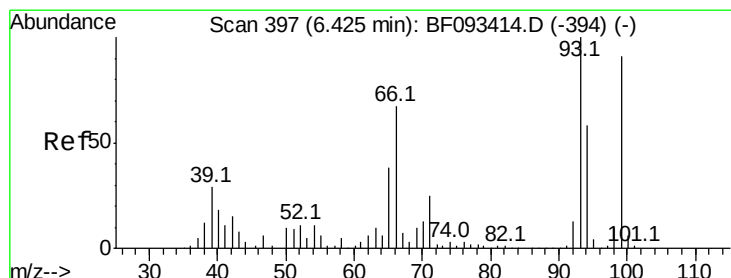
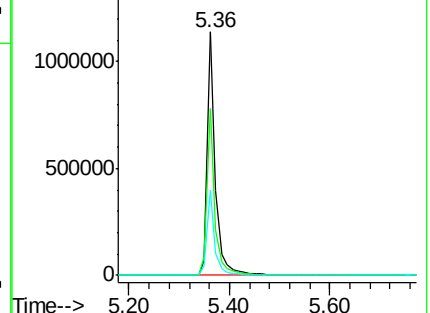
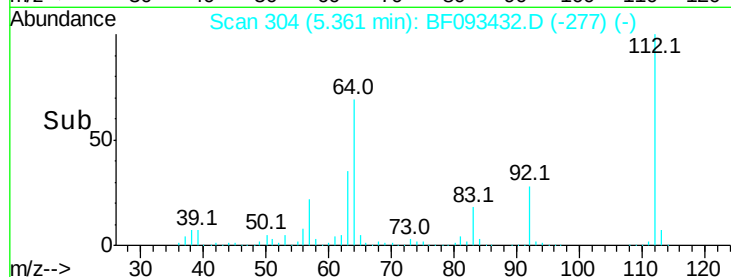
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.96 ng m

RT: 6.44 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

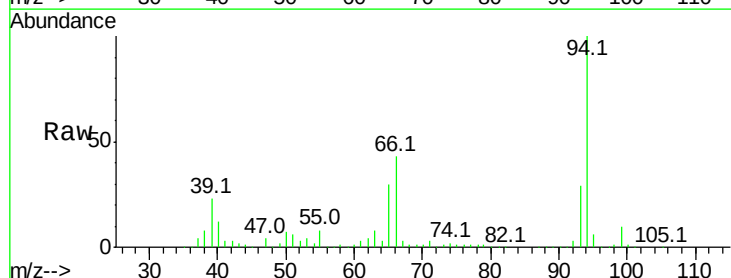
Tgt Ion: 93 Resp: 259777

Ion Ratio Lower Upper

93 100

66 147.9 76.2 114.2#

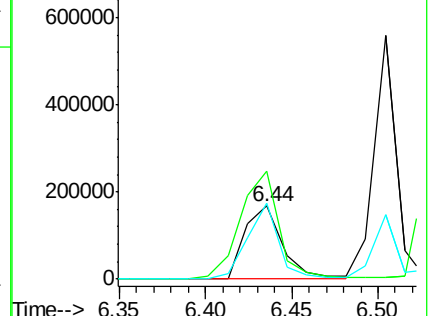
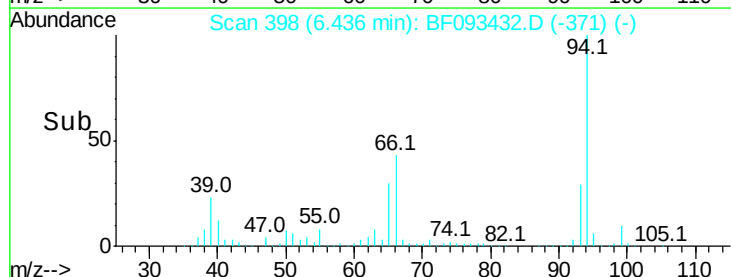
65 103.9 49.3 73.9#

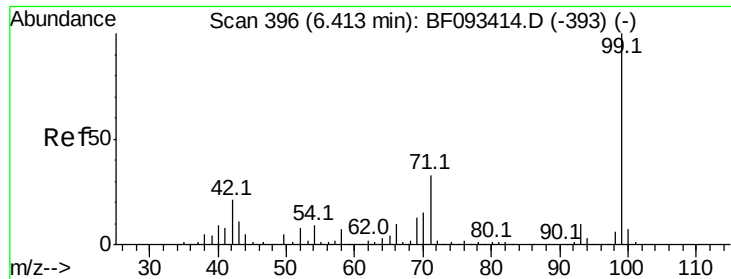


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.67 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97430BS

Tot Ion: 99 Resp: 1747585

Ion Ratio Lower Upper

99 100

42 18.4 15.6 23.4

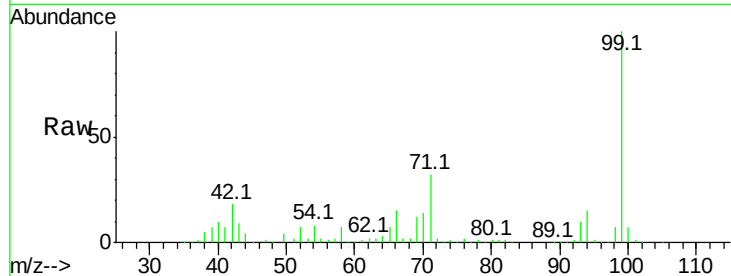
71 31.6 27.5 41.3

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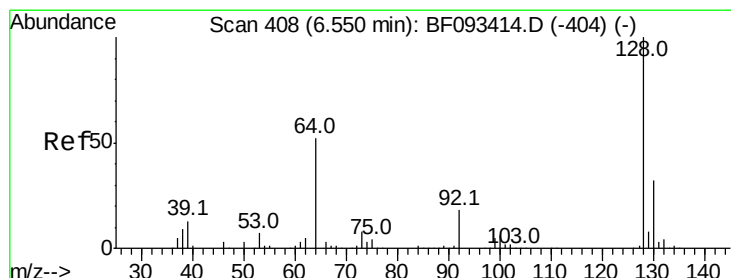
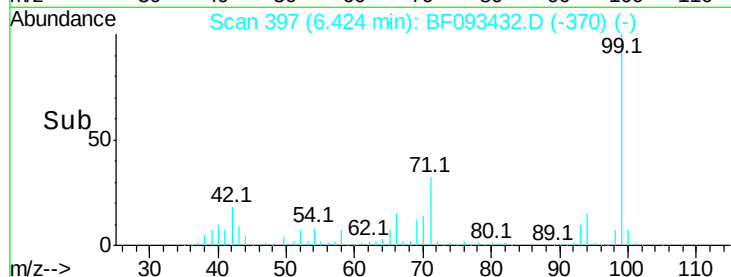
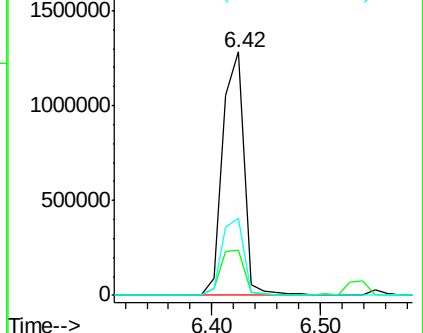
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.21 ng

RT: 6.55 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

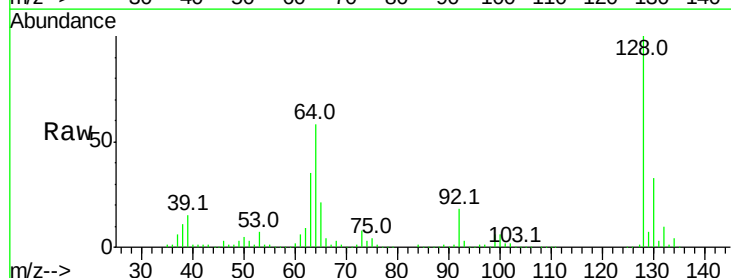
Tgt Ion:128 Resp: 469867

Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

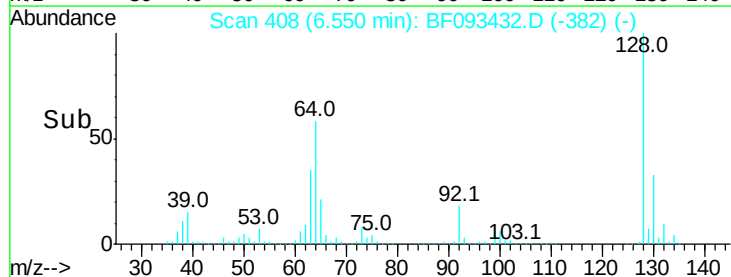
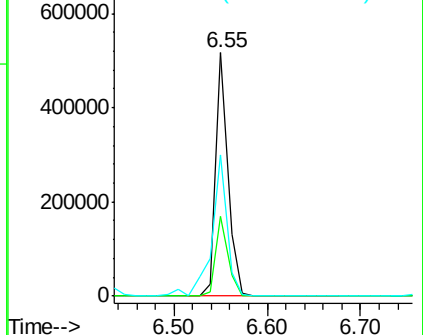
64 57.9 32.2 72.2

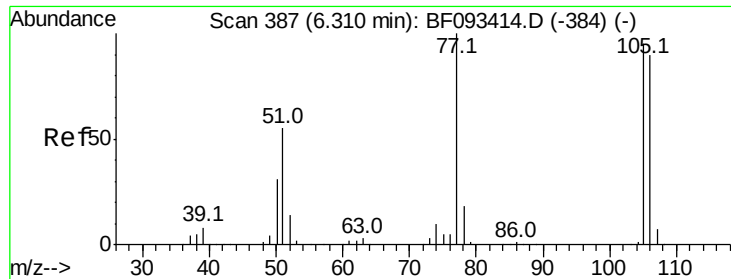


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





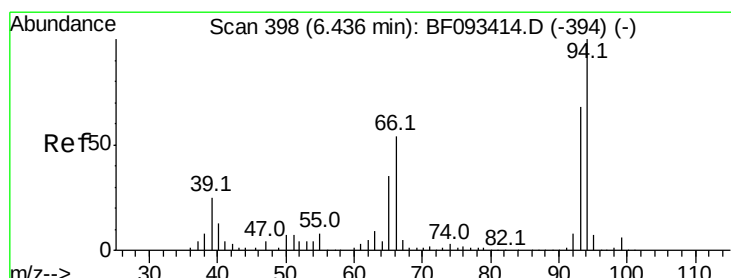
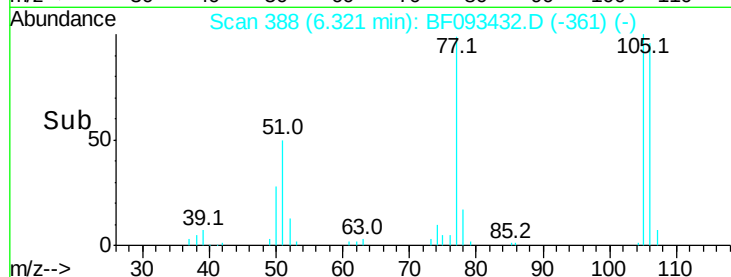
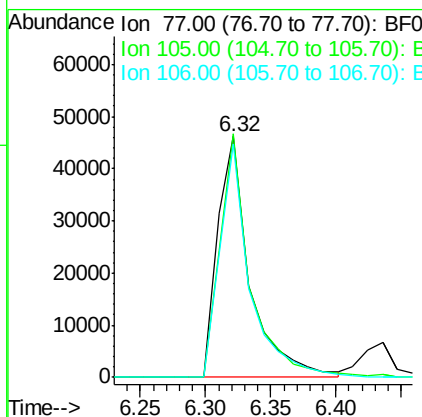
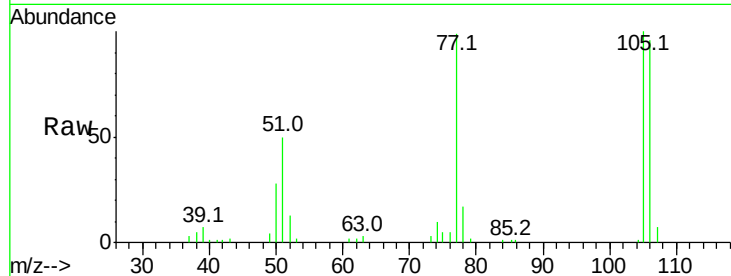
#9
Benzaldehyde
Concen: 6.35 ng
RT: 6.32 min Scan# 388
Delta R.T. 0.01 min
Lab File: BF093432.D
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Tot Ion: 77 Resp: 79940
Ion Ratio Lower Upper
77 100
105 101.1 83.9 123.9
106 96.6 77.6 117.6

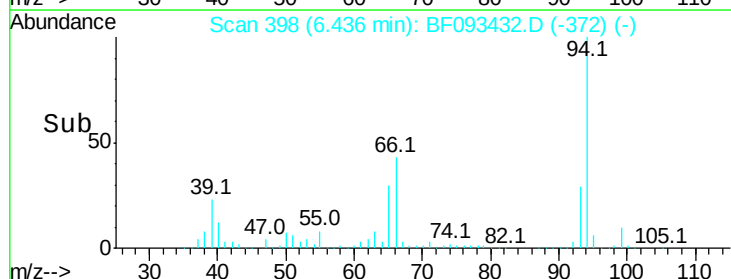
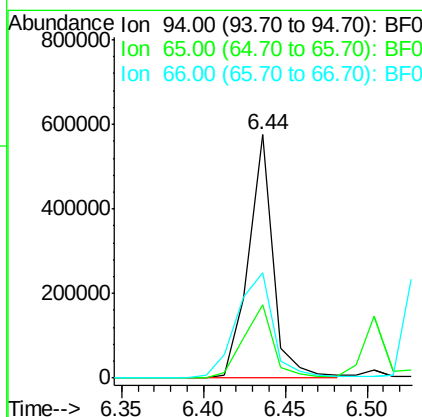
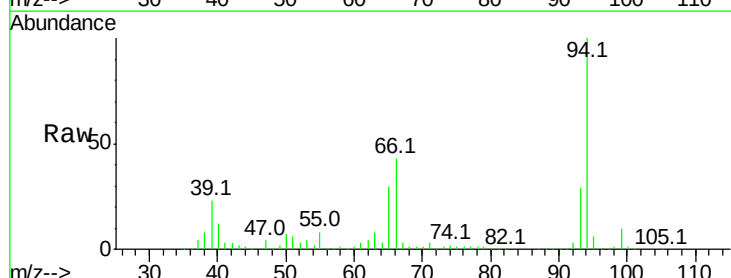
Manual Integrations
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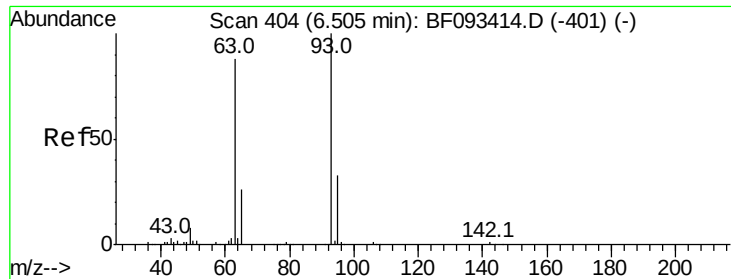
mohammad
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#10
Phenol
Concen: 33.95 ng m
RT: 6.44 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion: 94 Resp: 607601
Ion Ratio Lower Upper
94 100
65 30.3 21.4 61.4
66 43.1 44.0 84.0#





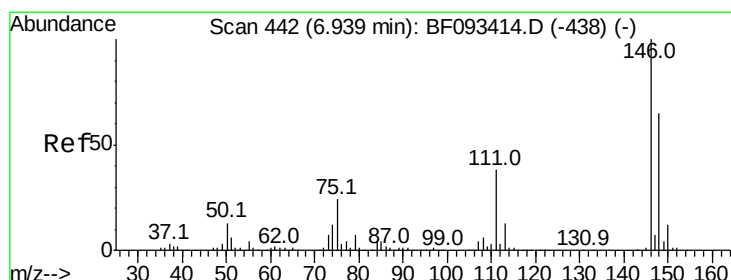
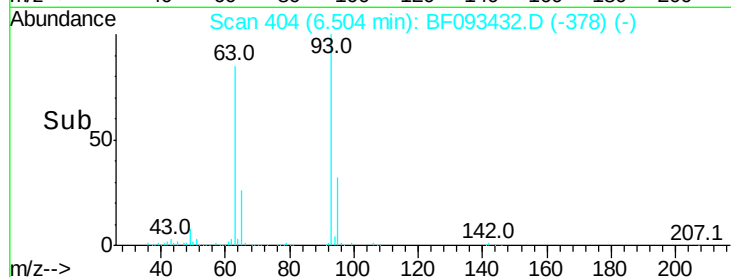
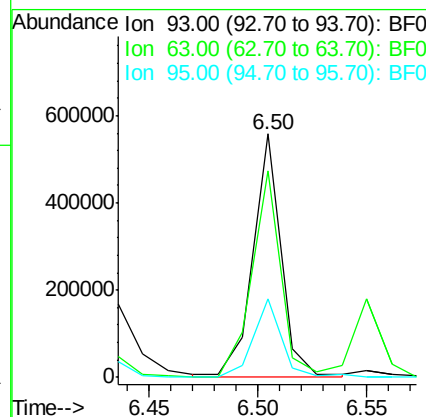
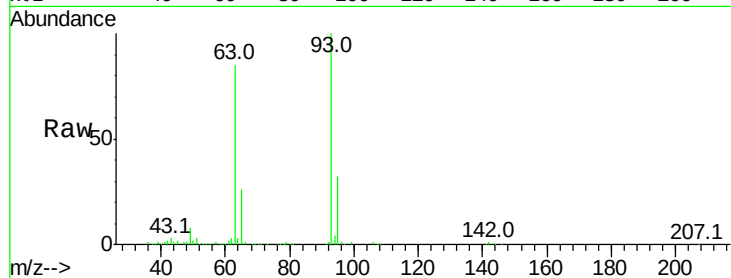
#11
bis(2-Chloroethyl)ether
Concen: 34.78 ng
RT: 6.50 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97430BS

Tot Ion	93	Resp	503061
Ion	Ratio	Lower	Upper
93	100		
63	84.9	60.4	100.4
95	32.2	12.8	52.8

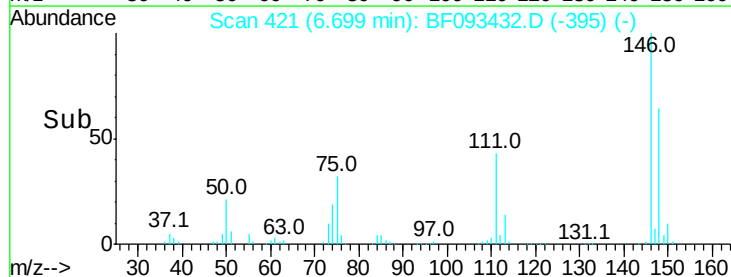
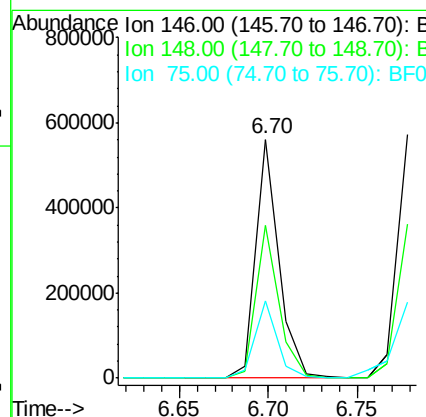
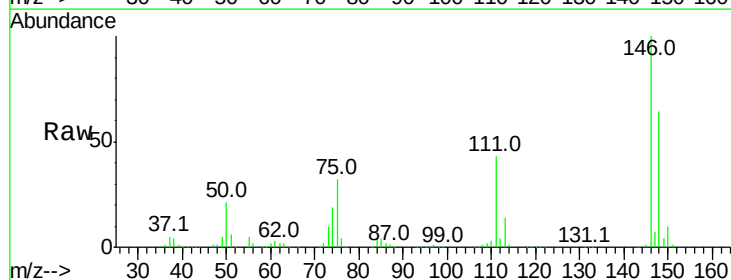
Manual Integrations
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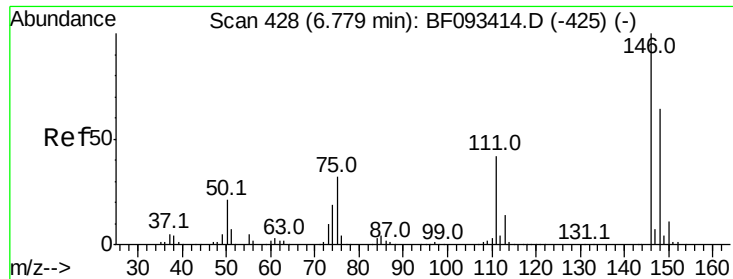
mohammad
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#12
1,3-Dichlorobenzene
Concen: 33.95 ng m
RT: 6.70 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion	146	Resp	504168
Ion	Ratio	Lower	Upper
146	100		
148	64.1	53.4	80.0
75	32.4	18.5	27.7#





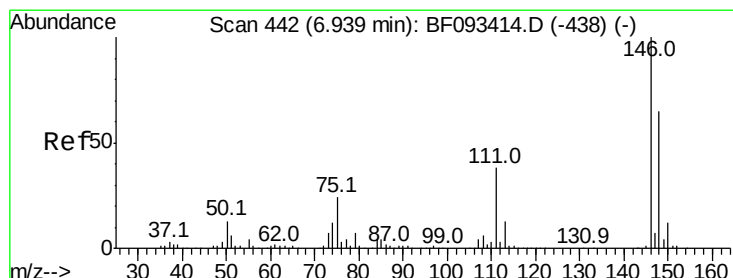
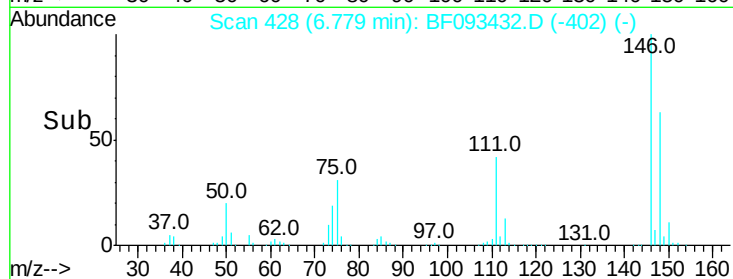
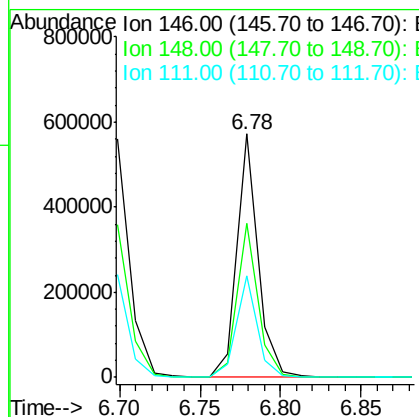
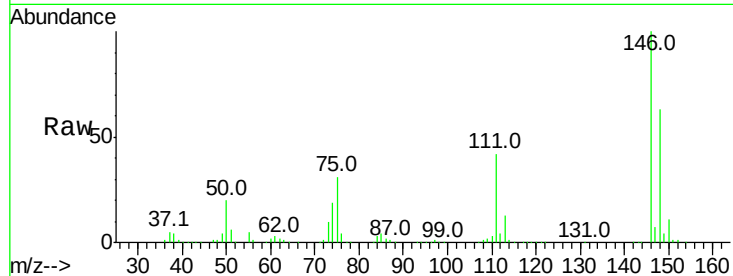
#13
 1,4-Dichlorobenzene
 Concen: 34.44 ng m
 RT: 6.78 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97430BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
111	41.6	36.2	54.4

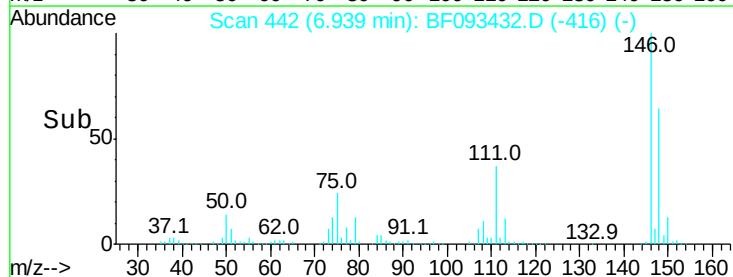
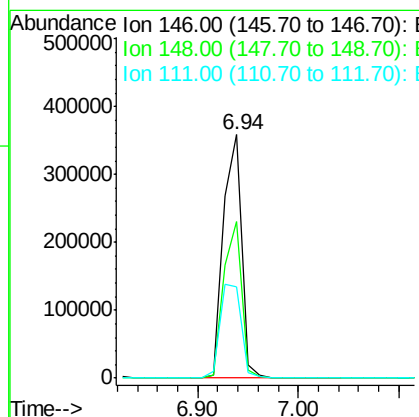
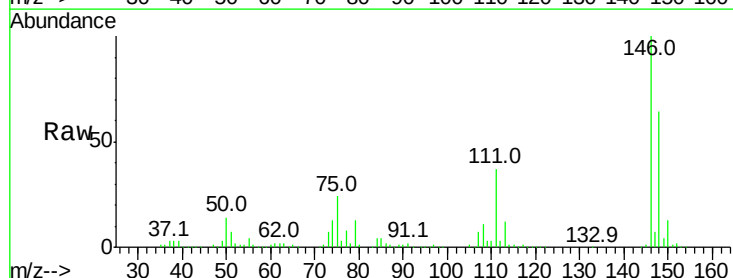
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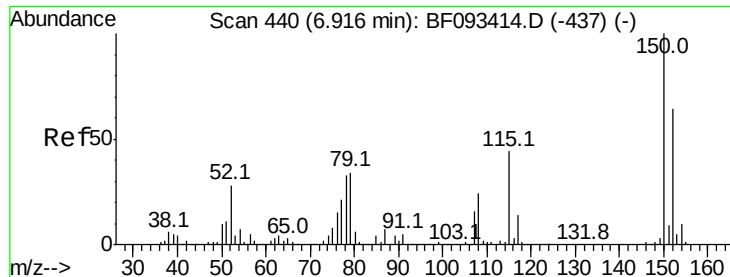
mohammad
 3/10/2017 8:11:39 AM



#14
 1,2-Dichlorobenzene
 Concen: 33.62 ng
 RT: 6.94 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.2	78.2
111	37.3	36.2	54.2





#15

Benzyl Alcohol

Concen: 36.59 ng

RT: 6.93 min Scan# 441

Delta R.T. 0.01 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

ClientSampled :

PB97430BS

Tot Ion: 79 Resp: 380859

Ion Ratio Lower Upper

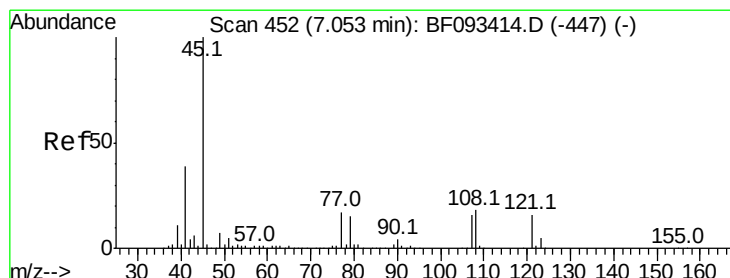
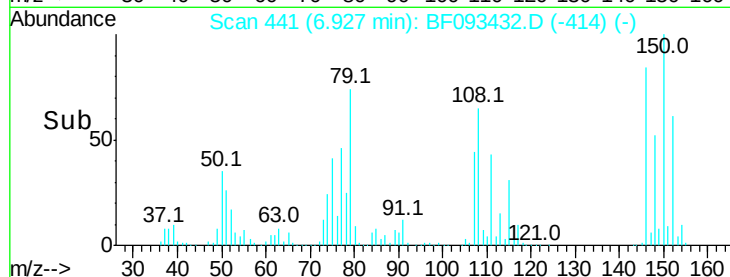
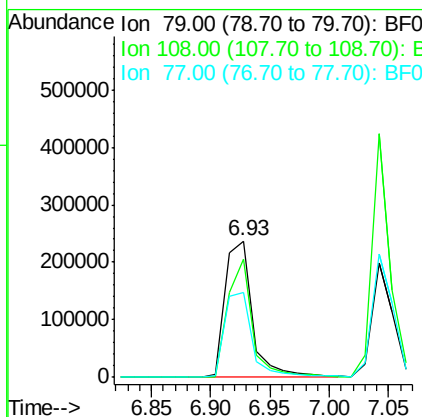
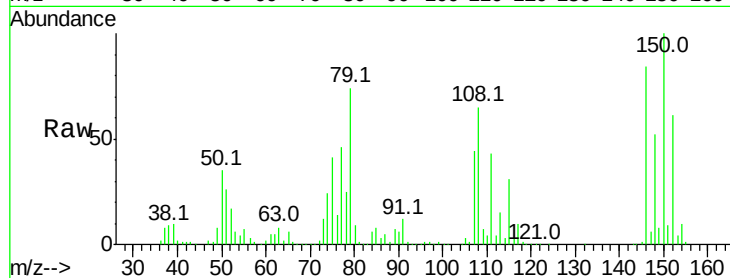
79 100

108 86.9 61.4 92.0

77 62.0 50.9 76.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.27 ng

RT: 7.05 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

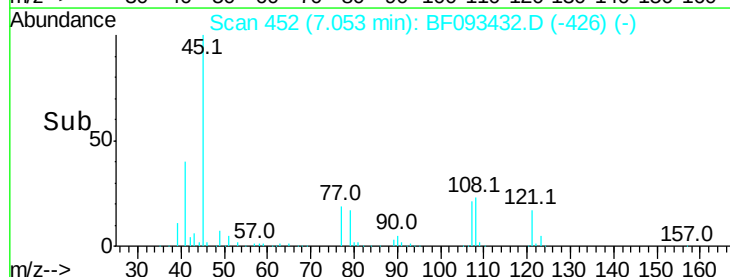
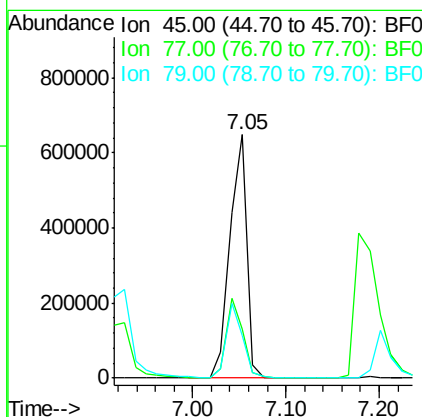
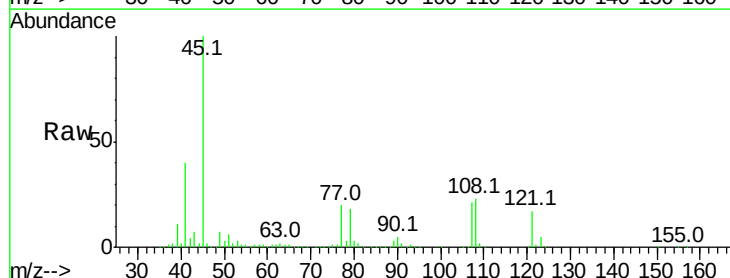
Tgt Ion: 45 Resp: 823404

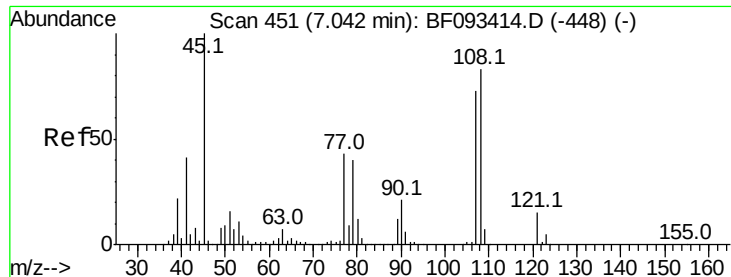
Ion Ratio Lower Upper

45 100

77 20.2 0.0 34.6

79 17.6 0.0 31.2





#17

2-Methylphenol

Concen: 35.99 ng

RT: 7.04 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97430BS

Tot Ion:107 Resp: 394983

Ion Ratio Lower Upper

107 100

108 113.7 93.0 139.6

77 57.3 39.8 59.8

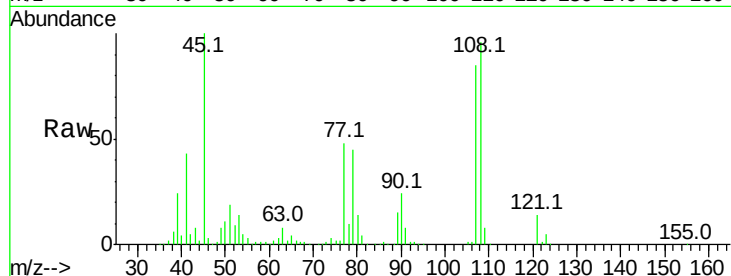
79 53.4 38.0 57.0

Manual Integrations

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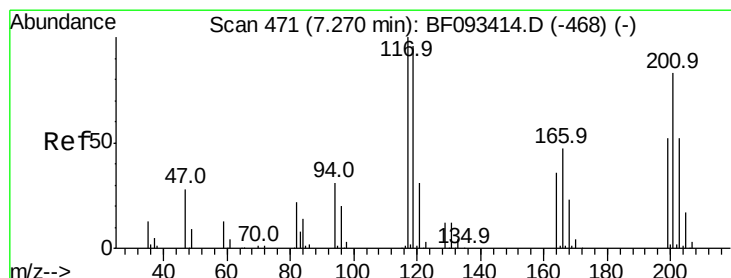
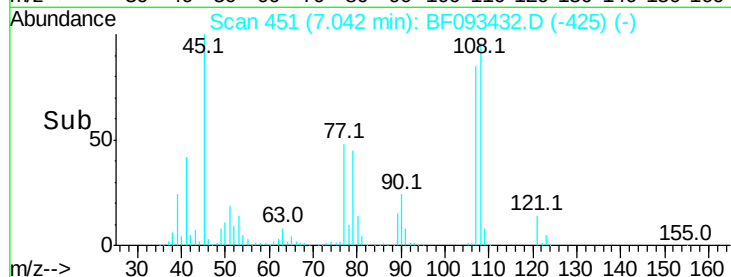
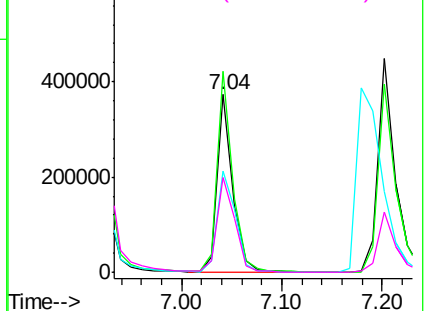


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 34.64 ng

RT: 7.27 min Scan# 471

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

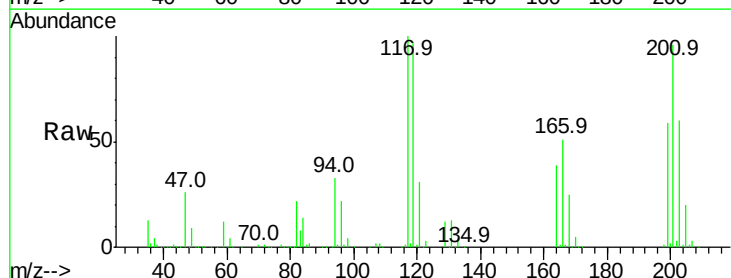
Tgt Ion:117 Resp: 177613

Ion Ratio Lower Upper

117 100

119 97.5 78.1 117.1

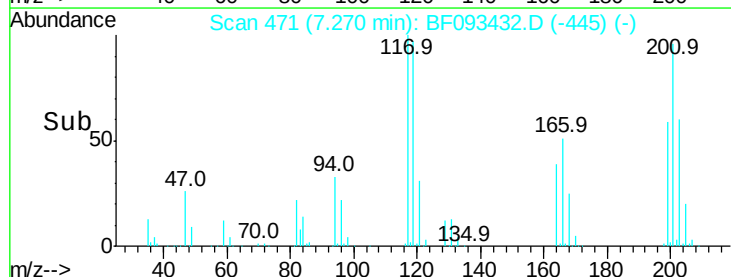
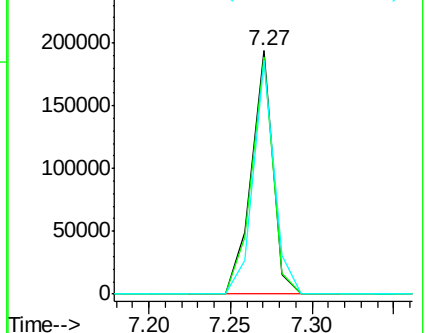
201 95.7 78.6 117.8

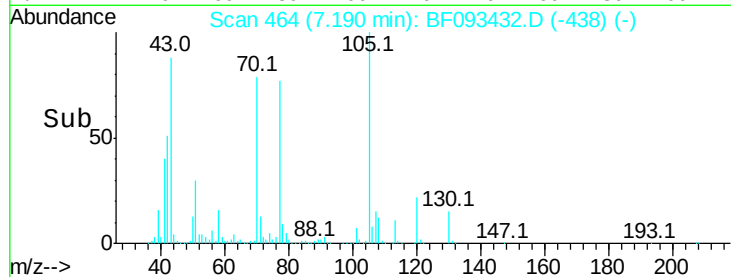
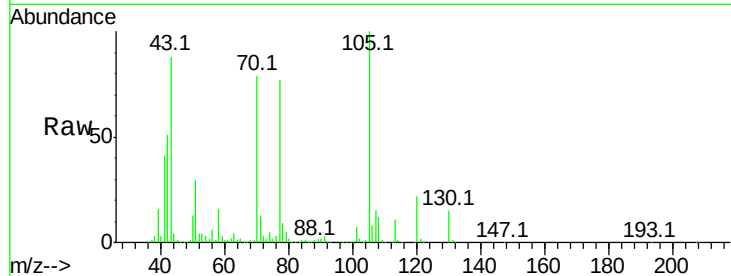
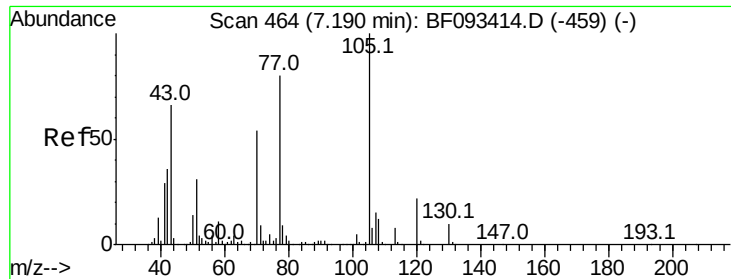


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





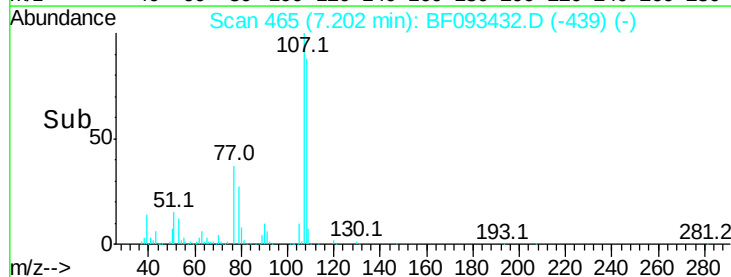
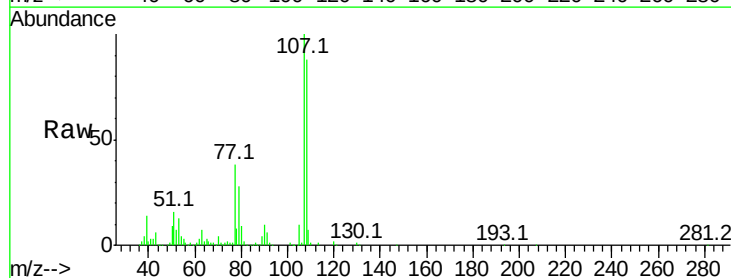
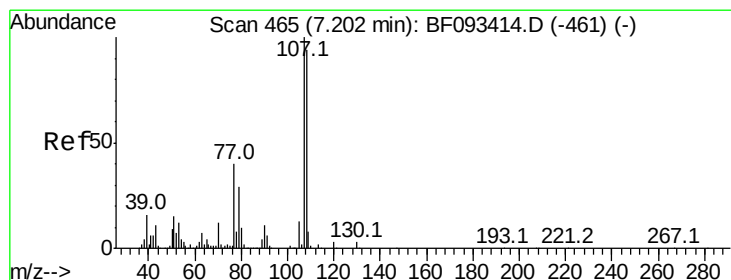
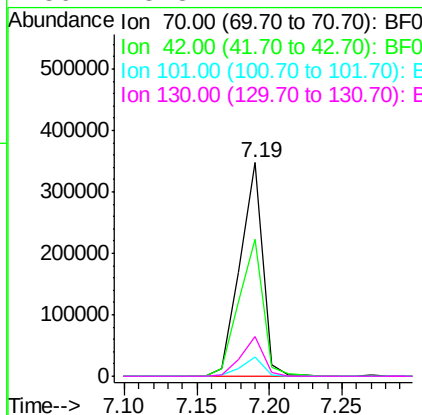
#19
n-Nitroso-di-n-propylamine
Concen: 37.70 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97430BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.2	49.4	74.0
101	9.3	7.4	11.2
130	18.8	14.2	21.4

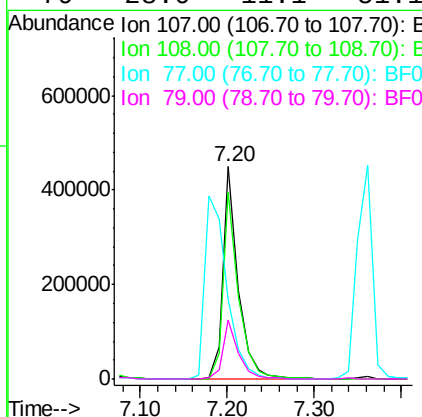
Manual Integrations
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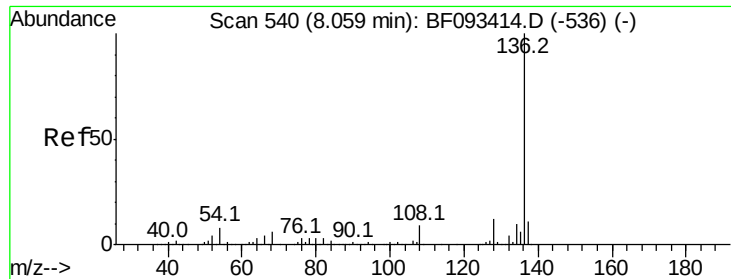
mohammad
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#20
3+4-Methylphenols
Concen: 38.41 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	73.0	113.0
77	37.7	71.3	111.3
79	28.0	11.1	51.1





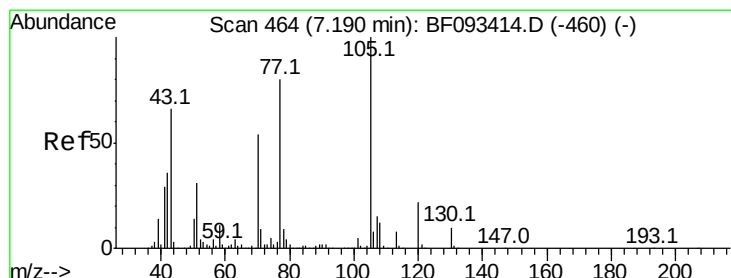
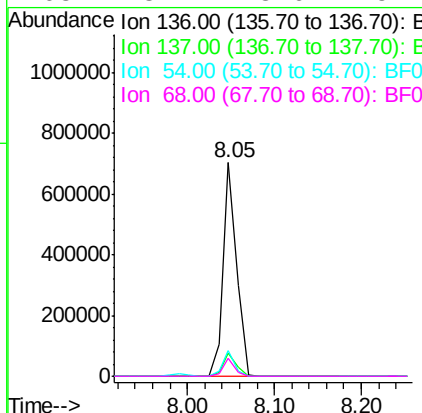
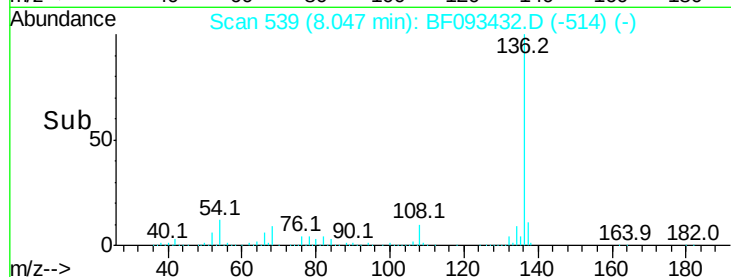
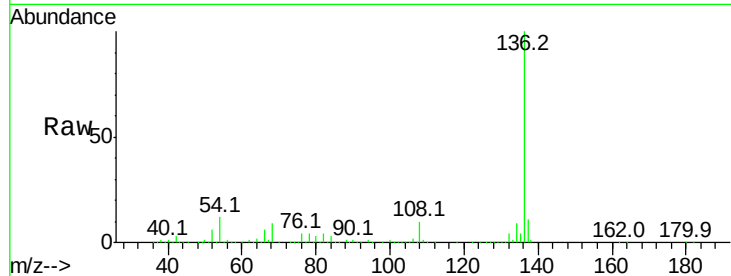
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97430BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.4	12.6	
54	12.0	4.5	6.7#	
68	8.7	3.6	5.4#	

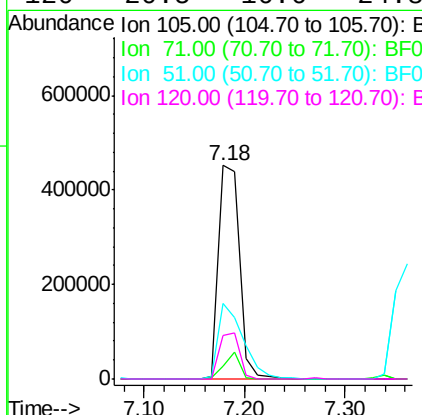
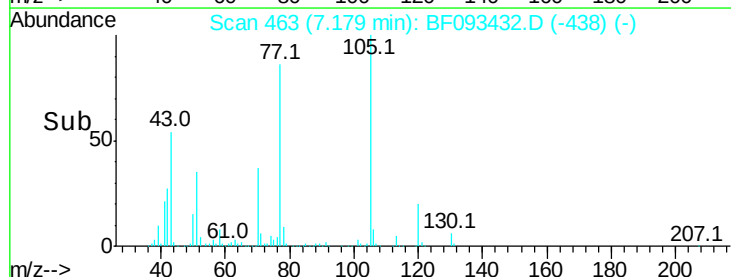
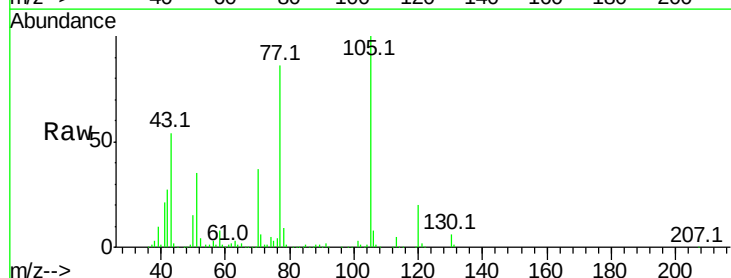
Manual Integrations
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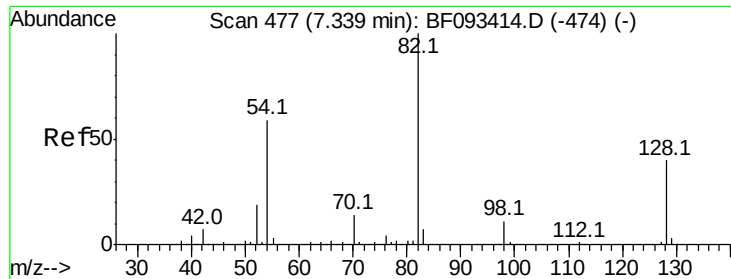
mohammad
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#22
Acetophenone
Concen: 35.57 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.1	3.2	4.8#	
51	35.4	26.2	39.4	
120	20.5	16.6	24.8	





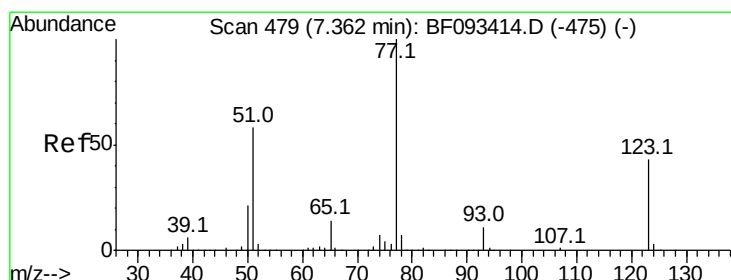
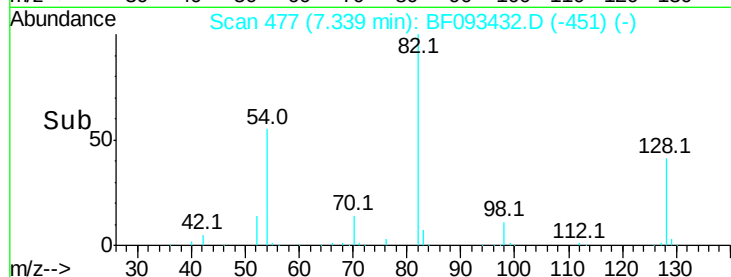
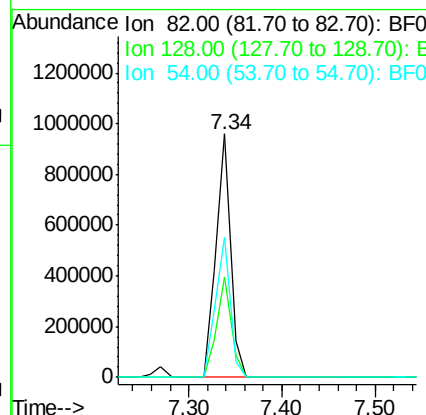
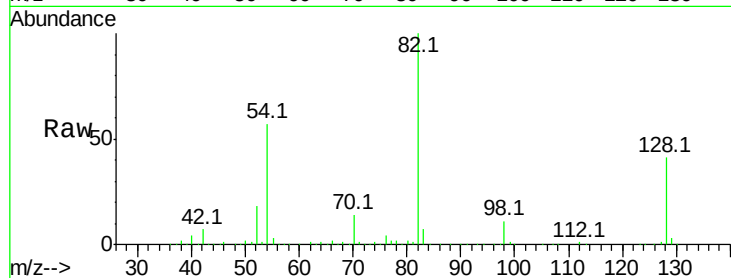
#23
 Nitrobenzene-d5
 Concen: 76.65 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97430BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.6	52.0
54	57.3	39.5	59.3

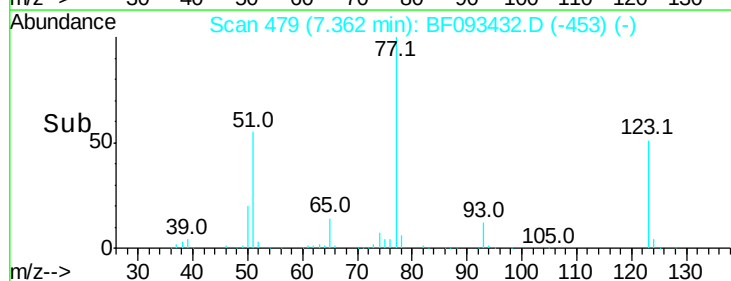
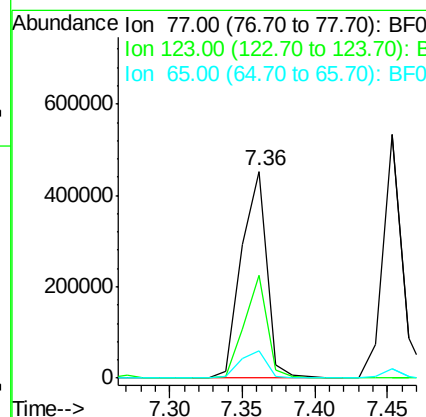
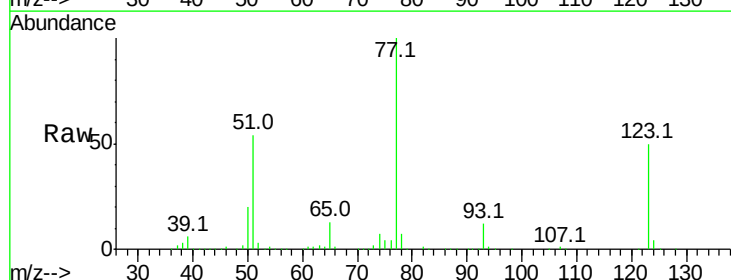
Manual Integrations
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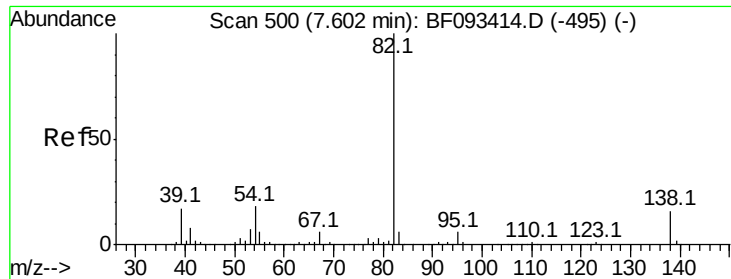
mohammad
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#24
 Nitrobenzene
 Concen: 35.21 ng
 RT: 7.36 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.0	33.0	49.4#
65	13.4	11.2	16.8





#25

Isophorone

Concen: 35.54 ng

RT: 7.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

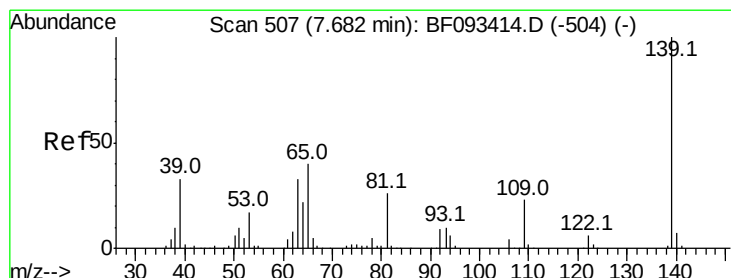
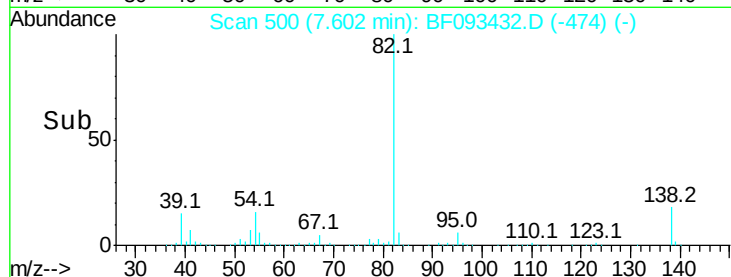
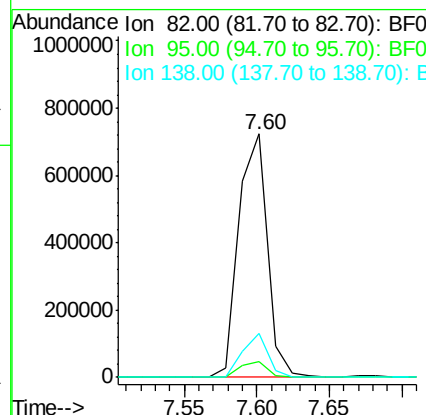
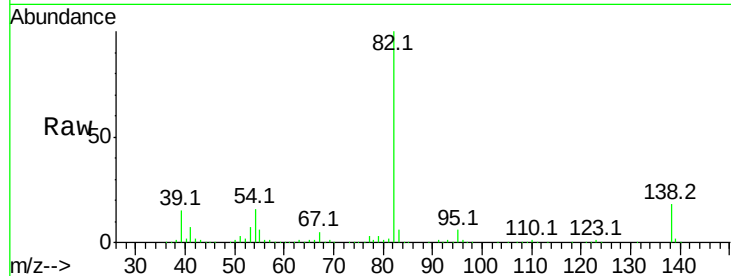
ClientSampled :

PB97430BS

Tot Ion:	82	Resp:	990088
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.6	8.4
138	17.8	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 36.31 ng

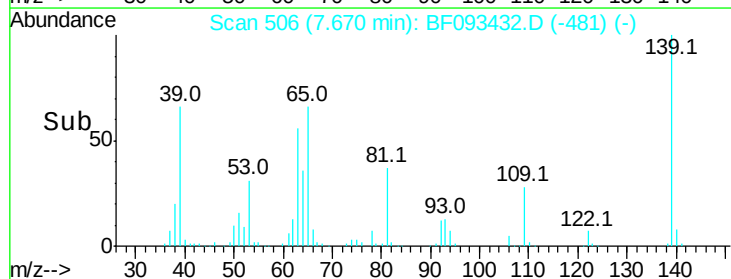
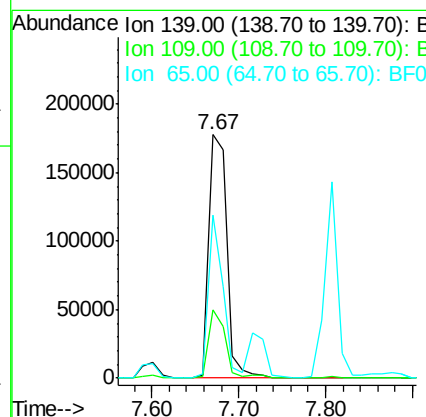
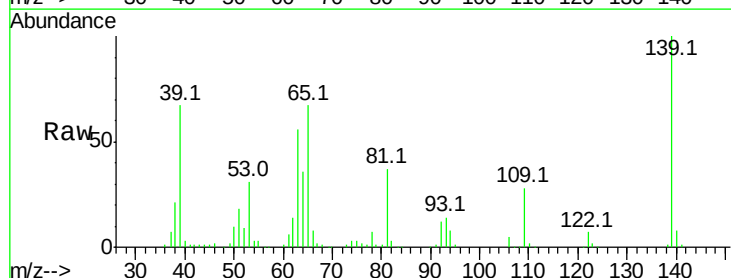
RT: 7.67 min Scan# 506

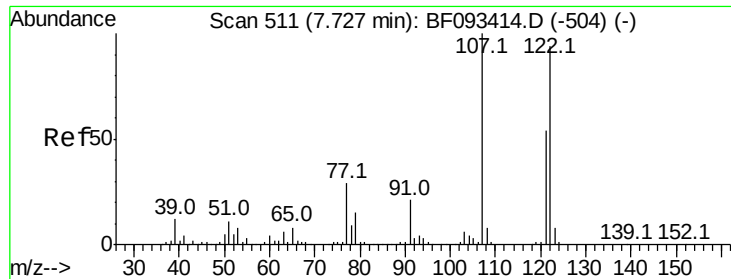
Delta R.T. -0.01 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Tgt Ion:	139	Resp:	257209
Ion Ratio	Lower	Upper	
139	100		
109	27.9	23.3	34.9
65	66.9	42.7	64.1#





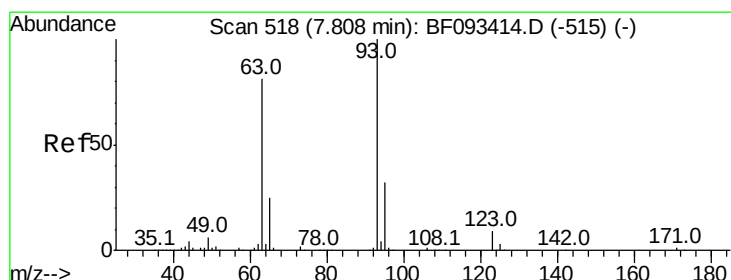
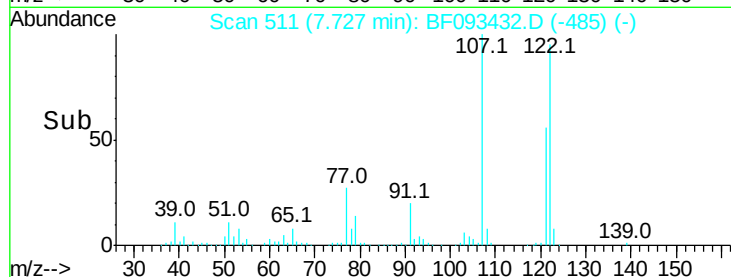
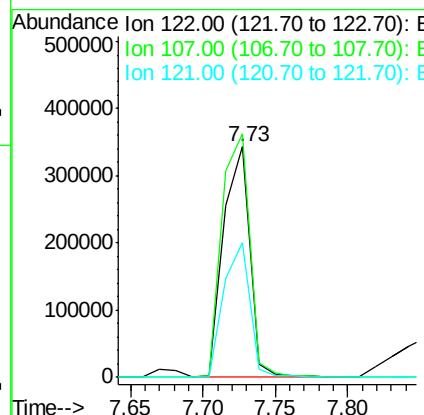
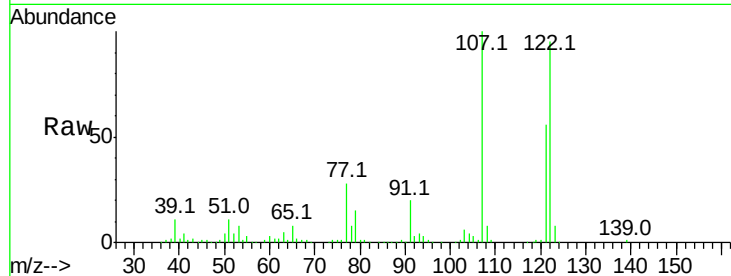
#27
 2,4-Dimethylphenol
 Concen: 37.21 ng
 RT: 7.73 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97430BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	428818		
107	105.7		94.1	141.1
121	58.7		46.0	69.0

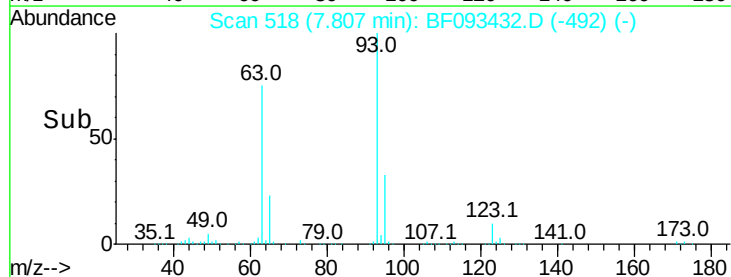
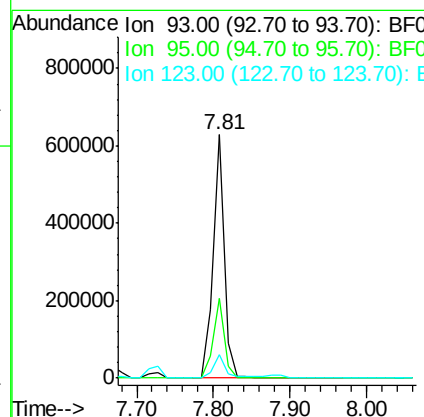
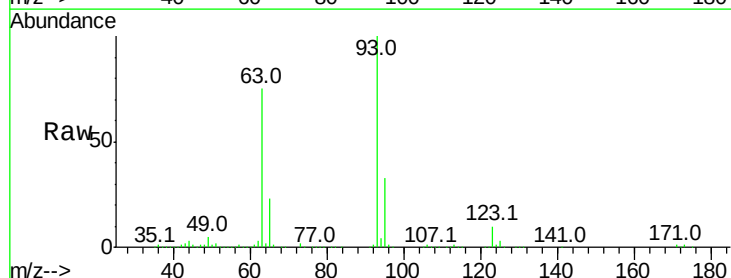
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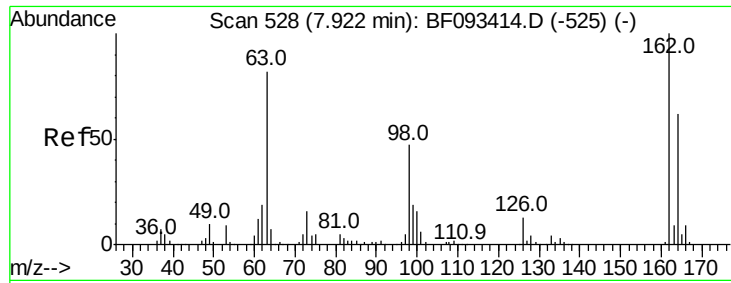
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 35.67 ng
 RT: 7.81 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	627255		
95	32.7		26.5	39.7
123	9.7		8.6	13.0





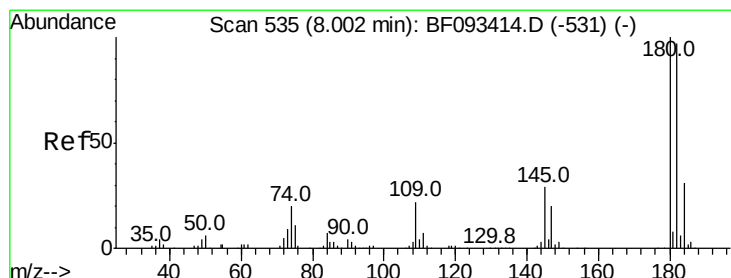
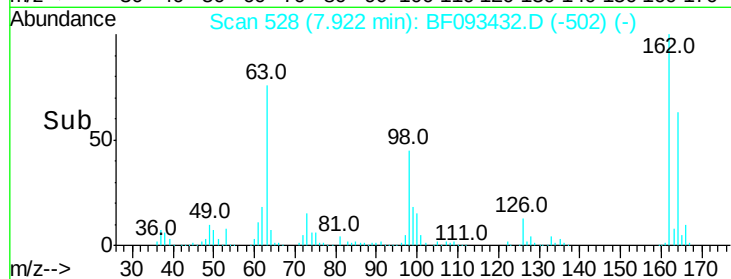
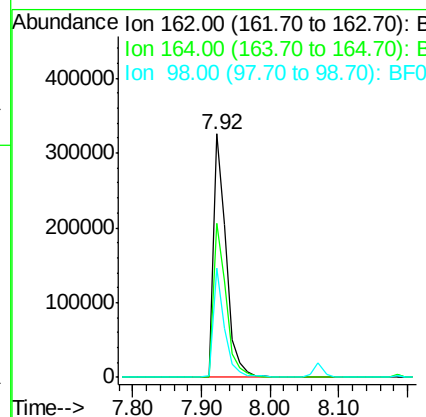
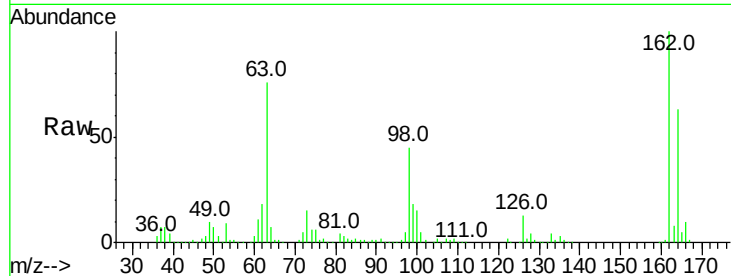
#29
 2,4-Dichlorophenol
 Concen: 39.05 ng
 RT: 7.92 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97430BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	423329		
164	63.2	46.8	86.8	
98	45.0	9.1	49.1	

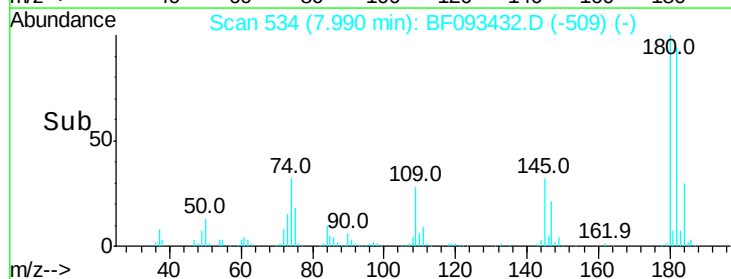
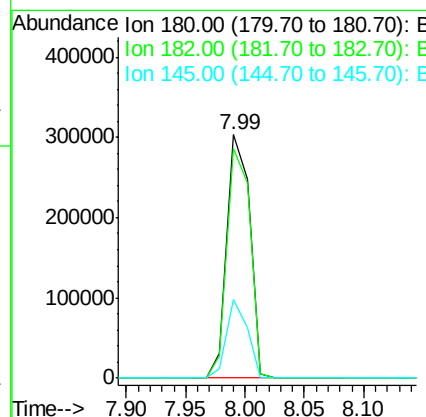
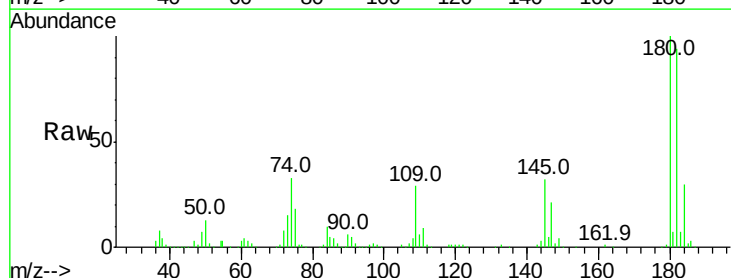
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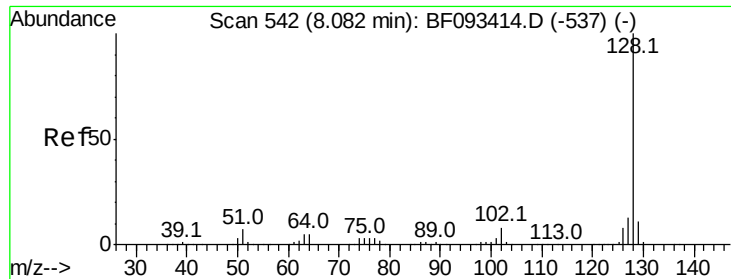
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.08 ng
 RT: 7.99 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	404417		
182	94.1	78.2	117.4	
145	32.4	21.6	32.4#	





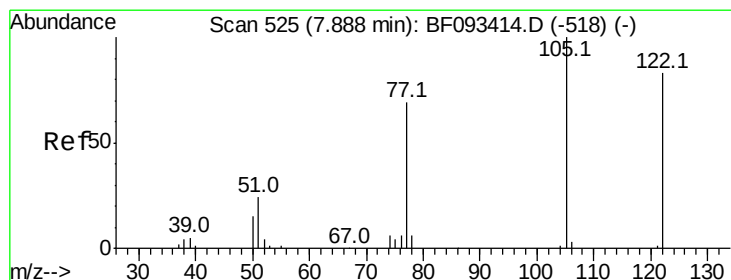
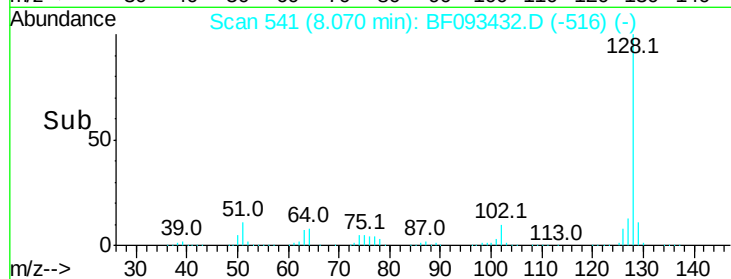
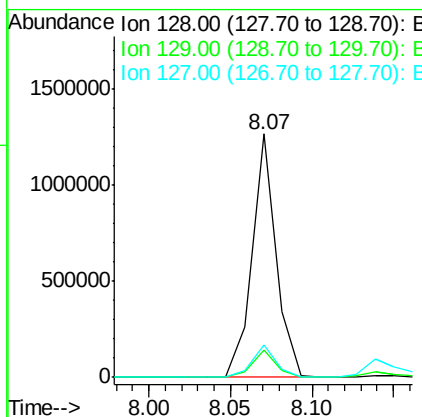
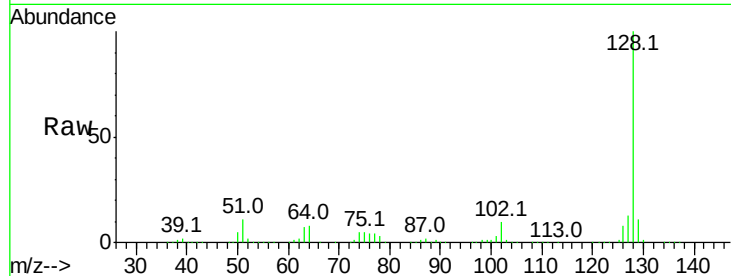
#31
Naphthalene
Concen: 33.66 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97430BS

Tot Ion:128 Resp: 1292831
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.2 10.8 16.2

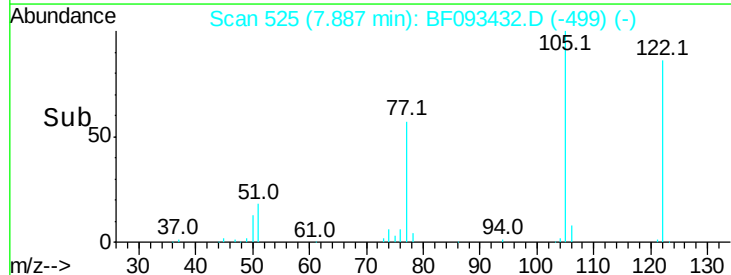
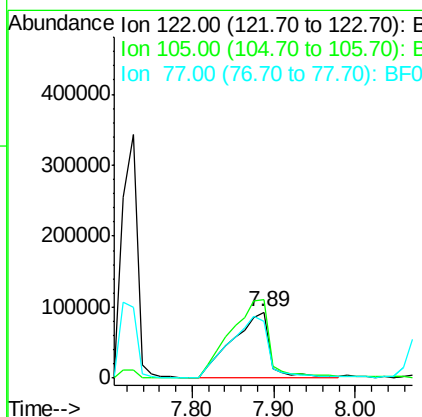
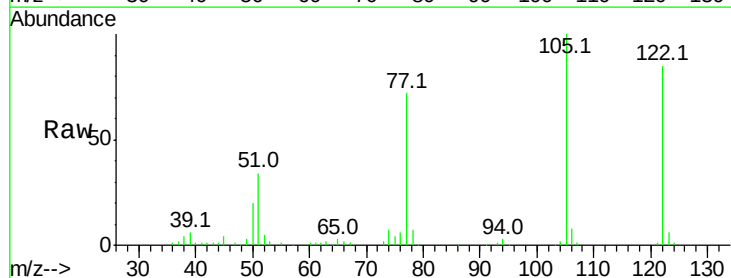
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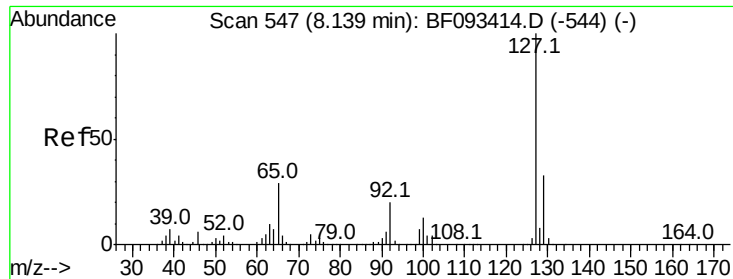
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#32
Benzoic acid
Concen: 49.09 ng
RT: 7.89 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion:122 Resp: 293916
Ion Ratio Lower Upper
122 100
105 117.7 107.2 147.2
77 84.9 74.5 114.5





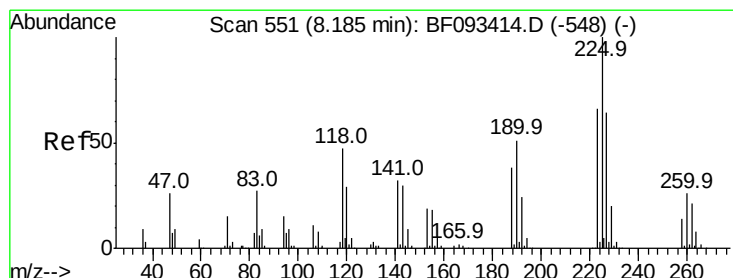
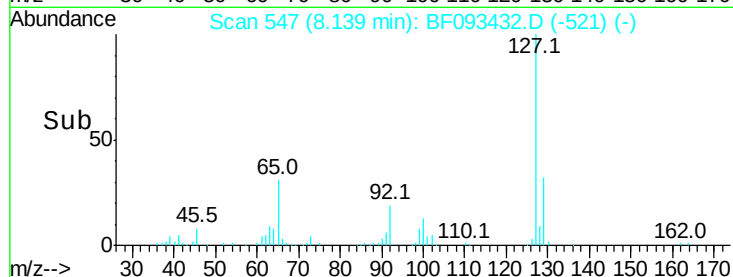
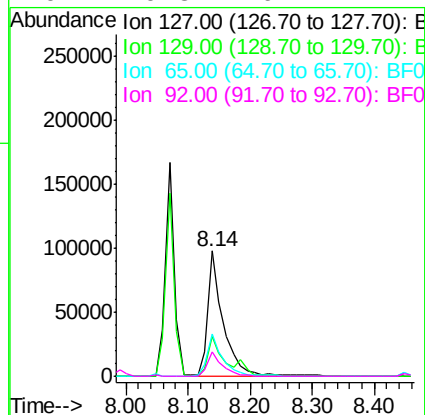
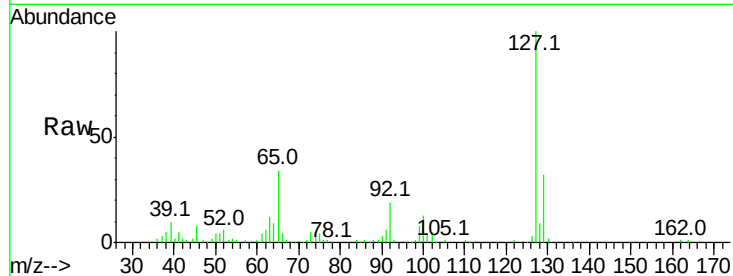
#33
4-Chloroaniline
Concen: 10.97 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97430BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	170974		
129	32.0		26.3	39.5
65	33.5		25.8	38.8
92	19.3		16.1	24.1

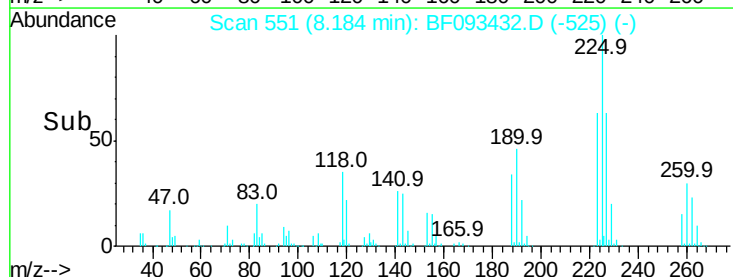
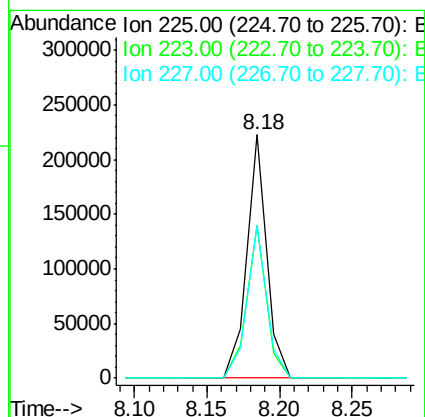
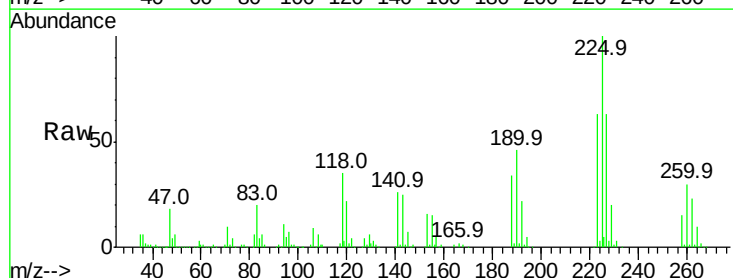
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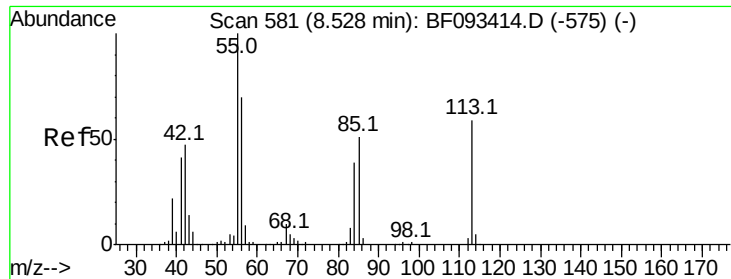
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#34
Hexachlorobutadiene
Concen: 35.67 ng
RT: 8.18 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	211818		
223	62.9		51.0	76.6
227	62.7		50.6	76.0





#35

Caprolactam

Concen: 40.41 ng/ml

RT: 8.52 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

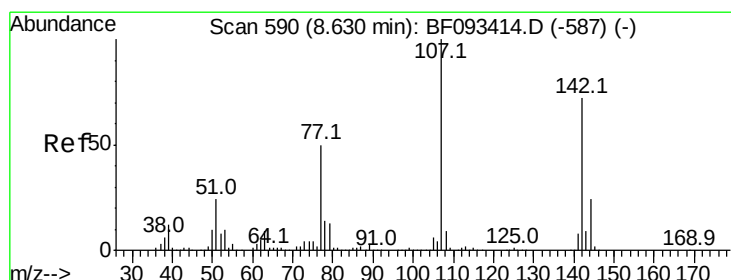
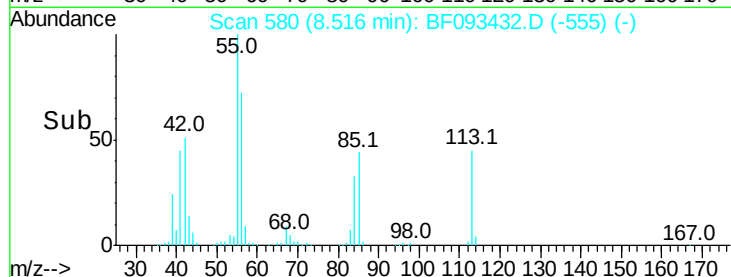
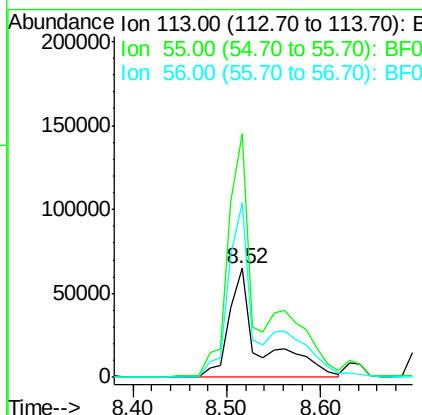
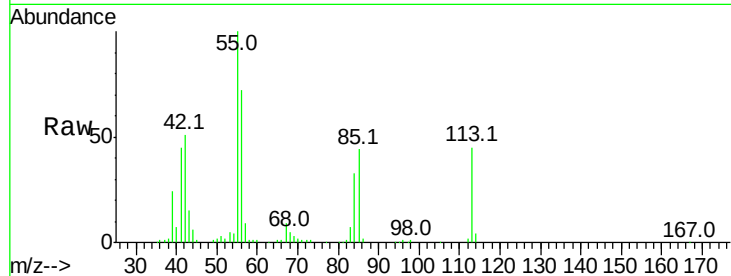
ClientSampleID :

PB97430BS

Tot Ion:	113	Resp:	149603
Ion Ratio	Lower	Upper	
113	100		
55	223.5	119.2	159.2#
56	160.5	83.8	123.8#

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#36

4-Chloro-3-methylphenol

Concen: 38.02 ng/ml

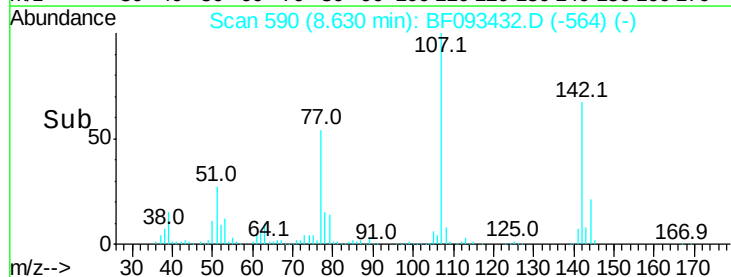
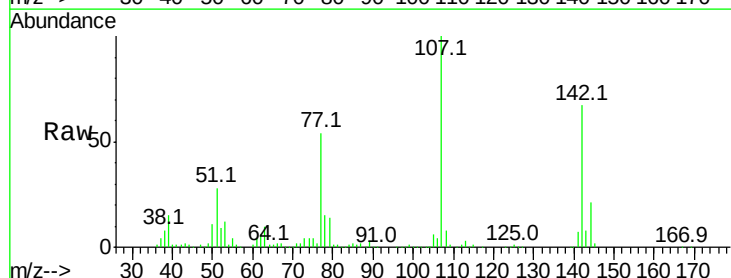
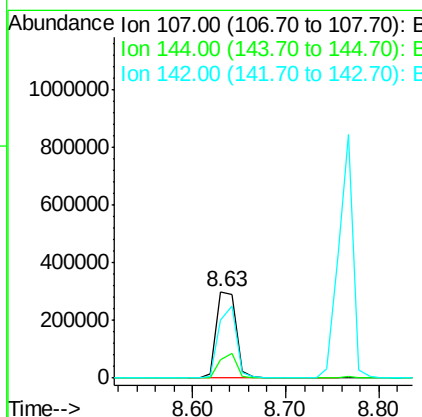
RT: 8.63 min Scan# 590

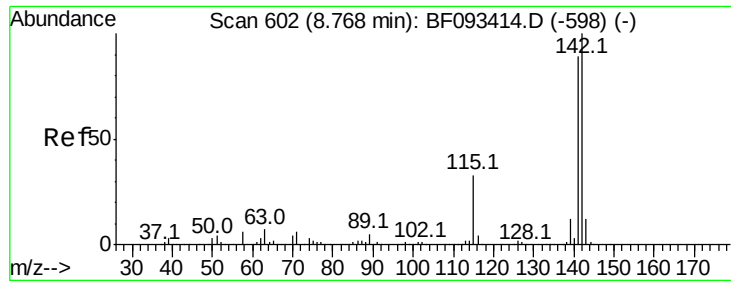
Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Tgt Ion:	107	Resp:	439959
Ion Ratio	Lower	Upper	
107	100		
144	21.2	19.3	28.9
142	66.6	59.0	88.6





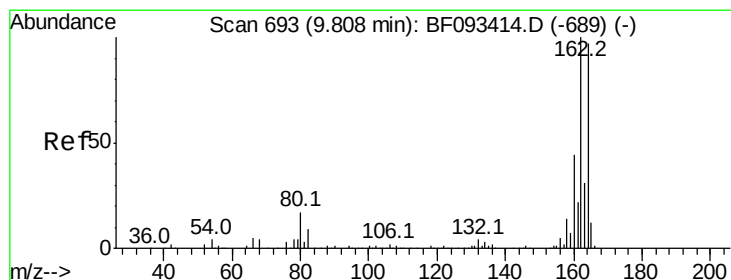
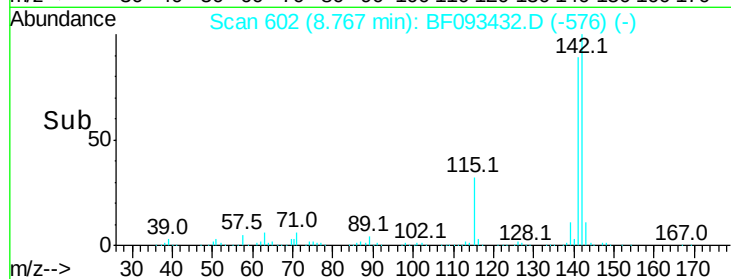
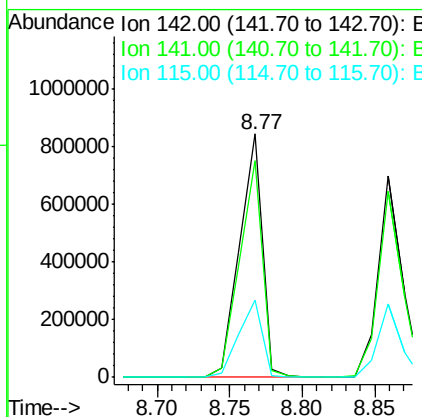
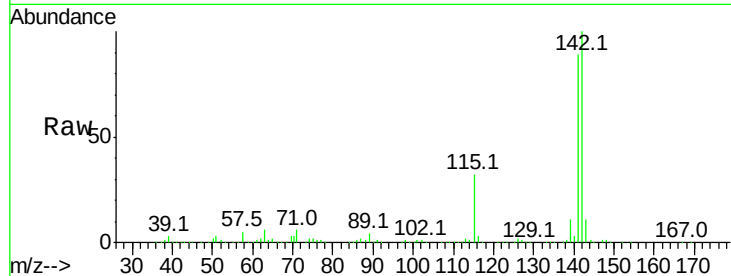
#37
 2-Methylnaphthalene
 Concen: 37.80 ng
 RT: 8.77 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97430BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.6
115	31.8	28.3	42.5

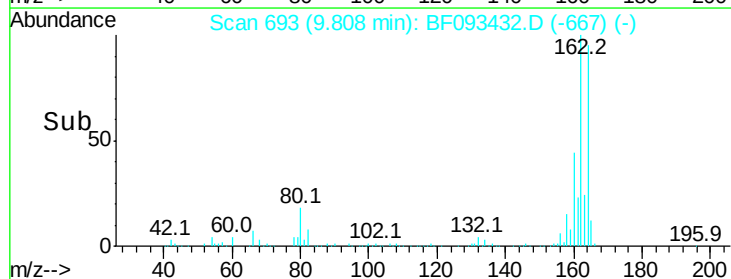
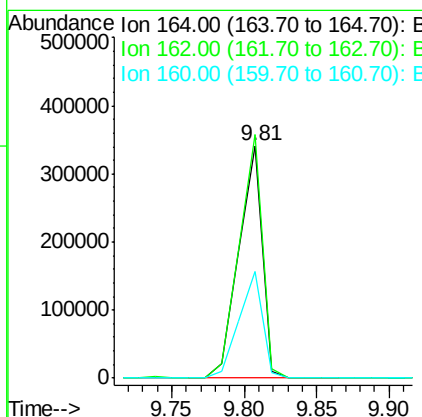
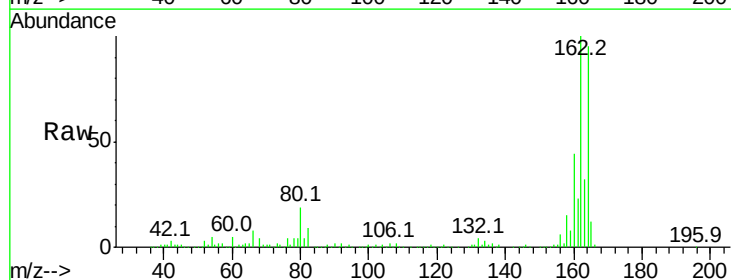
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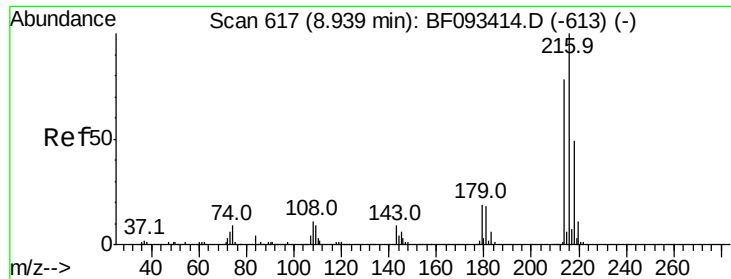
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	80.2	120.2
160	45.8	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.43 ng

RT: 8.93 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF093432.D

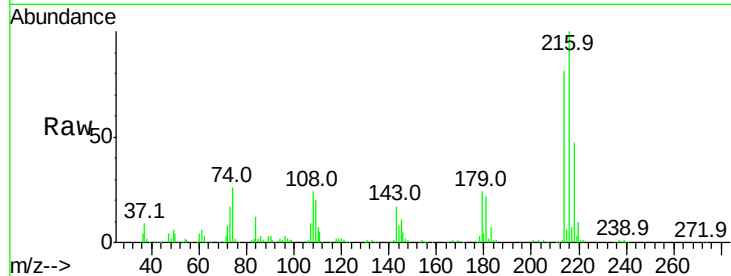
Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

ClientSampleId :

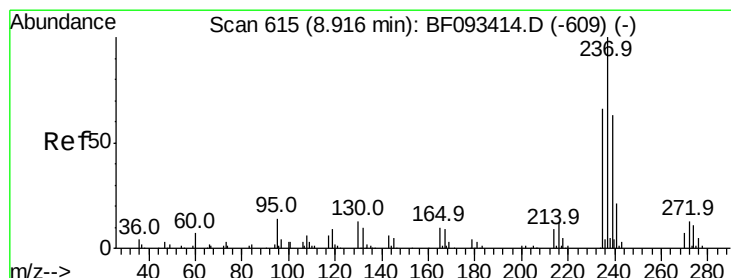
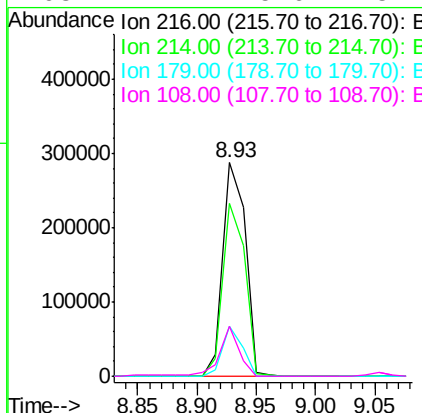
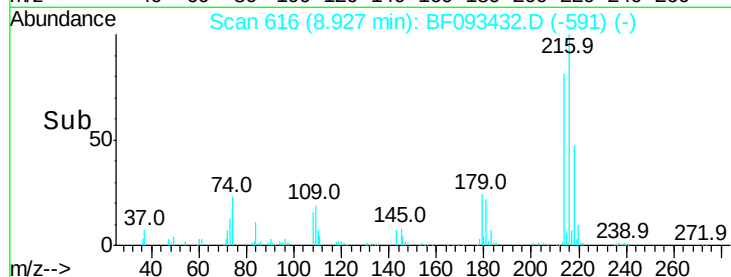
PB97430BS



Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	63.4	95.0	
179	20.8	17.4	26.2	
108	21.4	15.6	23.4	

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#40

Hexachlorocyclopentadiene

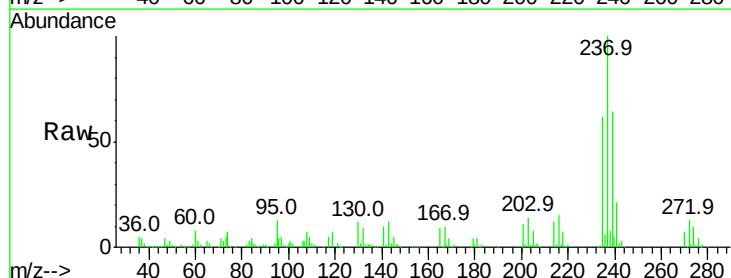
Concen: 78.66 ng

RT: 8.92 min Scan# 615

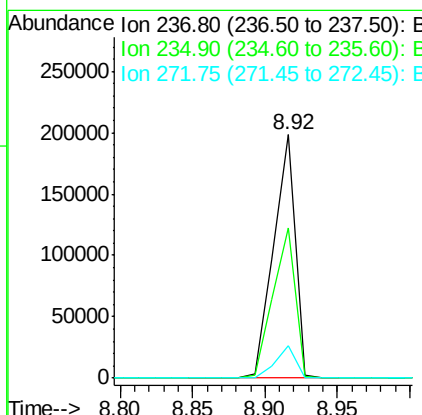
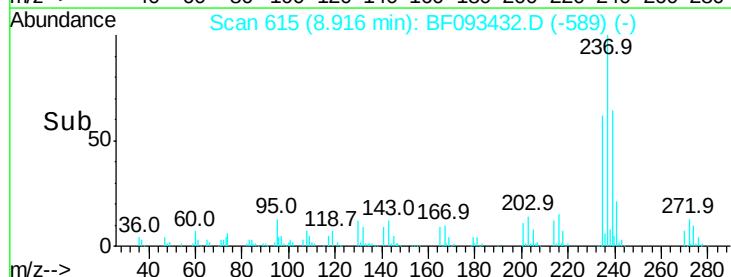
Delta R.T. -0.00 min

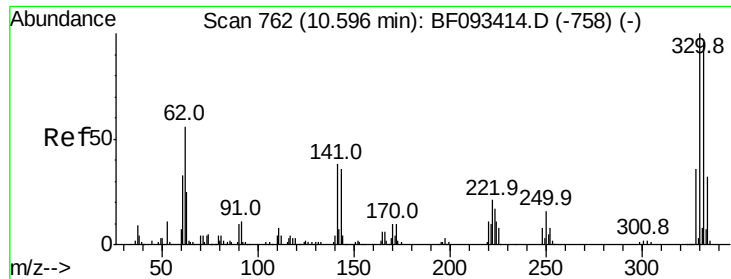
Lab File: BF093432.D

Acq: 8 Mar 2017 17:01



Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	61.6	41.2	81.2	
272	13.3	0.0	35.4	





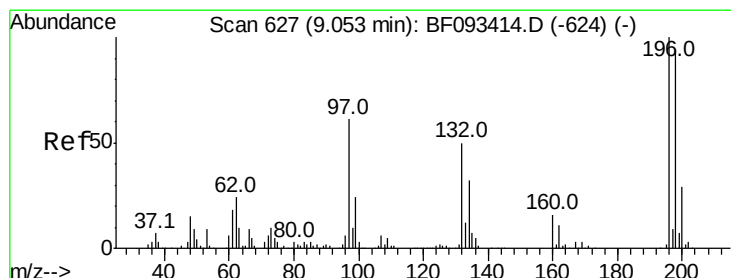
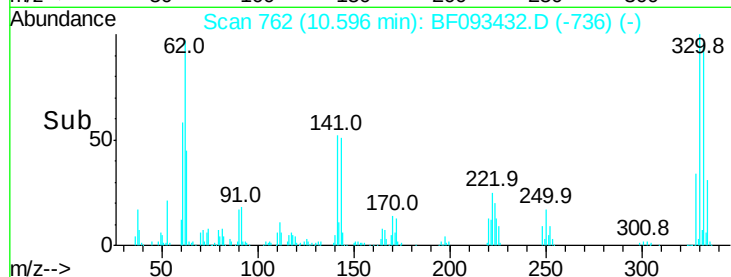
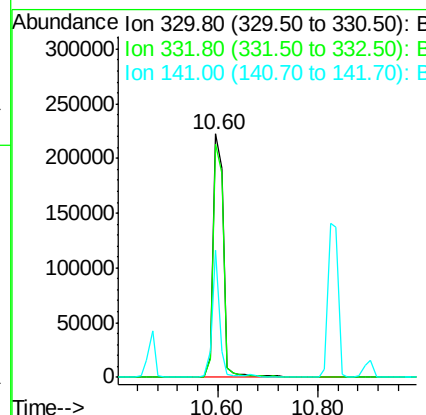
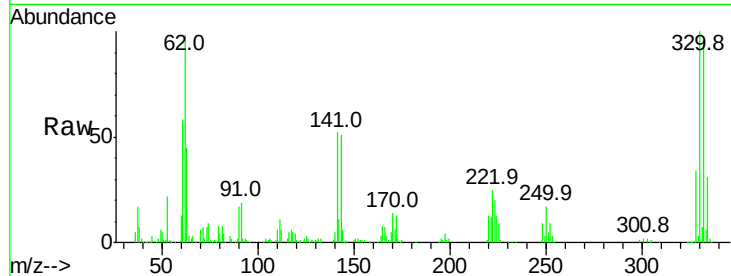
#41
 2,4,6-Tribromophenol
 Concen: 128.51 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97430BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	320296		
332	95.7		77.4	116.2
141	36.8		34.1	51.1

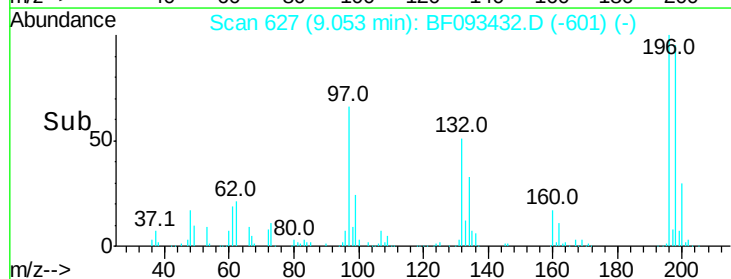
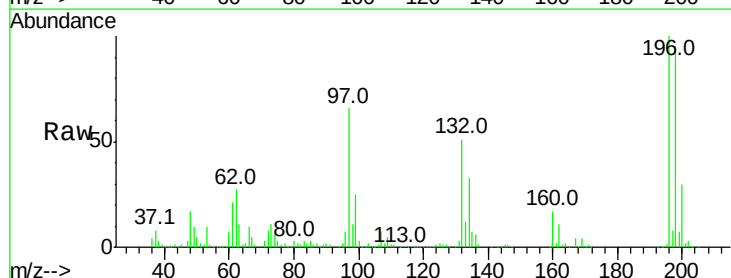
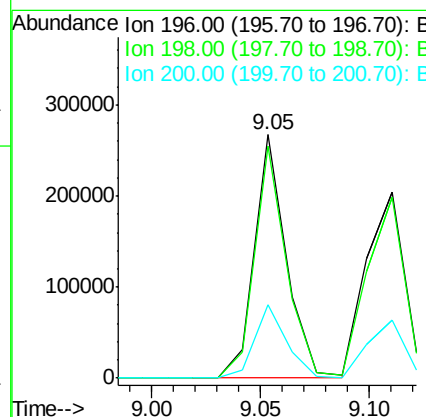
Manual Integrations
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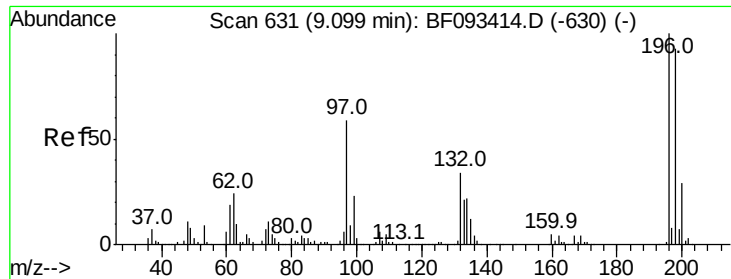
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 41.62 ng
 RT: 9.05 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	271622		
198	95.1		82.1	123.1
200	30.3		27.0	40.4





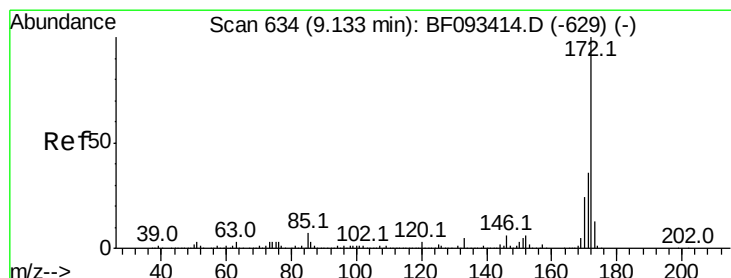
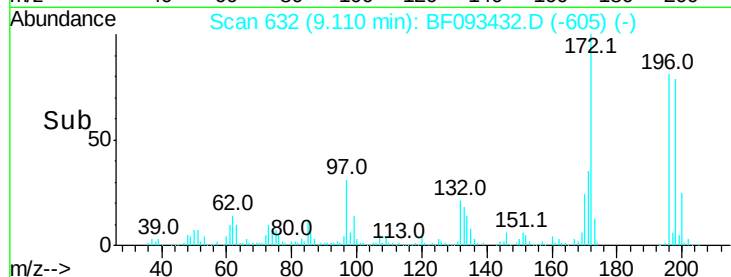
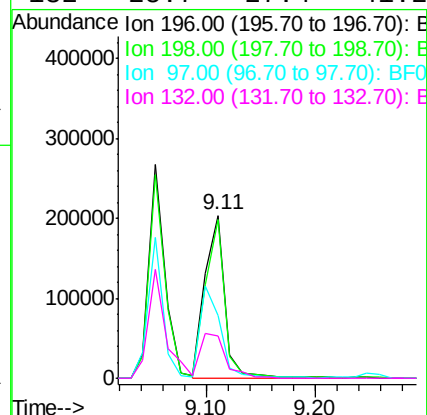
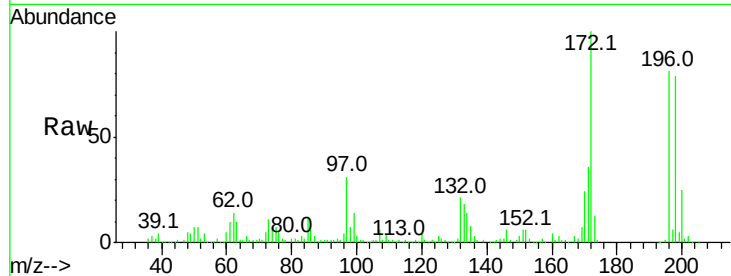
#43
 2,4,5-Trichlorophenol
 Concen: 37.36 ng
 RT: 9.11 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97430BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	261602		
198	97.5	79.4	119.2	
97	38.5	51.5	77.3#	
132	25.7	27.4	41.2#	

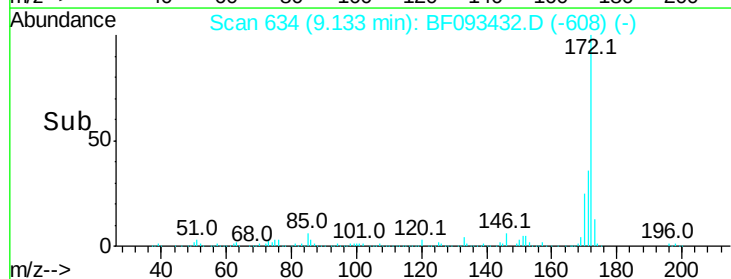
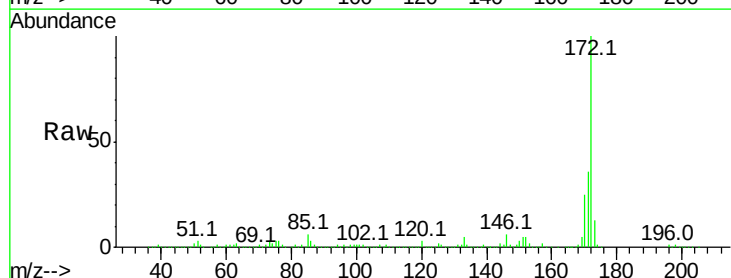
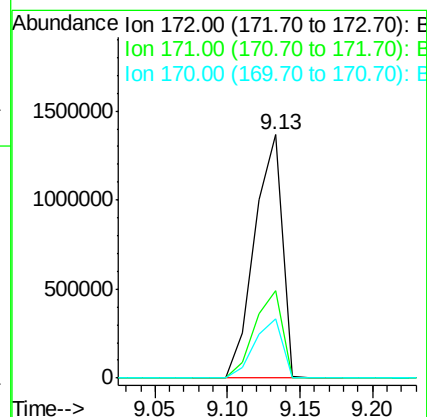
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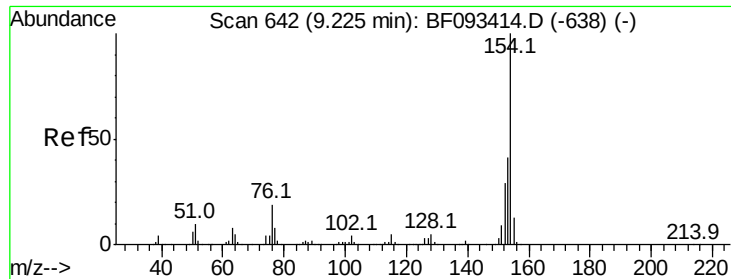
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 88.23 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1814525		
171	36.1	29.4	44.0	
170	24.5	20.2	30.4	





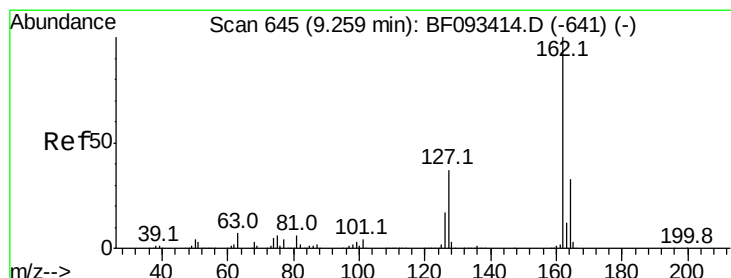
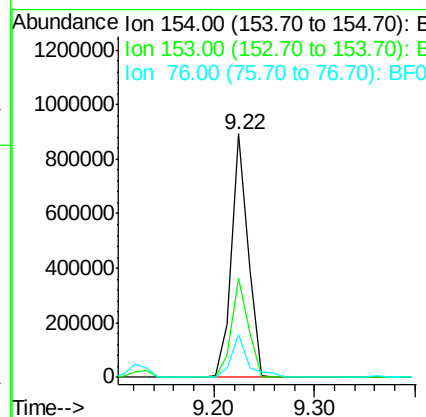
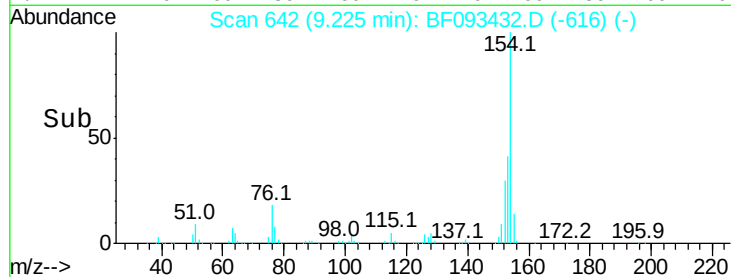
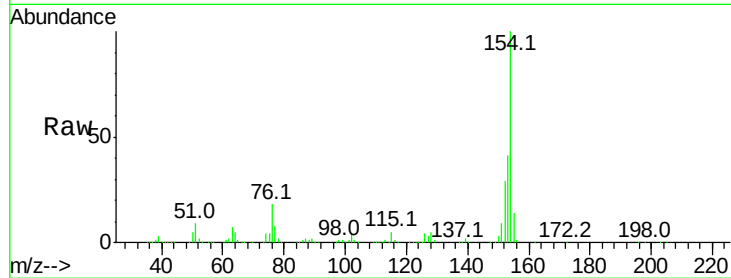
#45
1,1'-Biphenyl
Concen: 36.84 ng
RT: 9.22 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97430BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.9	60.9
76	17.5	0.0	30.5

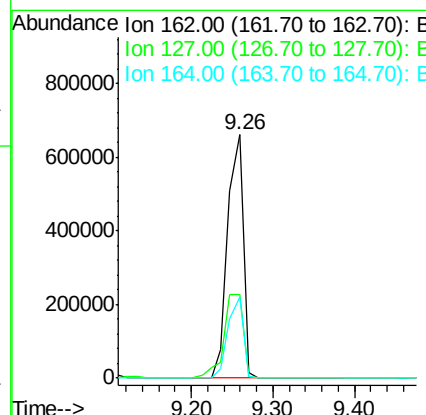
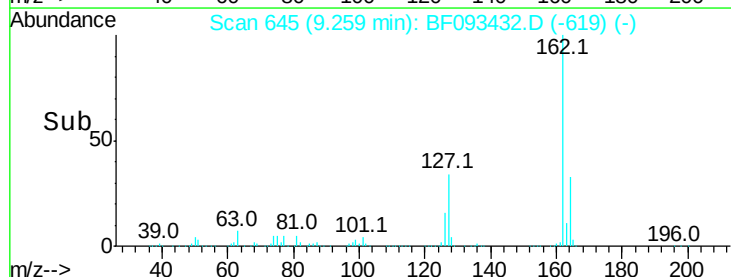
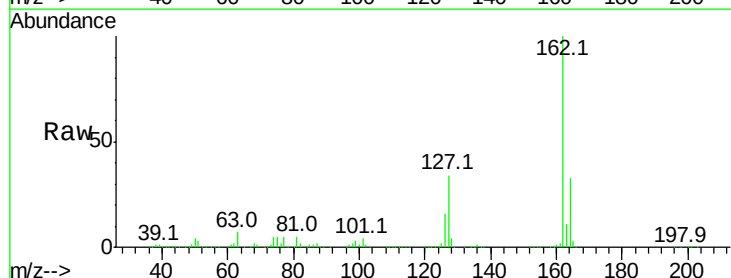
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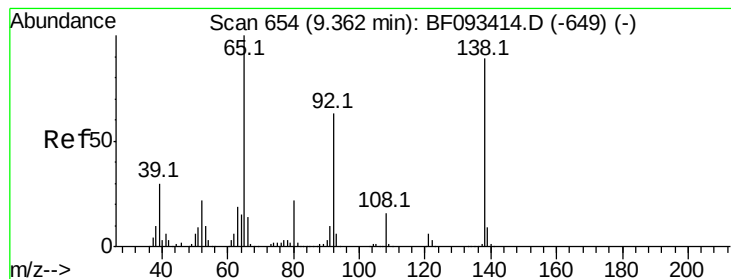
mohammad
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#46
2-Chloronaphthalene
Concen: 40.84 ng
RT: 9.26 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.1	30.7	46.1
164	33.2	27.6	41.4





#47

2-Nitroaniline

Concen: 41.04 ng

RT: 9.36 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97430BS

Tot Ion: 65 Resp: 309478

Ion Ratio Lower Upper

65 100

92 64.9 53.9 80.9

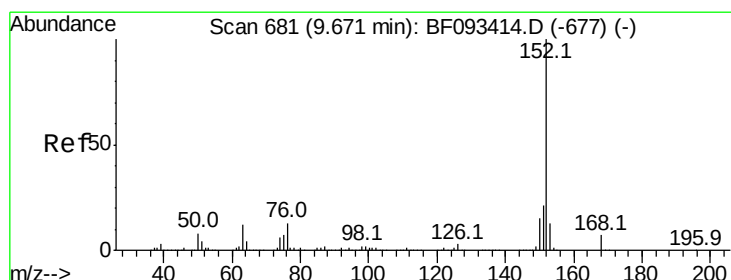
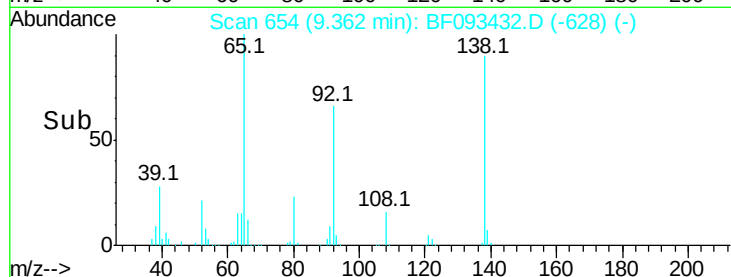
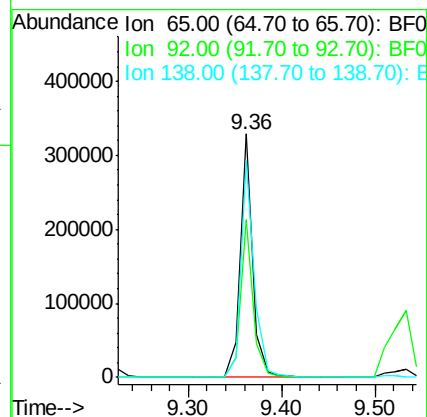
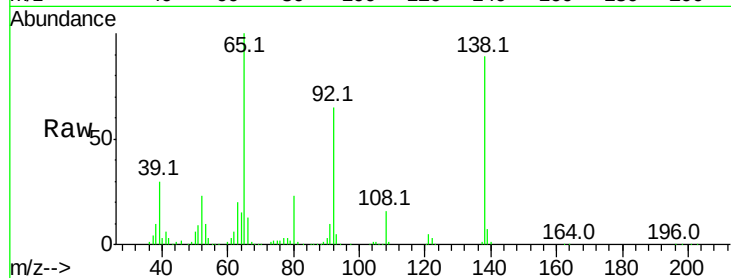
138 89.0 76.8 115.2

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#48

Acenaphthylene

Concen: 37.87 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

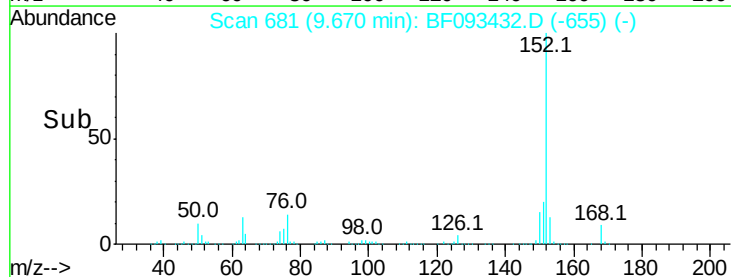
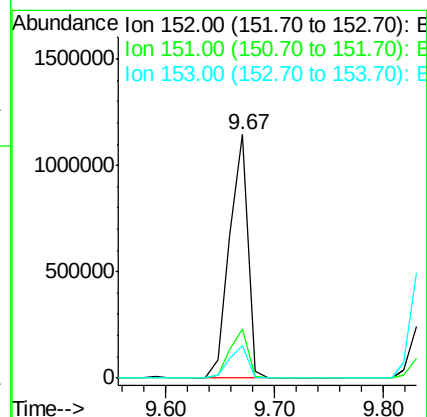
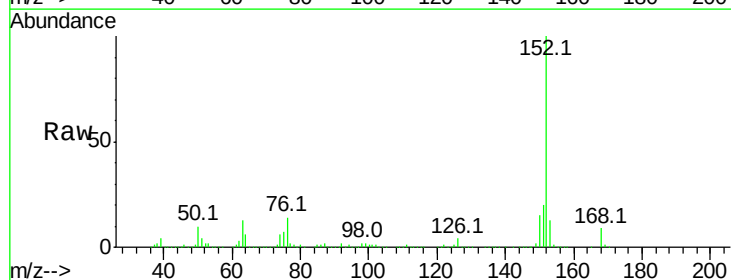
Tgt Ion: 152 Resp: 1332146

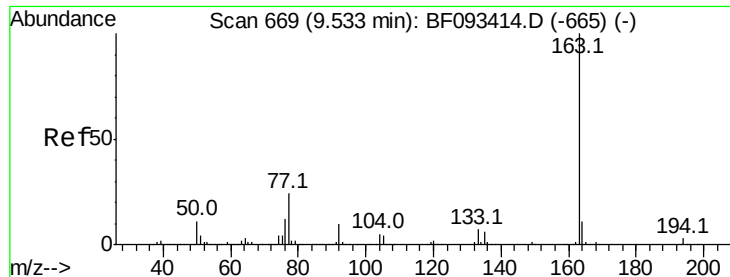
Ion Ratio Lower Upper

152 100

151 20.4 16.9 25.3

153 13.2 11.4 17.2





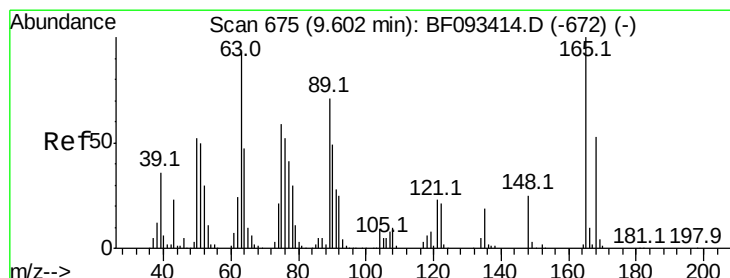
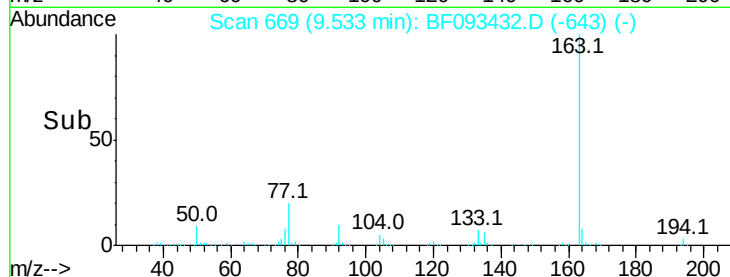
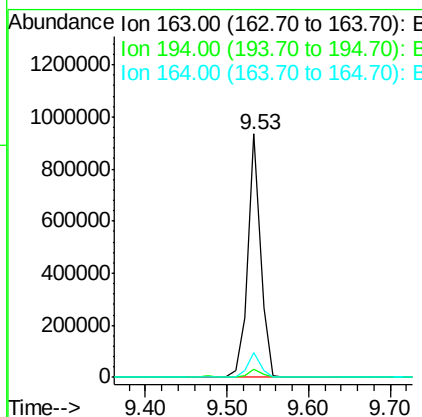
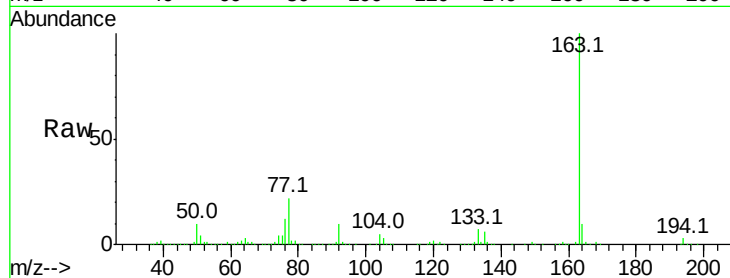
#49
Dimethylphthalate
Concen: 39.70 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97430BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.4	8.0	12.0

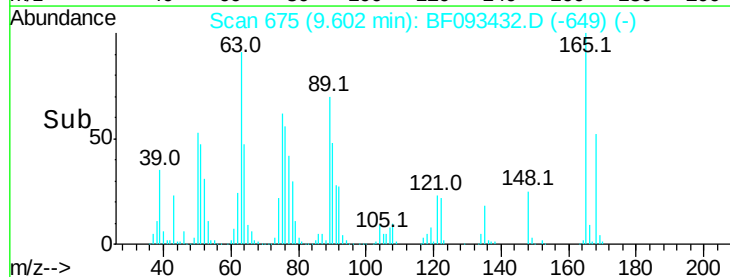
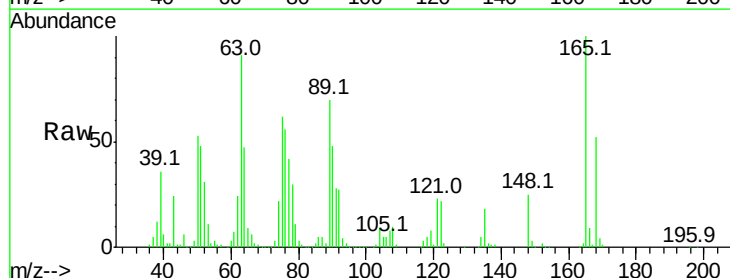
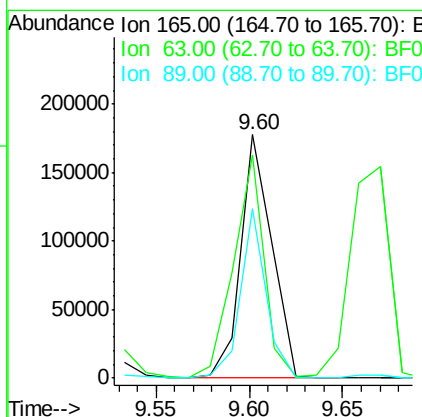
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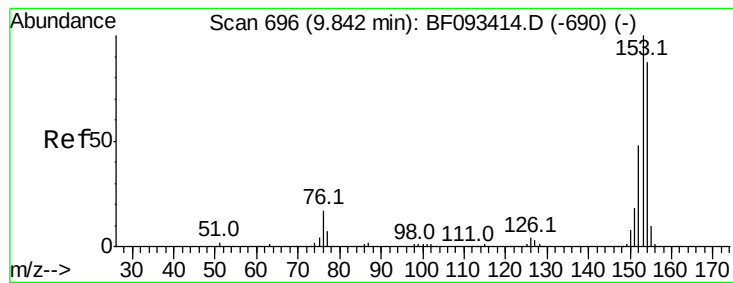
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#50
2,6-Dinitrotoluene
Concen: 36.93 ng
RT: 9.60 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	91.5	36.2	54.4#
89	69.6	40.2	60.4#





#51

Acenaphthene

Concen: 39.33 ng

RT: 9.84 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

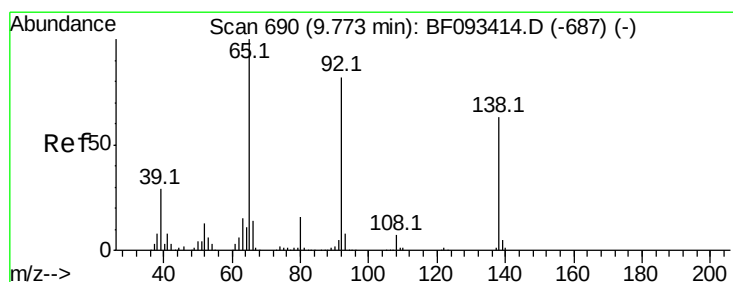
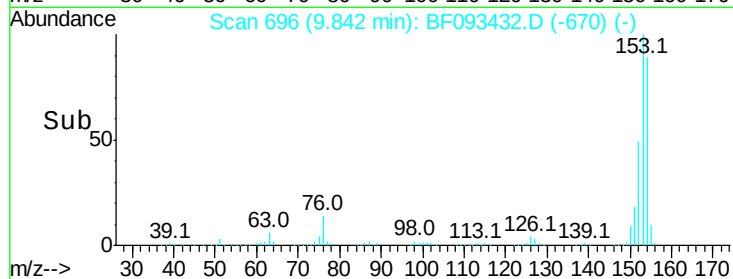
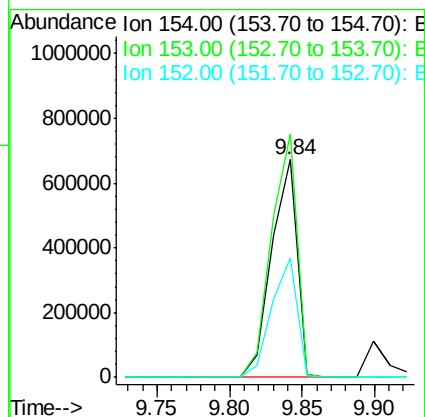
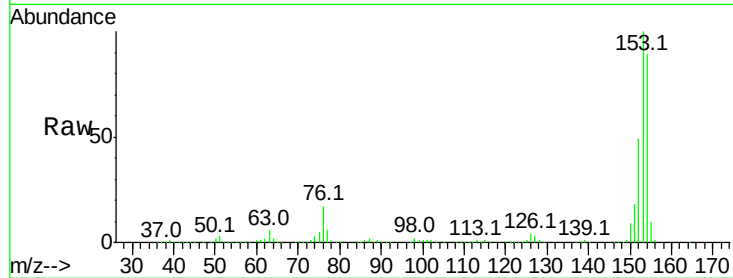
ClientSampleId :

PB97430BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.9	88.6	133.0
152	55.0	41.6	62.4

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#52

3-Nitroaniline

Concen: 14.74 ng

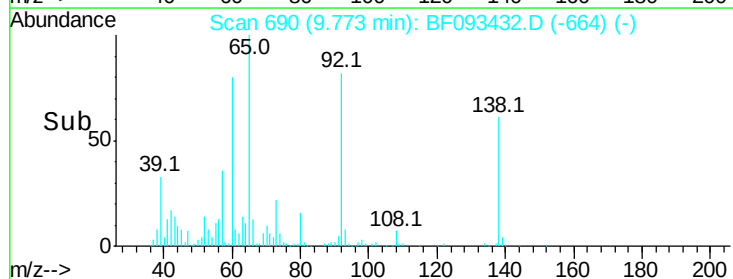
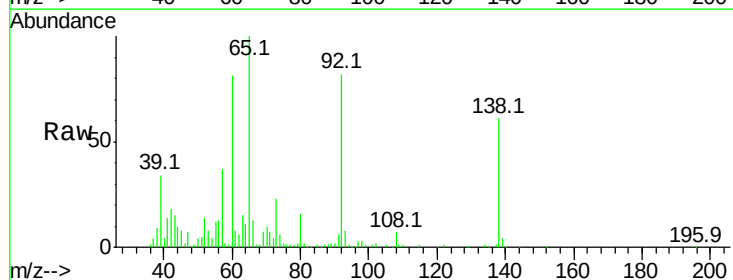
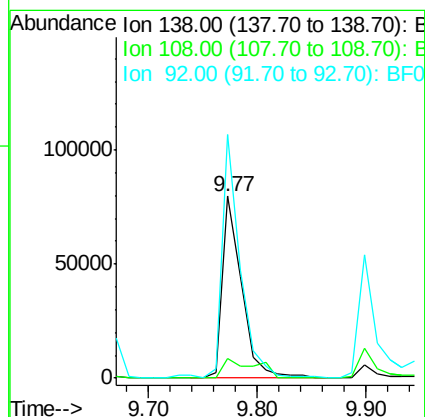
RT: 9.77 min Scan# 690

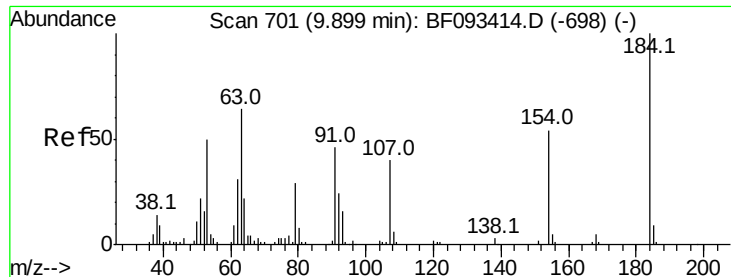
Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.5	12.7
92	133.8	97.8	146.8





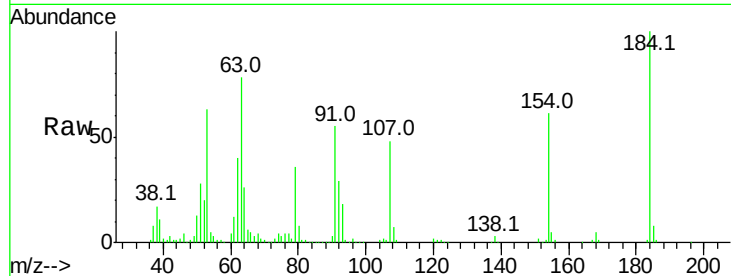
#53
2,4-Dinitrophenol
Concen: 85.79 ng
RT: 9.90 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97430BS

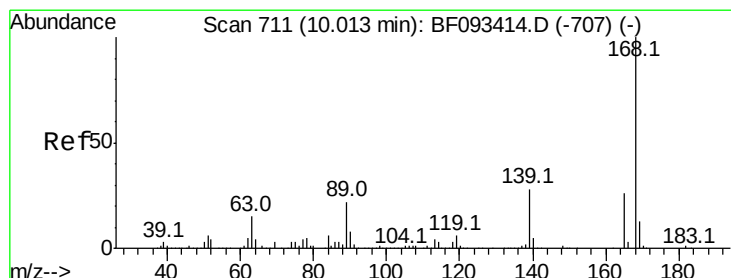
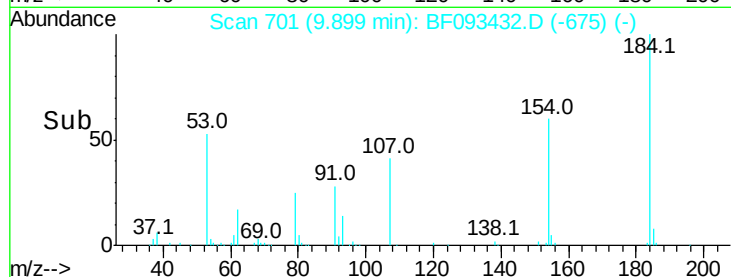
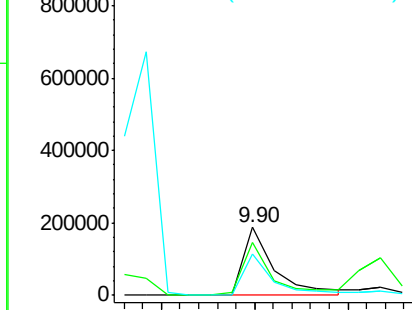
Tot Ion	Ratio	Lower	Upper
184	100		
63	78.2	28.4	42.6#
154	60.5	44.3	66.5

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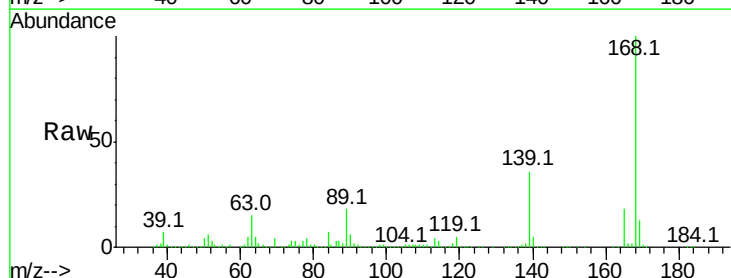


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

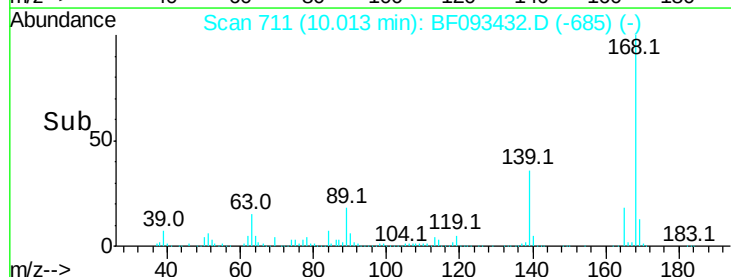
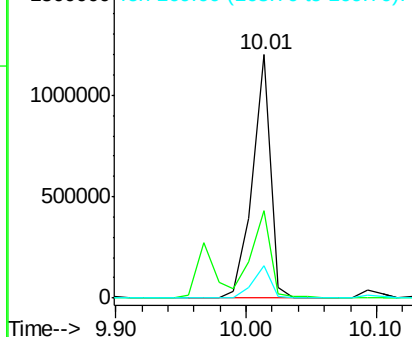


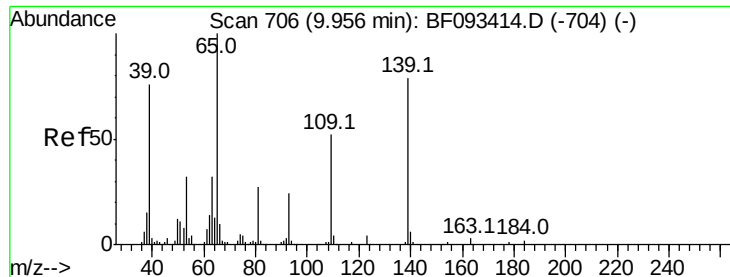
#54
Dibenzofuran
Concen: 44.23 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

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



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





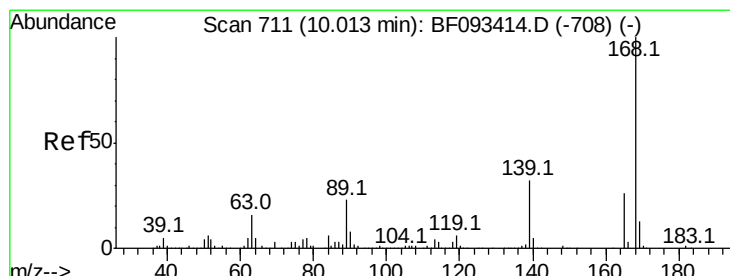
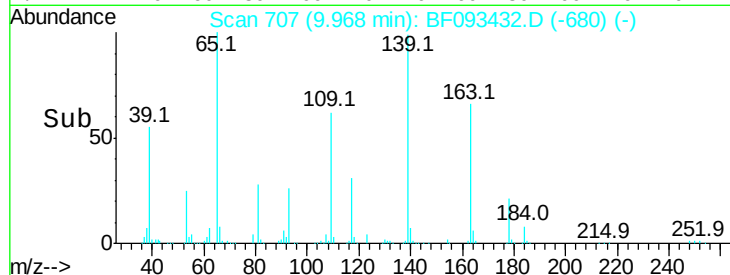
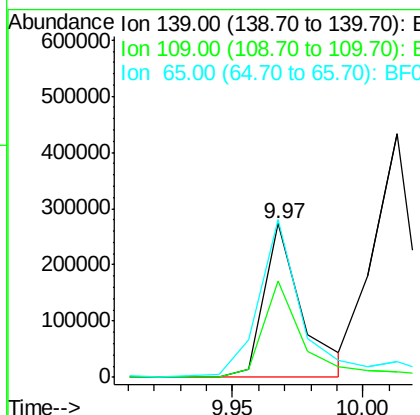
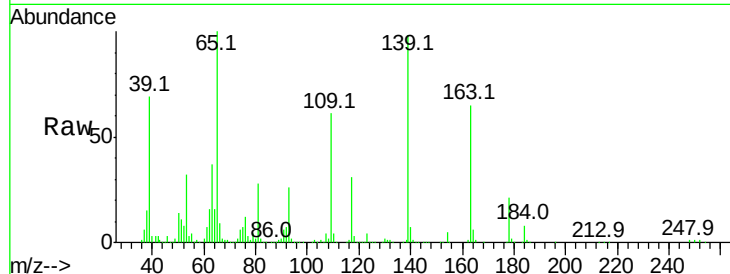
#55
4-Nitrophenol
Concen: 86.27 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97430BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	62.8	52.2	92.2	
65	102.6	85.8	125.8	

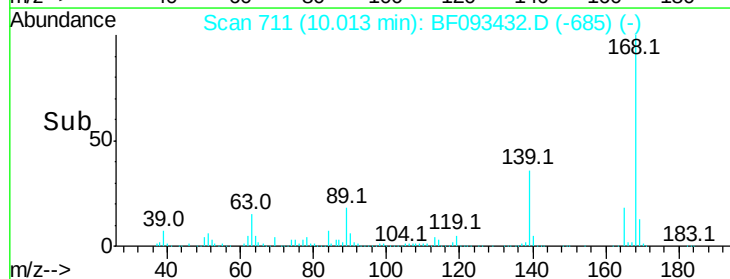
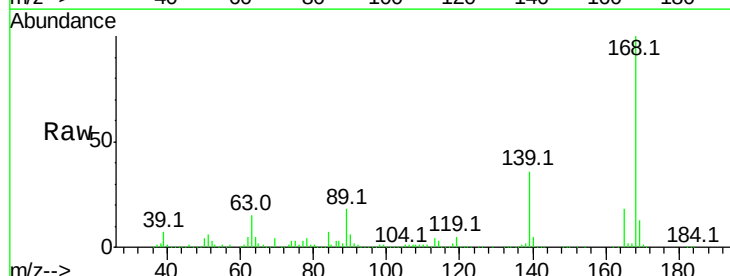
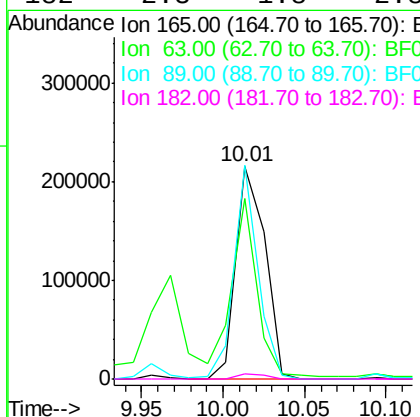
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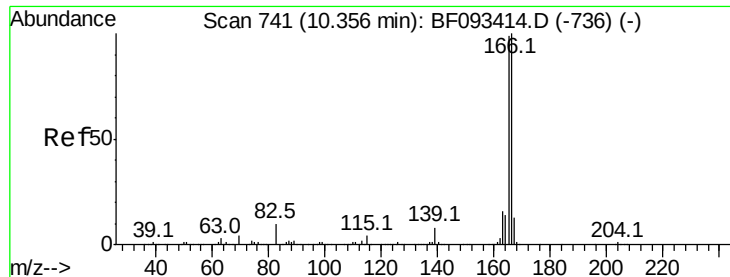
mohammad
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#56
2,4-Dinitrotoluene
Concen: 38.95 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	85.0	40.2	60.4#	
89	100.6	62.5	93.7#	
182	2.3	1.8	2.8	





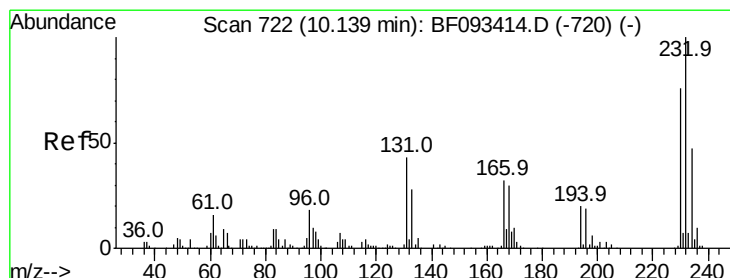
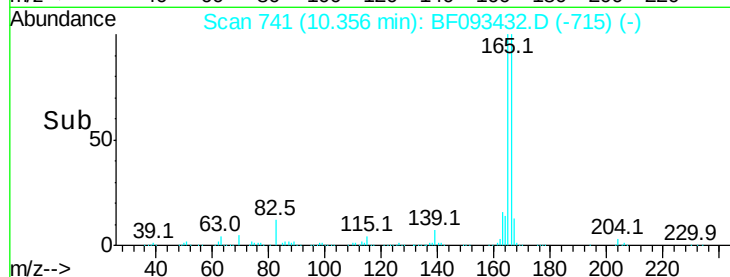
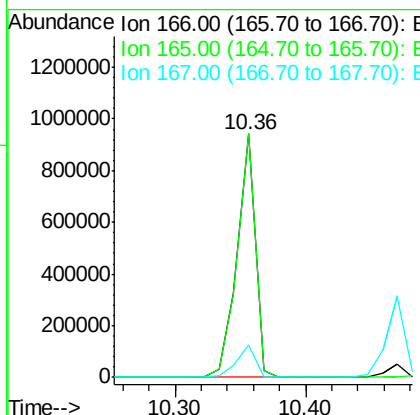
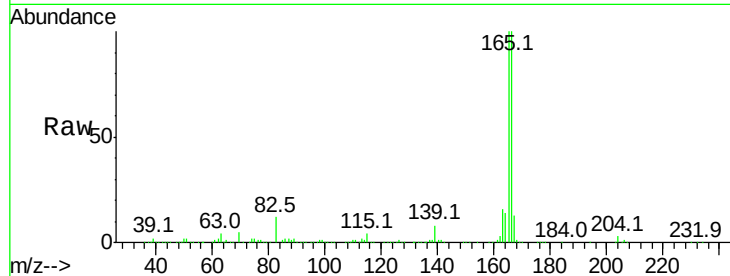
#57
 Fluorene
 Concen: 41.24 ng
 RT: 10.36 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97430BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.9	77.8	116.8	
167	13.2	10.8	16.2	

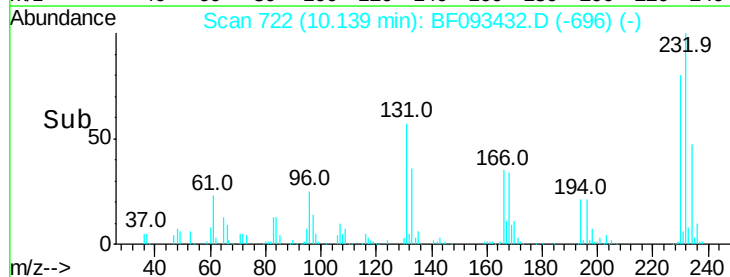
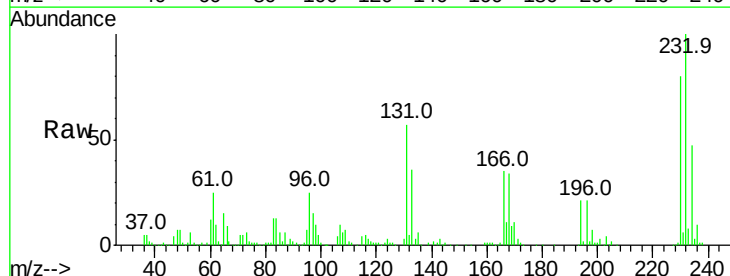
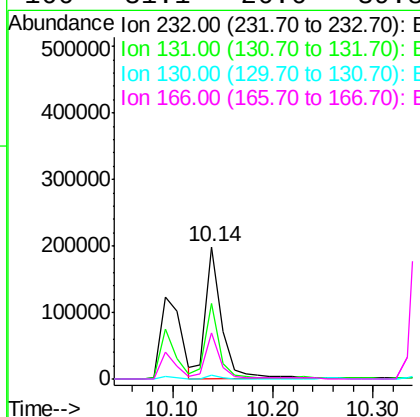
Manual Integrations
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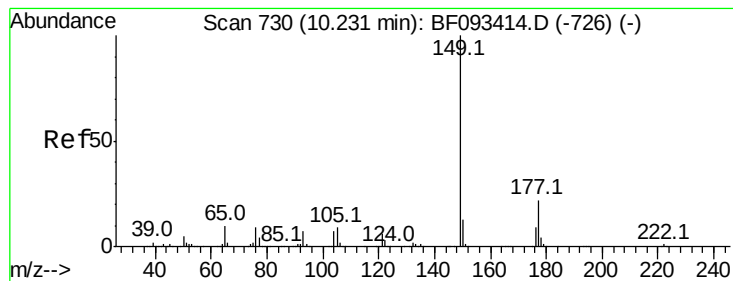
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.14 ng
 RT: 10.14 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	51.8	40.1	60.1	
130	2.7	1.8	2.8	
166	31.1	26.6	39.8	





#59

Diethylphthalate

Concen: 38.45 ng

RT: 10.23 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

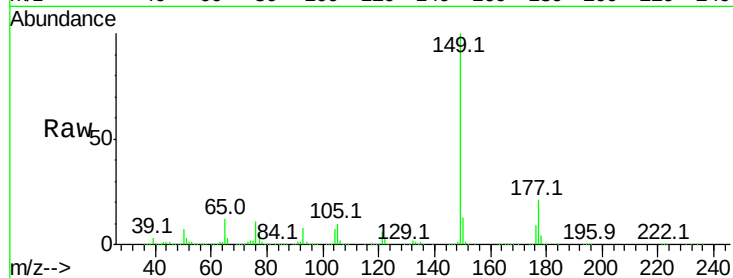
ClientSampled :

PB97430BS

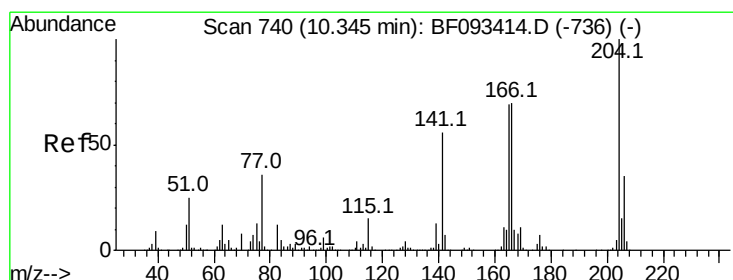
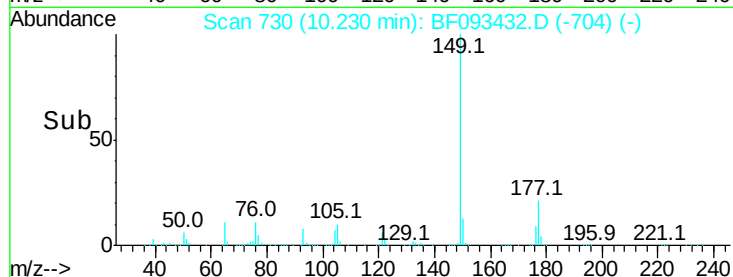
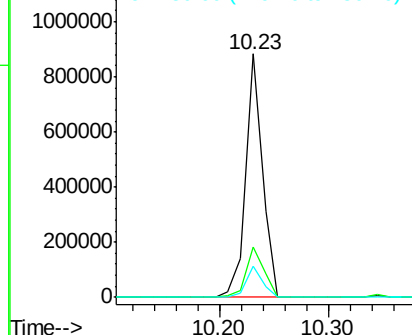
Tot Ion:	149	Resp:	931944
Ion Ratio	Lower	Upper	
149	100		
177	20.6	16.6	25.0
150	12.8	10.4	15.6

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



#60

4-Chlorophenyl-phenylether

Concen: 42.12 ng

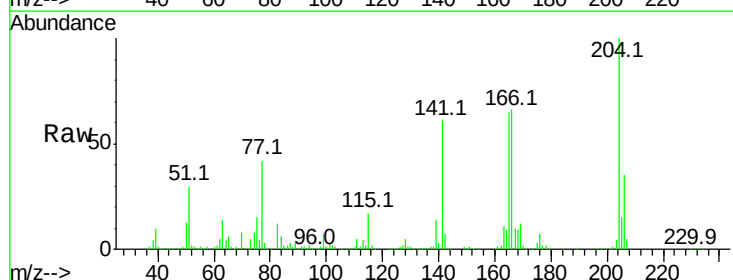
RT: 10.34 min Scan# 740

Delta R.T. -0.00 min

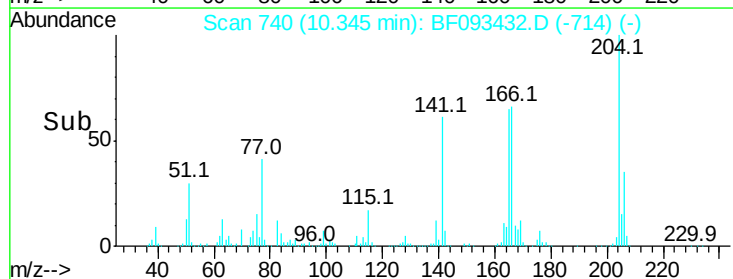
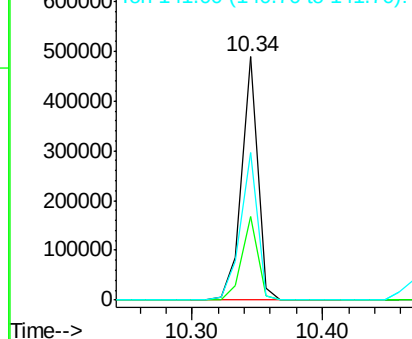
Lab File: BF093432.D

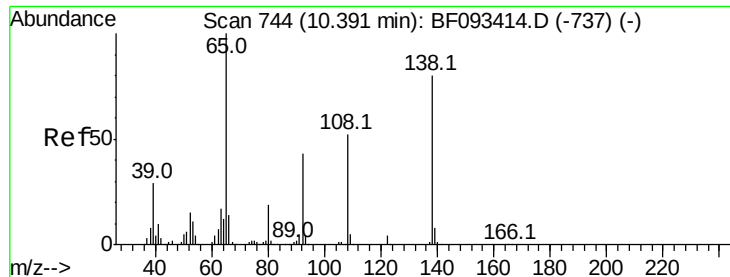
Acq: 8 Mar 2017 17:01

Tgt Ion:	204	Resp:	416540
Ion Ratio	Lower	Upper	
204	100		
206	34.6	25.8	38.6
141	60.8	59.4	89.0



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





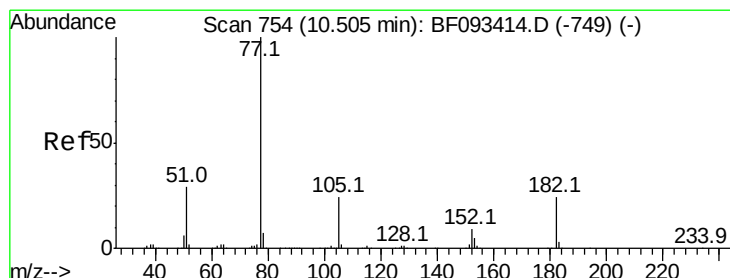
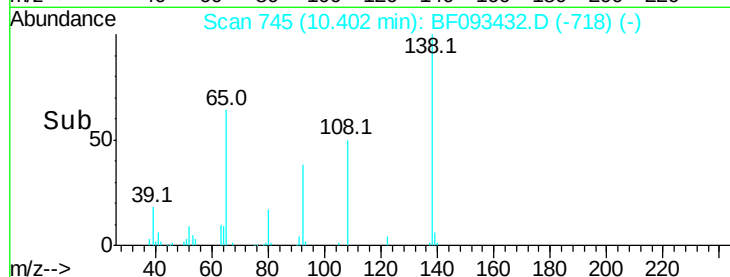
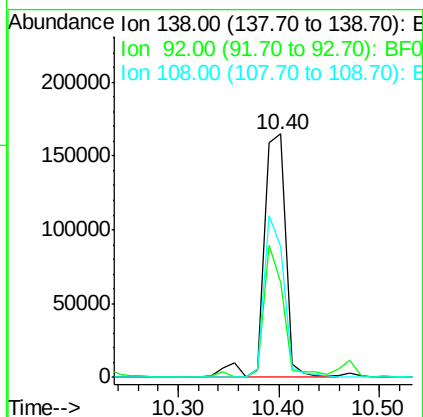
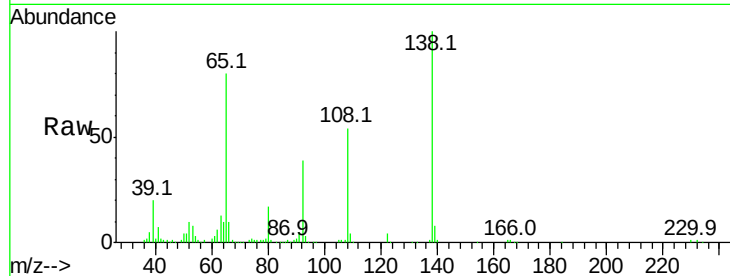
#61
4-Nitroaniline
Concen: 36.49 ng
RT: 10.40 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97430BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	39.0	31.7	71.7
108	54.0	52.6	92.6

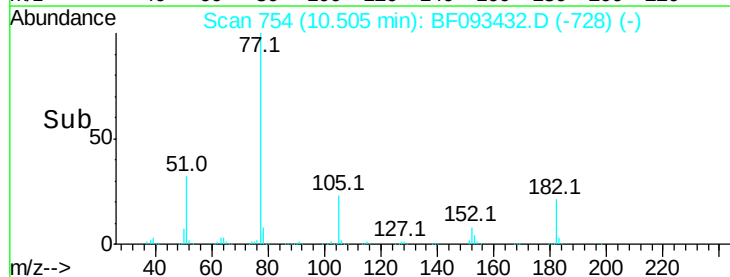
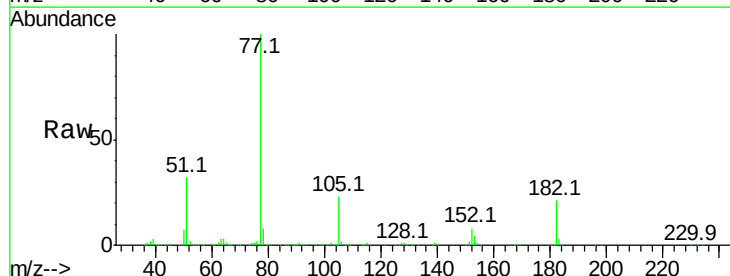
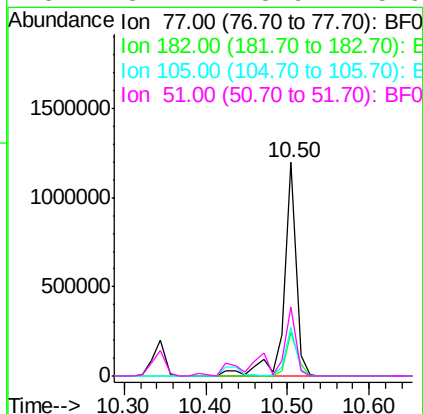
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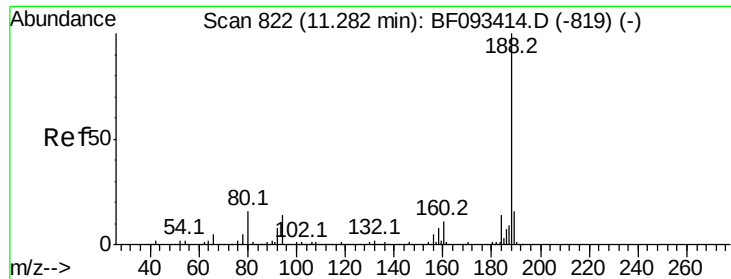
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#62
Azobenzene
Concen: 44.23 ng
RT: 10.50 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.6	0.0	39.3
105	22.9	2.3	42.3
51	32.2	8.9	48.9





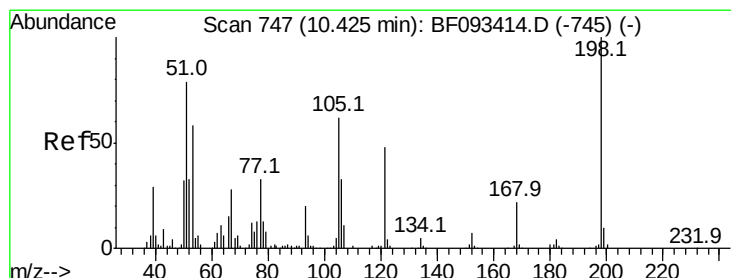
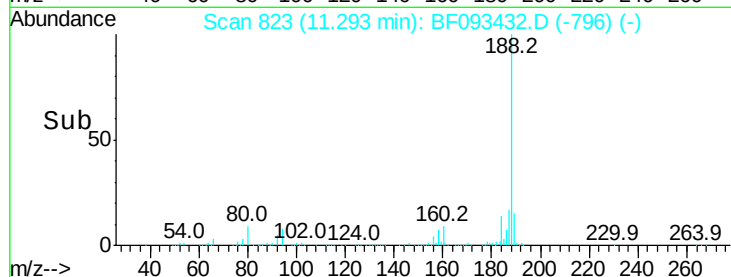
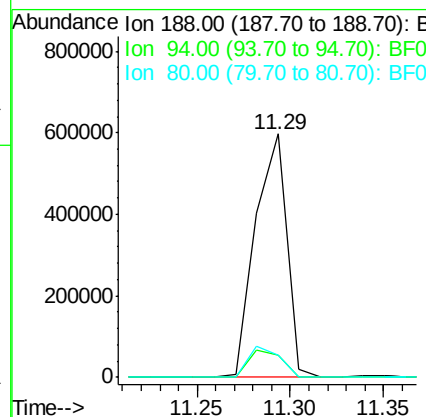
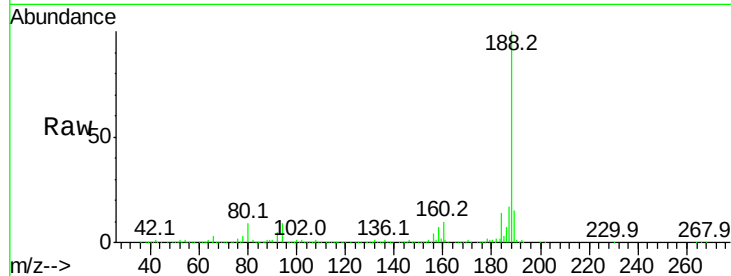
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97430BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.0	10.0	15.0#
80	9.2	11.2	16.8#

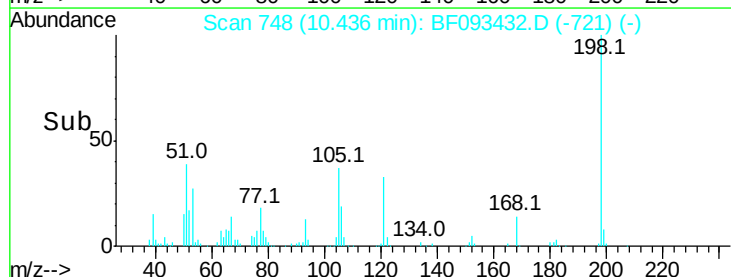
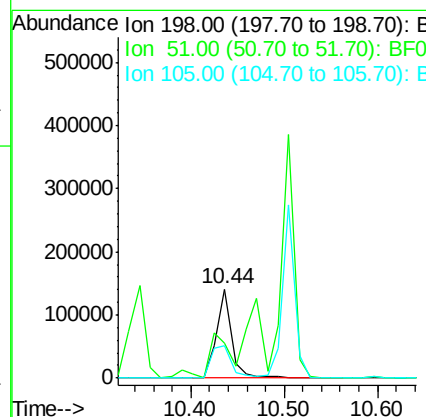
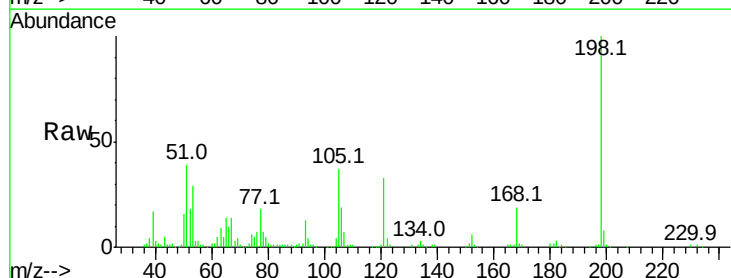
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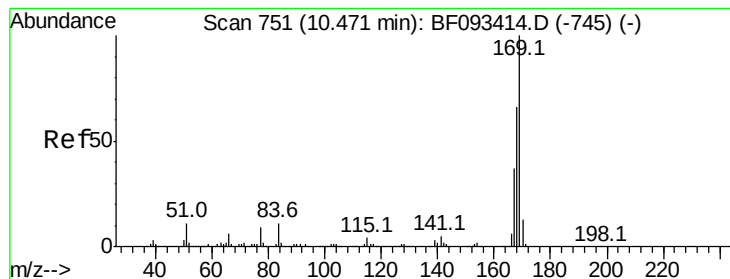
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#64
4,6-Dinitro-2-methylphenol
Concen: 35.46 ng
RT: 10.44 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	39.3	6.7	46.7
105	37.0	16.6	56.6





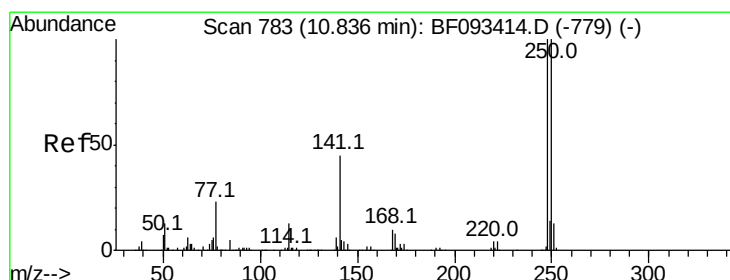
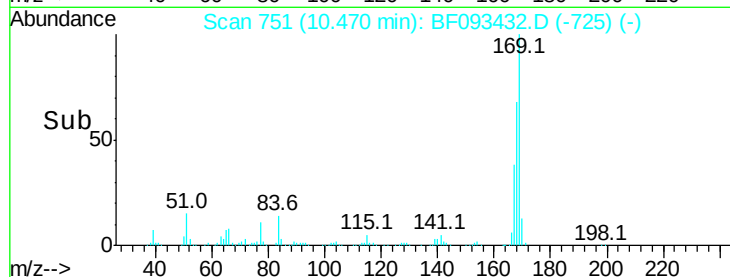
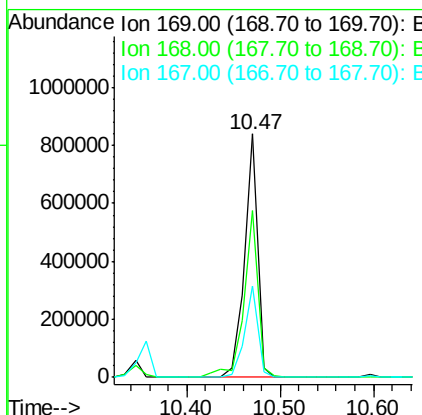
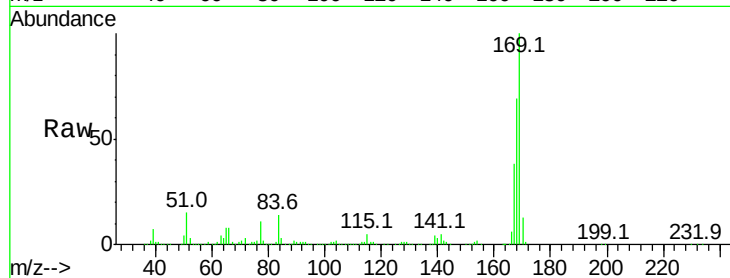
#65
n-Nitrosodiphenylamine
Concen: 34.78 ng
RT: 10.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97430BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	820854		
168	68.6		54.2	81.2
167	37.6		30.2	45.4

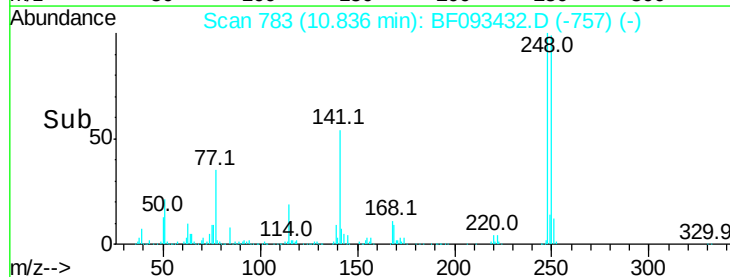
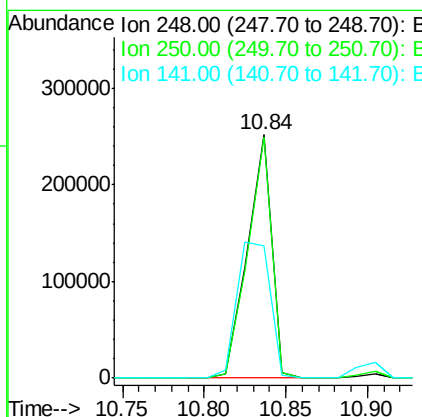
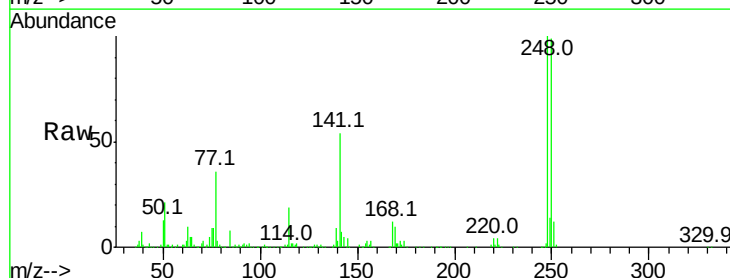
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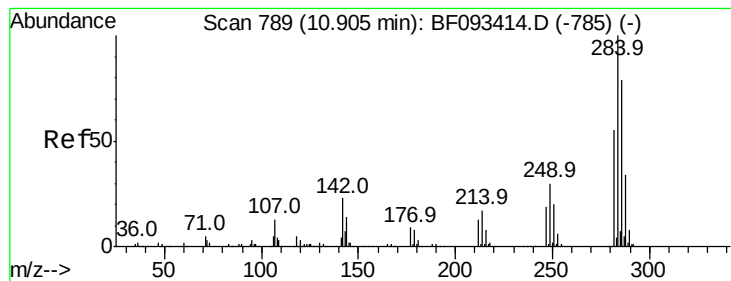
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#66
4-Bromophenyl-phenylether
Concen: 34.72 ng
RT: 10.84 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	259491		
250	98.9		76.9	115.3
141	54.3		68.2	102.4#





#67

Hexachlorobenzene

Concen: 35.12 ng

RT: 10.90 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

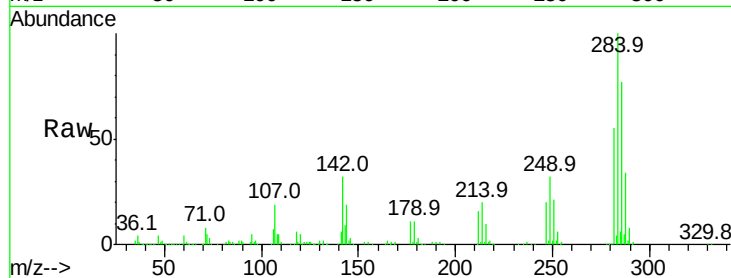
ClientSampleId :

PB97430BS

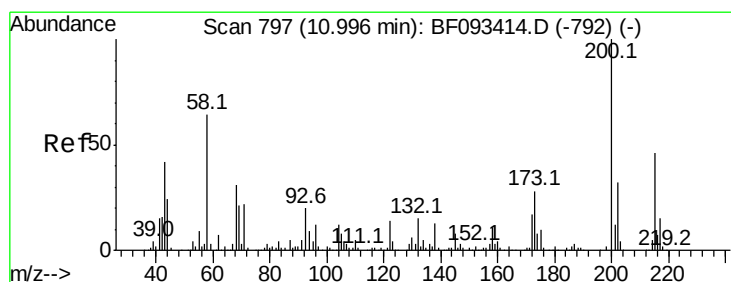
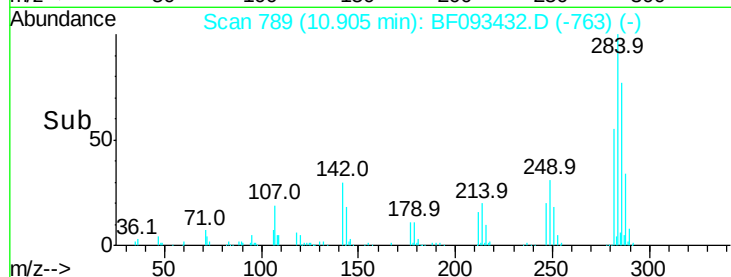
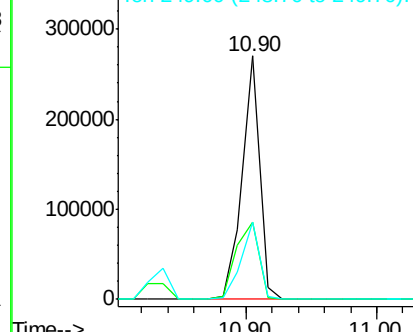
Tot Ion:	284	Resp:	250668
Ion Ratio	Lower	Upper	
284	100		
142	31.6	22.6	33.8
249	31.9	25.4	38.0

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



#68

Atrazine

Concen: 32.93 ng

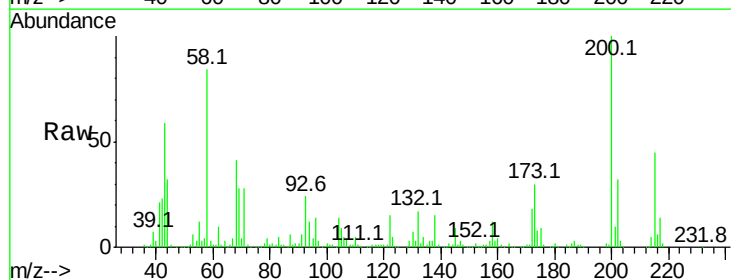
RT: 11.00 min Scan# 797

Delta R.T. -0.00 min

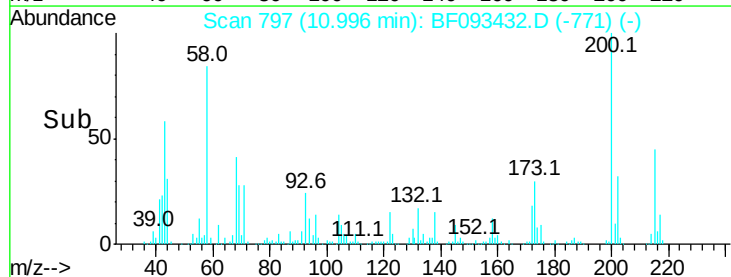
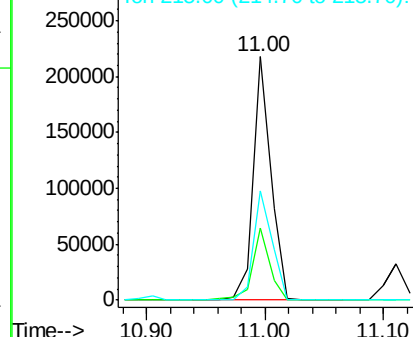
Lab File: BF093432.D

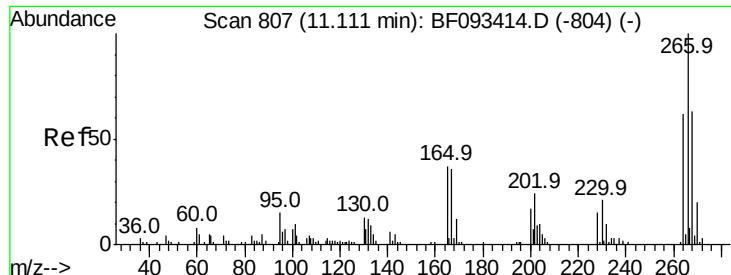
Acq: 8 Mar 2017 17:01

Tgt Ion:	200	Resp:	227503
Ion Ratio	Lower	Upper	
200	100		
173	29.9	9.6	49.6
215	45.0	25.7	65.7



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





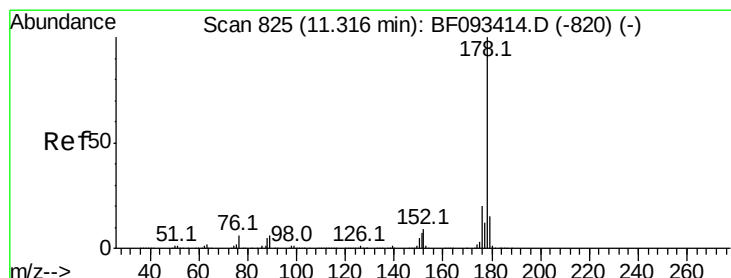
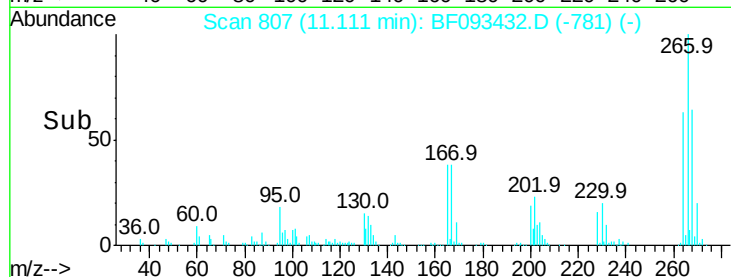
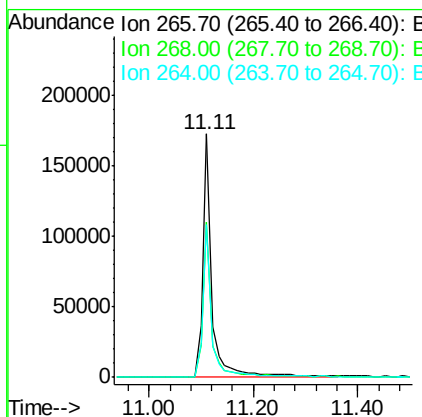
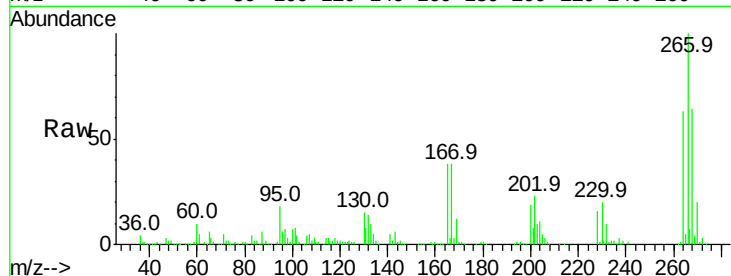
#69
 Pentachlorophenol
 Concen: 86.73 ng
 RT: 11.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97430BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	213708		
268	63.7		53.3	79.9
264	62.7		50.3	75.5

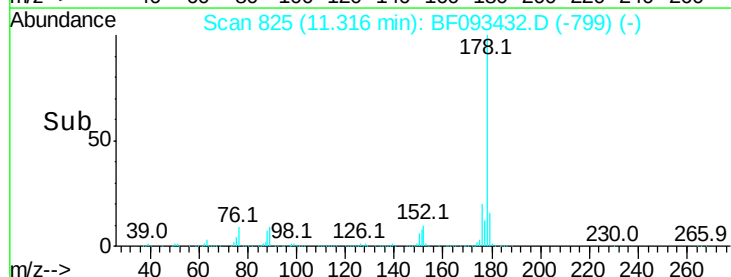
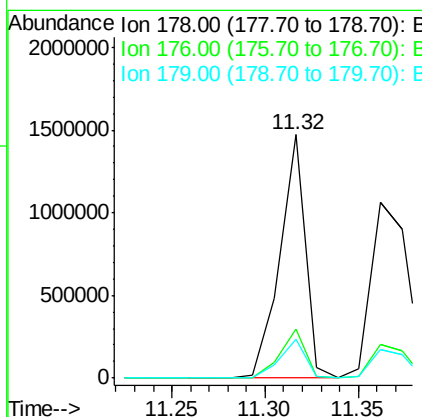
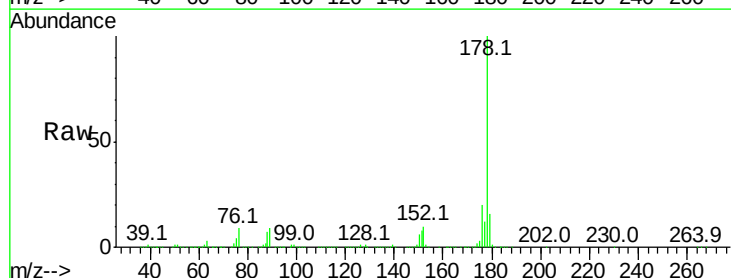
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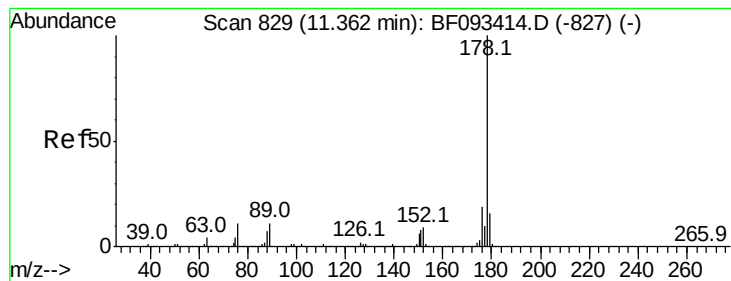
mohammad
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#70
 Phenanthrene
 Concen: 34.56 ng
 RT: 11.32 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1394393		
176	20.0		16.6	25.0
179	15.7		12.8	19.2





#71

Anthracene

Concen: 34.65 ng

RT: 11.36 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97430BS

Tot Ion:178 Resp: 1414175

Ion Ratio Lower Upper

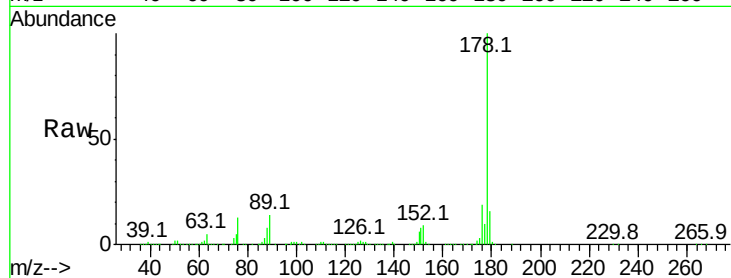
178 100

176 19.5 15.9 23.9

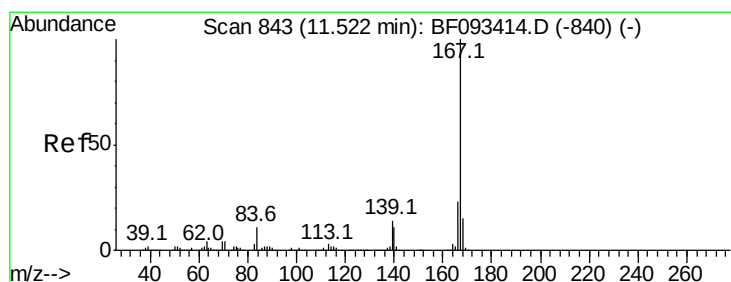
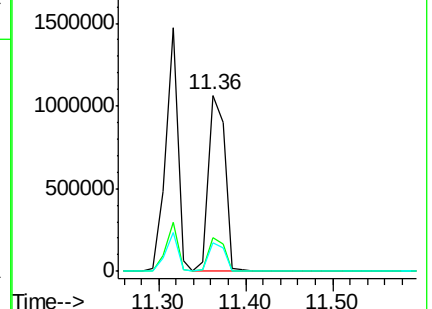
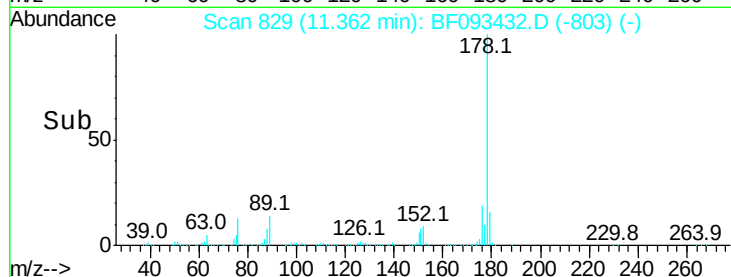
179 16.0 13.2 19.8

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



#72

Carbazole

Concen: 34.18 ng

RT: 11.53 min Scan# 844

Delta R.T. 0.01 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

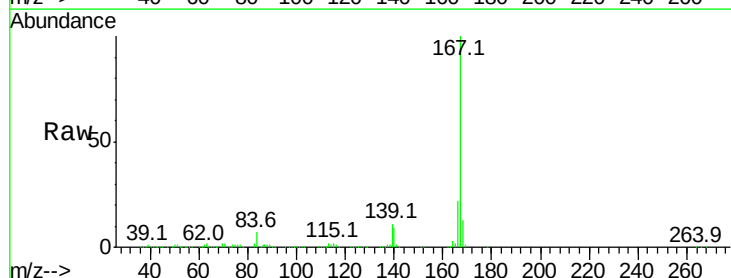
Tgt Ion:167 Resp: 1310558

Ion Ratio Lower Upper

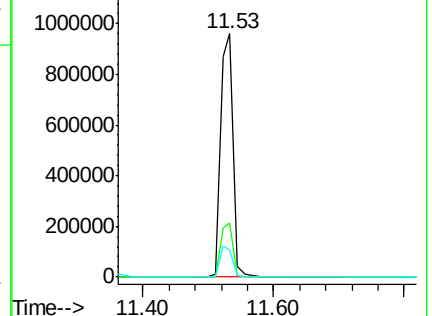
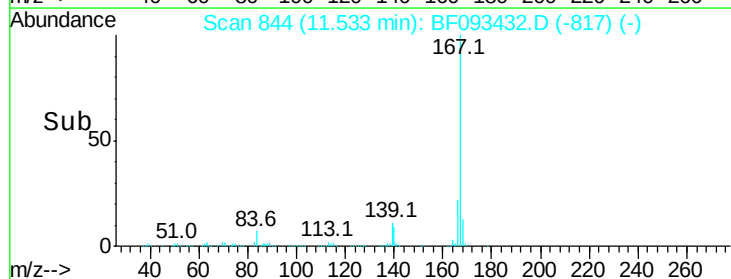
167 100

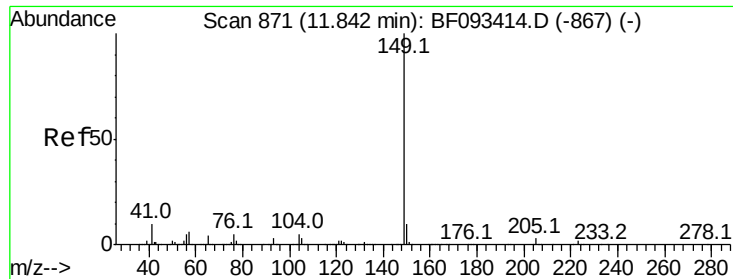
166 22.1 18.2 27.2

139 11.3 11.4 17.2#



Abundance Ion 167.00 (166.70 to 167.70): E
1200000
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.04 ng

RT: 11.85 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97430BS

Tot Ion:149 Resp: 1731428

Ion Ratio Lower Upper

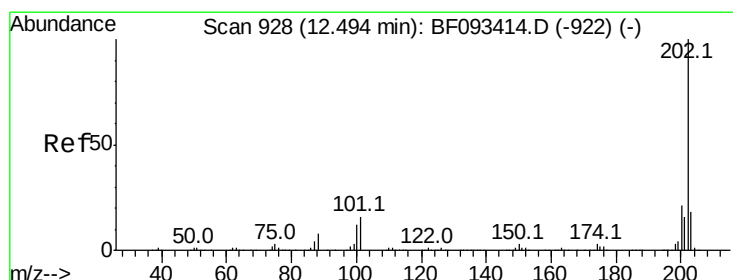
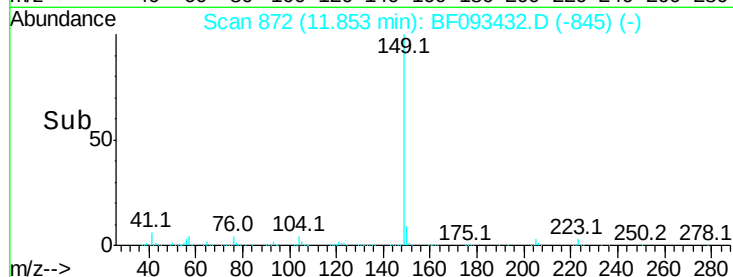
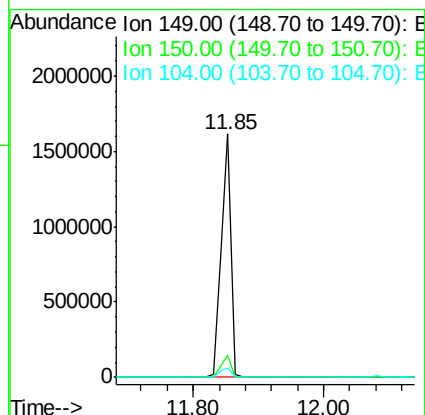
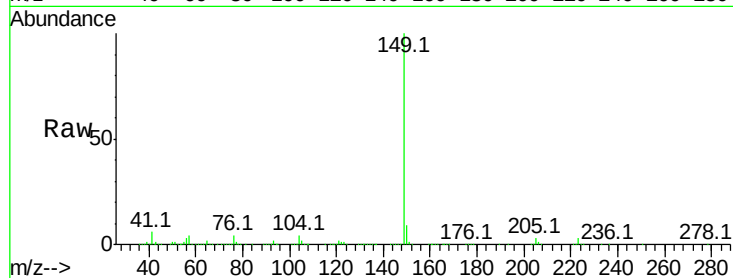
149 100

150 9.0 8.1 12.1

104 4.0 4.6 7.0#

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#74

Fluoranthene

Concen: 37.23 ng

RT: 12.50 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

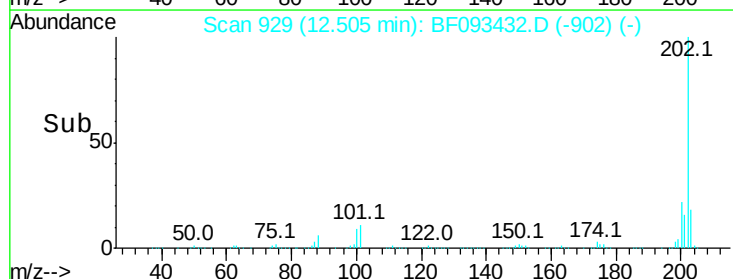
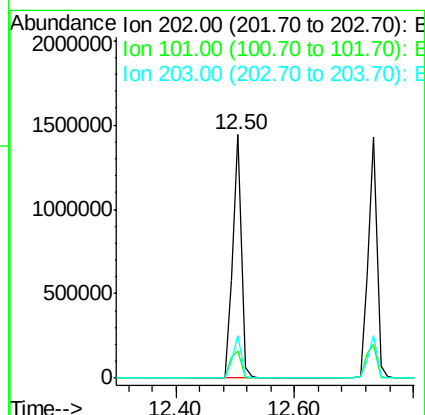
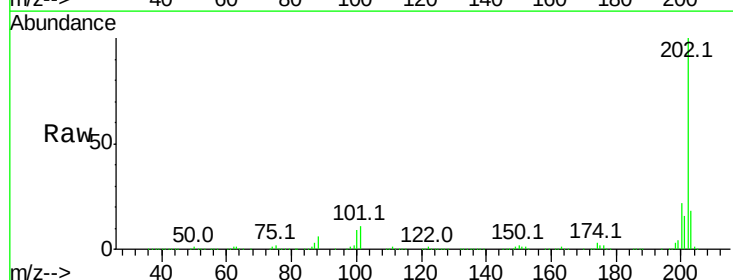
Tgt Ion:202 Resp: 1450823

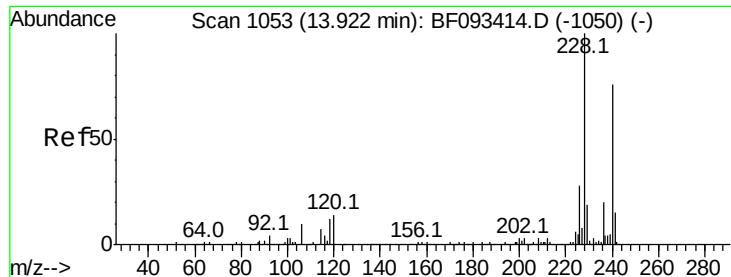
Ion Ratio Lower Upper

202 100

101 11.3 0.0 34.6

203 17.5 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

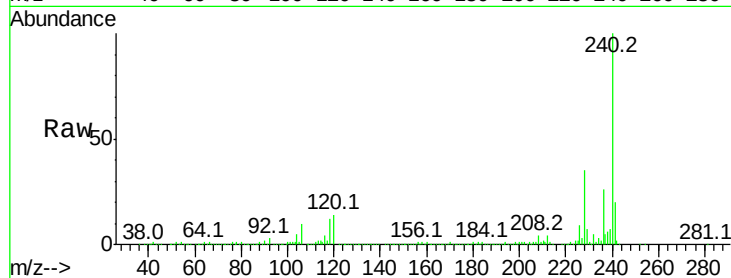
ClientSampleId :

PB97430BS

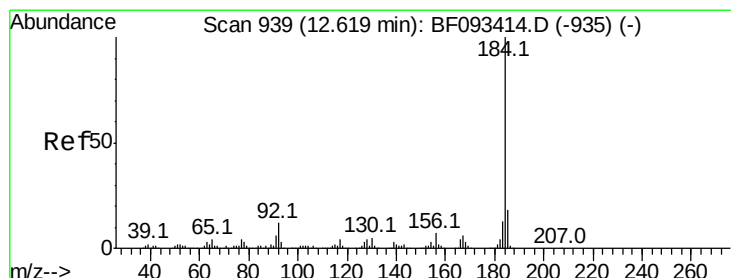
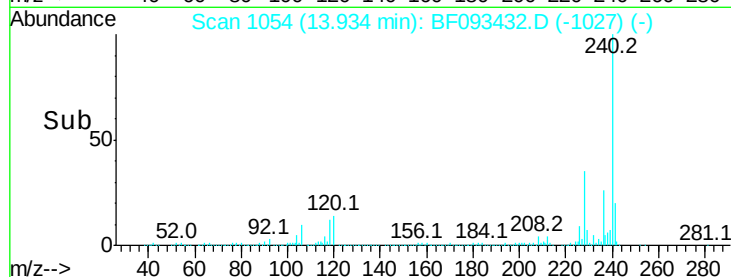
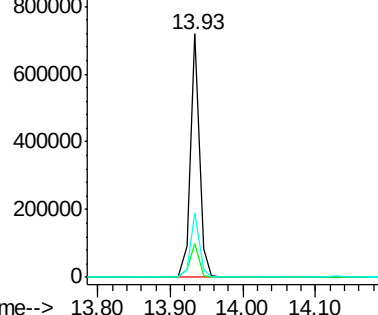
Tot Ion:	240	Resp:	622673
Ion Ratio	Lower	Upper	
240	100		
120	13.8	12.9	19.3
236	26.4	20.9	31.3

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



#76

Benzidine

Concen: 14.90 ng

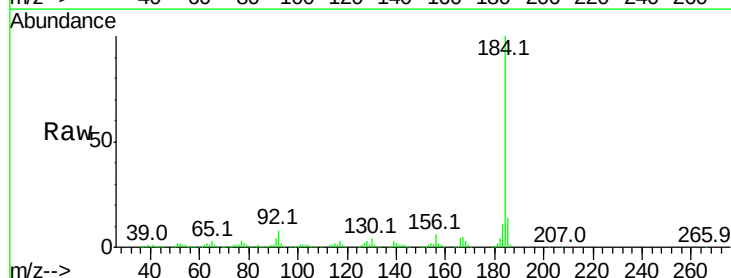
RT: 12.63 min Scan# 940

Delta R.T. 0.01 min

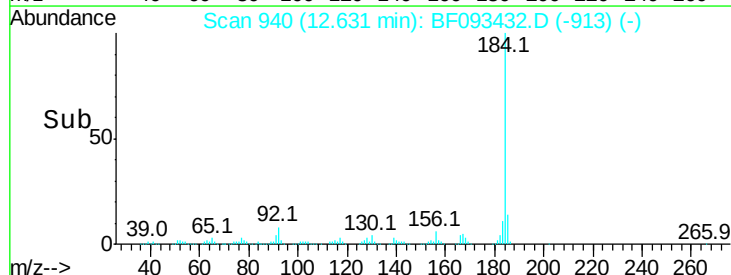
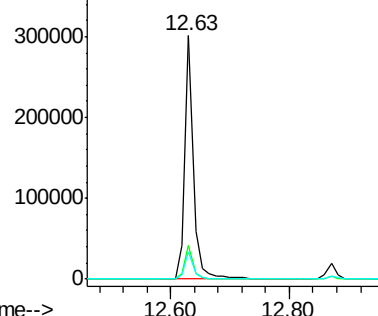
Lab File: BF093432.D

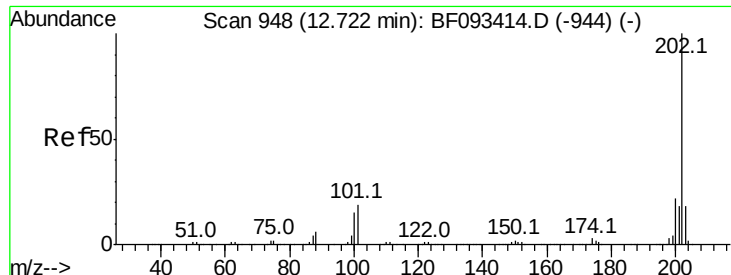
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Tgt Ion:	184	Resp:	305193
Ion Ratio	Lower	Upper	
184	100		
185	14.0	13.4	20.0
183	11.2	9.2	13.8



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





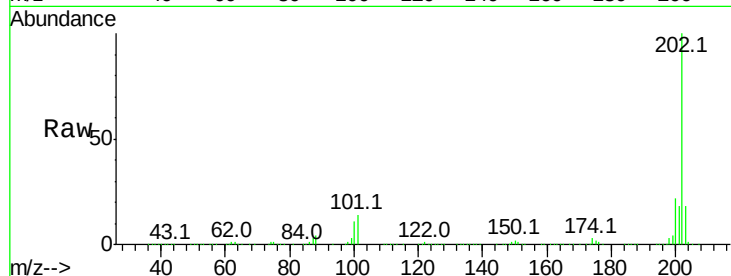
#77
Pvrene
Concen: 32.28 ng
RT: 12.73 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97430BS

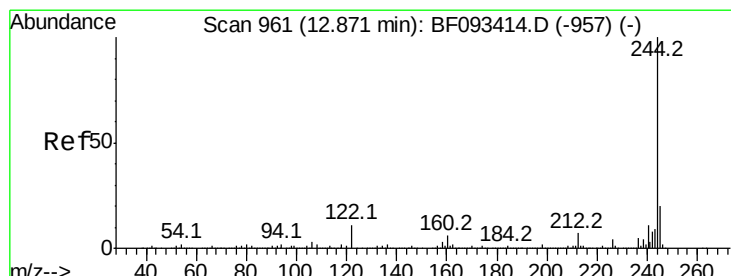
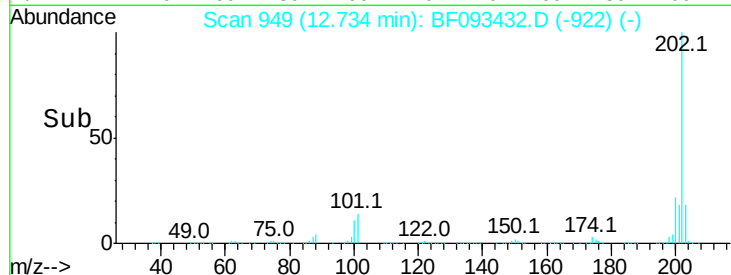
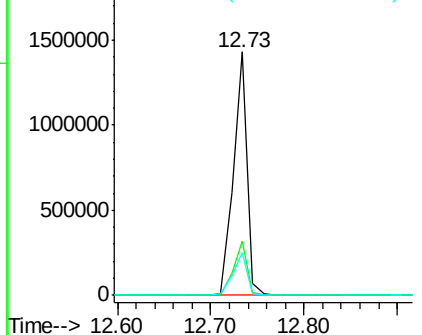
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	17.6	14.7	22.1

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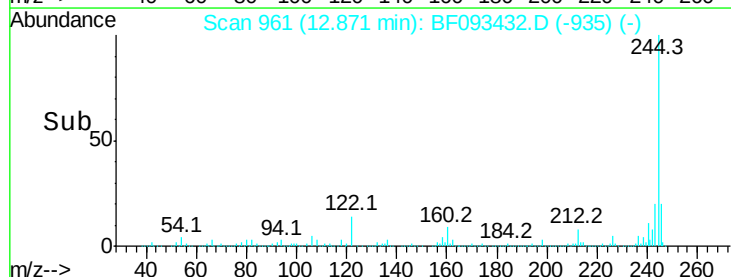
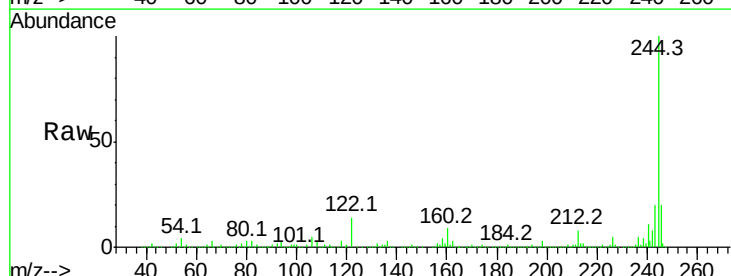
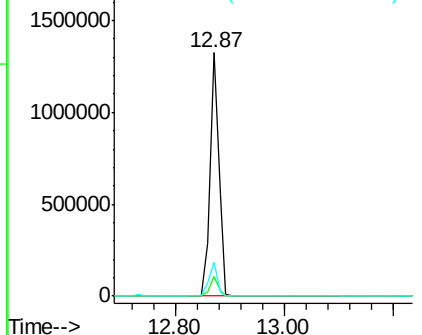
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

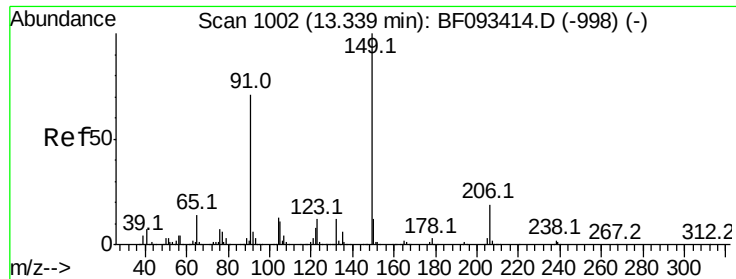


#78
Terphenyl-d14
Concen: 62.72 ng
RT: 12.87 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	13.7	11.4	17.2

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





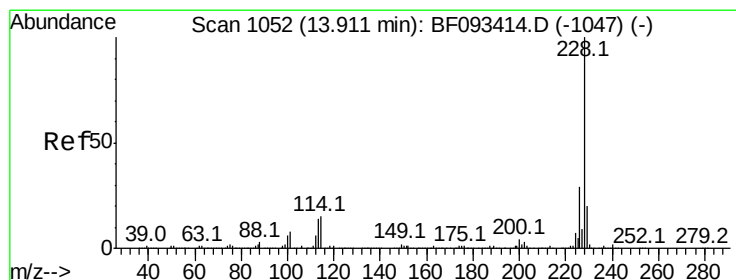
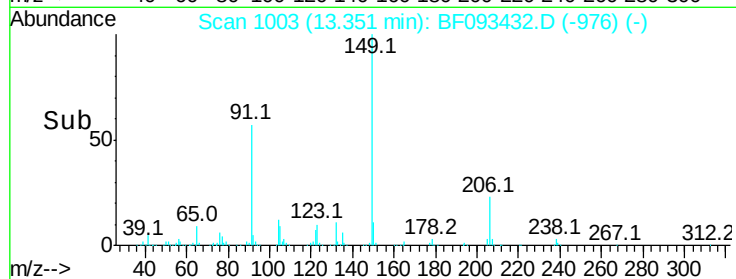
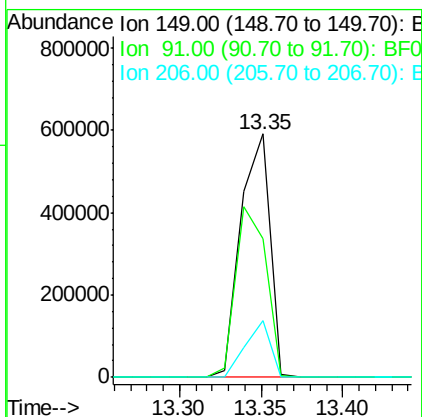
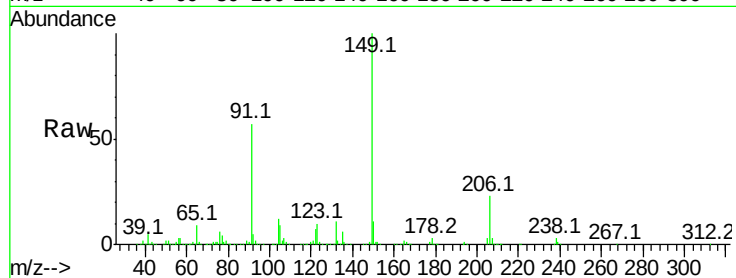
#79
Butylbenzylphthalate
Concen: 38.45 ng
RT: 13.35 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97430BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	56.9	63.9	95.9#
206	23.4	14.6	21.8#

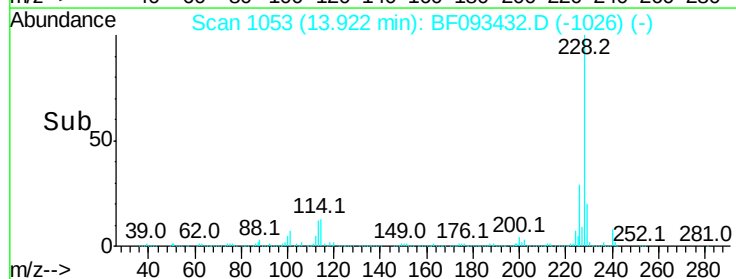
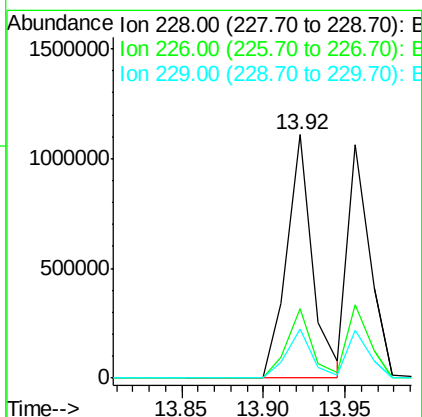
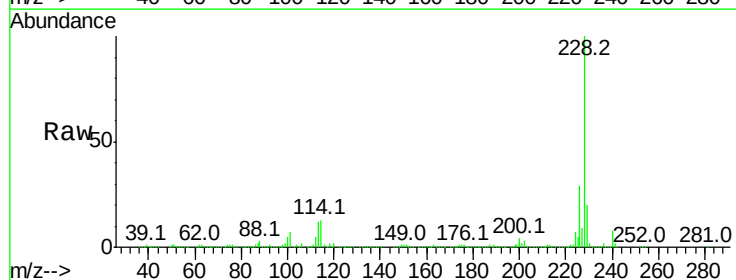
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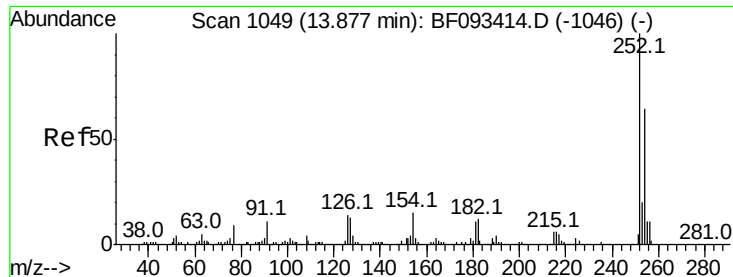
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#80
Benzo(a)anthracene
Concen: 33.28 ng
RT: 13.92 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

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





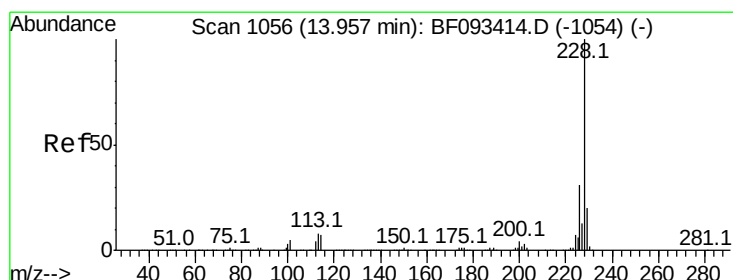
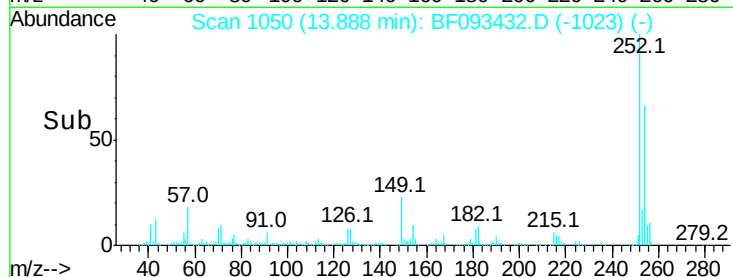
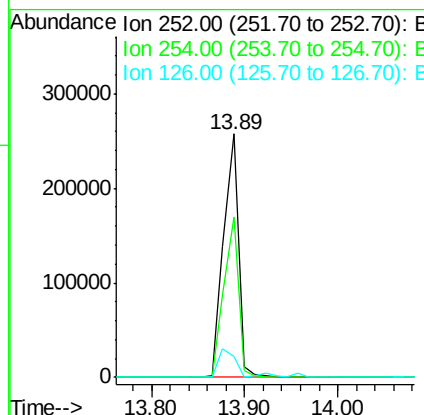
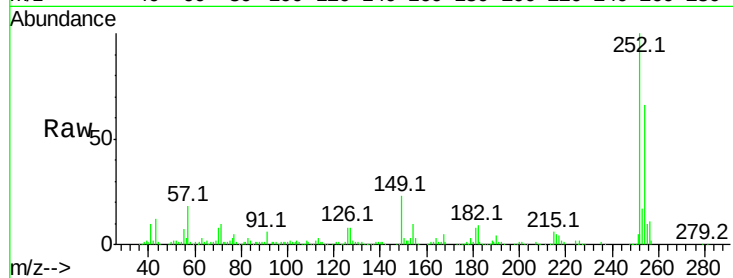
#81
 3,3'-Dichlorobenzidine
 Concen: 22.18 ng
 RT: 13.89 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97430BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.7	52.3	78.5
126	8.4	13.6	20.4

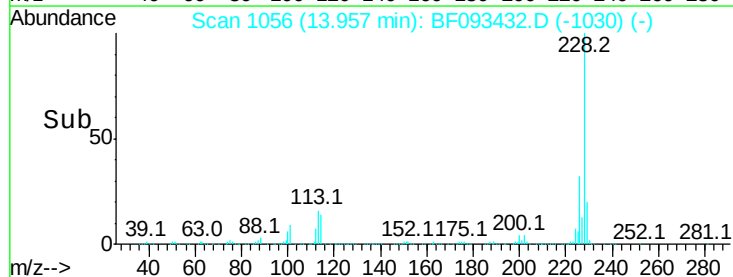
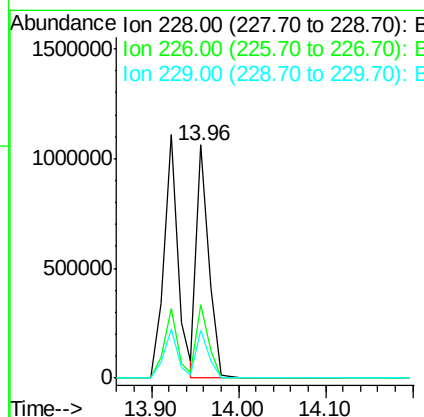
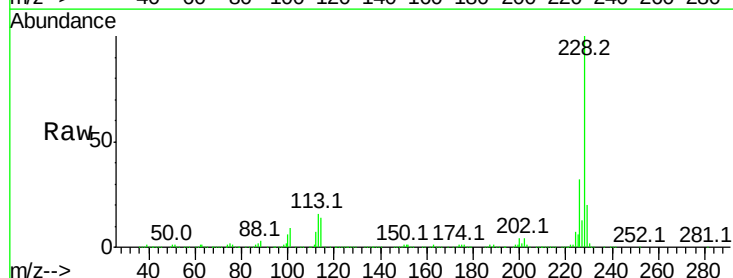
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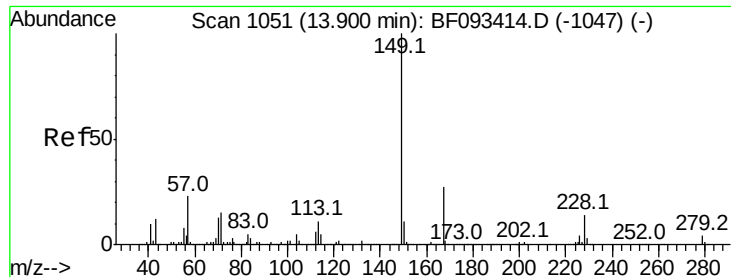
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#82
 Chrysene
 Concen: 30.33 ng
 RT: 13.96 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.7	25.4	38.0
229	20.3	16.2	24.2





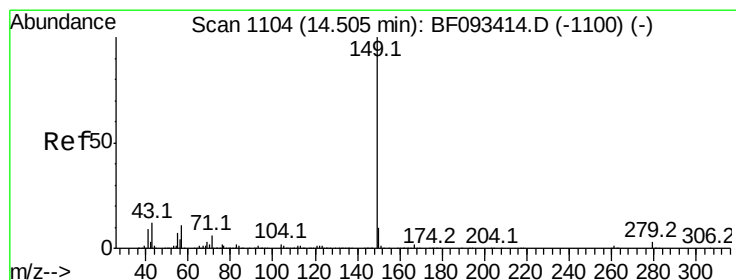
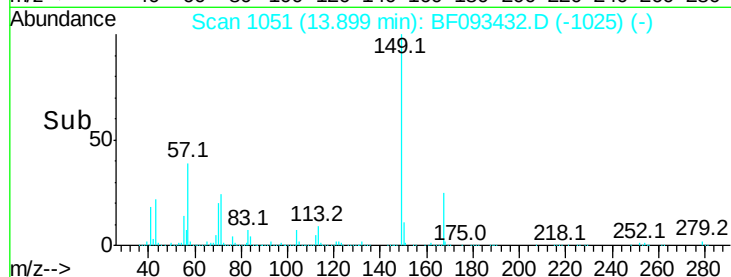
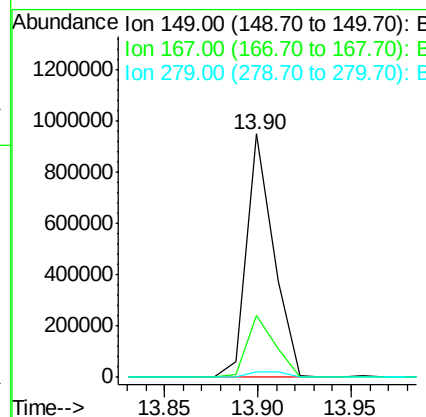
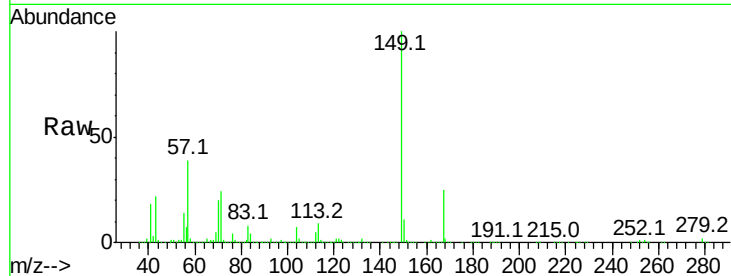
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.02 ng
 RT: 13.90 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97430BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.5	20.2	30.4
279	2.2	1.8	2.8

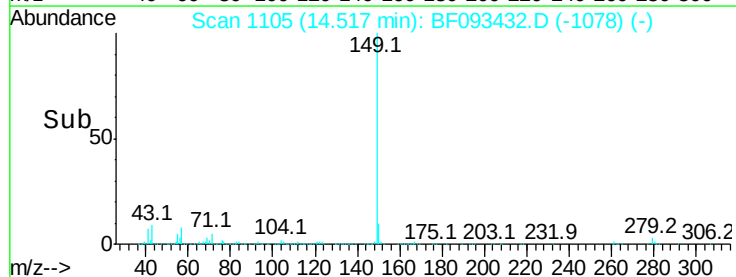
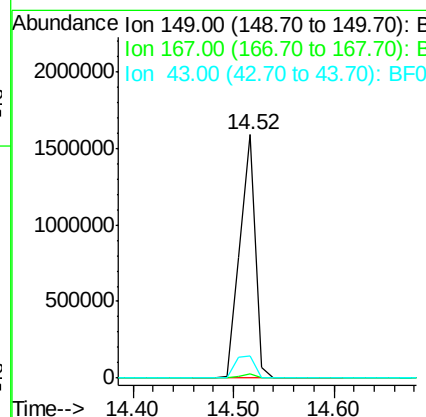
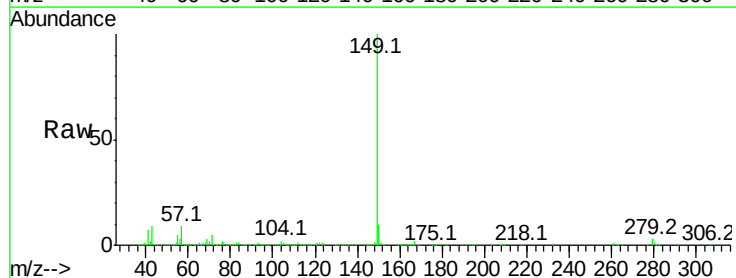
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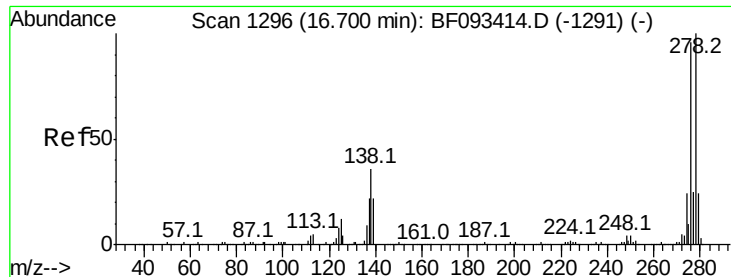
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#84
 Di-n-octyl phthalate
 Concen: 38.22 ng
 RT: 14.52 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

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





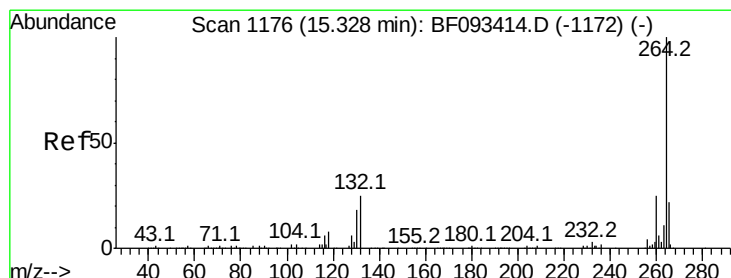
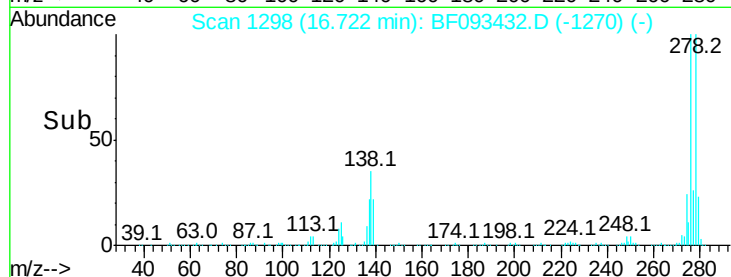
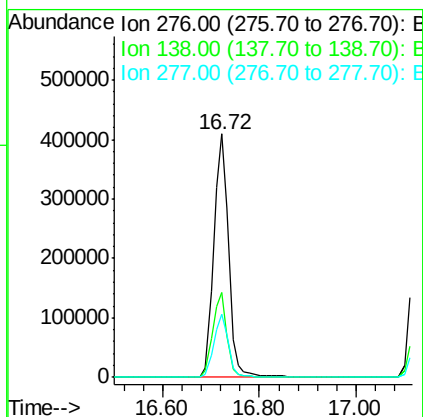
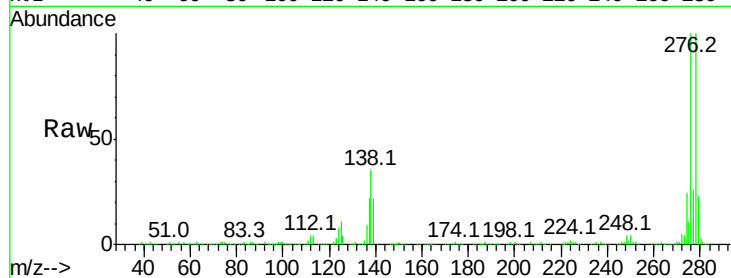
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.39 ng
 RT: 16.72 min Scan# 1298
 Delta R.T. 0.02 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Instrument :
 BNA_F
 ClientSampled :
 PB97430BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.9	21.8	32.6#
277	25.4	20.2	30.4

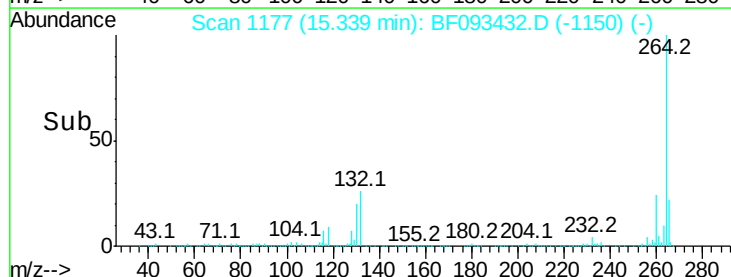
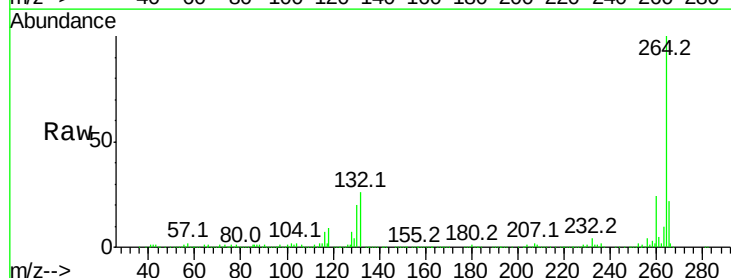
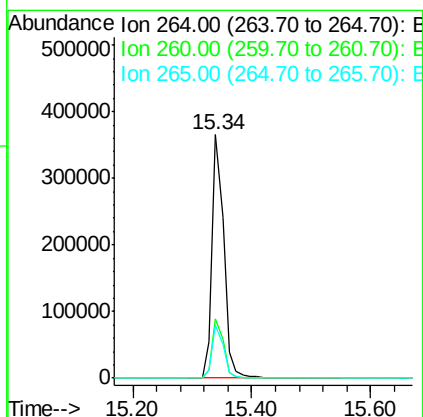
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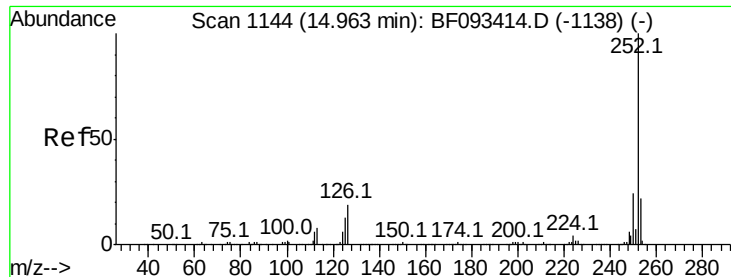
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.34 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.8	17.4	26.0





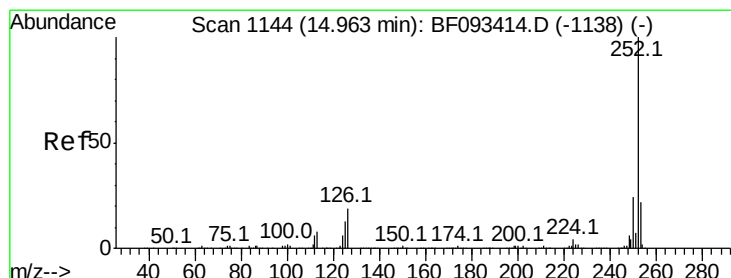
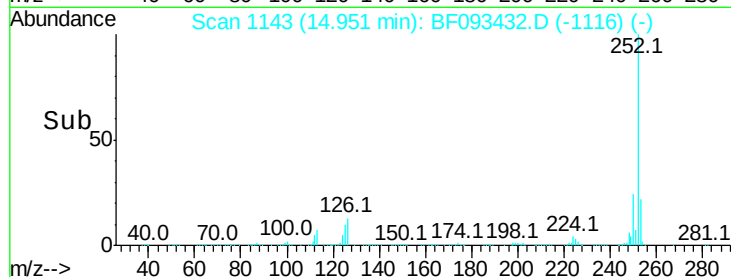
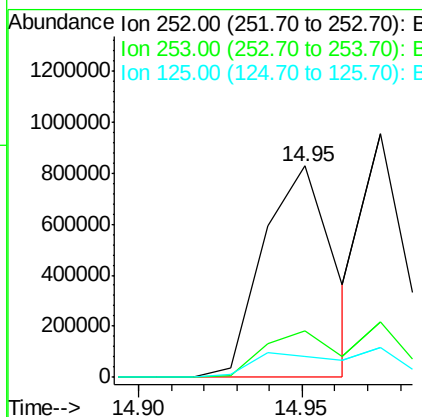
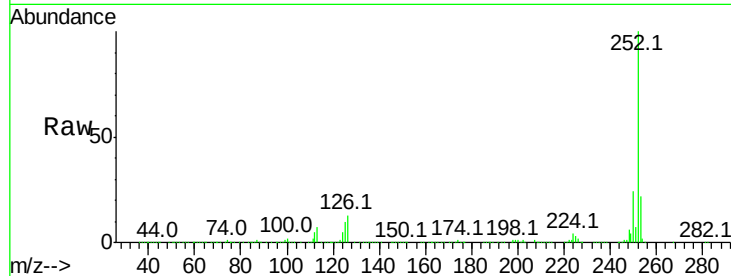
#87
Benzo(b)fluoranthene
Concen: 41.27 ng m
RT: 14.95 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97430BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	10.1	9.8	14.6

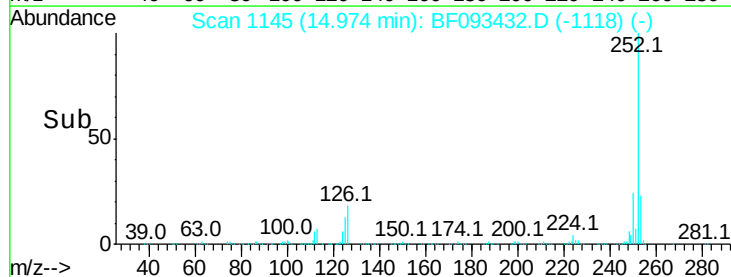
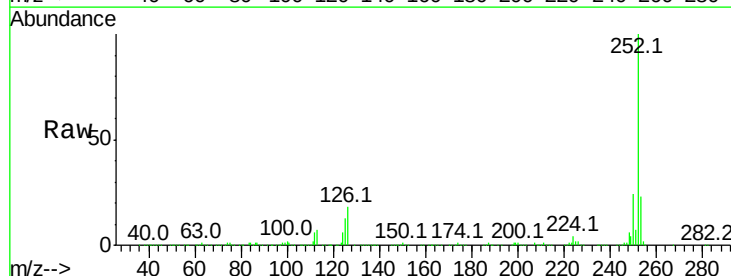
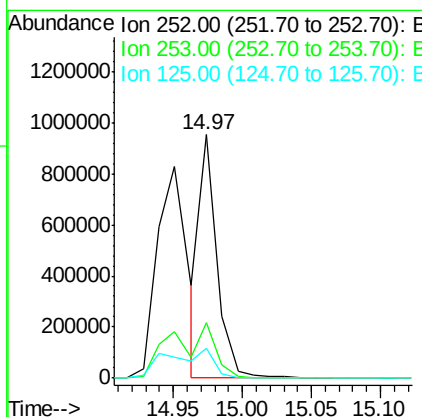
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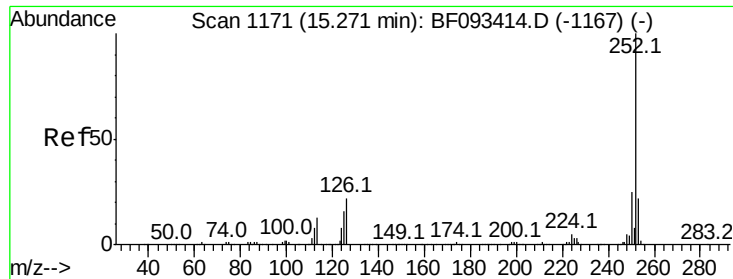
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#88
Benzo(k)fluoranthene
Concen: 29.39 ng m
RT: 14.97 min Scan# 1145
Delta R.T. 0.01 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	12.5	8.9	13.3





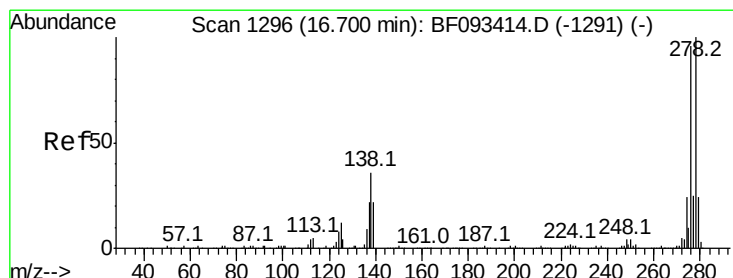
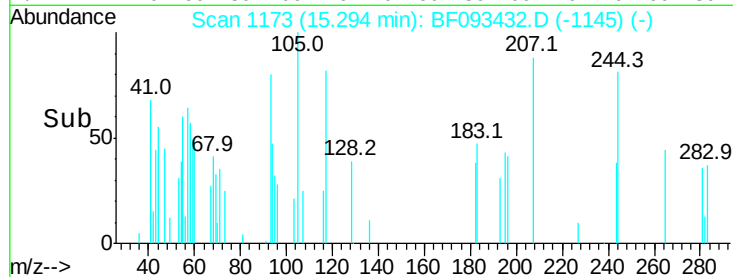
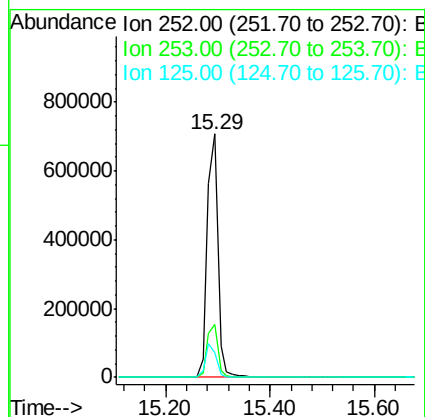
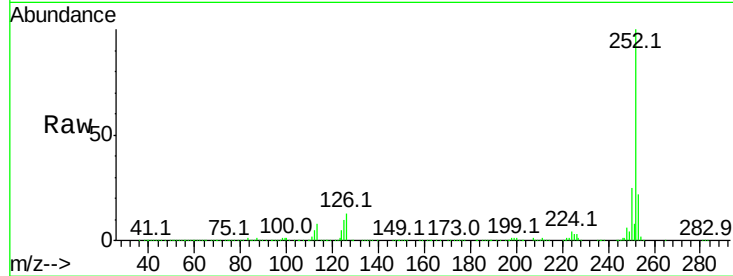
#89
Benzo(a)pyrene
Concen: 36.07 ng
RT: 15.29 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97430BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.5	18.2	27.2
125	10.3	10.0	15.0

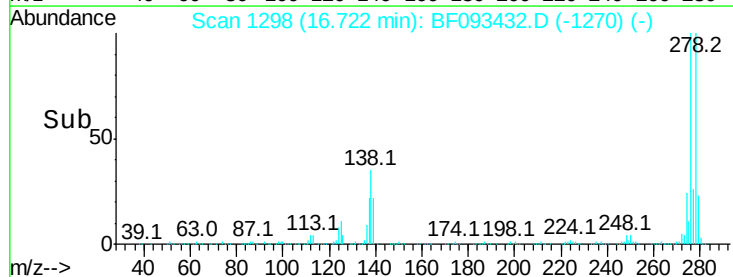
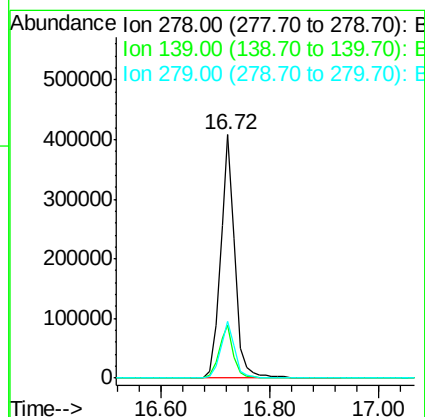
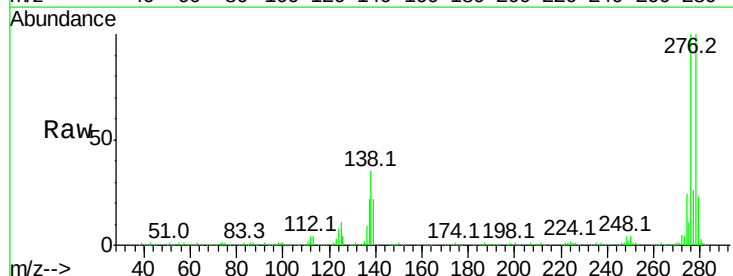
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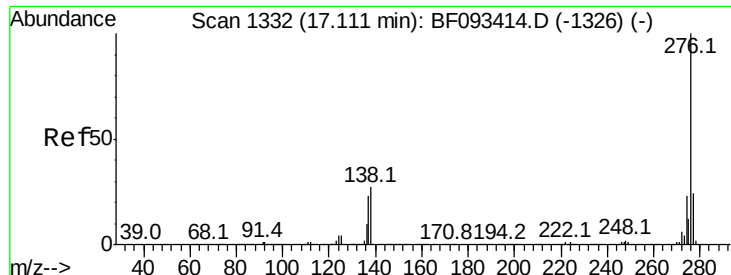
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#90
Dibenzo(a,h)anthracene
Concen: 33.06 ng
RT: 16.72 min Scan# 1298
Delta R.T. 0.02 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	21.7	14.8	22.2
279	23.4	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 32.84 ng
 RT: 17.13 min Scan# 1334
 Delta R.T. 0.02 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97430BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	26.2	16.0	24.0

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