

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093627.D
 Acq On : 14 Mar 2017 00:40
 Operator : SJ/MA
 Sample : PB97546BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97546BS

Manual Integrations
 APPROVED

mohammad
 3/15/2017 5:38:22 PM

Quant Time: Mar 14 02:26:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	174525	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	735890	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	338097	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	617564	20.00	ng	0.00
75) Chrysene-d12	13.90	240	485715	20.00	ng	0.01
86) Perylene-d12	15.31	264	333515	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1527354	145.65	ng	0.00
7) Phenol-d6	6.38	99	1926949	145.72	ng	0.00
23) Nitrobenzene-d5	7.28	82	1244390	93.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	311401	141.37	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1863685	102.53	ng	0.00
78) Terphenyl-d14	12.84	244	1426994	76.38	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	243743	42.20	ng	# 83
3) Pyridine	2.95	79	463723	31.49	ng	86
4) n-Nitrosodimethylamine	2.92	42	345768	49.16	ng	# 76
6) Aniline	6.45	93	737783	40.65	ng	# 26
8) 2-Chlorophenol	6.49	128	540249	45.98	ng	83
9) Benzaldehyde	6.26	77	230880	24.56	ng	95
10) Phenol	6.39	94	760330	46.92	ng	# 69
11) bis(2-Chloroethyl)ether	6.45	93	737783	56.33	ng	93
12) 1,3-Dichlorobenzene	6.64	146	575444m	42.79	ng	
13) 1,4-Dichlorobenzene	6.72	146	611035	44.38	ng	98
14) 1,2-Dichlorobenzene	6.88	146	525864	43.13	ng	96
15) Benzyl Alcohol	6.88	79	444917	47.20	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.00	45	950142	43.67	ng	# 50
17) 2-Methylphenol	7.00	107	475328	47.83	ng	# 85
18) Hexachloroethane	7.21	117	213442	45.97	ng	100
19) n-Nitroso-di-n-propylamine	7.13	70	434703	47.82	ng	90
20) 3+4-Methylphenols	7.17	107	685315	53.17	ng	# 74
22) Acetophenone	7.13	105	785743	44.37	ng	# 97
24) Nitrobenzene	7.30	77	666867	44.74	ng	99
25) Isophorone	7.54	82	1132886	42.36	ng	# 93
26) 2-Nitrophenol	7.62	139	302184	44.43	ng	94
27) 2,4-Dimethylphenol	7.68	122	501484	45.33	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	755432	44.74	ng	99
29) 2,4-Dichlorophenol	7.89	162	498507	47.90	ng	88
30) 1,2,4-Trichlorobenzene	7.94	180	475397	42.95	ng	96
31) Naphthalene	8.02	128	1527679	41.43	ng	98
32) Benzoic acid	7.85	122	293915	51.12	ng	93
33) 4-Chloroaniline	8.21	127	64481	4.31	ng	97
34) Hexachlorobutadiene	8.13	225	244125	42.82	ng	97
35) Caprolactam	8.48	113	163065m	45.87	ng	
36) 4-Chloro-3-methylphenol	8.61	107	502830	45.26	ng	97
37) 2-Methylnaphthalene	8.72	142	1007795	42.95	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	437280	47.36	ng	# 98
40) Hexachlorocyclopentadiene	8.87	237	247628	102.33	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	298521	51.75	nq	93
43) 2,4,5-Trichlorophenol	9.08	196	262952	42.49	nq #	91
45) 1,1'-Biphenyl	9.18	154	1188281	48.25	nq	96
46) 2-Chloronaphthalene	9.21	162	989071	52.46	nq	98
47) 2-Nitroaniline	9.33	65	363886	54.60	nq	99
48) Acenaphthylene	9.62	152	1512481	48.64	nq	99
49) Dimethylphthalate	9.50	163	1175591	52.45	nq	100
50) 2,6-Dinitrotoluene	9.57	165	231377	47.04	nq #	56
51) Acenaphthene	9.80	154	905412	49.24	nq	96
52) 3-Nitroaniline	9.75	138	106274	17.99	nq #	95
53) 2,4-Dinitrophenol	9.88	184	218571	97.58	nq #	69
54) Dibenzofuran	9.97	168	1220115	53.02	nq	97
55) 4-Nitrophenol	9.96	139	210306m	73.28	nq	
56) 2,4-Dinitrotoluene	9.98	165	324612	53.72	nq #	69
57) Fluorene	10.31	166	927008	47.54	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.10	232	248731	56.94	nq	92
59) Diethylphthalate	10.20	149	1123934	52.47	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	435683	49.84	nq	97
61) 4-Nitroaniline	10.37	138	228341	37.79	nq	97
62) Azobenzene	10.46	77	1387597	57.00	nq	91
64) 4,6-Dinitro-2-methylphenol	10.40	198	158126	39.52	nq #	79
65) n-Nitrosodiphenylamine	10.44	169	857412	41.58	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	256056	39.21	nq	94
67) Hexachlorobenzene	10.86	284	258942	41.52	nq #	74
68) Atrazine	10.96	200	220208	36.48	nq	98
69) Pentachlorophenol	11.08	266	146272	67.94	nq	97
70) Phenanthrene	11.27	178	1481048	42.01	nq	99
71) Anthracene	11.33	178	1443878	40.49	nq	99
72) Carbazole	11.50	167	1384887	41.34	nq	98
73) Di-n-butylphthalate	11.82	149	1796962	46.37	nq #	97
74) Fluoranthene	12.47	202	1515507	44.51	nq	94
76) Benzidine	12.63	184	47672	2.98	nq	95
77) Pyrene	12.70	202	1512554	42.82	nq	99
79) Butylbenzylphthalate	13.32	149	756813	50.89	nq #	80
80) Benzo(a)anthracene	13.89	228	1132045	39.47	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	230220	22.92	nq #	97
82) Chrysene	13.92	228	1040777	39.22	nq	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	999543	48.22	nq #	98
84) Di-n-octyl phthalate	14.48	149	1660212	48.06	nq	95
85) Indeno(1,2,3-cd)pyrene	16.67	276	814410	36.66	nq #	93
87) Benzo(b)fluoranthene	14.92	252	1139887m	56.12	nq	
88) Benzo(k)fluoranthene	14.94	252	753351m	38.46	nq	
89) Benzo(a)pyrene	15.25	252	859060	46.28	nq	97
90) Dibenzo(a,h)anthracene	16.67	278	692636	45.10	nq	97
91) Benzo(g,h,i)perylene	17.07	276	704886	44.72	nq #	90

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

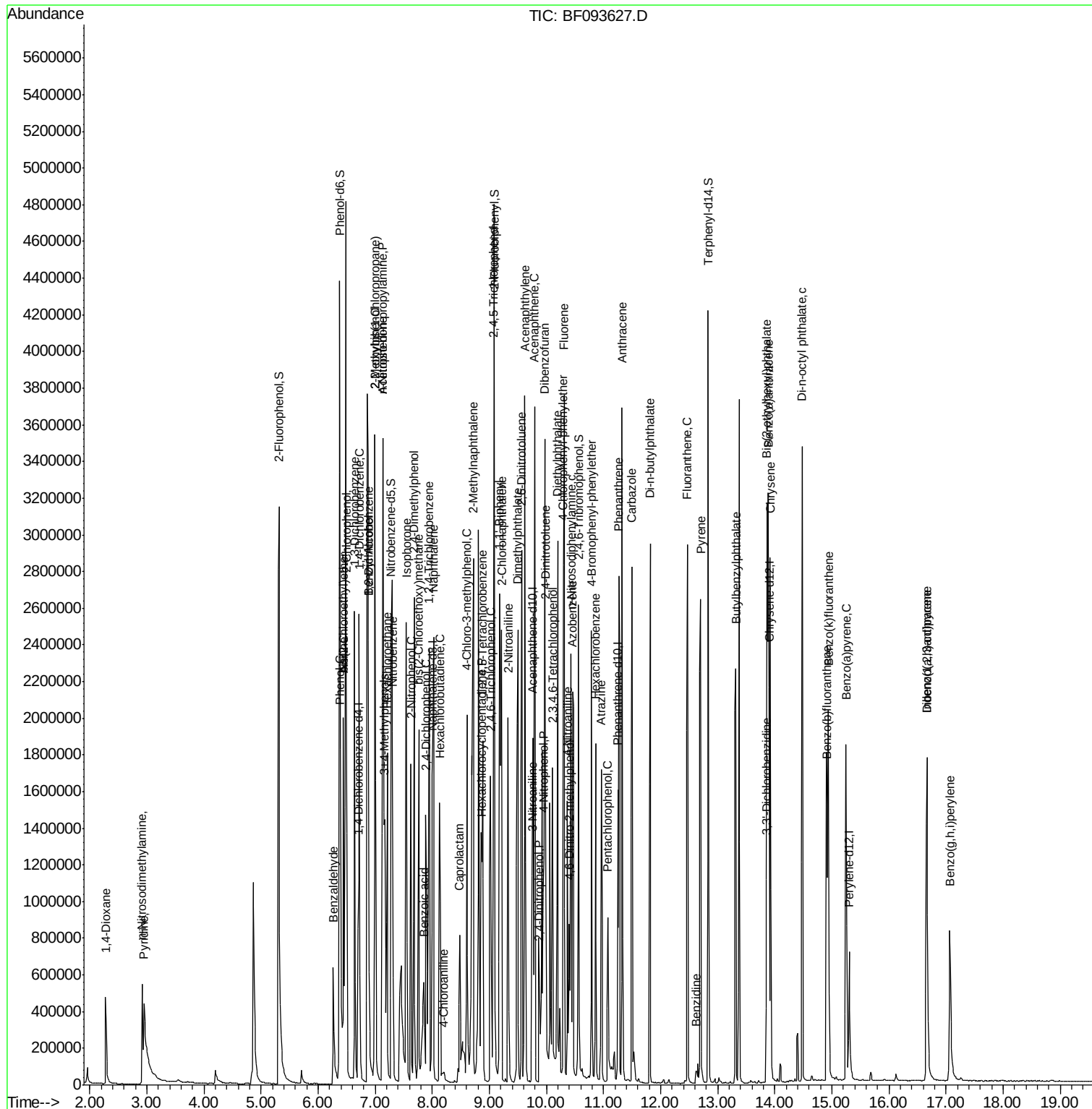
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
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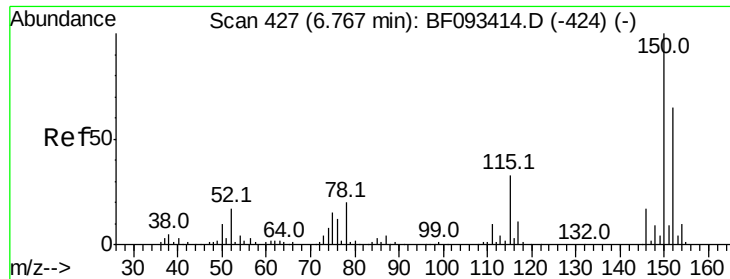
Instrument :
BNA_F
ClientSampleId :
PB97546BS

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#1

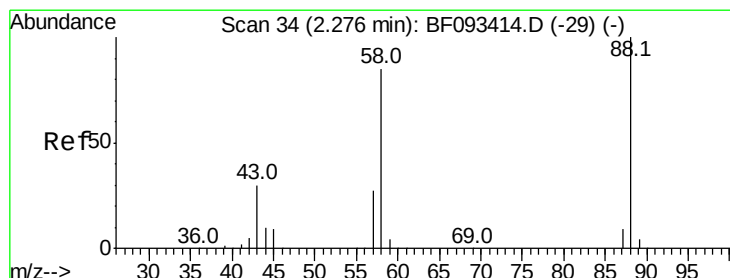
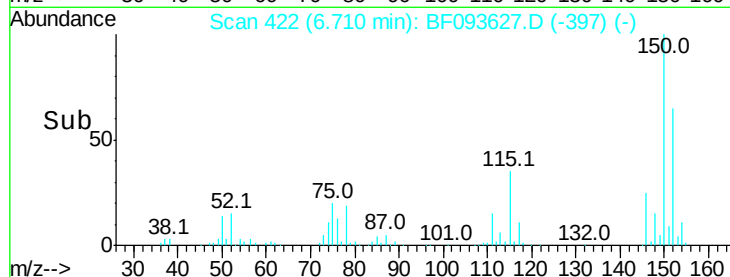
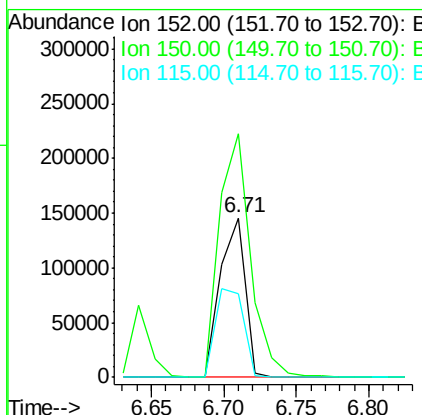
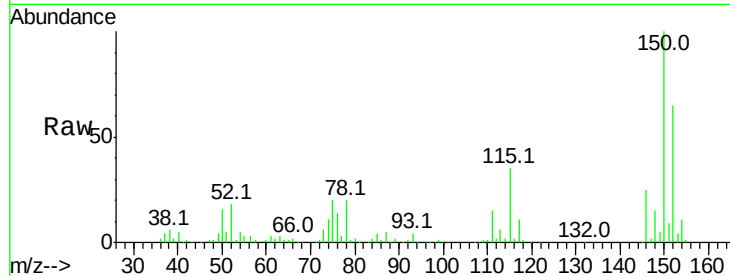
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Instrument :
BNA_F
ClientSampled :
PB97546BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.9	187.3
115	52.9	46.0	69.0

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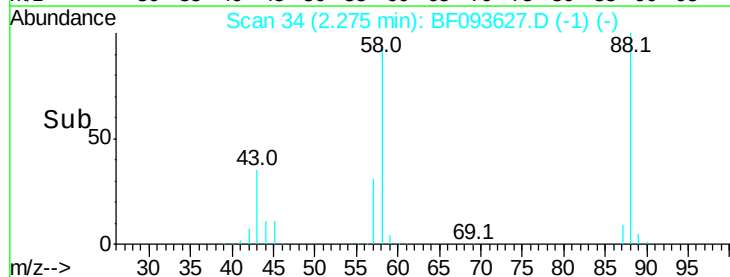
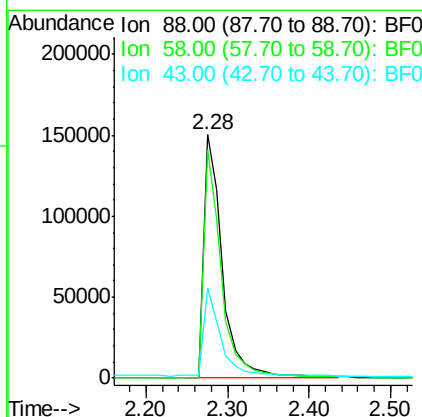
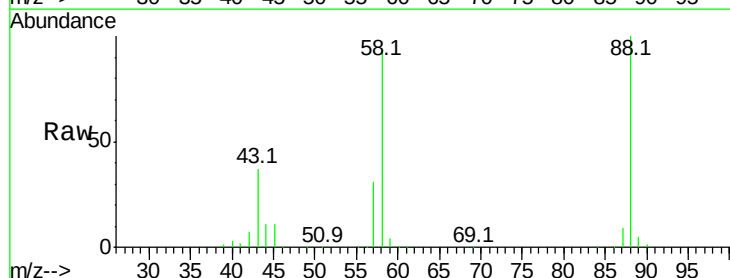
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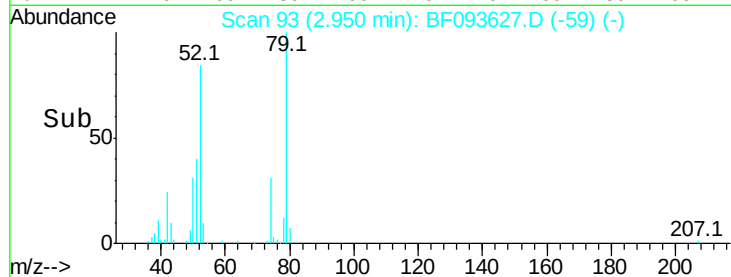
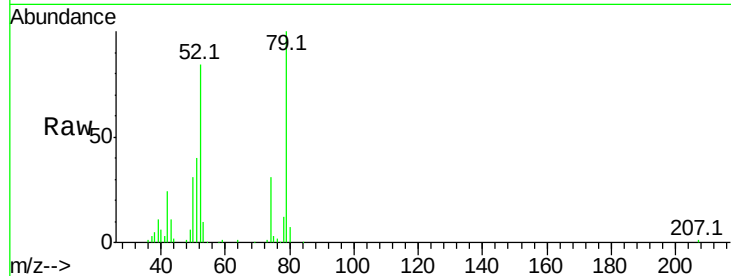
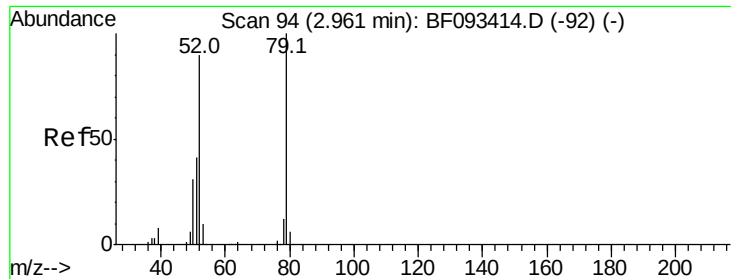


#2

1,4-Dioxane
Concen: 42.20 ng
RT: 2.28 min Scan# 34
Delta R.T. 0.09 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.4	57.8	86.8#
43	32.6	22.3	33.5





#3

Pvridine

Concen: 31.49 ng

RT: 2.95 min Scan# 93

Delta R.T. 0.09 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Tot Ion:	79	Resp:	463723
Ion Ratio	Lower	Upper	
79	100		
52	84.2	57.1	85.7
51	40.1	27.3	40.9

Instrument :

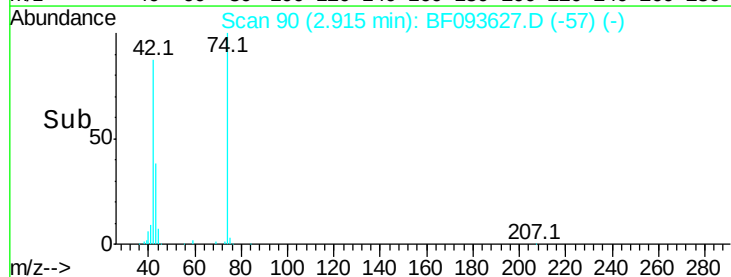
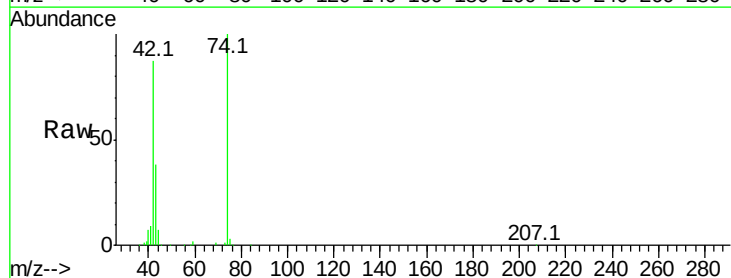
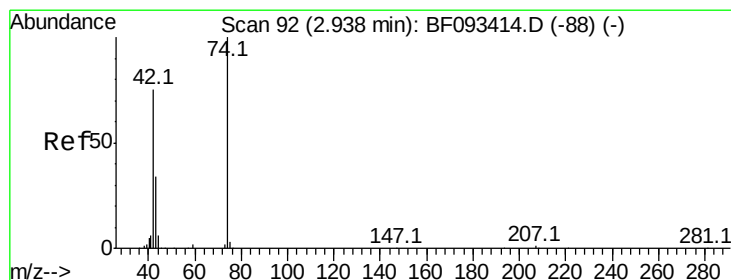
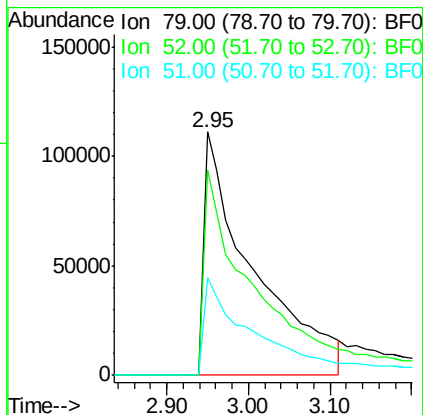
BNA_F

ClientSampled :

PB97546BS

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 49.16 ng

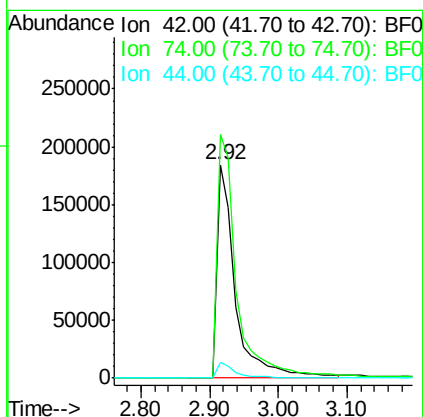
RT: 2.92 min Scan# 90

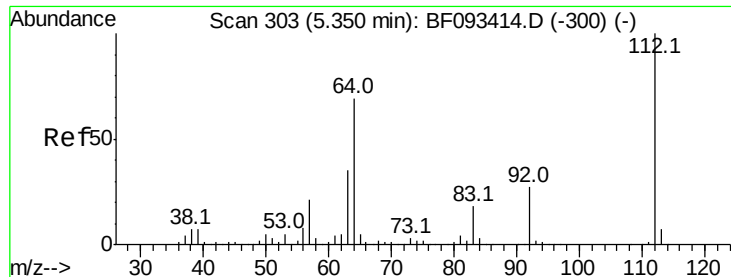
Delta R.T. 0.08 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Tgt Ion:	42	Resp:	345768
Ion Ratio	Lower	Upper	
42	100		
74	114.4	117.0	175.4#
44	7.6	5.5	8.3





#5

2-Fluorophenol

Concen: 145.65 ng

RT: 5.32 min Scan# 300

Delta R.T. -0.00 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

PB97546BS

Tot Ion: 112 Resp: 1527354

Ion Ratio Lower Upper

112 100

64 57.9 46.1 69.1

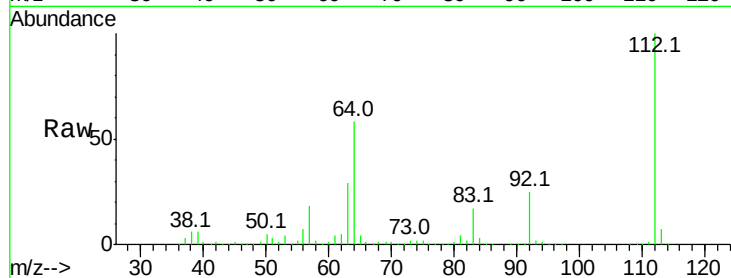
63 28.9 23.8 35.6

Manual Integrations

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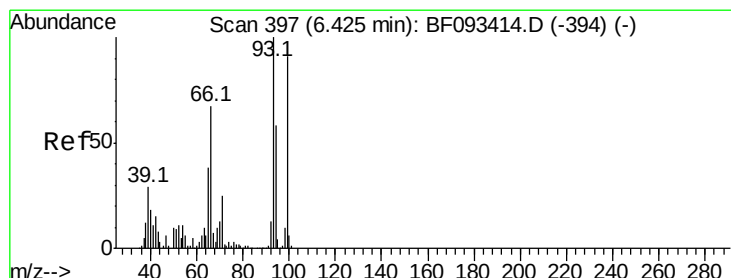
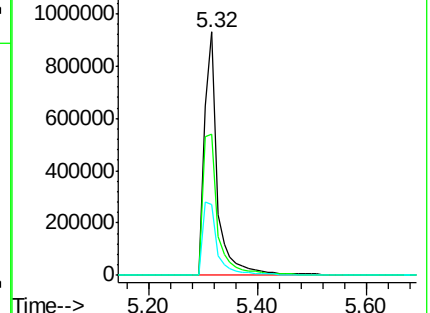
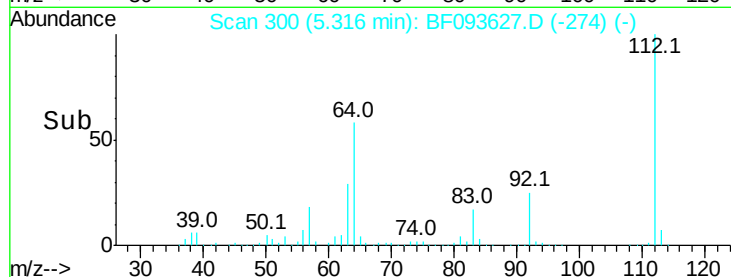
3/15/2017 5:38:22 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.65 ng

RT: 6.45 min Scan# 399

Delta R.T. 0.06 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

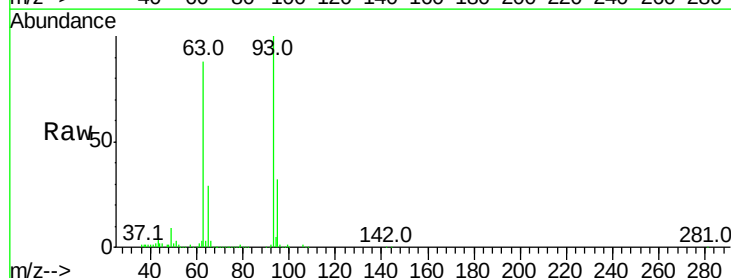
Tgt Ion: 93 Resp: 737783

Ion Ratio Lower Upper

93 100

66 3.1 76.2 114.2#

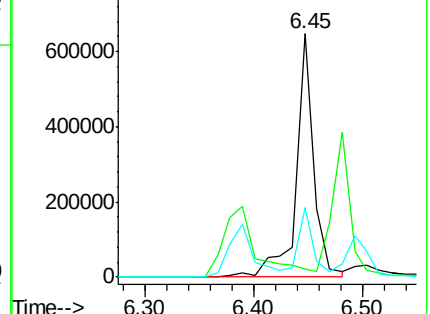
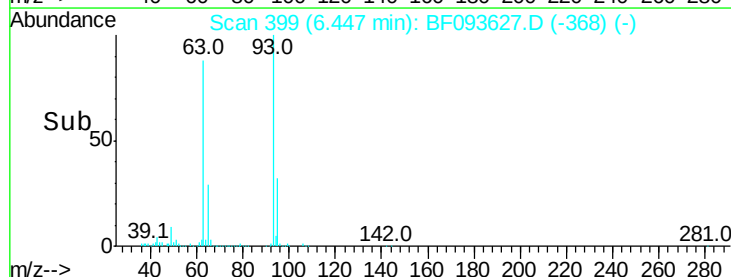
65 28.6 49.3 73.9#

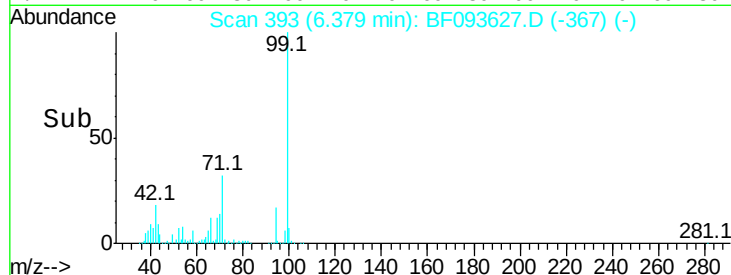
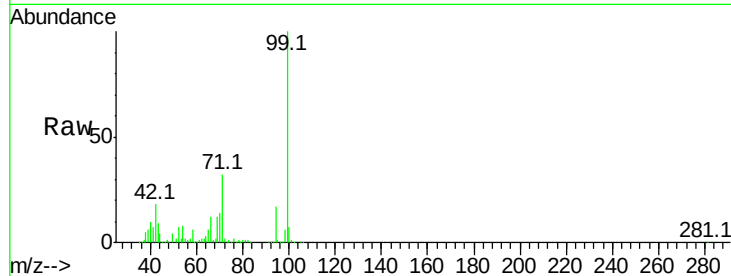
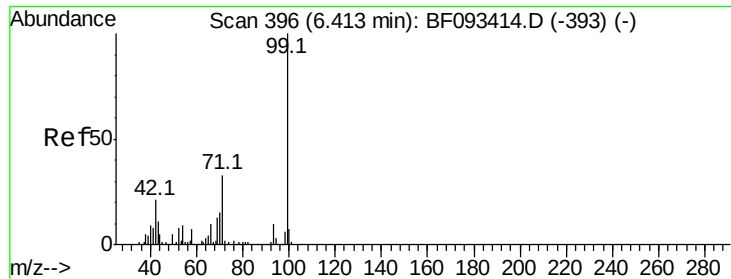


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 145.72 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Tot Ion: 99 Resp: 1926949

Ion Ratio Lower Upper

99 100

42 17.8 15.6 23.4

71 31.6 27.5 41.3

Instrument :

BNA_F

ClientSampleId :

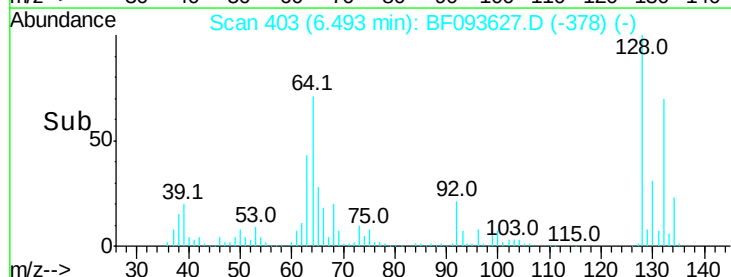
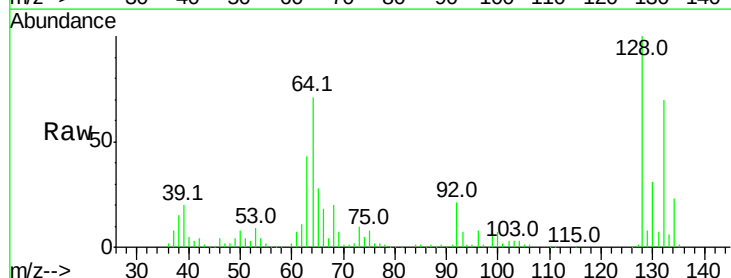
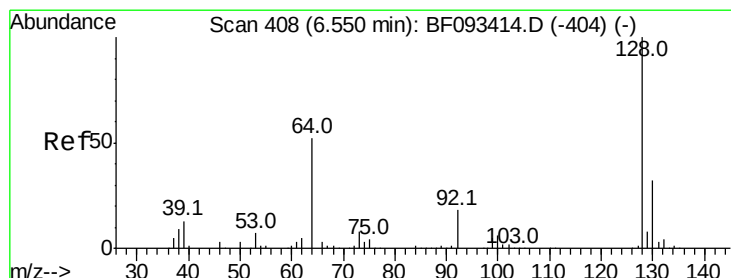
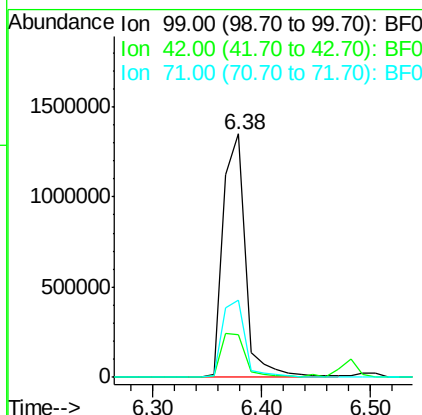
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#8

2-Chlorophenol

Concen: 45.98 ng

RT: 6.49 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

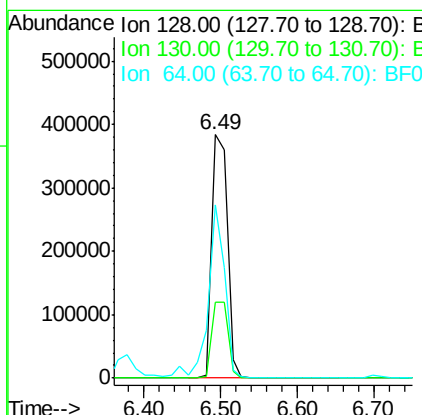
Tgt Ion:128 Resp: 540249

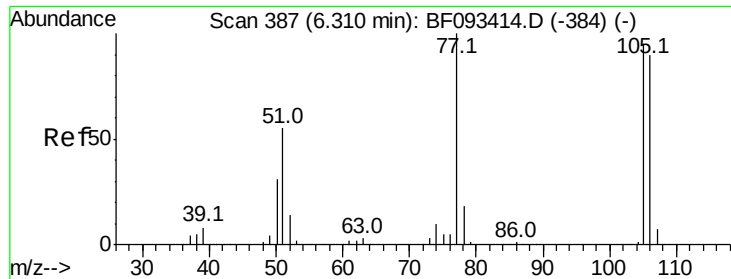
Ion Ratio Lower Upper

128 100

130 31.3 12.3 52.3

64 71.1 32.2 72.2





#9

Benzaldehyde

Concen: 24.56 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

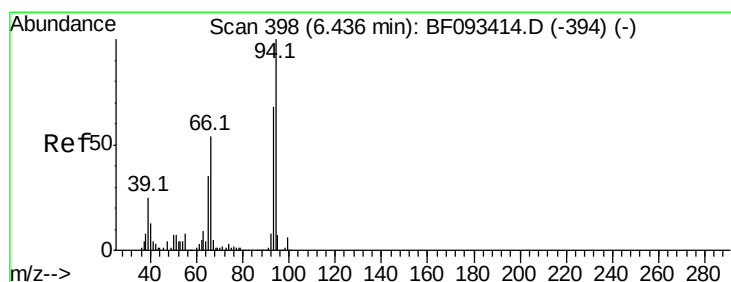
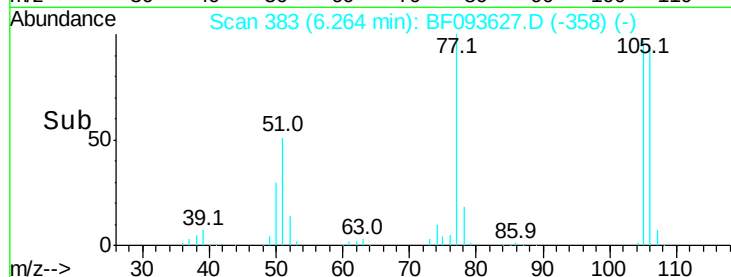
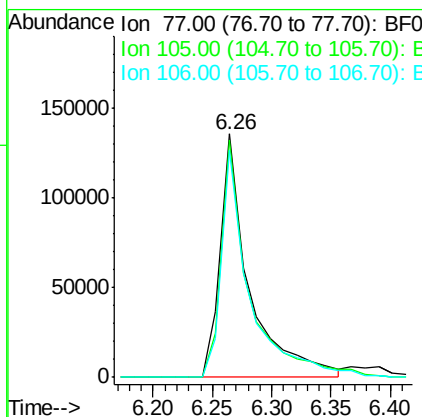
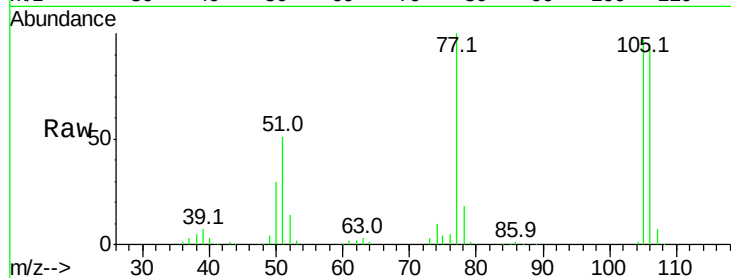
ClientSampleId :

PB97546BS

Tot Ion:	77	Resp:	230880
Ion Ratio	Lower	Upper	
77	100		
105	97.5	83.9	123.9
106	93.1	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 46.92 ng

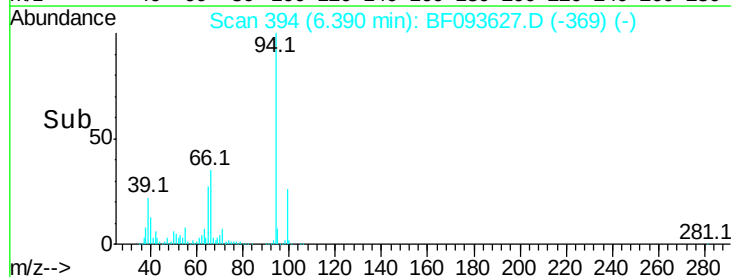
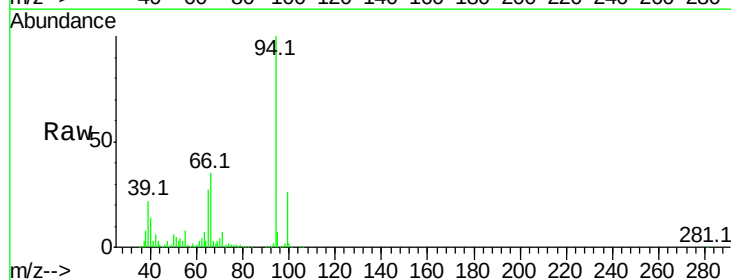
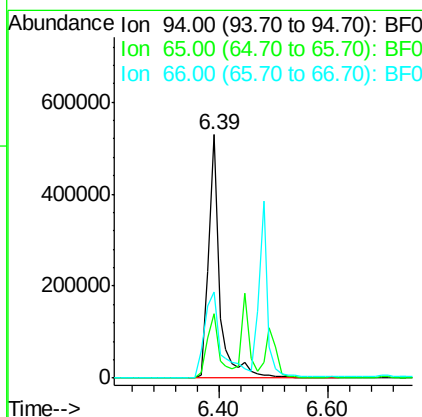
RT: 6.39 min Scan# 394

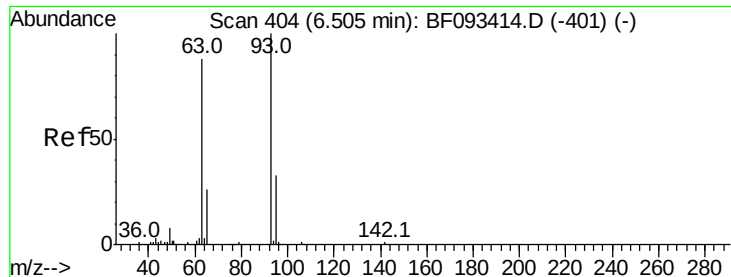
Delta R.T. -0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Tgt Ion:	94	Resp:	760330
Ion Ratio	Lower	Upper	
94	100		
65	26.7	21.4	61.4
66	35.4	44.0	84.0#





#11

bis(2-Chloroethyl)ether

Concen: 56.33 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

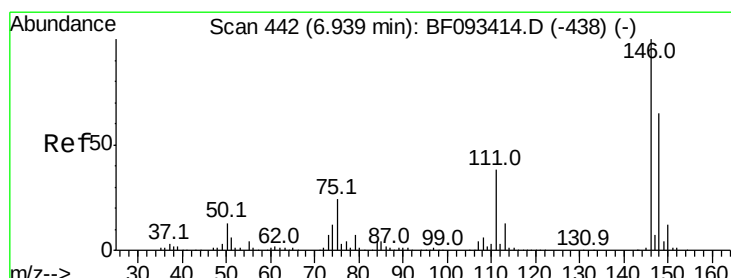
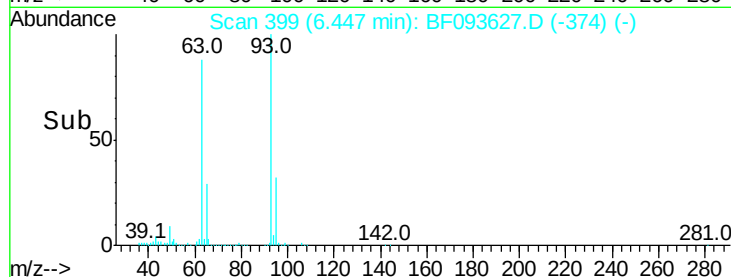
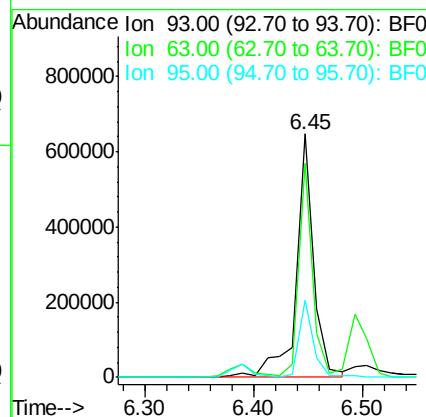
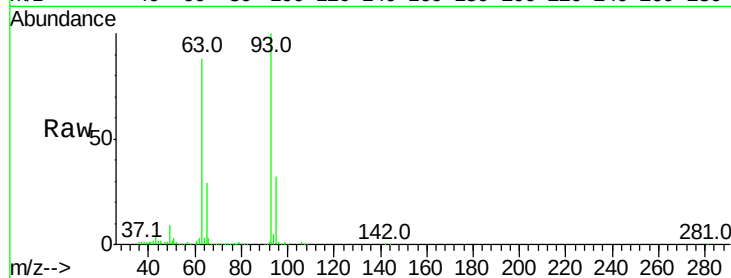
ClientSampleId :

PB97546BS

Tot Ion:	93	Resp:	737783
Ion	Ratio	Lower	Upper
93	100		
63	88.0	60.4	100.4
95	31.6	12.8	52.8

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3/15/2017 5:38:22 PM



#12

1,3-Dichlorobenzene

Concen: 42.79 ng m

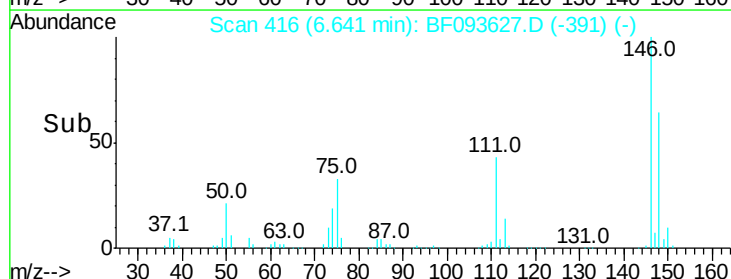
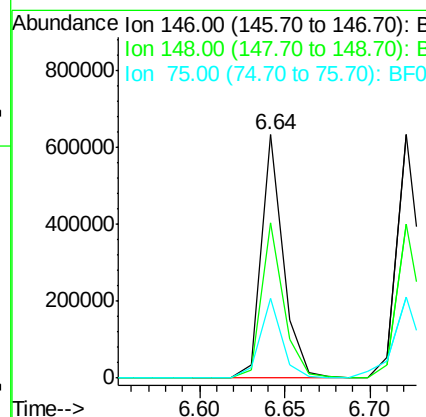
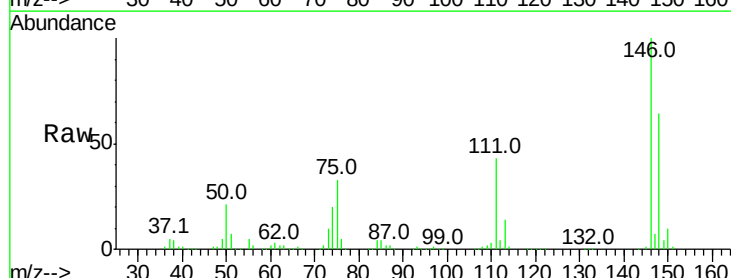
RT: 6.64 min Scan# 416

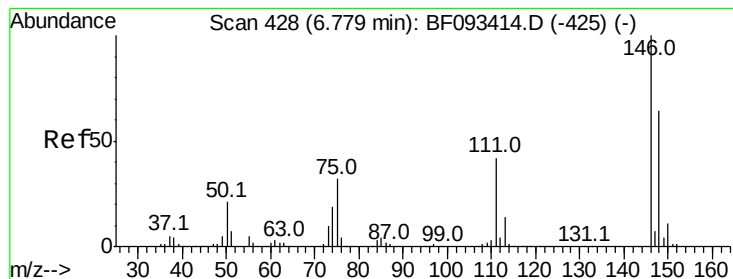
Delta R.T. -0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Tgt Ion:	146	Resp:	575444
Ion	Ratio	Lower	Upper
146	100		
148	64.0	53.4	80.0
75	33.0	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 44.38 ng

RT: 6.72 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

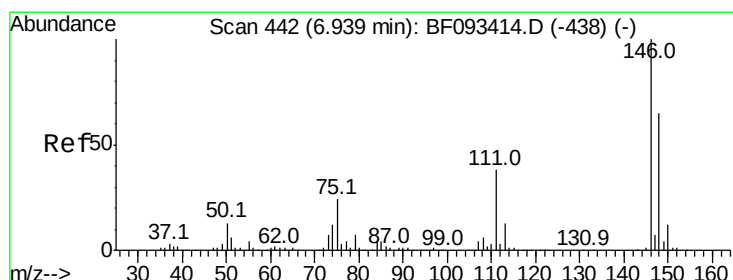
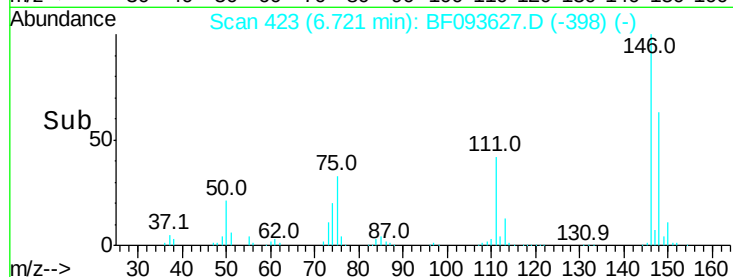
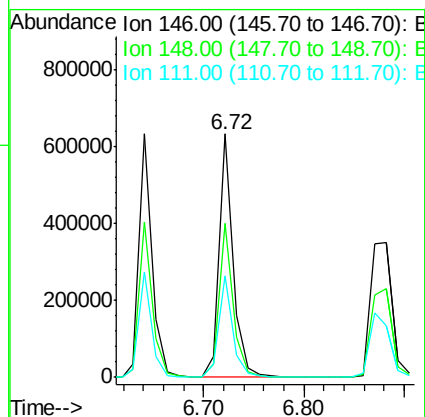
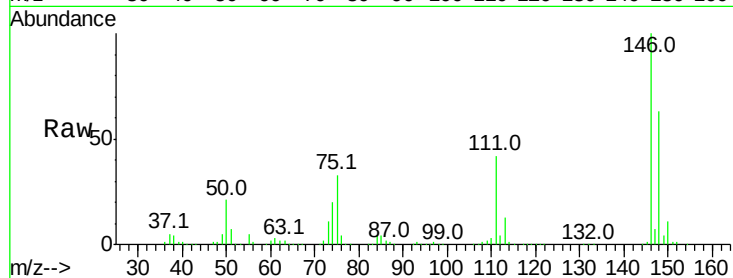
ClientSampleId :

PB97546BS

Tot Ion:	146	Resp:	611035
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.6	76.0
111	41.8	36.2	54.4

Manual Integrations
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mohammad
3/15/2017 5:38:22 PM



#14

1,2-Dichlorobenzene

Concen: 43.13 ng

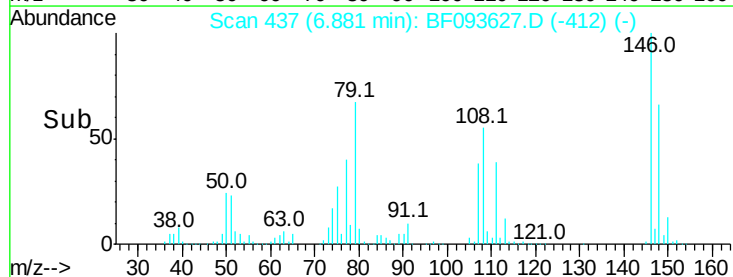
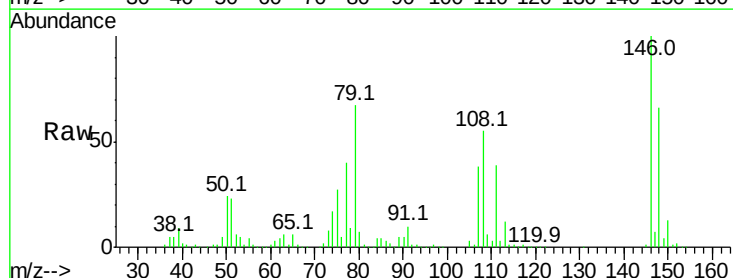
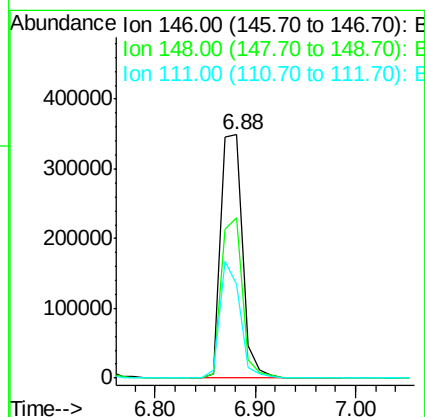
RT: 6.88 min Scan# 437

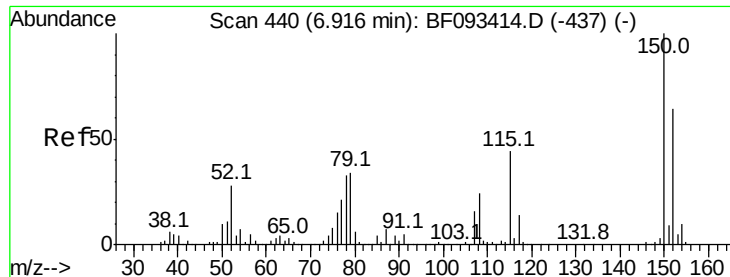
Delta R.T. -0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Tgt Ion:	146	Resp:	525864
Ion Ratio	Lower	Upper	
146	100		
148	65.7	52.2	78.2
111	38.8	36.2	54.2





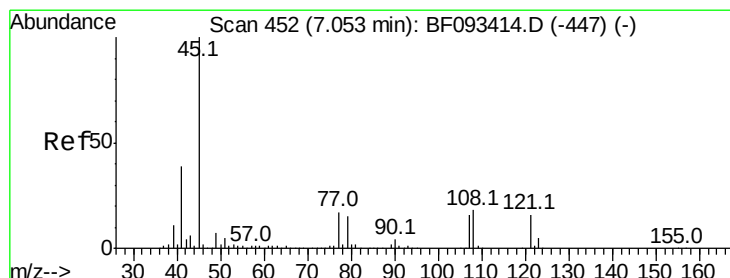
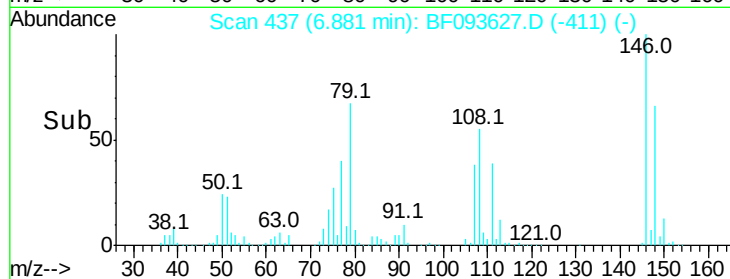
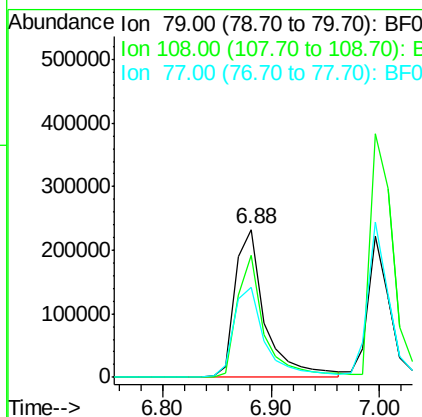
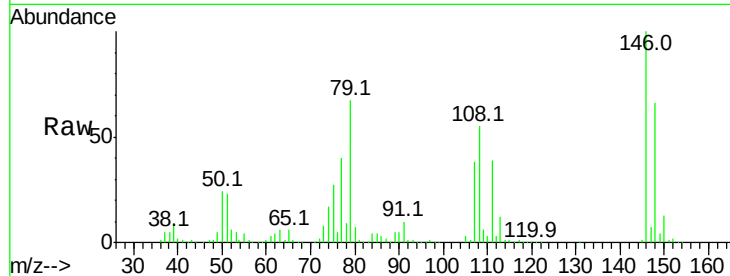
#15
Benzyl Alcohol
Concen: 47.20 ng
RT: 6.88 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Instrument :
BNA_F
ClientSampled :
PB97546BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.3	61.4	92.0
77	60.7	50.9	76.3

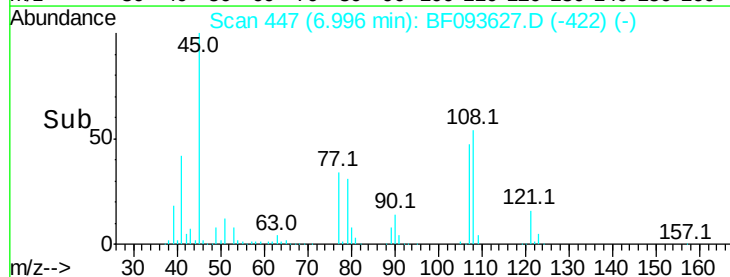
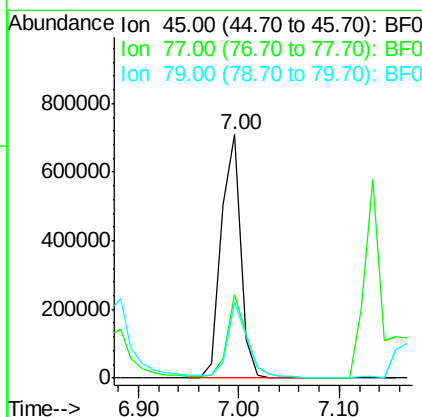
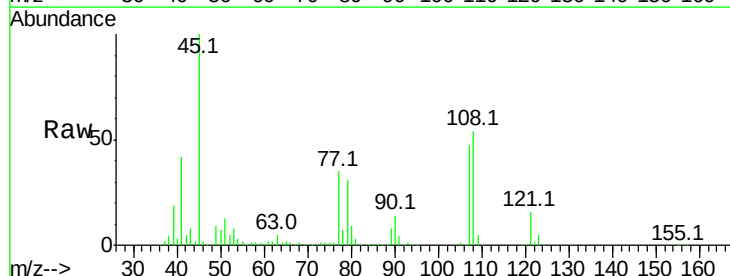
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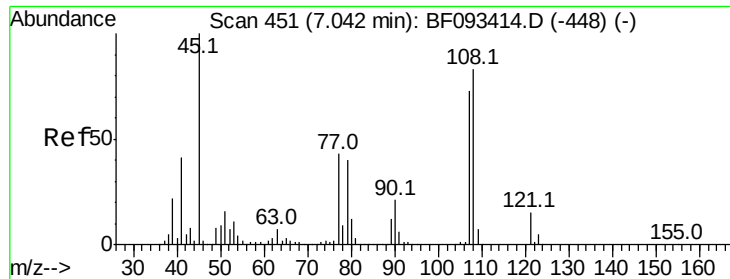
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.67 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion	Ratio	Lower	Upper
45	100		
77	34.5	0.0	34.6
79	31.4	0.0	31.2#





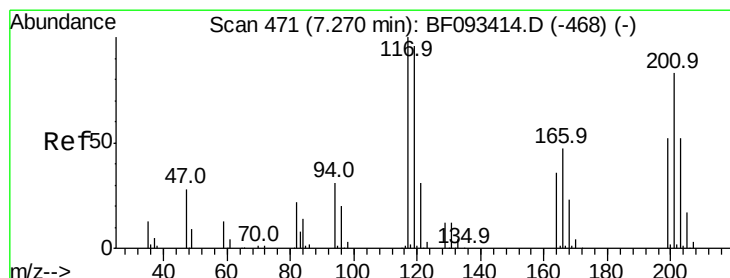
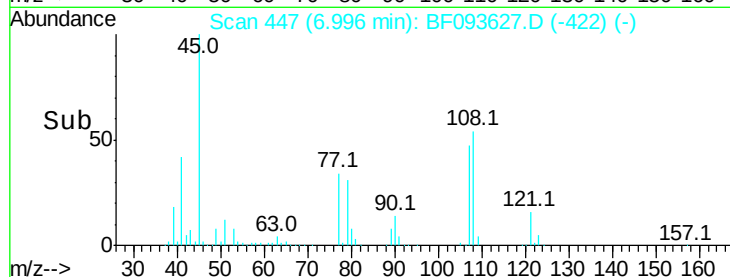
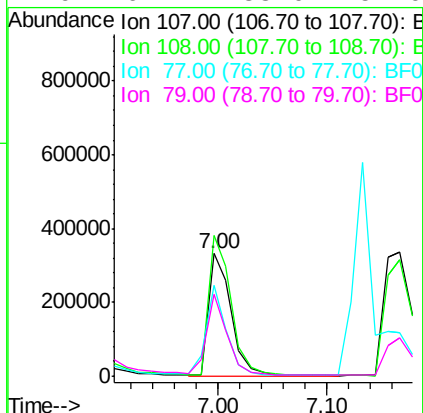
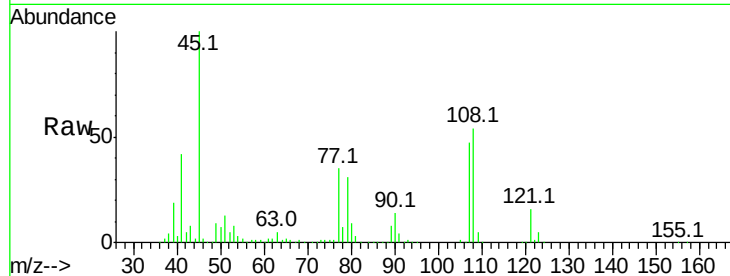
#17
2-Methylphenol
Concen: 47.83 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Instrument :
BNA_F
ClientSampleId :
PB97546BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.5	93.0	139.6
77	73.9	39.8	59.8#
79	67.1	38.0	57.0#

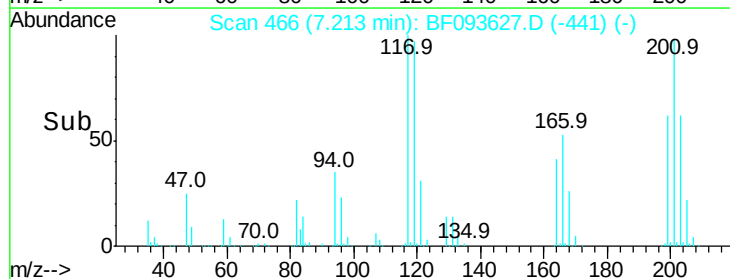
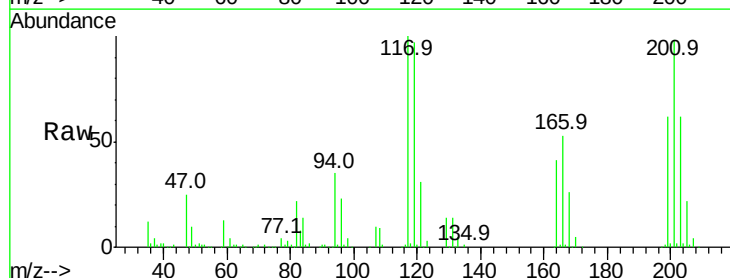
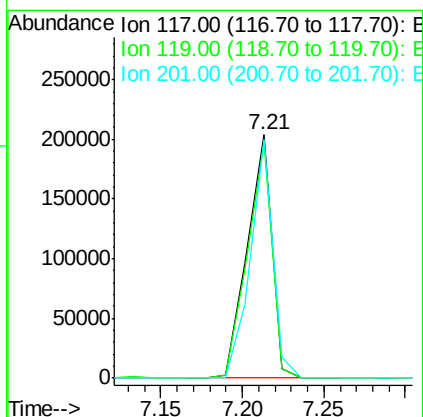
Manual Integrations
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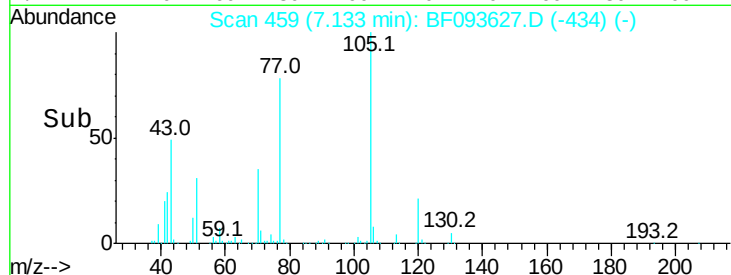
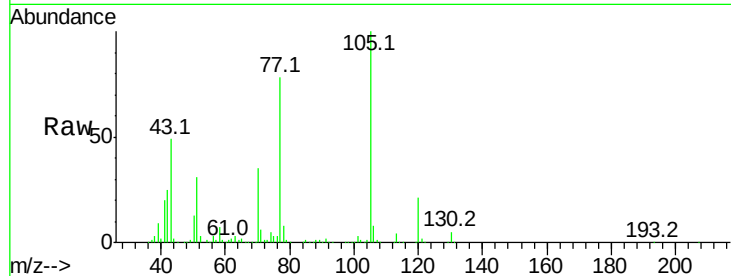
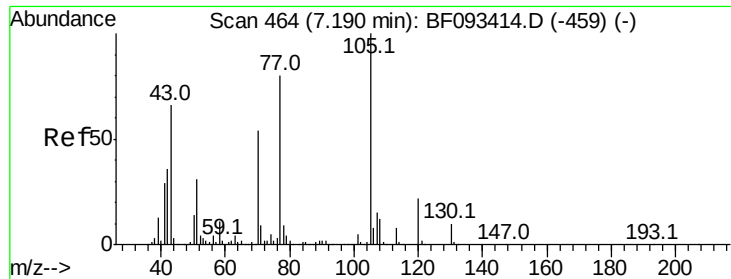
mohammad
3/15/2017 5:38:22 PM



#18
Hexachloroethane
Concen: 45.97 ng
RT: 7.21 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.1	117.1
201	98.1	78.6	117.8





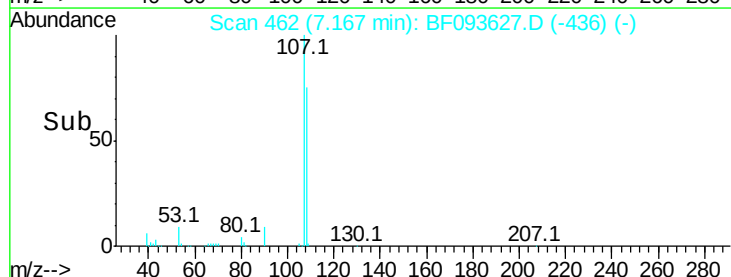
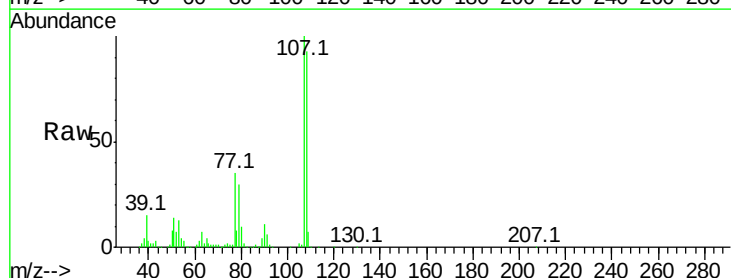
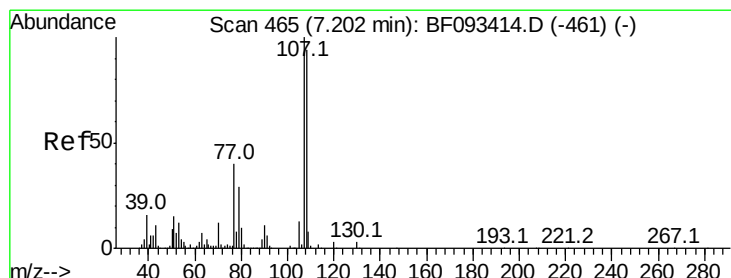
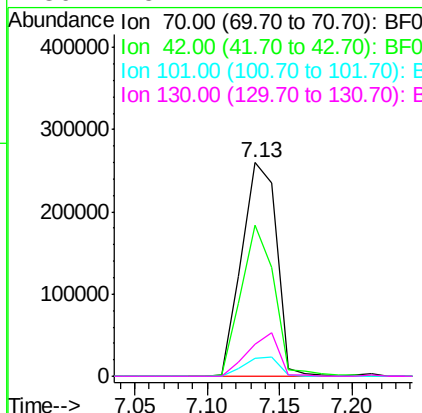
#19
n-Nitroso-di-n-propylamine
Concen: 47.82 ng
RT: 7.13 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Instrument :
BNA_F
ClientSampleId :
PB97546BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.9	49.4	74.0
101	8.5	7.4	11.2
130	15.1	14.2	21.4

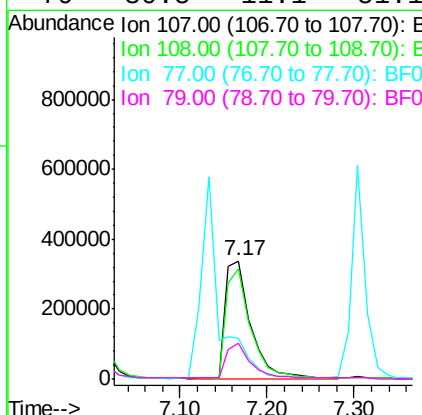
Manual Integrations
APPROVED

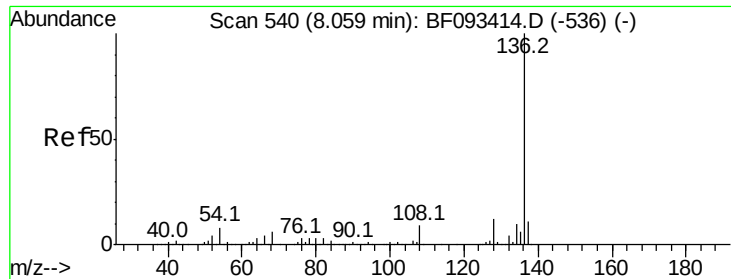
mohammad
3/15/2017 5:38:22 PM



#20
3+4-Methylphenols
Concen: 53.17 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.5	73.0	113.0
77	34.9	71.3	111.3
79	30.5	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

PB97546BS

Tot Ion:136 Resp: 735890

Ion Ratio Lower Upper

136 100

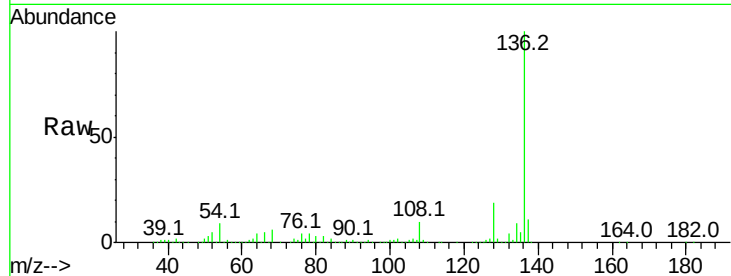
137 10.8 8.4 12.6

54 8.6 4.5 6.7#

68 6.2 3.6 5.4#

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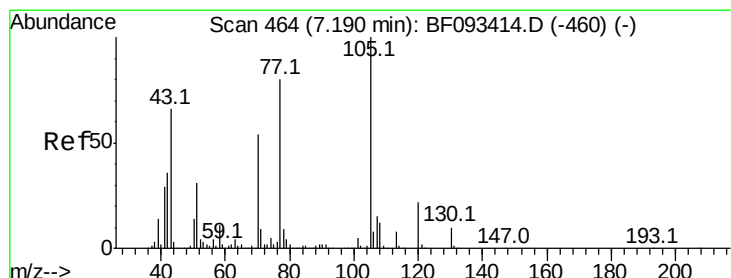
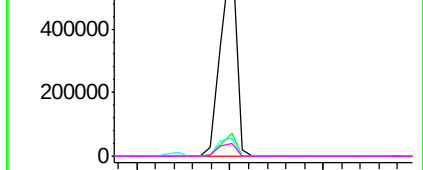
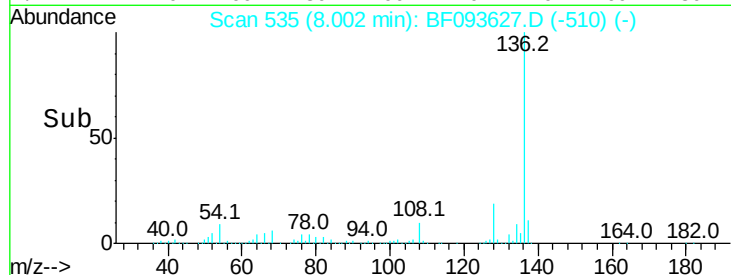
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->



#22

Acetophenone

Concen: 44.37 ng

RT: 7.13 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Tgt Ion:105 Resp: 785743

Ion Ratio Lower Upper

105 100

71 5.8 3.2 4.8#

51 30.8 26.2 39.4

120 21.2 16.6 24.8

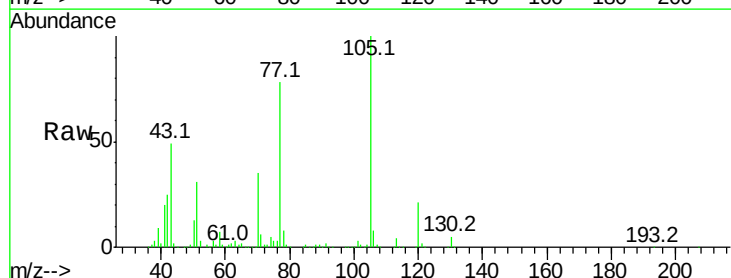
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



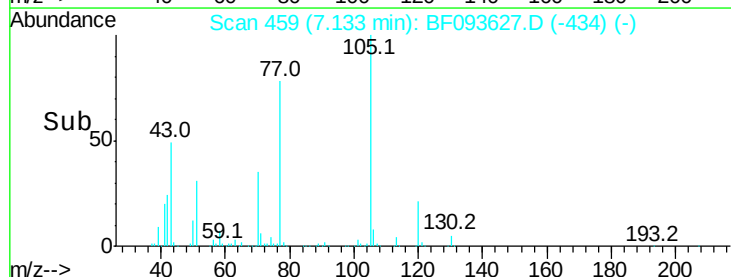
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



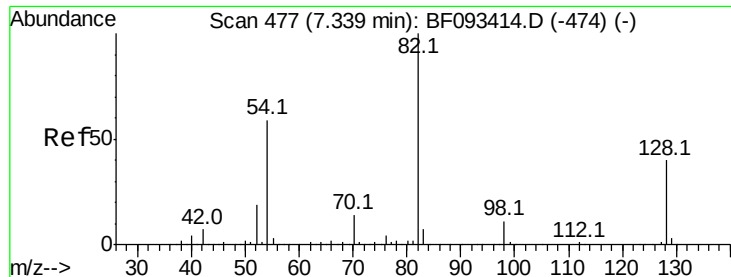
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



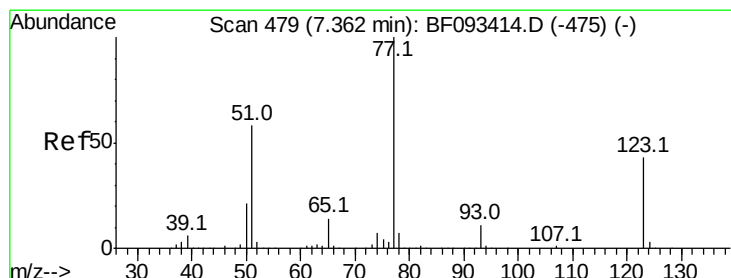
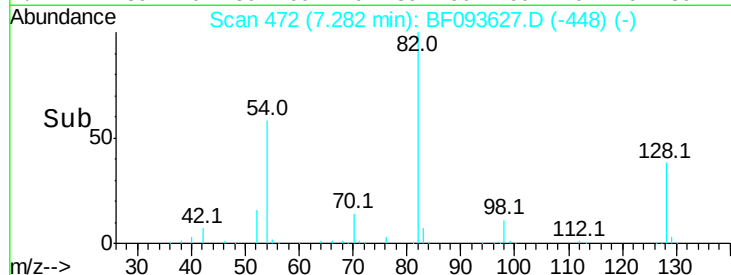
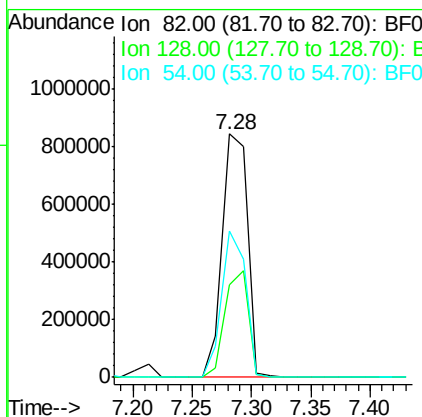
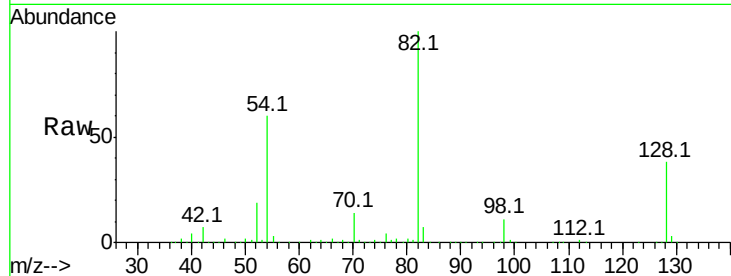
#23
Nitrobenzene-d5
Concen: 93.82 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Instrument :
BNA_F
ClientSampleId :
PB97546BS

Tot Ion	82	Resp	1244390
Ion Ratio	100	Lower	Upper
82	100		
128	38.1	34.6	52.0
54	59.8	39.5	59.3

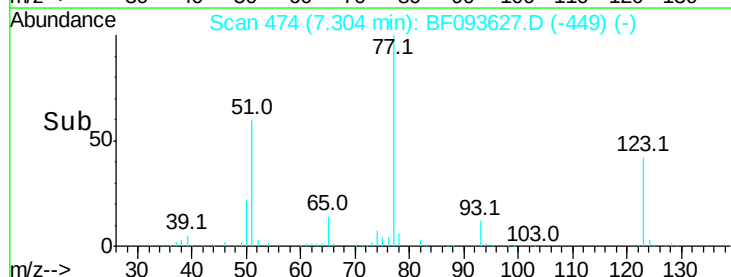
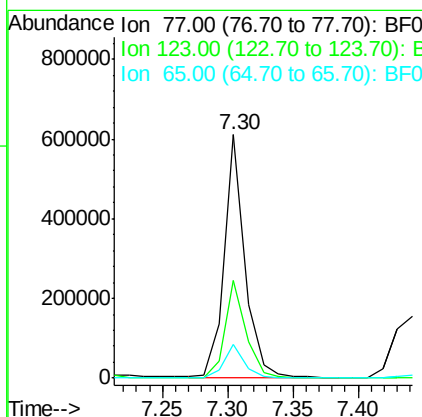
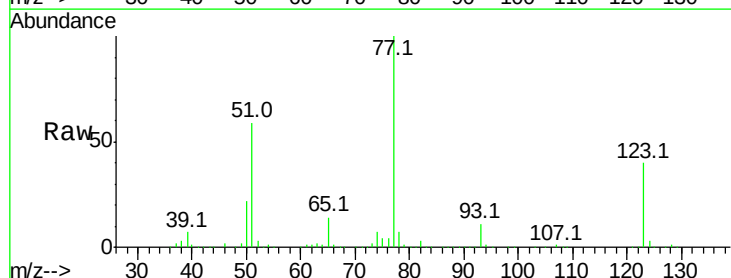
Manual Integrations
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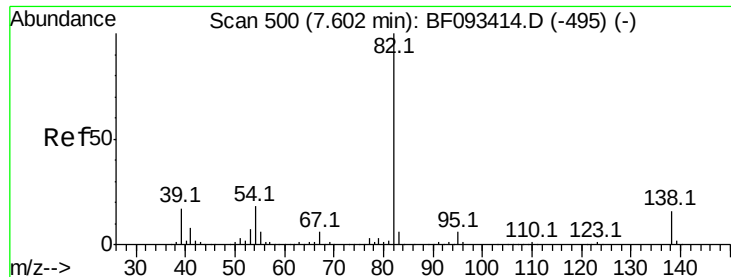
mohammad
3/15/2017 5:38:22 PM



#24
Nitrobenzene
Concen: 44.74 ng
RT: 7.30 min Scan# 474
Delta R.T. -0.01 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion	77	Resp	666867
Ion Ratio	100	Lower	Upper
77	100		
123	40.3	33.0	49.4
65	14.0	11.2	16.8





#25

Isophorone

Concen: 42.36 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

PB97546BS

Tot Ion: 82 Resp: 1132886

Ion Ratio Lower Upper

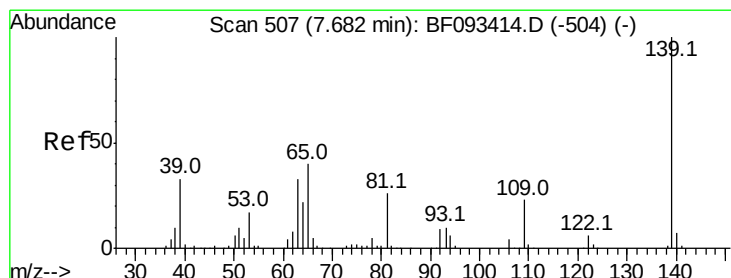
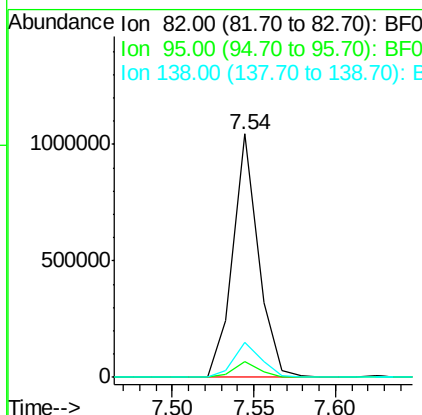
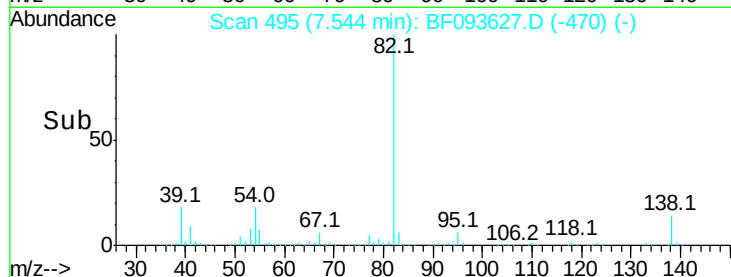
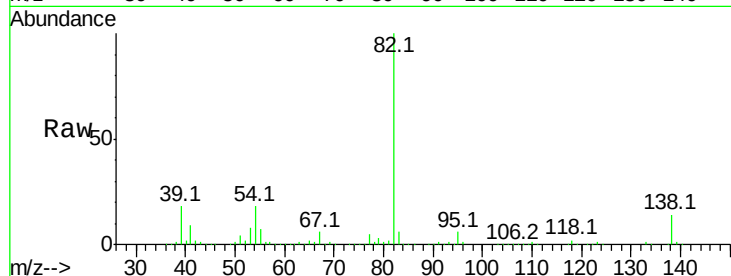
82 100

95 6.4 5.6 8.4

138 14.4 14.6 22.0#

Manual Integrations
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3/15/2017 5:38:22 PM



#26

2-Nitrophenol

Concen: 44.43 ng

RT: 7.62 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

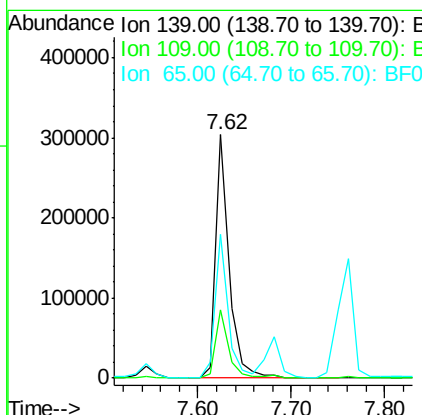
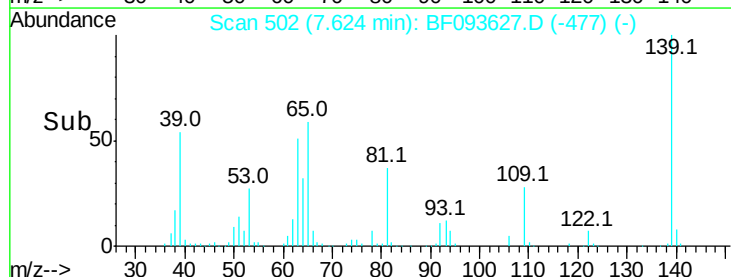
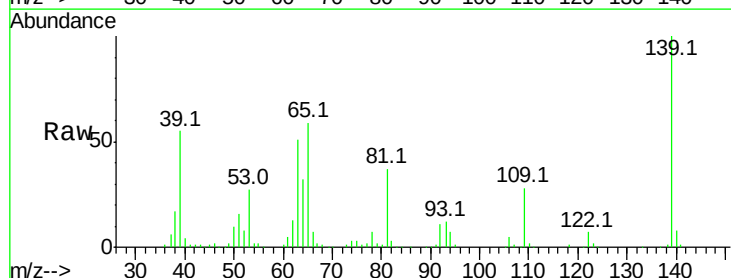
Tgt Ion:139 Resp: 302184

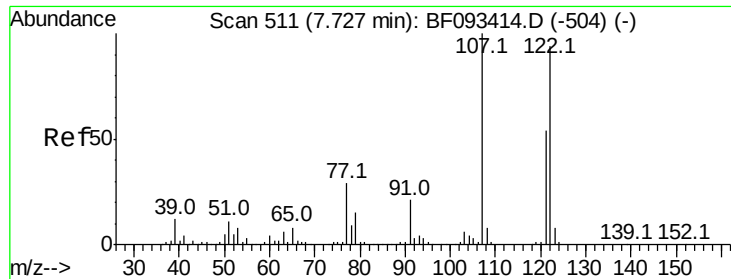
Ion Ratio Lower Upper

139 100

109 27.8 23.3 34.9

65 59.2 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 45.33 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

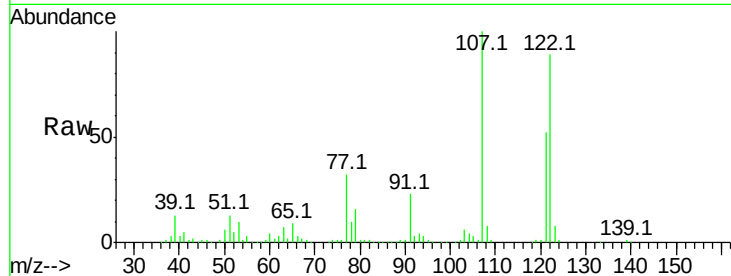
ClientSampleId :

PB97546BS

Tot Ion:	122	Resp:	501484
Ion Ratio	Lower	Upper	
122	100		
107	112.6	94.1	141.1
121	58.3	46.0	69.0

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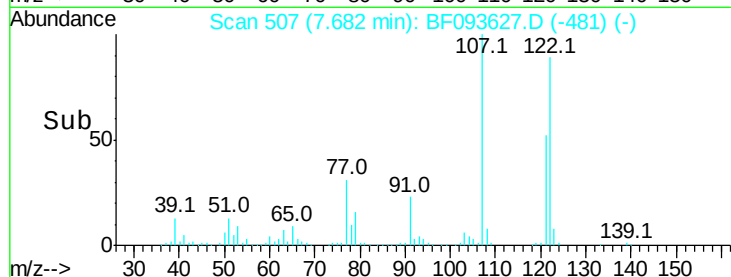


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Time-->



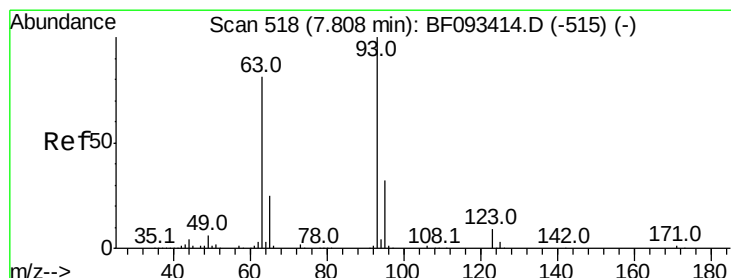
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 44.74 ng

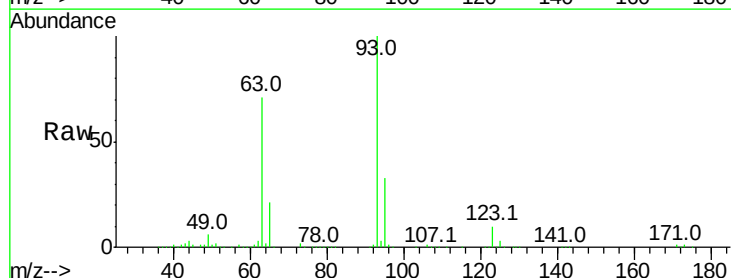
RT: 7.76 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Tgt Ion:	93	Resp:	755432
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.5	39.7
123	10.4	8.6	13.0

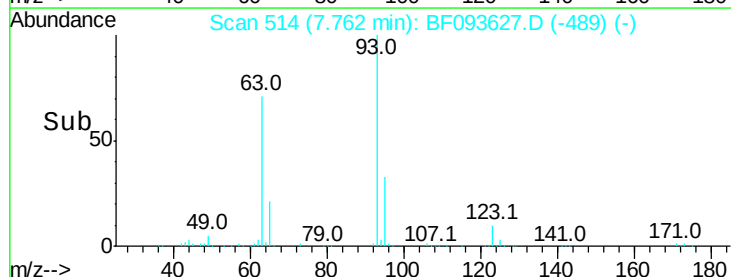


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

Time-->



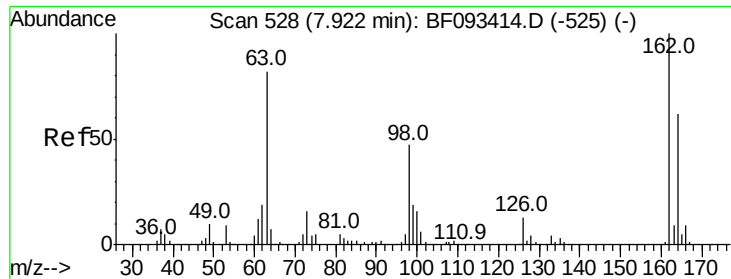
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

Time-->



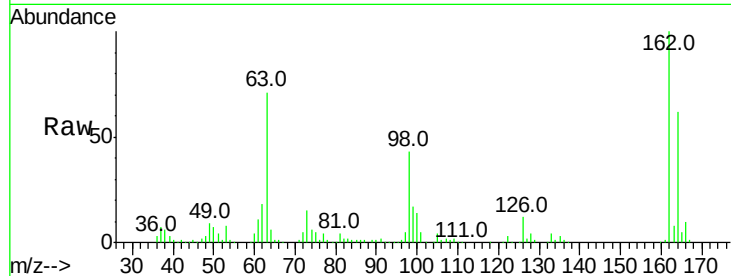
#29
 2,4-Dichlorophenol
 Concen: 47.90 ng
 RT: 7.89 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Instrument :
 BNA_F
 ClientSampleId :
 PB97546BS

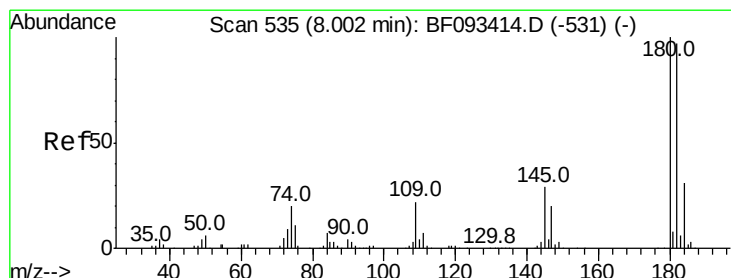
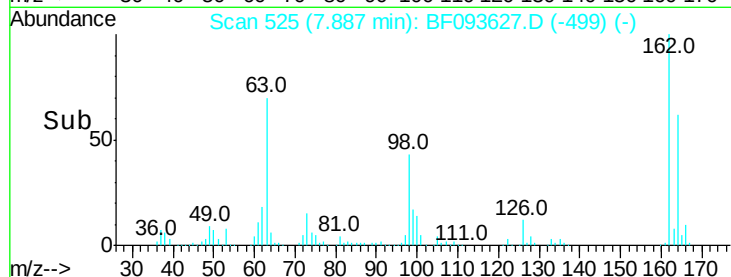
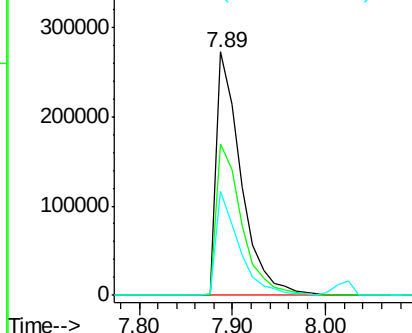
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.2	46.8	86.8
98	42.9	9.1	49.1

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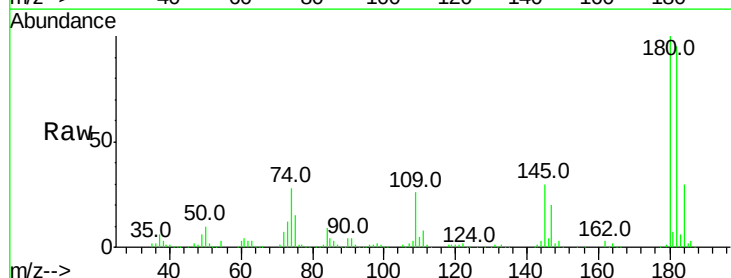


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

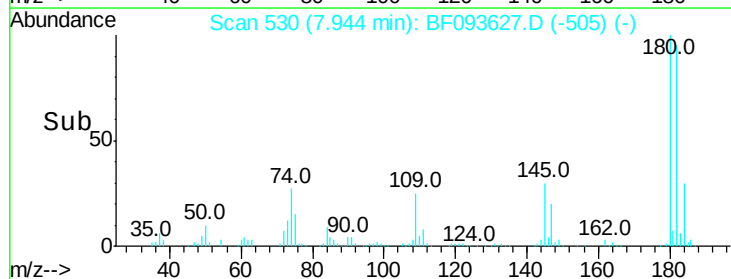
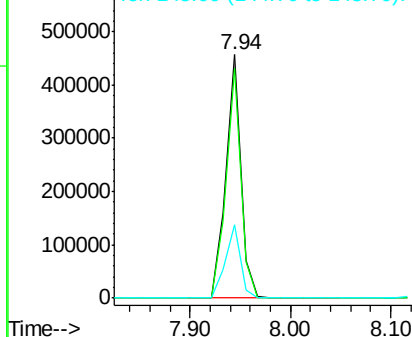


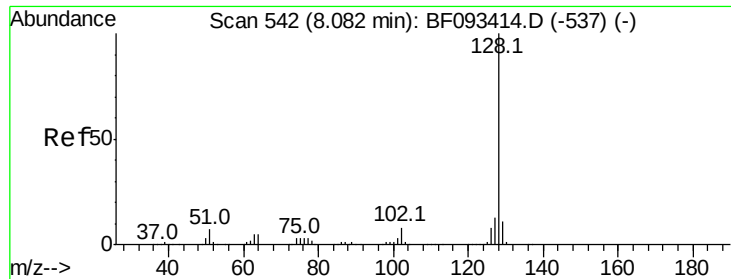
#30
 1,2,4-Trichlorobenzene
 Concen: 42.95 ng
 RT: 7.94 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.5	78.2	117.4
145	30.2	21.6	32.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





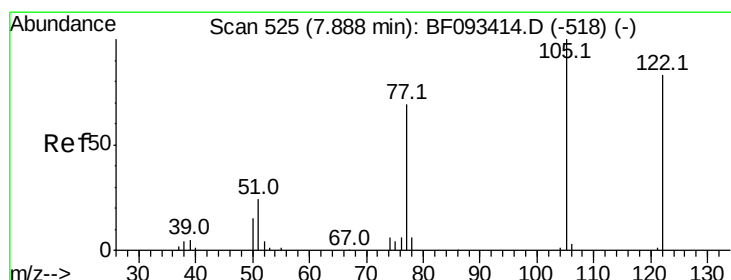
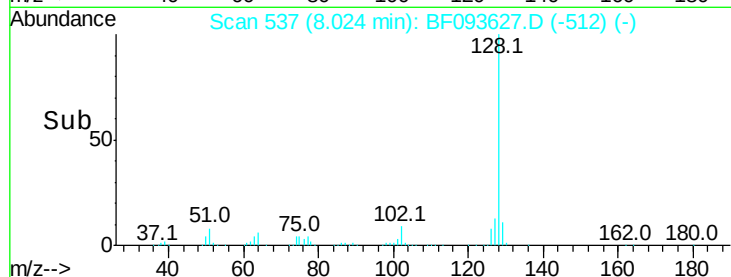
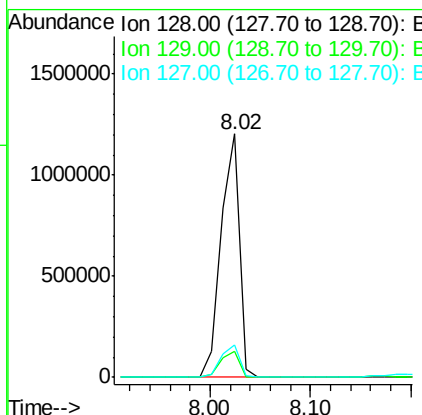
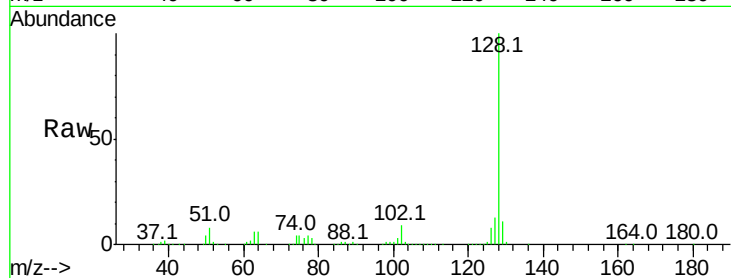
#31
Naphthalene
Concen: 41.43 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Instrument :
BNA_F
ClientSampleId :
PB97546BS

Tot Ion:128 Resp: 1527679
Ion Ratio Lower Upper
128 100
129 10.6 9.5 14.3
127 13.4 10.8 16.2

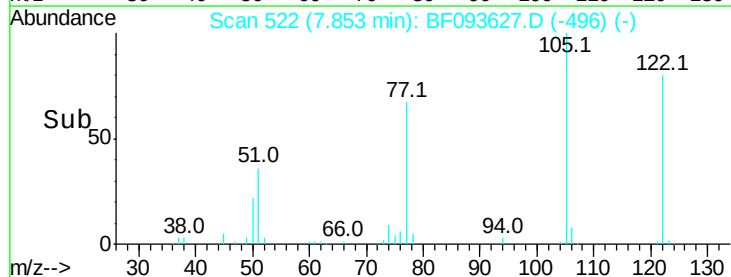
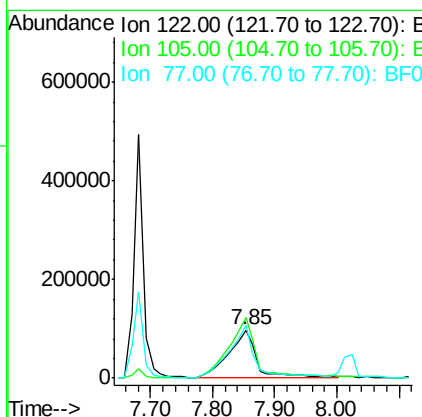
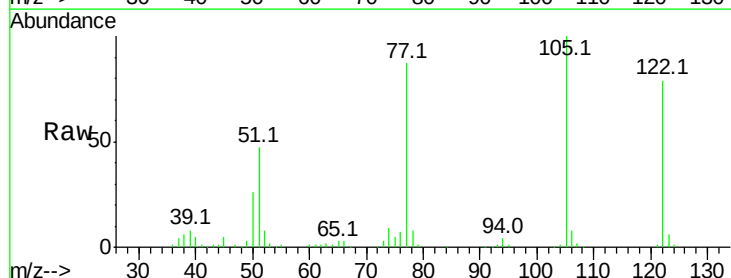
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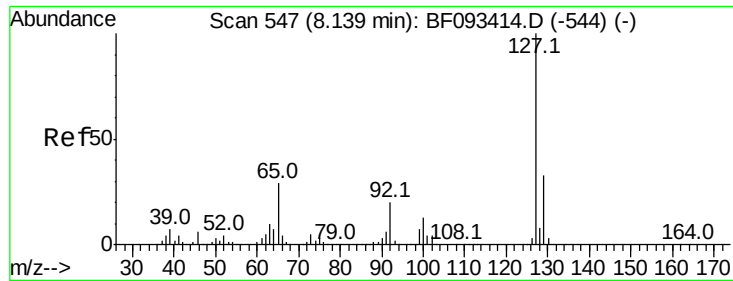
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#32
Benzoic acid
Concen: 51.12 ng
RT: 7.85 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion:122 Resp: 293915
Ion Ratio Lower Upper
122 100
105 125.9 107.2 147.2
77 109.9 74.5 114.5





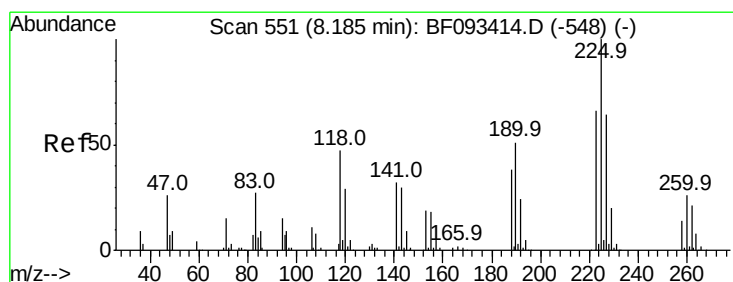
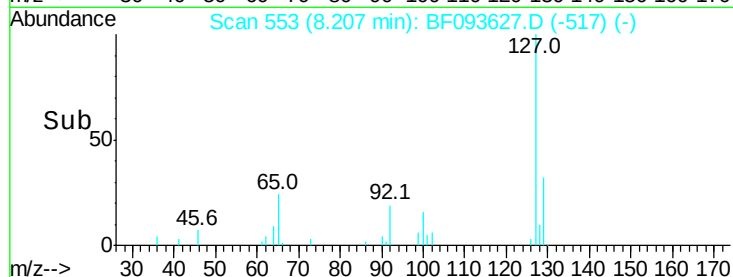
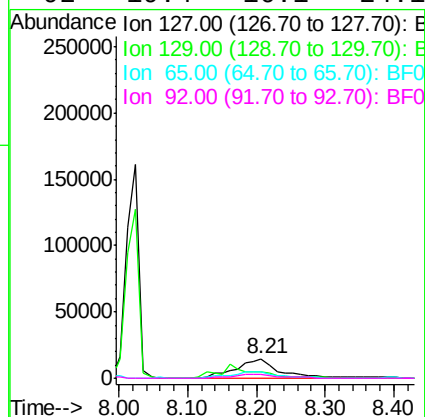
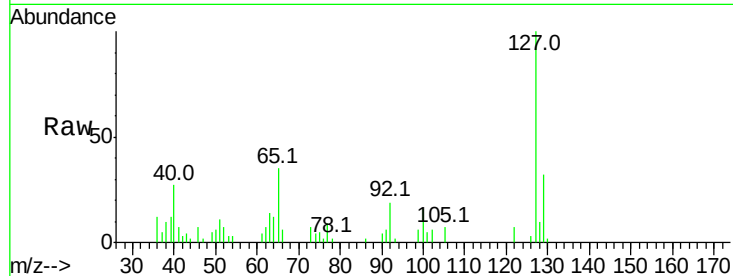
#33
4-Chloroaniline
Concen: 4.31 ng
RT: 8.21 min Scan# 553
Delta R.T. 0.11 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Instrument :
BNA_F
ClientSampleId :
PB97546BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.3	39.5		
65	35.5	25.8	38.8		
92	19.4	16.1	24.1		

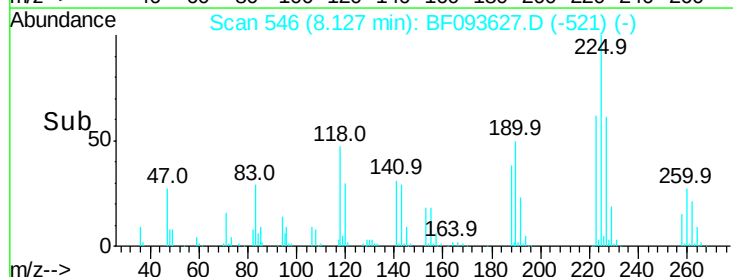
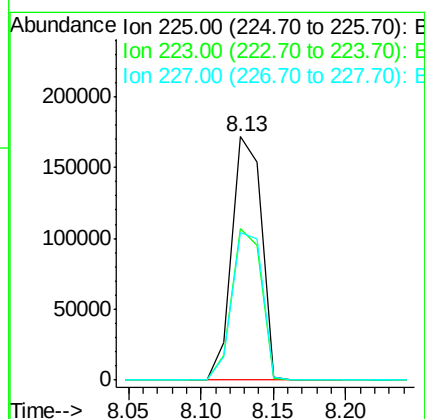
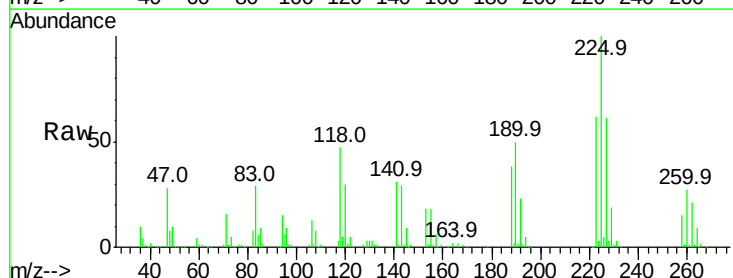
Manual Integrations
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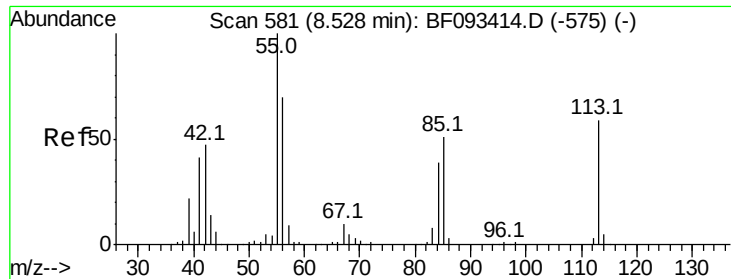
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#34
Hexachlorobutadiene
Concen: 42.82 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.1	51.0	76.6		
227	60.7	50.6	76.0		





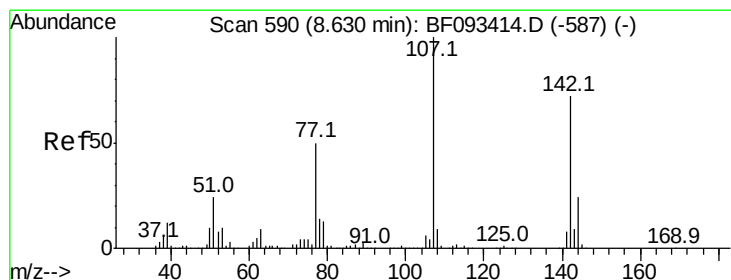
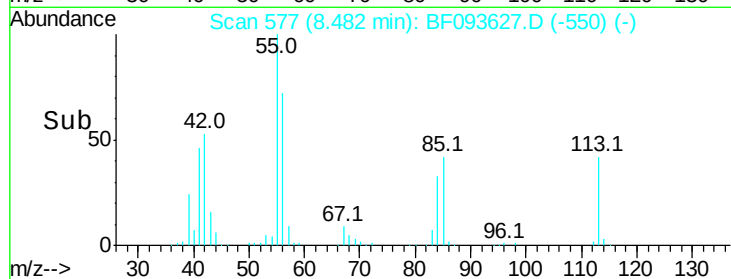
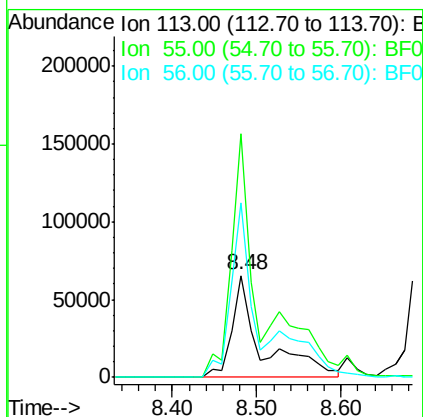
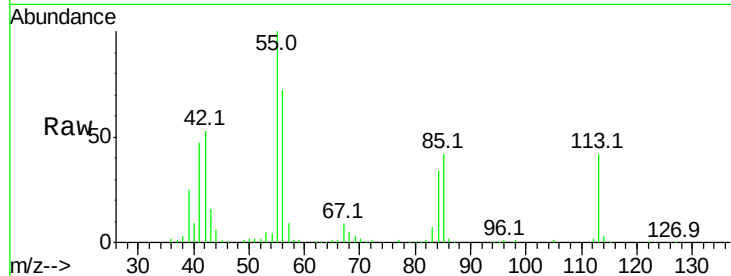
#35
Caprolactam
Concen: 45.87 ng/ml
RT: 8.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Instrument :
BNA_F
ClientSampleId :
PB97546BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	238.9	119.2	159.2#
56	171.6	83.8	123.8#

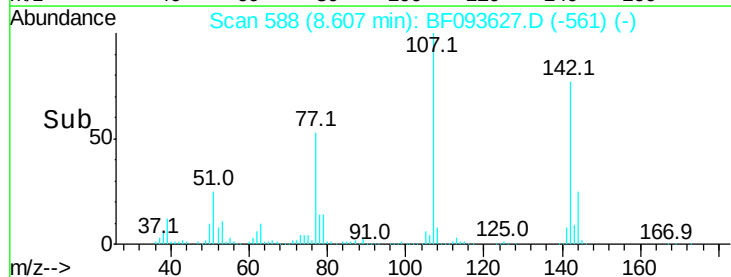
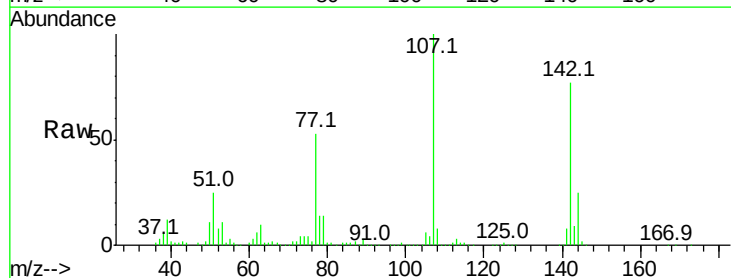
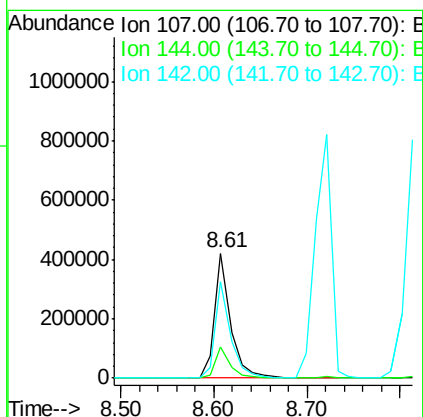
Manual Integrations
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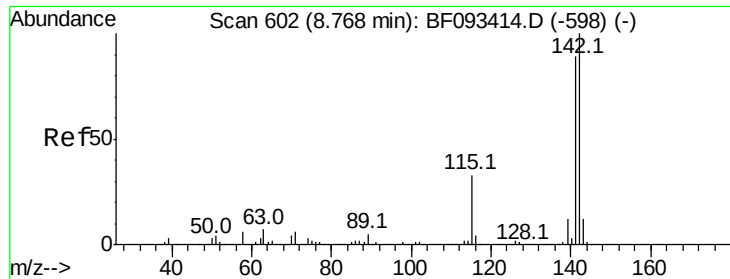
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 45.26 ng/ml
RT: 8.61 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	19.3	28.9
142	76.8	59.0	88.6





#37
 2-Methylnaphthalene
 Concen: 42.95 ng
 RT: 8.72 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

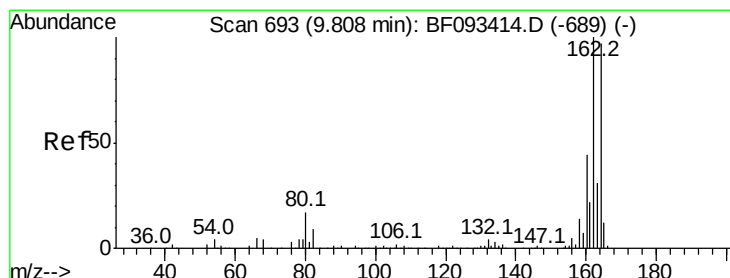
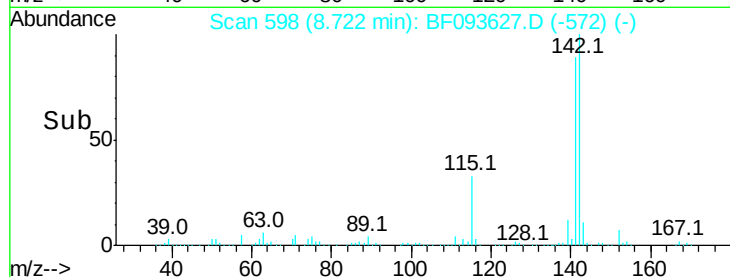
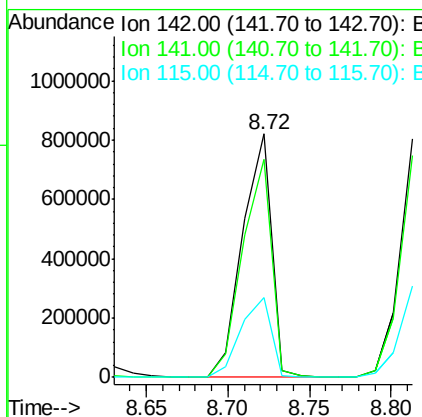
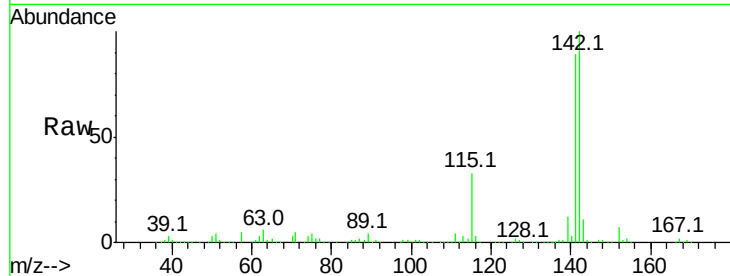
Instrument :
 BNA_F
 ClientSampled :
 PB97546BS

Tot Ion:142 Resp: 1007795

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	32.5	28.3	42.5

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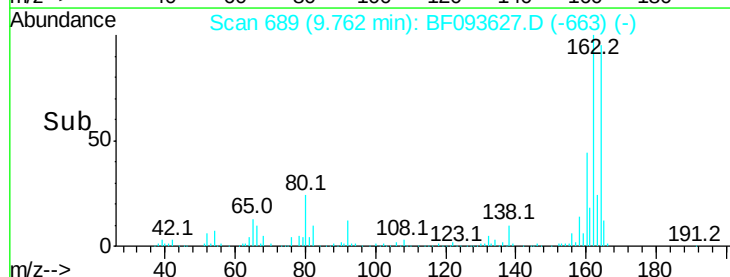
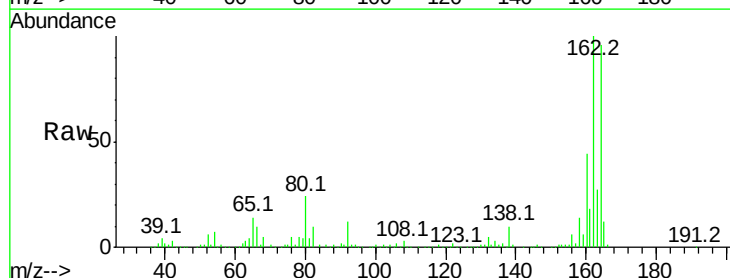
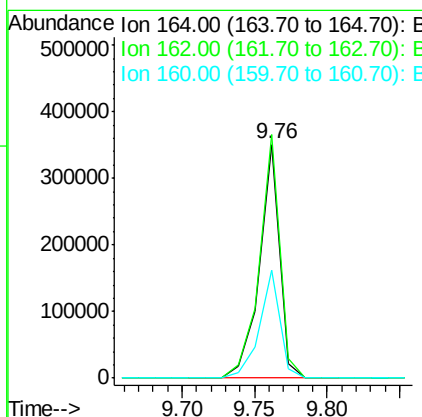
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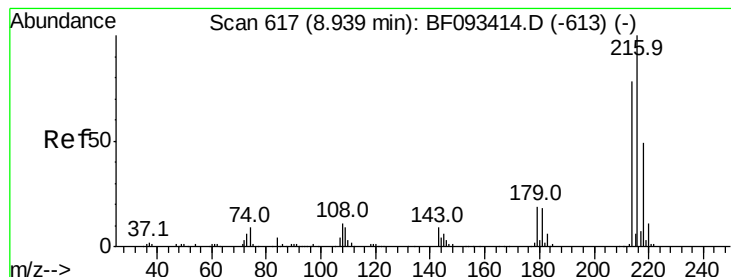


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Tgt Ion:164 Resp: 338097

Ion	Ratio	Lower	Upper
164	100		
162	104.3	80.2	120.2
160	46.1	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.36 ng

RT: 8.88 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

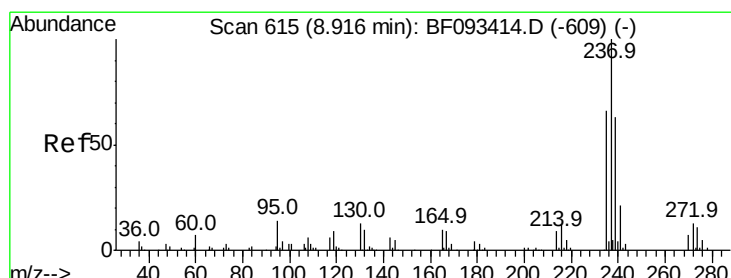
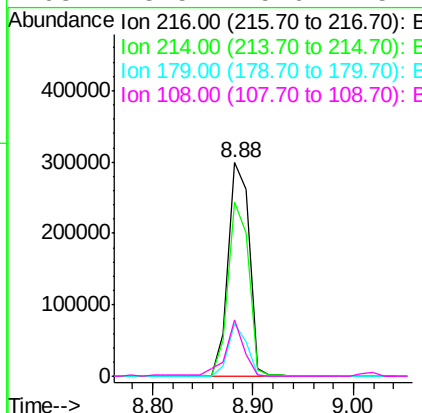
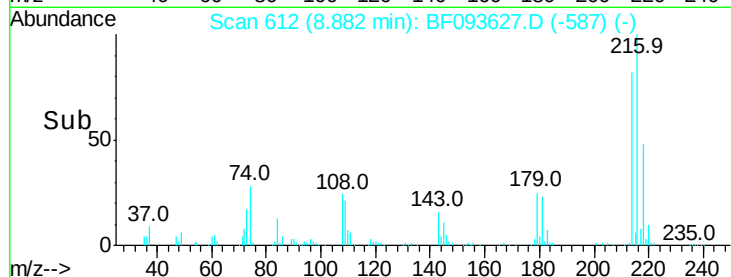
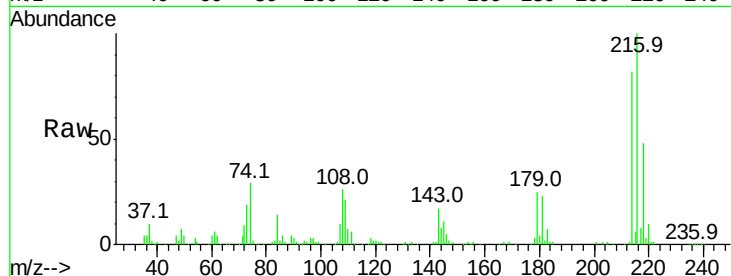
ClientSampleId :

PB97546BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	437280		
214	79.9		63.4	95.0
179	21.7		17.4	26.2
108	23.5		15.6	23.4

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#40

Hexachlorocyclopentadiene

Concen: 102.33 ng

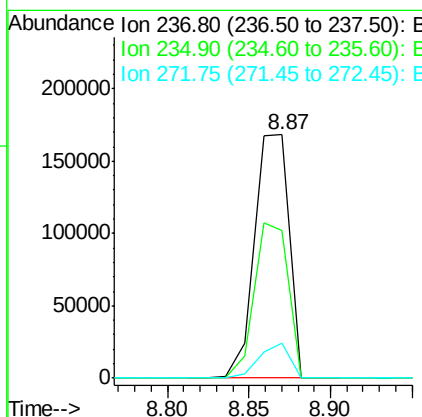
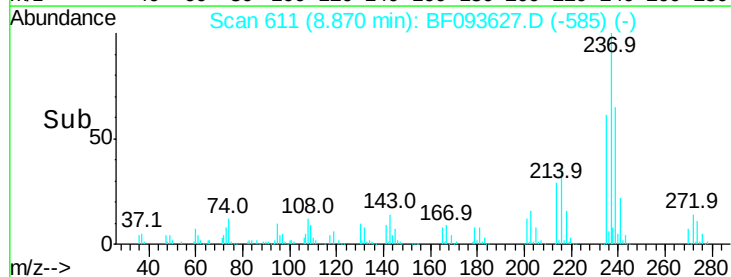
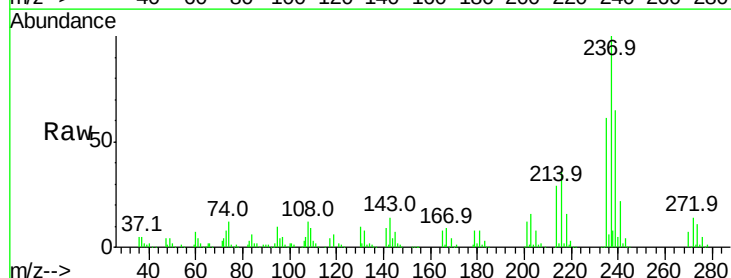
RT: 8.87 min Scan# 611

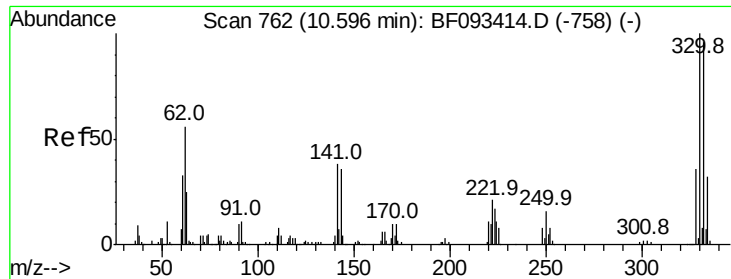
Delta R.T. -0.00 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	247628		
235	60.7		41.2	81.2
272	14.1		0.0	35.4





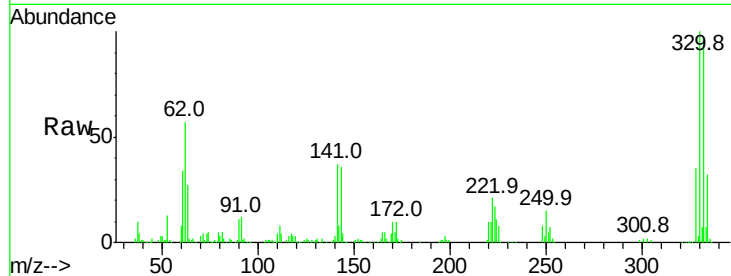
#41
 2,4,6-Tribromophenol
 Concen: 141.37 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Instrument :
 BNA_F
 ClientSampleId :
 PB97546BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	311401		
332	97.1	77.4	116.2	
141	44.3	34.1	51.1	

Manual Integrations
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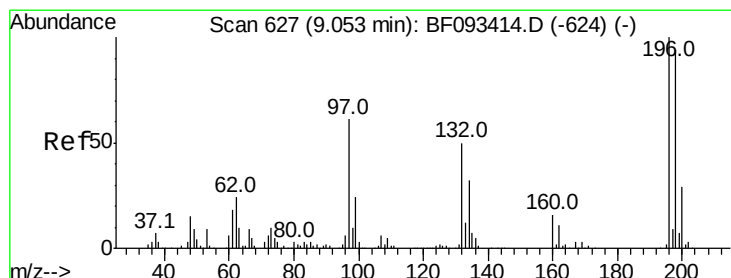
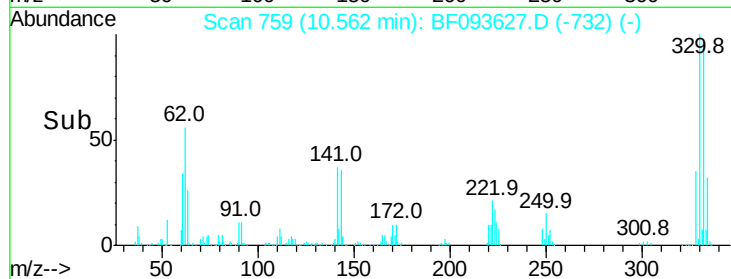
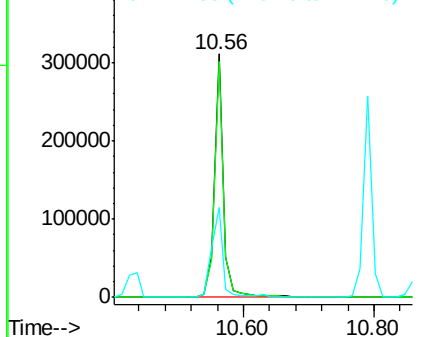


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 51.75 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

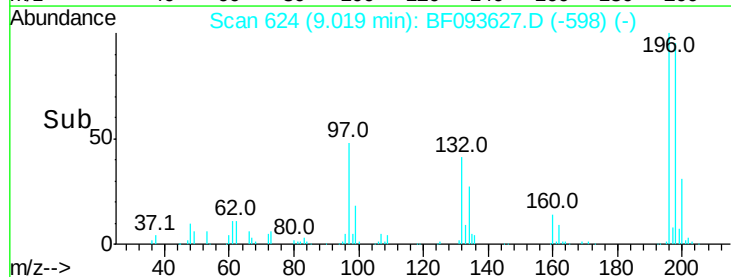
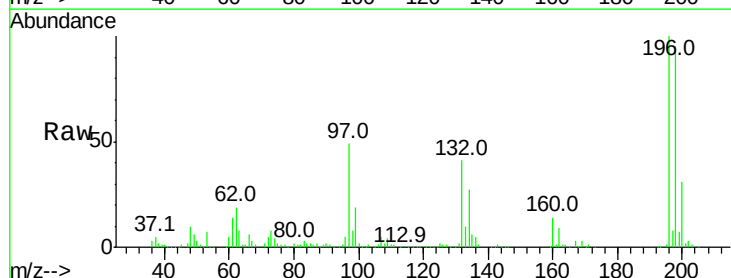
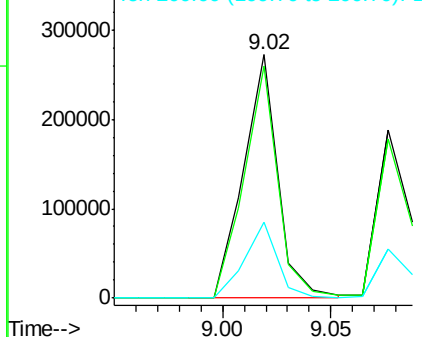
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	298521		
198	95.1	82.1	123.1	
200	31.0	27.0	40.4	

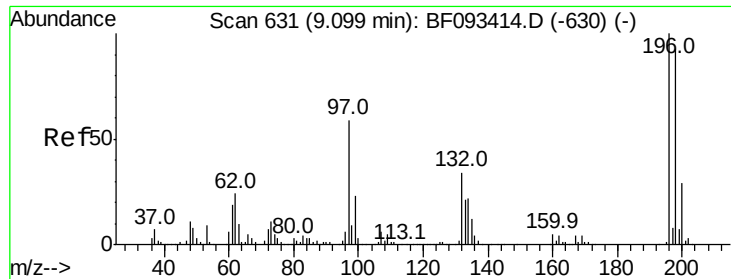
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





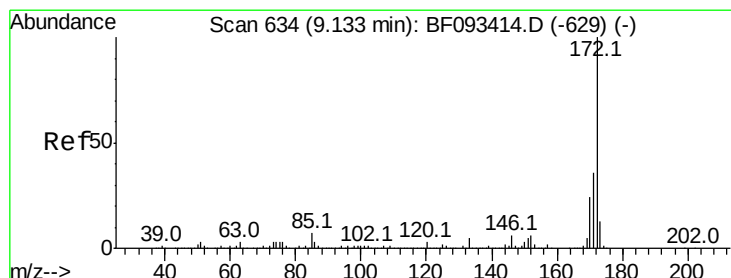
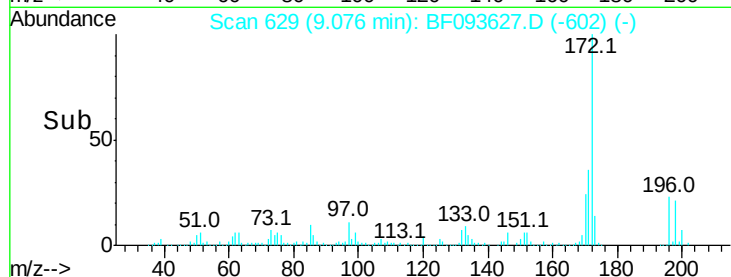
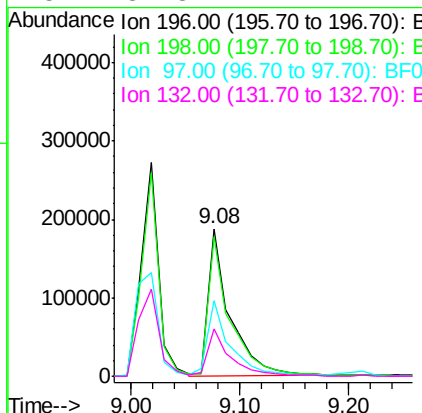
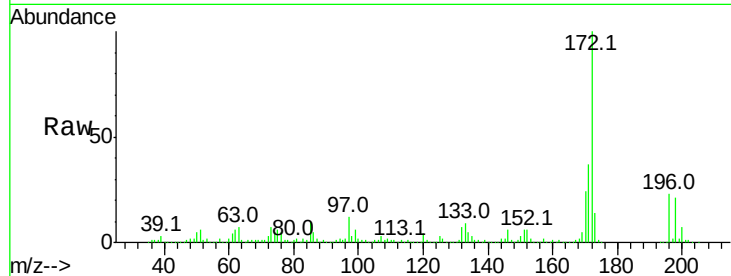
#43
 2,4,5-Trichlorophenol
 Concen: 42.49 ng
 RT: 9.08 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Instrument :
 BNA_F
 ClientSampleId :
 PB97546BS

Tot Ion	196	Resp	262952
Ion Ratio	100	Lower	Upper
196	100		
198	94.7	79.4	119.2
97	51.1	51.5	77.3
132	31.8	27.4	41.2

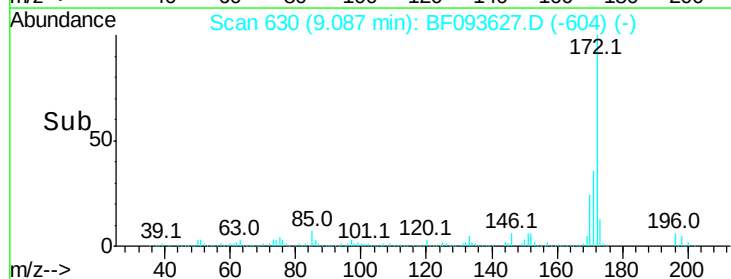
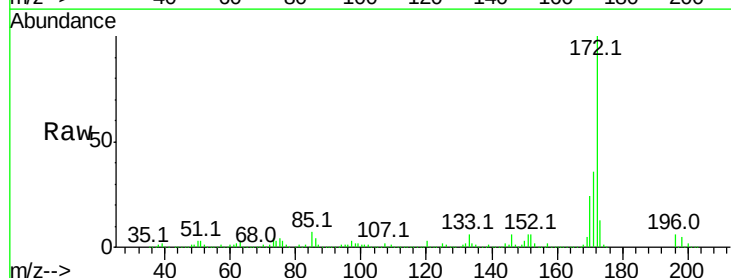
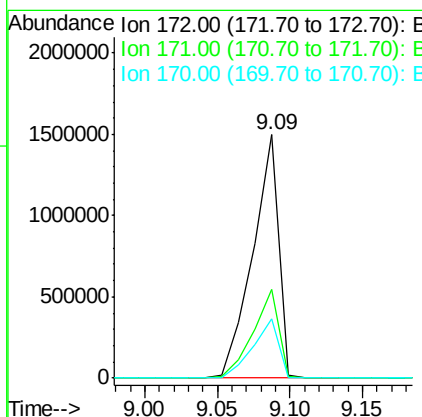
Manual Integrations
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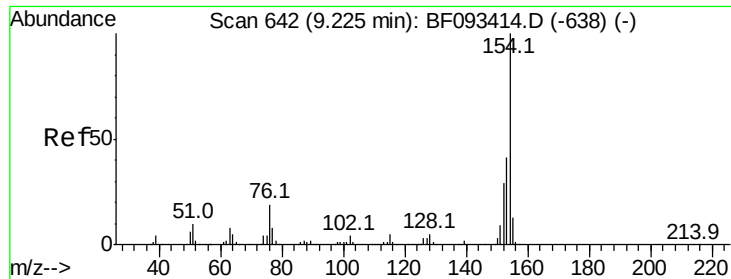
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 102.53 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Tgt Ion	172	Resp	1863685
Ion Ratio	100	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.4	20.2	30.4





#45

1,1'-Biphenyl

Concen: 48.25 ng

RT: 9.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

PB97546BS

Tot Ion:154 Resp: 1188281

Ion Ratio Lower Upper

154 100

153 40.9 20.9 60.9

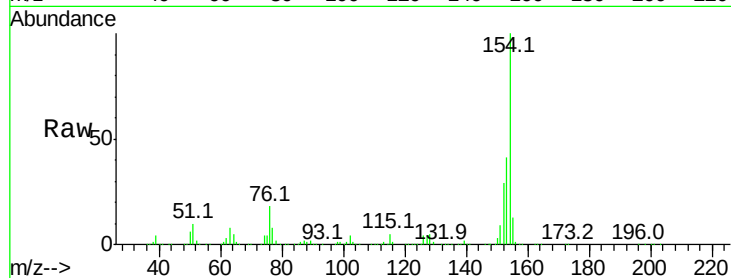
76 18.0 0.0 30.5

Manual Integrations

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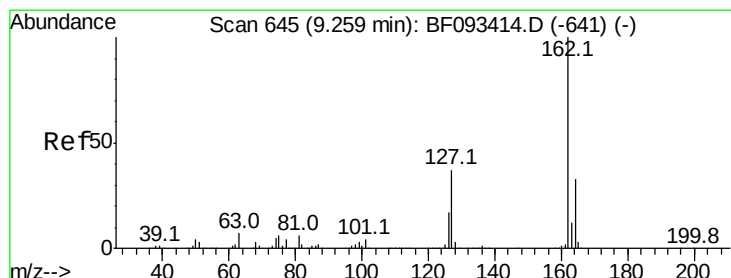
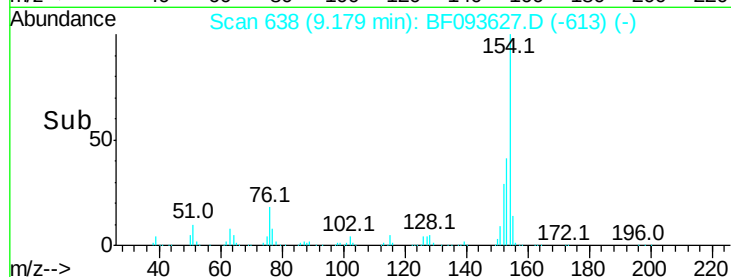
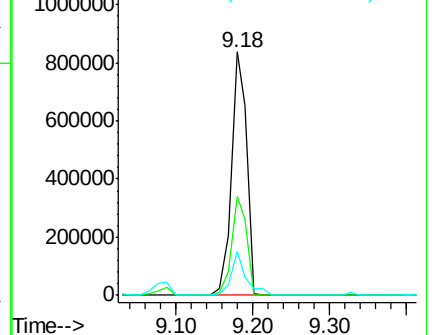
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 52.46 ng

RT: 9.21 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

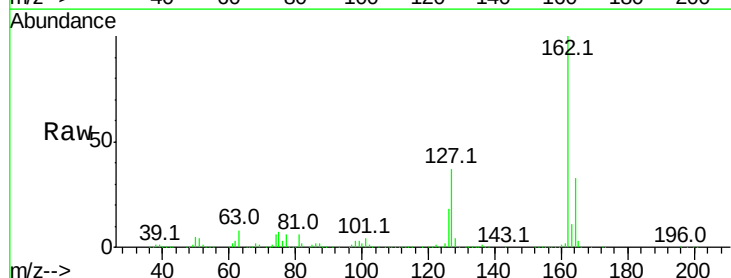
Tgt Ion:162 Resp: 989071

Ion Ratio Lower Upper

162 100

127 36.6 30.7 46.1

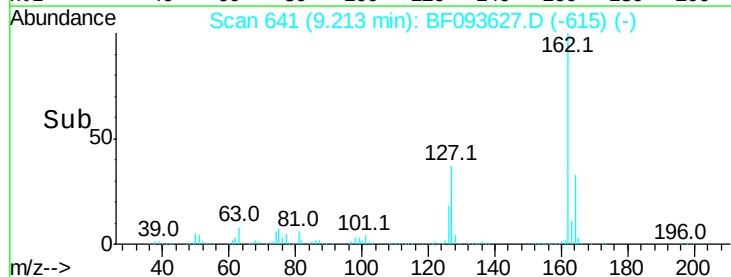
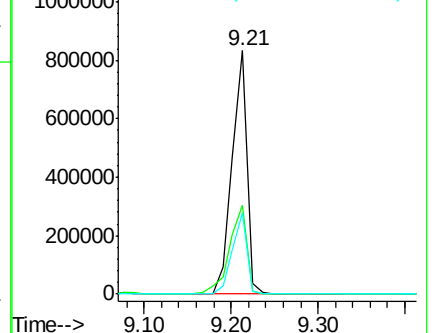
164 33.4 27.6 41.4

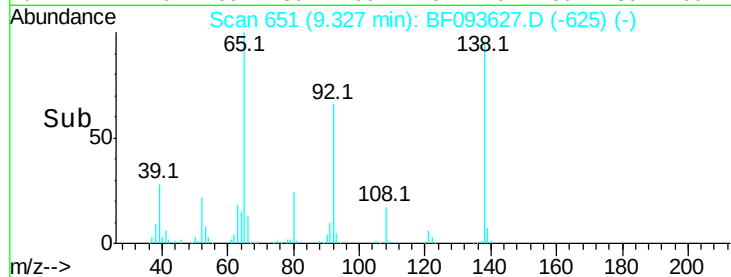
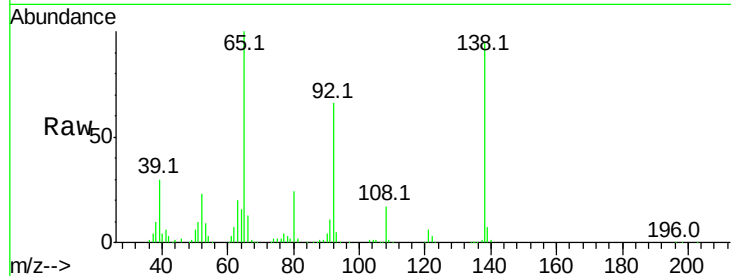
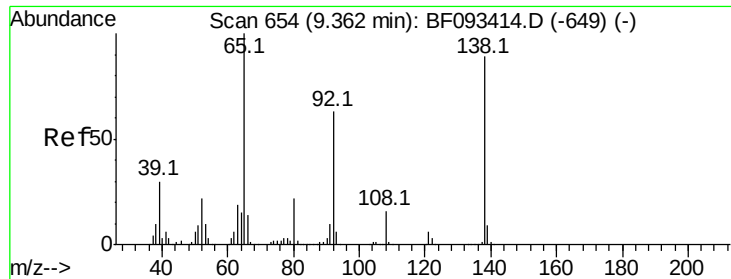


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





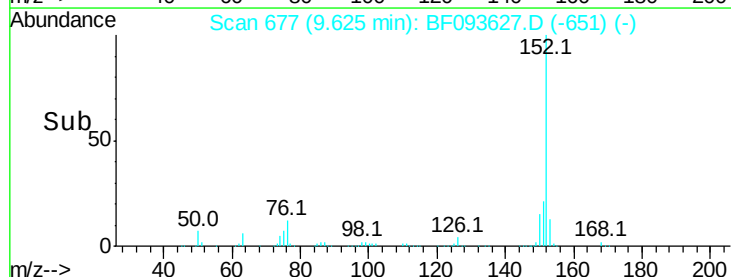
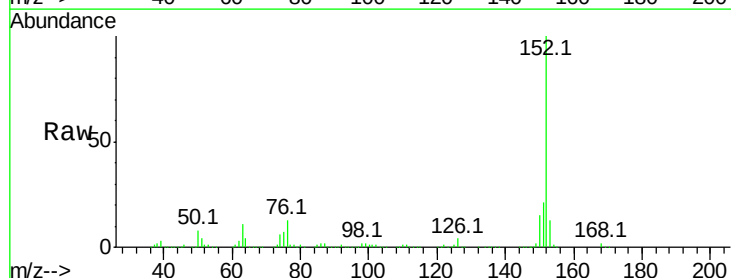
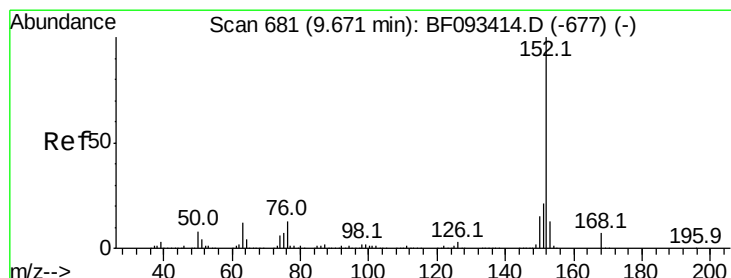
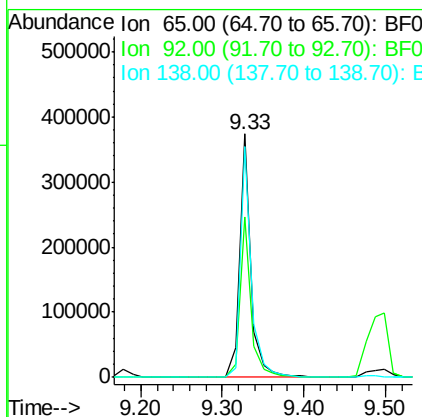
#47
2-Nitroaniline
Concen: 54.60 ng
RT: 9.33 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.7	53.9	80.9
138	95.0	76.8	115.2

Instrument :
BNA_F
ClientSampleId :
PB97546BS

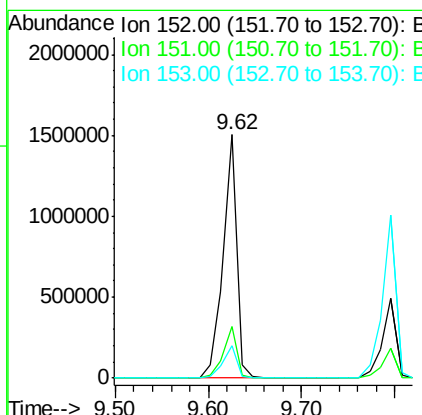
Manual Integrations
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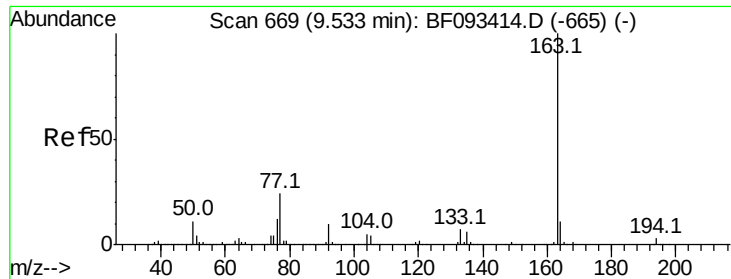
mohammad
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#48
Acenaphthylene
Concen: 48.64 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.9	25.3
153	13.3	11.4	17.2





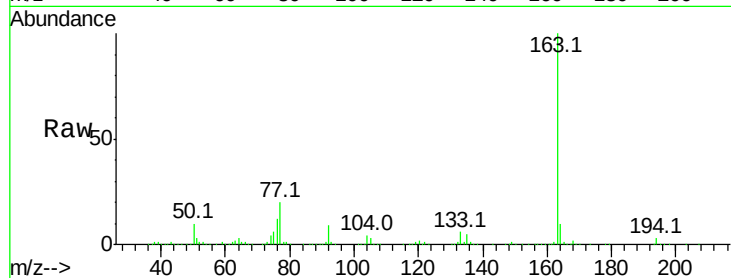
#49
Dimethylphthalate
Concen: 52.45 ng
RT: 9.50 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Instrument :
BNA_F
ClientSampleId :
PB97546BS

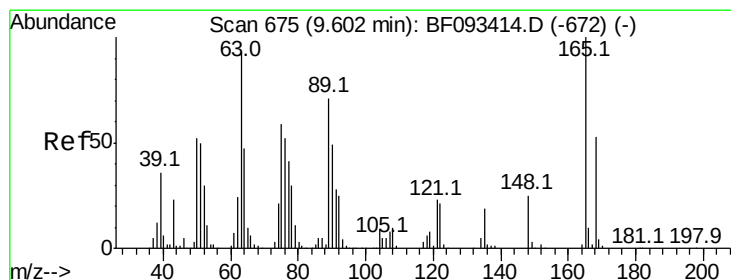
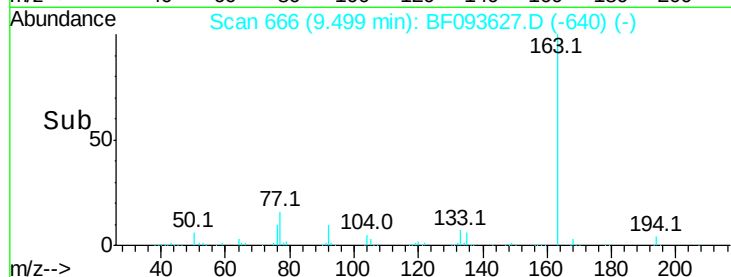
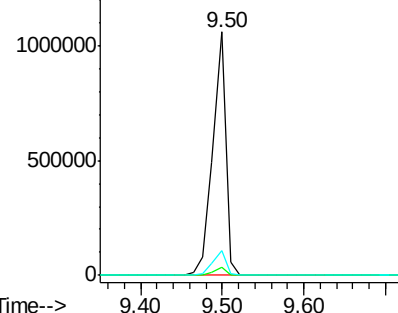
Tot Ion:163 Resp: 1175591
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.1 8.0 12.0

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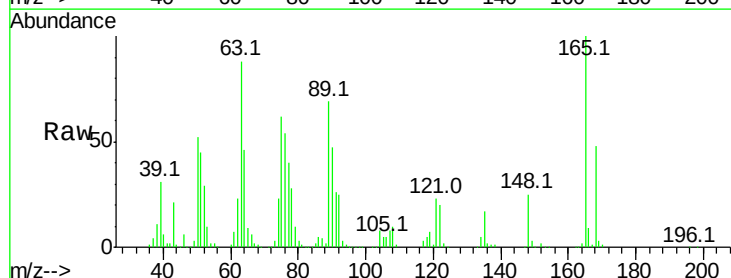


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

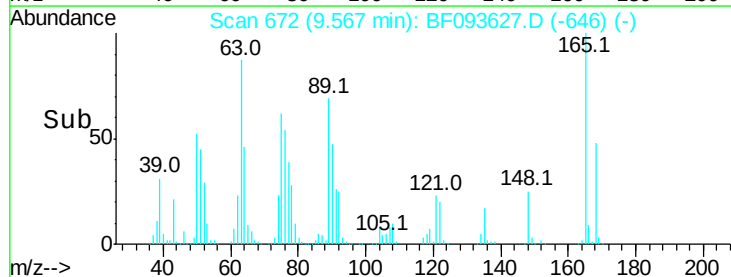
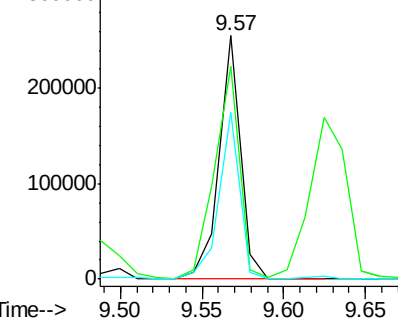


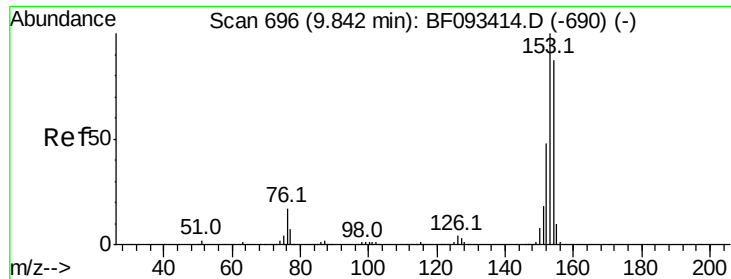
#50
2,6-Dinitrotoluene
Concen: 47.04 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion:165 Resp: 231377
Ion Ratio Lower Upper
165 100
63 87.6 36.2 54.4#
89 68.5 40.2 60.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





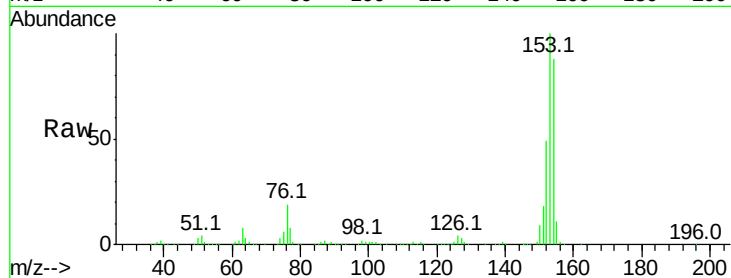
#51
Acenaphthene
Concen: 49.24 ng
RT: 9.80 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Instrument :
BNA_F
ClientSampled :
PB97546BS

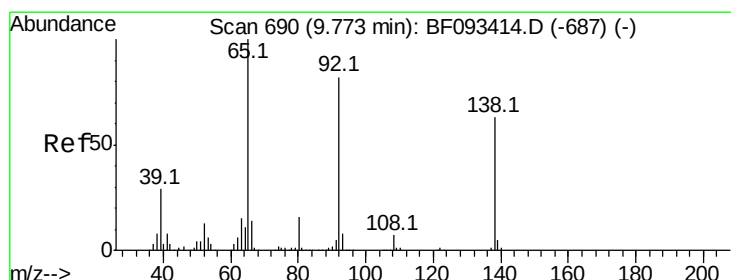
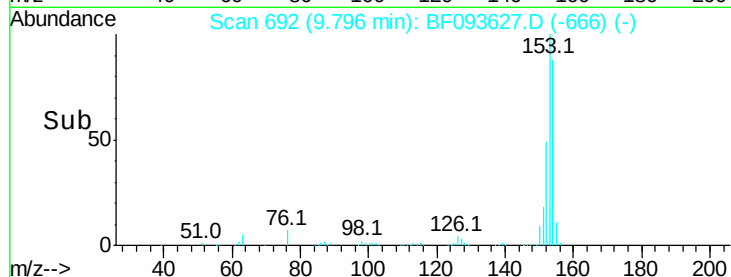
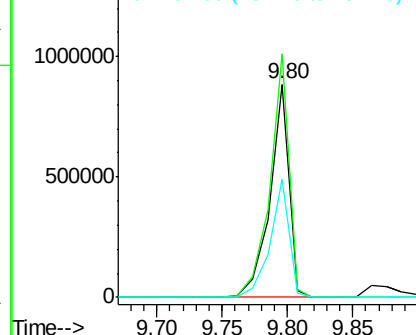
Tot Ion	Ratio	Lower	Upper
154	100		
153	114.2	88.6	133.0
152	55.6	41.6	62.4

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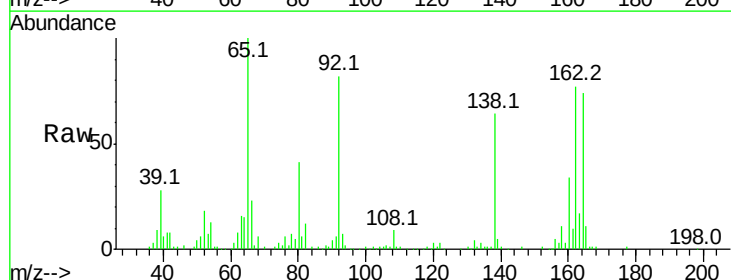


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

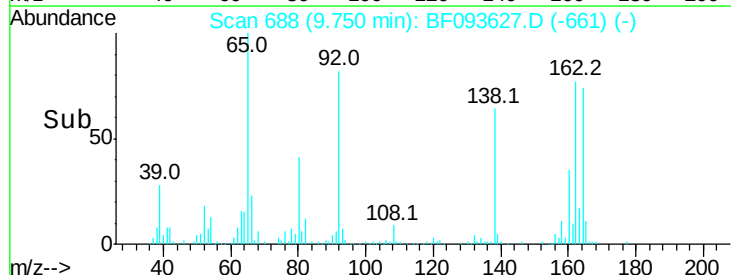
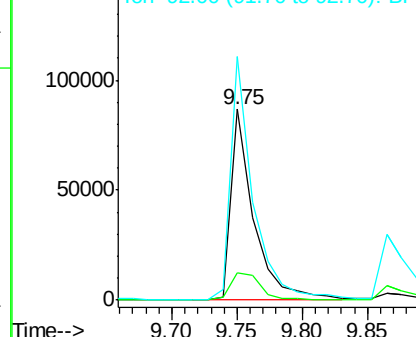


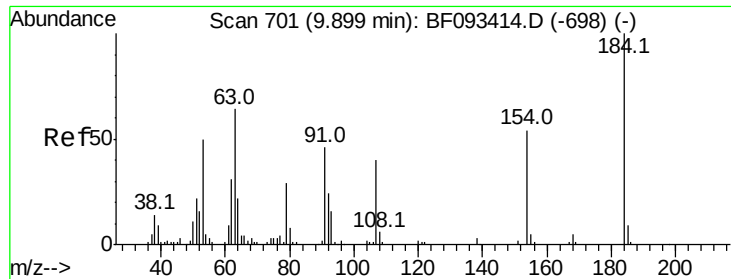
#52
3-Nitroaniline
Concen: 17.99 ng
RT: 9.75 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion	Ratio	Lower	Upper
138	100		
108	14.3	8.5	12.7#
92	127.7	97.8	146.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





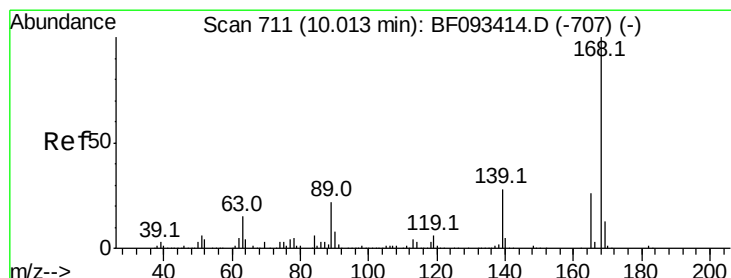
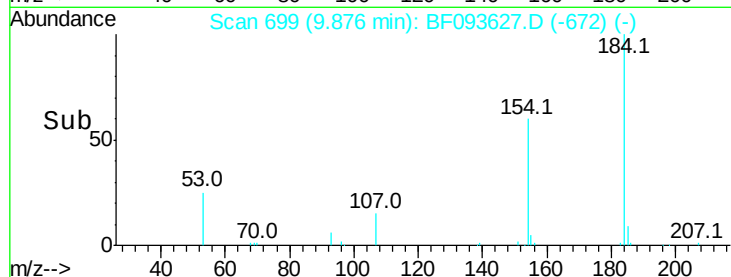
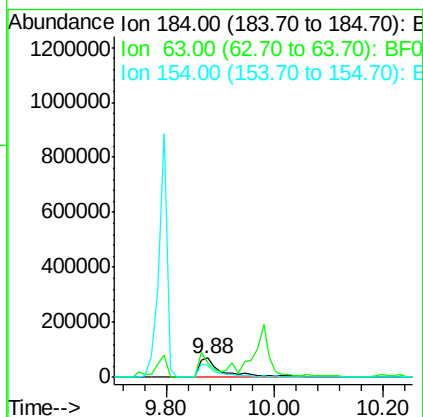
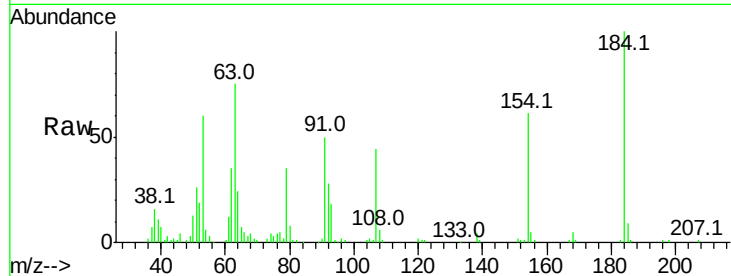
#53
2,4-Dinitrophenol
Concen: 97.58 ng
RT: 9.88 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Instrument :
BNA_F
ClientSampleId :
PB97546BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	218571		
63	74.7	28.4	42.6#	
154	60.8	44.3	66.5	

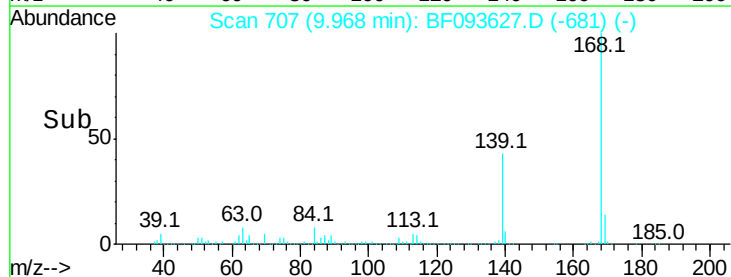
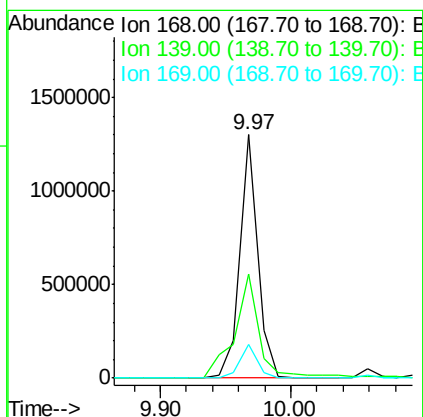
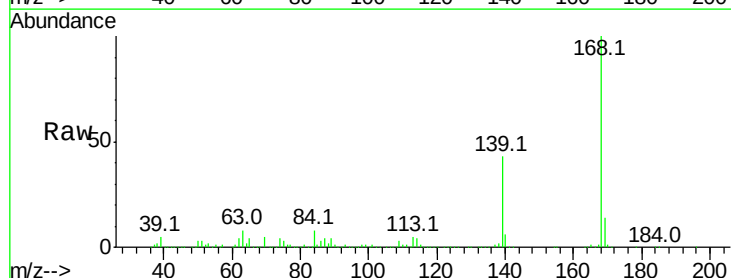
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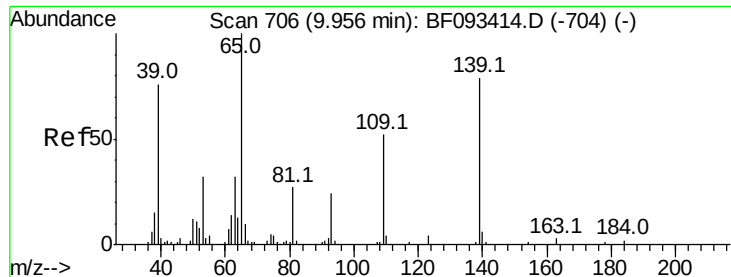
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#54
Dibenzofuran
Concen: 53.02 ng
RT: 9.97 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1220115		
139	42.8	32.6	49.0	
169	13.9	11.3	16.9	





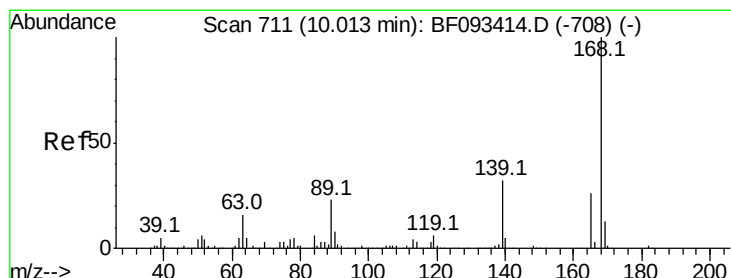
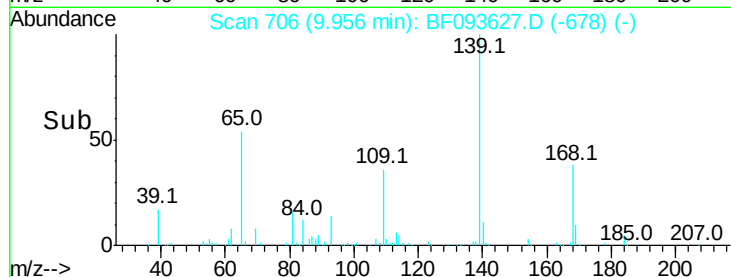
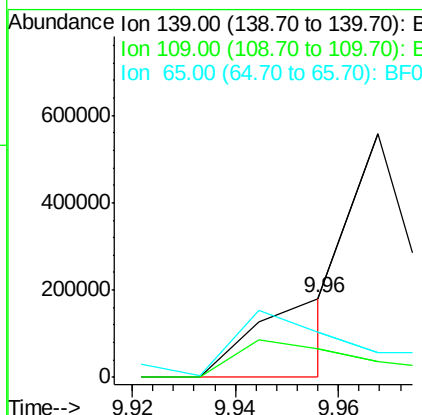
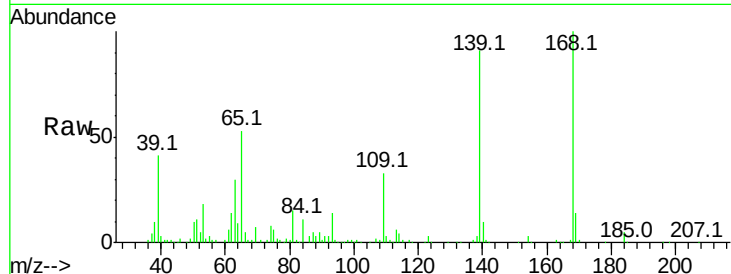
#55
4-Nitrophenol
Concen: 73.28 ng/mL
RT: 9.96 min Scan# 706
Delta R.T. 0.02 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Instrument :
BNA_F
ClientSampleId :
PB97546BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	36.1	52.2	92.2#	
65	57.5	85.8	125.8#	

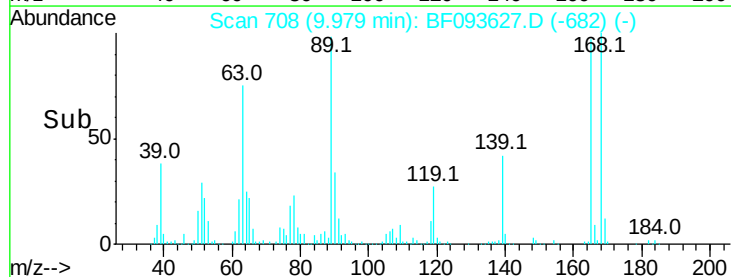
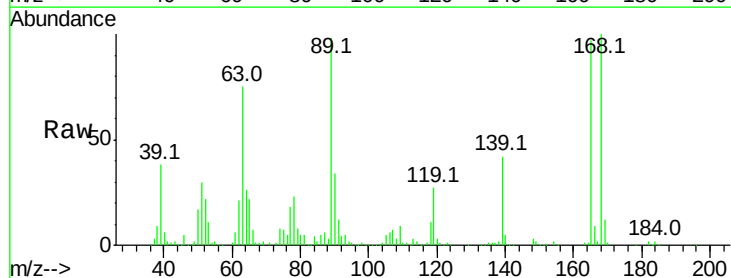
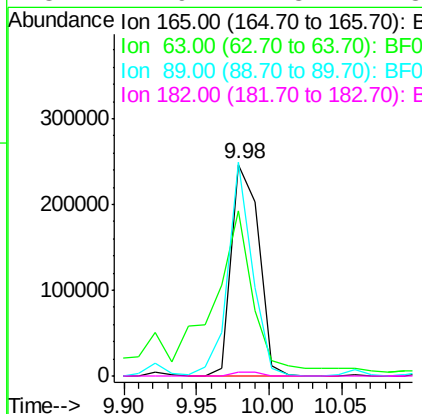
Manual Integrations
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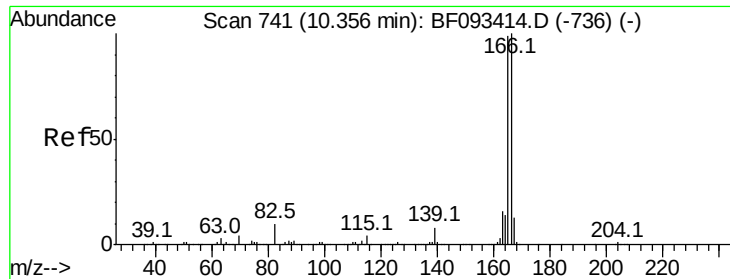
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3/15/2017 5:38:22 PM



#56
2,4-Dinitrotoluene
Concen: 53.72 ng/mL
RT: 9.98 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	78.0	40.2	60.4#	
89	101.0	62.5	93.7#	
182	1.9	1.8	2.8	





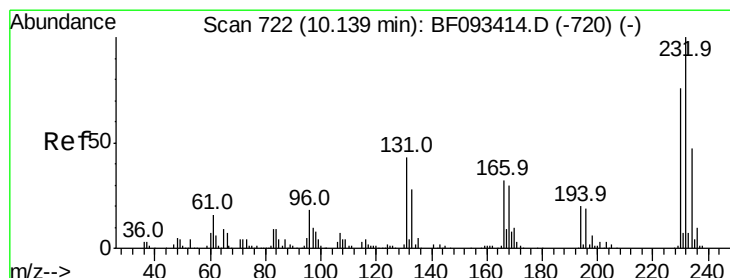
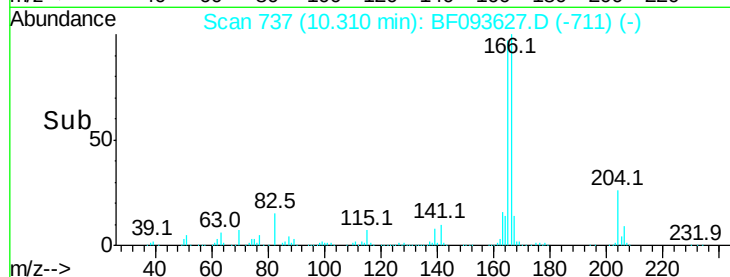
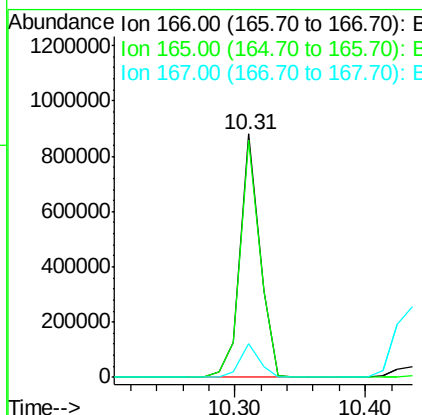
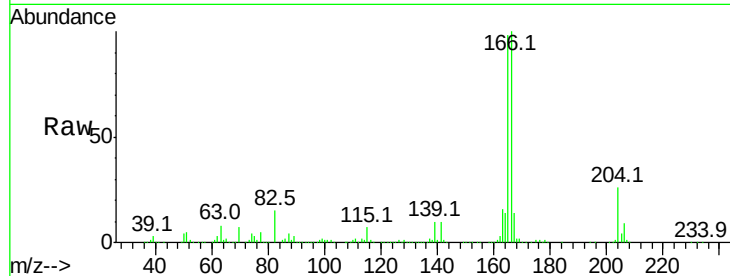
#57
 Fluorene
 Concen: 47.54 ng
 RT: 10.31 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Instrument :
 BNA_F
 ClientSampleId :
 PB97546BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	927008		
165	97.7		77.8	116.8
167	13.6		10.8	16.2

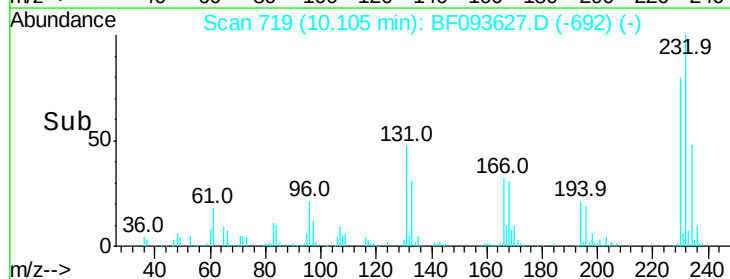
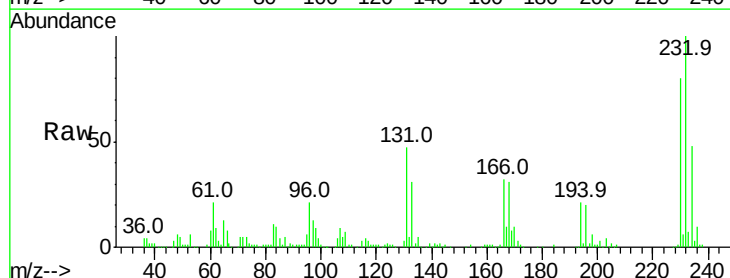
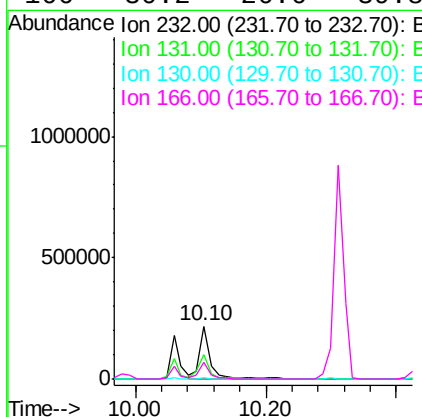
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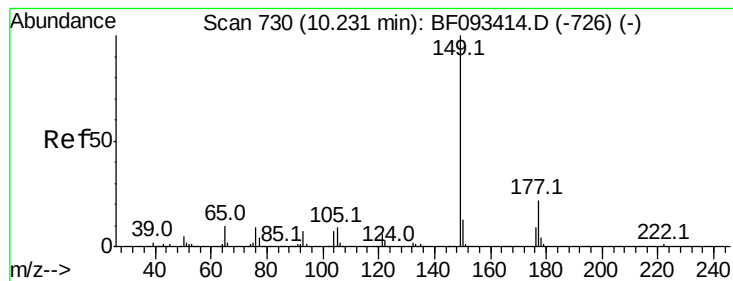
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 56.94 ng
 RT: 10.10 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	248731		
131	42.9		40.1	60.1
130	2.1		1.8	2.8
166	30.2		26.6	39.8





#59

Diethylphthalate

Concen: 52.47 ng

RT: 10.20 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

PB97546BS

Tot Ion:149 Resp: 1123934

Ion Ratio Lower Upper

149 100

177 21.7 16.6 25.0

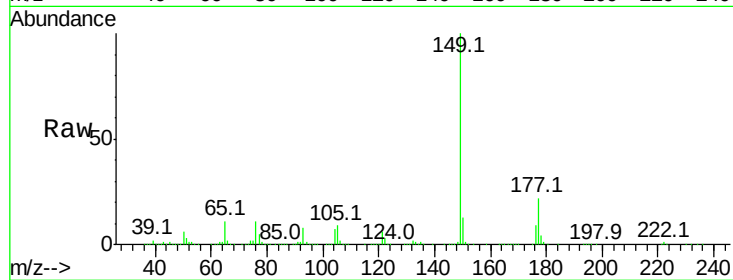
150 12.6 10.4 15.6

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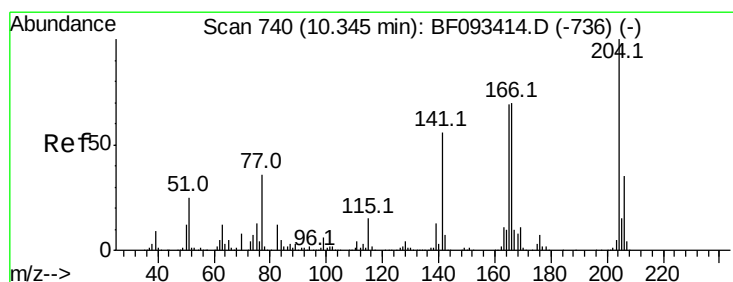
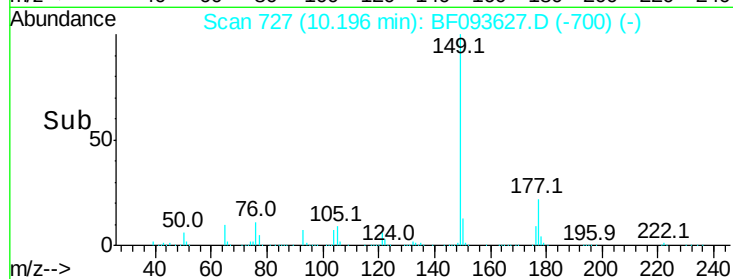
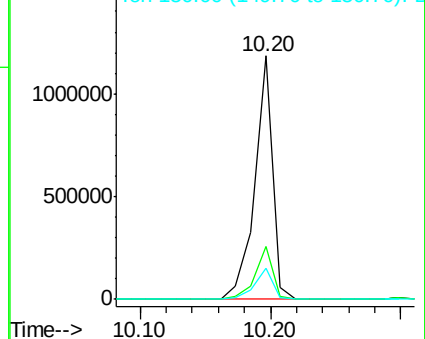
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 49.84 ng

RT: 10.30 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

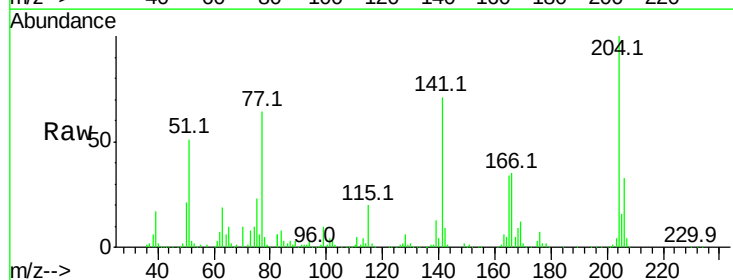
Tgt Ion:204 Resp: 435683

Ion Ratio Lower Upper

204 100

206 32.9 25.8 38.6

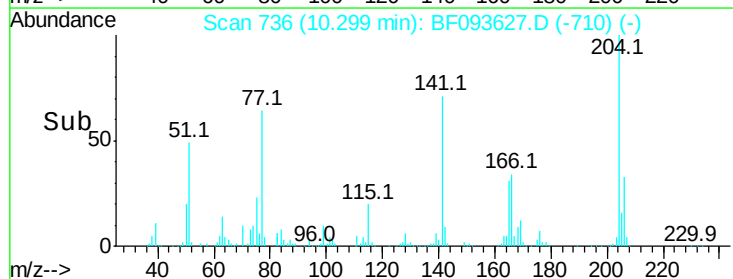
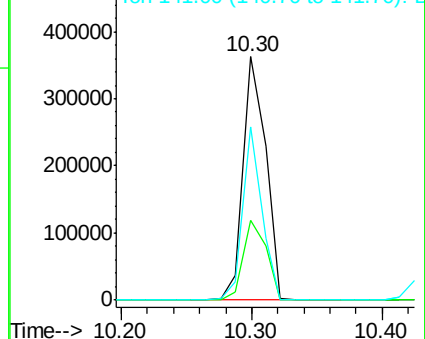
141 71.4 59.4 89.0

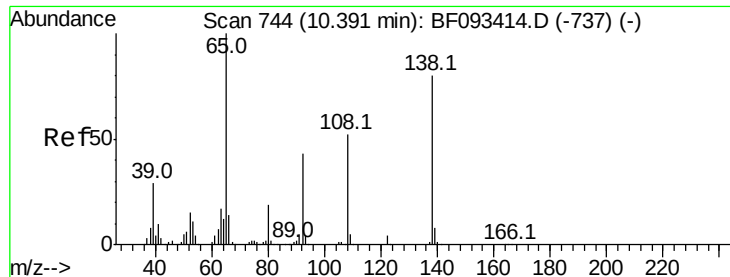


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.79 ng

RT: 10.37 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

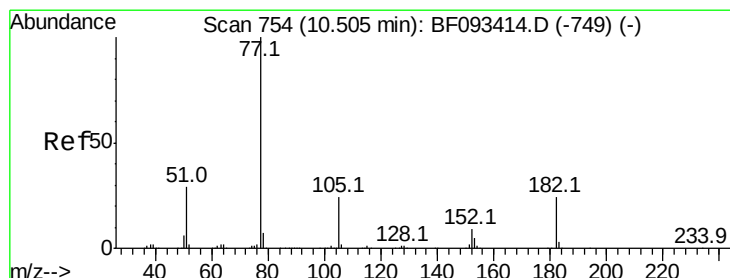
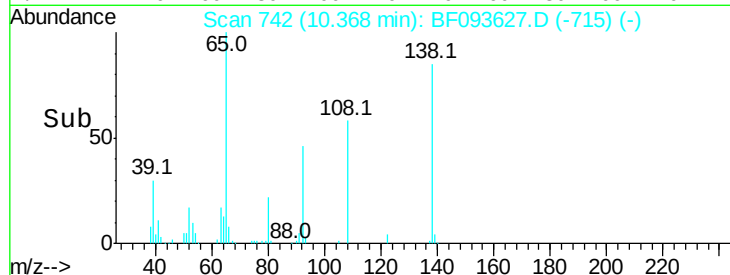
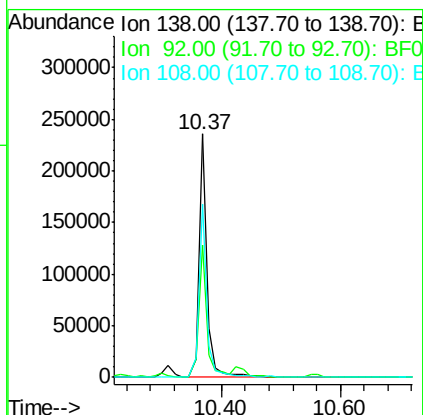
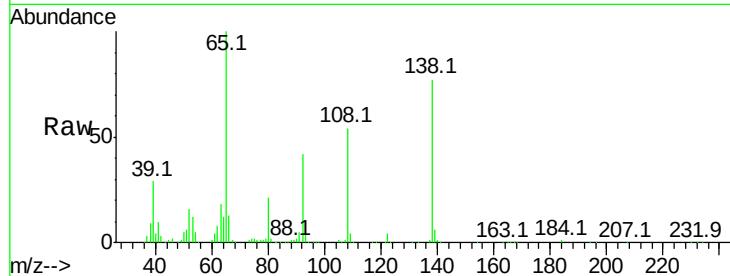
ClientSampleId :

PB97546BS

Tot Ion:	138	Resp:	228341
Ion	Ratio	Lower	Upper
138	100		
92	54.5	31.7	71.7
108	71.0	52.6	92.6

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#62

Azobenzene

Concen: 57.00 ng

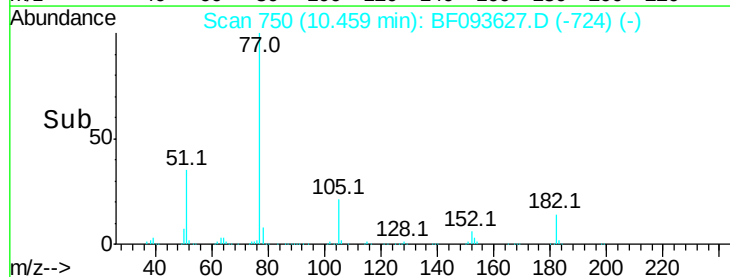
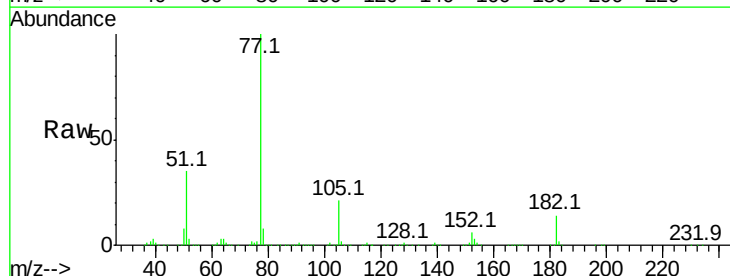
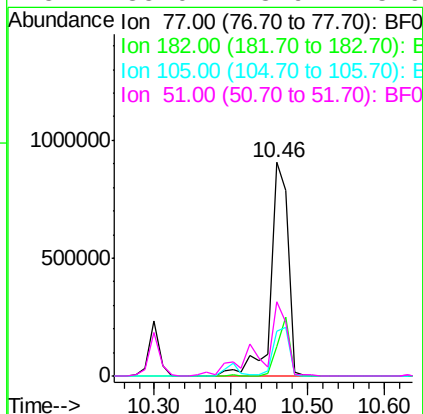
RT: 10.46 min Scan# 750

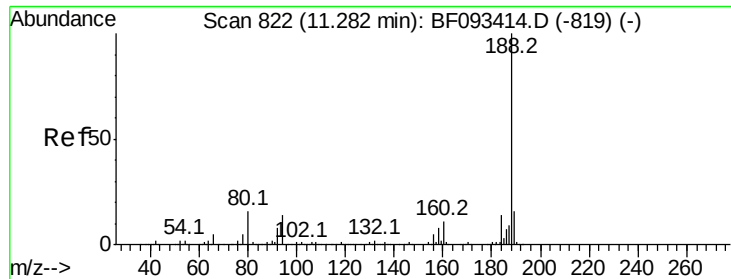
Delta R.T. -0.00 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Tgt Ion:	77	Resp:	1387597
Ion	Ratio	Lower	Upper
77	100		
182	14.1	0.0	39.3
105	20.7	2.3	42.3
51	35.0	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

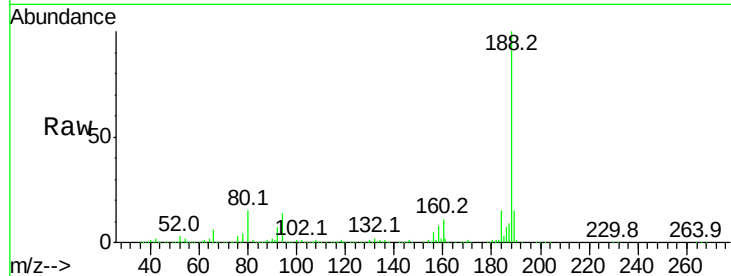
ClientSampleId :

PB97546BS

Tot Ion:	188	Resp:	617564
Ion Ratio	Lower	Upper	
188	100		
94	13.6	10.0	15.0
80	15.1	11.2	16.8

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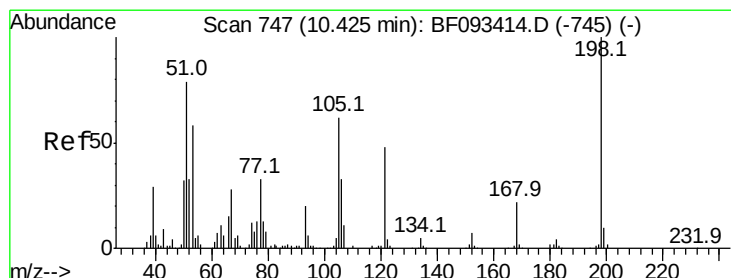
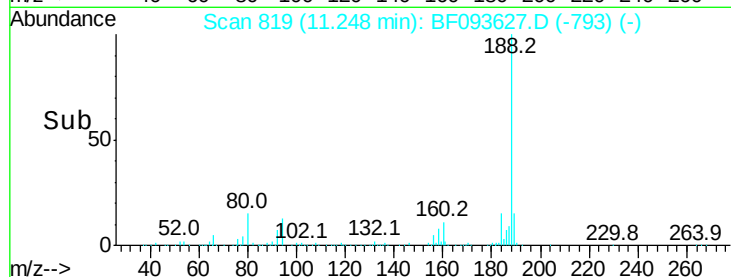
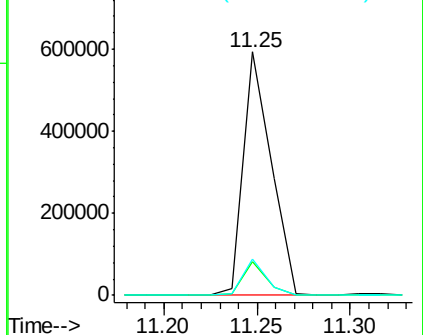
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.52 ng

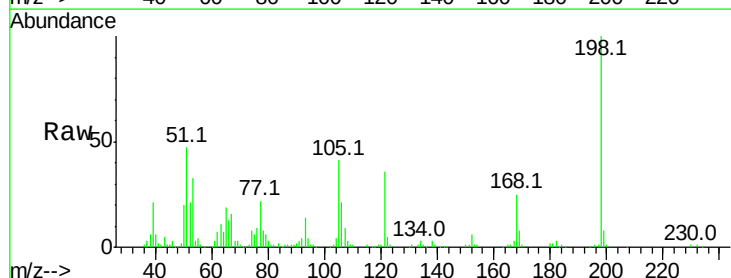
RT: 10.40 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

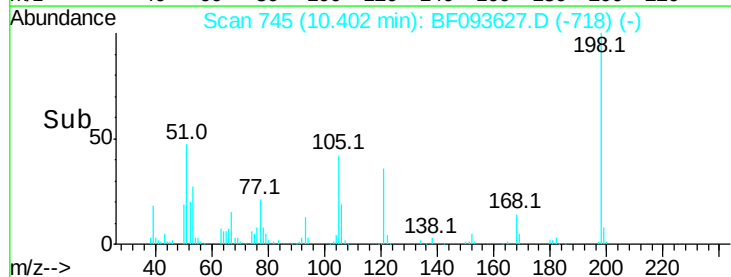
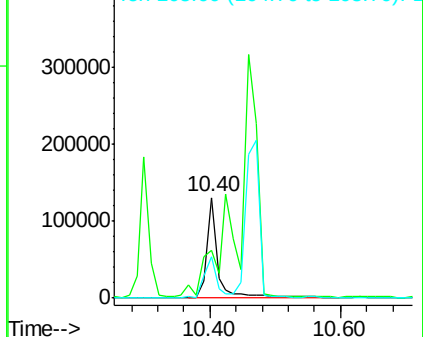
Tgt Ion:	198	Resp:	158126
Ion Ratio	Lower	Upper	
198	100		
51	47.4	6.7	46.7#
105	41.2	16.6	56.6

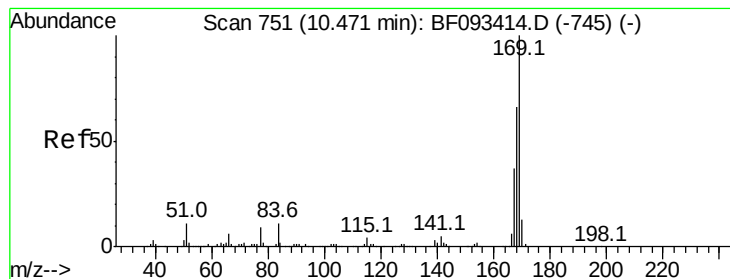


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.58 ng

RT: 10.44 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

PB97546BS

Tot Ion:169 Resp: 857412

Ion Ratio Lower Upper

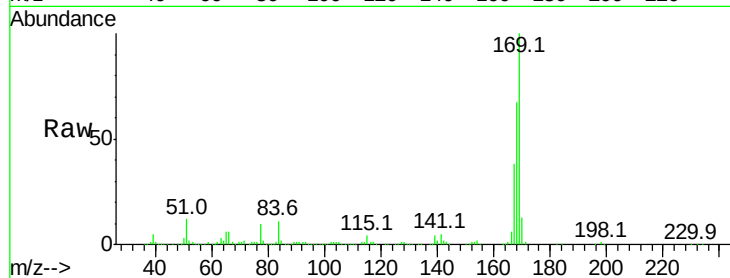
169 100

168 67.4 54.2 81.2

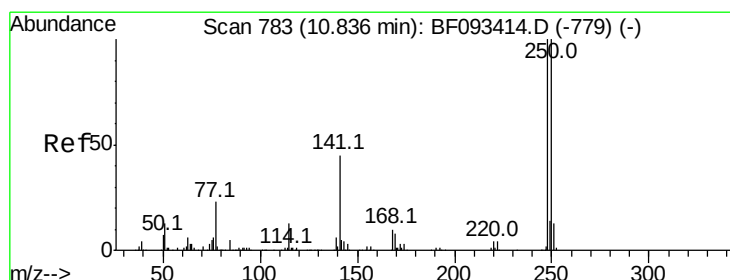
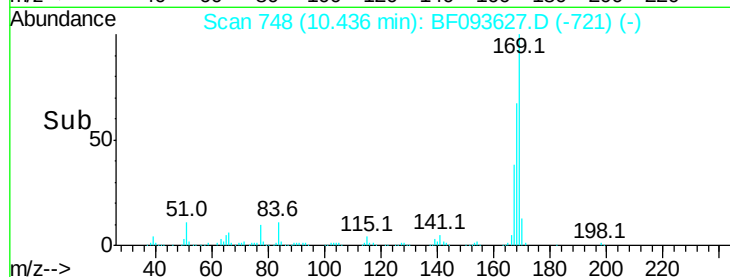
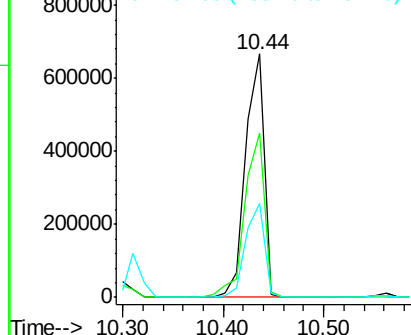
167 38.4 30.2 45.4

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.21 ng

RT: 10.79 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

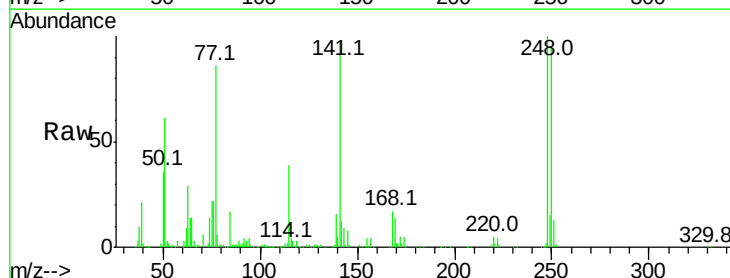
Tgt Ion:248 Resp: 256056

Ion Ratio Lower Upper

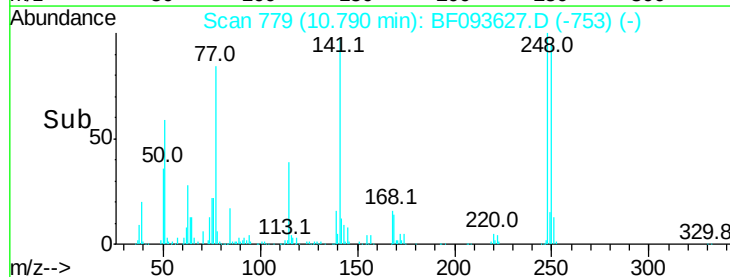
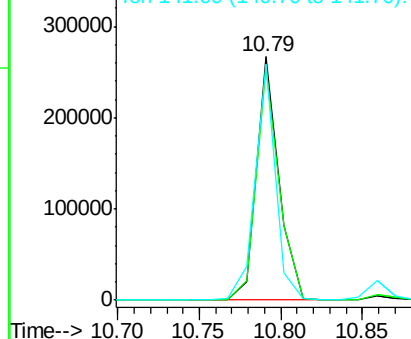
248 100

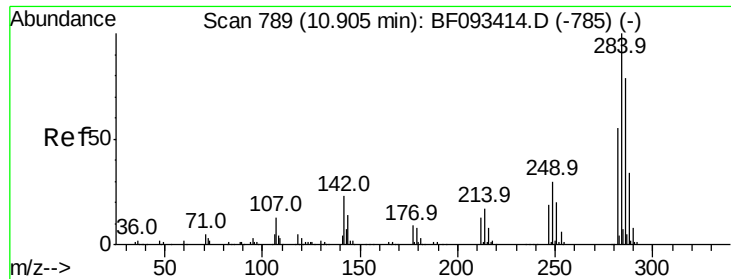
250 95.3 76.9 115.3

141 96.7 68.2 102.4



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





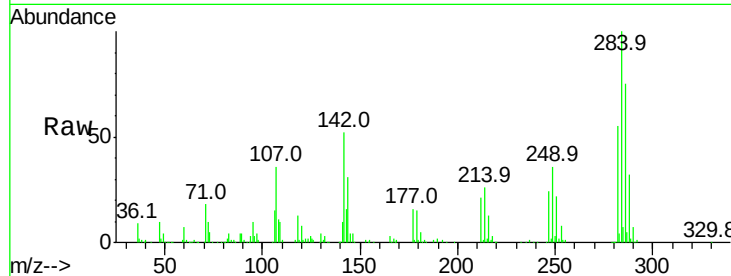
#67
Hexachlorobenzene
Concen: 41.52 ng
RT: 10.86 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Instrument :
BNA_F
ClientSampleId :
PB97546BS

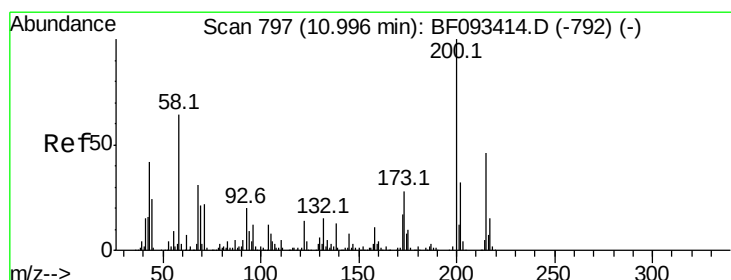
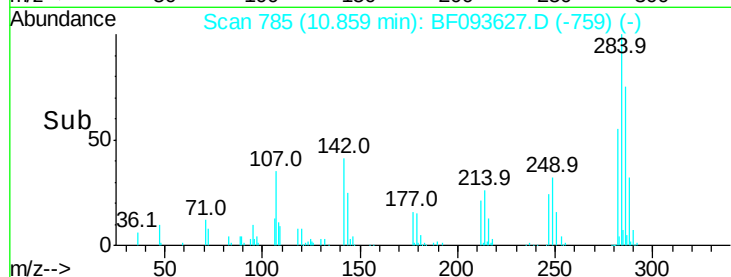
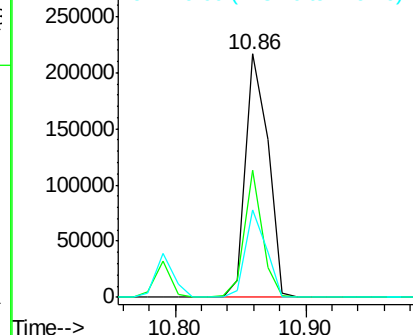
Tot Ion	Ratio	Resp	Lower	Upper
284	100	258942		
142	52.4	22.6	33.8#	
249	35.8	25.4	38.0	

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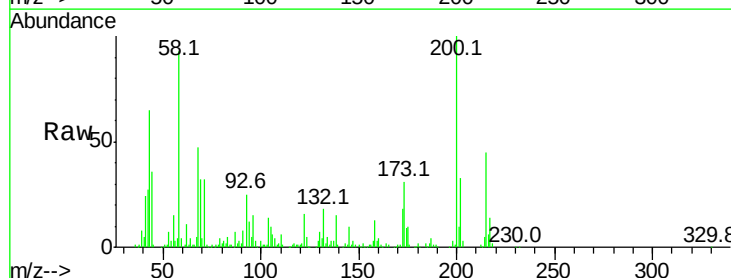


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

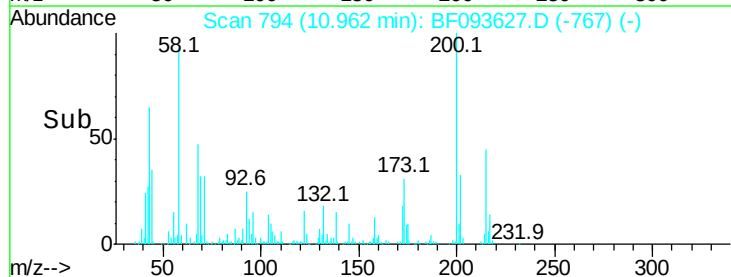
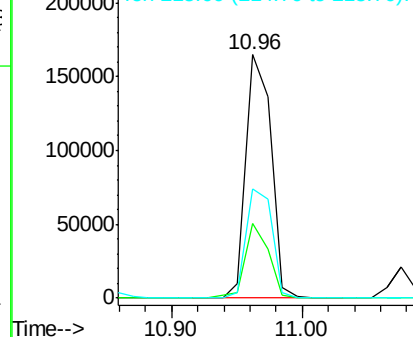


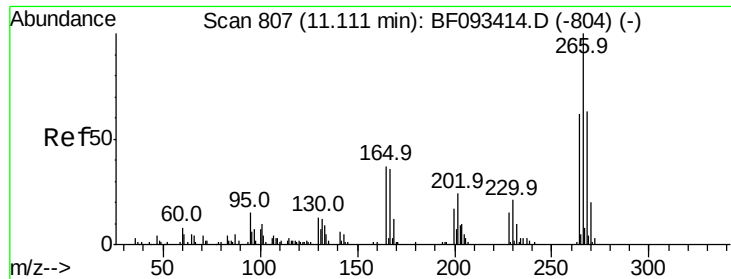
#68
Atrazine
Concen: 36.48 ng
RT: 10.96 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	220208		
173	30.5	9.6	49.6	
215	44.6	25.7	65.7	



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





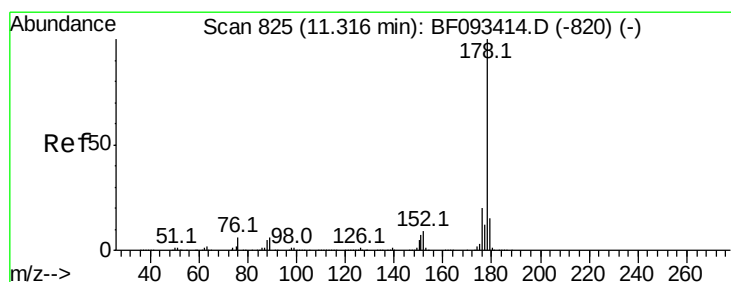
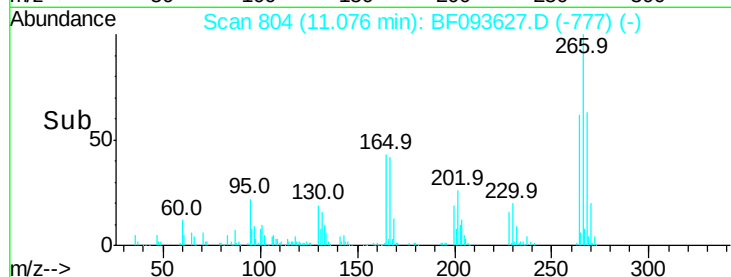
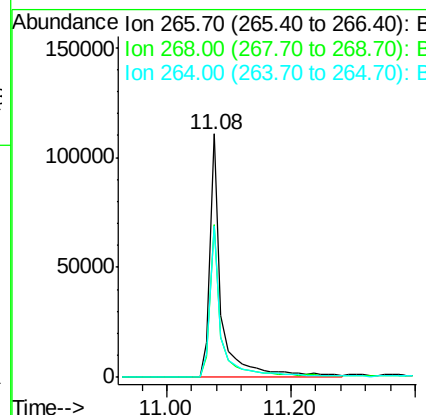
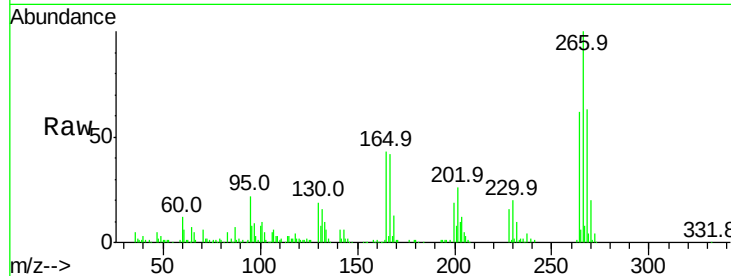
#69
 Pentachlorophenol
 Concen: 67.94 ng
 RT: 11.08 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Instrument :
 BNA_F
 ClientSampled :
 PB97546BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	146272		
268	62.9	53.3	79.9	
264	62.1	50.3	75.5	

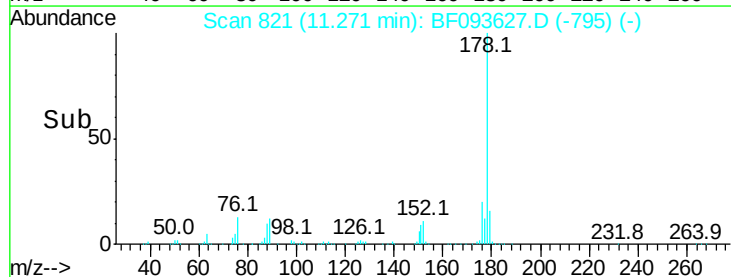
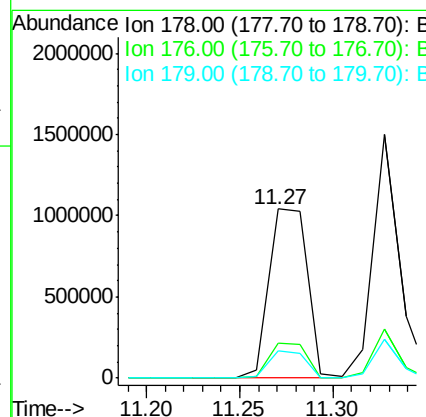
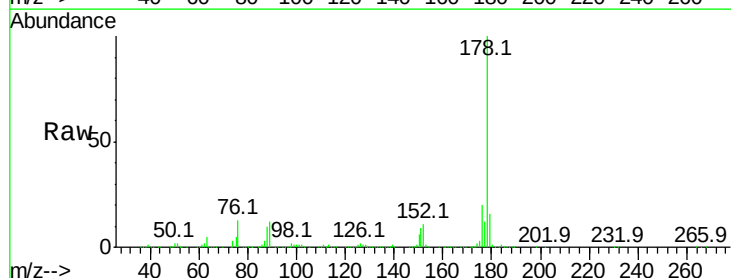
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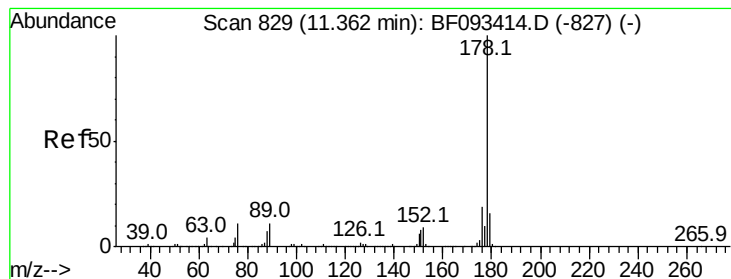
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#70
 Phenanthrene
 Concen: 42.01 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1481048		
176	20.4	16.6	25.0	
179	16.3	12.8	19.2	





#71

Anthracene

Concen: 40.49 ng

RT: 11.33 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

PB97546BS

Tot Ion:178 Resp: 1443878

Ion Ratio Lower Upper

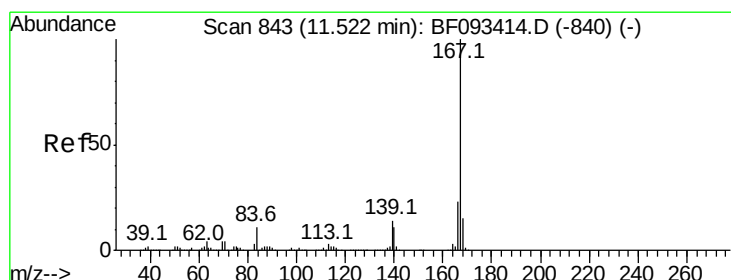
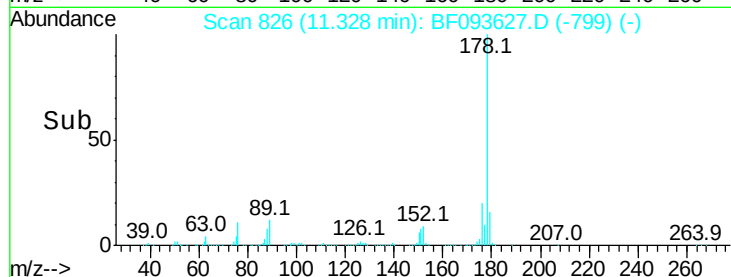
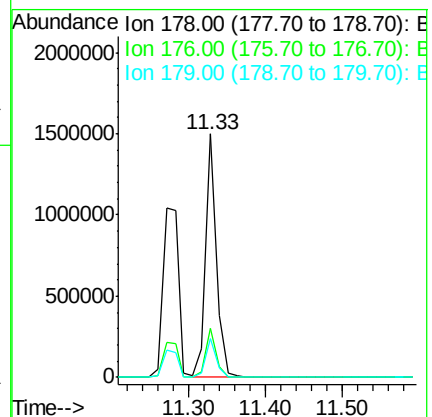
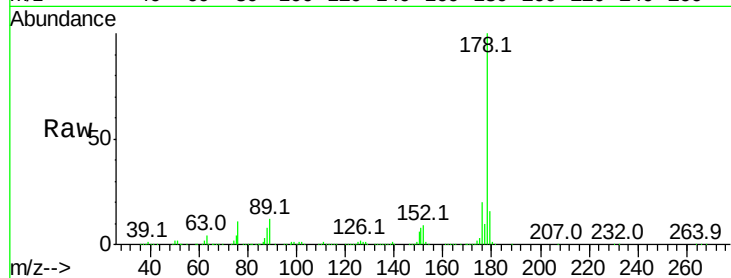
178 100

176 20.1 15.9 23.9

179 16.0 13.2 19.8

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#72

Carbazole

Concen: 41.34 ng

RT: 11.50 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

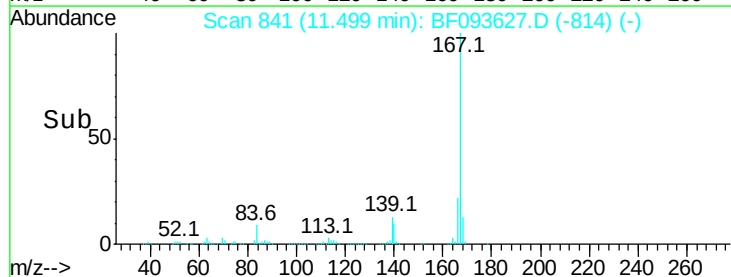
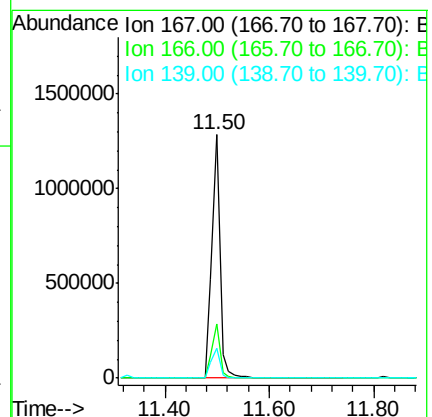
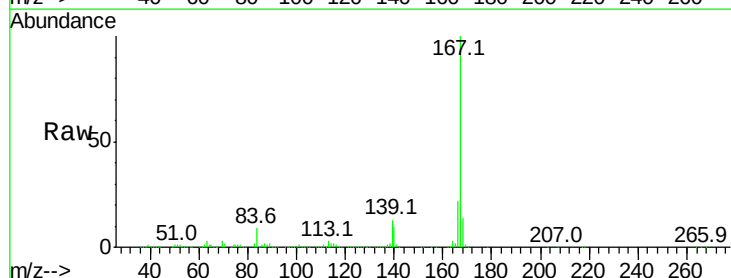
Tgt Ion:167 Resp: 1384887

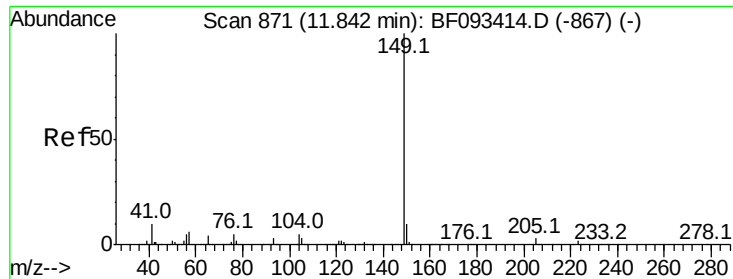
Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.2

139 12.5 11.4 17.2





#73

Di-n-butylphthalate

Concen: 46.37 ng

RT: 11.82 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

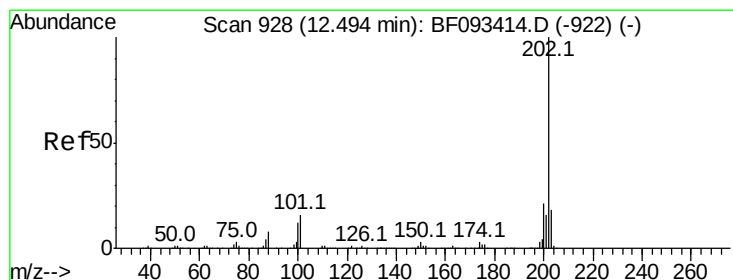
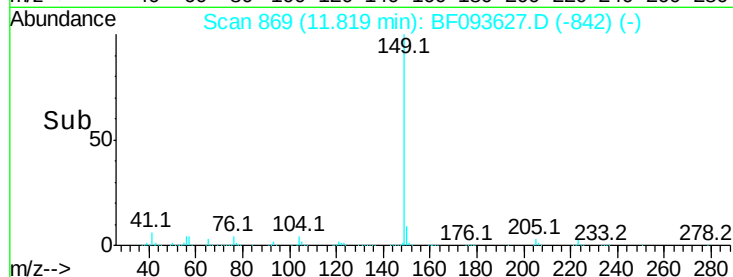
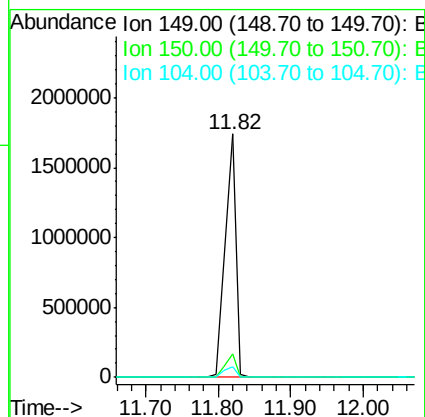
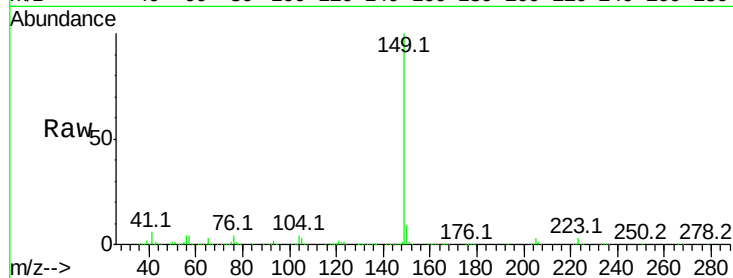
ClientSampleId :

PB97546BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.1	12.1
104	4.3	4.6	7.0

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#74

Fluoranthene

Concen: 44.51 ng

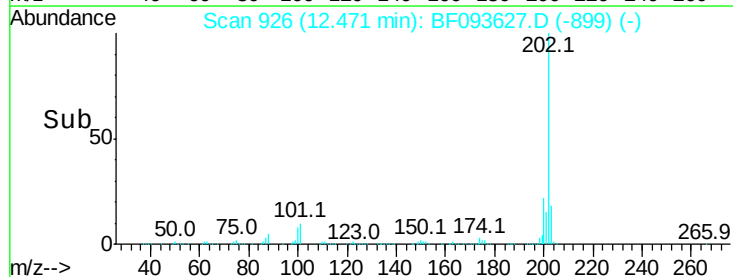
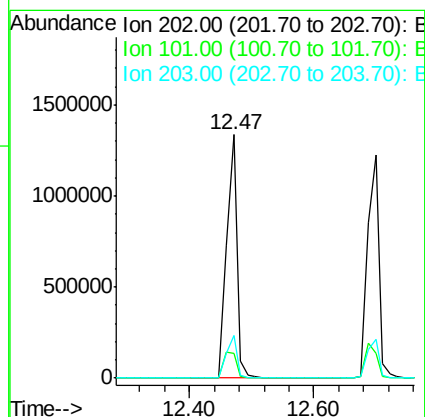
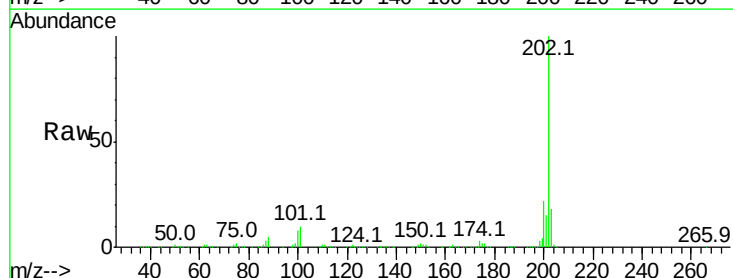
RT: 12.47 min Scan# 926

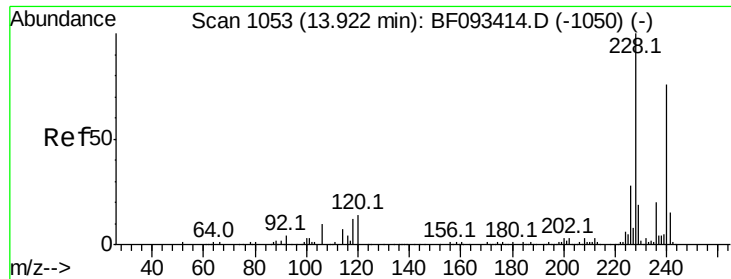
Delta R.T. 0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	34.6
203	17.7	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

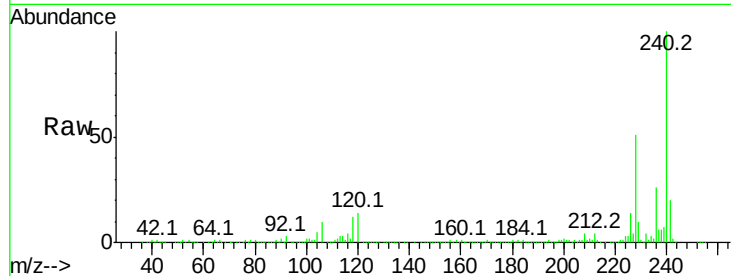
ClientSampleId :

PB97546BS

Tot Ion:	240	Resp:	485715
Ion Ratio	Lower	Upper	
240	100		
120	14.1	12.9	19.3
236	26.3	20.9	31.3

Manual Integrations
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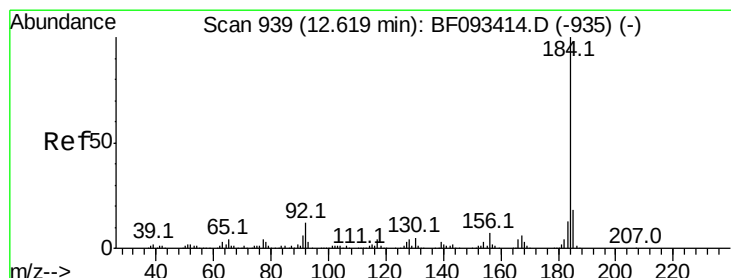
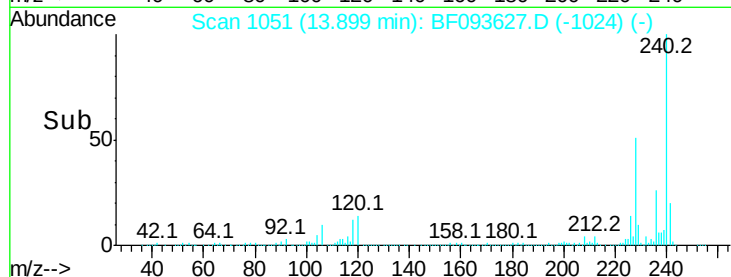
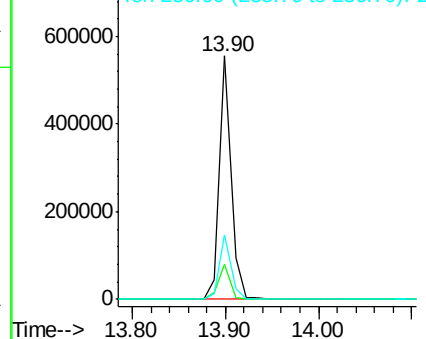
mohammad
3/15/2017 5:38:22 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.98 ng

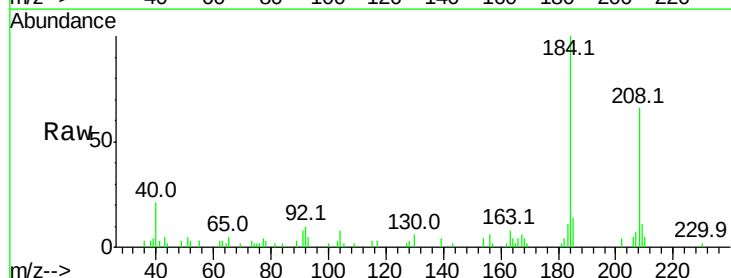
RT: 12.63 min Scan# 940

Delta R.T. 0.05 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

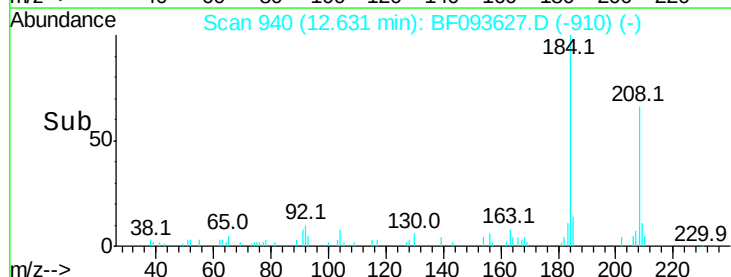
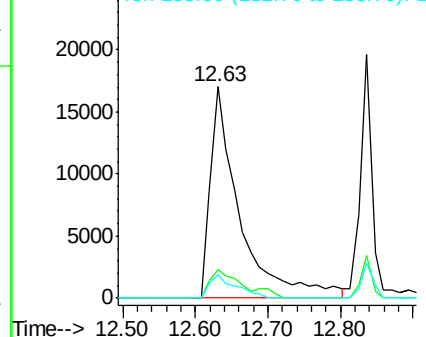
Tgt Ion:	184	Resp:	47672
Ion Ratio	Lower	Upper	
184	100		
185	13.8	13.4	20.0
183	10.9	9.2	13.8

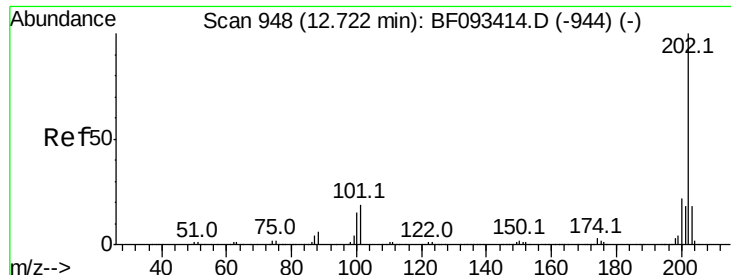


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





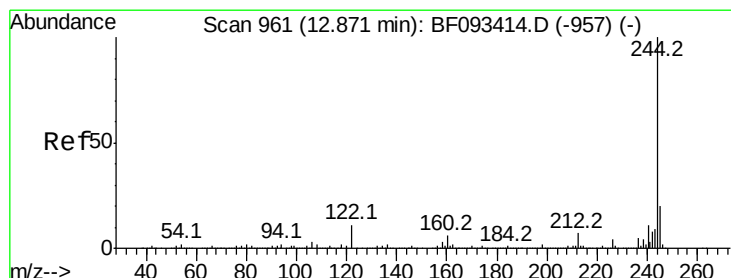
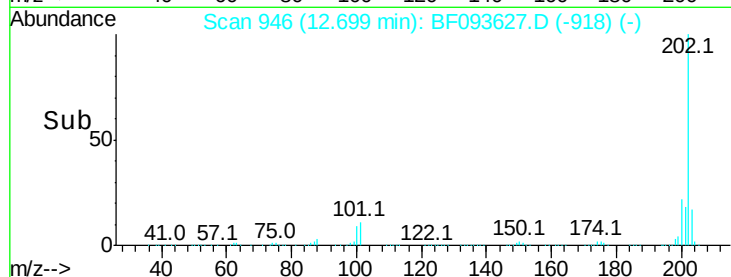
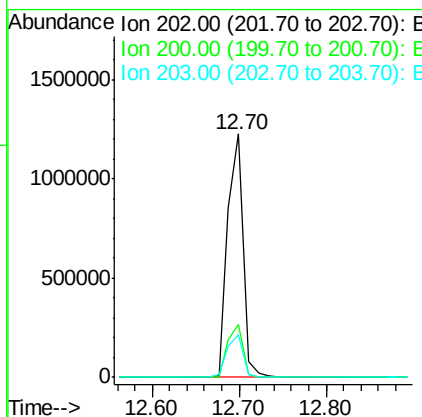
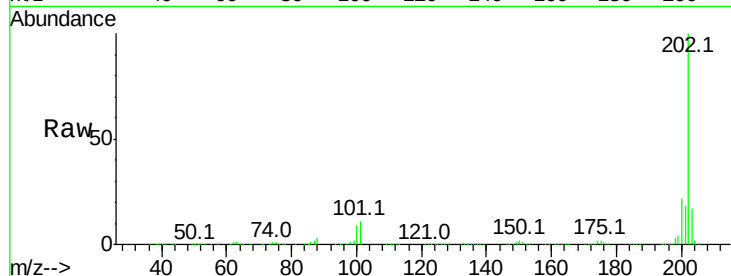
#77
Pvrene
Concen: 42.82 ng
RT: 12.70 min Scan# 946
Delta R.T. 0.02 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Instrument :
BNA_F
ClientSampleId :
PB97546BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	17.4	14.7	22.1

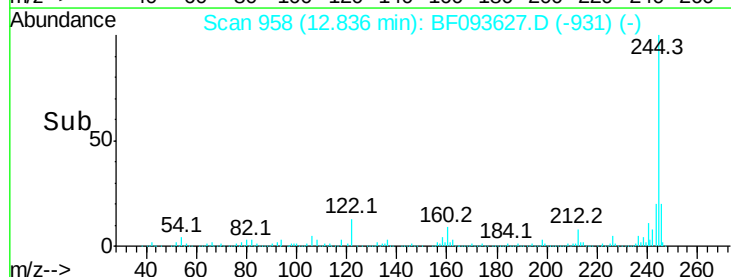
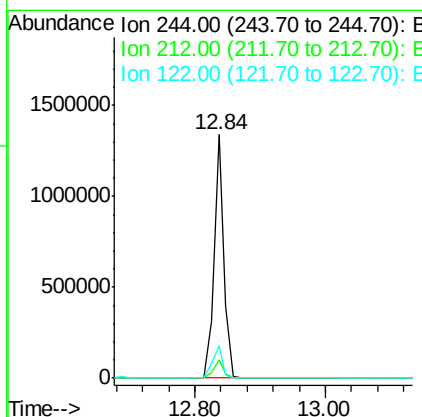
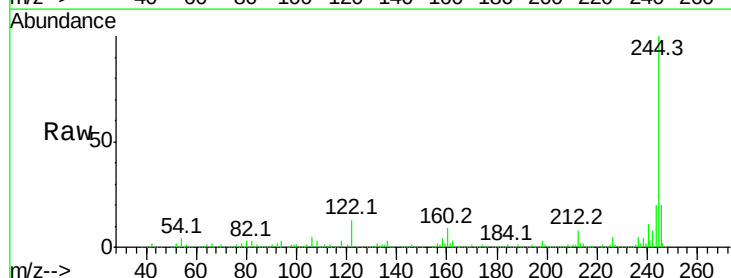
Manual Integrations
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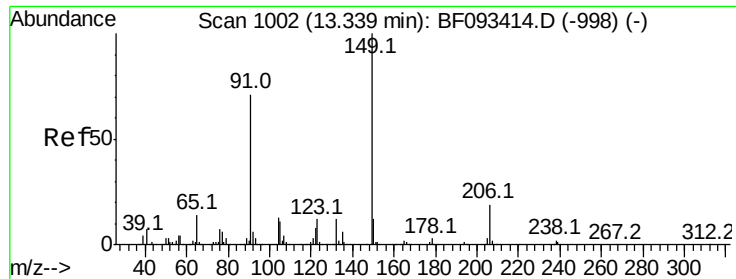
mohammad
3/15/2017 5:38:22 PM



#78
Terphenyl-d14
Concen: 76.38 ng
RT: 12.84 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	13.3	11.4	17.2





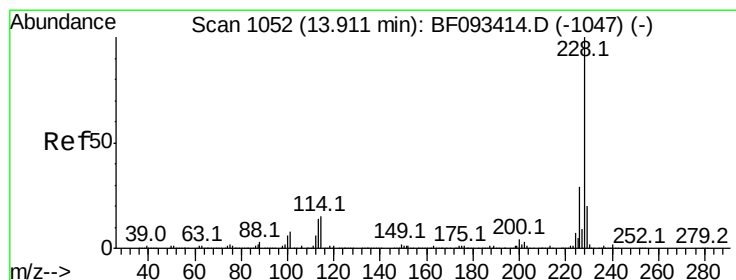
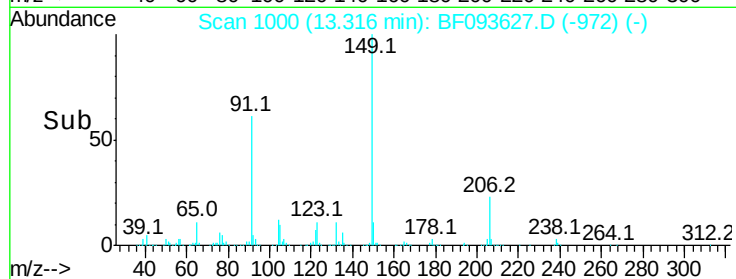
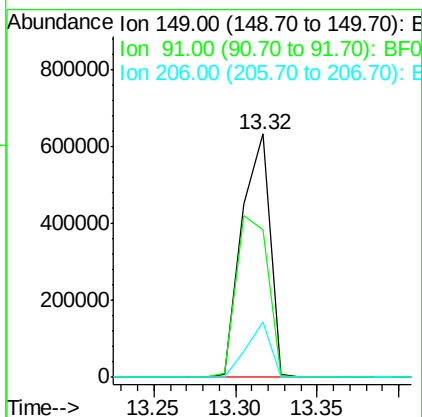
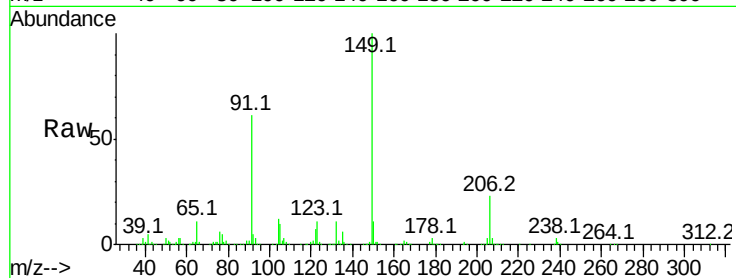
#79
Butylbenzylphthalate
Concen: 50.89 ng
RT: 13.32 min Scan# 1000
Delta R.T. 0.02 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Instrument :
BNA_F
ClientSampleId :
PB97546BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	756813		
91	60.7	63.9	95.9#	
206	22.8	14.6	21.8#	

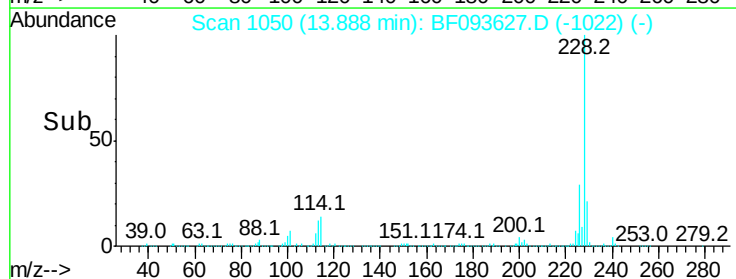
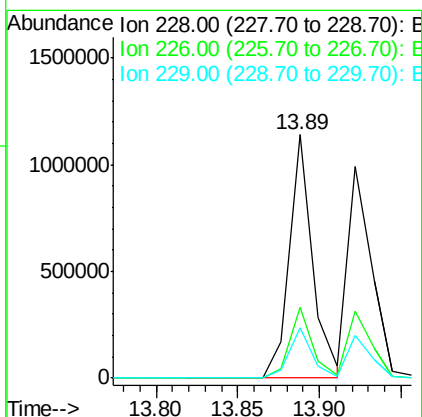
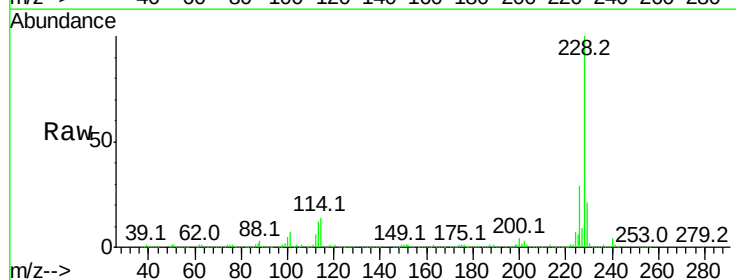
Manual Integrations
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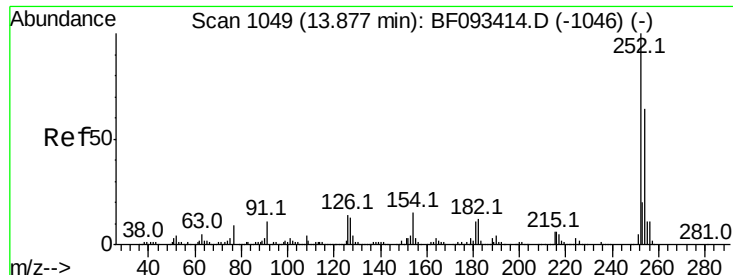
mohammad
3/15/2017 5:38:22 PM



#80
Benzo(a)anthracene
Concen: 39.47 ng
RT: 13.89 min Scan# 1050
Delta R.T. 0.02 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1132045		
226	29.0	22.4	33.6	
229	20.7	16.2	24.4	





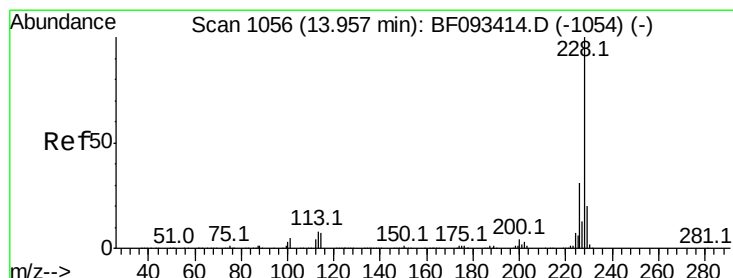
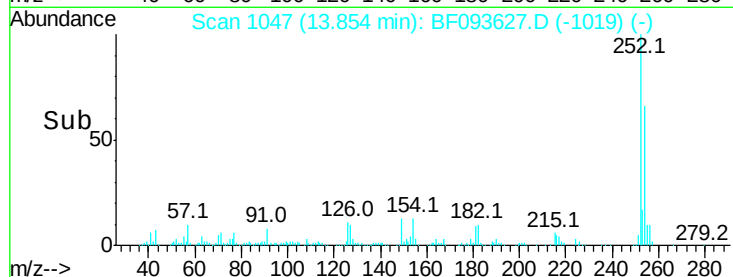
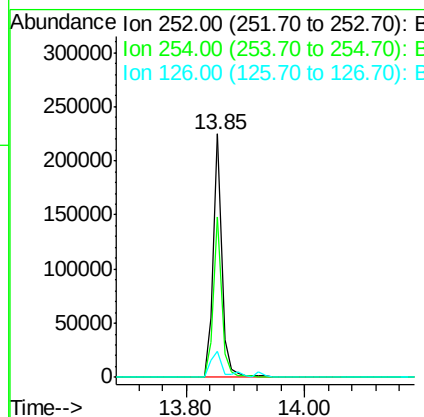
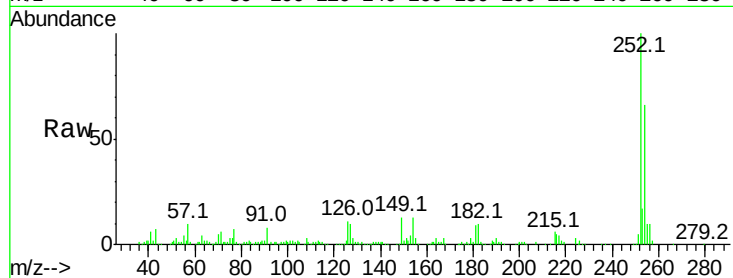
#81
 3,3'-Dichlorobenzidine
 Concen: 22.92 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. 0.02 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Instrument :
 BNA_F
 ClientSampleId :
 PB97546BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	230220		
254	65.8	52.3	78.5	
126	10.6	13.6	20.4	

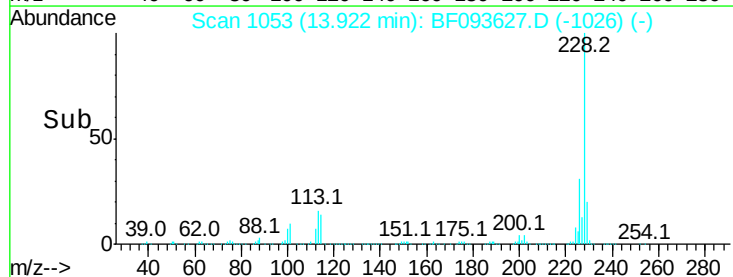
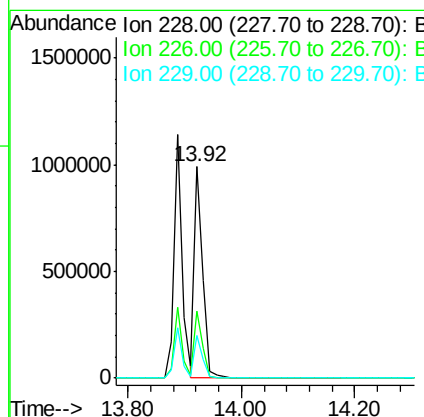
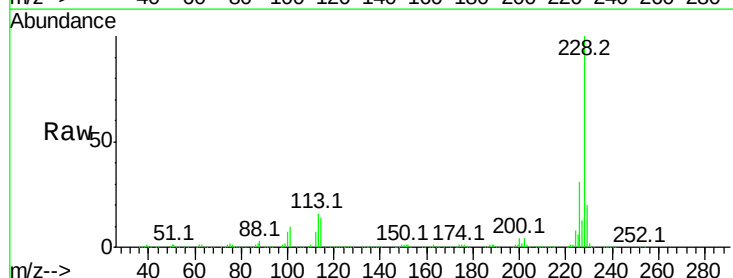
Manual Integrations
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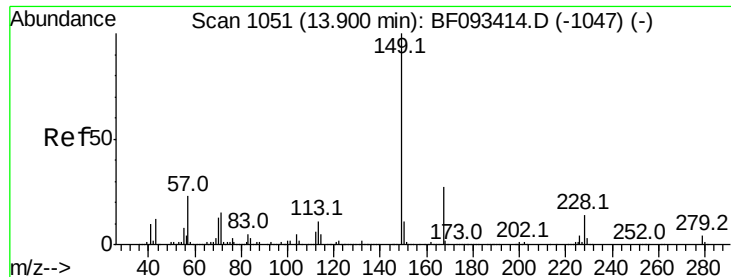
mohammad
 3/15/2017 5:38:22 PM



#82
 Chrysene
 Concen: 39.22 ng
 RT: 13.92 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1040777		
226	31.5	25.4	38.0	
229	19.9	16.2	24.2	





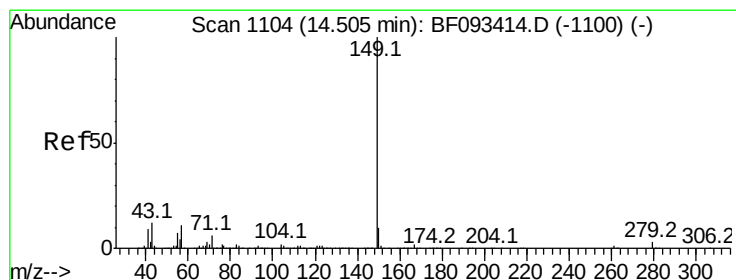
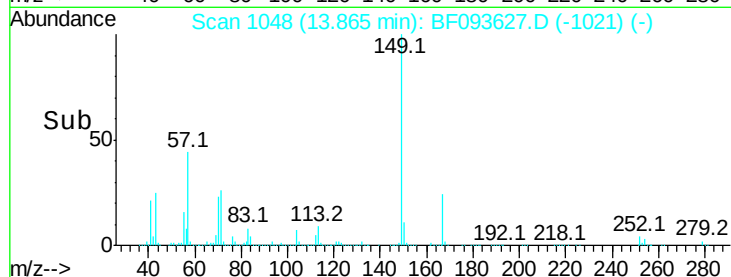
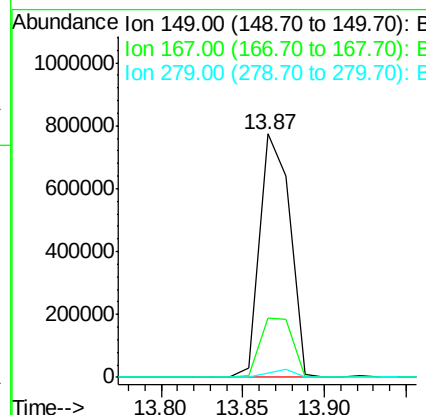
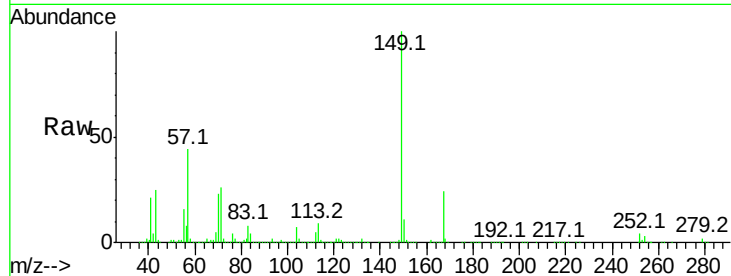
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.22 ng
 RT: 13.87 min Scan# 1048
 Delta R.T. 0.01 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Instrument :
 BNA_F
 ClientSampled :
 PB97546BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.5	20.2	30.4
279	1.7	1.8	2.8#

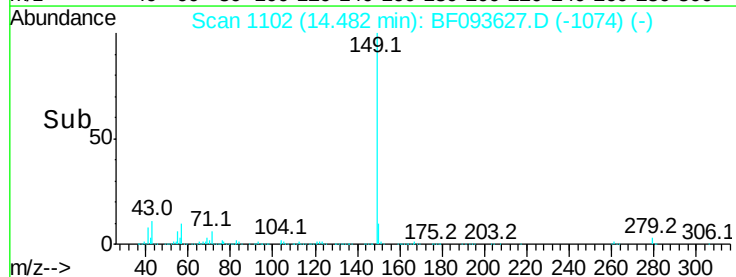
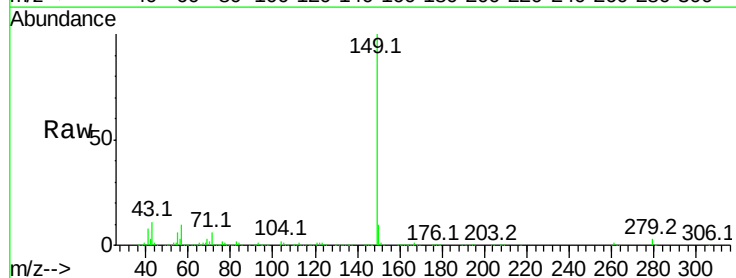
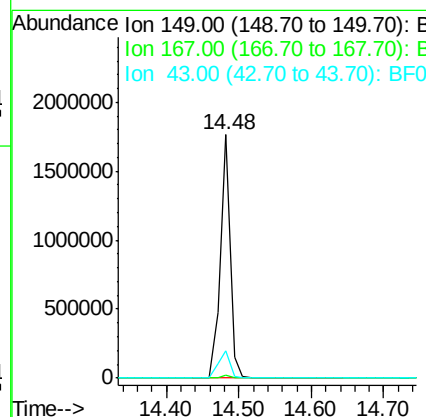
Manual Integrations
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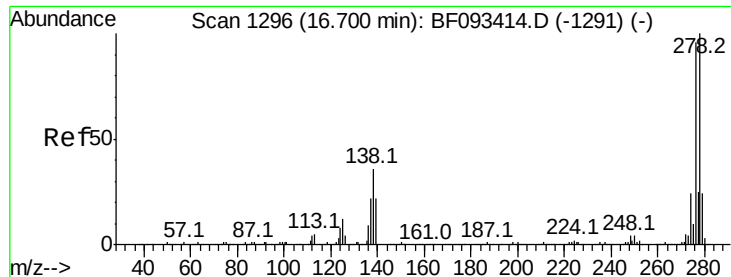
mohammad
 3/15/2017 5:38:22 PM



#84
 Di-n-octyl phthalate
 Concen: 48.06 ng
 RT: 14.48 min Scan# 1102
 Delta R.T. 0.02 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	13.1	8.9	13.3





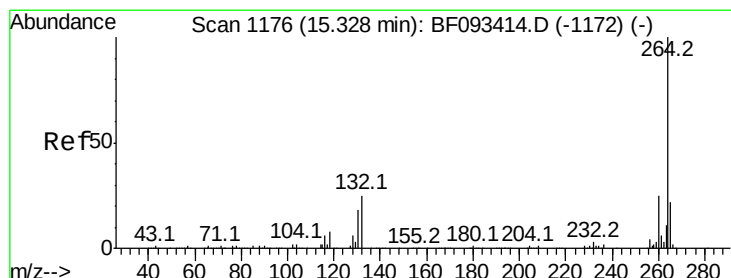
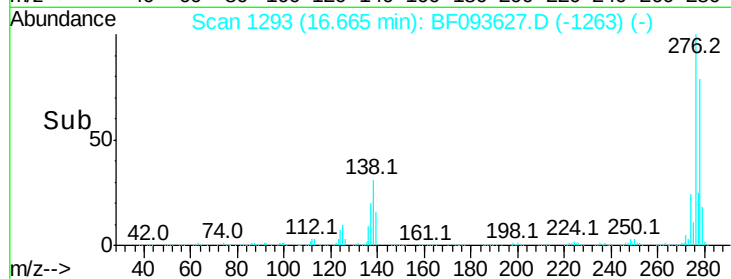
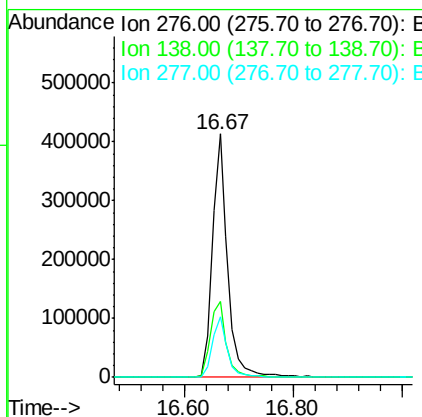
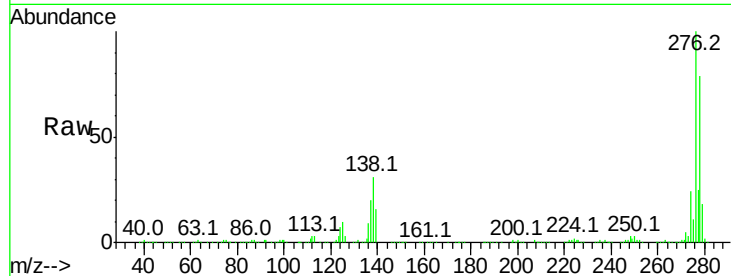
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.66 ng
RT: 16.67 min Scan# 1293
Delta R.T. 0.05 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Instrument :
BNA_F
ClientSampled :
PB97546BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	814410		
138	33.6	21.8	32.6	
277	24.8	20.2	30.4	

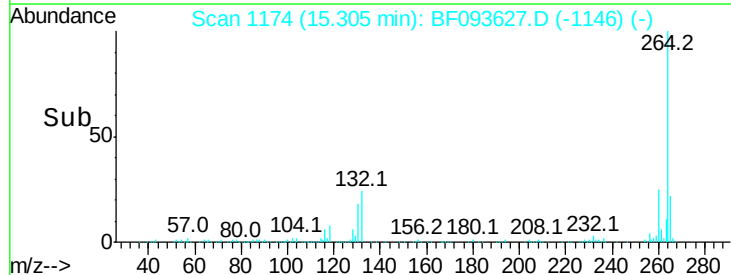
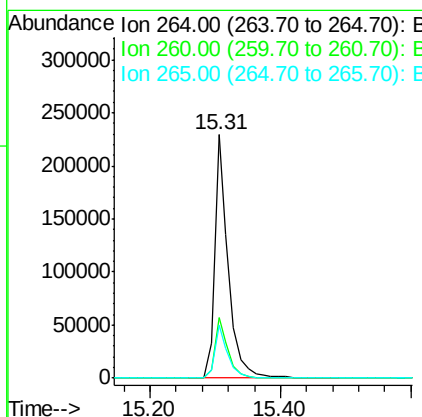
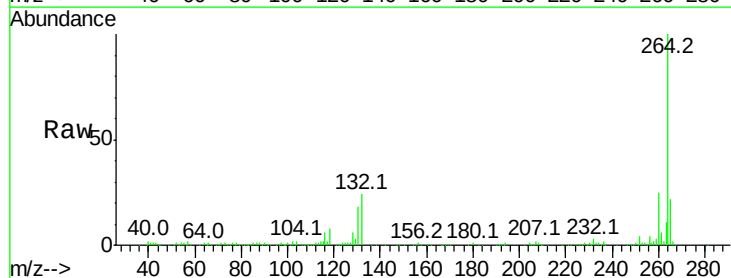
Manual Integrations
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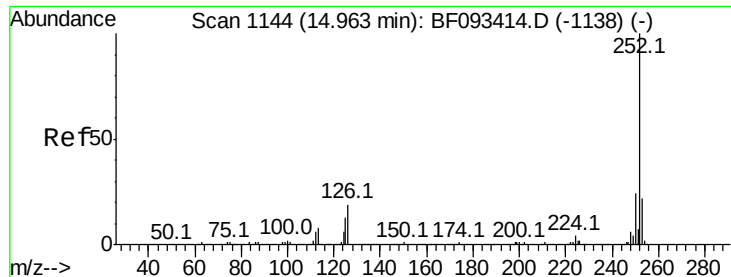
mohammad
3/15/2017 5:38:22 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	333515		
260	24.8	19.2	28.8	
265	21.6	17.4	26.0	





#87

Benzo(b)fluoranthene

Concen: 56.12 ng m

RT: 14.92 min Scan# 1140

Delta R.T. 0.02 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

ClientSampled :

PB97546BS

Tot Ion:252 Resp: 1139887

Ion Ratio Lower Upper

252 100

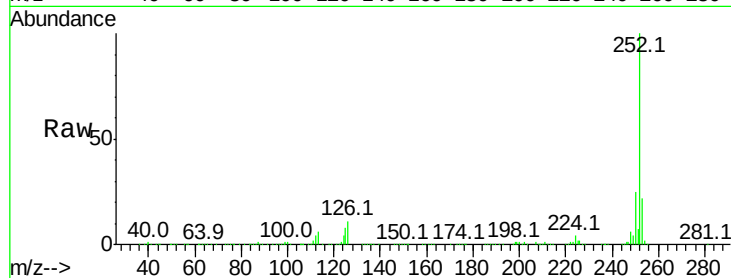
253 21.8 18.2 27.4

125 8.4 9.8 14.6#

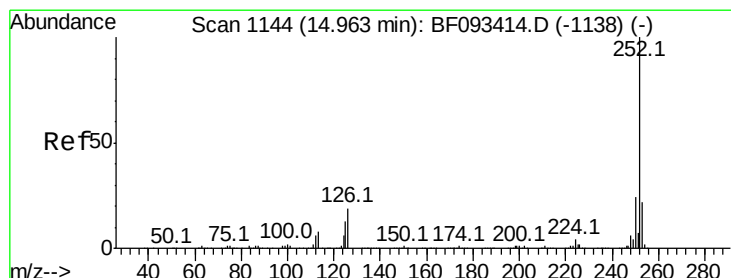
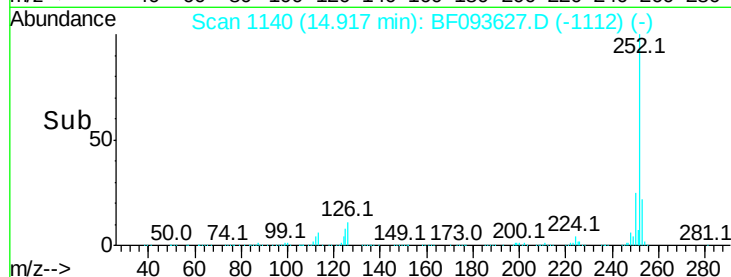
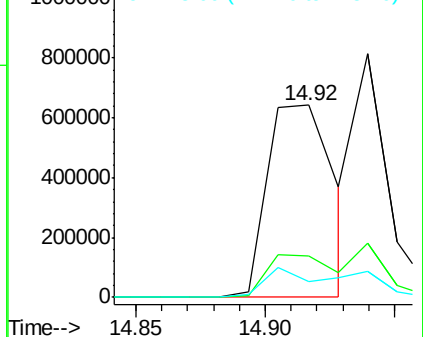
Manual Integrations
APPROVED

mohammad

3/15/2017 5:38:22 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.46 ng m

RT: 14.94 min Scan# 1142

Delta R.T. 0.02 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

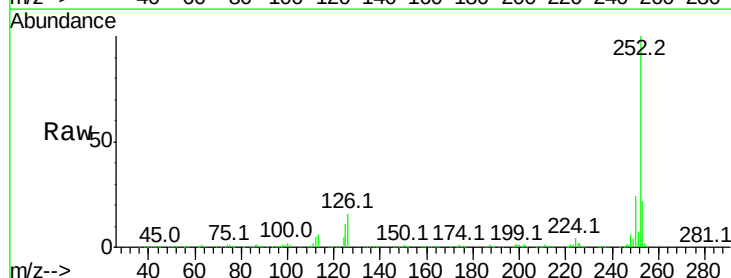
Tgt Ion:252 Resp: 753351

Ion Ratio Lower Upper

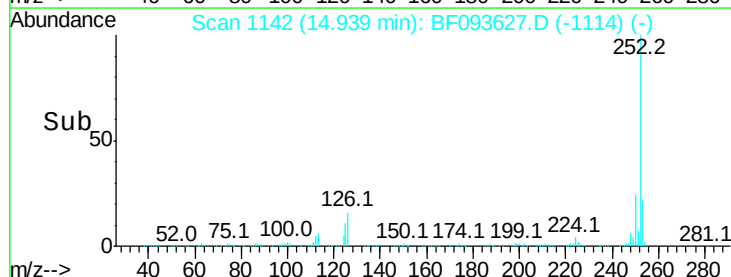
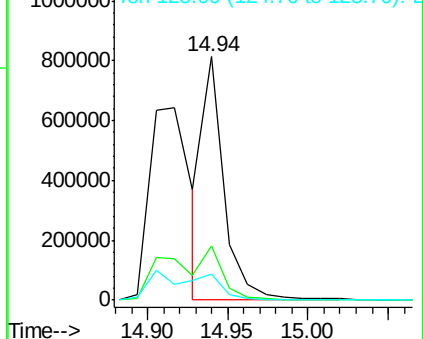
252 100

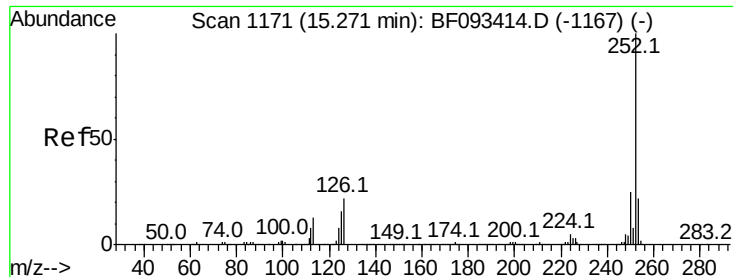
253 22.3 18.5 27.7

125 10.8 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





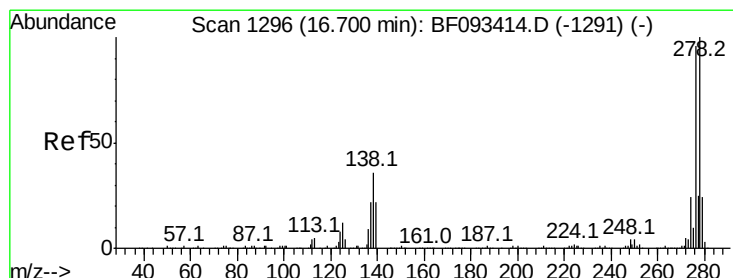
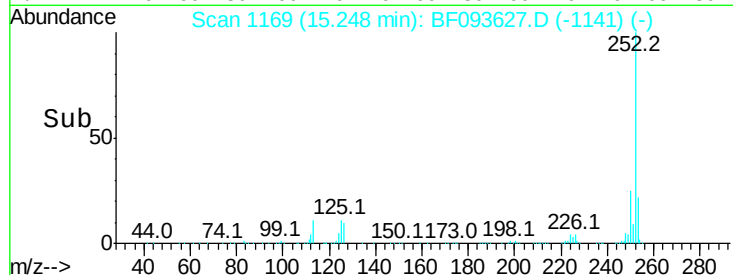
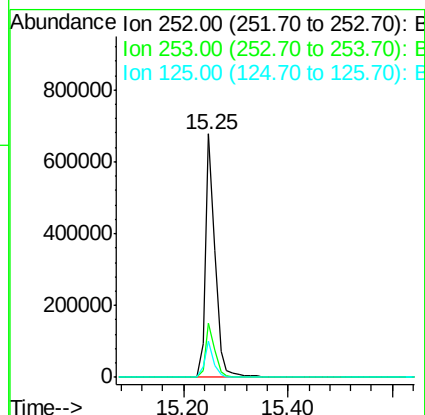
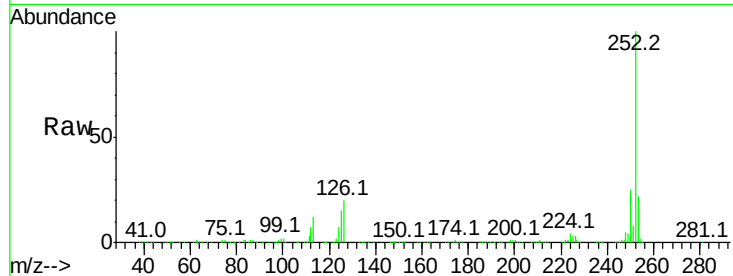
#89
Benzo(a)pyrene
Concen: 46.28 ng
RT: 15.25 min Scan# 1169
Delta R.T. 0.02 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Instrument :
BNA_F
ClientSampleId :
PB97546BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	14.7	10.0	15.0

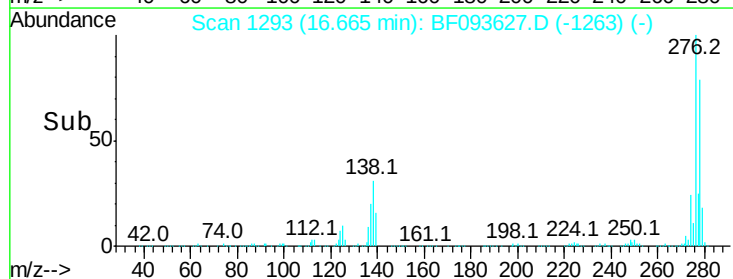
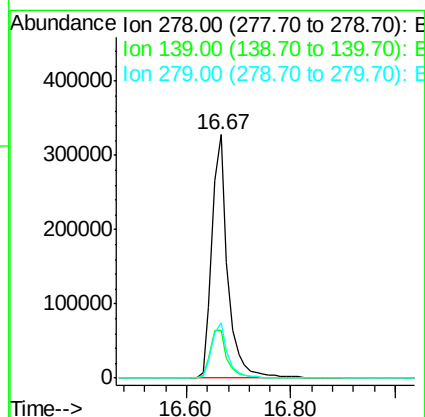
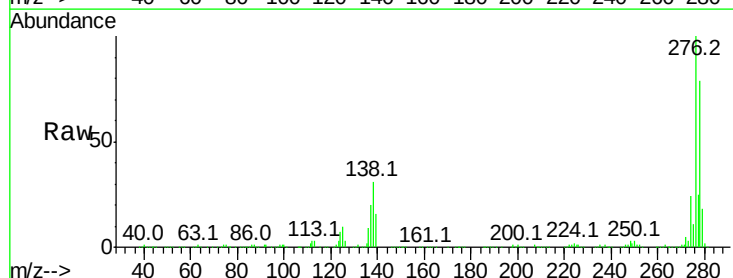
Manual Integrations
APPROVED

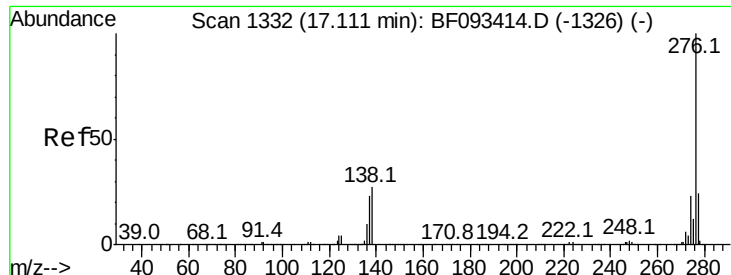
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 45.10 ng
RT: 16.67 min Scan# 1293
Delta R.T. 0.05 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	14.8	22.2
279	22.8	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 44.72 ng
 RT: 17.07 min Scan# 1328
 Delta R.T. 0.05 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Instrument :
 BNA_F
 ClientSampleId :
 PB97546BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	29.5	16.0	24.0

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