

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
 Data File : BF093334.D
 Acq On : 2 Mar 2017 21:28
 Operator : SJ/MA
 Sample : PB97296BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97296BS

Manual Integrations
 APPROVED

mohammad
 3/3/2017 5:16:48 PM

Quant Time: Mar 03 01:18:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 00:22:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	153748	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	617684	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	293564	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	534526	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	407008	20.00	ng	-0.01
86) Perylene-d12	15.39	264	326616	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1291506	144.11	ng	0.01
7) Phenol-d6	6.45	99	1553297	134.71	ng	0.00
23) Nitrobenzene-d5	7.37	82	978428	88.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	273548	128.84	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1490031	91.95	ng	0.00
78) Terphenyl-d14	12.92	244	1327988	76.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	182990	37.79	ng	# 81
3) Pyridine	3.09	79	466901	37.92	ng	89
4) n-Nitrosodimethylamine	3.06	42	269101	46.54	ng	86
6) Aniline	6.46	93	388116	24.68	ng	# 78
8) 2-Chlorophenol	6.58	128	428830	43.37	ng	89
9) Benzaldehyde	6.34	77	131743	15.95	ng	86
10) Phenol	6.46	94	599842	44.46	ng	84
11) bis(2-Chloroethyl)ether	6.53	93	443902	41.22	ng	92
12) 1,3-Dichlorobenzene	6.73	146	462359m	39.93	ng	
13) 1,4-Dichlorobenzene	6.81	146	482611	41.18	ng	99
14) 1,2-Dichlorobenzene	6.97	146	458012	40.87	ng	96
15) Benzyl Alcohol	6.96	79	354721	41.55	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	765085	40.90	ng	91
17) 2-Methylphenol	7.07	107	364029	42.92	ng	95
18) Hexachloroethane	7.30	117	167035	41.75	ng	# 88
19) n-Nitroso-di-n-propylamine	7.22	70	323777	44.11	ng	97
20) 3+4-Methylphenols	7.23	107	495477	48.86	ng	# 76
22) Acetophenone	7.22	105	616697	43.73	ng	# 97
24) Nitrobenzene	7.39	77	526302	46.21	ng	99
25) Isophorone	7.63	82	926974	44.85	ng	94
26) 2-Nitrophenol	7.71	139	256816	47.43	ng	95
27) 2,4-Dimethylphenol	7.76	122	432179	45.45	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	606176	44.28	ng	99
29) 2,4-Dichlorophenol	7.96	162	380524	42.91	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	381563	39.93	ng	95
31) Naphthalene	8.11	128	1255295	40.09	ng	99
32) Benzoic acid	7.92	122	176299	35.01	ng	94
33) 4-Chloroaniline	8.17	127	244919	19.94	ng	95
34) Hexachlorobutadiene	8.22	225	199847	38.01	ng	98
35) Caprolactam	8.56	113	135535m	48.59	ng	
36) 4-Chloro-3-methylphenol	8.67	107	398858	43.14	ng	99
37) 2-Methylnaphthalene	8.81	142	841657	41.86	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	384279	46.63	ng	99
40) Hexachlorocyclopentadiene	8.96	237	216432	58.21	ng	95

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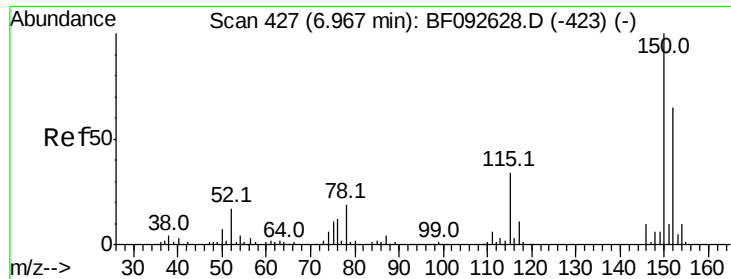
Manual Integrations
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 3/3/2017 5:16:48 PM

Quant Time: Mar 03 01:18:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 00:22:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	249890	46.15	nq	91
43) 2,4,5-Trichlorophenol	9.15	196	244445	41.20	nq	# 86
45) 1,1'-Biphenyl	9.28	154	1019627	47.97	nq	97
46) 2-Chloronaphthalene	9.30	162	764293	45.96	nq	97
47) 2-Nitroaniline	9.40	65	263675	47.16	nq	92
48) Acenaphthylene	9.71	152	1153191	40.14	nq	98
49) Dimethylphthalate	9.58	163	971740	49.14	nq	100
50) 2,6-Dinitrotoluene	9.65	165	218937	51.27	nq	92
51) Acenaphthene	9.88	154	673759	39.23	nq	97
52) 3-Nitroaniline	9.82	138	132867	27.19	nq	80
53) 2,4-Dinitrophenol	9.94	184	229631	104.19	nq	# 63
54) Dibenzofuran	10.05	168	1026088	44.67	nq	99
55) 4-Nitrophenol	10.01	139	220515	62.65	nq	95
56) 2,4-Dinitrotoluene	10.06	165	267743	47.09	nq	# 76
57) Fluorene	10.40	166	788287	44.60	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	207492	52.43	nq	92
59) Diethylphthalate	10.28	149	955150	51.26	nq	97
60) 4-Chlorophenyl-phenylether	10.40	204	392759	46.26	nq	# 75
61) 4-Nitroaniline	10.44	138	245501	49.05	nq	91
62) Azobenzene	10.56	77	1159172	60.21	nq	94
64) 4,6-Dinitro-2-methylphenol	10.48	198	150296	46.29	nq	80
65) n-Nitrosodiphenylamine	10.52	169	758393	44.41	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	227279	40.70	nq	# 89
67) Hexachlorobenzene	10.96	284	228873	41.47	nq	# 89
68) Atrazine	11.05	200	231986	42.34	nq	99
69) Pentachlorophenol	11.15	266	180498	64.86	nq	96
70) Phenanthrene	11.37	178	1283918	41.93	nq	98
71) Anthracene	11.41	178	1189613	38.68	nq	99
72) Carbazole	11.57	167	1076266	36.61	nq	99
73) Di-n-butylphthalate	11.90	149	1471952	46.30	nq	# 95
74) Fluoranthene	12.54	202	1244095	39.38	nq	97
76) Benzidine	12.67	184	405782	23.40	nq	98
77) Pyrene	12.77	202	1263466	41.48	nq	99
79) Butylbenzylphthalate	13.39	149	583443	47.17	nq	98
80) Benzo(a)anthracene	13.96	228	1027592	41.28	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	235379	26.53	nq	# 95
82) Chrysene	14.00	228	969085	41.58	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	867884	51.31	nq	# 96
84) Di-n-octyl phthalate	14.56	149	1348441	48.95	nq	97
85) Indeno(1,2,3-cd)pyrene	16.79	276	708586	39.25	nq	# 94
87) Benzo(b)fluoranthene	14.99	252	857527m	39.89	nq	
88) Benzo(k)fluoranthene	15.03	252	846617m	45.61	nq	
89) Benzo(a)pyrene	15.33	252	781799	42.04	nq	# 96
90) Dibenzo(a,h)anthracene	16.79	278	600850	39.98	nq	# 94
91) Benzo(g,h,i)perylene	17.21	276	607509	40.01	nq	# 92

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



#1

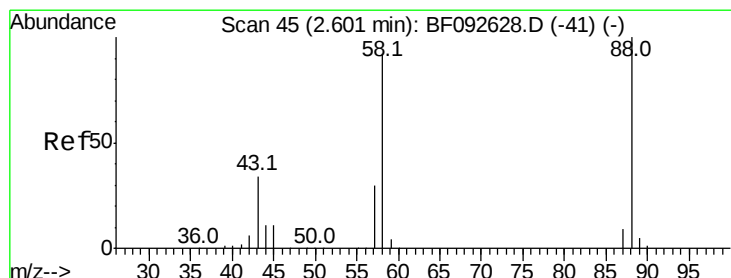
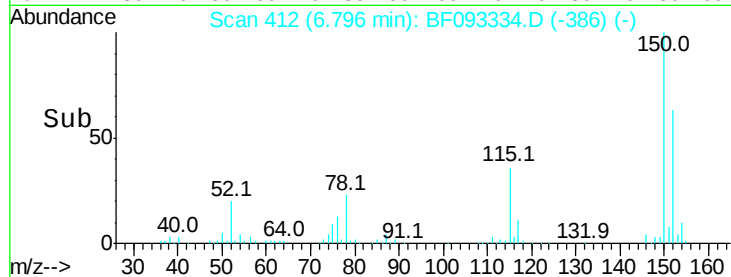
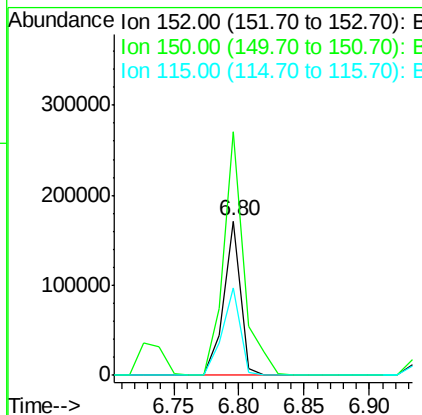
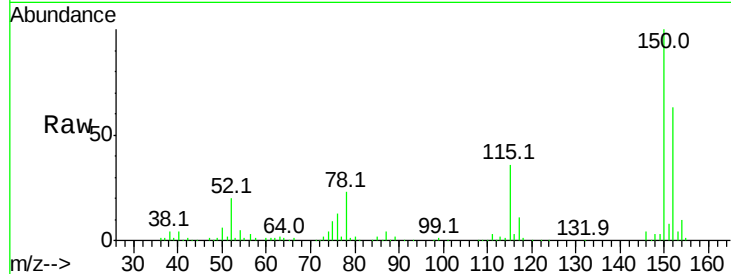
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB97296BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.9	187.3
115	56.7	46.0	69.0

Manual Integrations
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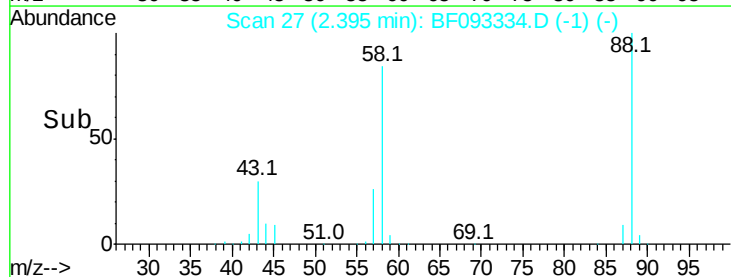
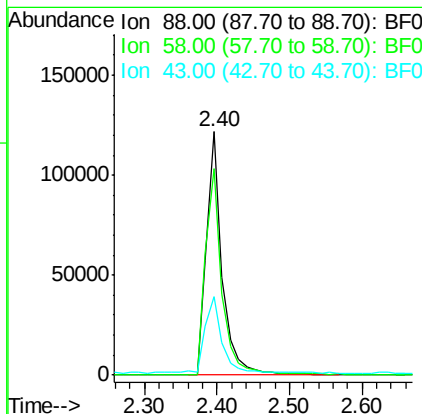
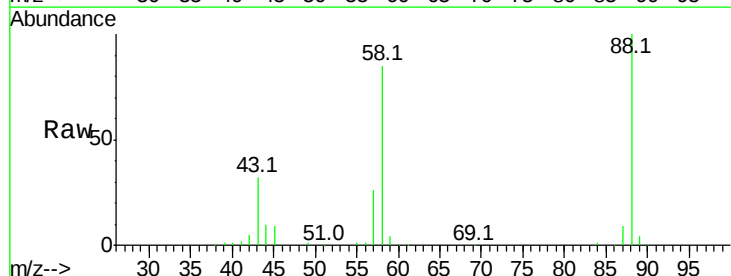
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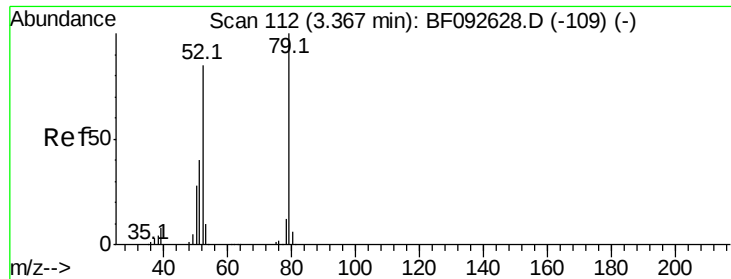


#2

1,4-Dioxane
Concen: 37.79 ng
RT: 2.40 min Scan# 27
Delta R.T. 0.08 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.5	57.8	86.8#
43	35.1	22.3	33.5#





#3

Pvridine

Concen: 37.92 ng

RT: 3.09 min Scan# 88

Delta R.T. 0.08 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

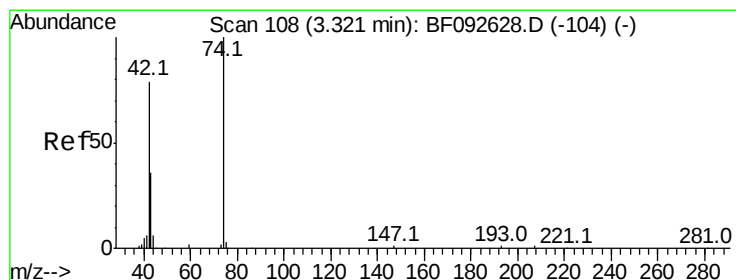
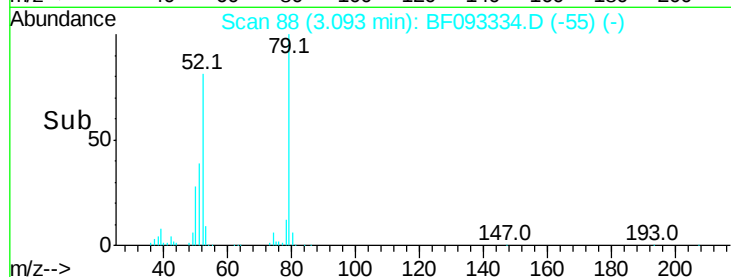
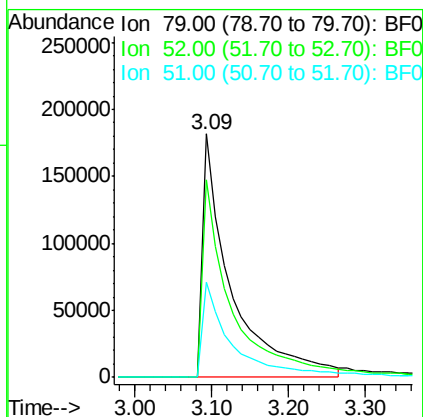
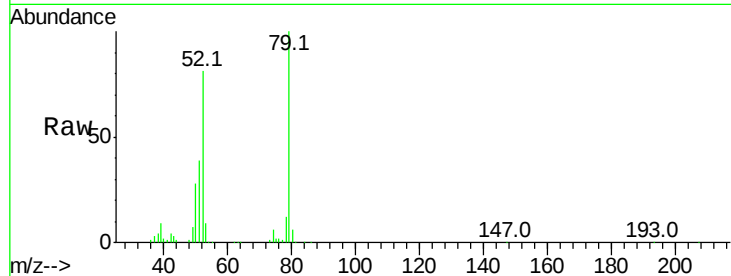
ClientSampleId :

PB97296BS

Tot Ion:	79	Resp:	466901
Ion Ratio	Lower	Upper	
79	100		
52	81.2	57.1	85.7
51	38.9	27.3	40.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 46.54 ng

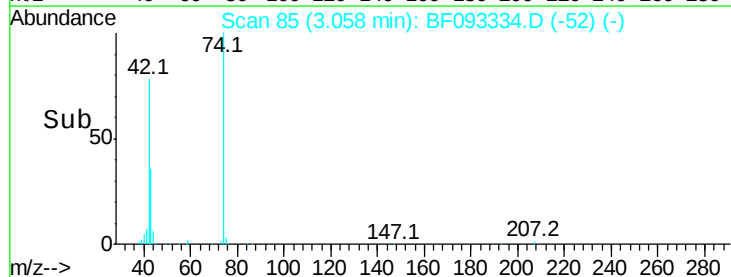
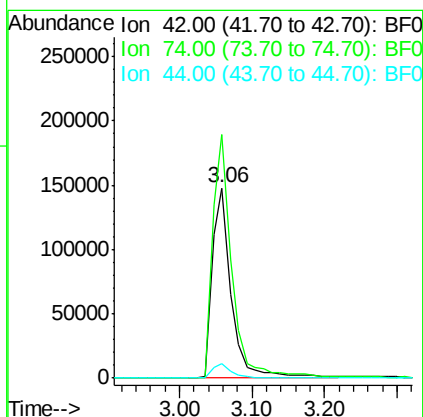
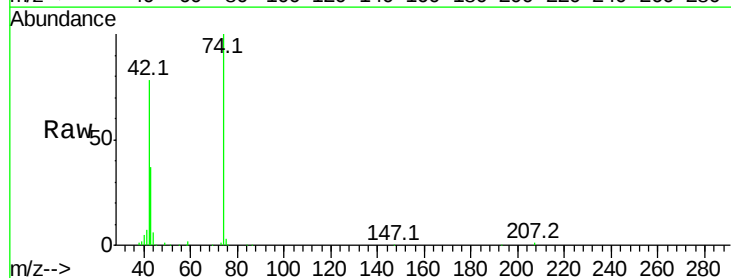
RT: 3.06 min Scan# 85

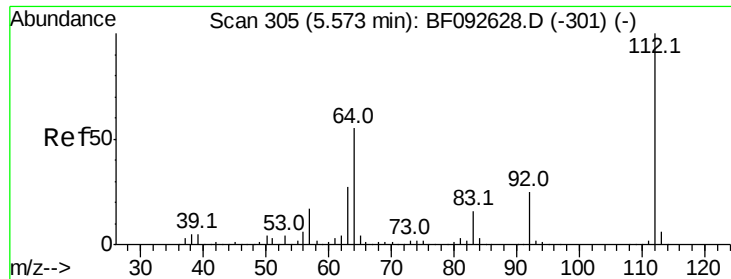
Delta R.T. 0.08 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Tgt Ion:	42	Resp:	269101
Ion Ratio	Lower	Upper	
42	100		
74	127.9	117.0	175.4
44	7.4	5.5	8.3





#5

2-Fluorophenol

Concen: 144.11 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

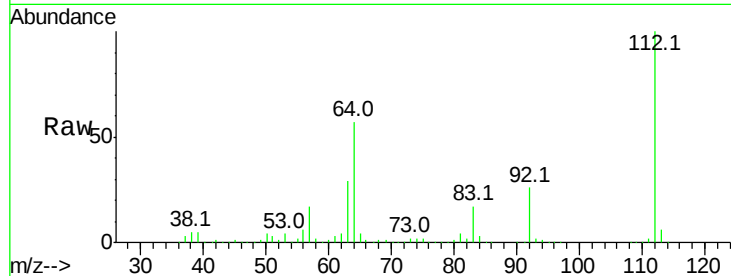
ClientSampleId :

PB97296BS

Tot Ion:	112	Resp:	1291506
Ion	Ratio	Lower	Upper
112	100		
64	57.2	46.1	69.1
63	28.6	23.8	35.6

Manual Integrations
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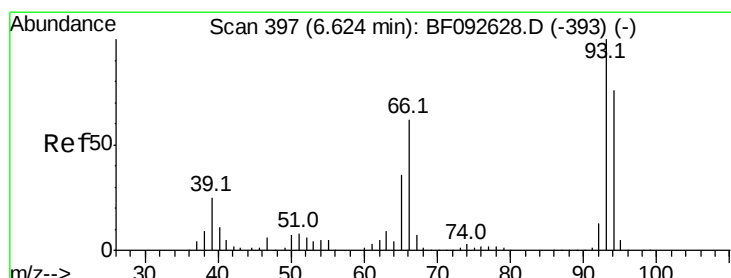
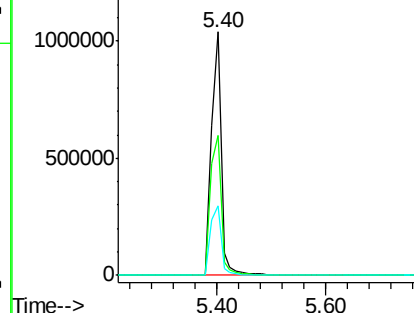
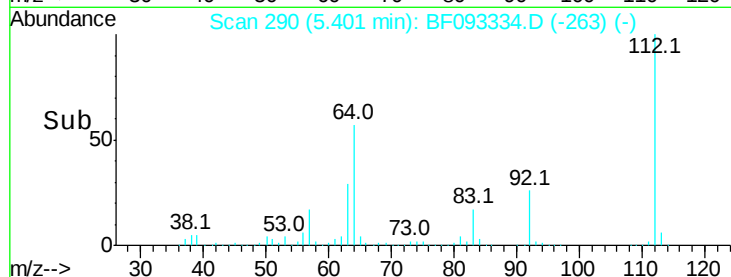
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Abundance Ion 112.00 (111.70 to 112.70): BFO

Ion 64.00 (63.70 to 64.70): BFO

Ion 63.00 (62.70 to 63.70): BFO



#6

Aniline

Concen: 24.68 ng

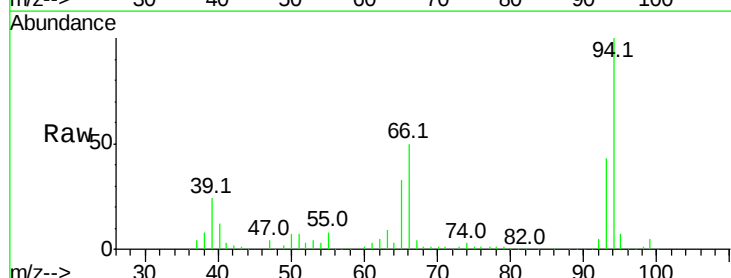
RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

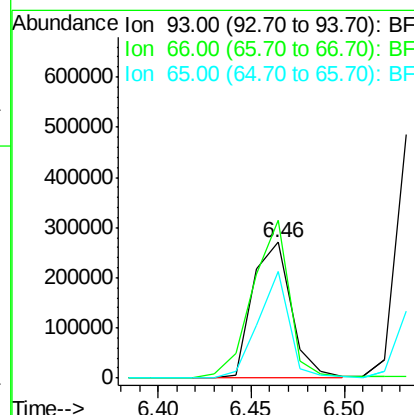
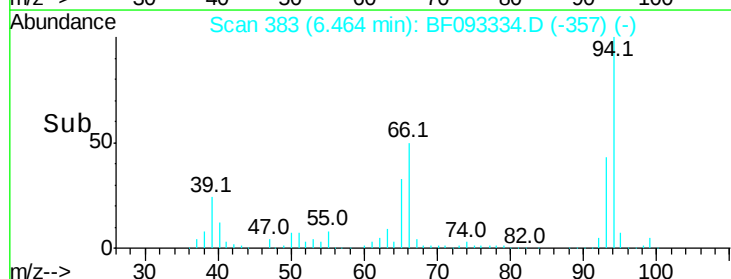
Tgt Ion:	93	Resp:	388116
Ion	Ratio	Lower	Upper
93	100		
66	116.1	76.2	114.2#
65	78.2	49.3	73.9#

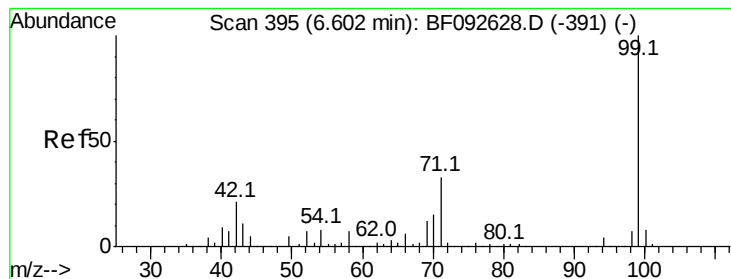


Abundance Ion 93.00 (92.70 to 93.70): BFO

Ion 66.00 (65.70 to 66.70): BFO

Ion 65.00 (64.70 to 65.70): BFO





#7

Phenol-d6

Concen: 134.71 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB97296BS

Tot Ion: 99 Resp: 1553297

Ion Ratio Lower Upper

99 100

42 18.7 15.6 23.4

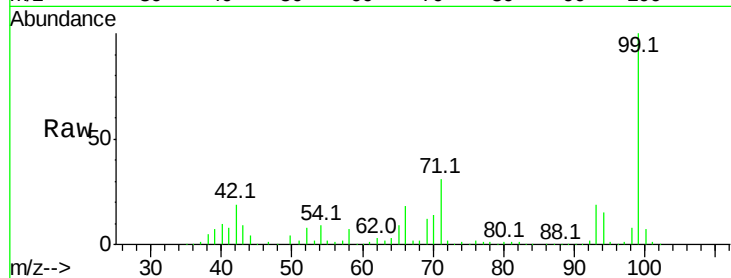
71 31.1 27.5 41.3

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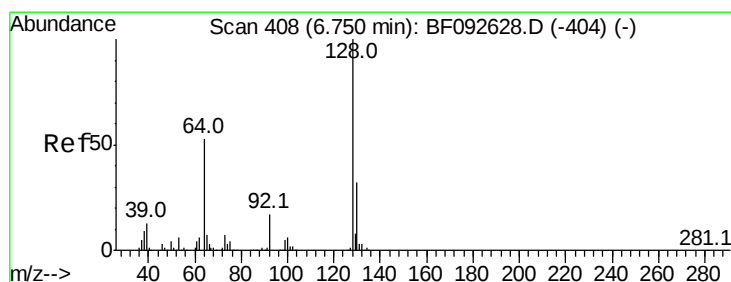
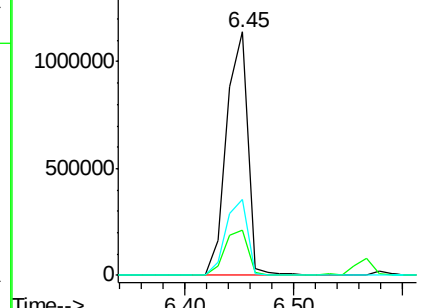
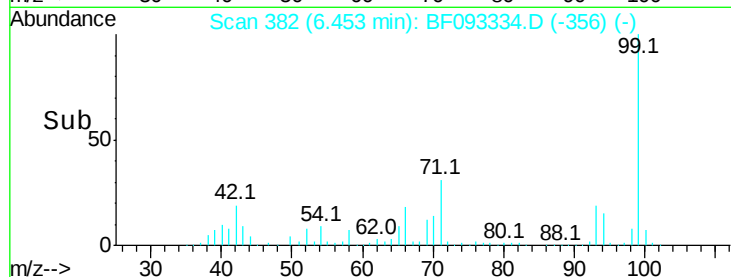
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.37 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

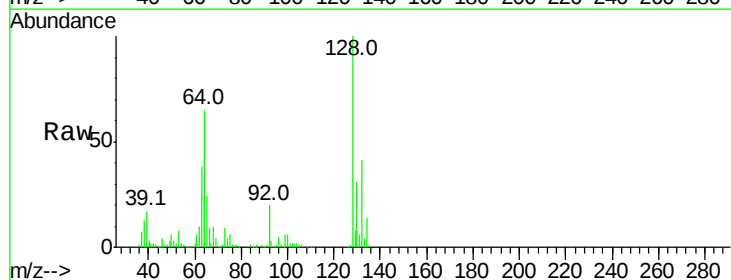
Tgt Ion:128 Resp: 428830

Ion Ratio Lower Upper

128 100

130 31.4 12.3 52.3

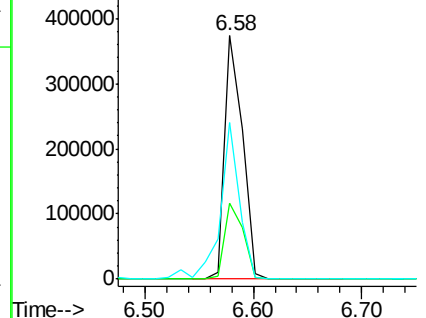
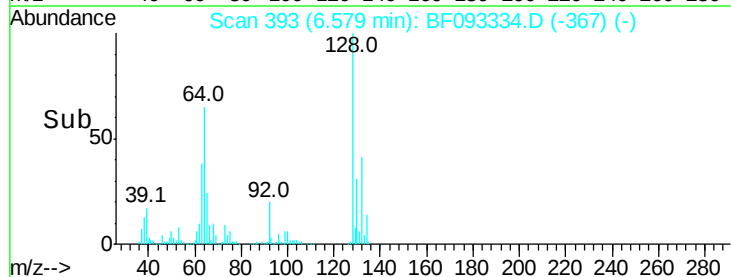
64 64.5 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





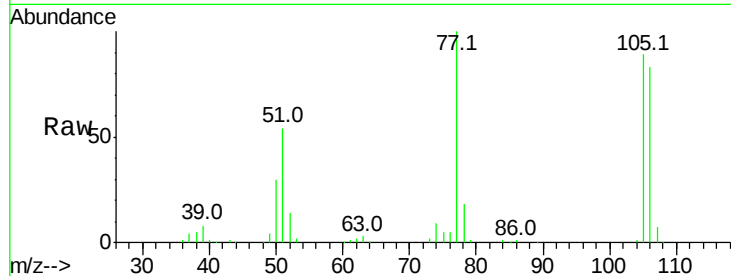
#9
Benzaldehyde
Concen: 15.95 ng
RT: 6.34 min Scan# 372
Delta R.T. -0.00 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Instrument :
BNA_F
ClientSampled :
PB97296BS

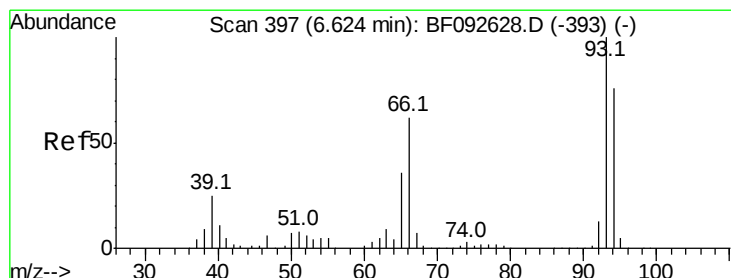
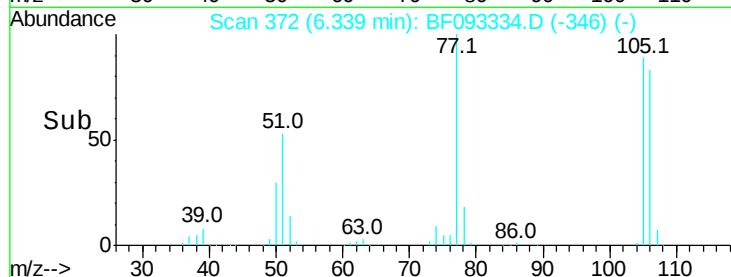
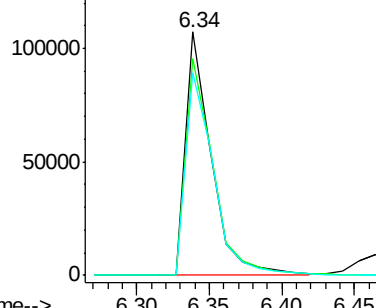
Tot Ion: 77 Resp: 131743
Ion Ratio Lower Upper
77 100
105 89.2 83.9 123.9
106 83.2 77.6 117.6

Manual Integrations
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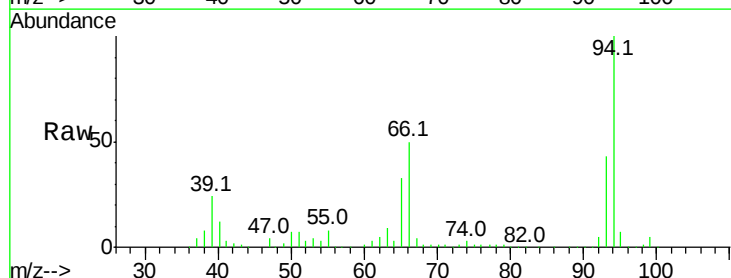


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

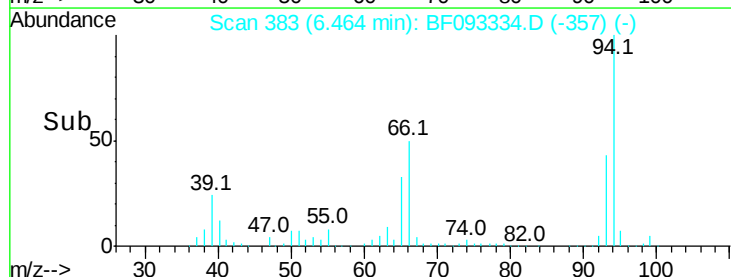
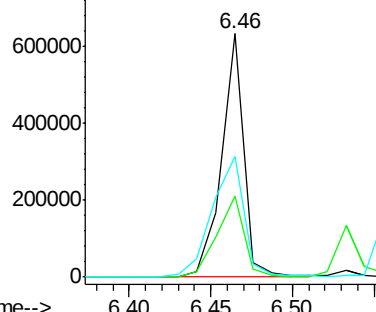


#10
Phenol
Concen: 44.46 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion: 94 Resp: 599842
Ion Ratio Lower Upper
94 100
65 33.4 21.4 61.4
66 49.6 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





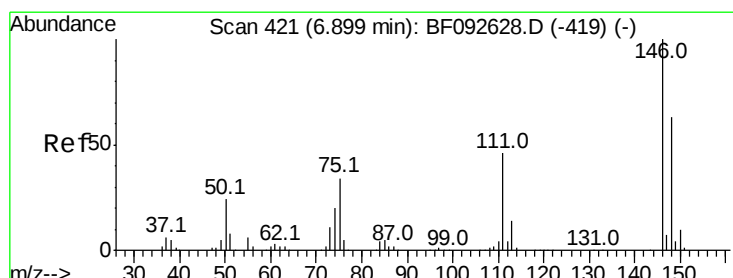
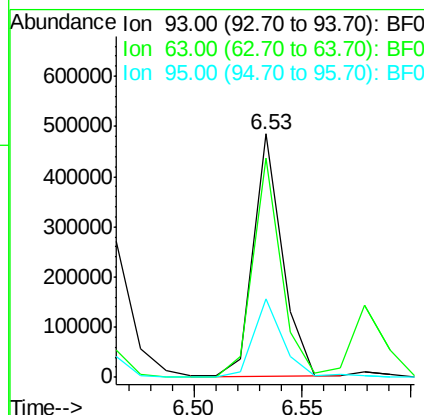
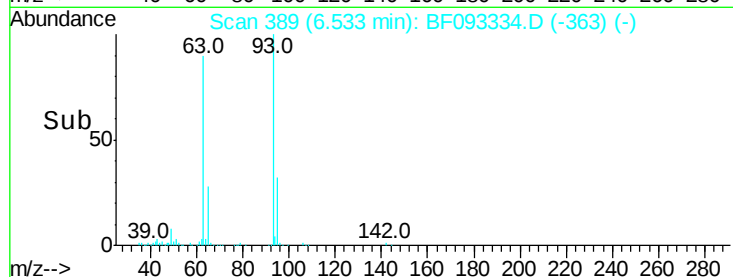
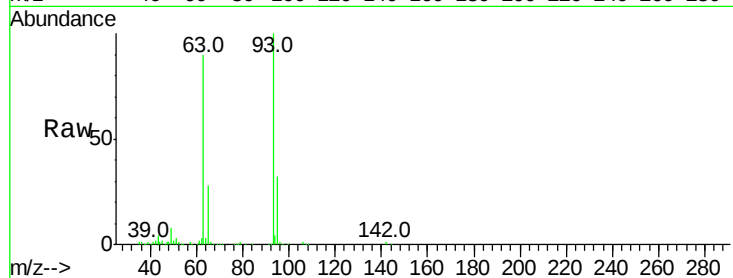
#11
bis(2-Chloroethyl)ether
Concen: 41.22 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.00 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB97296BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.9	60.4	100.4
95	32.5	12.8	52.8

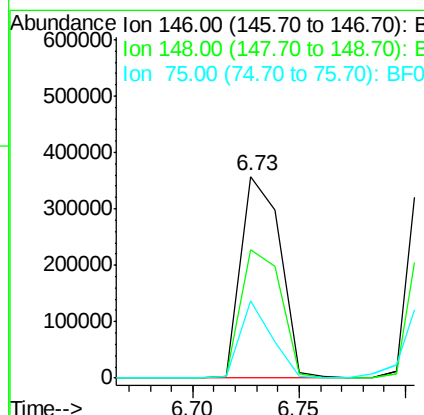
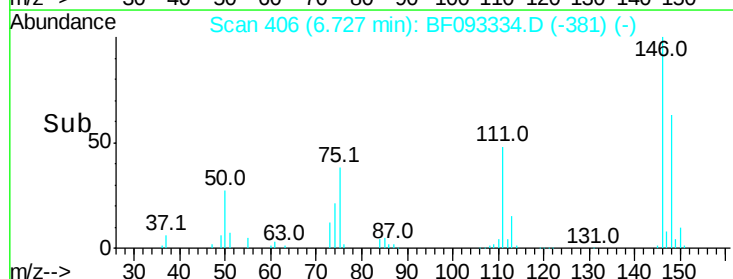
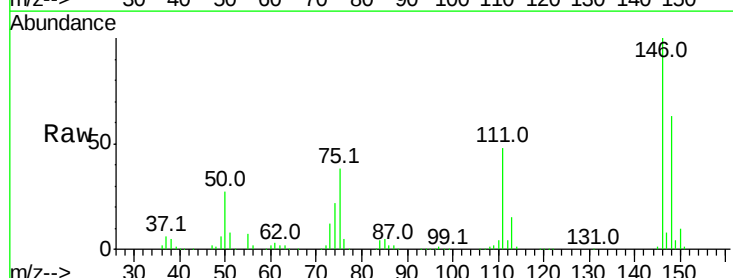
Manual Integrations
APPROVED

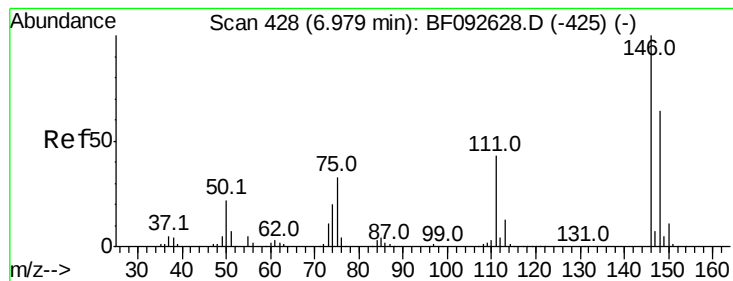
mohammad
3/3/2017 5:16:48 PM



#12
1,3-Dichlorobenzene
Concen: 39.93 ng m
RT: 6.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	53.4	80.0
75	38.2	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 41.18 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

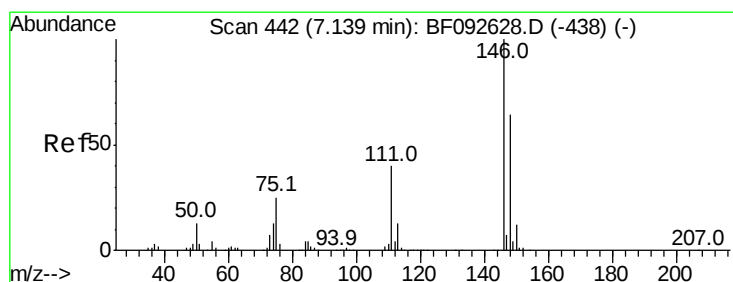
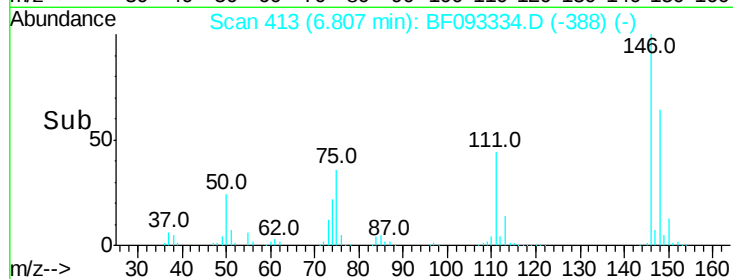
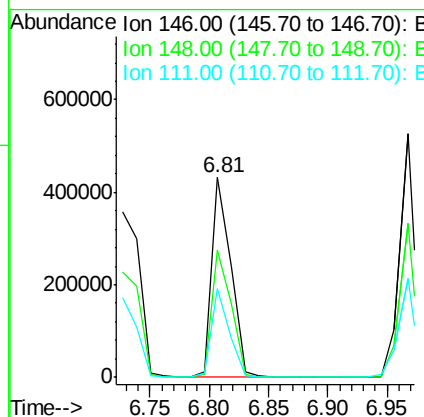
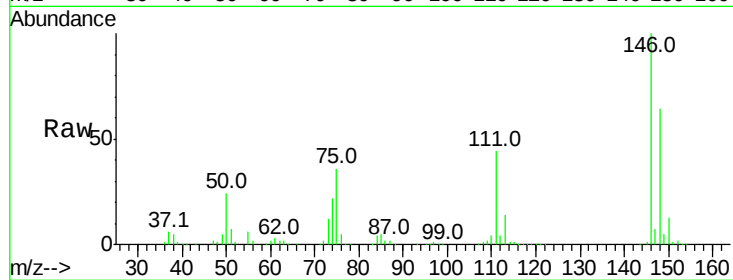
ClientSampleId :

PB97296BS

Tot Ion:	146	Resp:	482611
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.6	76.0
111	44.4	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.87 ng

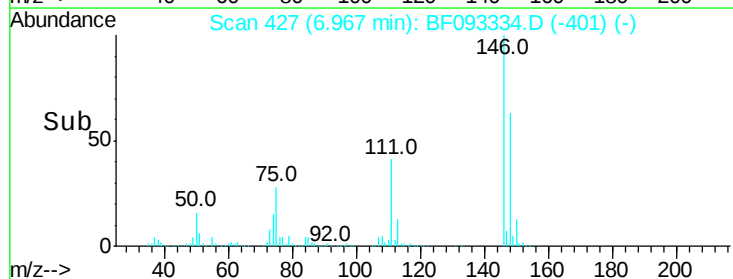
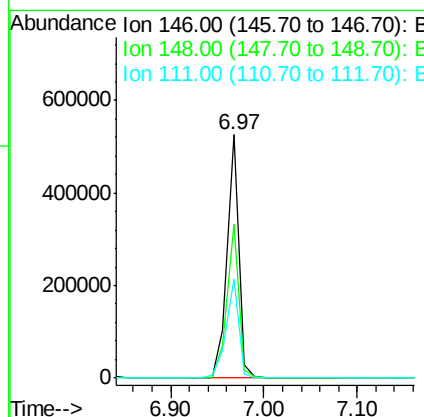
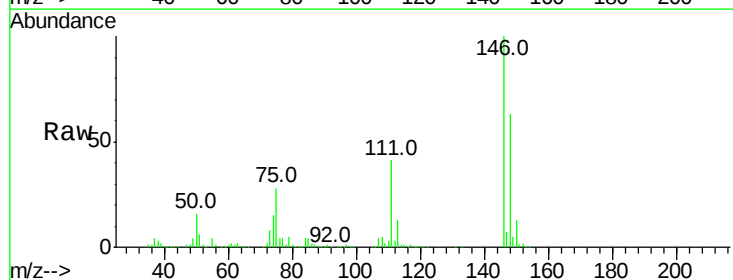
RT: 6.97 min Scan# 427

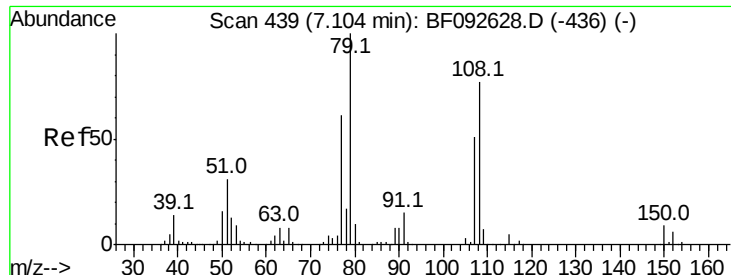
Delta R.T. -0.00 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Tgt Ion:	146	Resp:	458012
Ion Ratio	Lower	Upper	
146	100		
148	63.2	52.2	78.2
111	40.7	36.2	54.2





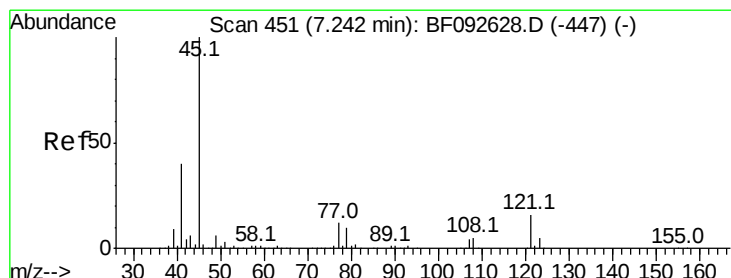
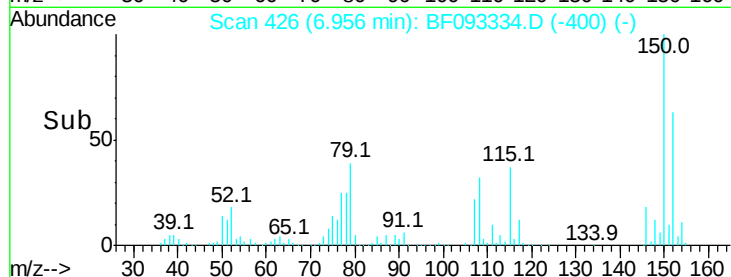
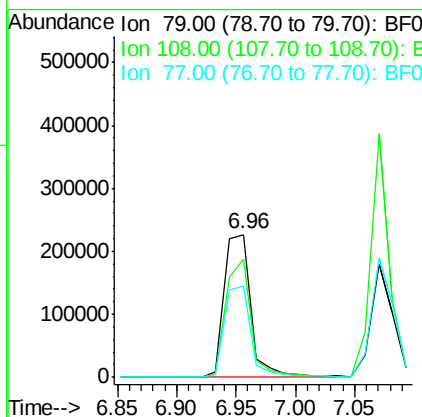
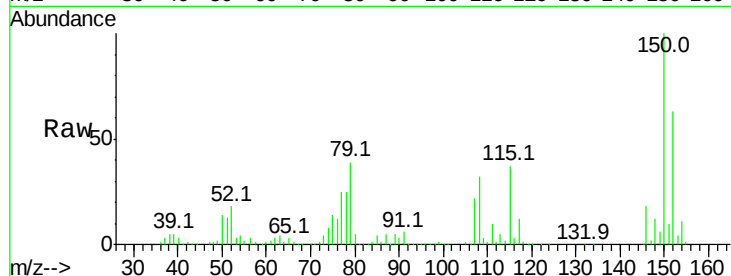
#15
Benzyl Alcohol
Concen: 41.55 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Instrument :
BNA_F
ClientSampled :
PB97296BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.6	61.4	92.0
77	64.3	50.9	76.3

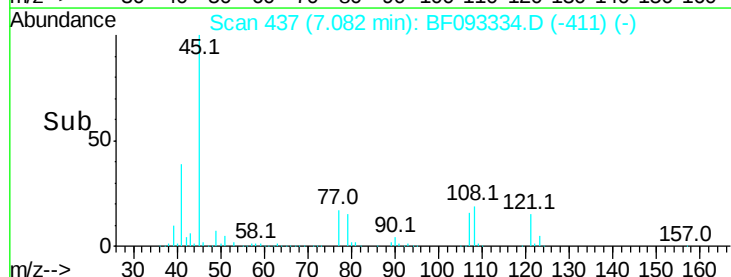
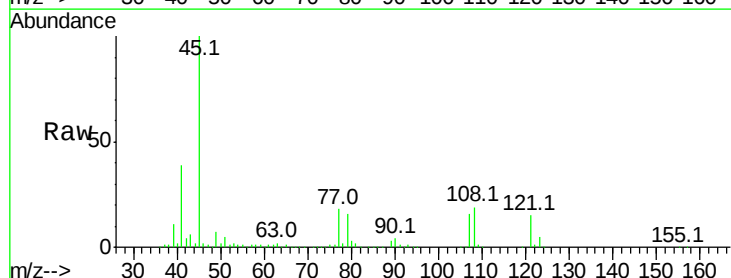
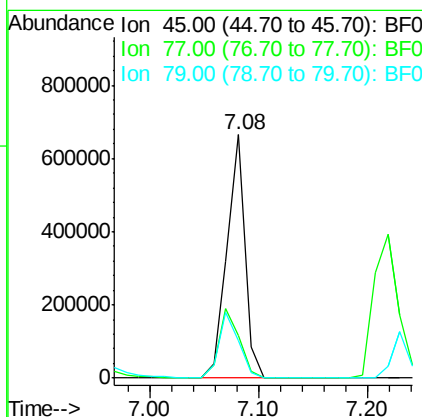
Manual Integrations
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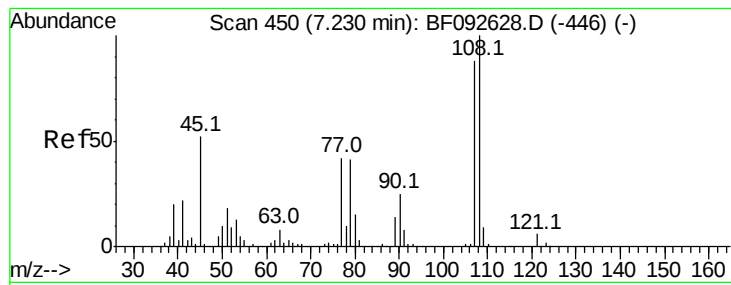
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.90 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.7	0.0	34.6
79	15.6	0.0	31.2





#17

2-Methylphenol

Concen: 42.92 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB97296BS

Tot Ion:107 Resp: 364029

Ion Ratio Lower Upper

107 100

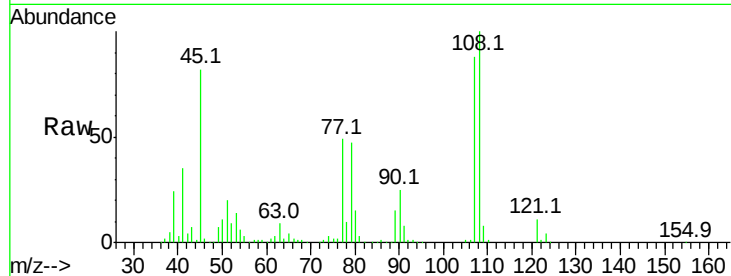
108 113.4 93.0 139.6

77 55.4 39.8 59.8

79 52.7 38.0 57.0

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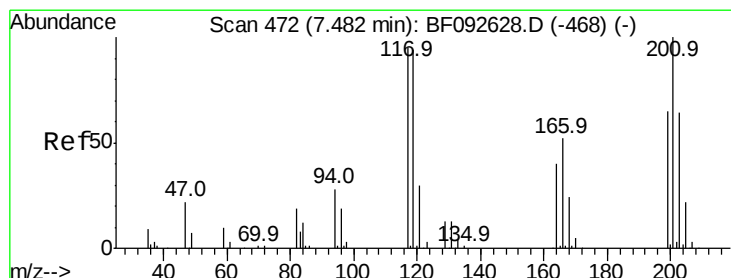
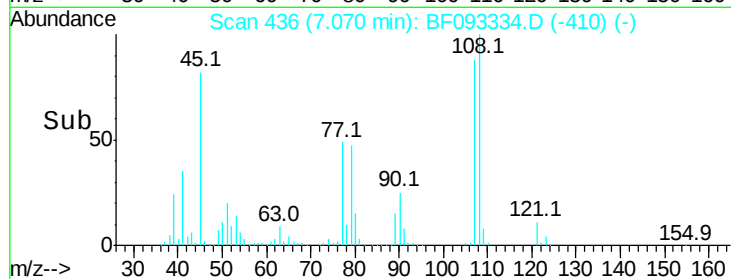
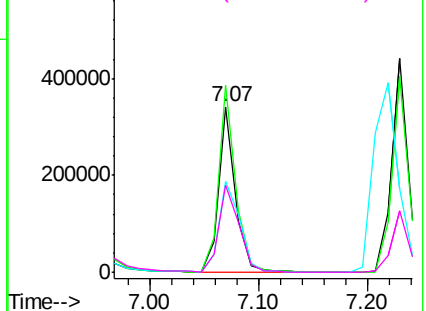


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.75 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Tgt Ion:117 Resp: 167035

Ion Ratio Lower Upper

117 100

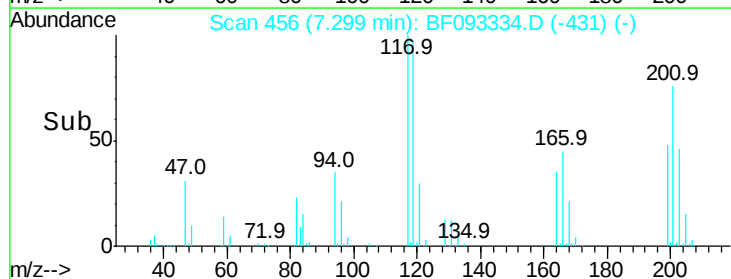
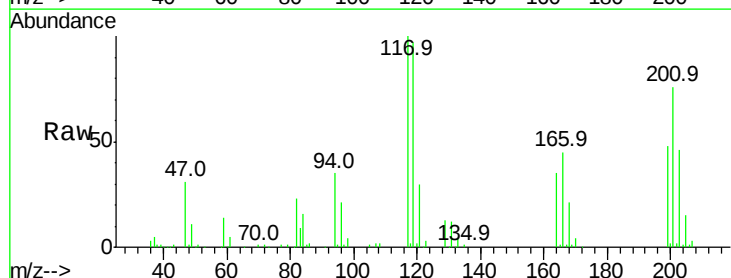
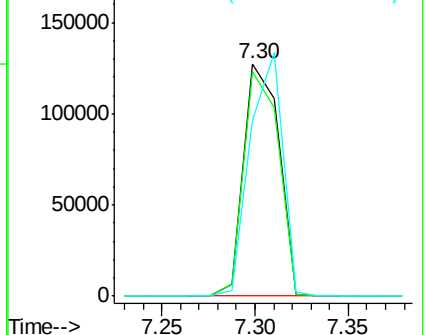
119 96.9 78.1 117.1

201 75.7 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





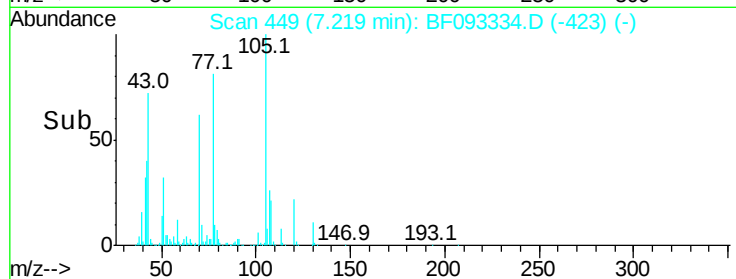
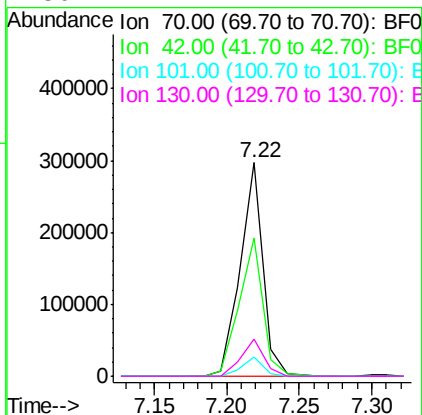
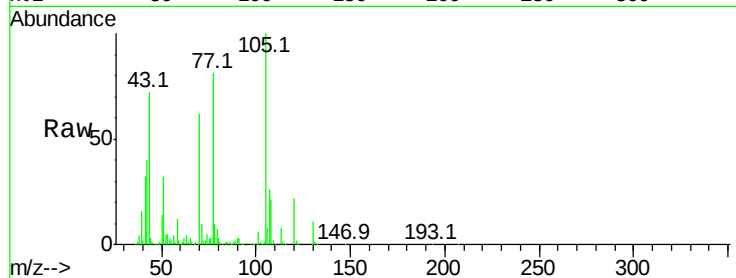
#19
n-Nitroso-di-n-propylamine
Concen: 44.11 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB97296BS

Tot Ion	70	Resp	323777
Ion Ratio	Lower	Upper	
70	100		
42	64.6	49.4	74.0
101	9.0	7.4	11.2
130	17.4	14.2	21.4

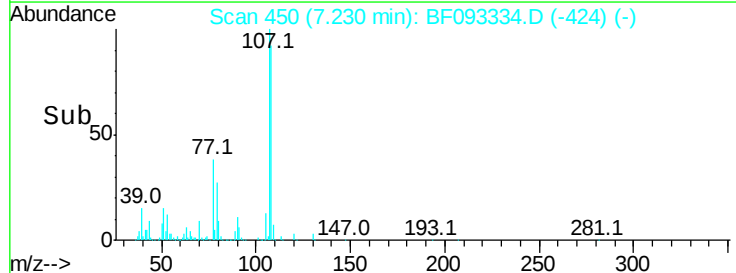
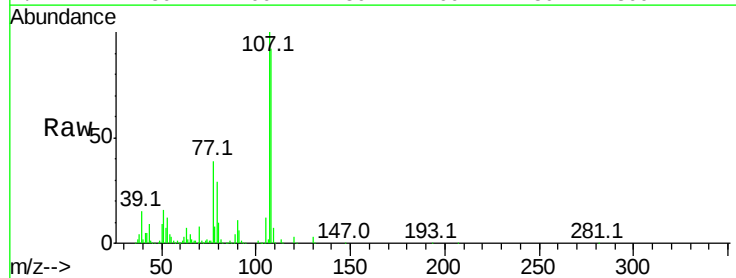
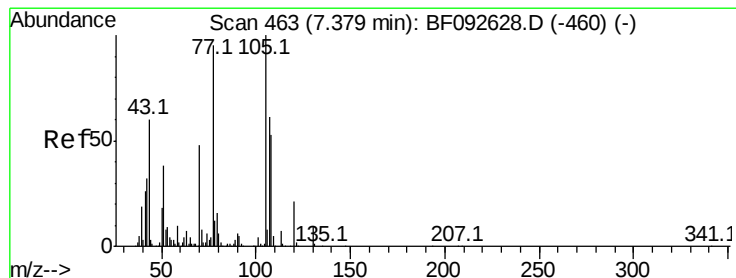
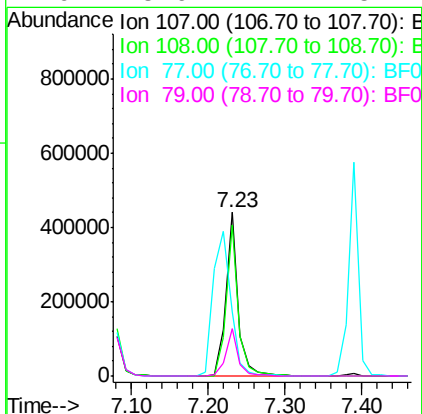
Manual Integrations
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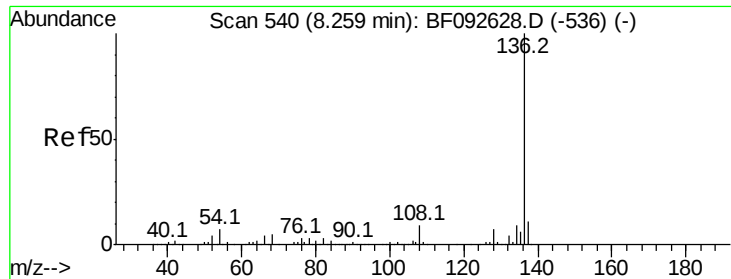
mohammad
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#20
3+4-Methylphenols
Concen: 48.86 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion	107	Resp	495477
Ion Ratio	Lower	Upper	
107	100		
108	91.9	73.0	113.0
77	39.1	71.3	111.3#
79	28.6	11.1	51.1





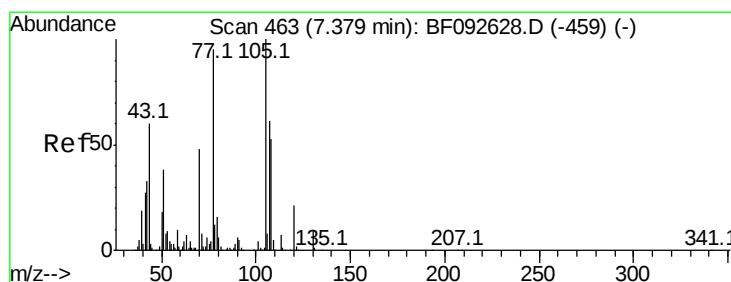
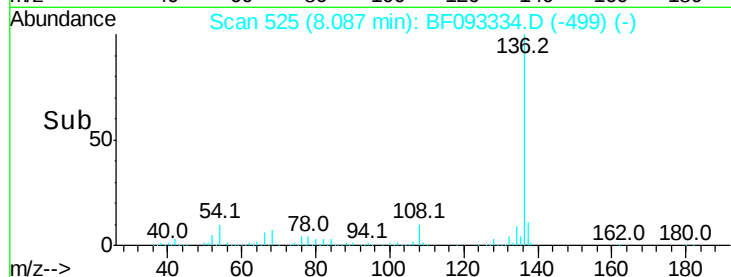
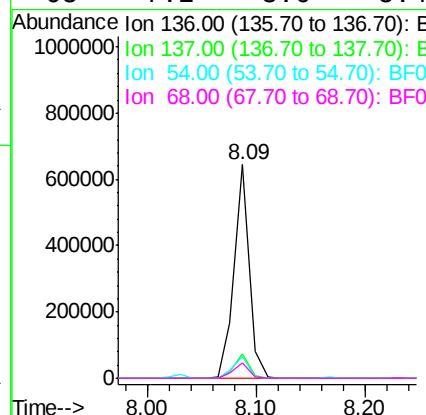
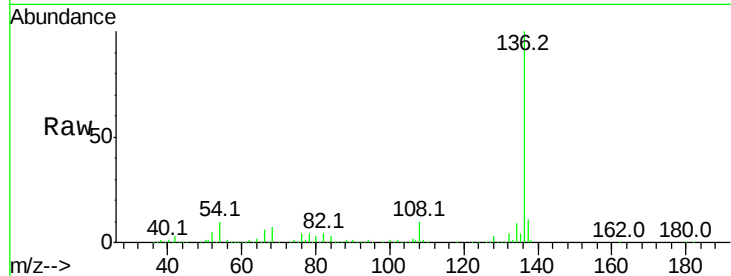
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB97296BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	617684		
137	11.1	8.4	12.6	
54	10.0	4.5	6.7#	
68	7.2	3.6	5.4#	

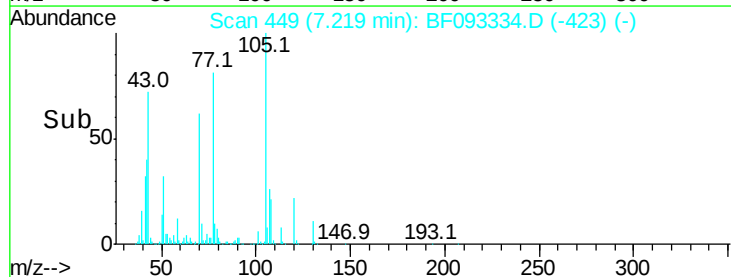
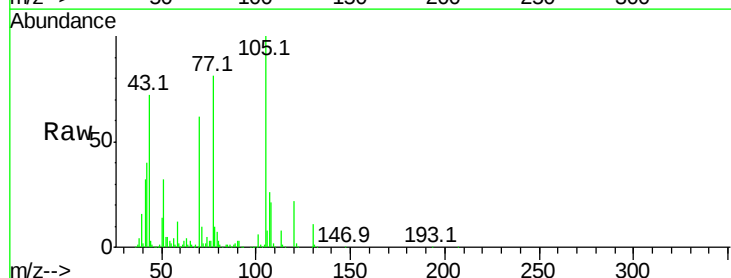
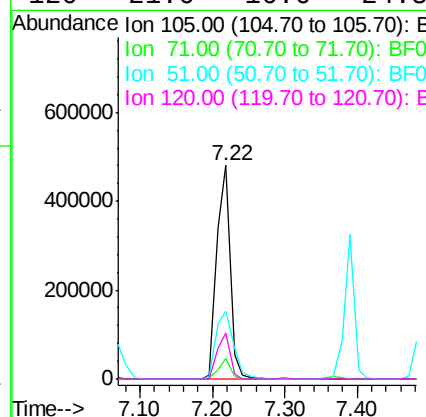
Manual Integrations
APPROVED

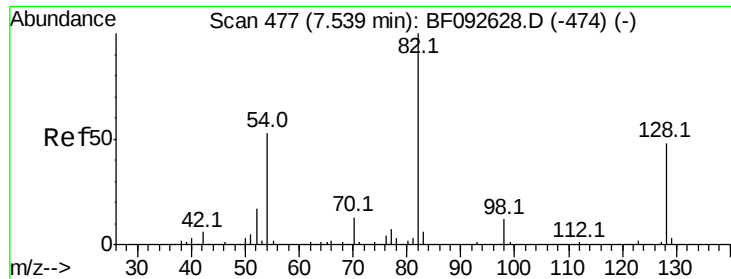
mohammad
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#22
Acetophenone
Concen: 43.73 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	616697		
71	9.8	3.2	4.8#	
51	32.0	26.2	39.4	
120	21.6	16.6	24.8	





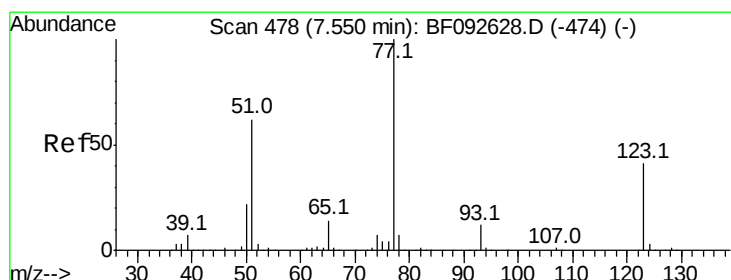
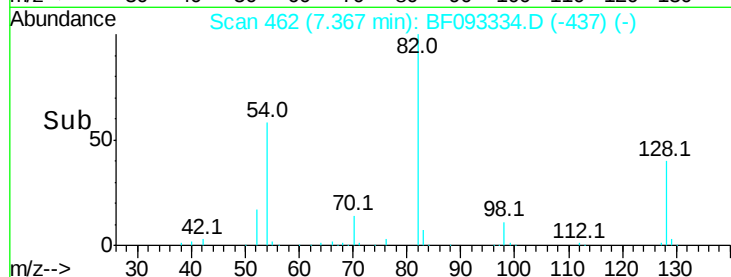
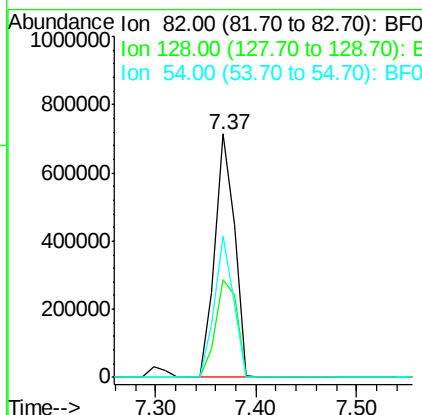
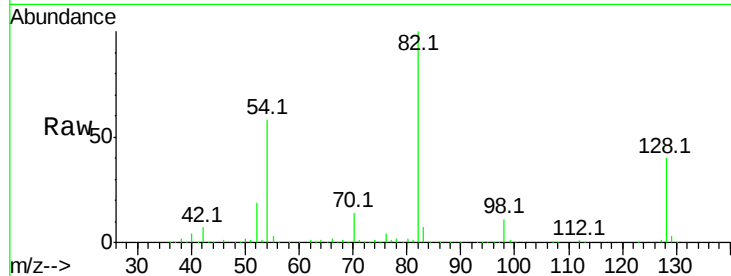
#23
Nitrobenzene-d5
Concen: 88.21 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB97296BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	34.6	52.0
54	58.2	39.5	59.3

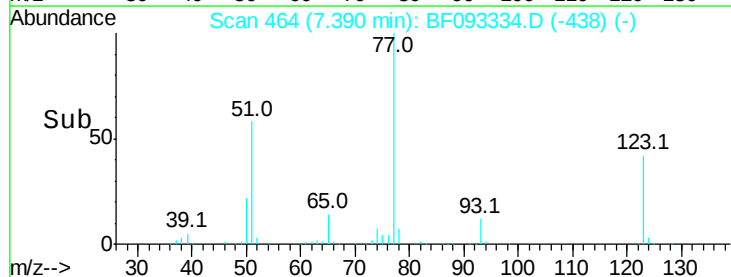
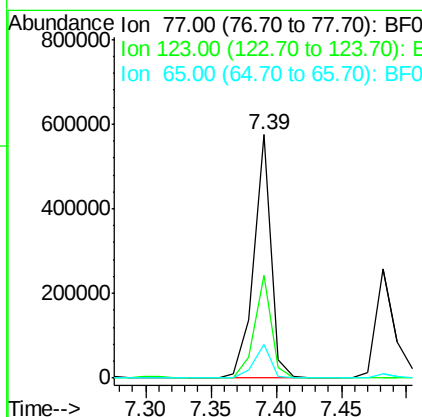
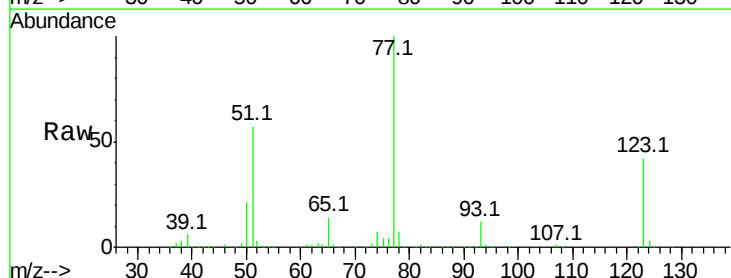
Manual Integrations
APPROVED

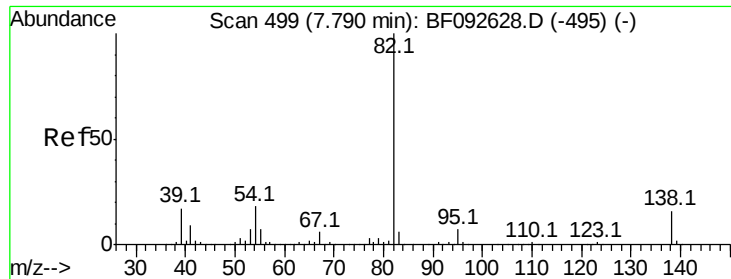
mohammad
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#24
Nitrobenzene
Concen: 46.21 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.2	33.0	49.4
65	13.6	11.2	16.8





#25

Isophorone

Concen: 44.85 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

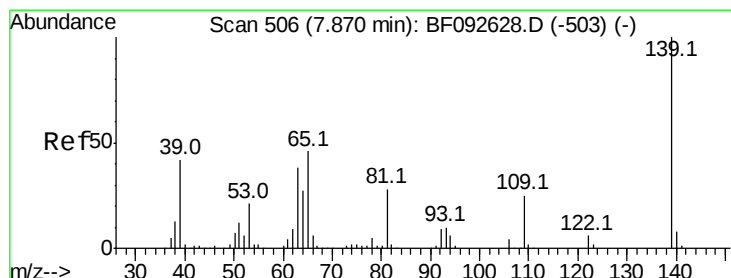
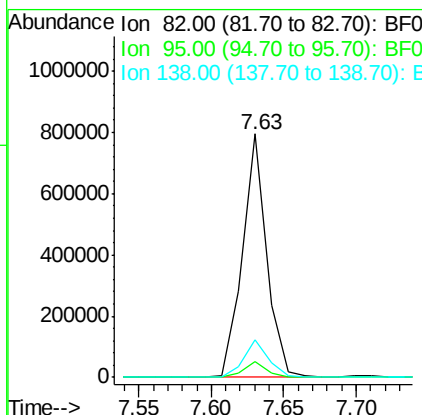
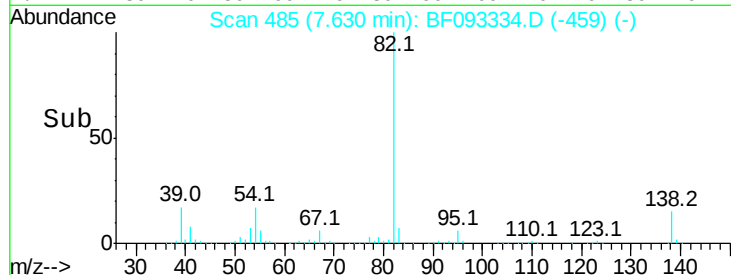
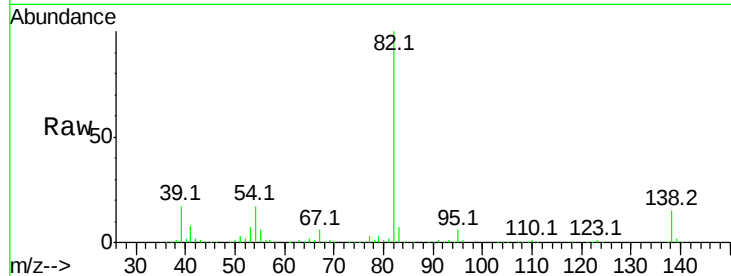
ClientSampleId :

PB97296BS

Tot Ion:	82	Resp:	926974
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.6	8.4
138	15.2	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.43 ng

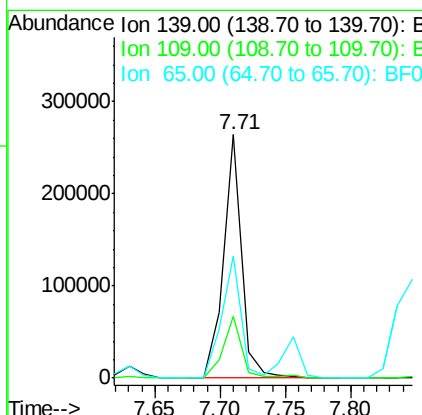
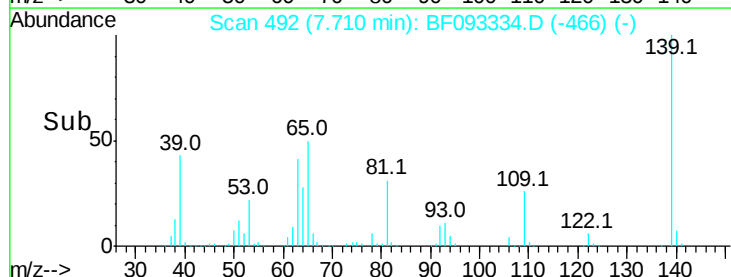
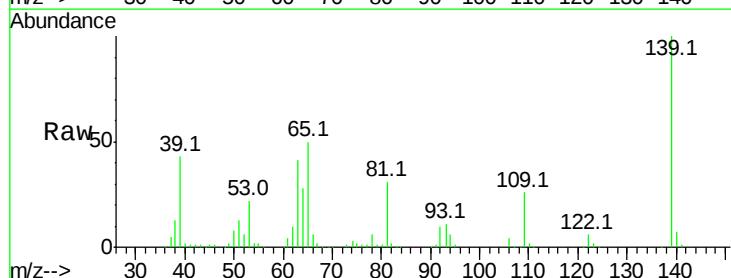
RT: 7.71 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Tgt Ion:	139	Resp:	256816
Ion Ratio	Lower	Upper	
139	100		
109	25.6	23.3	34.9
65	50.3	42.7	64.1





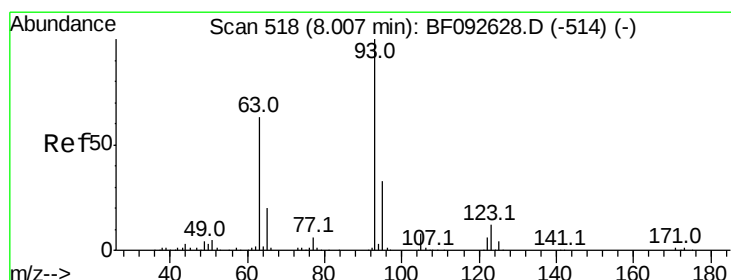
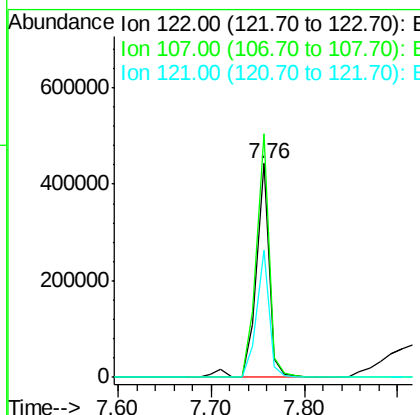
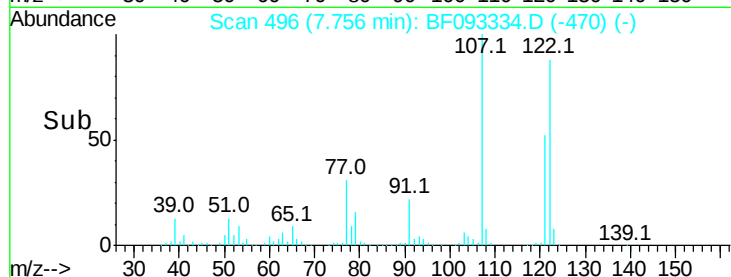
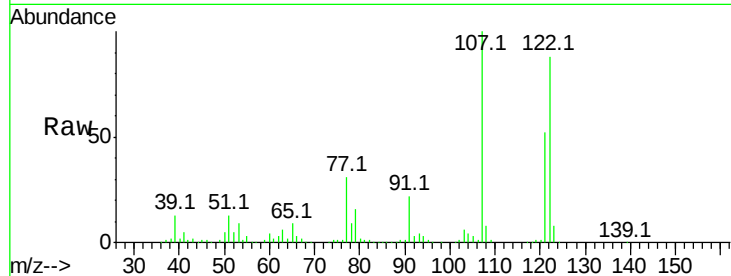
#27
2,4-Dimethylphenol
Concen: 45.45 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB97296BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.7	94.1	141.1
121	59.4	46.0	69.0

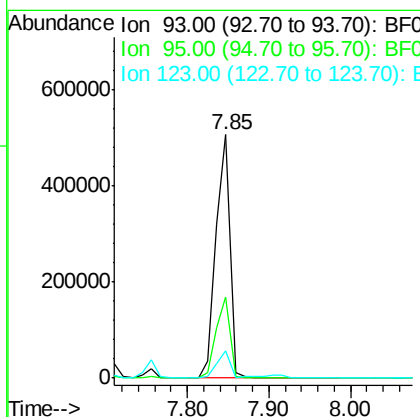
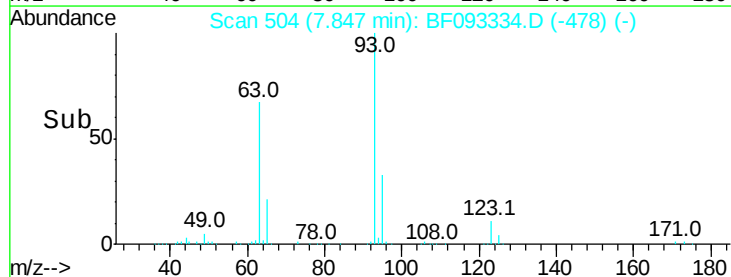
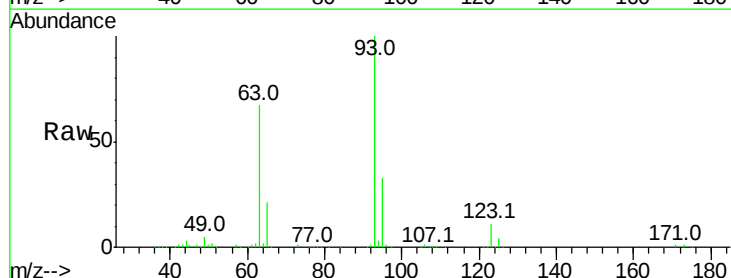
Manual Integrations
APPROVED

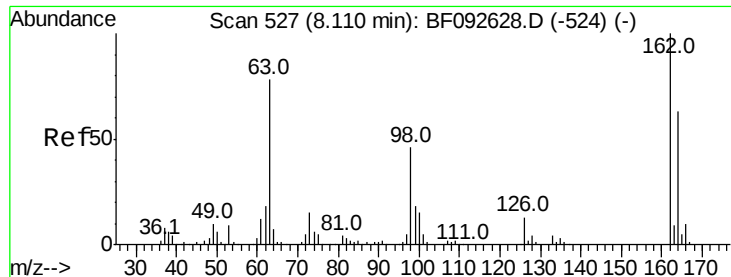
mohammad
3/3/2017 5:16:48 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.28 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.5	39.7
123	11.4	8.6	13.0





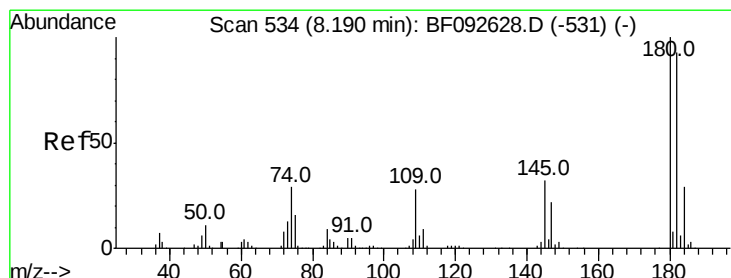
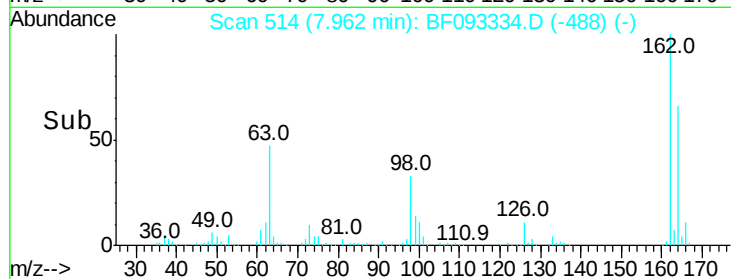
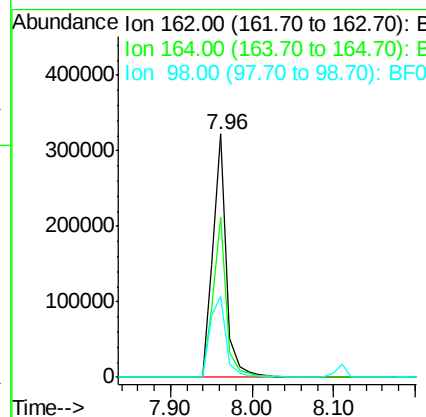
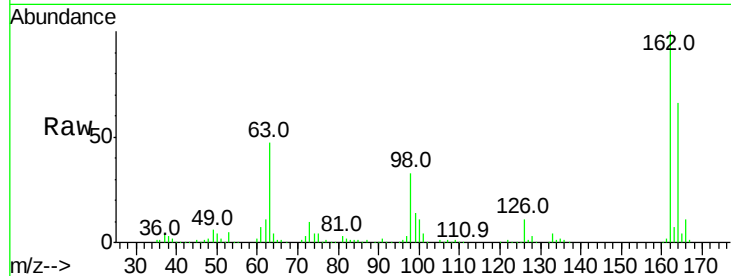
#29
 2,4-Dichlorophenol
 Concen: 42.91 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB97296BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.8	46.8	86.8
98	33.3	9.1	49.1

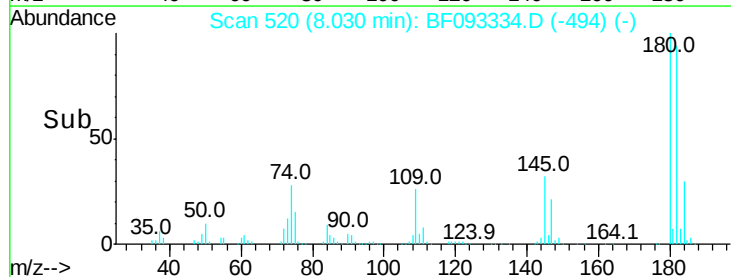
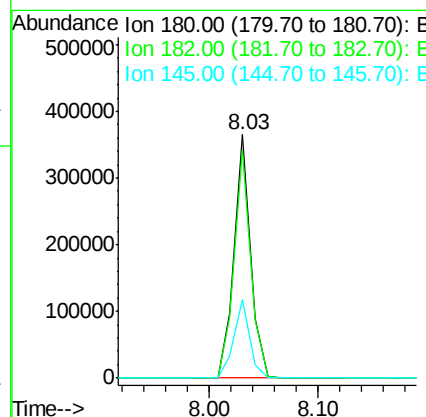
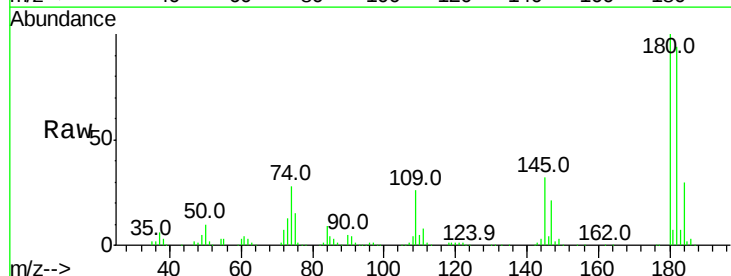
Manual Integrations
 APPROVED

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#30
 1,2,4-Trichlorobenzene
 Concen: 39.93 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.8	78.2	117.4
145	32.3	21.6	32.4





#31

Naphthalene

Concen: 40.09 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB97296BS

Tot Ion:128 Resp: 1255295

Ion Ratio Lower Upper

128 100

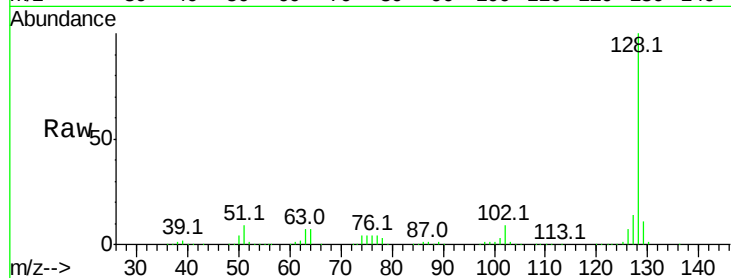
129 11.1 9.5 14.3

127 13.7 10.8 16.2

Manual Integrations
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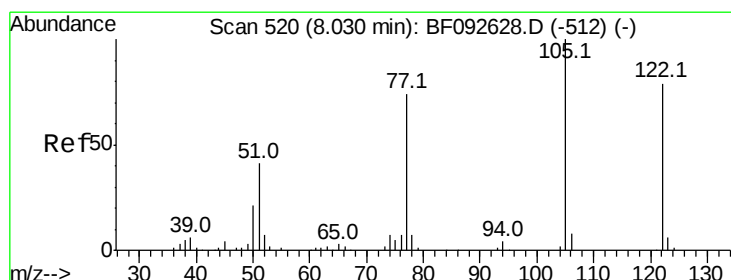
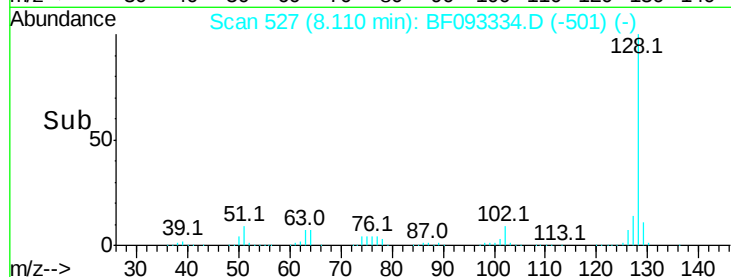
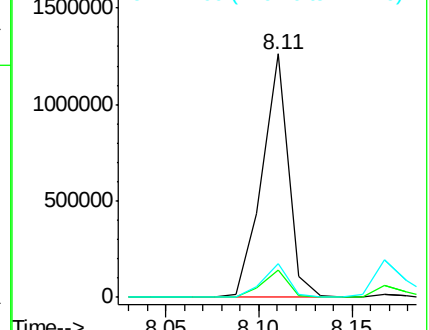
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.01 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

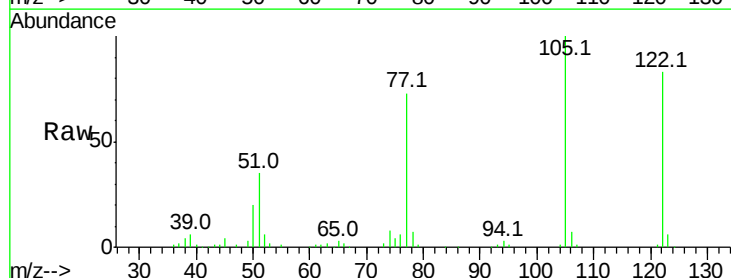
Tgt Ion:122 Resp: 176299

Ion Ratio Lower Upper

122 100

105 120.8 107.2 147.2

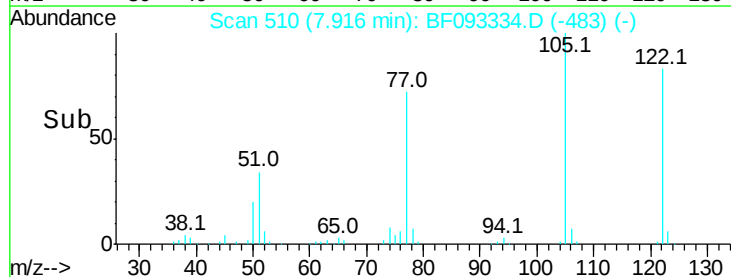
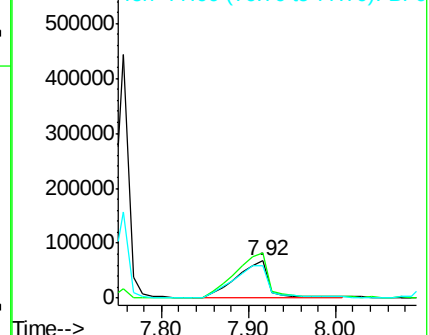
77 88.5 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





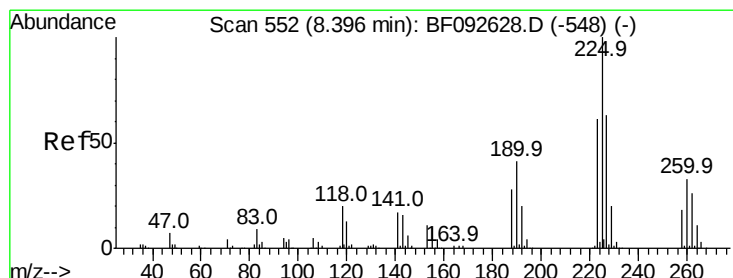
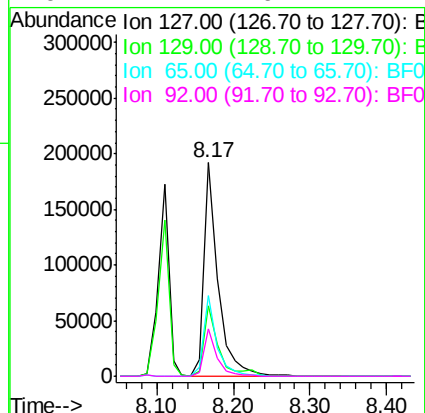
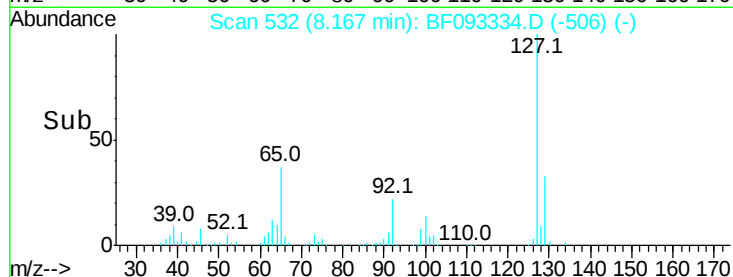
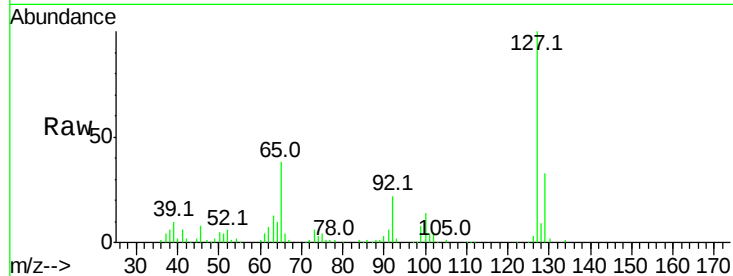
#33
4-Chloroaniline
Concen: 19.94 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB97296BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	26.3	39.5		
65	38.0	25.8	38.8		
92	22.1	16.1	24.1		

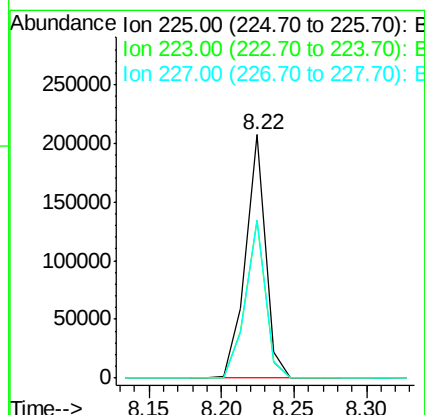
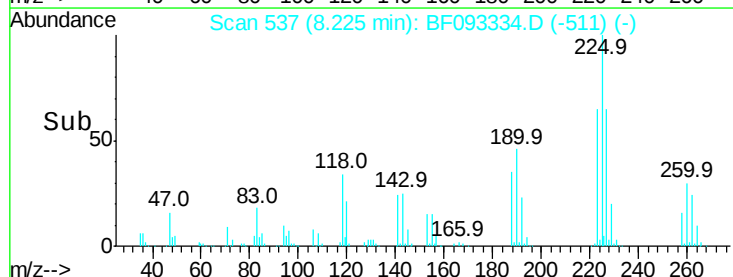
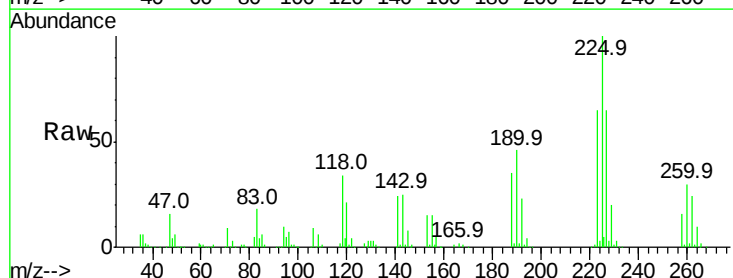
Manual Integrations
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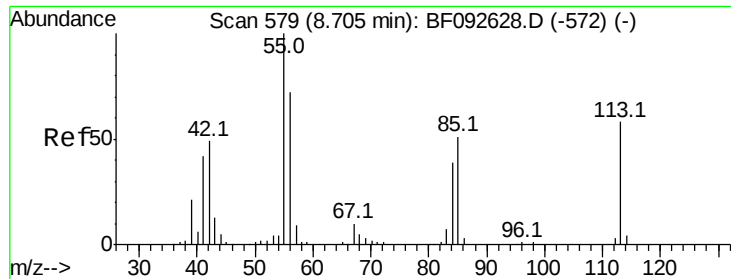
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#34
Hexachlorobutadiene
Concen: 38.01 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.7	51.0	76.6		
227	64.8	50.6	76.0		





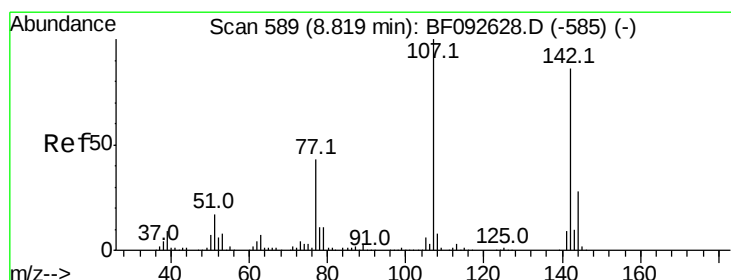
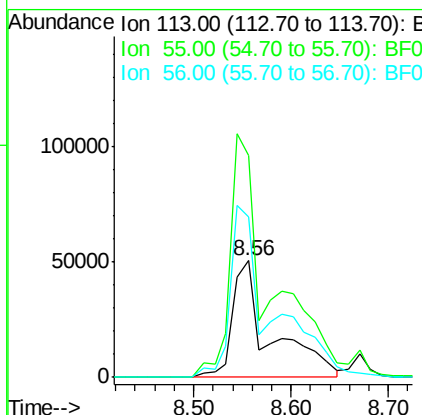
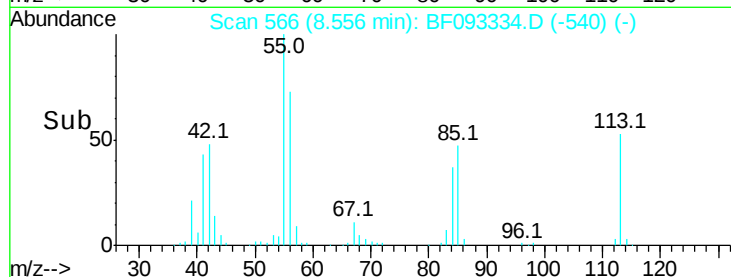
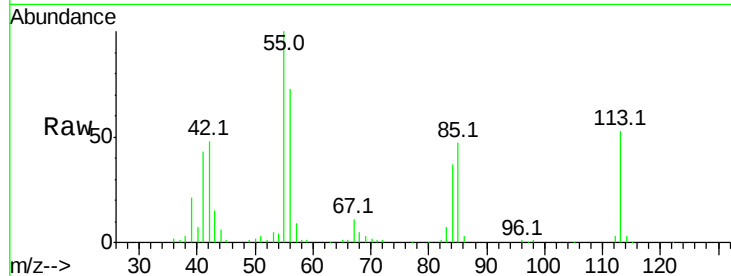
#35
 Caprolactam
 Concen: 48.59 ng/ml
 RT: 8.56 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB97296BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	189.8	119.2	159.2#
56	137.8	83.8	123.8#

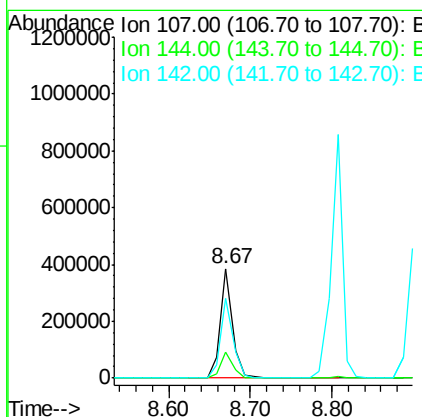
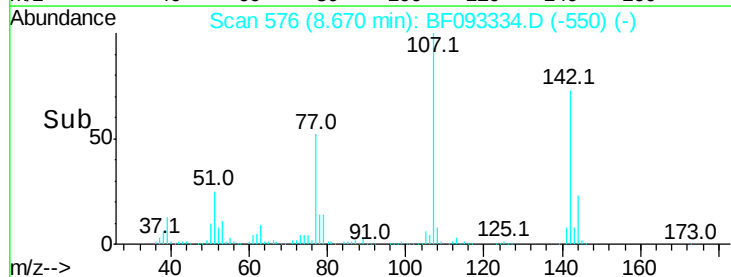
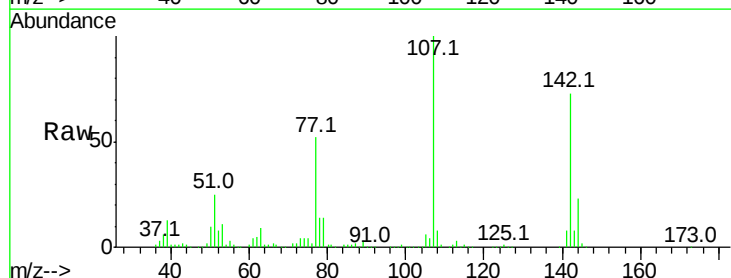
Manual Integrations
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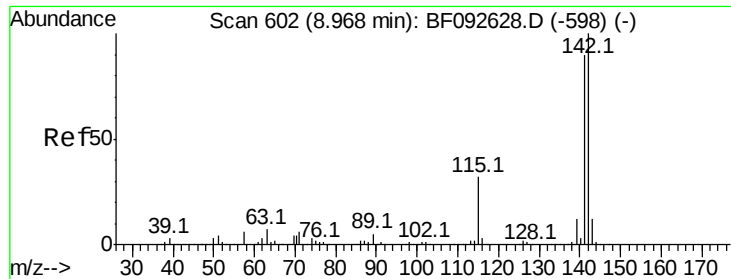
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#36
 4-Chloro-3-methylphenol
 Concen: 43.14 ng/ml
 RT: 8.67 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	19.3	28.9
142	73.3	59.0	88.6





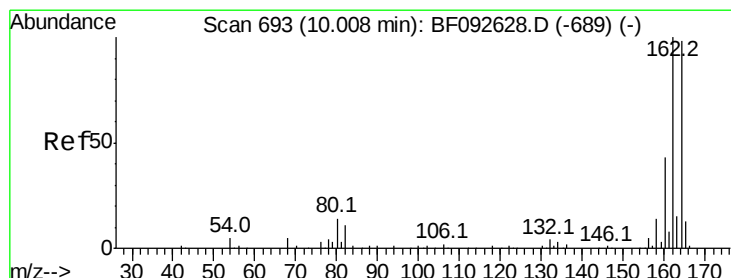
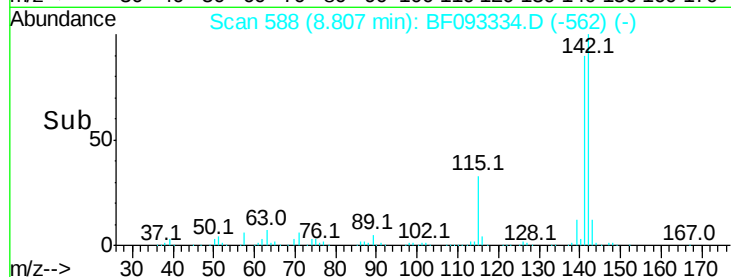
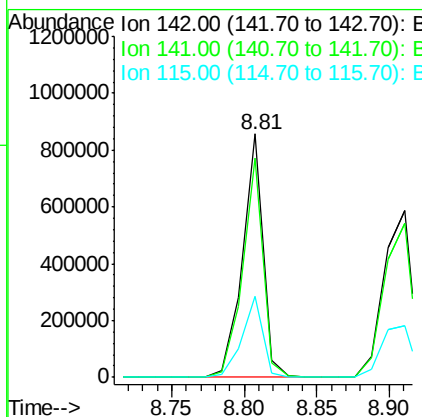
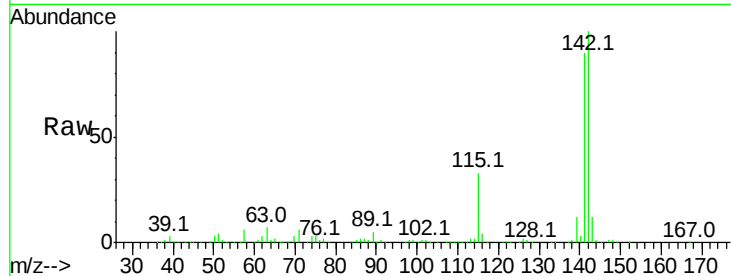
#37
2-Methylnaphthalene
Concen: 41.86 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB97296BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.0	106.6
115	33.1	28.3	42.5

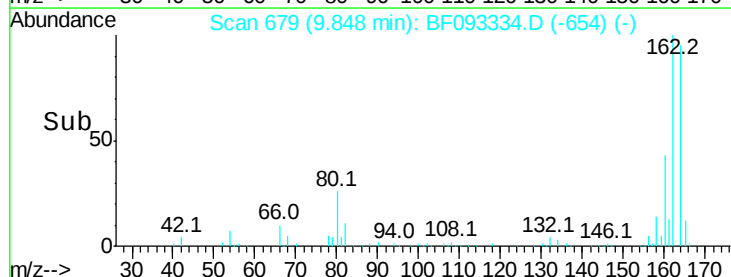
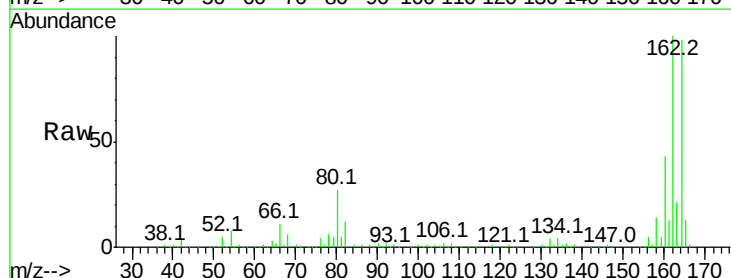
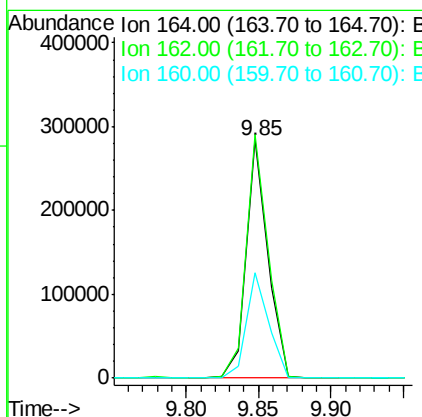
Manual Integrations
APPROVED

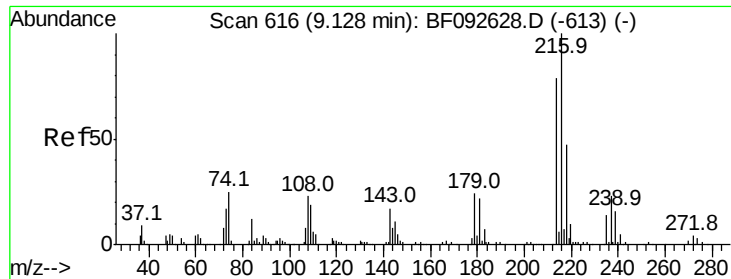
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.2	120.2
160	44.4	36.9	55.3





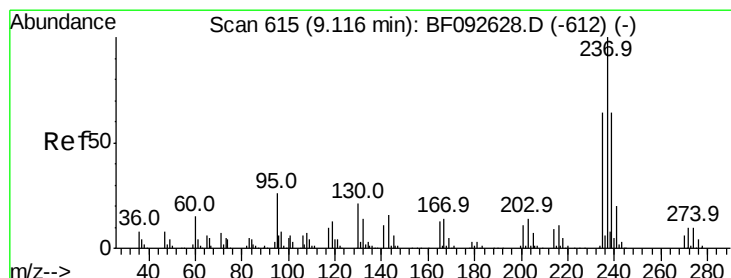
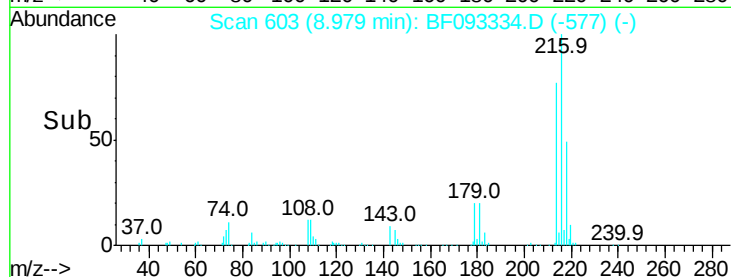
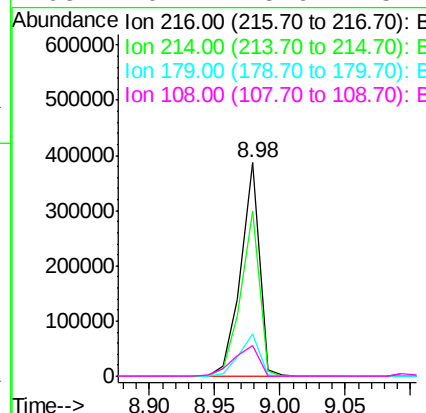
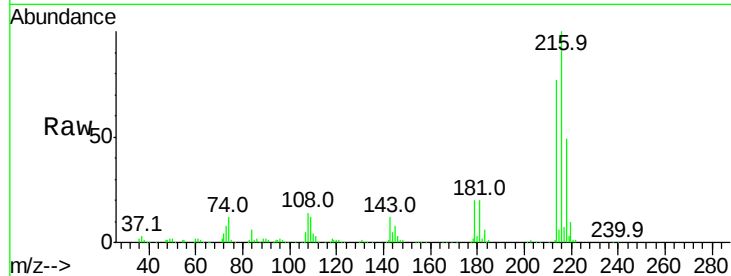
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.63 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB97296BS

Tot Ion:	216	Resp:	384279
Ion Ratio	Lower	Upper	
216	100		
214	77.7	63.4	95.0
179	21.3	17.4	26.2
108	19.7	15.6	23.4

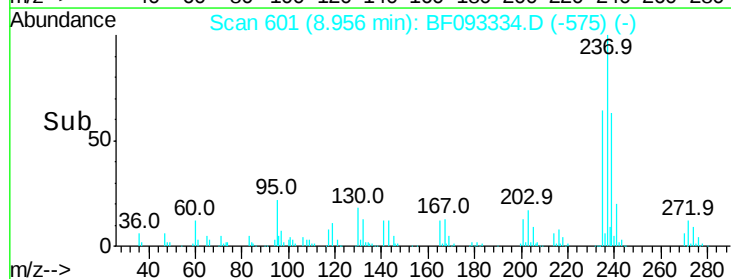
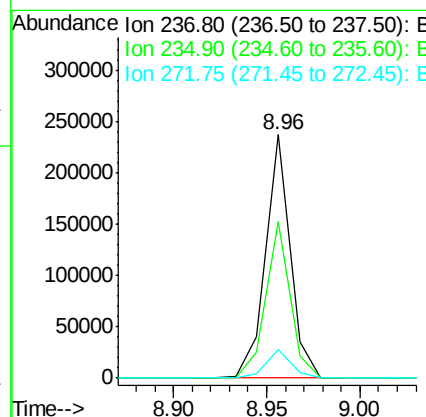
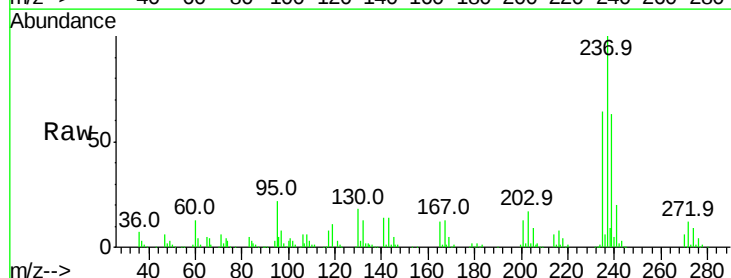
Manual Integrations
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#40
 Hexachlorocyclopentadiene
 Concen: 58.21 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Tgt Ion:	237	Resp:	216432
Ion Ratio	Lower	Upper	
237	100		
235	64.1	41.2	81.2
272	12.0	0.0	35.4





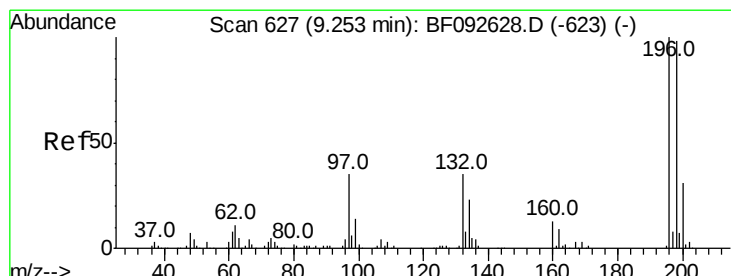
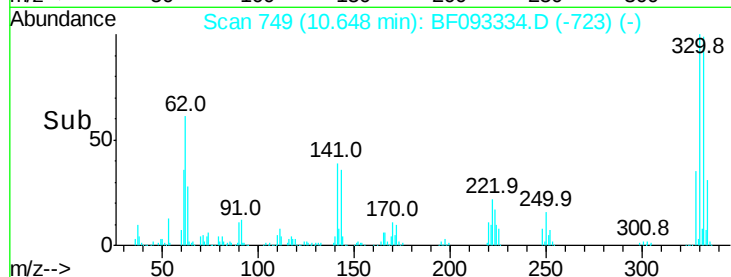
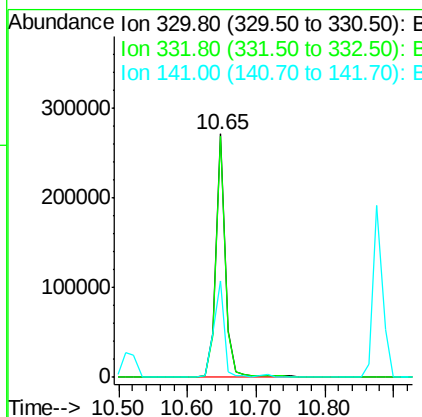
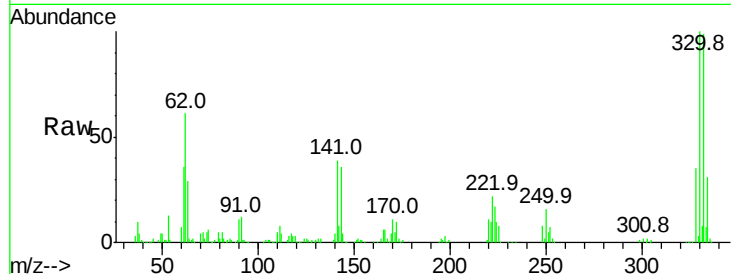
#41
 2,4,6-Tribromophenol
 Concen: 128.84 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB97296BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	273548		
332	98.7	77.4	116.2	
141	42.6	34.1	51.1	

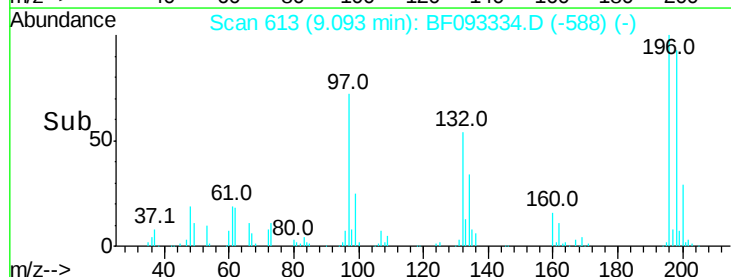
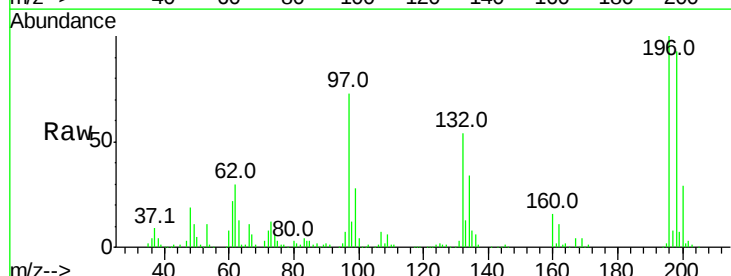
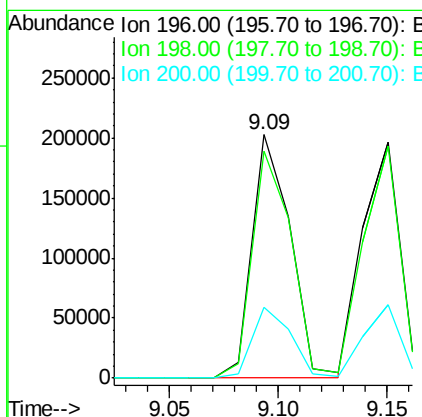
Manual Integrations
 APPROVED

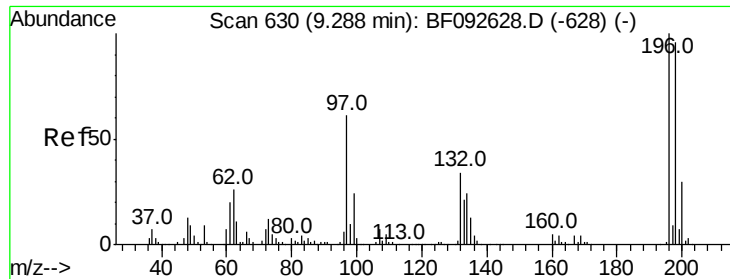
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#42
 2,4,6-Trichlorophenol
 Concen: 46.15 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	249890		
198	93.1	82.1	123.1	
200	28.9	27.0	40.4	





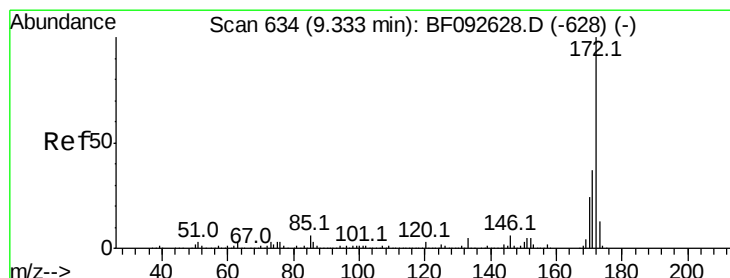
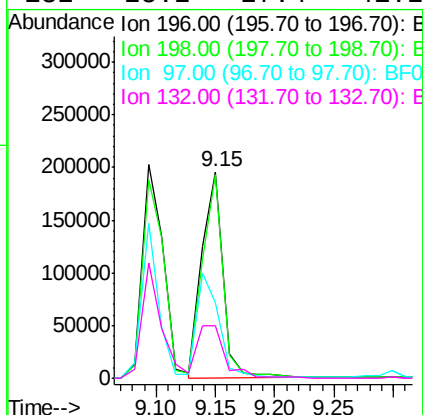
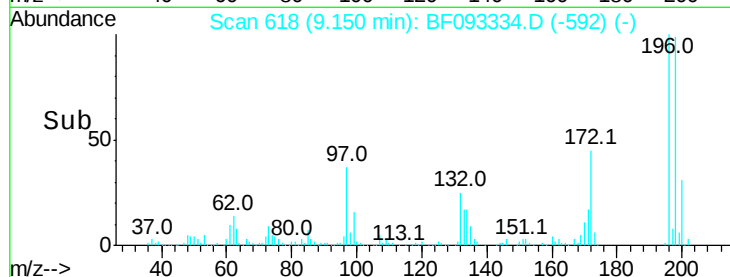
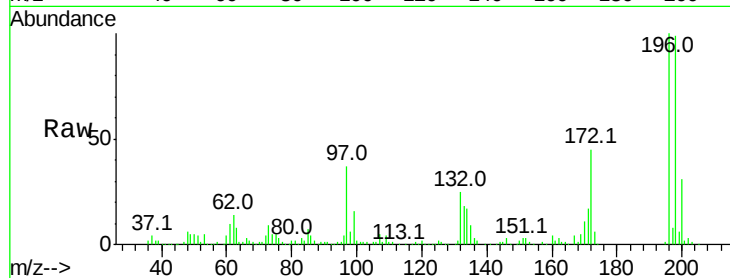
#43
 2,4,5-Trichlorophenol
 Concen: 41.20 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB97296BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	244445		
198	98.7	79.4	119.2	
97	36.8	51.5	77.3	
132	25.2	27.4	41.2	

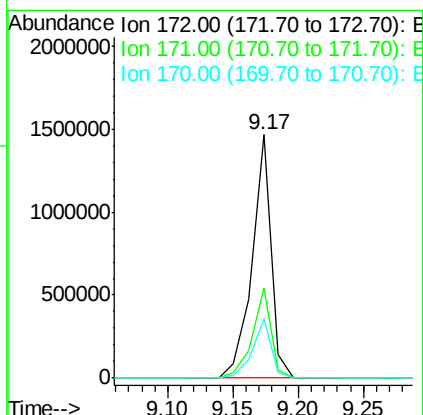
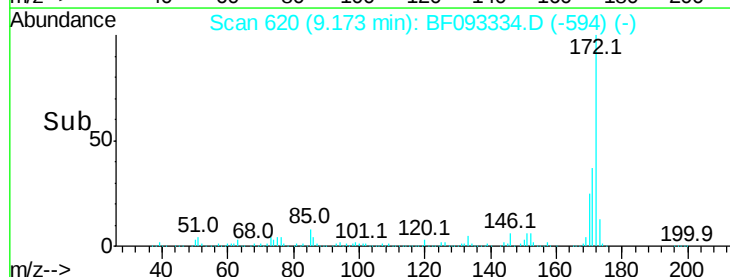
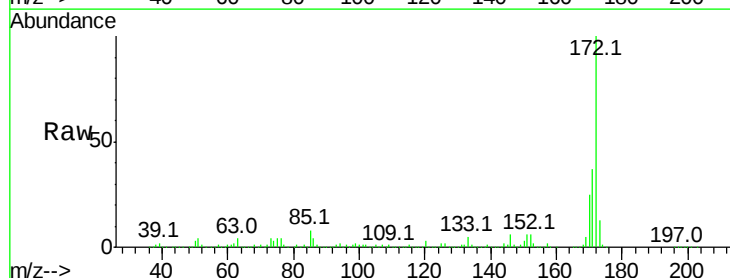
Manual Integrations
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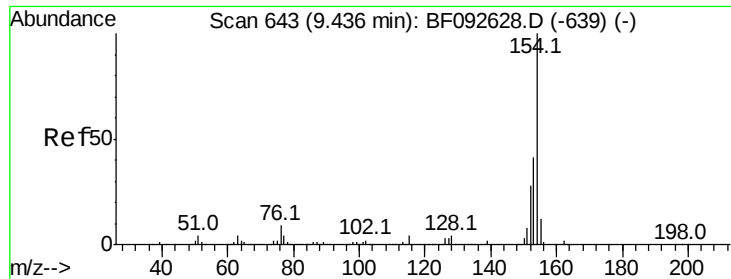
mohammad
 3/3/2017 5:16:48 PM



#44
 2-Fluorobiphenyl
 Concen: 91.95 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1490031		
171	36.7	29.4	44.0	
170	24.6	20.2	30.4	





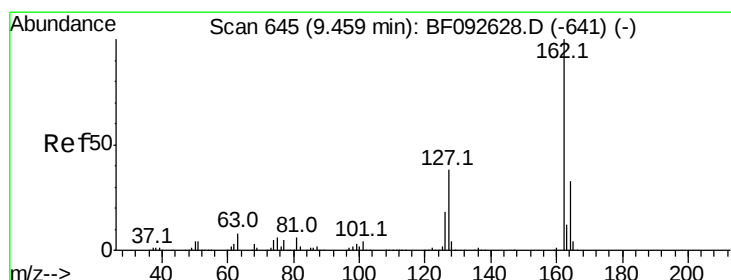
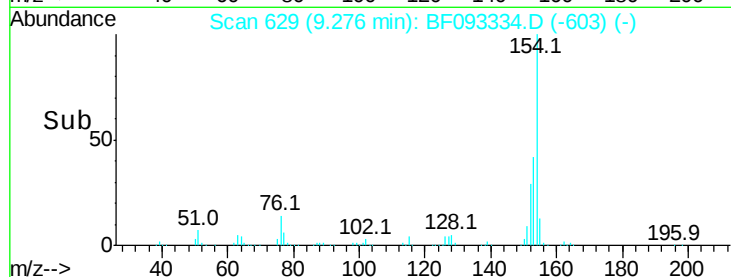
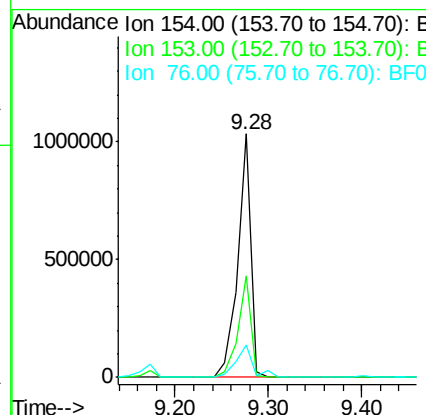
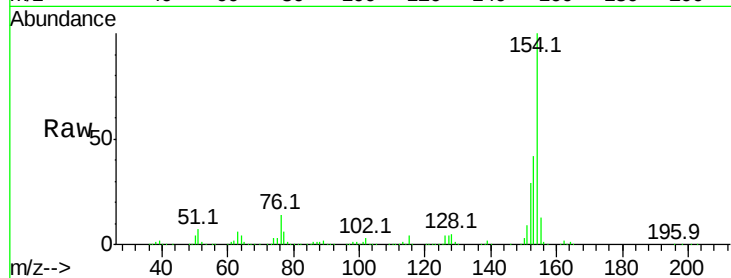
#45
 1,1'-Biphenyl
 Concen: 47.97 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Instrument :
 BNA_F
 ClientSampled :
 PB97296BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.9	60.9
76	13.5	0.0	30.5

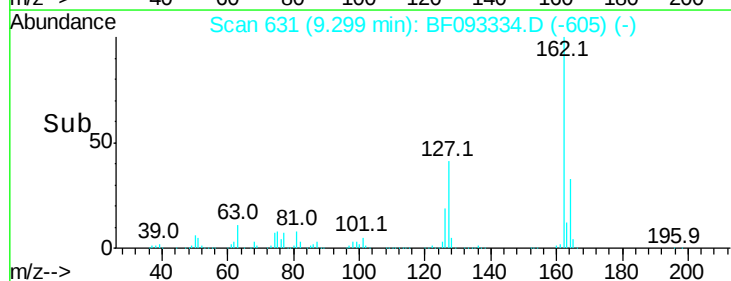
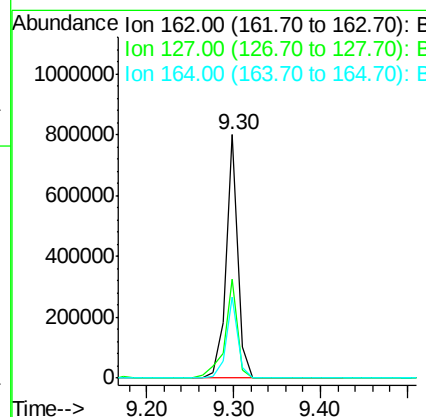
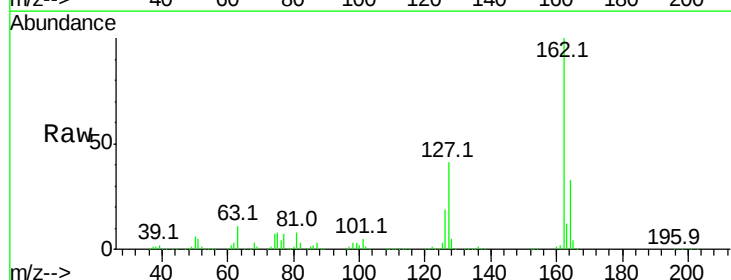
Manual Integrations
 APPROVED

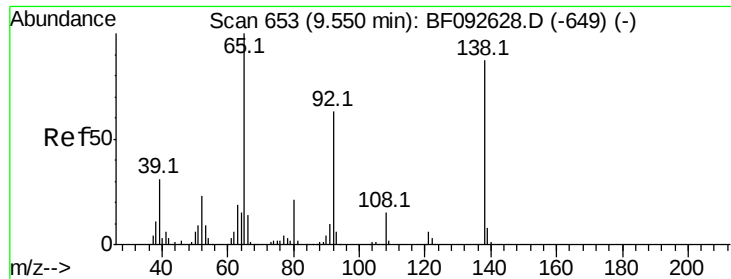
mohammad
 3/3/2017 5:16:48 PM



#46
 2-Chloronaphthalene
 Concen: 45.96 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.8	30.7	46.1
164	33.2	27.6	41.4





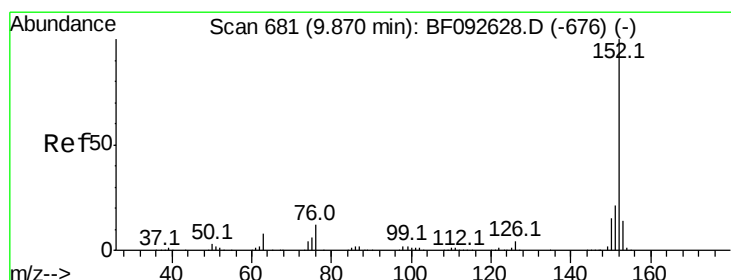
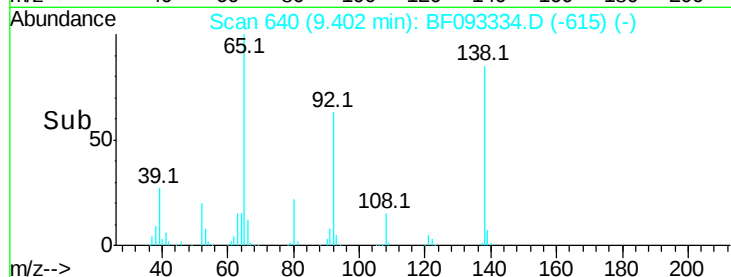
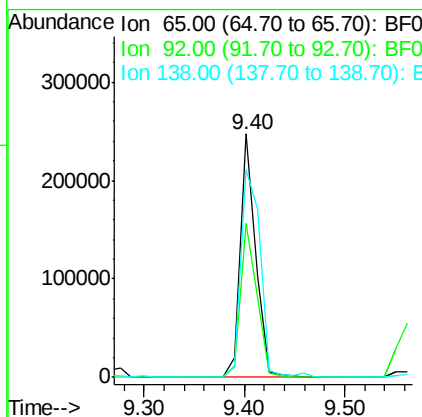
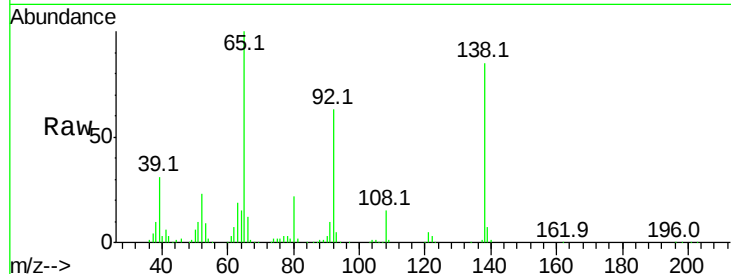
#47
2-Nitroaniline
Concen: 47.16 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB97296BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.4	53.9	80.9
138	85.4	76.8	115.2

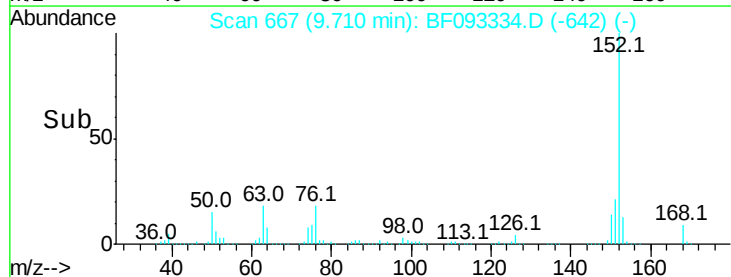
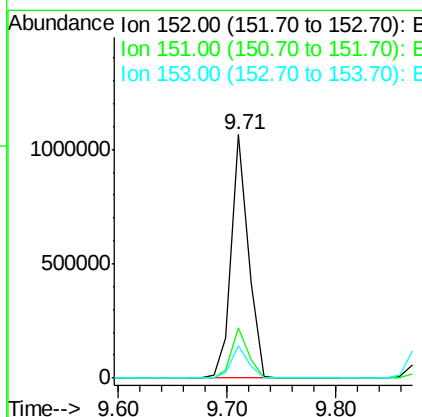
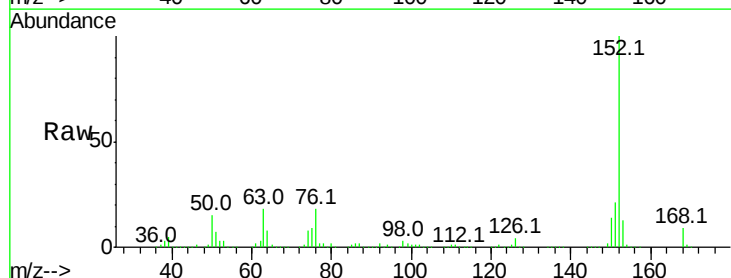
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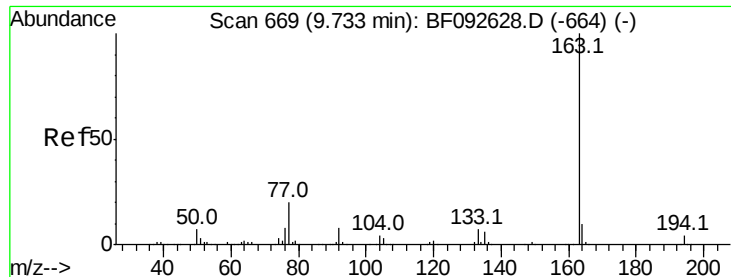
mohammad
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#48
Acenaphthylene
Concen: 40.14 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

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





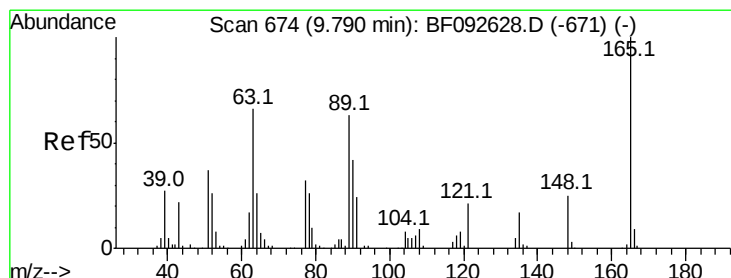
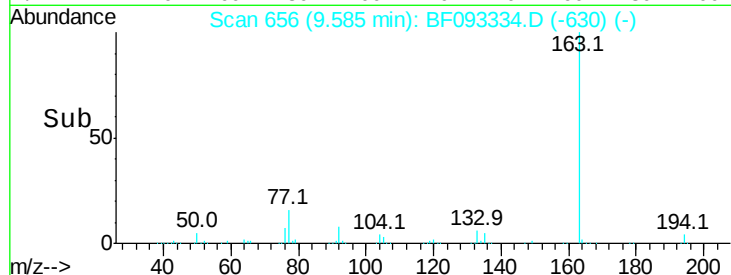
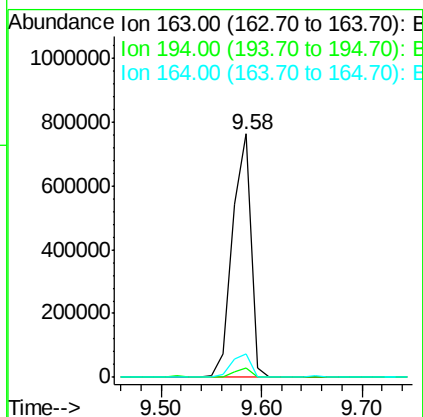
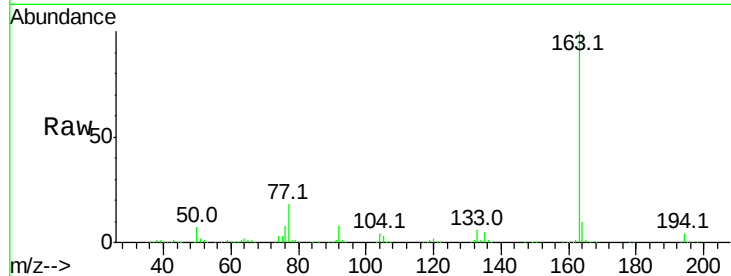
#49
Dimethylphthalate
Concen: 49.14 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Instrument :
BNA_F
ClientSampled :
PB97296BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	971740		
194	3.6		3.0	4.4
164	9.9		8.0	12.0

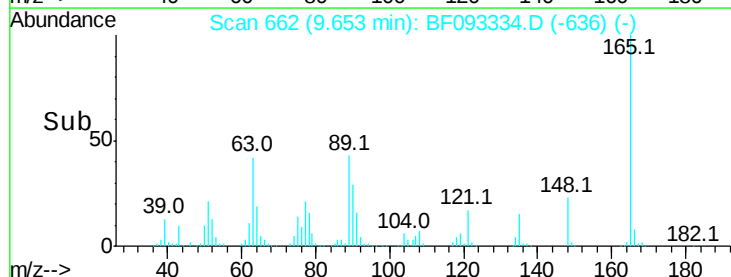
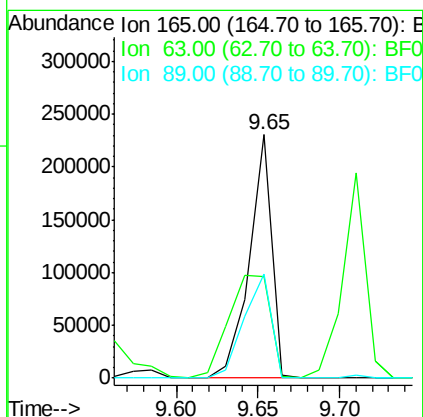
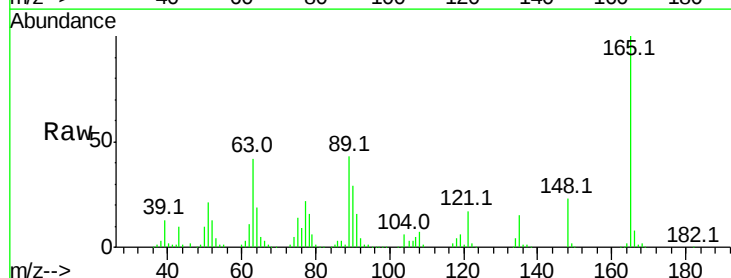
Manual Integrations
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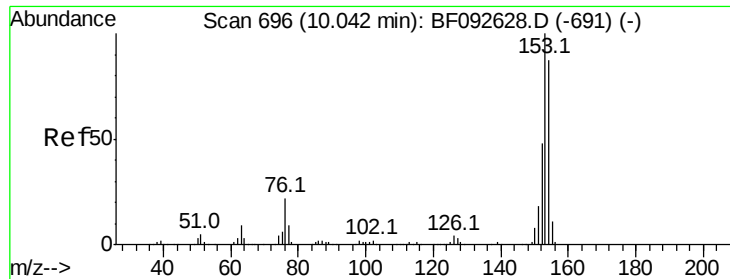
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#50
2,6-Dinitrotoluene
Concen: 51.27 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	218937		
63	41.6		36.2	54.4
89	42.9		40.2	60.4





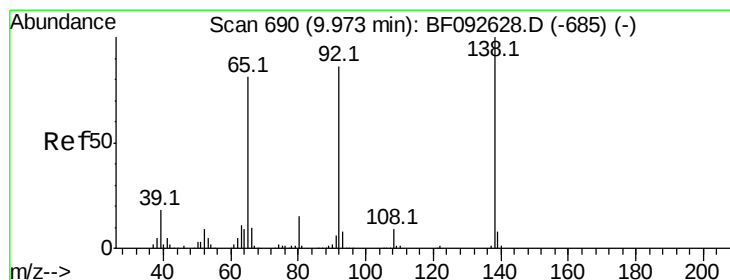
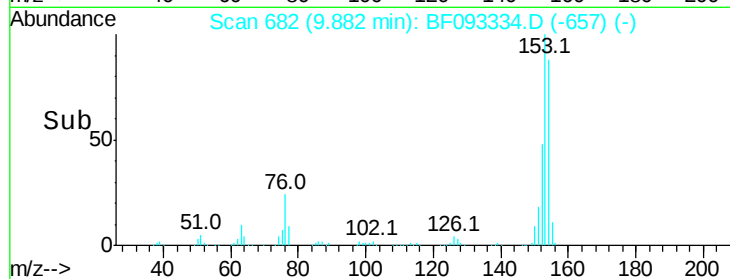
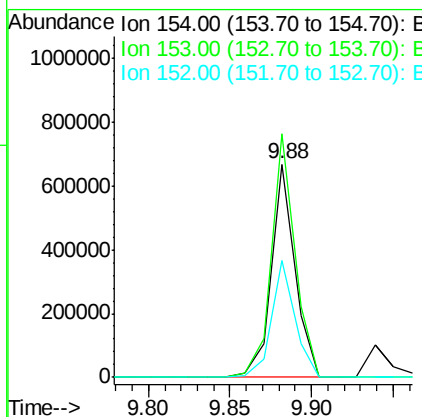
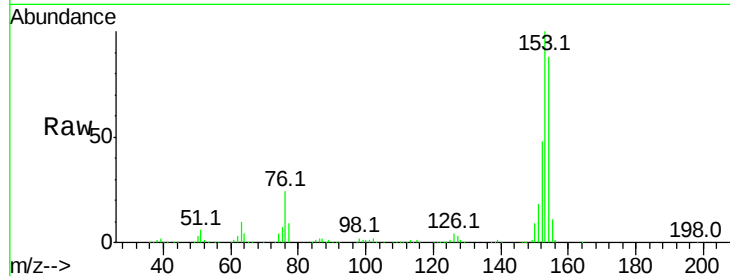
#51
Acenaphthene
Concen: 39.23 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Instrument :
BNA_F
ClientSampled :
PB97296BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.2	88.6	133.0
152	54.7	41.6	62.4

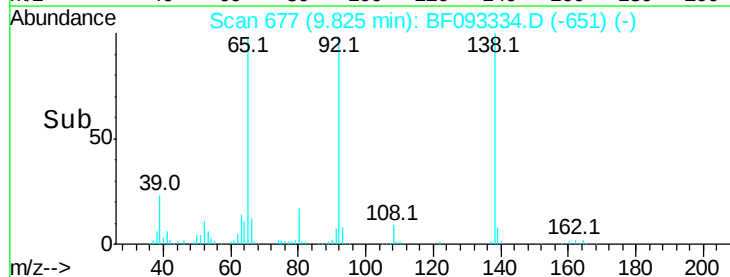
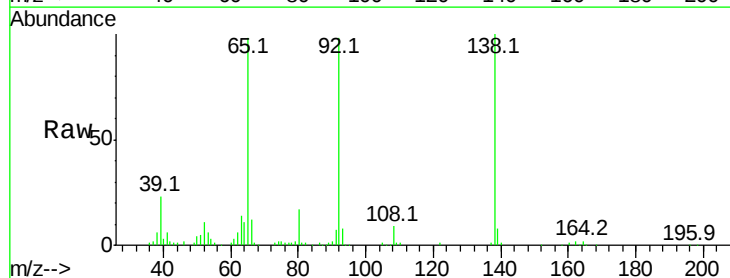
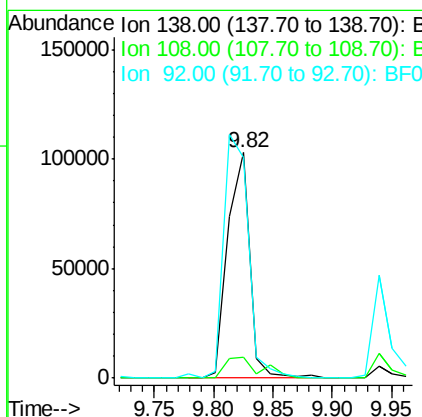
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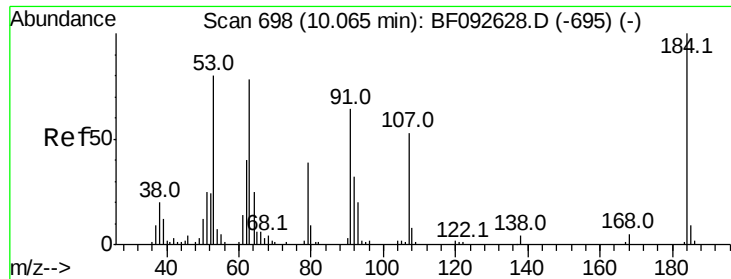
mohammad
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#52
3-Nitroaniline
Concen: 27.19 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.4	8.5	12.7
92	98.1	97.8	146.8





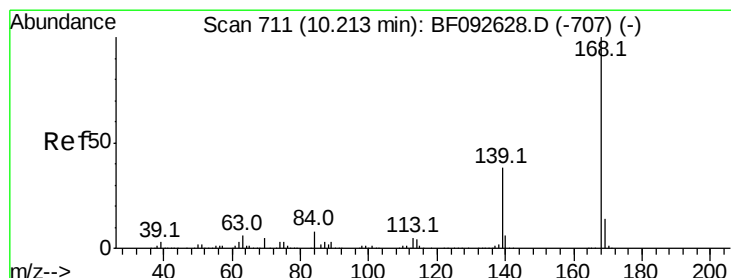
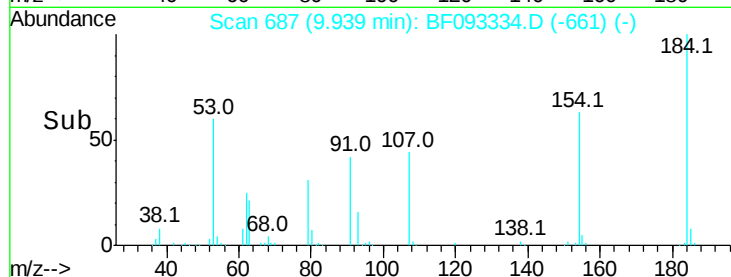
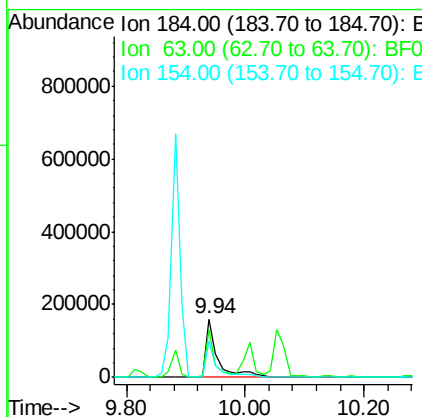
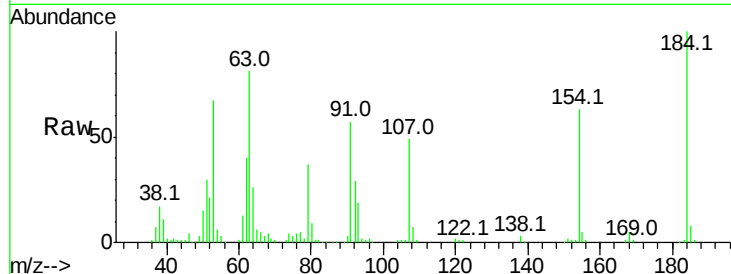
#53
 2,4-Dinitrophenol
 Concen: 104.19 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB97296BS

Tot Ion:184 Resp: 229631
 Ion Ratio Lower Upper
 184 100
 63 81.1 28.4 42.6#
 154 62.7 44.3 66.5

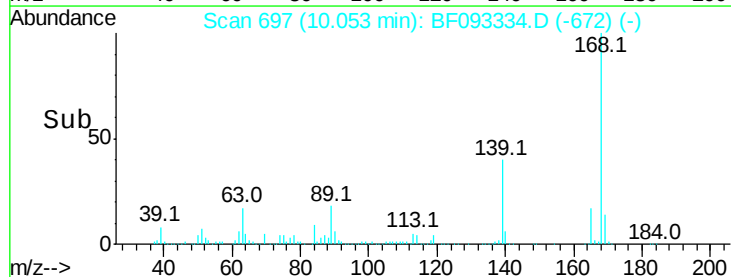
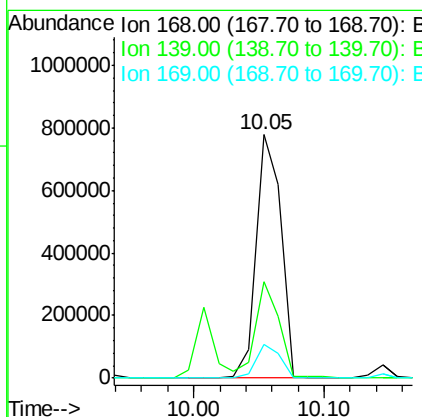
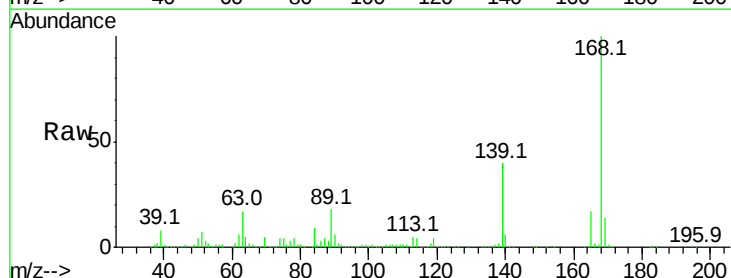
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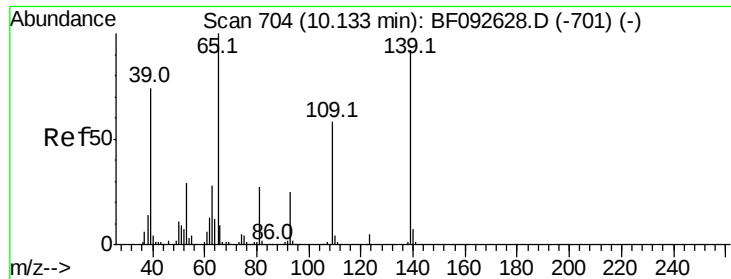
mohammad
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#54
 Dibenzofuran
 Concen: 44.67 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.01 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Tgt Ion:168 Resp: 1026088
 Ion Ratio Lower Upper
 168 100
 139 39.9 32.6 49.0
 169 13.8 11.3 16.9





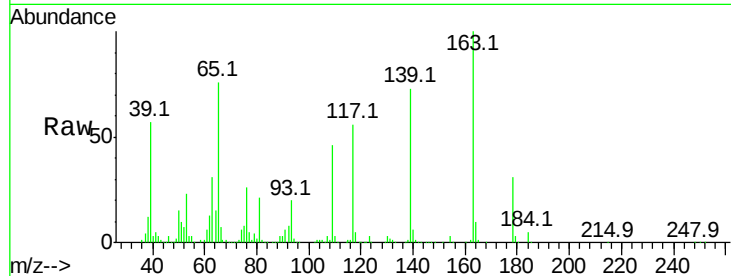
#55
4-Nitrophenol
Concen: 62.65 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB97296BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	63.6	52.2	92.2	
65	104.4	85.8	125.8	

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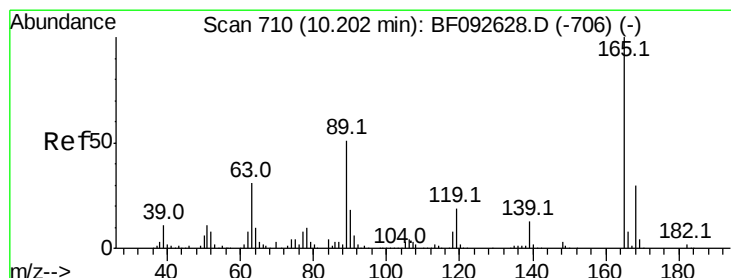
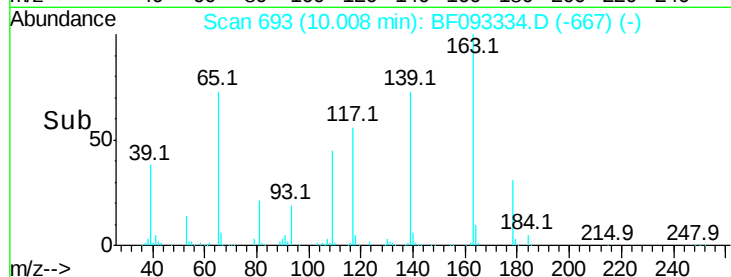
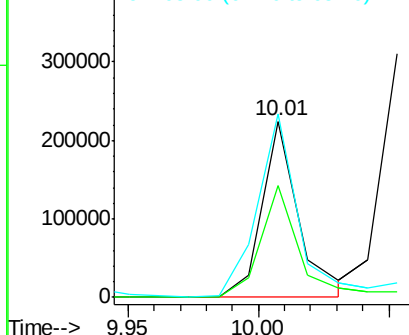


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 47.09 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	36.1	40.2	60.4#	
89	55.3	62.5	93.7#	
182	2.5	1.8	2.8	

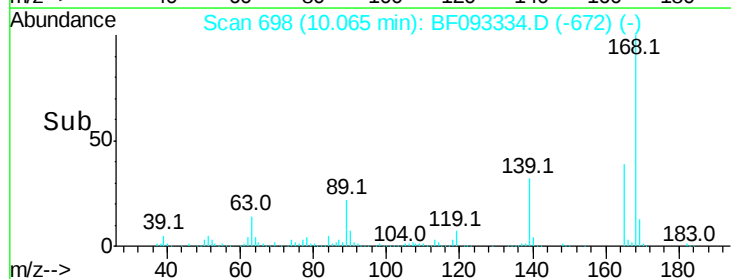
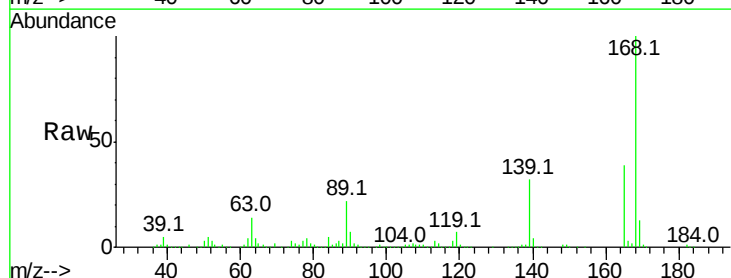
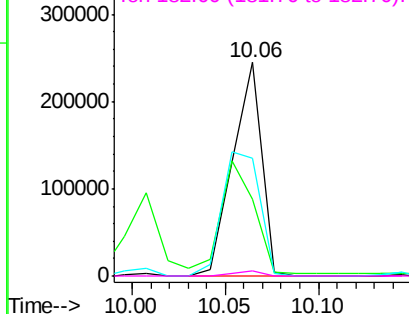
Abundance

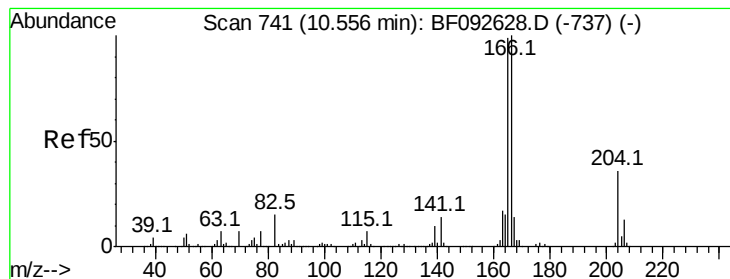
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.60 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

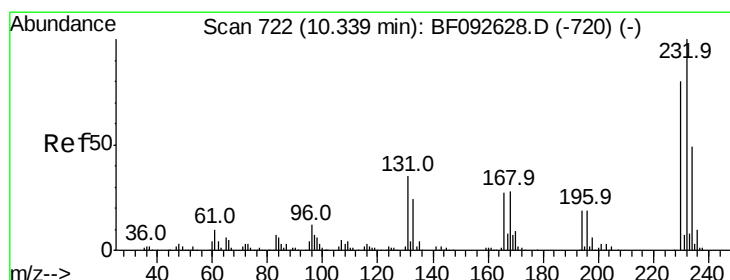
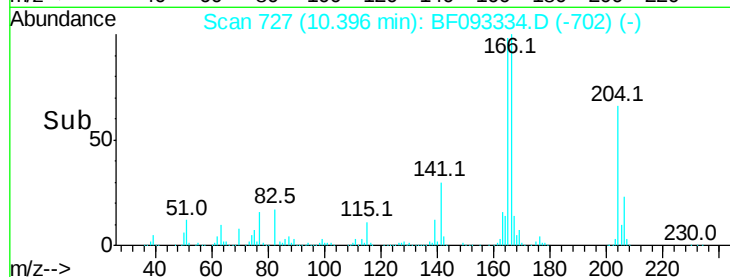
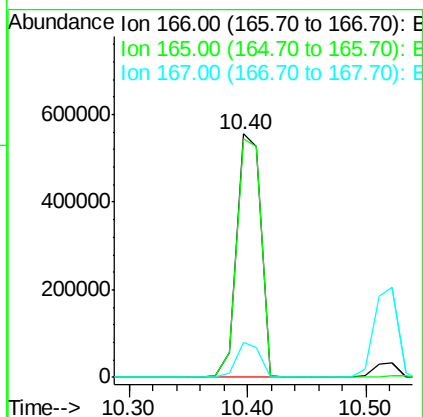
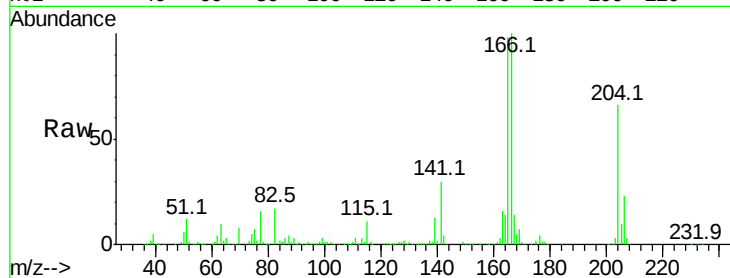
ClientSampleId :

PB97296BS

Tot Ion:	166	Resp:	788287
Ion Ratio	Lower	Upper	
166	100		
165	97.8	77.8	116.8
167	14.2	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 52.43 ng

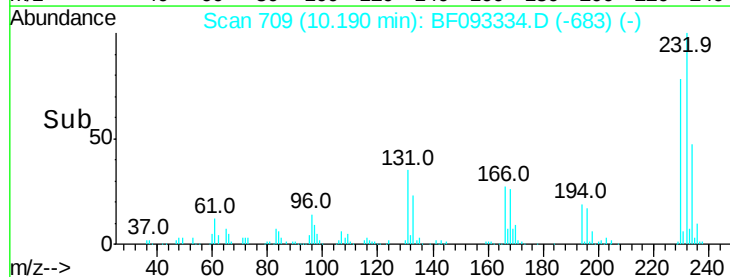
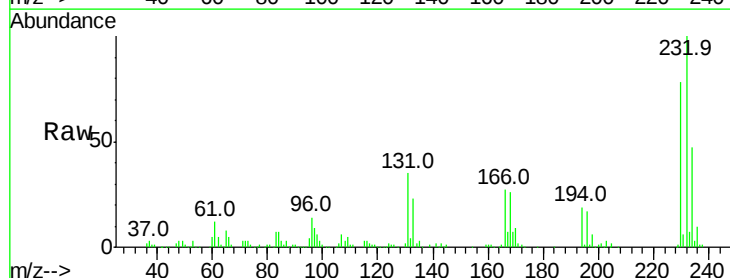
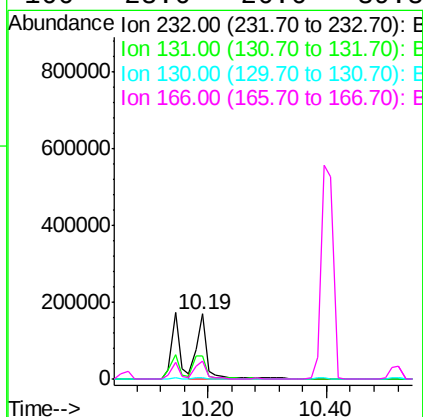
RT: 10.19 min Scan# 709

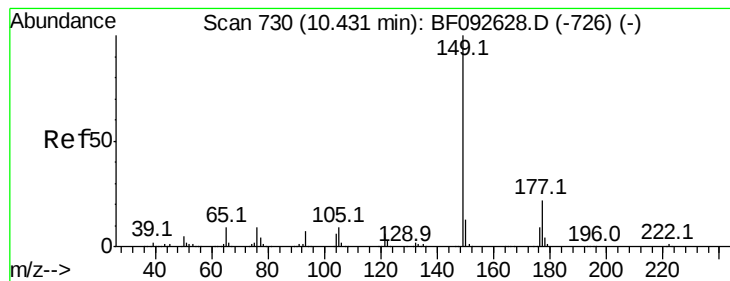
Delta R.T. -0.00 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Tgt Ion:	232	Resp:	207492
Ion Ratio	Lower	Upper	
232	100		
131	44.6	40.1	60.1
130	2.1	1.8	2.8
166	28.6	26.6	39.8





#59

Diethylphthalate

Concen: 51.26 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

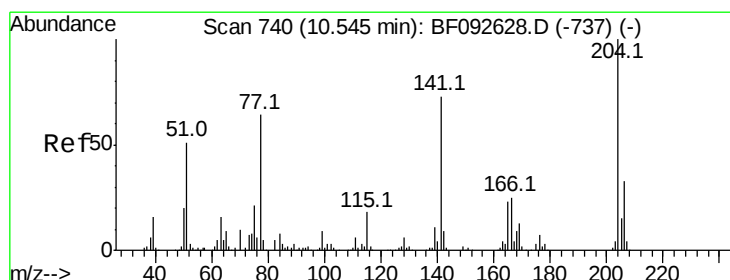
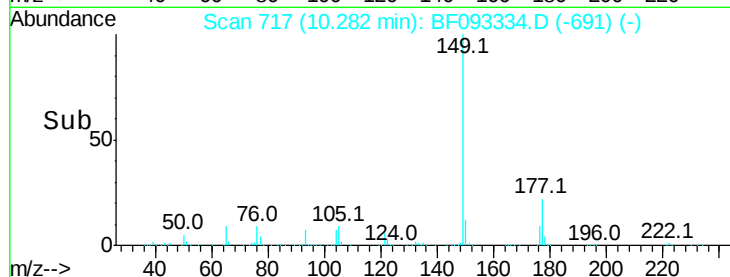
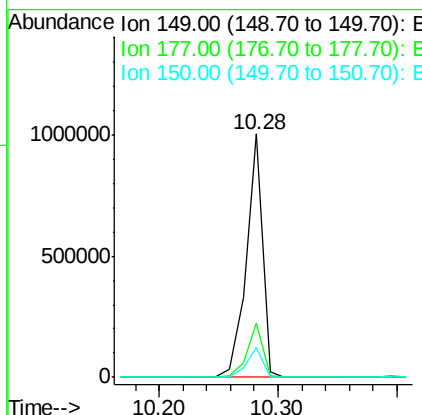
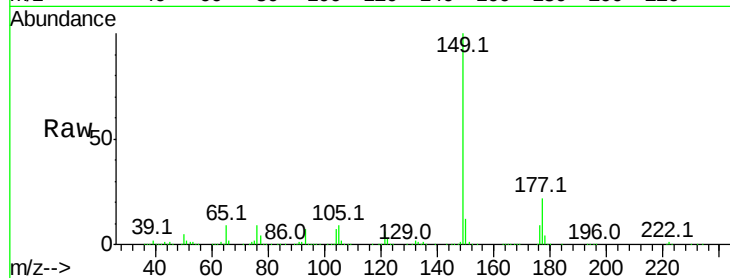
ClientSampled :

PB97296BS

Tot Ion:	149	Resp:	955150
Ion Ratio	Lower	Upper	
149	100		
177	22.5	16.6	25.0
150	12.2	10.4	15.6

Manual Integrations
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#60

4-Chlorophenyl-phenylether

Concen: 46.26 ng

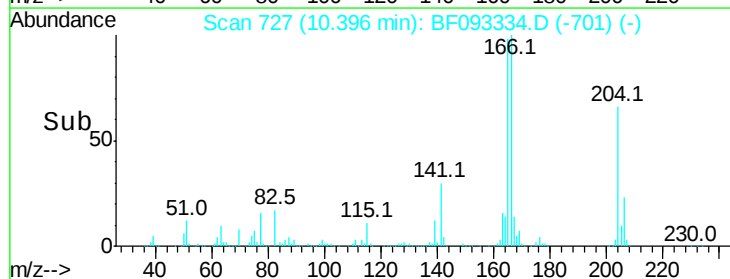
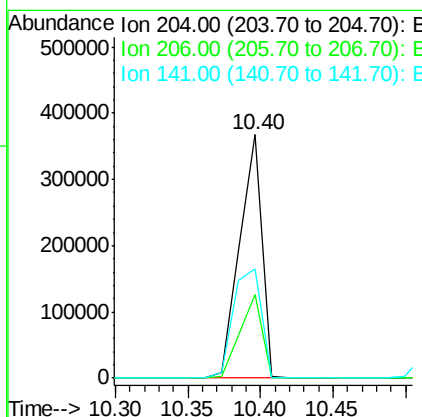
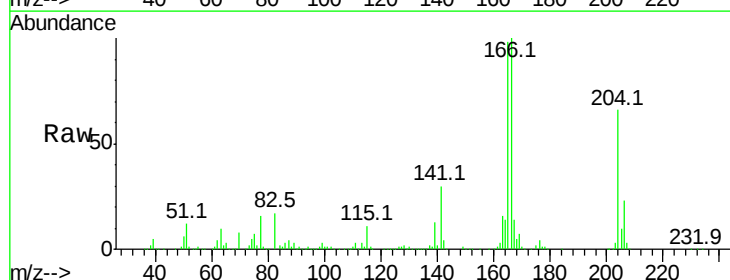
RT: 10.40 min Scan# 727

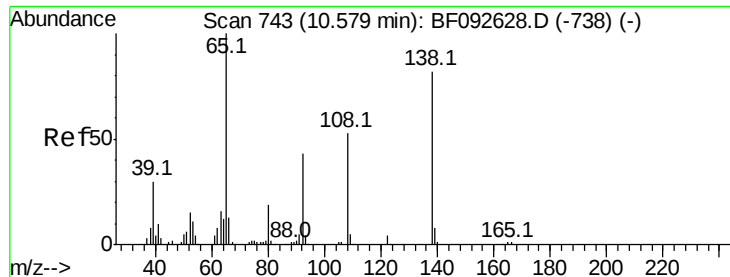
Delta R.T. -0.00 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Tgt Ion:	204	Resp:	392759
Ion Ratio	Lower	Upper	
204	100		
206	34.6	25.8	38.6
141	45.1	59.4	89.0#





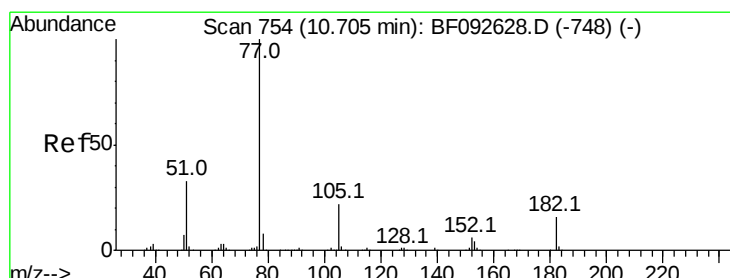
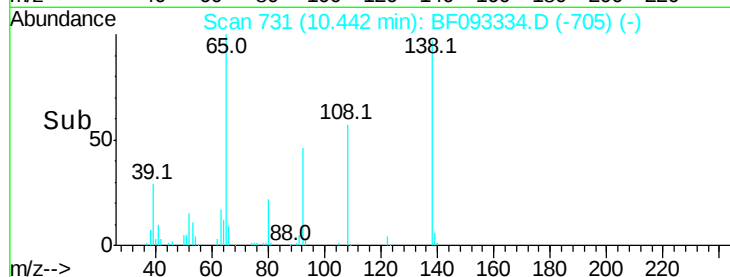
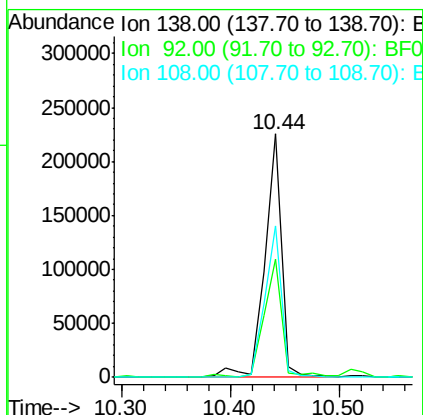
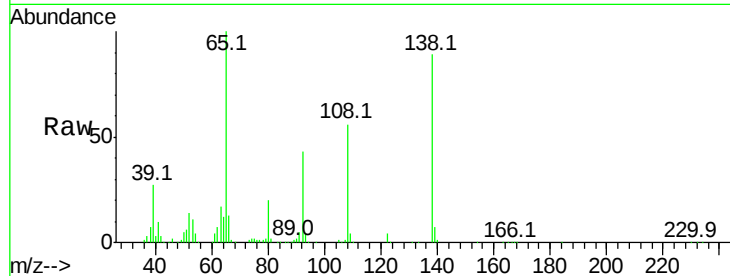
#61
4-Nitroaniline
Concen: 49.05 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB97296BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.5	31.7	71.7
108	62.2	52.6	92.6

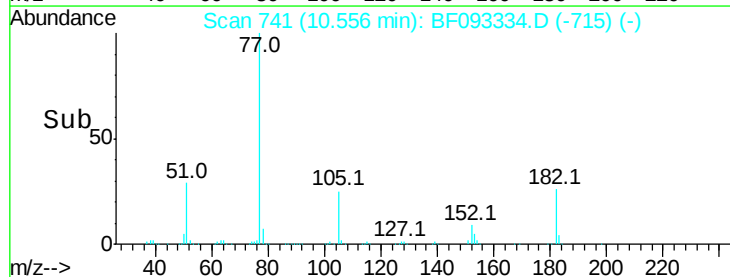
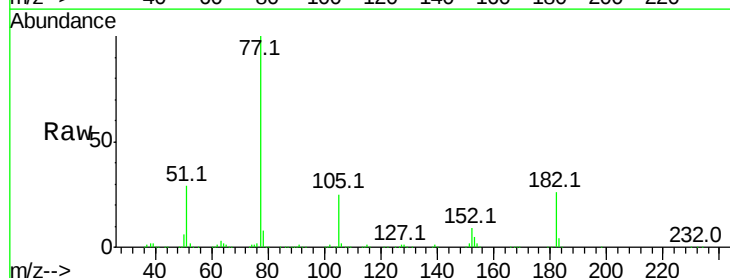
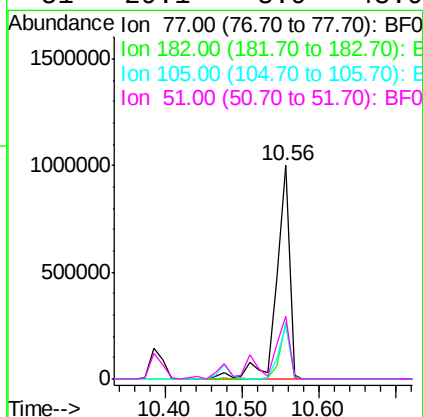
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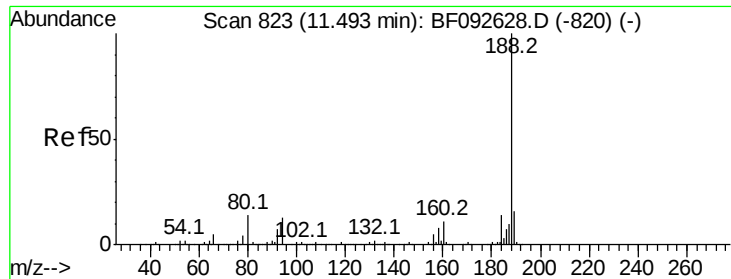
mohammad
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#62
Azobenzene
Concen: 60.21 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.2	0.0	39.3
105	25.1	2.3	42.3
51	29.1	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

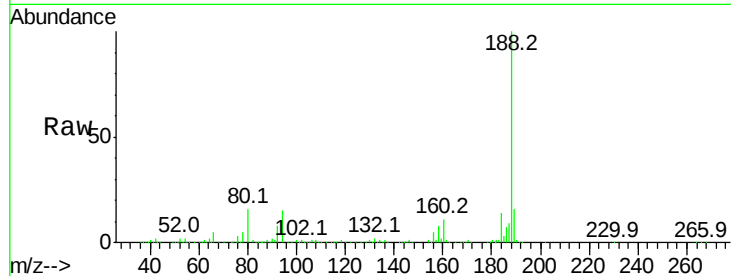
ClientSampleId :

PB97296BS

Tot Ion:	188	Resp:	534526
Ion Ratio	Lower	Upper	
188	100		
94	14.6	10.0	15.0
80	16.0	11.2	16.8

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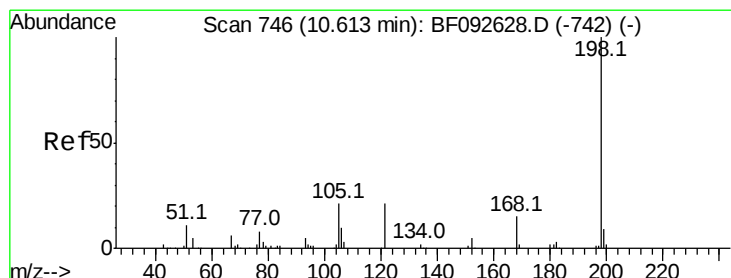
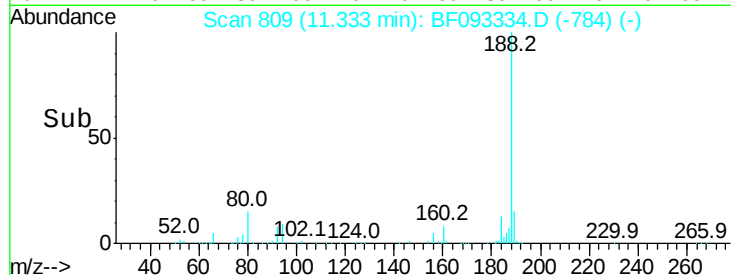
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.33

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 46.29 ng

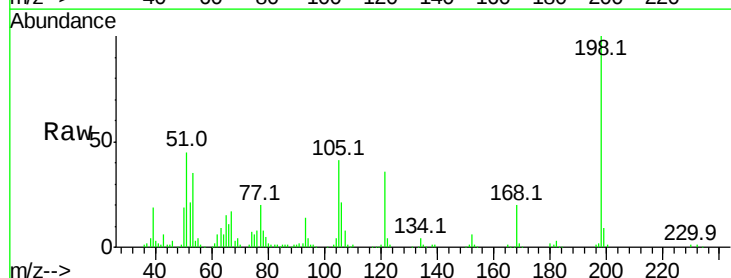
RT: 10.48 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Tgt Ion:	198	Resp:	150296
Ion Ratio	Lower	Upper	
198	100		
51	45.5	6.7	46.7
105	41.1	16.6	56.6



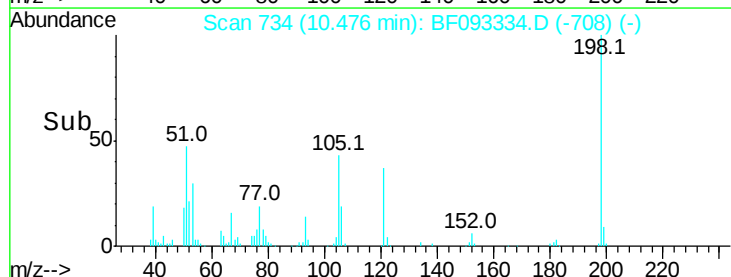
Abundance Ion 198.00 (197.70 to 198.70): E

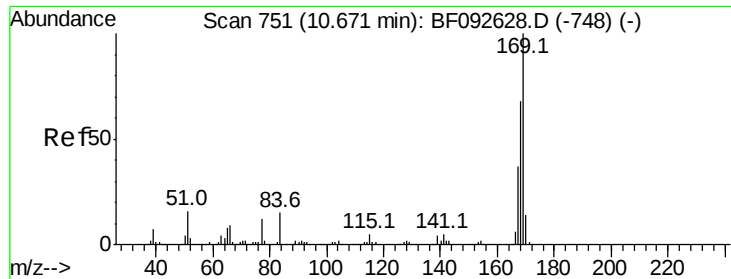
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

10.48

Time-->





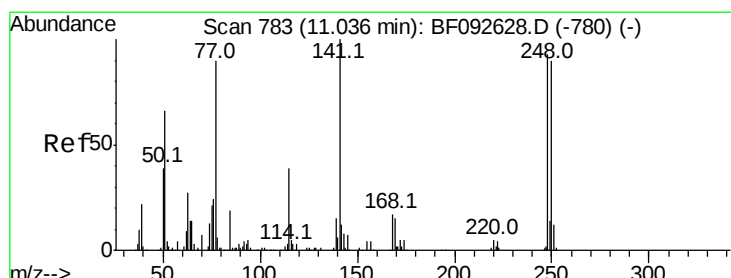
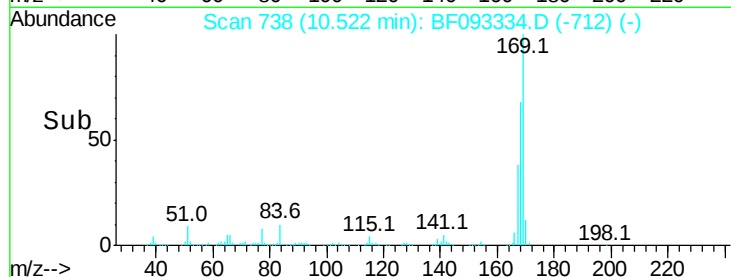
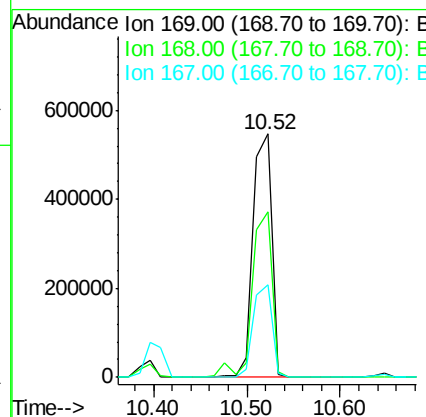
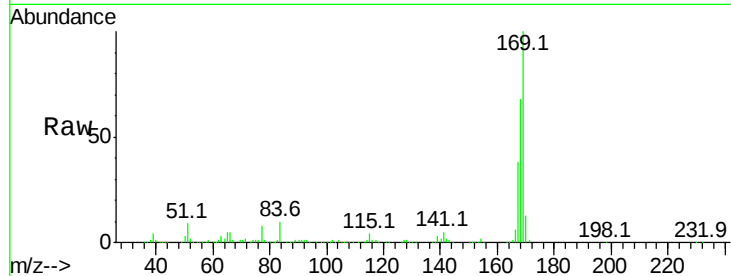
#65
n-Nitrosodiphenylamine
Concen: 44.41 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB97296BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	758393		
168	68.0		54.2	81.2
167	37.8		30.2	45.4

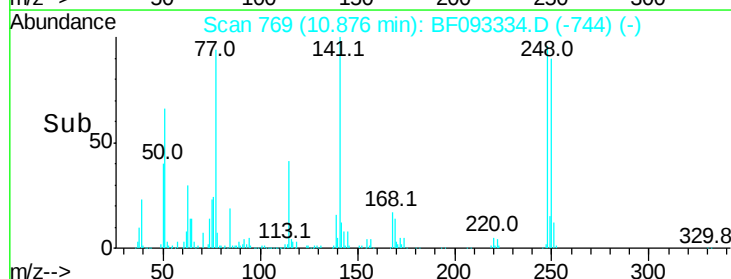
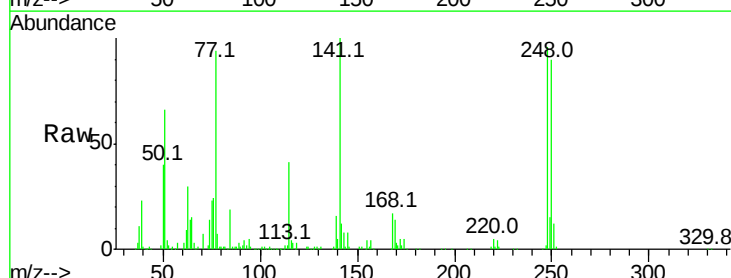
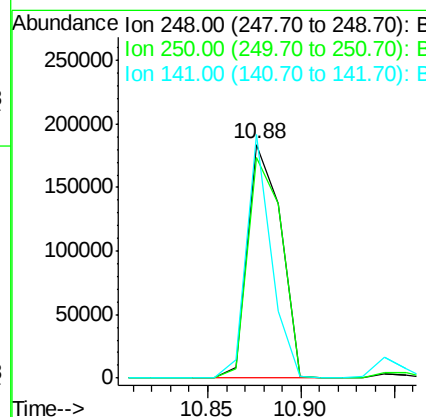
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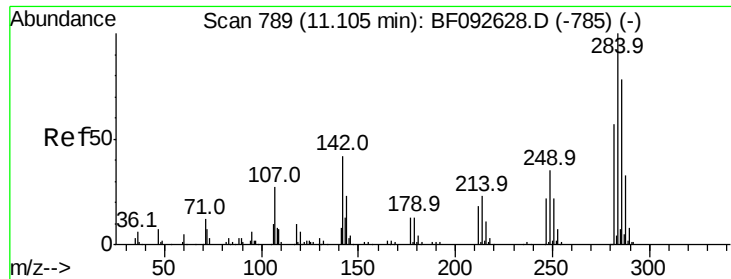
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#66
4-Bromophenyl-phenylether
Concen: 40.70 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	227279		
250	94.2		76.9	115.3
141	104.2		68.2	102.4#





#67

Hexachlorobenzene

Concen: 41.47 ng

RT: 10.96 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

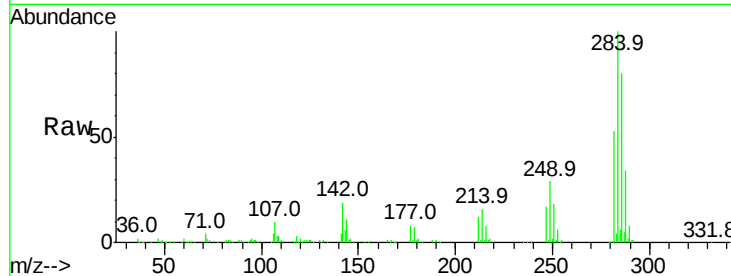
ClientSampled :

PB97296BS

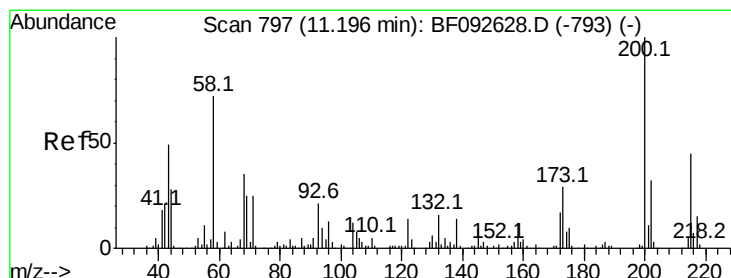
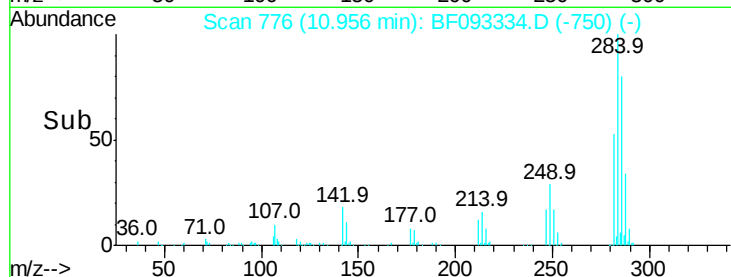
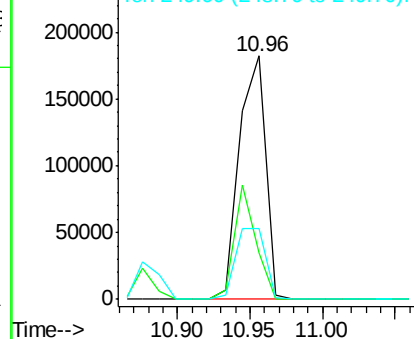
Tot Ion:	284	Resp:	228873
Ion Ratio	Lower	Upper	
284	100		
142	19.1	22.6	33.8#
249	28.9	25.4	38.0

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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: 42.34 ng

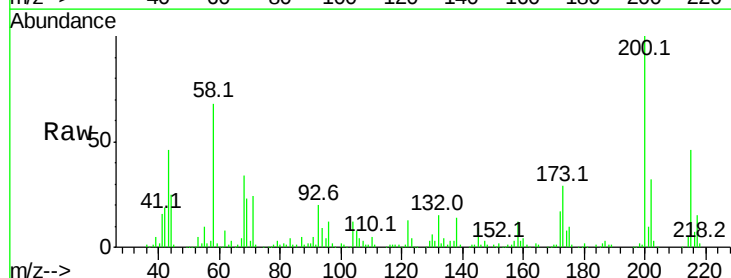
RT: 11.05 min Scan# 784

Delta R.T. -0.00 min

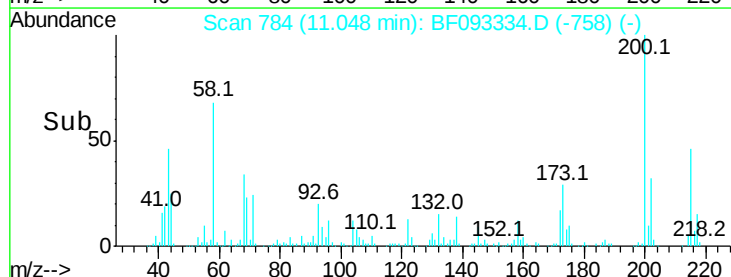
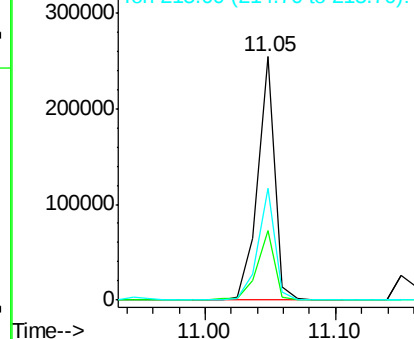
Lab File: BF093334.D

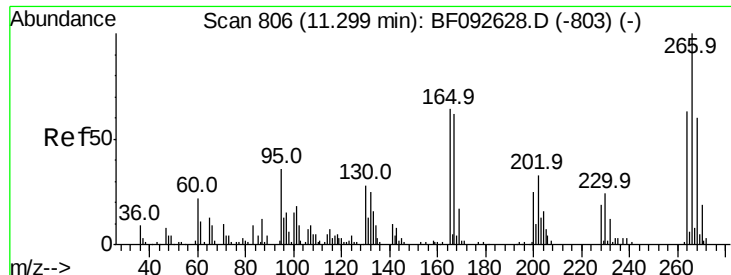
Acq: 2 Mar 2017 21:28

Tgt Ion:	200	Resp:	231986
Ion Ratio	Lower	Upper	
200	100		
173	28.8	9.6	49.6
215	45.9	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





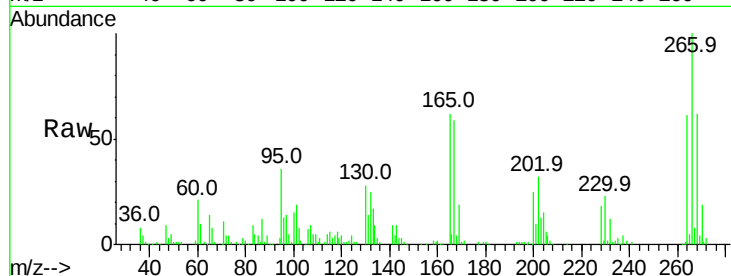
#69
 Pentachlorophenol
 Concen: 64.86 ng
 RT: 11.15 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB97296BS

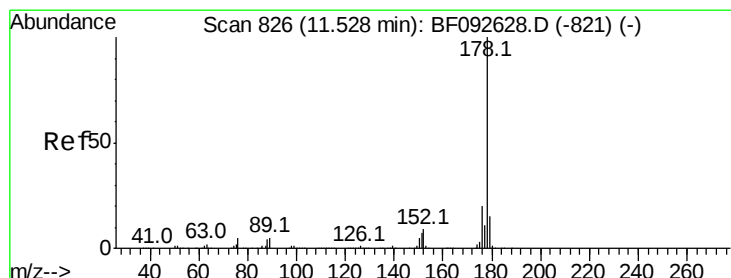
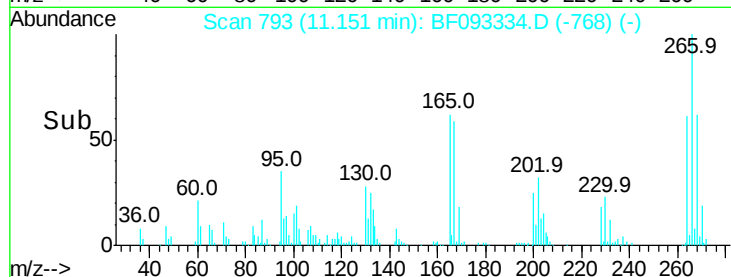
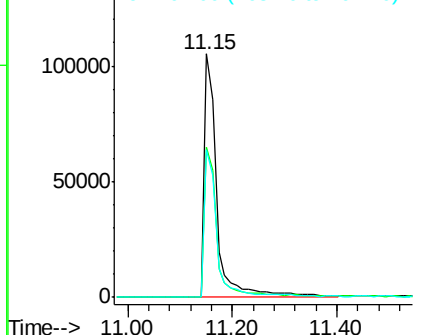
Tot Ion	Ratio	Resp	Lower	Upper
266	100	180498		
268	61.9	53.3	79.9	
264	60.9	50.3	75.5	

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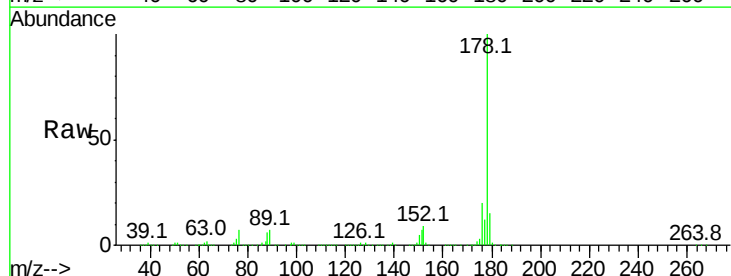


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

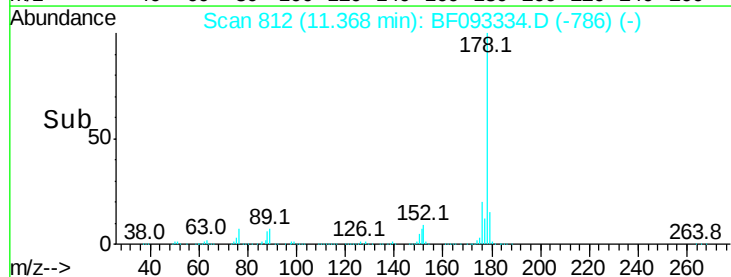
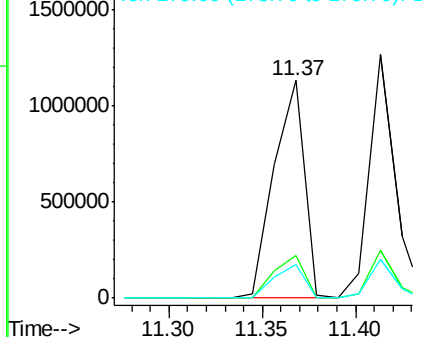


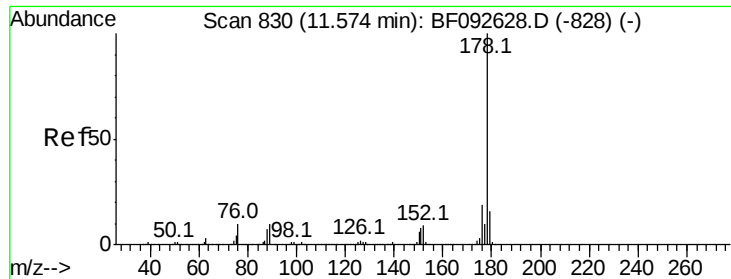
#70
 Phenanthrene
 Concen: 41.93 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1283918		
176	19.9	16.6	25.0	
179	15.4	12.8	19.2	



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





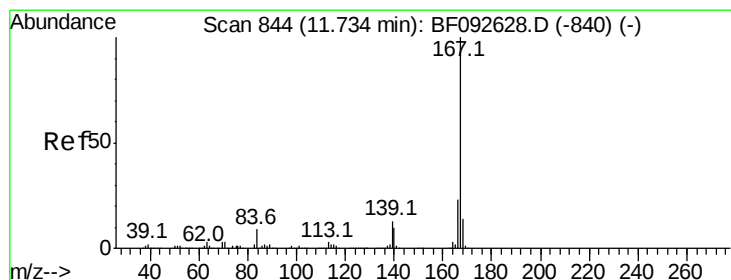
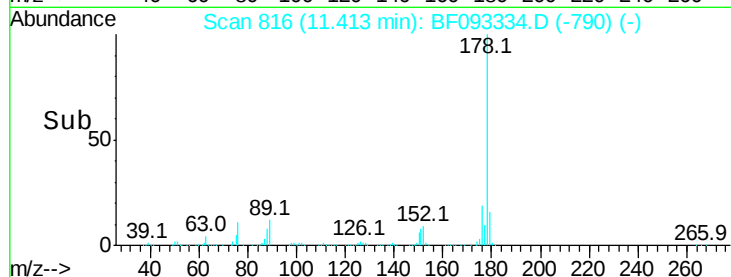
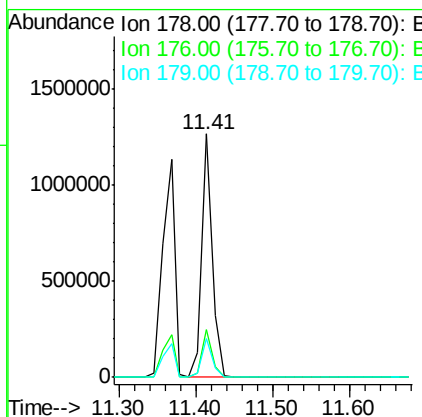
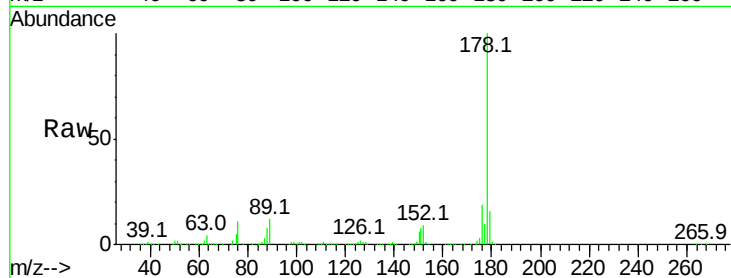
#71
 Anthracene
 Concen: 38.68 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB97296BS

Tot Ion:178 Resp: 1189613
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.7 13.2 19.8

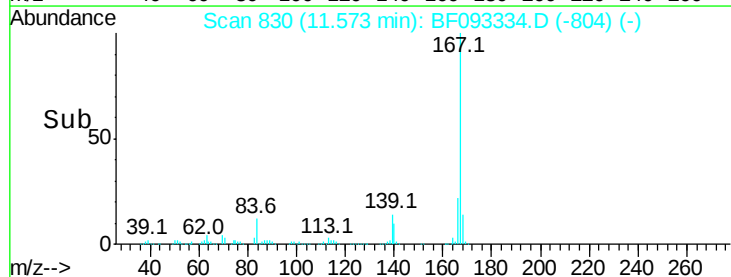
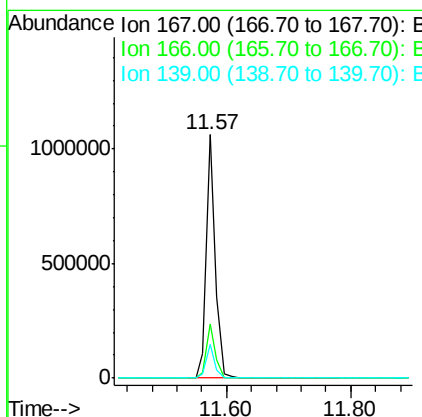
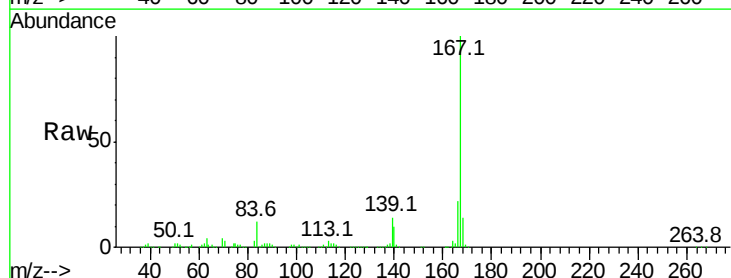
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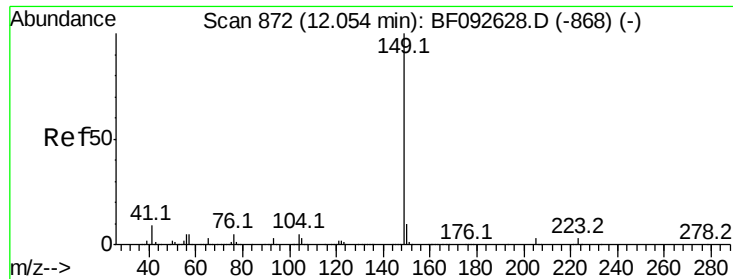
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#72
 Carbazole
 Concen: 36.61 ng
 RT: 11.57 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Tgt Ion:167 Resp: 1076266
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 13.8 11.4 17.2





#73

Di-n-butylphthalate

Concen: 46.30 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

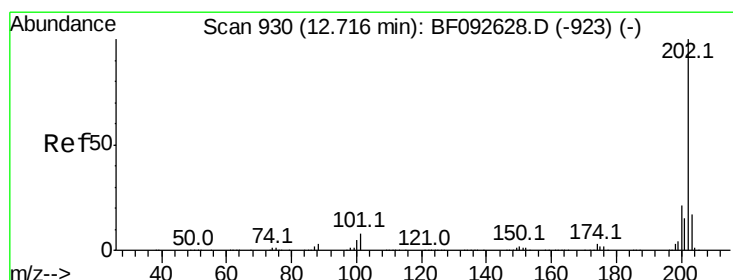
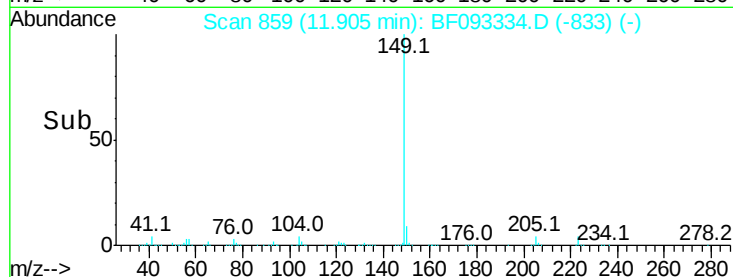
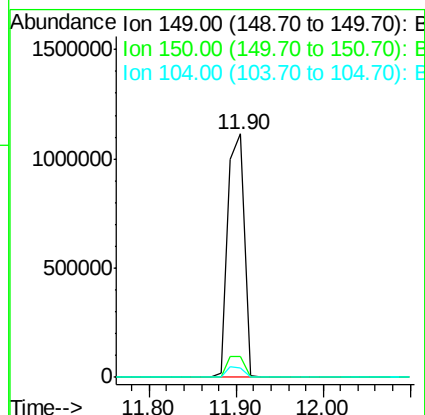
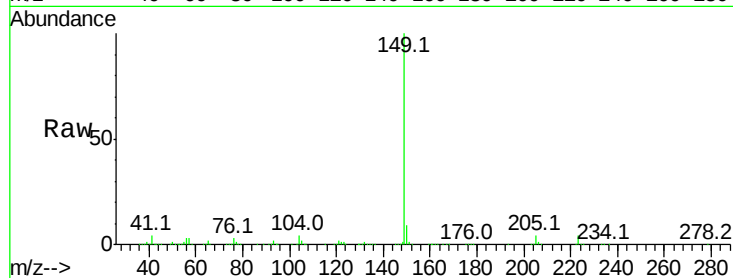
ClientSampleId :

PB97296BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	8.8	8.1	12.1
104	3.7	4.6	7.0

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#74

Fluoranthene

Concen: 39.38 ng

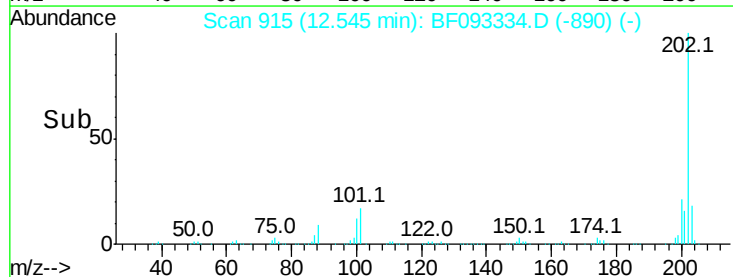
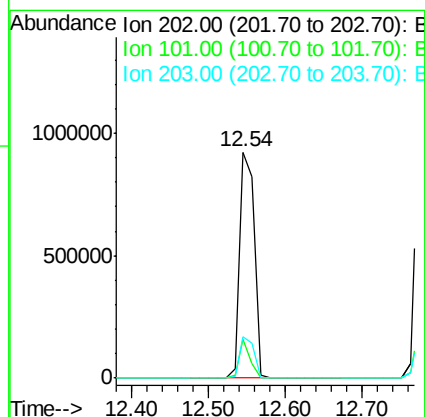
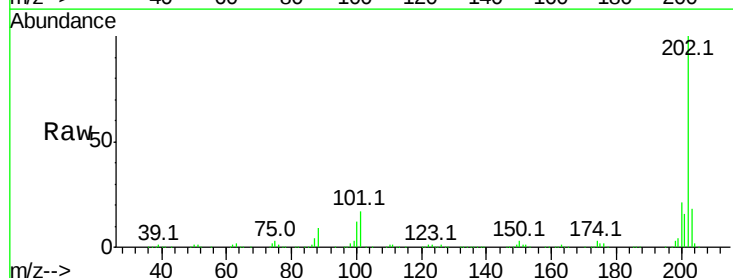
RT: 12.54 min Scan# 915

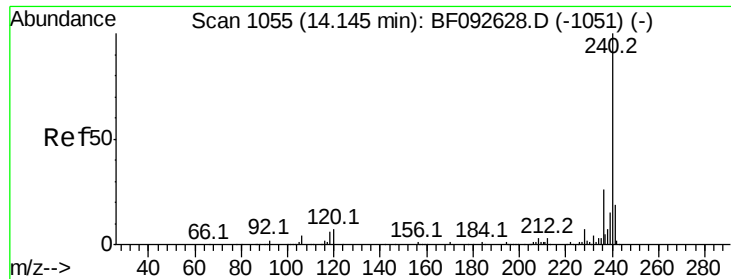
Delta R.T. -0.01 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.0	0.0	34.6
203	18.3	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

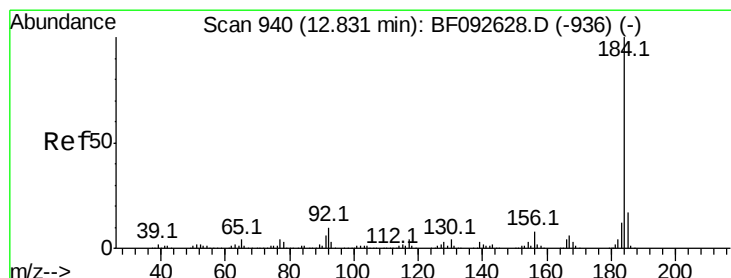
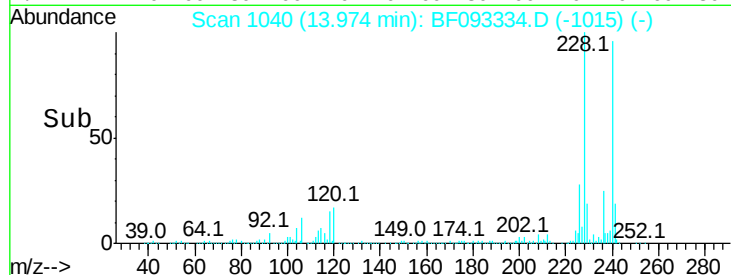
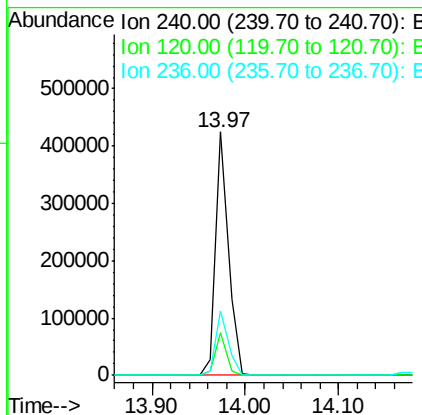
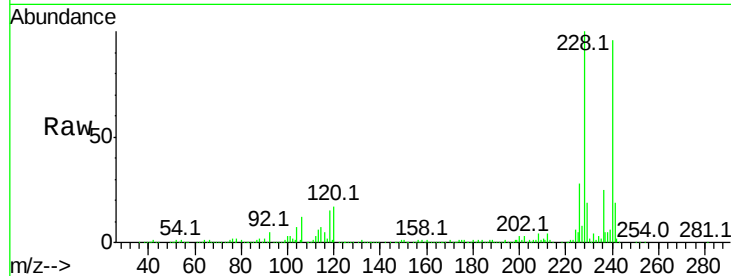
ClientSampleId :

PB97296BS

Tot Ion:	240	Resp:	407008
Ion Ratio	Lower	Upper	
240	100		
120	17.3	12.9	19.3
236	26.3	20.9	31.3

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#76

Benzidine

Concen: 23.40 ng

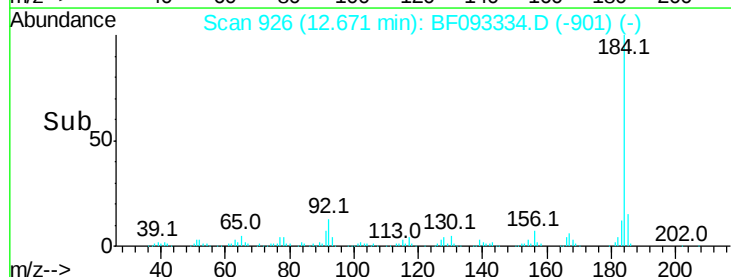
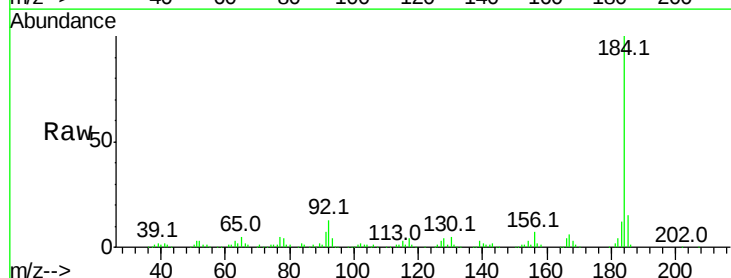
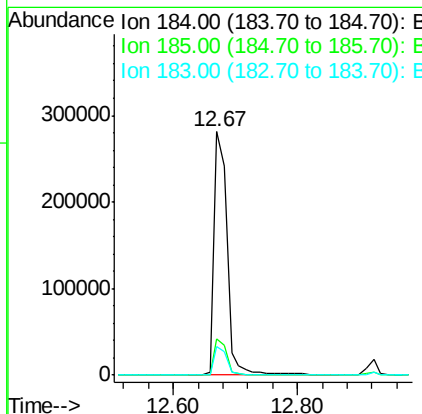
RT: 12.67 min Scan# 926

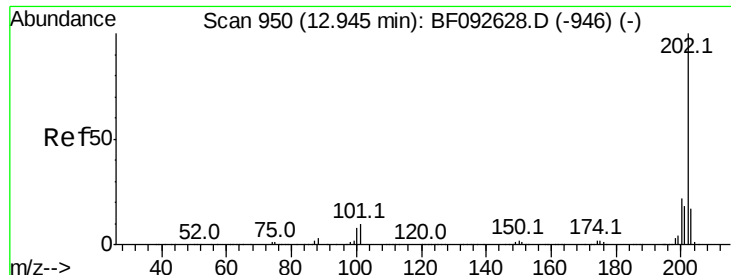
Delta R.T. -0.01 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Tgt Ion:	184	Resp:	405782
Ion Ratio	Lower	Upper	
184	100		
185	15.0	13.4	20.0
183	11.6	9.2	13.8





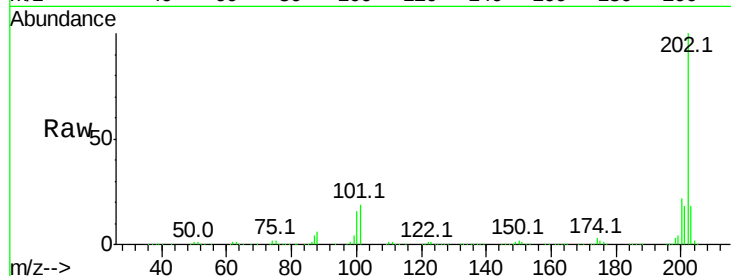
#77
Pvrene
Concen: 41.48 ng
RT: 12.77 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB97296BS

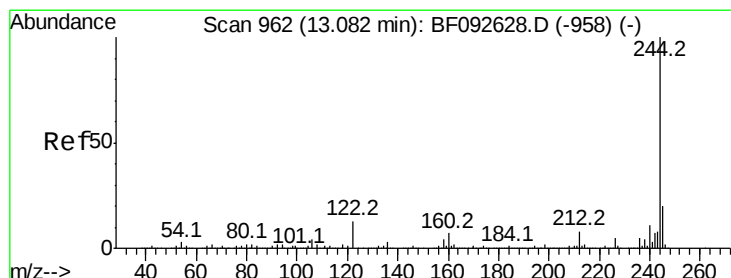
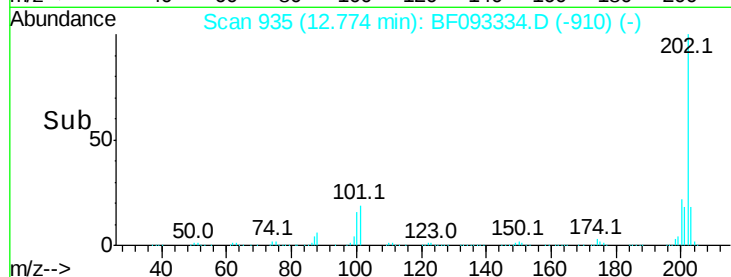
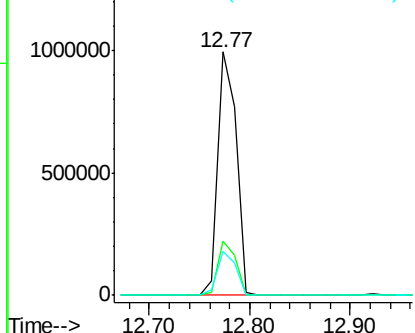
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.7	26.5
203	18.0	14.7	22.1

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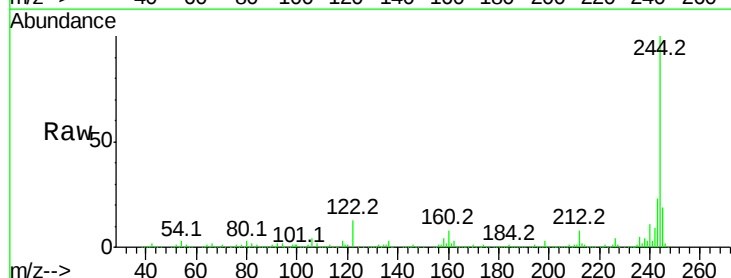


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

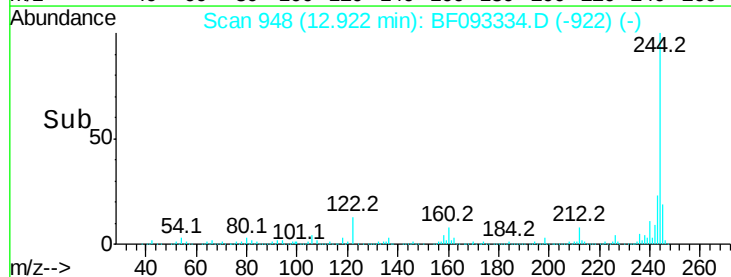
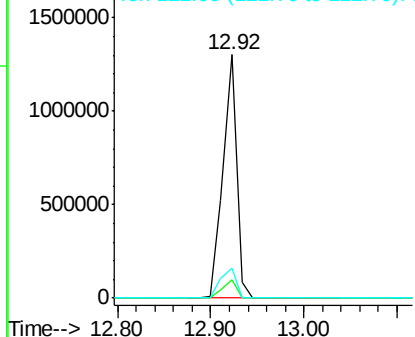


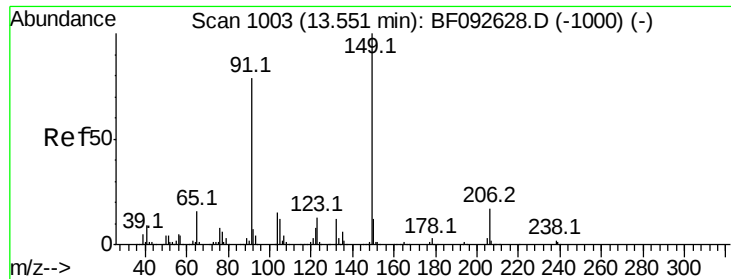
#78
Terphenyl-d14
Concen: 76.66 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	12.5	11.4	17.2



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





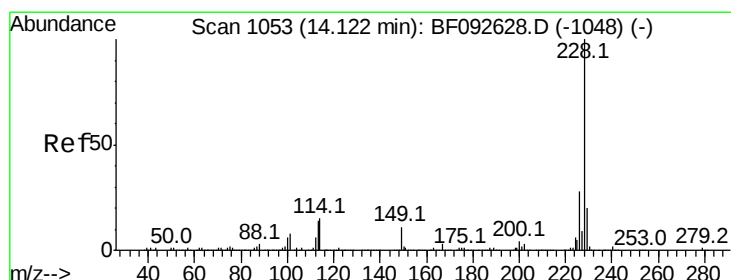
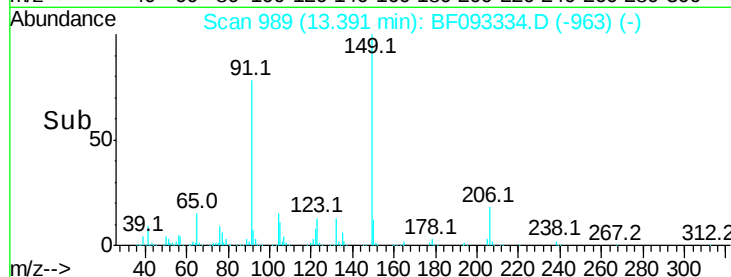
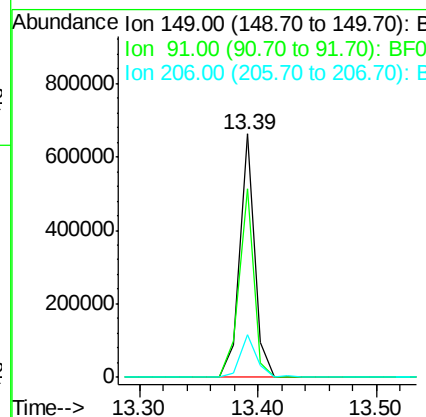
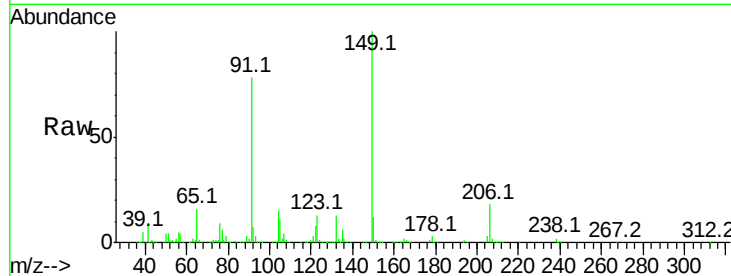
#79
Butylbenzylphthalate
Concen: 47.17 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB97296BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.6	63.9	95.9
206	17.7	14.6	21.8

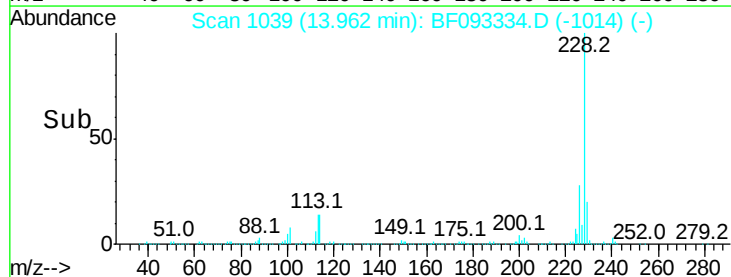
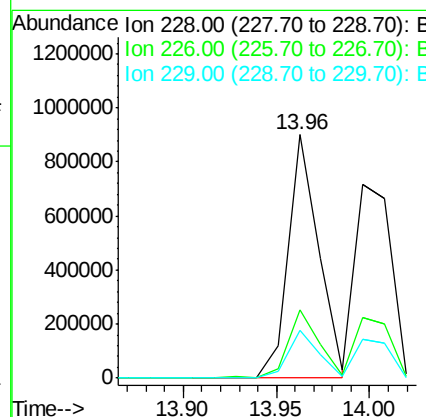
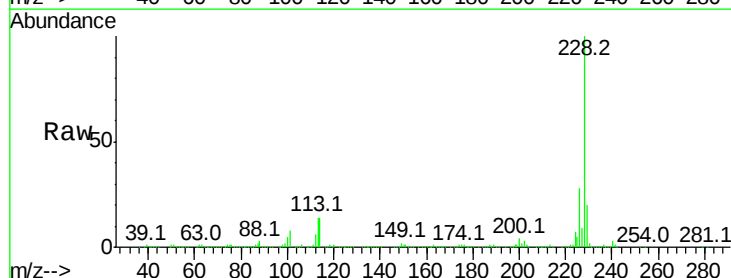
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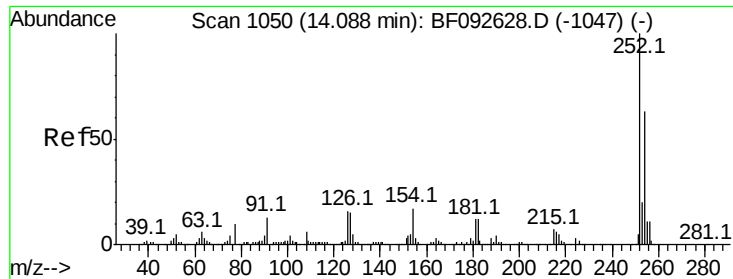
mohammad
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#80
Benzo(a)anthracene
Concen: 41.28 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.4	33.6
229	19.7	16.2	24.4





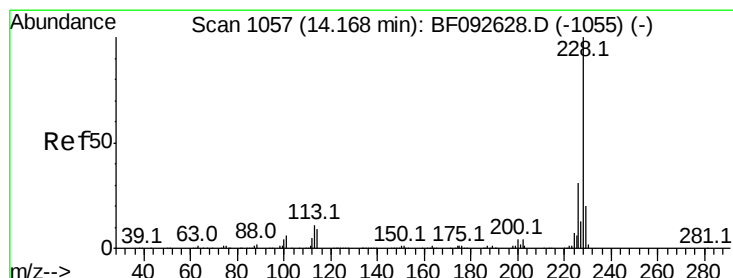
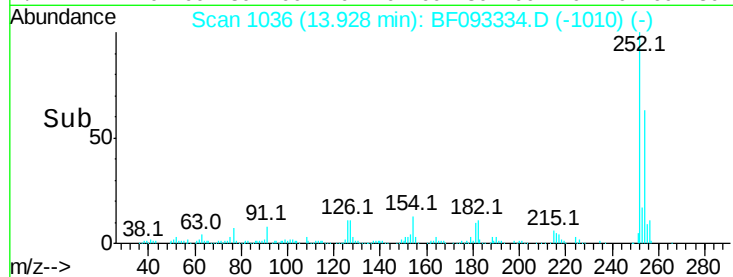
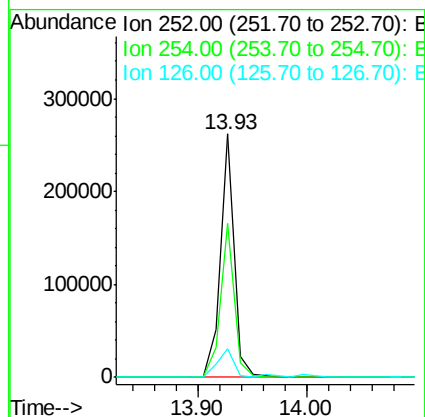
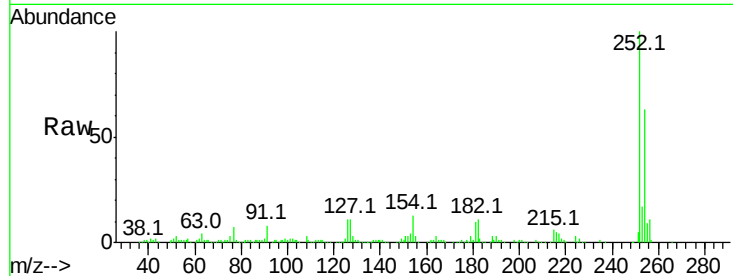
#81
 3,3'-Dichlorobenzidine
 Concen: 26.53 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB97296BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	235379		
254	63.1	52.3	78.5	
126	11.5	13.6	20.4	

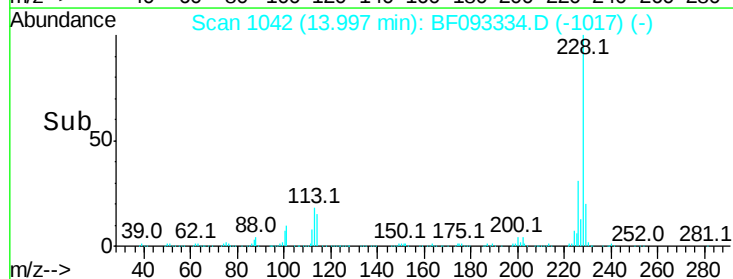
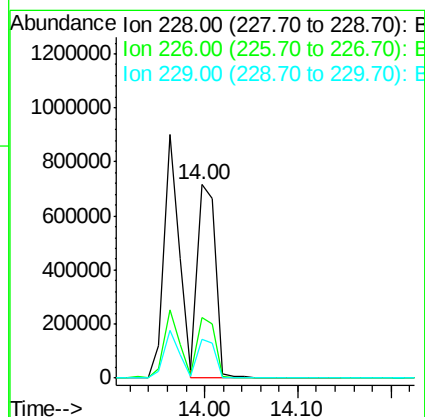
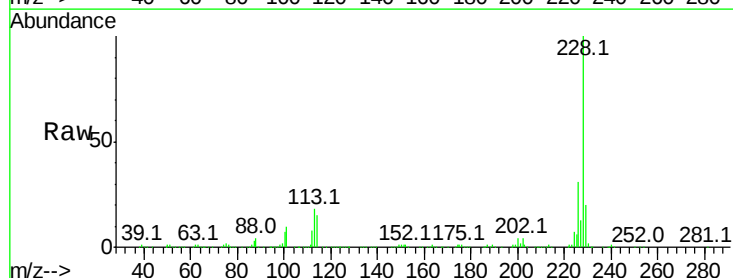
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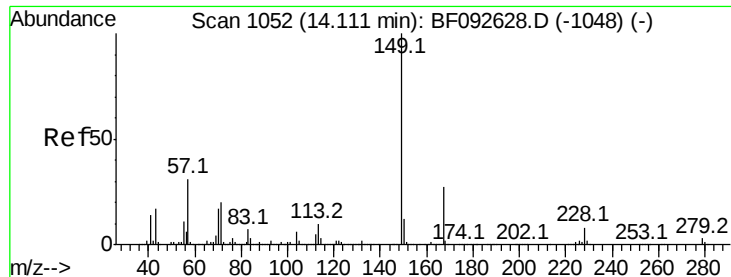
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#82
 Chrysene
 Concen: 41.58 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	969085		
226	31.1	25.4	38.0	
229	20.4	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.31 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB97296BS

Tot Ion:149 Resp: 867884

Ion Ratio Lower Upper

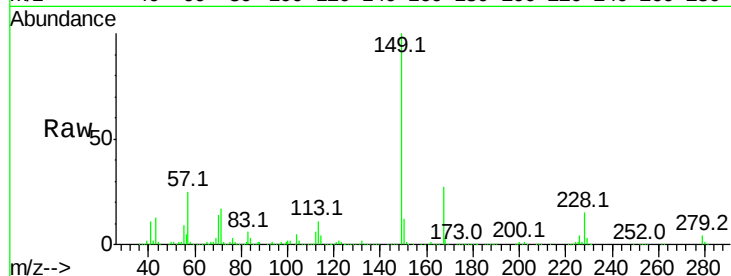
149 100

167 27.3 20.2 30.4

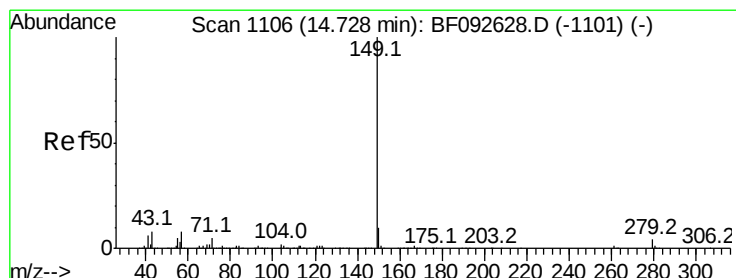
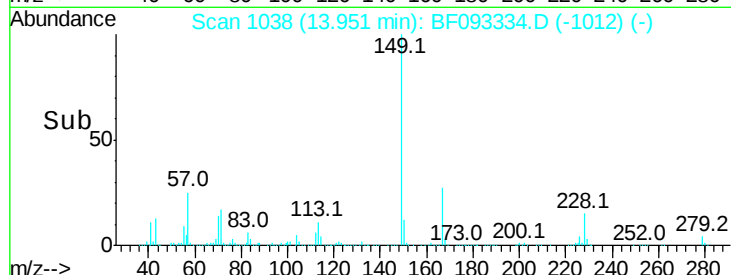
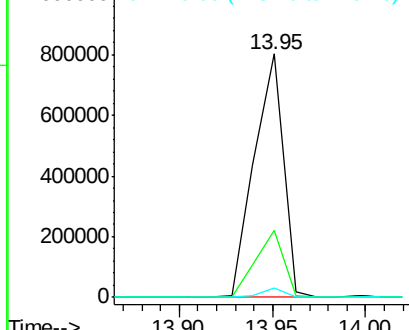
279 3.7 1.8 2.8#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.95 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

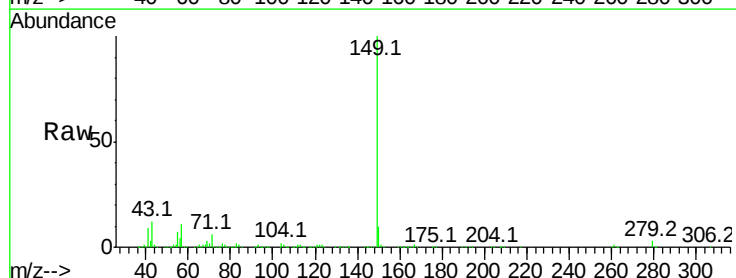
Tgt Ion:149 Resp: 1348441

Ion Ratio Lower Upper

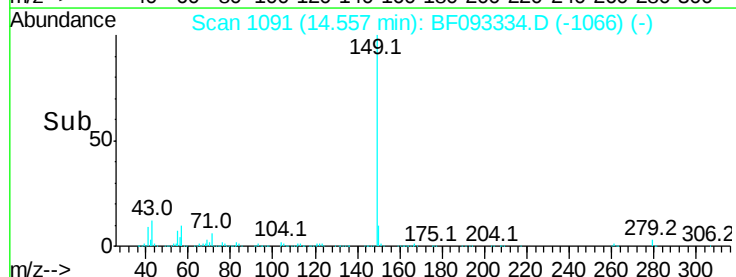
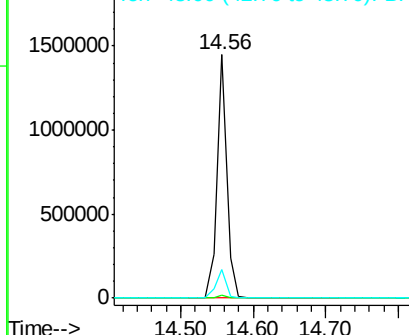
149 100

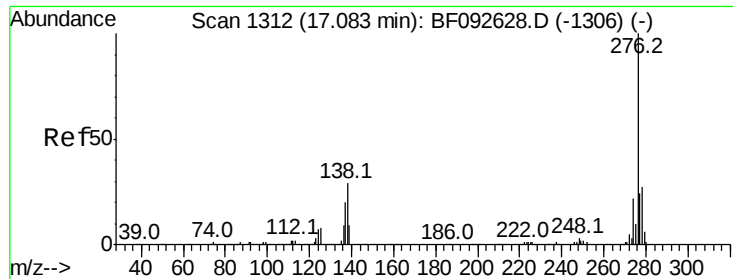
167 1.5 1.3 1.9

43 12.3 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





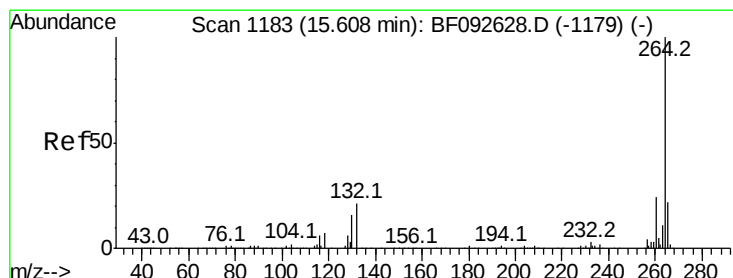
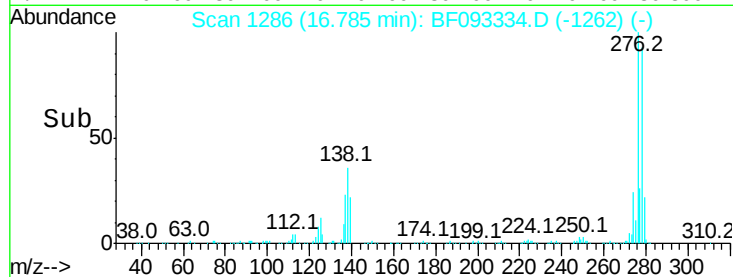
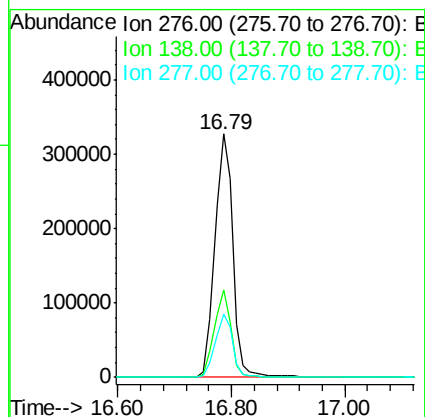
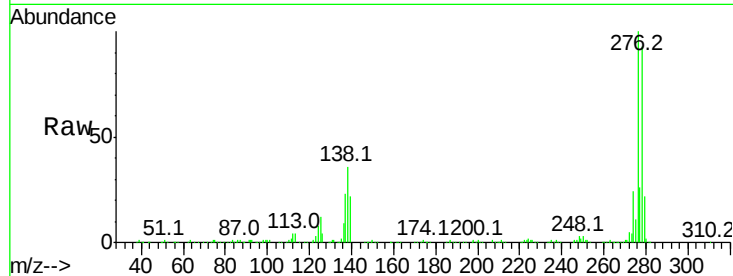
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.25 ng
RT: 16.79 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB97296BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.6	21.8	32.6#
277	25.3	20.2	30.4

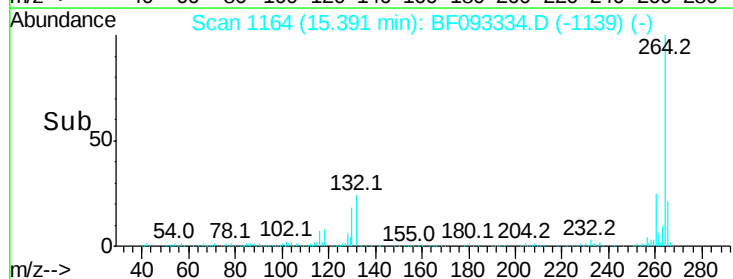
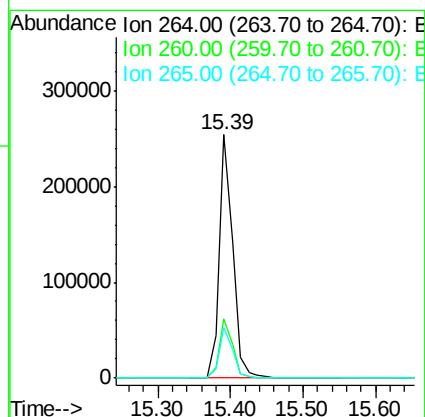
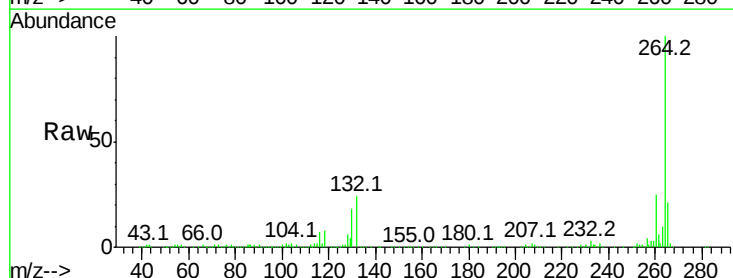
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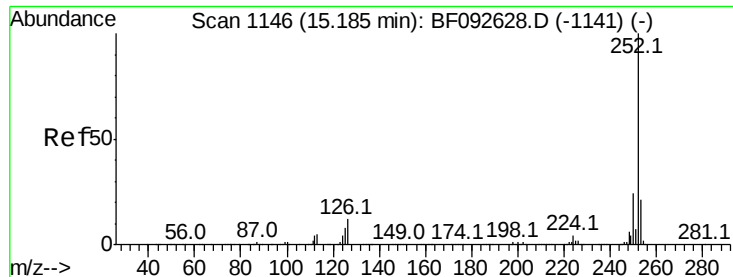
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	20.9	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 39.89 ng m

RT: 14.99 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

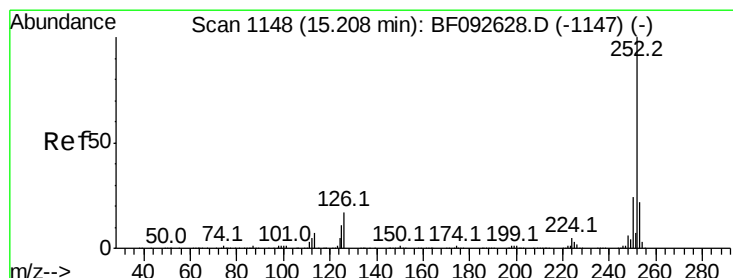
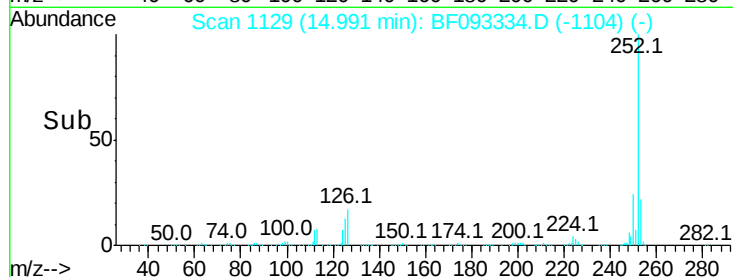
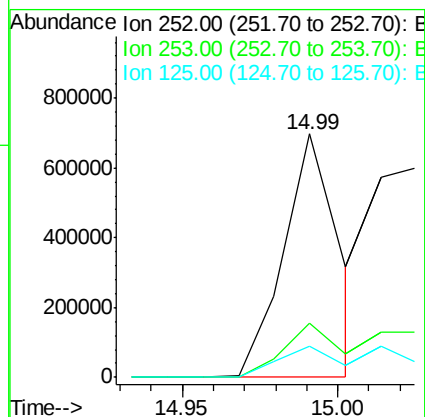
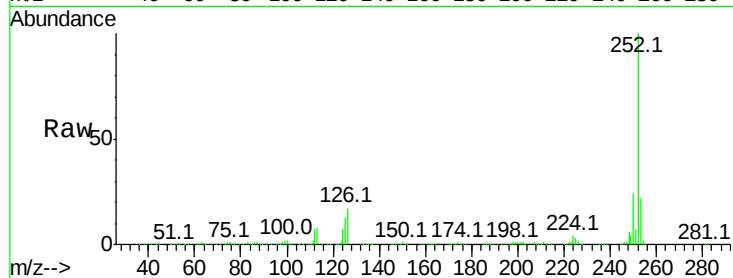
ClientSampleId :

PB97296BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	12.7	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 45.61 ng m

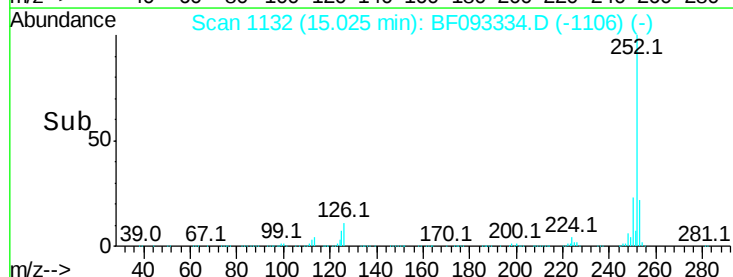
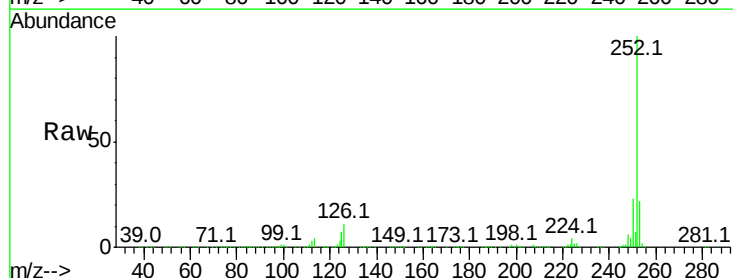
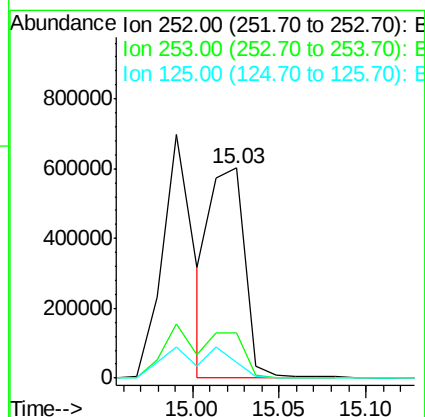
RT: 15.03 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.5	27.7
125	7.2	8.9	13.3#





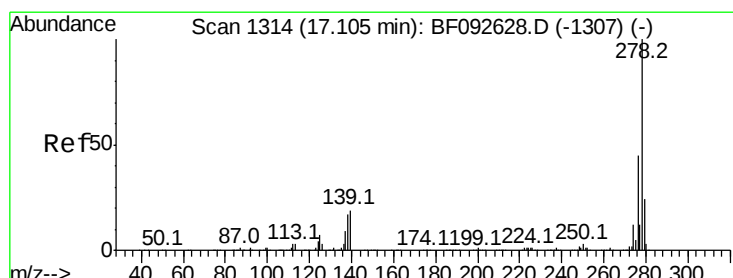
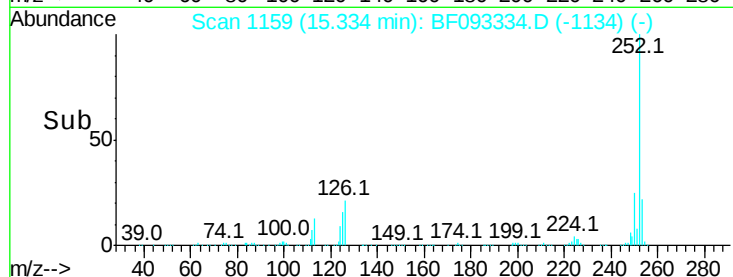
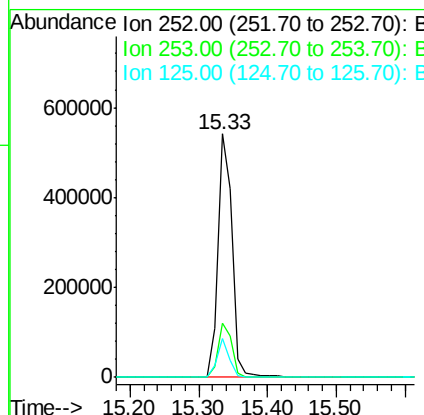
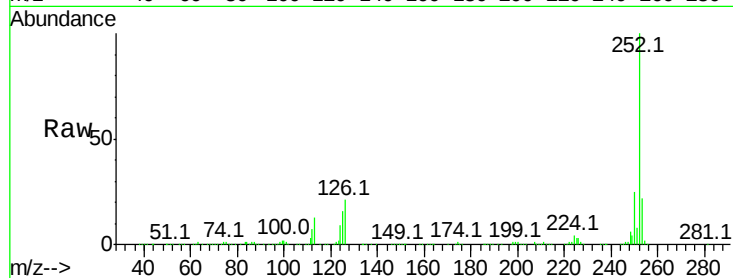
#89
Benzo(a)pyrene
Concen: 42.04 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB97296BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	15.9	10.0	15.0

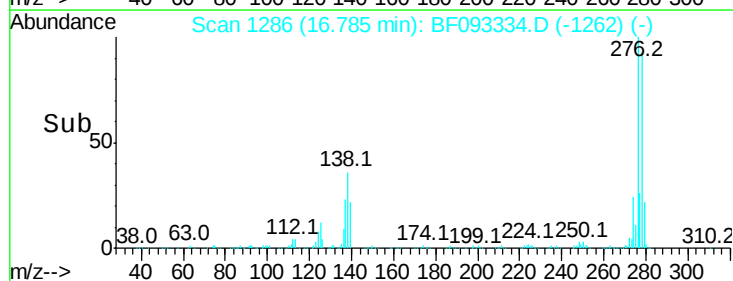
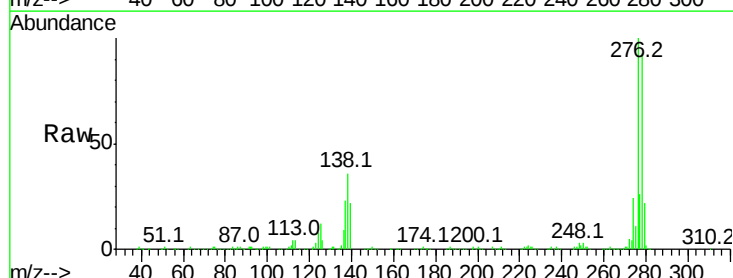
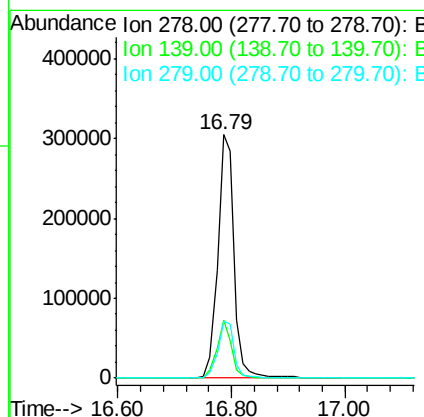
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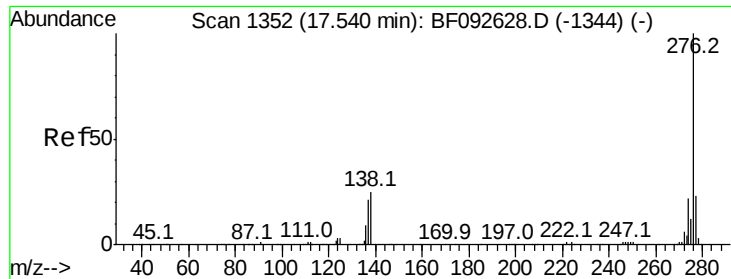
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 39.98 ng
RT: 16.79 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.8	14.8	22.2
279	23.5	19.8	29.6





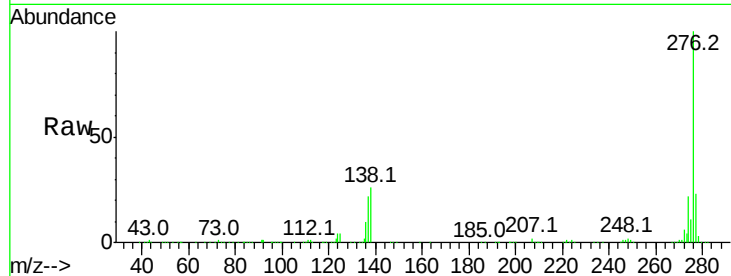
#91
 Benzo(a,h,i)perylene
 Concen: 40.01 ng
 RT: 17.21 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB97296BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	22.6	19.2	28.8
138	26.2	16.0	24.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

