

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
 Data File : BF093325.D
 Acq On : 2 Mar 2017 17:19
 Operator : SJ/MA
 Sample : PB97286BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BS

Manual Integrations
 APPROVED

mohammad
 3/3/2017 5:16:36 PM

Quant Time: Mar 03 00:49:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 00:22:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	150061	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	588220	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	282816	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	512128	20.00	ng	0.00
75) Chrysene-d12	13.99	240	434901	20.00	ng	0.00
86) Perylene-d12	15.40	264	331464	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1276572	145.95	ng	0.01
7) Phenol-d6	6.45	99	1544105	137.20	ng	0.00
23) Nitrobenzene-d5	7.37	82	1000970	94.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	304569	148.90	ng	0.01
44) 2-Fluorobiphenyl	9.17	172	1453777	93.13	ng	0.00
78) Terphenyl-d14	12.93	244	1458668	78.81	ng	0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.40	88	186726	39.51	ng	# 82
3) Pyridine	3.09	79	453976	37.77	ng	89
4) n-Nitrosodimethylamine	3.06	42	263624	46.72	ng	88
6) Aniline	6.46	93	406398	26.47	ng	# 77
8) 2-Chlorophenol	6.58	128	415632	43.07	ng	83
9) Benzaldehyde	6.34	77	136495	16.93	ng	87
10) Phenol	6.46	94	626449	47.58	ng	82
11) bis(2-Chloroethyl)ether	6.53	93	450117	42.83	ng	90
12) 1,3-Dichlorobenzene	6.74	146	468260	41.43	ng	98
13) 1,4-Dichlorobenzene	6.81	146	478807	41.86	ng	100
14) 1,2-Dichlorobenzene	6.97	146	447301	40.89	ng	98
15) Benzyl Alcohol	6.96	79	357413	42.90	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	757546	41.49	ng	92
17) 2-Methylphenol	7.07	107	368968	44.57	ng	97
18) Hexachloroethane	7.31	117	167244	42.83	ng	# 89
19) n-Nitroso-di-n-propylamine	7.22	70	323381	45.14	ng	95
20) 3+4-Methylphenols	7.23	107	486915	49.19	ng	# 75
22) Acetophenone	7.22	105	617312	45.96	ng	# 97
24) Nitrobenzene	7.39	77	513061	47.30	ng	98
25) Isophorone	7.63	82	923495	46.92	ng	95
26) 2-Nitrophenol	7.71	139	254149	49.29	ng	96
27) 2,4-Dimethylphenol	7.76	122	428128	47.28	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	605448	46.44	ng	100
29) 2,4-Dichlorophenol	7.96	162	394705	46.74	ng	95
30) 1,2,4-Trichlorobenzene	8.03	180	379246	41.67	ng	95
31) Naphthalene	8.11	128	1209094	40.55	ng	99
32) Benzoic acid	7.90	122	171258	35.56	ng	96
33) 4-Chloroaniline	8.17	127	266614	22.80	ng	94
34) Hexachlorobutadiene	8.22	225	196831	39.31	ng	98
35) Caprolactam	8.56	113	133629m	50.31	ng	
36) 4-Chloro-3-methylphenol	8.67	107	402577	45.72	ng	98
37) 2-Methylnaphthalene	8.81	142	828874	43.29	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	377810	47.59	ng	98
40) Hexachlorocyclopentadiene	8.96	237	252769	70.57	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	248180	47.58	nq	92
43) 2,4,5-Trichlorophenol	9.15	196	241888	42.32	nq #	84
45) 1,1'-Biphenyl	9.28	154	1014014	49.51	nq	98
46) 2-Chloronaphthalene	9.30	162	767178	47.89	nq	96
47) 2-Nitroaniline	9.40	65	267643	49.69	nq	90
48) Acenaphthylene	9.72	152	1225355	44.28	nq	97
49) Dimethylphthalate	9.58	163	963923	50.60	nq	100
50) 2,6-Dinitrotoluene	9.65	165	222614	54.11	nq	95
51) Acenaphthene	9.88	154	723926	43.75	nq	97
52) 3-Nitroaniline	9.82	138	158166	33.59	nq	83
53) 2,4-Dinitrophenol	9.94	184	227150	106.85	nq #	42
54) Dibenzofuran	10.06	168	1053726	47.61	nq	94
55) 4-Nitrophenol	10.01	139	212152	62.56	nq	91
56) 2,4-Dinitrotoluene	10.06	165	255893	46.72	nq	94
57) Fluorene	10.41	166	861547	50.60	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	205634	53.93	nq	93
59) Diethylphthalate	10.28	149	839550	46.77	nq	99
60) 4-Chlorophenyl-phenylether	10.40	204	377035	46.09	nq	89
61) 4-Nitroaniline	10.44	138	224139	46.48	nq	94
62) Azobenzene	10.56	77	1039584	56.05	nq	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	145519	46.76	nq #	41
65) n-Nitrosodiphenylamine	10.52	169	739330	45.19	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	227686	42.55	nq	93
67) Hexachlorobenzene	10.96	284	217923	41.22	nq #	89
68) Atrazine	11.06	200	242093	46.11	nq	92
69) Pentachlorophenol	11.16	266	183335	68.32	nq	99
70) Phenanthrene	11.37	178	1132493	38.60	nq	99
71) Anthracene	11.42	178	1302641	44.21	nq	98
72) Carbazole	11.58	167	1184023	42.04	nq	98
73) Di-n-butylphthalate	11.90	149	1316030	43.20	nq	98
74) Fluoranthene	12.56	202	1131705	37.39	nq	97
76) Benzidine	12.68	184	419777	22.65	nq	96
77) Pyrene	12.79	202	1138760	34.99	nq	99
79) Butylbenzylphthalate	13.40	149	633196	47.91	nq	88
80) Benzo(a)anthracene	13.97	228	1091242	41.03	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	249502	26.31	nq #	94
82) Chrysene	14.01	228	834965	33.53	nq	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	802921	44.42	nq	100
84) Di-n-octyl phthalate	14.57	149	1388465	47.17	nq	100
85) Indeno(1,2,3-cd)pyrene	16.80	276	743235	38.53	nq #	94
87) Benzo(b)fluoranthene	15.00	252	1009550m	46.27	nq	
88) Benzo(k)fluoranthene	15.03	252	727685m	38.63	nq	
89) Benzo(a)pyrene	15.35	252	824663	43.70	nq	98
90) Dibenzo(a,h)anthracene	16.80	278	622785	40.83	nq #	94
91) Benzo(g,h,i)perylene	17.21	276	625531	40.60	nq #	90

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

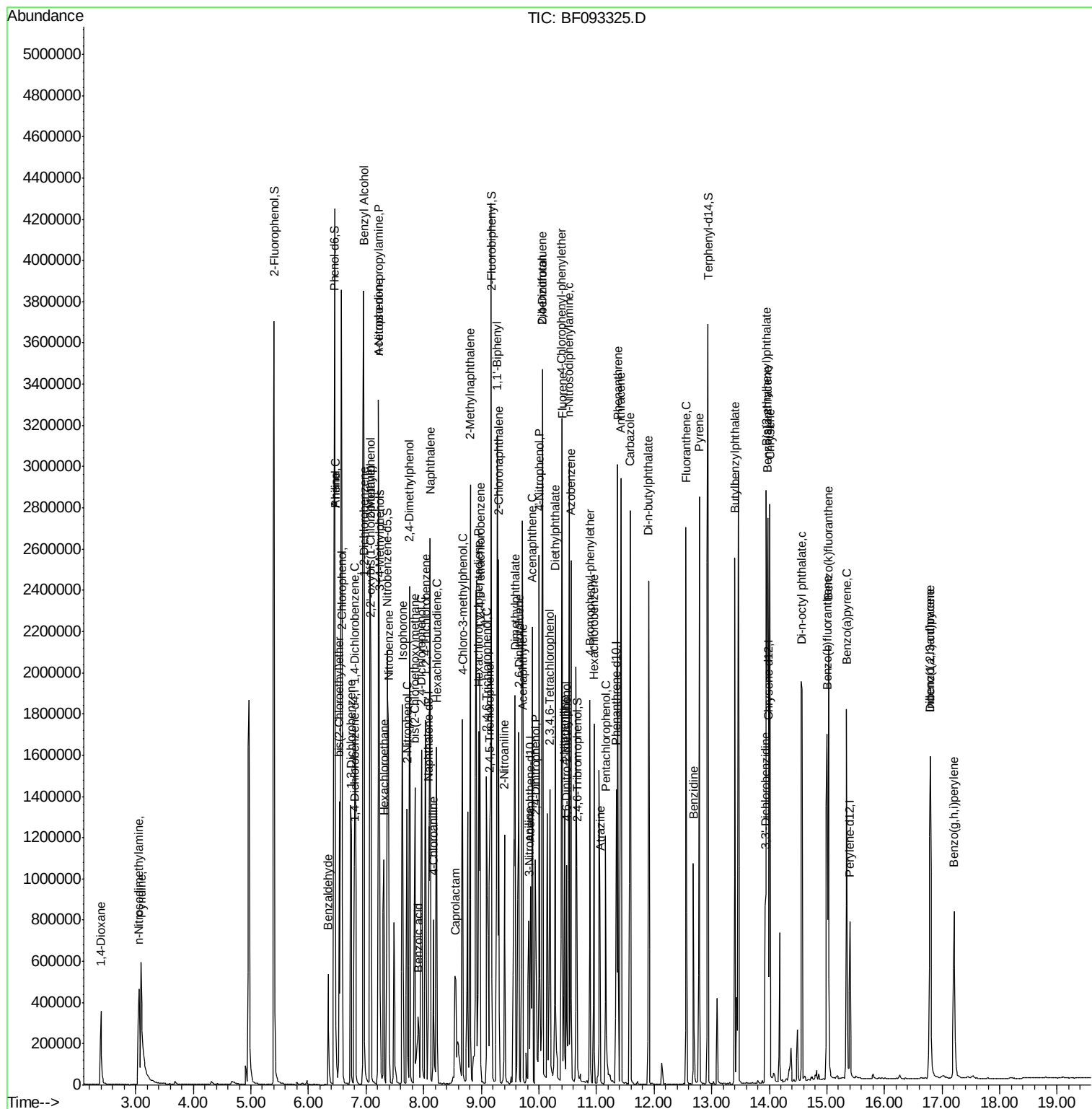
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
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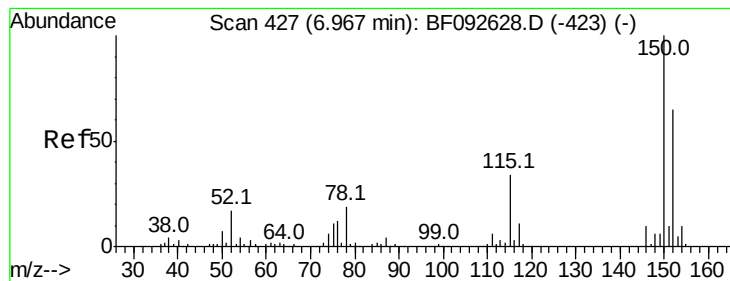
Instrument :
BNA_F
ClientSampled :
PB97286BS

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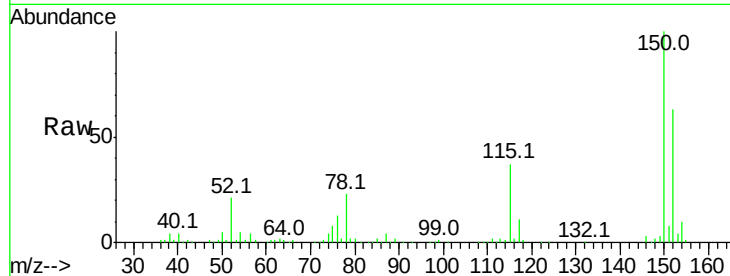
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97286BS

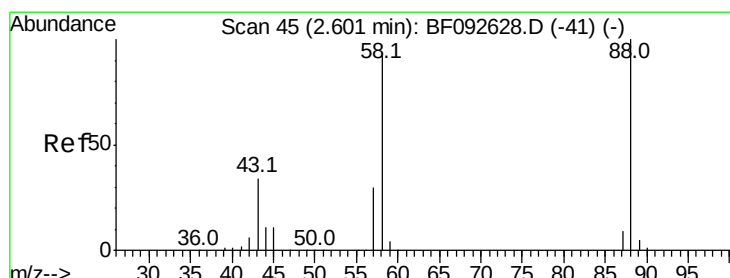
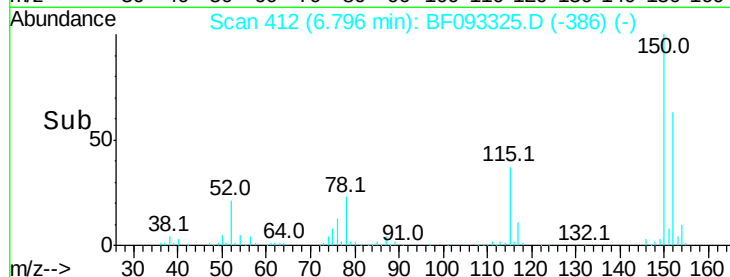
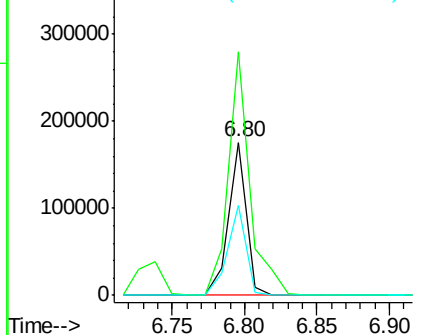
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.9	187.3
115	58.6	46.0	69.0

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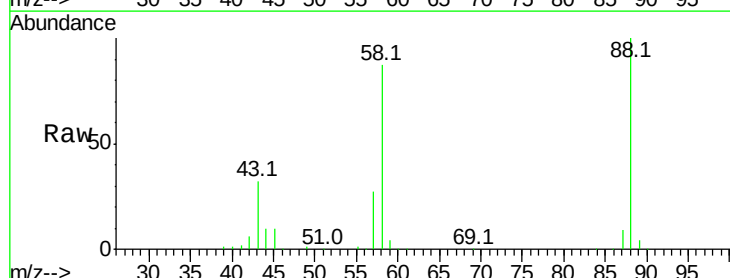


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E

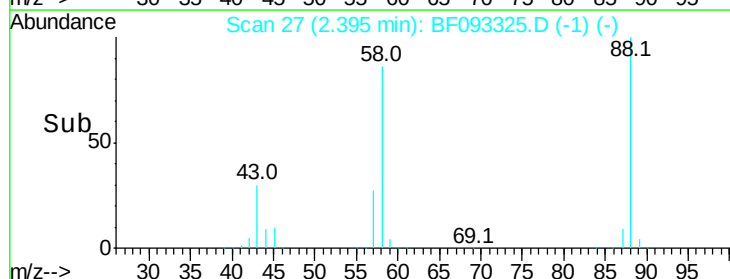
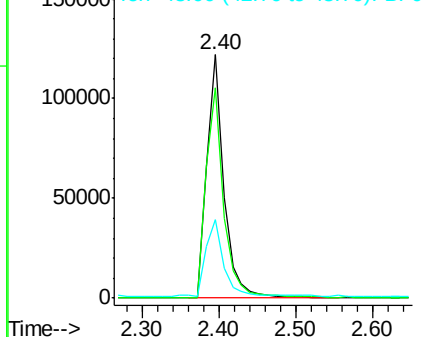


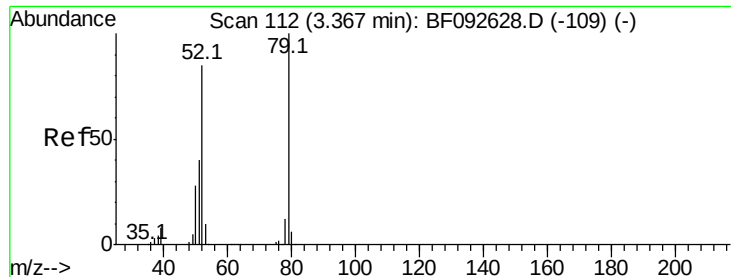
#2
1,4-Dioxane
Concen: 39.51 ng
RT: 2.40 min Scan# 27
Delta R.T. 0.08 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.4	57.8	86.8#
43	32.2	22.3	33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.77 ng

RT: 3.09 min Scan# 88

Delta R.T. 0.08 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

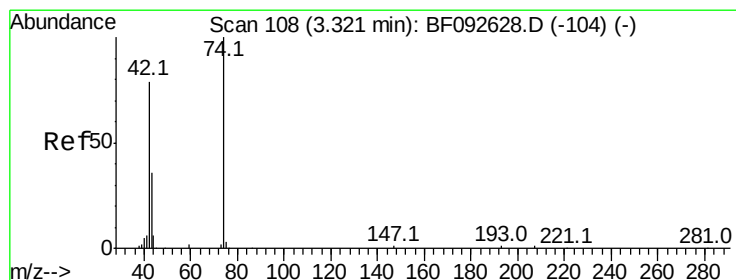
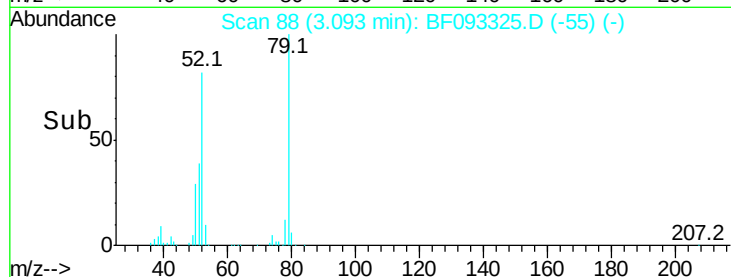
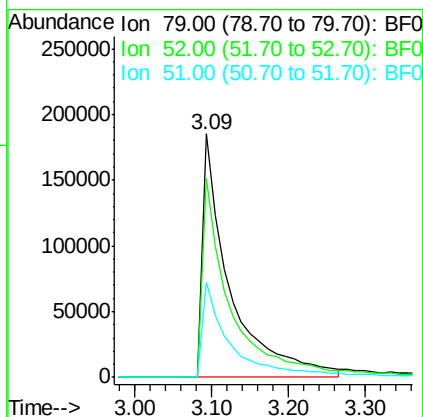
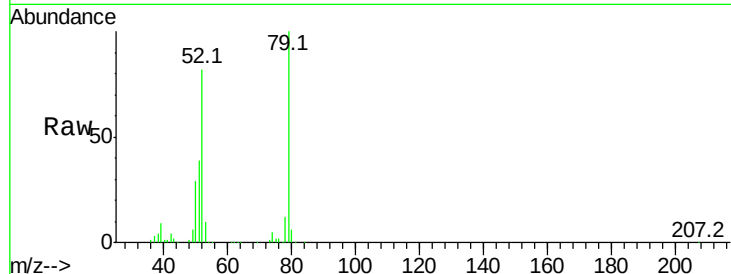
ClientSampled :

PB97286BS

Tot Ion:	79	Resp:	453976
Ion Ratio	Lower	Upper	
79	100		
52	81.8	57.1	85.7
51	39.3	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 46.72 ng

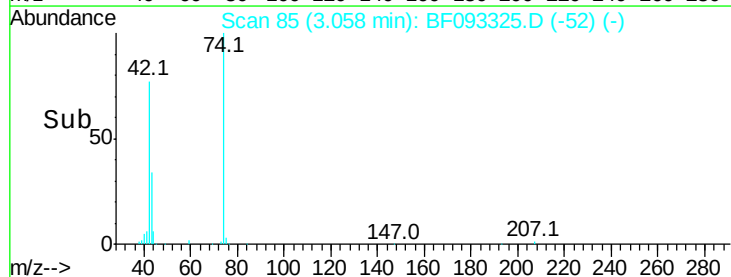
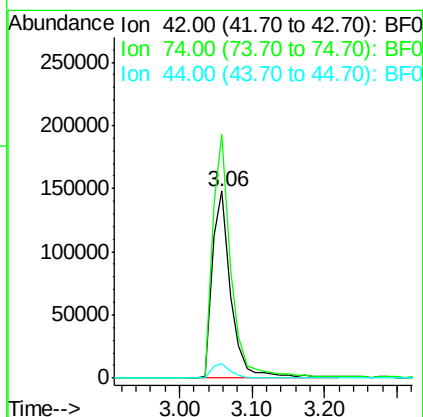
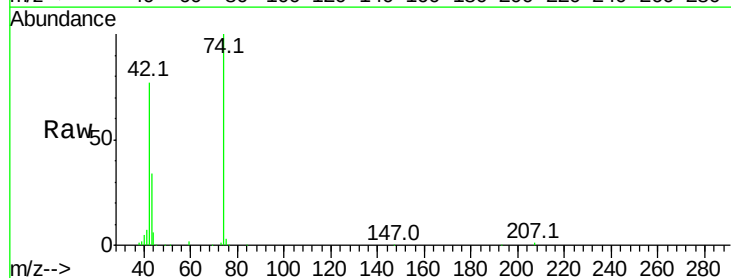
RT: 3.06 min Scan# 85

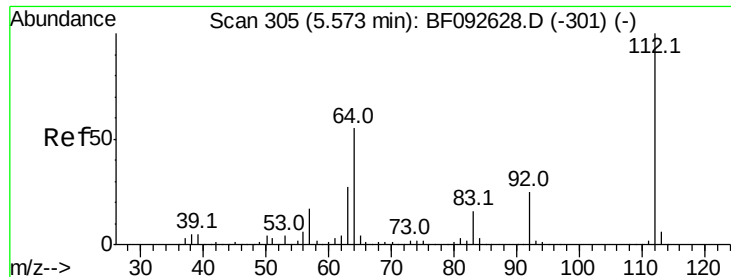
Delta R.T. 0.08 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Tgt Ion:	42	Resp:	263624
Ion Ratio	Lower	Upper	
42	100		
74	130.1	117.0	175.4
44	7.9	5.5	8.3





#5

2-Fluorophenol

Concen: 145.95 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97286BS

Tot Ion:112 Resp: 1276572

Ion Ratio Lower Upper

112 100

64 60.3 46.1 69.1

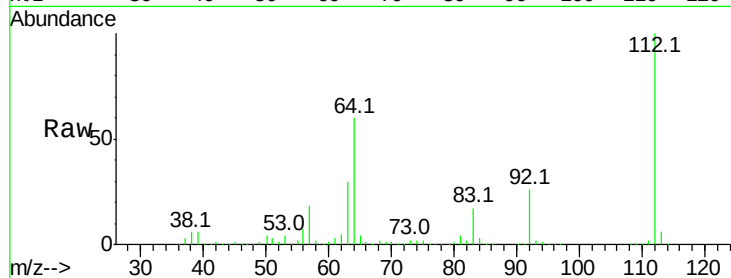
63 30.4 23.8 35.6

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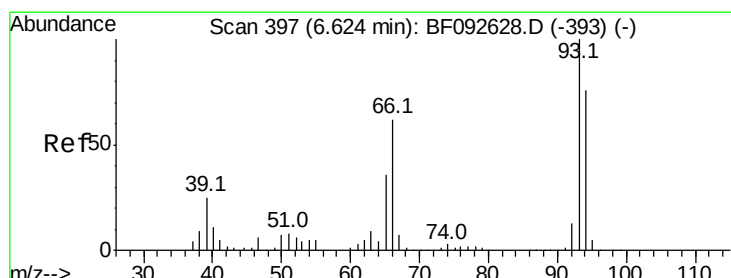
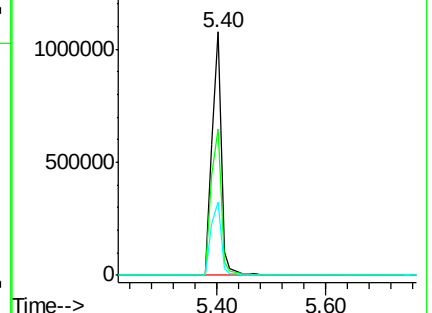
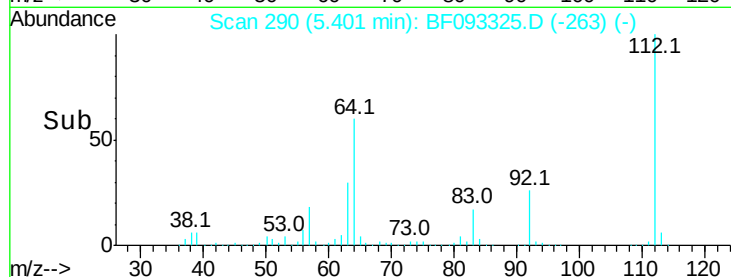
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.47 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

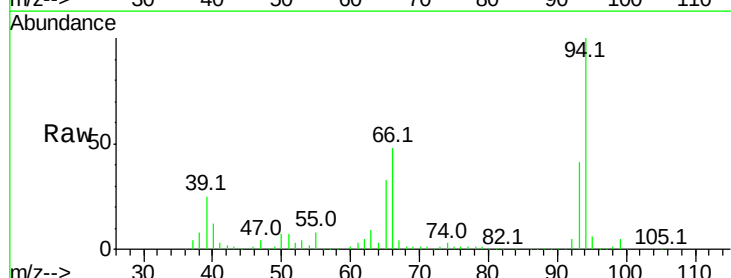
Tgt Ion: 93 Resp: 406398

Ion Ratio Lower Upper

93 100

66 116.8 76.2 114.2#

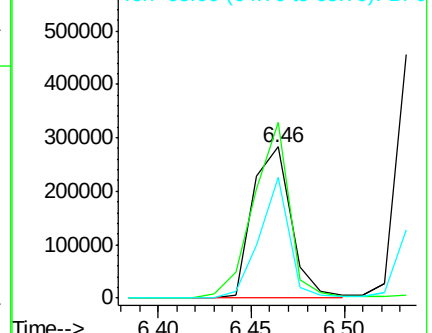
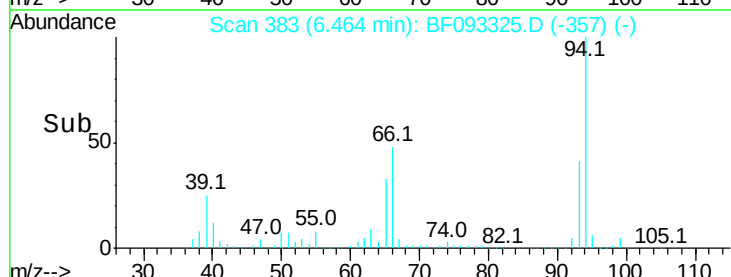
65 79.5 49.3 73.9#

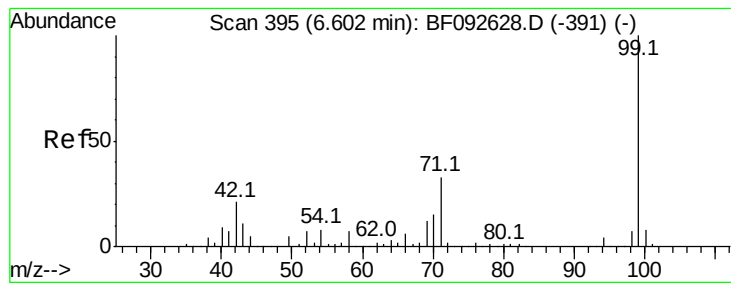


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 137.20 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF093325.D

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Instrument :

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PB97286BS

Tot Ion: 99 Resp: 1544105

Ion Ratio Lower Upper

99 100

42 18.6 15.6 23.4

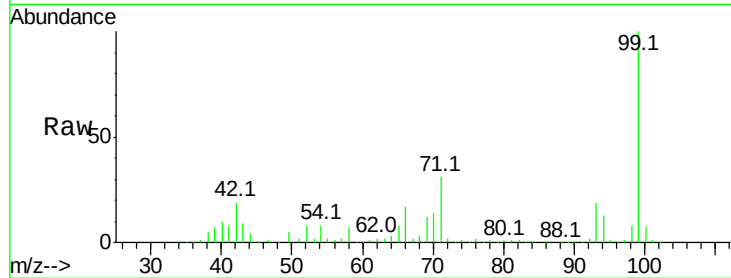
71 31.3 27.5 41.3

Manual Integrations

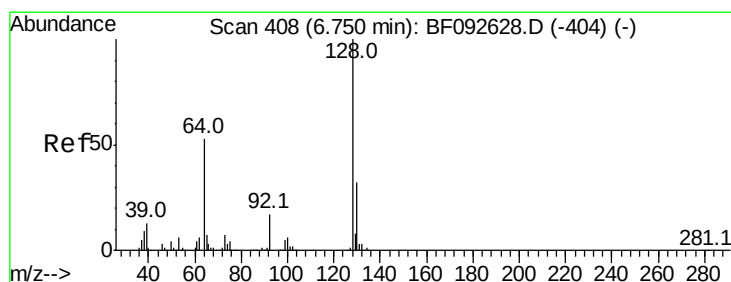
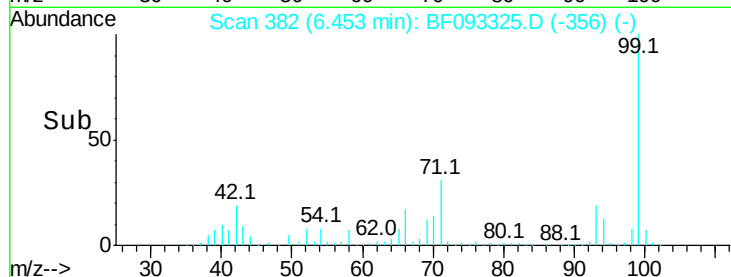
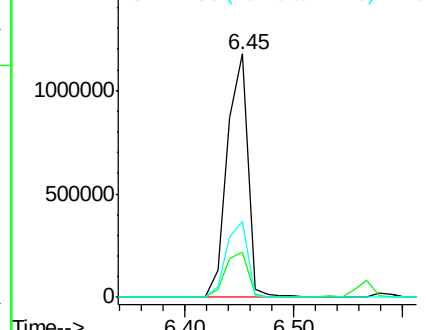
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.07 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

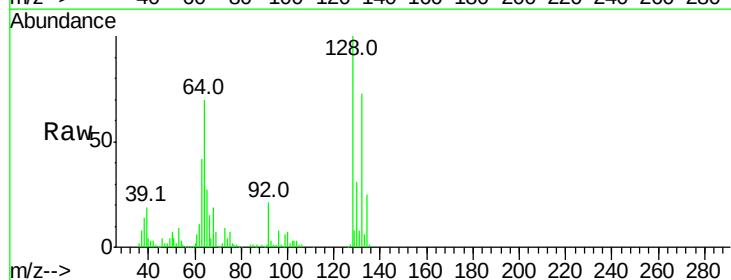
Tgt Ion:128 Resp: 415632

Ion Ratio Lower Upper

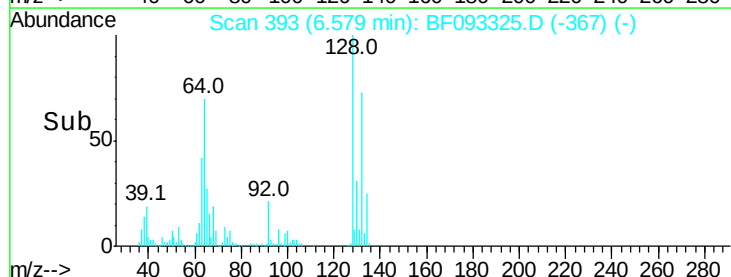
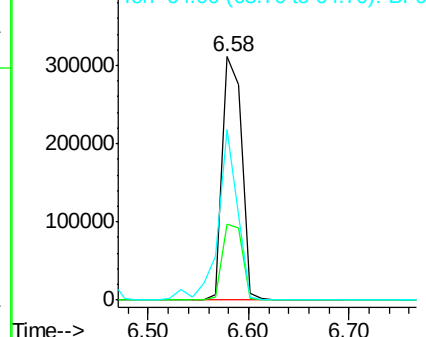
128 100

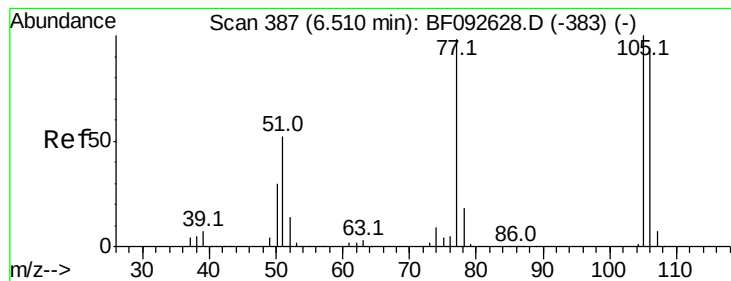
130 31.0 12.3 52.3

64 70.1 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.93 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

ClientSampleId :

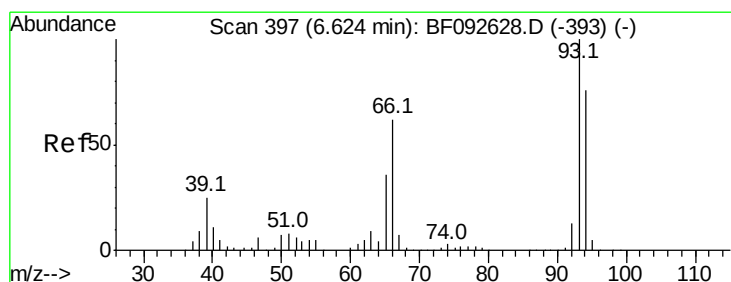
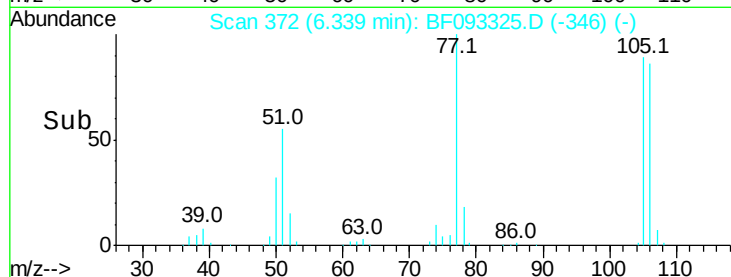
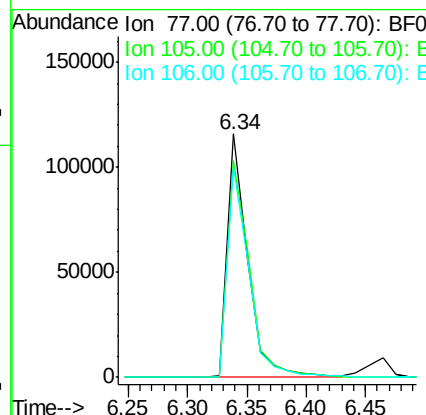
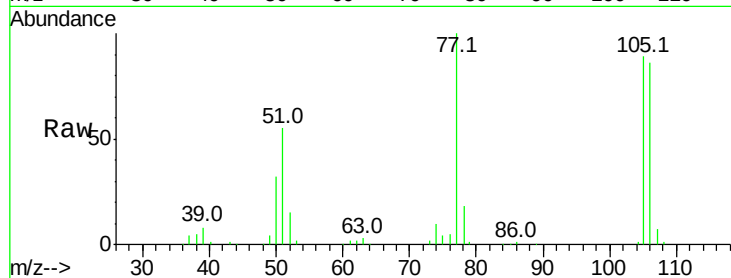
PB97286BS

Tot Ion: 77 Resp: 136495

Ion	Ratio	Lower	Upper
77	100		
105	89.0	83.9	123.9
106	86.3	77.6	117.6

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#10

Phenol

Concen: 47.58 ng

RT: 6.46 min Scan# 383

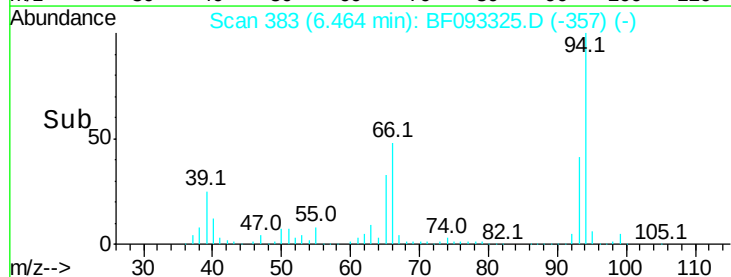
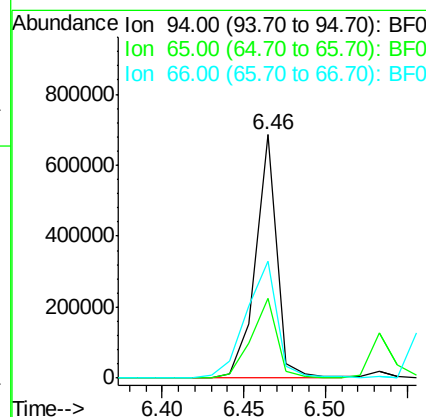
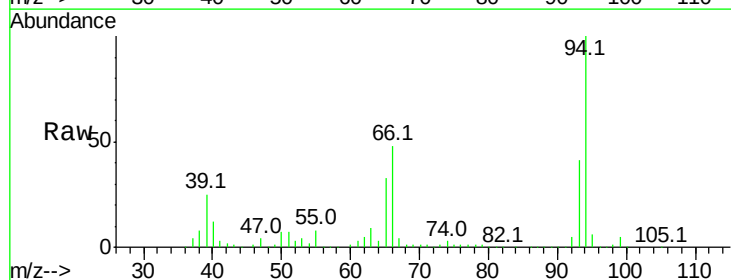
Delta R.T. -0.00 min

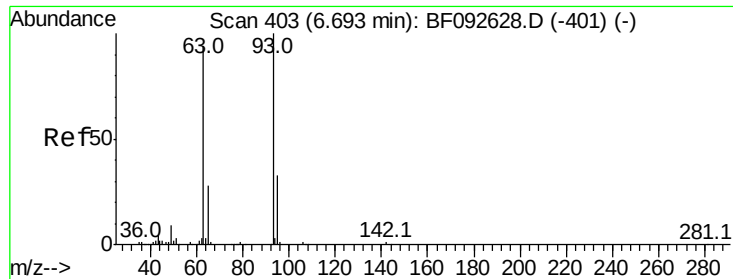
Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Tgt Ion: 94 Resp: 626449

Ion	Ratio	Lower	Upper
94	100		
65	32.8	21.4	61.4
66	48.1	44.0	84.0





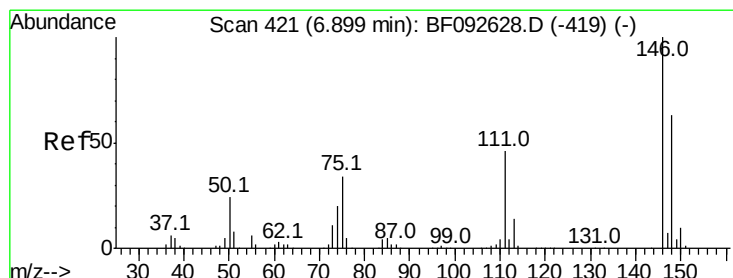
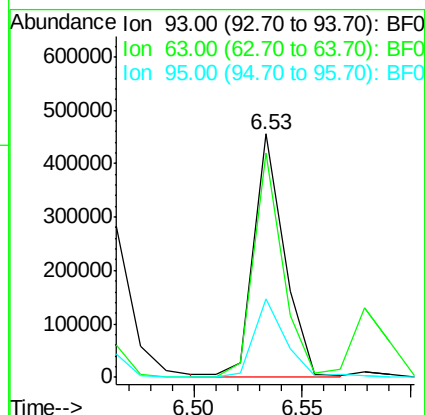
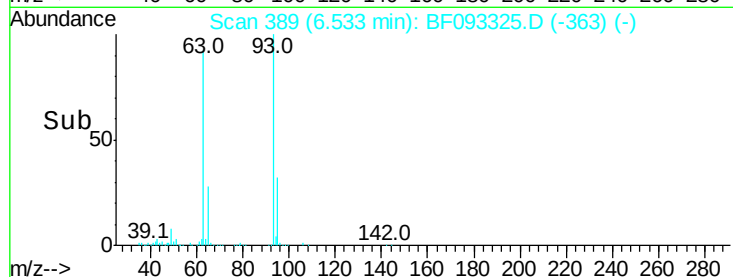
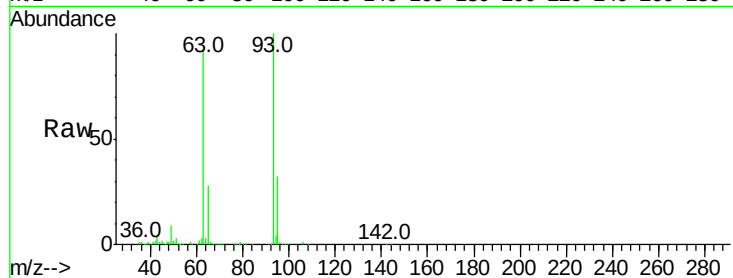
#11
bis(2-Chloroethyl)ether
Concen: 42.83 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97286BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	92.3	60.4	100.4
95	32.5	12.8	52.8

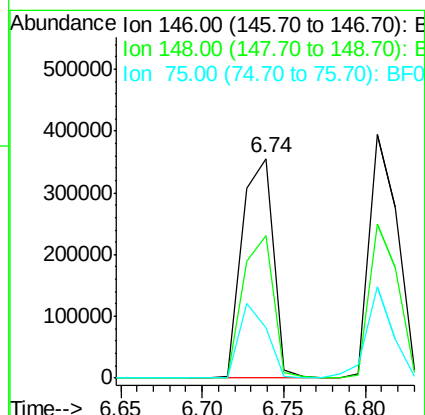
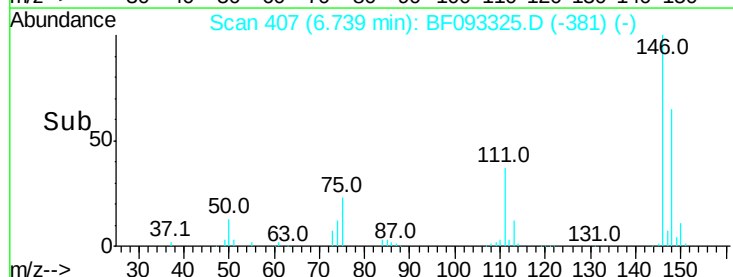
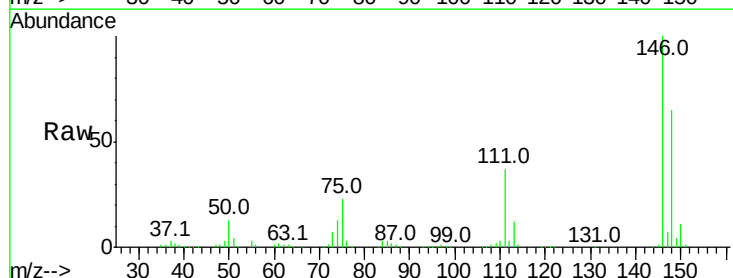
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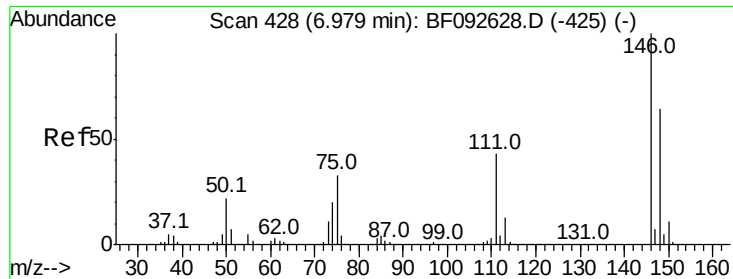
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#12
1,3-Dichlorobenzene
Concen: 41.43 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	53.4	80.0
75	23.1	18.5	27.7





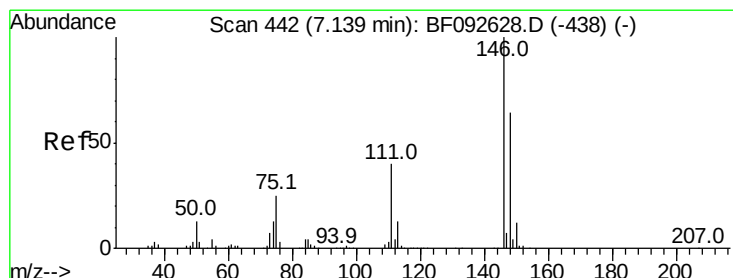
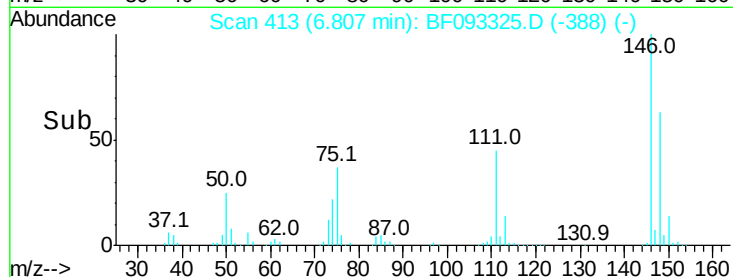
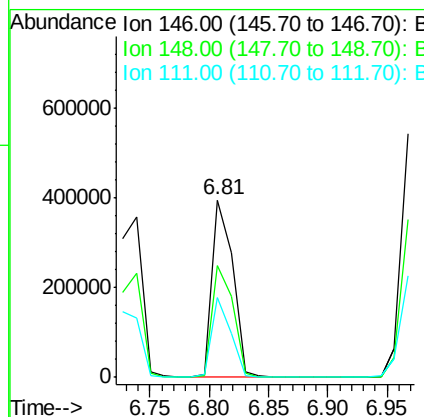
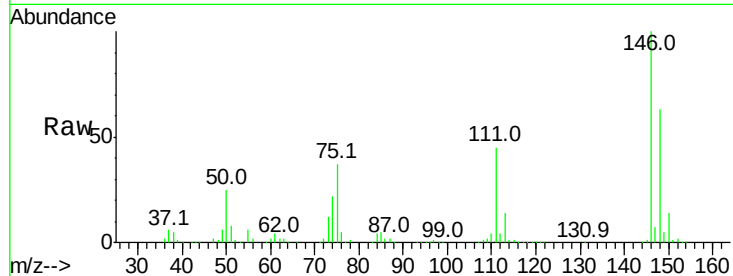
#13
 1,4-Dichlorobenzene
 Concen: 41.86 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	76.0
111	45.0	36.2	54.4

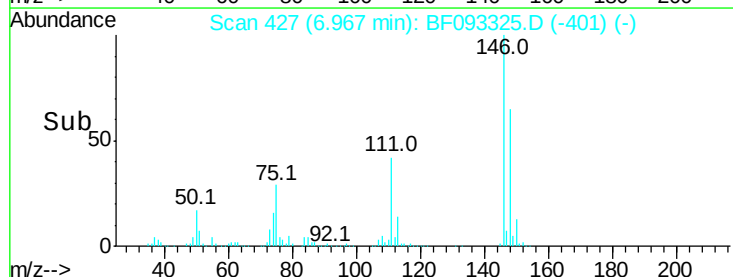
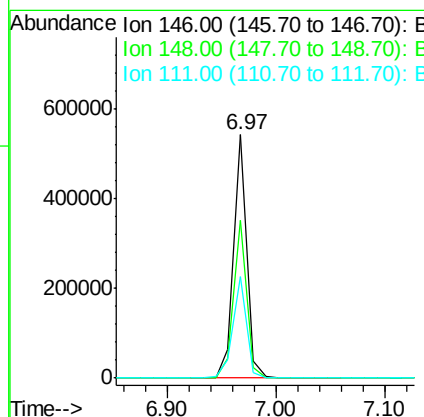
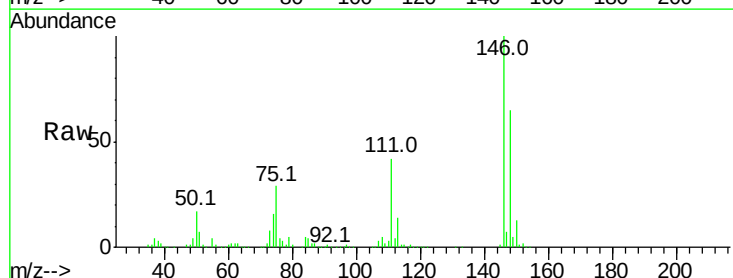
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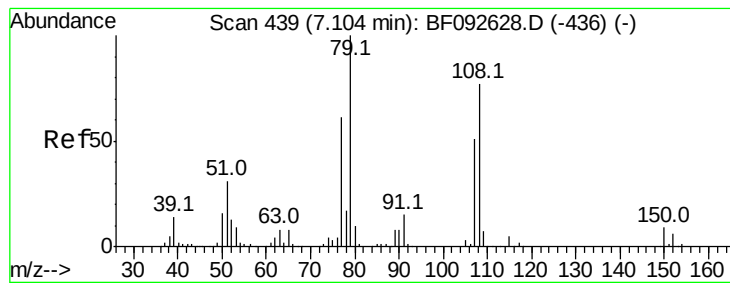
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#14
 1,2-Dichlorobenzene
 Concen: 40.89 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.2	78.2
111	42.0	36.2	54.2





#15

Benzyl Alcohol

Concen: 42.90 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

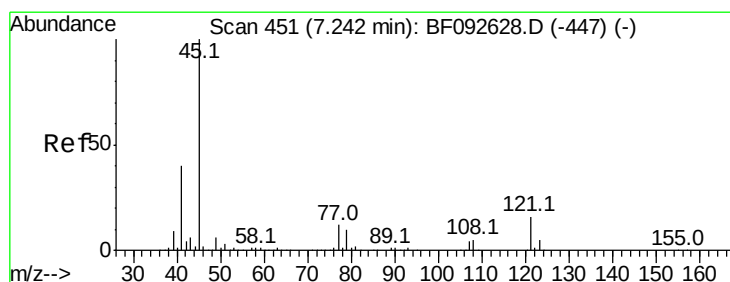
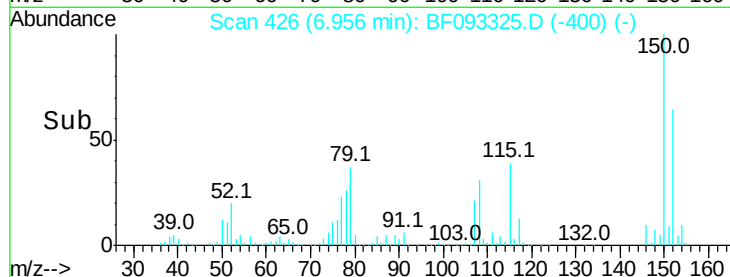
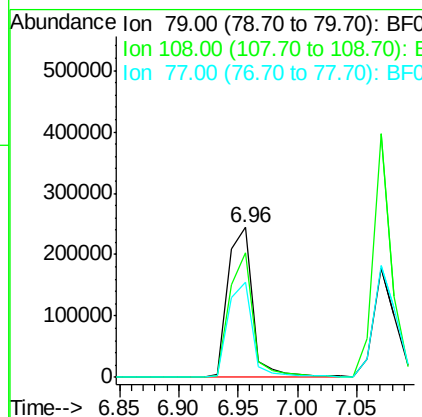
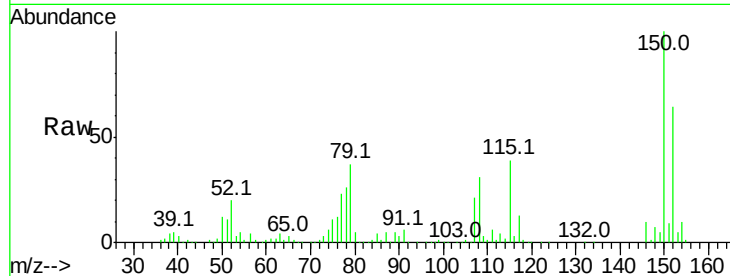
ClientSampled :

PB97286BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.8	61.4	92.0
77	63.5	50.9	76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.49 ng

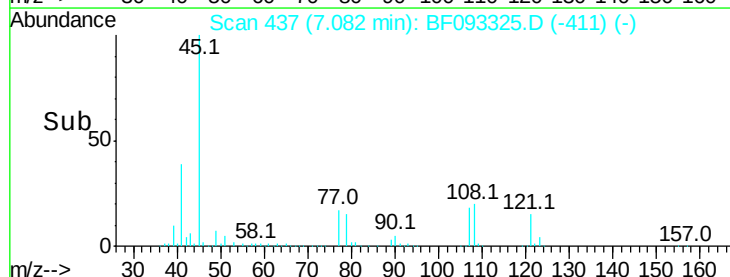
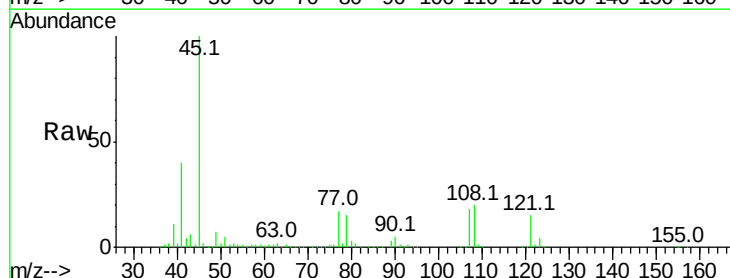
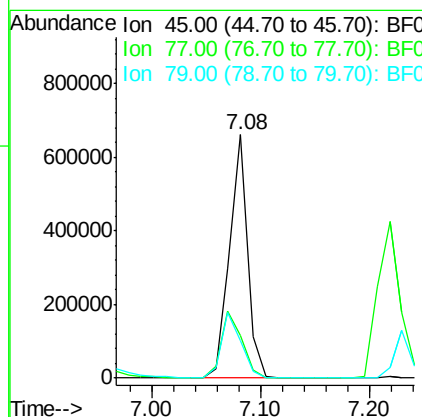
RT: 7.08 min Scan# 437

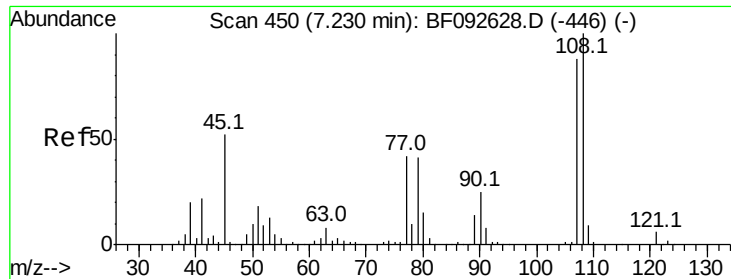
Delta R.T. -0.00 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.3	0.0	34.6
79	15.3	0.0	31.2





#17

2-Methylphenol

Concen: 44.57 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97286BS

Tot Ion:107 Resp: 368968

Ion Ratio Lower Upper

107 100

108 114.9 93.0 139.6

77 52.9 39.8 59.8

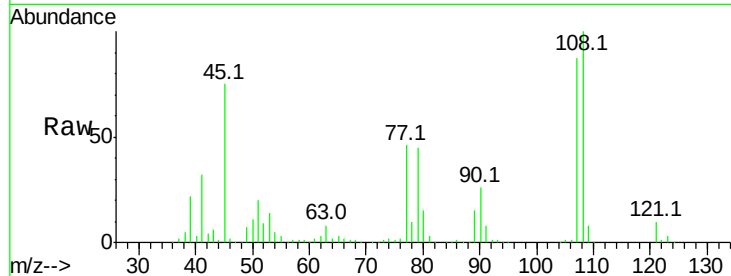
79 51.5 38.0 57.0

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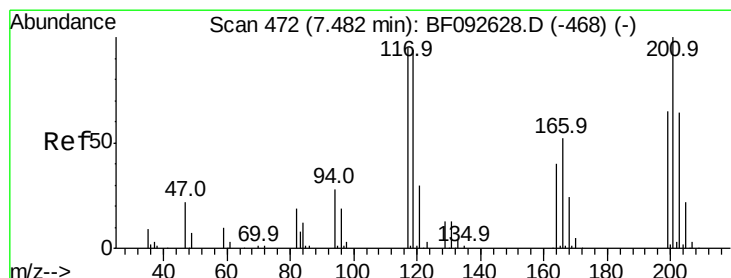
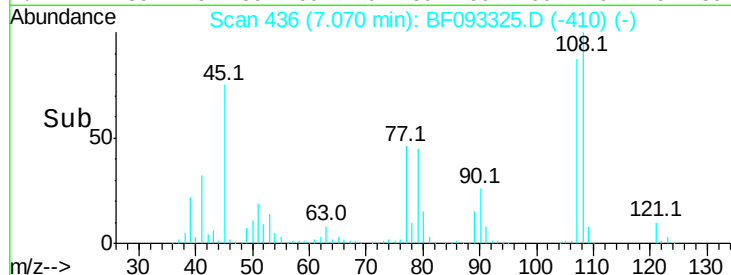
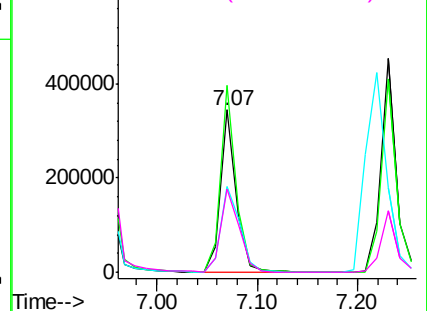
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 42.83 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

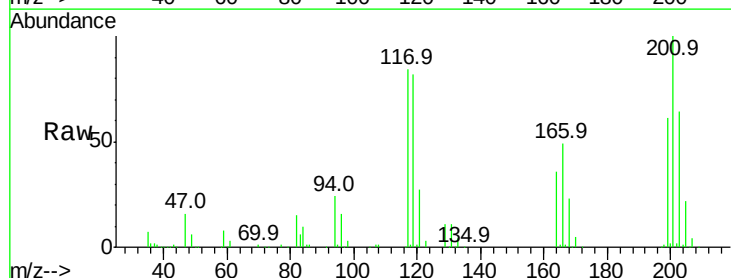
Tgt Ion:117 Resp: 167244

Ion Ratio Lower Upper

117 100

119 97.0 78.1 117.1

201 118.7 78.6 117.8#

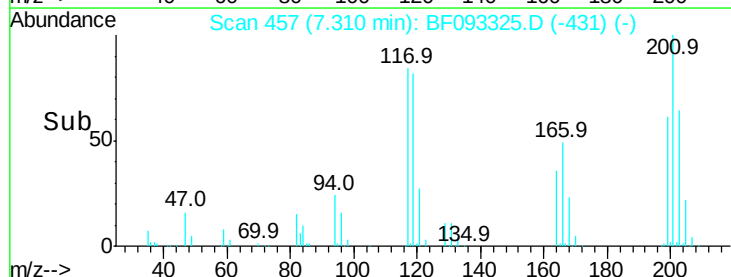
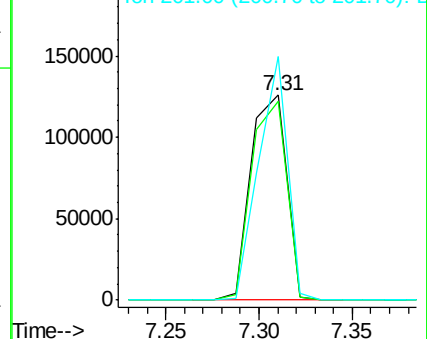


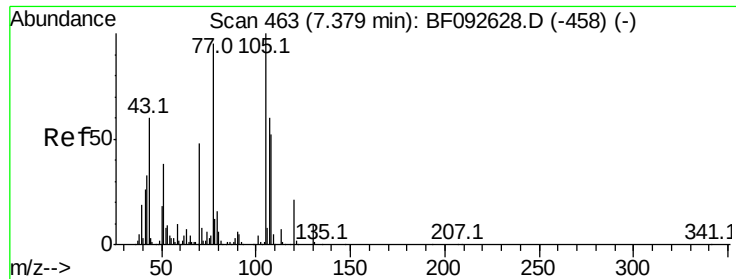
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





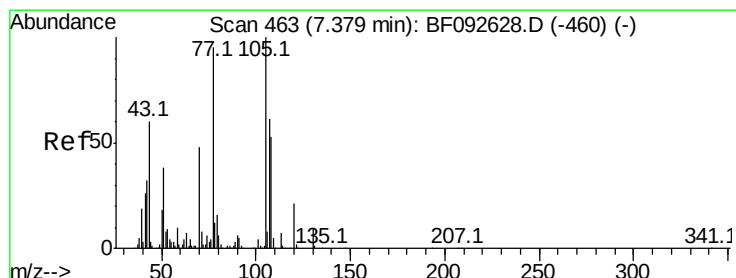
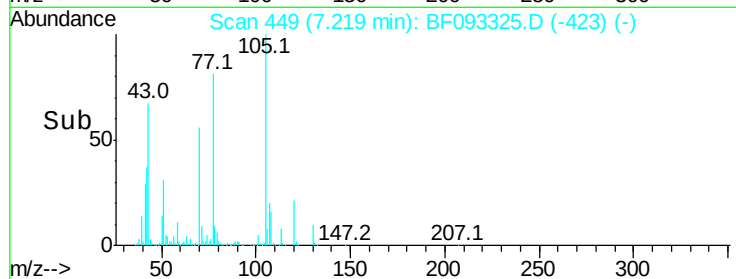
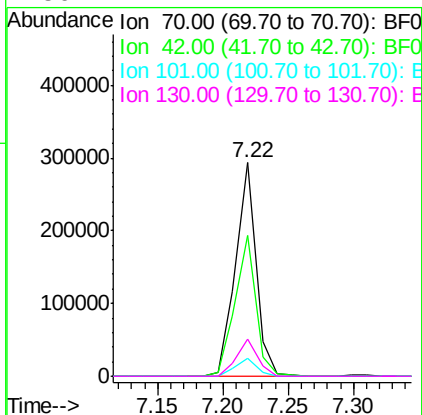
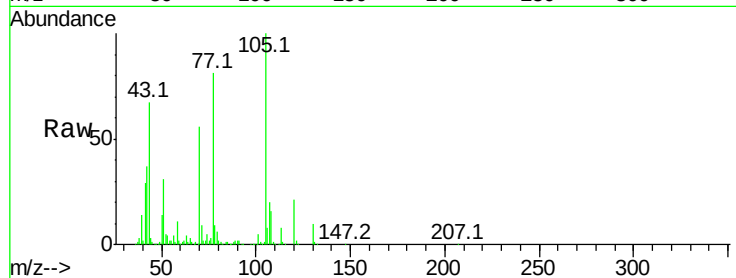
#19
n-Nitroso-di-n-propylamine
Concen: 45.14 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97286BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.2	49.4	74.0
101	8.7	7.4	11.2
130	17.2	14.2	21.4

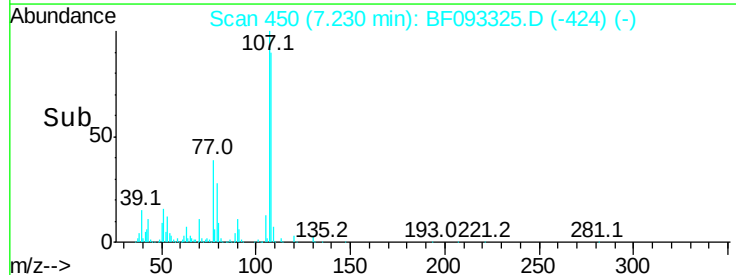
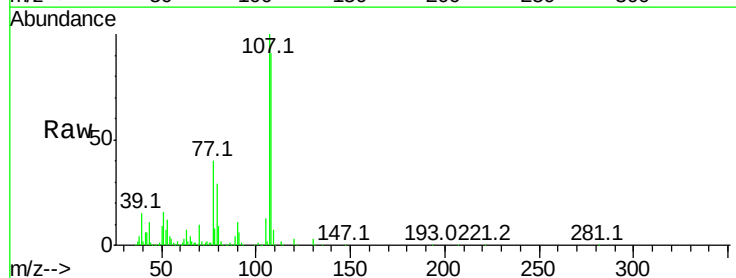
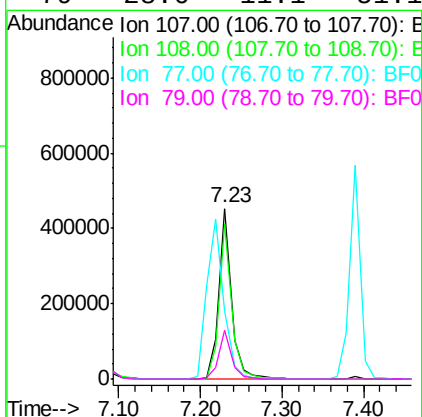
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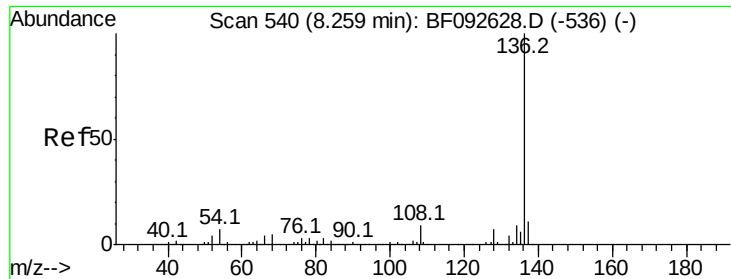
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#20
3+4-Methylphenols
Concen: 49.19 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.6	73.0	113.0
77	39.7	71.3	111.3
79	28.6	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

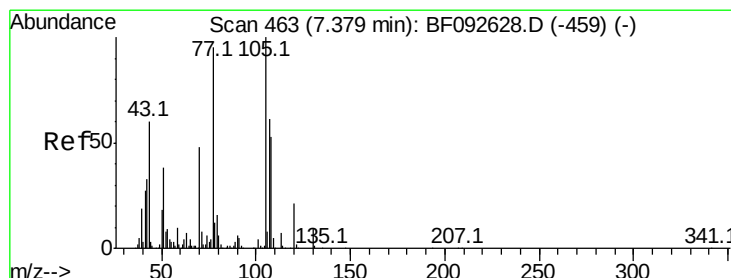
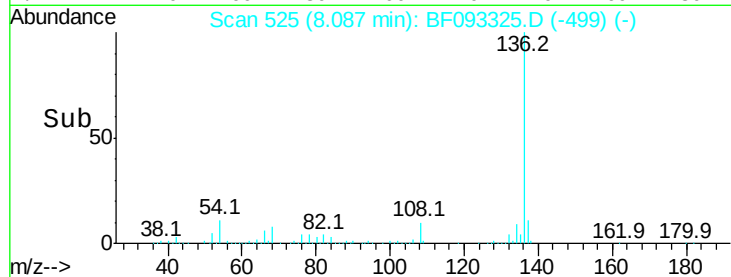
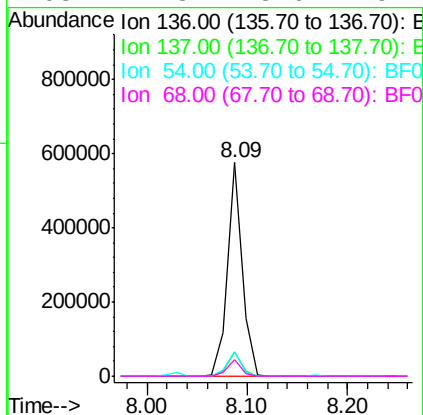
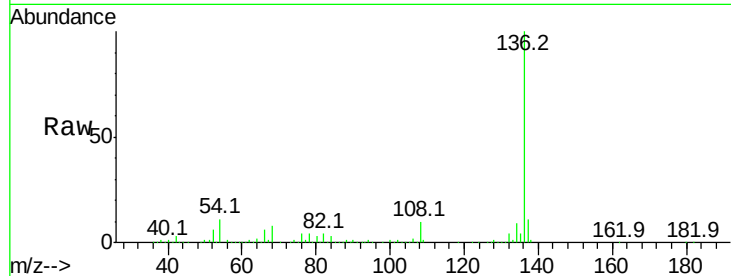
ClientSampleId :

PB97286BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	588220		
137	11.1		8.4	12.6
54	11.2		4.5	6.7#
68	7.8		3.6	5.4#

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#22

Acetophenone

Concen: 45.96 ng

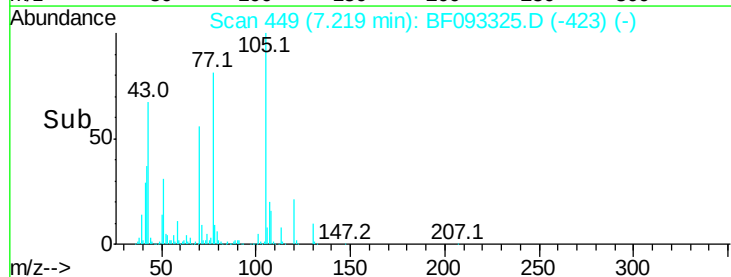
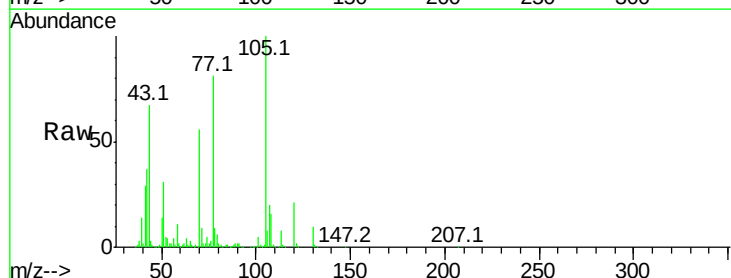
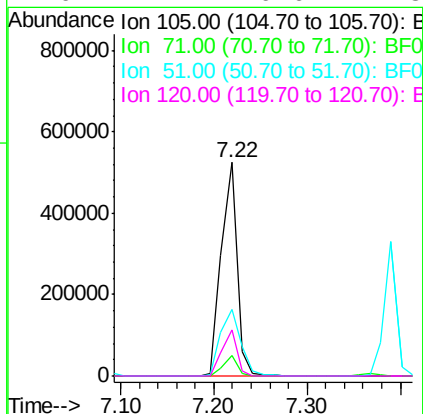
RT: 7.22 min Scan# 449

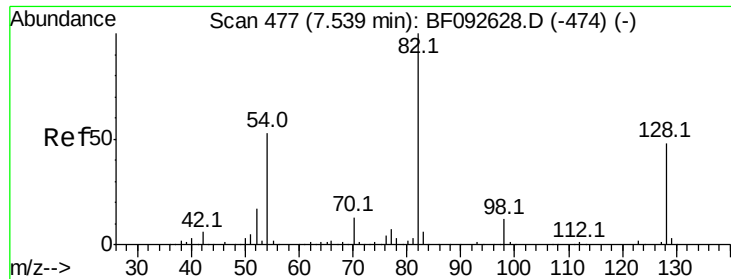
Delta R.T. -0.00 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	617312		
71	9.3		3.2	4.8#
51	31.1		26.2	39.4
120	21.4		16.6	24.8





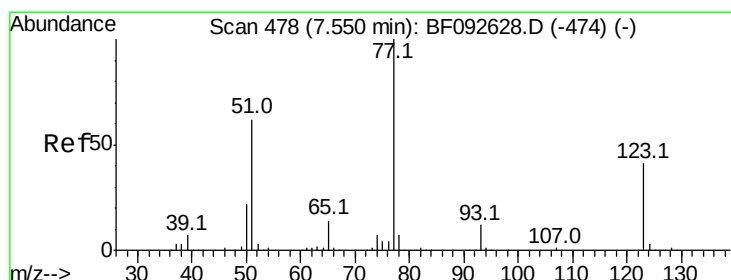
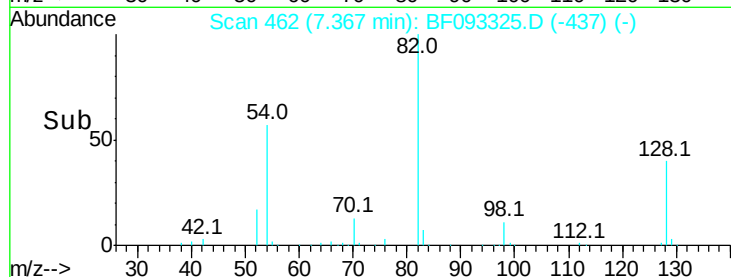
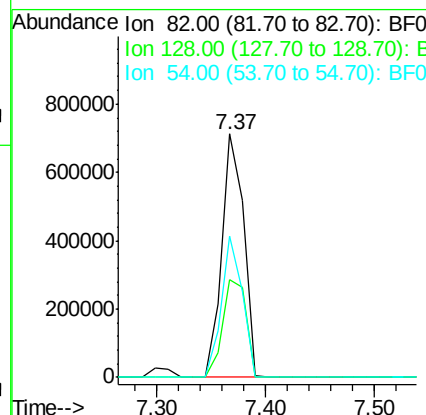
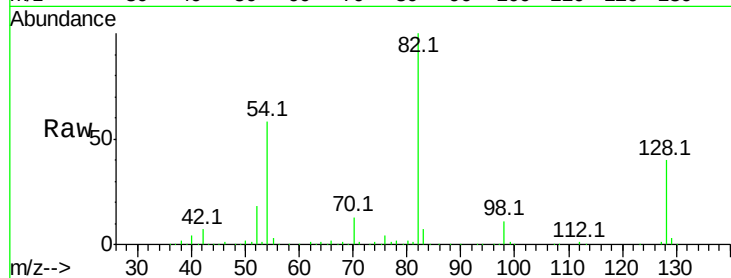
#23
Nitrobenzene-d5
Concen: 94.76 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97286BS

Tot Ion: 82 Resp: 1000970
Ion Ratio Lower Upper
82 100
128 40.0 34.6 52.0
54 58.1 39.5 59.3

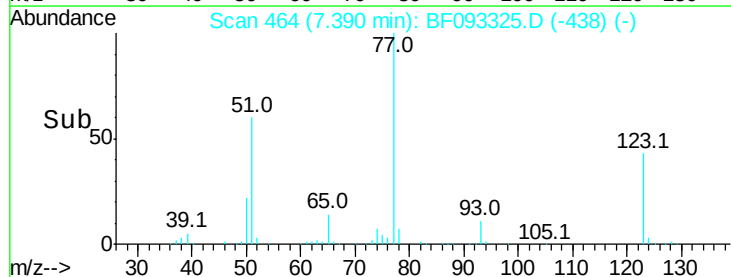
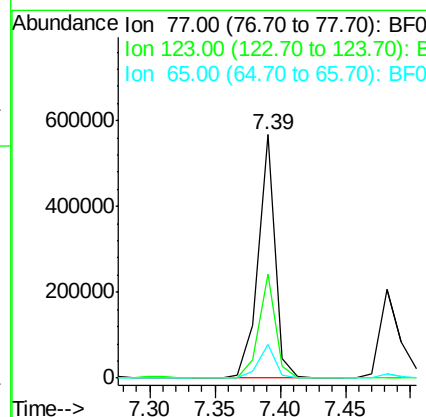
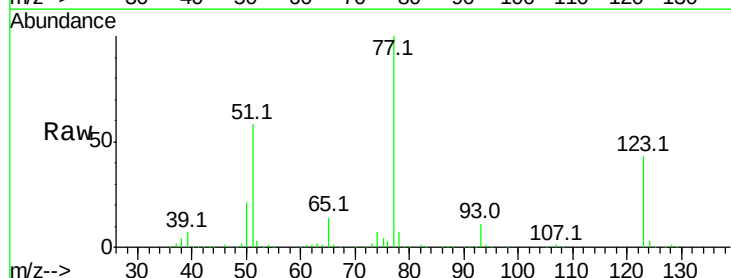
Manual Integrations
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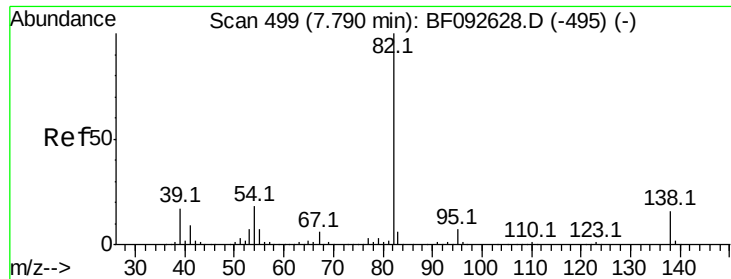
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#24
Nitrobenzene
Concen: 47.30 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion: 77 Resp: 513061
Ion Ratio Lower Upper
77 100
123 42.8 33.0 49.4
65 14.0 11.2 16.8





#25

Isophorone

Concen: 46.92 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

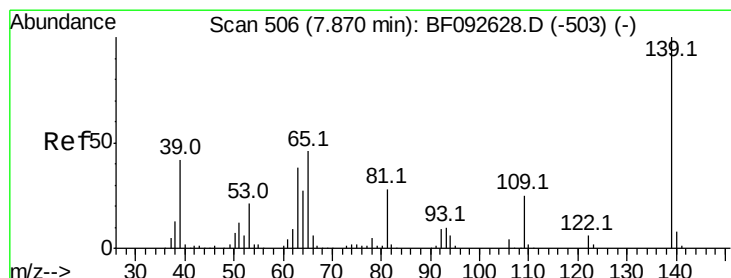
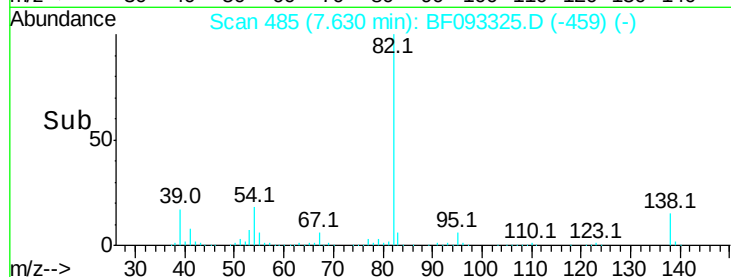
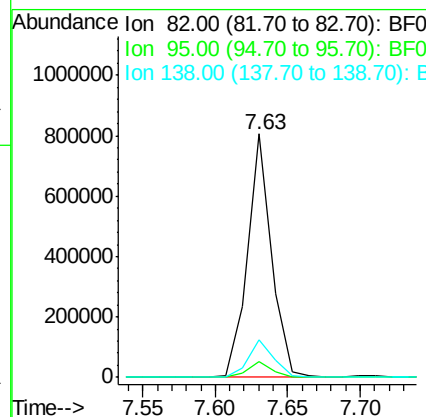
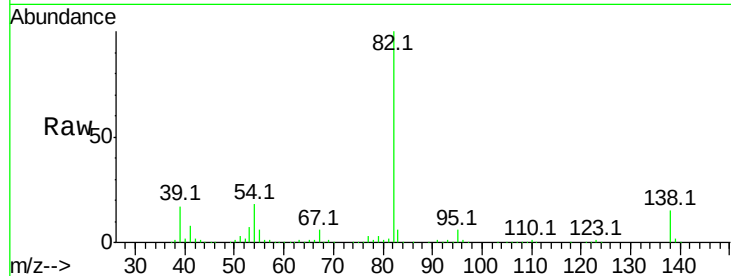
ClientSampleId :

PB97286BS

Tot Ion:	82	Resp:	923495
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.6	8.4
138	15.3	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.29 ng

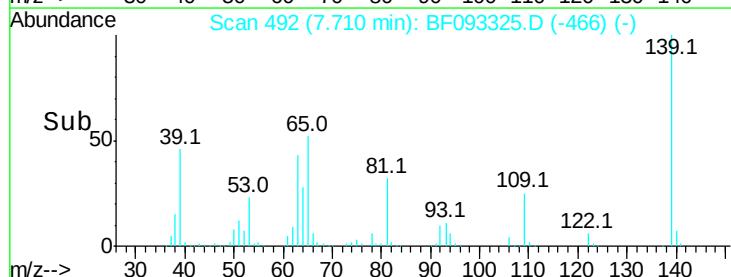
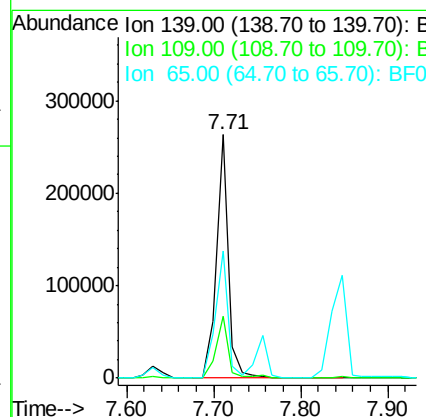
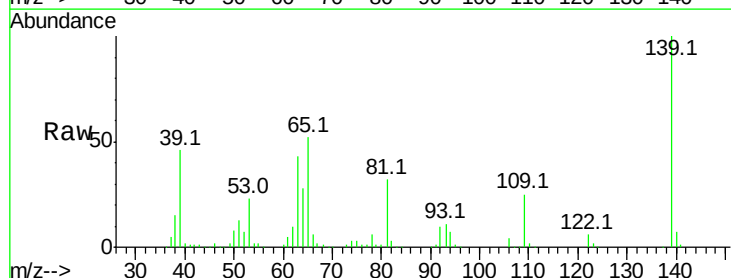
RT: 7.71 min Scan# 492

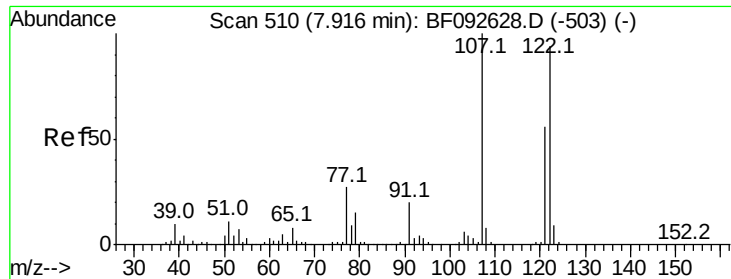
Delta R.T. -0.00 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Tgt Ion:	139	Resp:	254149
Ion Ratio	Lower	Upper	
139	100		
109	25.4	23.3	34.9
65	52.0	42.7	64.1





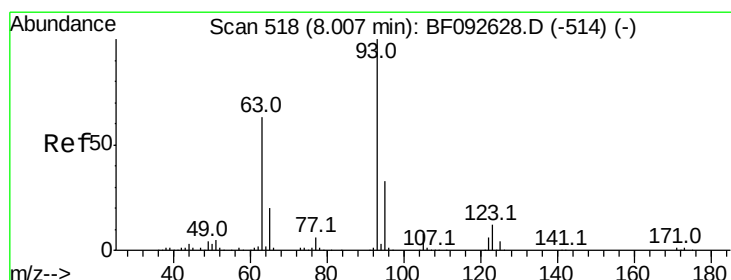
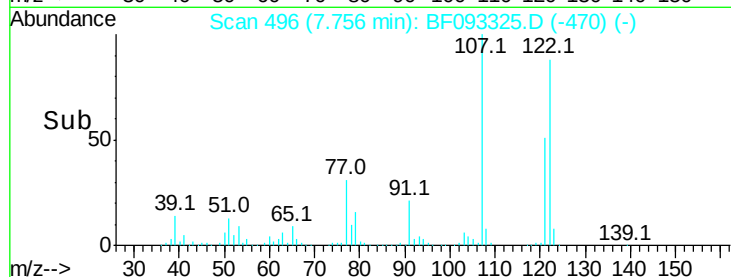
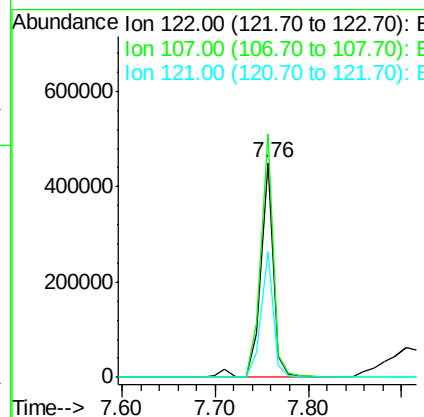
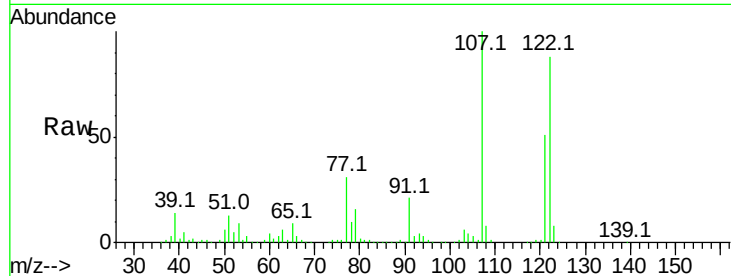
#27
2,4-Dimethylphenol
Concen: 47.28 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97286BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.5	94.1	141.1
121	58.4	46.0	69.0

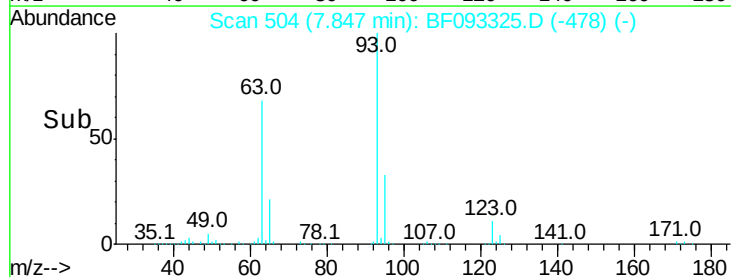
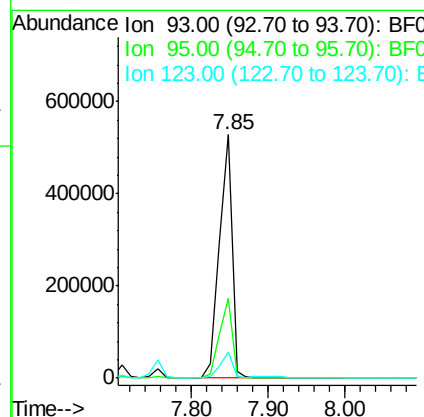
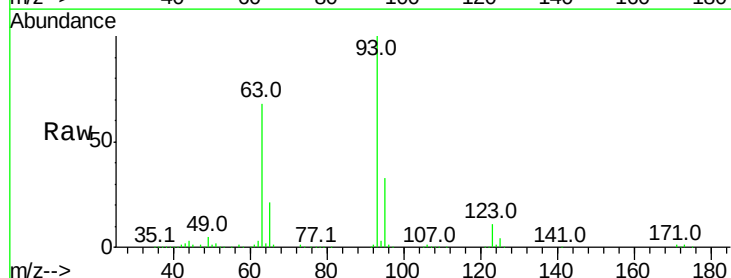
Manual Integrations
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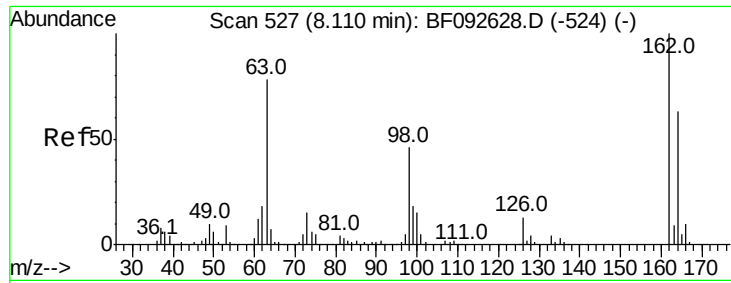
mohammad
3/3/2017 5:16:36 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.44 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	10.6	8.6	13.0





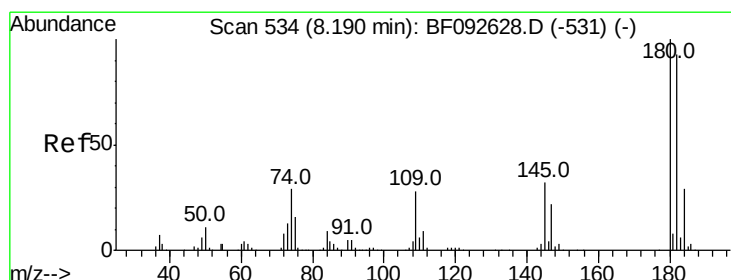
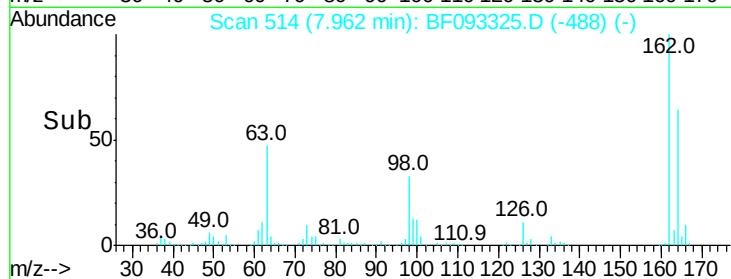
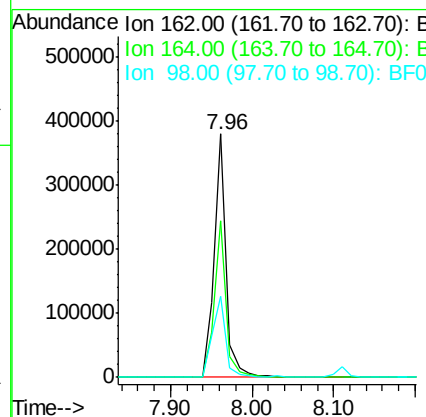
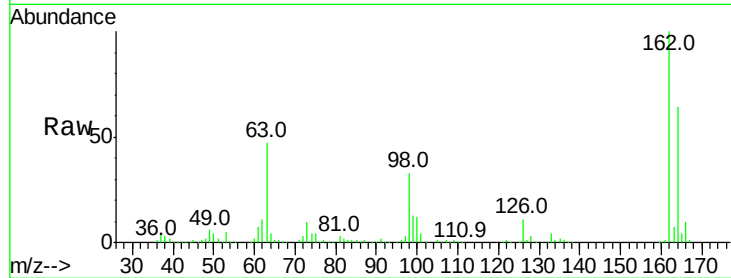
#29
 2,4-Dichlorophenol
 Concen: 46.74 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Instrument :
 BNA_F
 ClientSampleID :
 PB97286BS

Tot Ion:	162	Resp:	394705
Ion Ratio	Lower	Upper	
162	100		
164	64.2	46.8	86.8
98	33.4	9.1	49.1

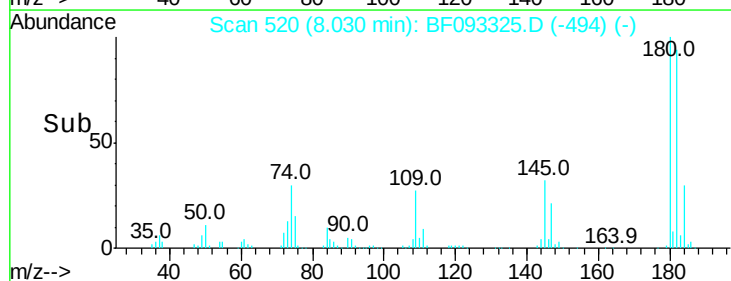
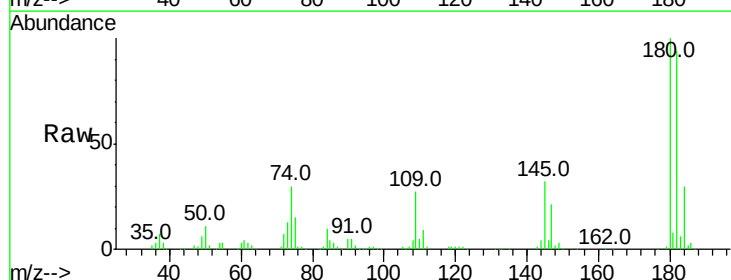
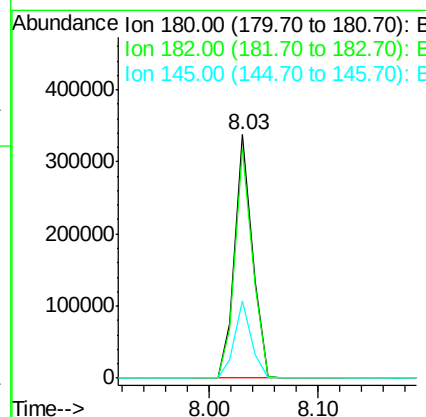
Manual Integrations
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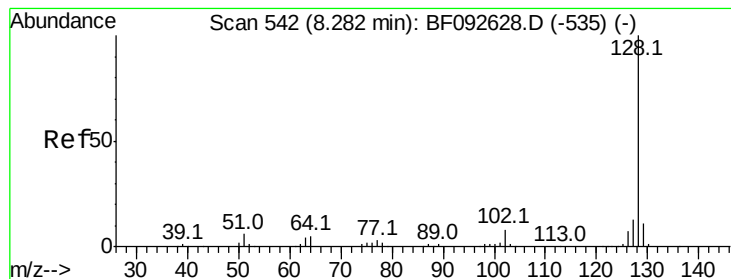
mohammad
 3/3/2017 5:16:36 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.67 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Tgt Ion:	180	Resp:	379246
Ion Ratio	Lower	Upper	
180	100		
182	94.3	78.2	117.4
145	31.9	21.6	32.4





#31

Naphthalene

Concen: 40.55 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97286BS

Tot Ion:128 Resp: 1209094

Ion Ratio Lower Upper

128 100

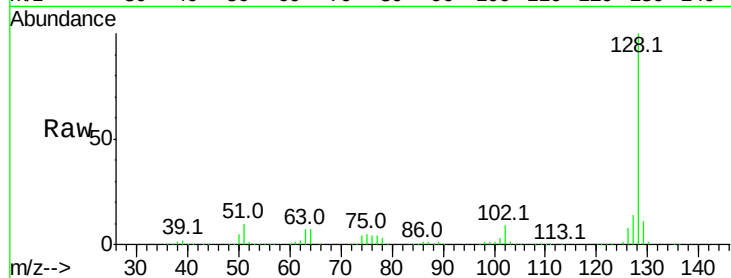
129 11.3 9.5 14.3

127 13.7 10.8 16.2

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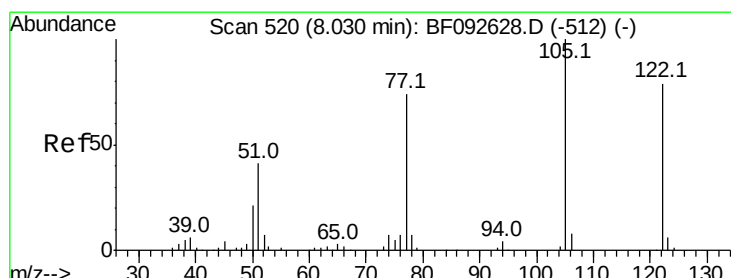
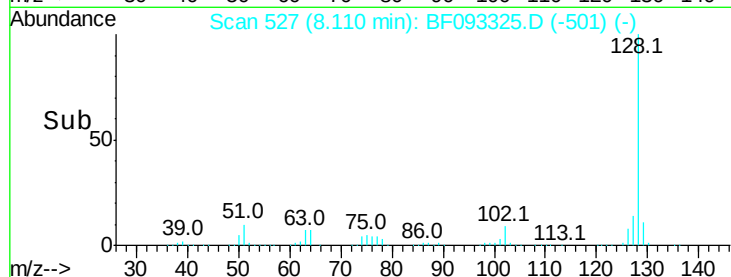
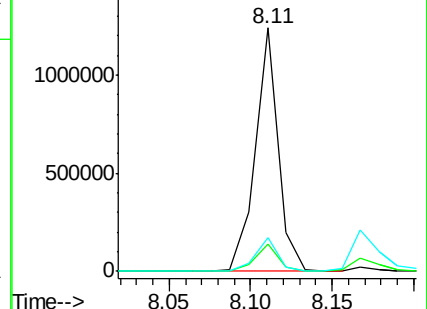
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.56 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

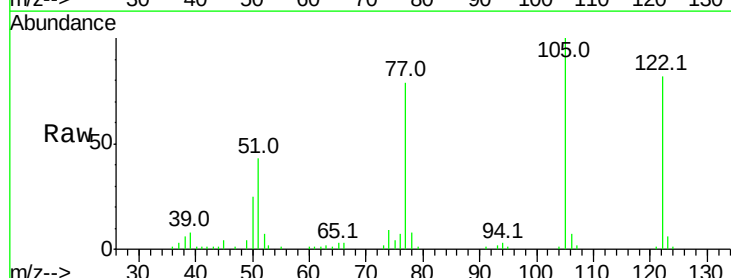
Tgt Ion:122 Resp: 171258

Ion Ratio Lower Upper

122 100

105 121.8 107.2 147.2

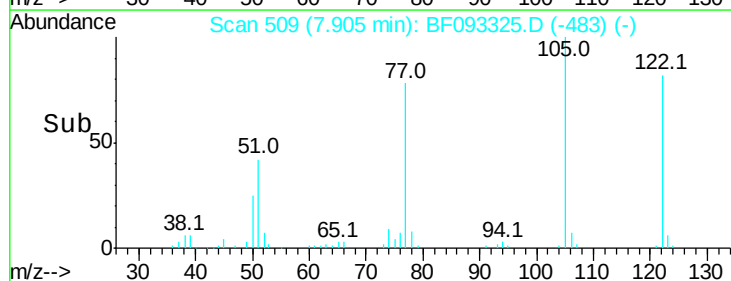
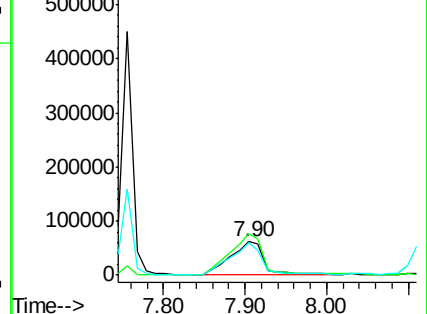
77 96.4 74.5 114.5

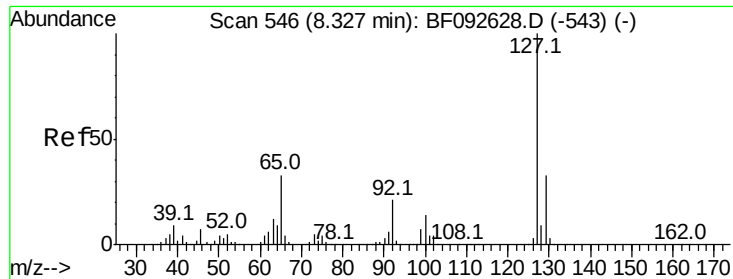


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





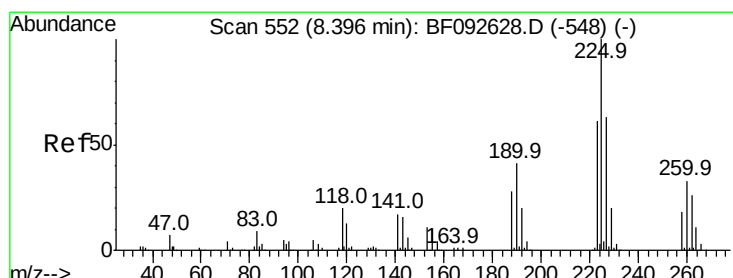
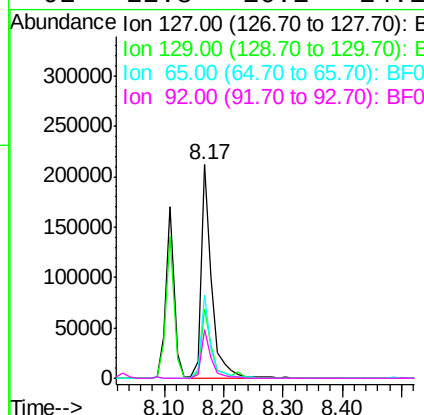
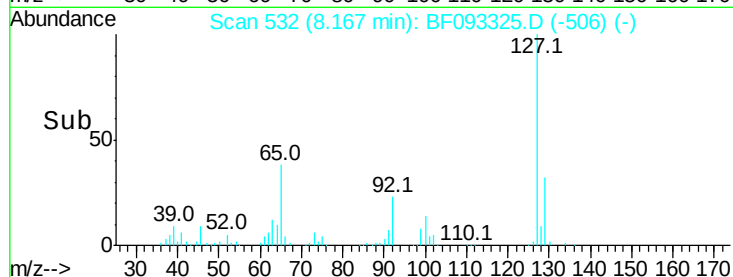
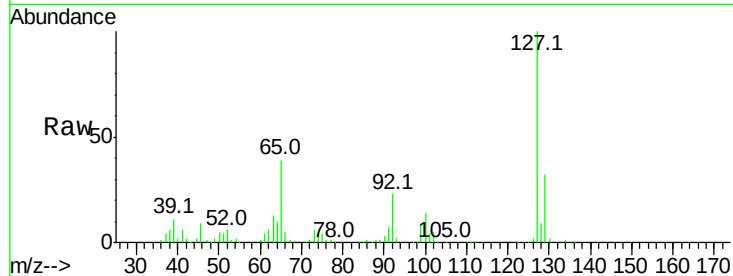
#33
4-Chloroaniline
Concen: 22.80 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97286BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.3	39.5		
65	38.7	25.8	38.8		
92	22.8	16.1	24.1		

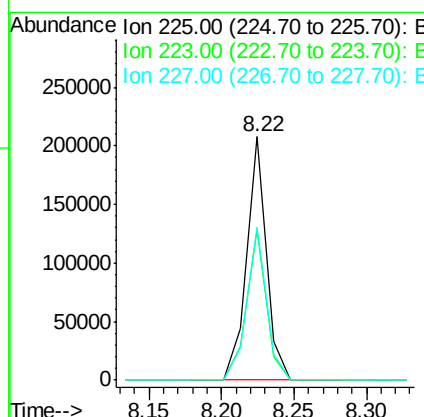
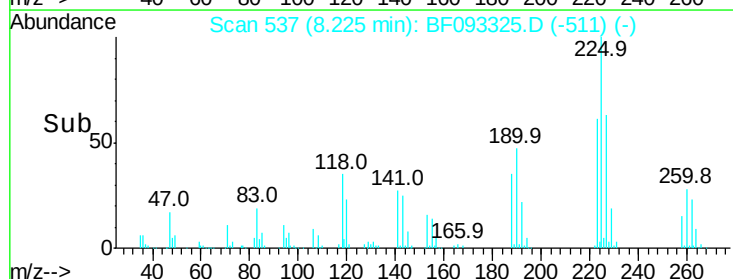
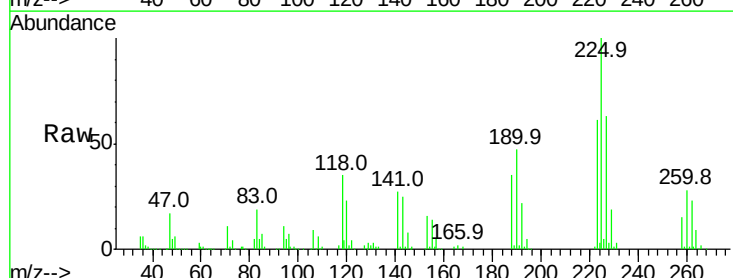
Manual Integrations
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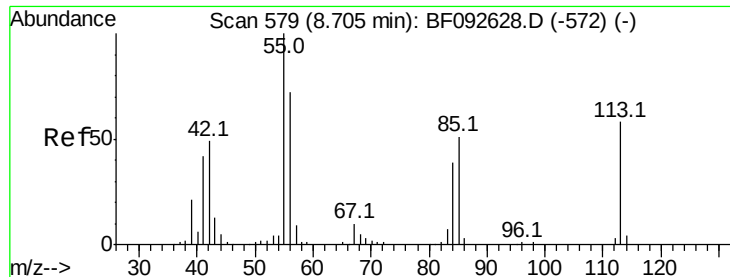
mohammad
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#34
Hexachlorobutadiene
Concen: 39.31 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.4	51.0	76.6		
227	62.6	50.6	76.0		





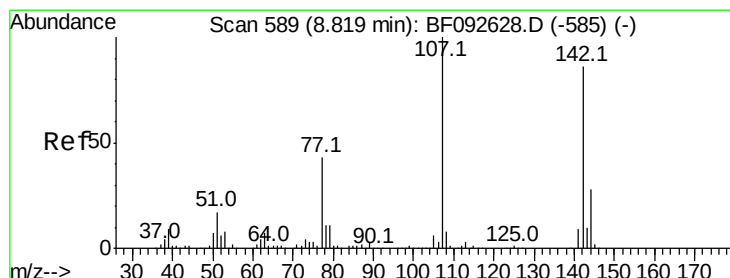
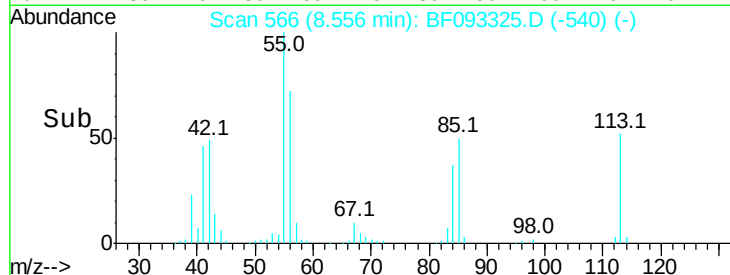
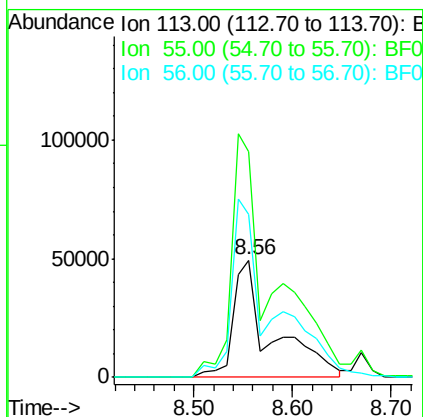
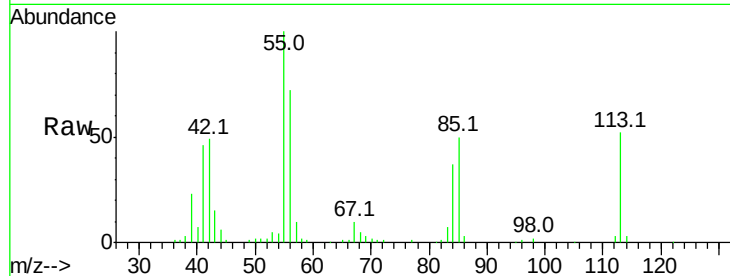
#35
Caprolactam
Concen: 50.31 ng/ml
RT: 8.56 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Instrument :
BNA_F
ClientSampled :
PB97286BS

Tot Ion:113 Resp: 133629
Ion Ratio Lower Upper
113 100
55 192.4 119.2 159.2#
56 139.2 83.8 123.8#

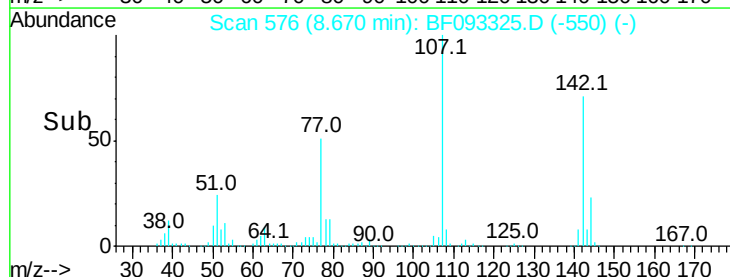
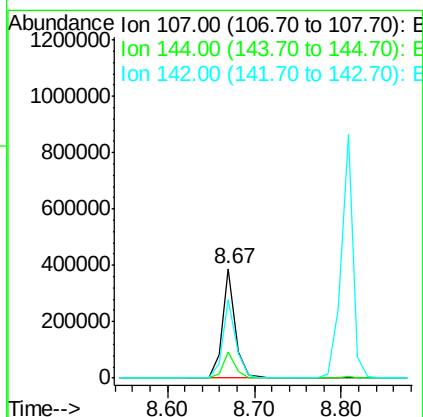
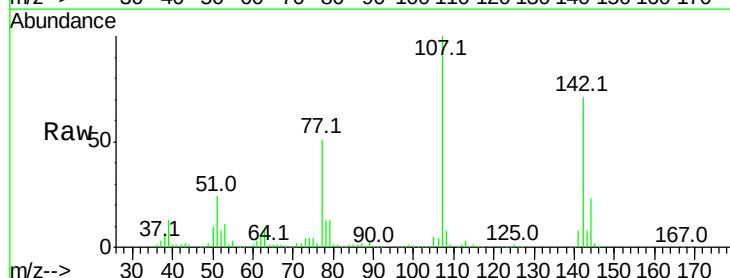
Manual Integrations
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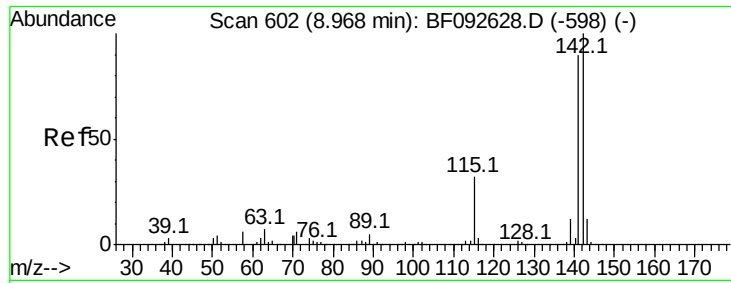
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 45.72 ng/ml
RT: 8.67 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion:107 Resp: 402577
Ion Ratio Lower Upper
107 100
144 23.5 19.3 28.9
142 71.4 59.0 88.6





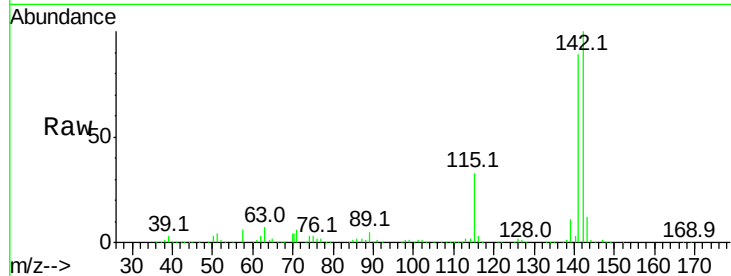
#37
 2-Methylnaphthalene
 Concen: 43.29 ng
 RT: 8.81 min Scan# 588
 Delta R.T. -0.00 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Instrument :
 BNA_F
 ClientSampled :
 PB97286BS

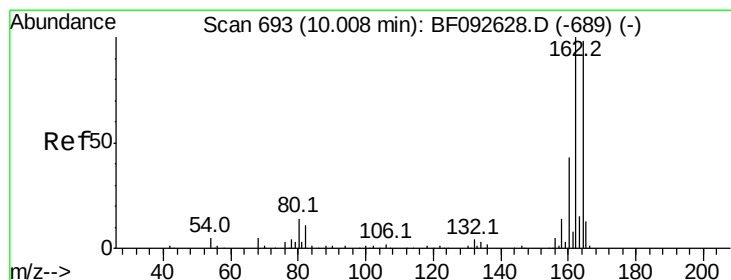
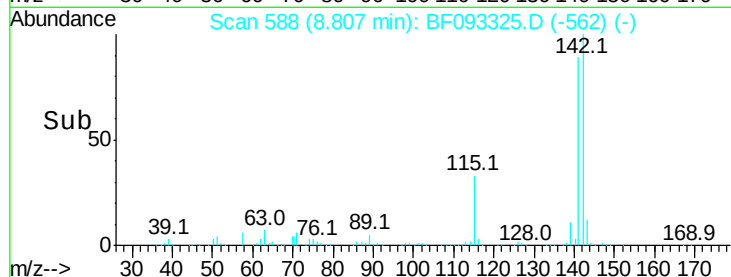
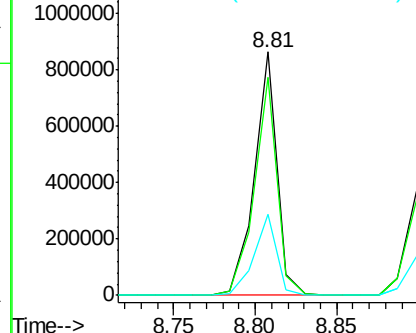
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.0	106.6
115	33.3	28.3	42.5

Manual Integrations
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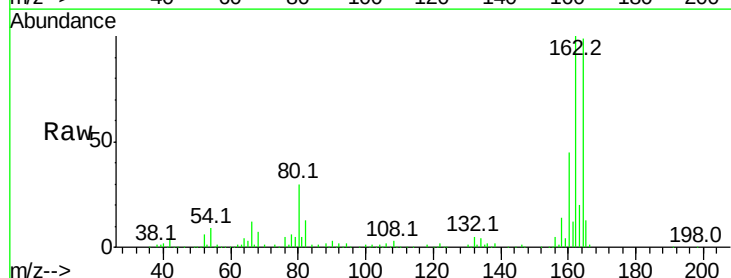


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

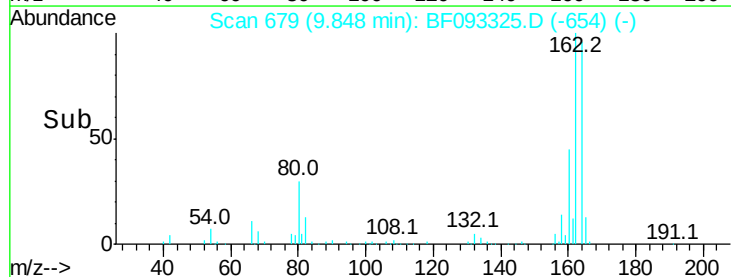
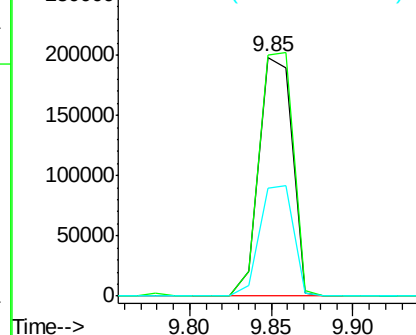


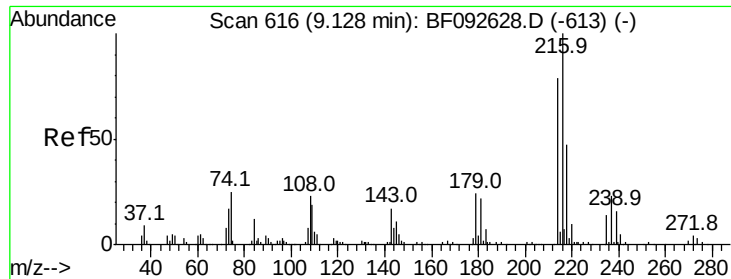
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.2	120.2
160	45.3	36.9	55.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





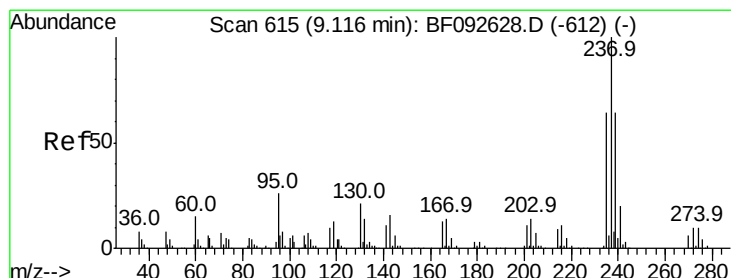
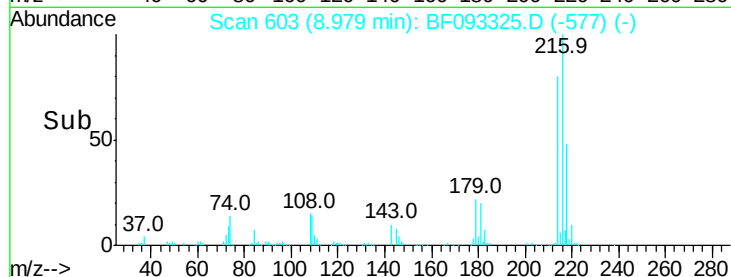
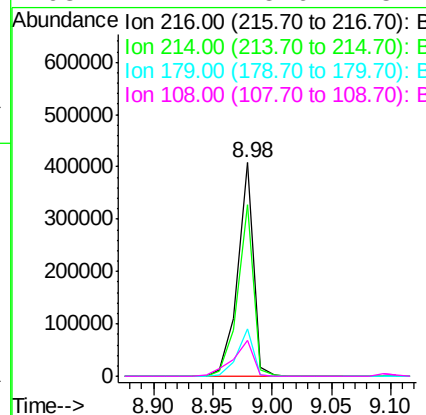
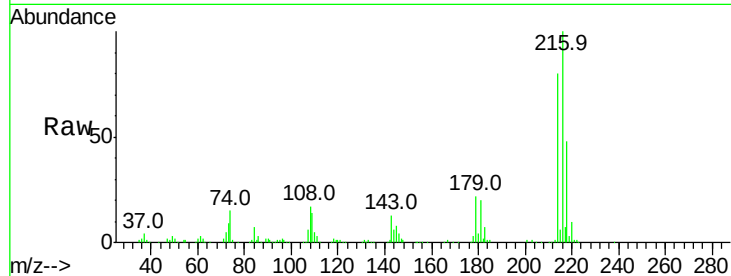
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.59 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	377810		
214	80.2		63.4	95.0
179	22.3		17.4	26.2
108	22.2		15.6	23.4

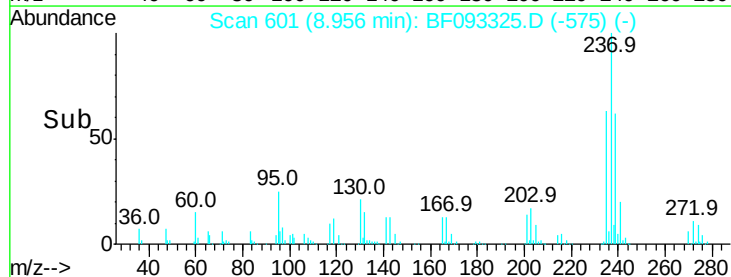
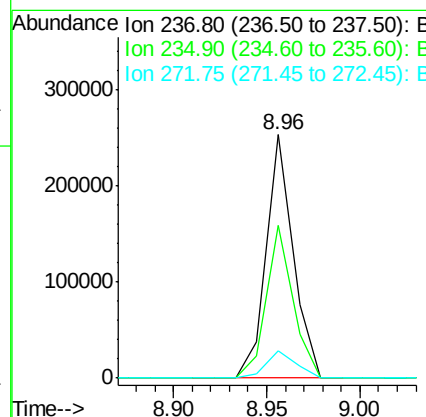
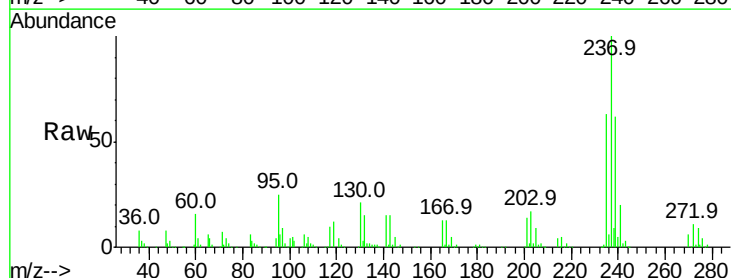
Manual Integrations
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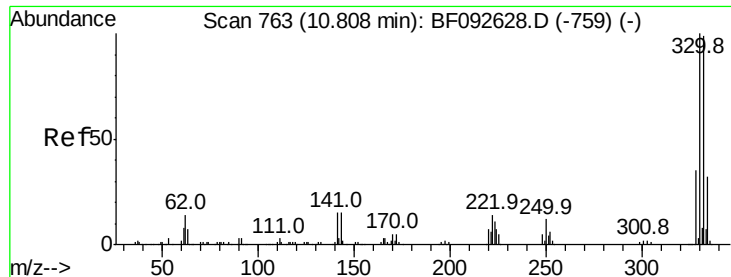
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 70.57 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	252769		
235	62.7		41.2	81.2
272	11.4		0.0	35.4





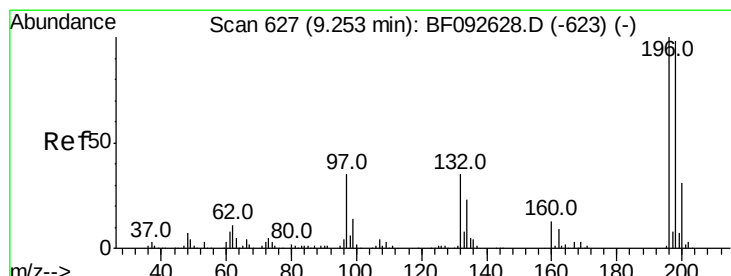
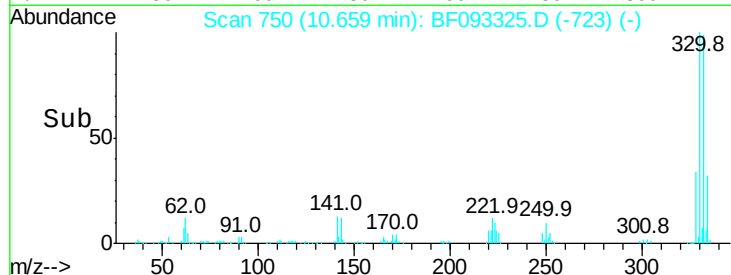
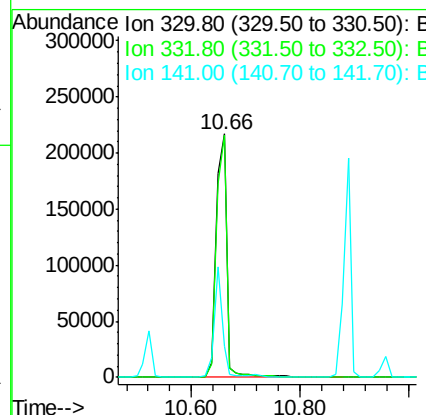
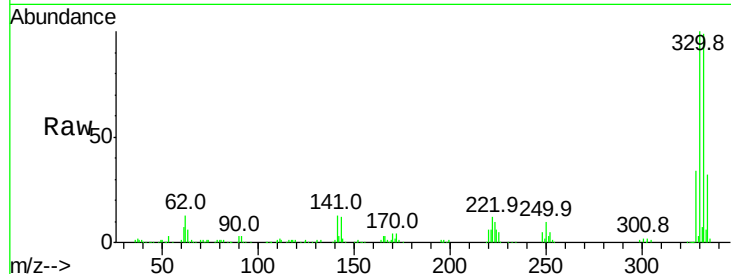
#41
 2,4,6-Tribromophenol
 Concen: 148.90 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.01 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Instrument :
 BNA_F
 ClientSampled :
 PB97286BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	77.4	116.2	
141	34.2	34.1	51.1	

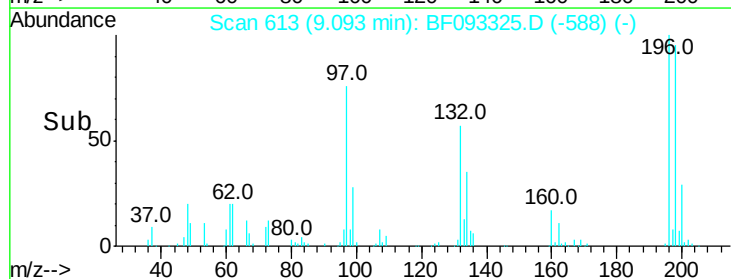
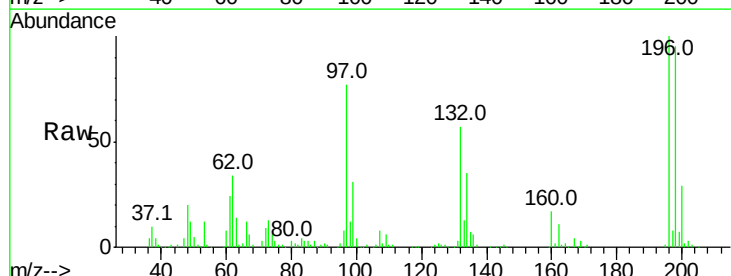
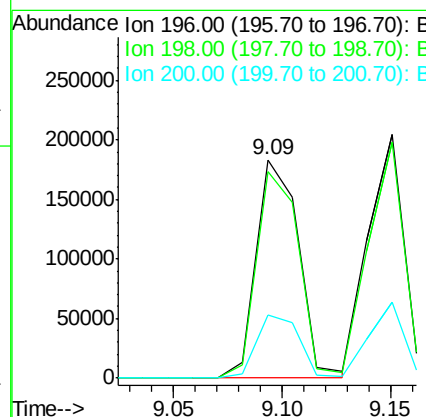
Manual Integrations
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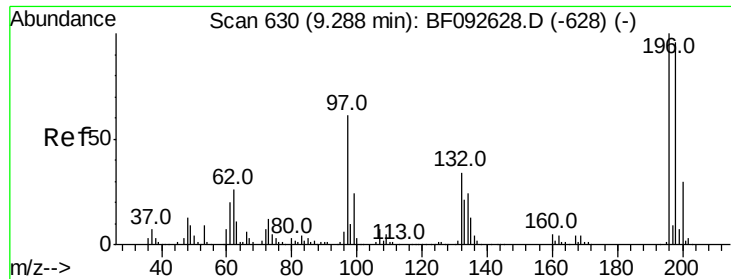
mohammad
 3/3/2017 5:16:36 PM



#42
 2,4,6-Trichlorophenol
 Concen: 47.58 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.6	82.1	123.1	
200	28.7	27.0	40.4	





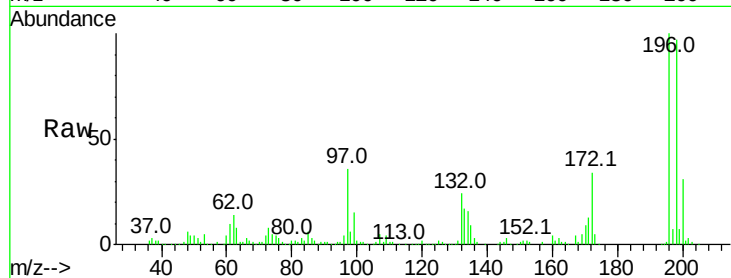
#43
 2,4,5-Trichlorophenol
 Concen: 42.32 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	241888		
198	96.7	79.4	119.2	
97	36.1	51.5	77.3	
132	24.5	27.4	41.2	

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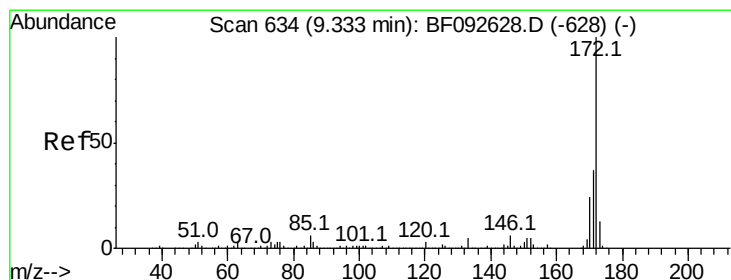
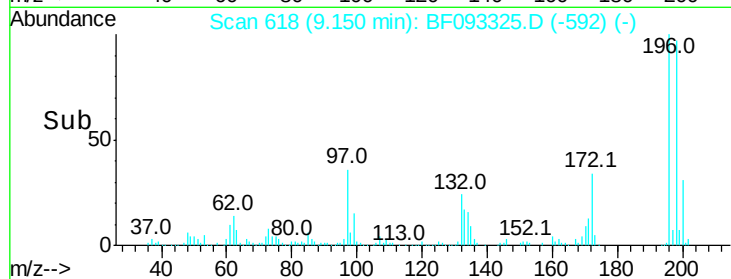
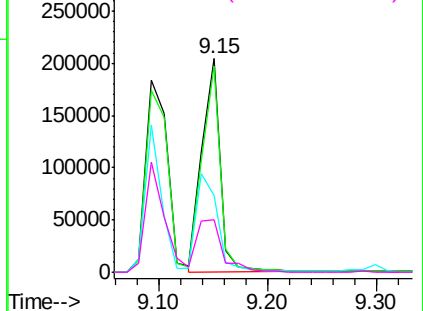
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.13 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

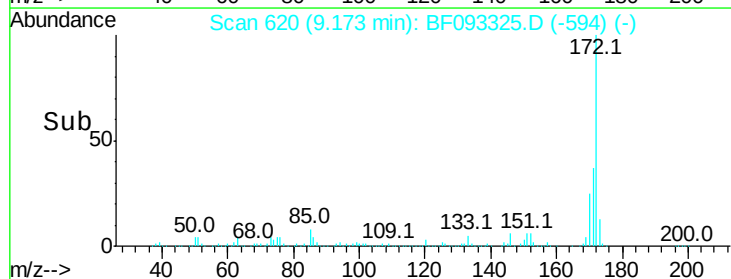
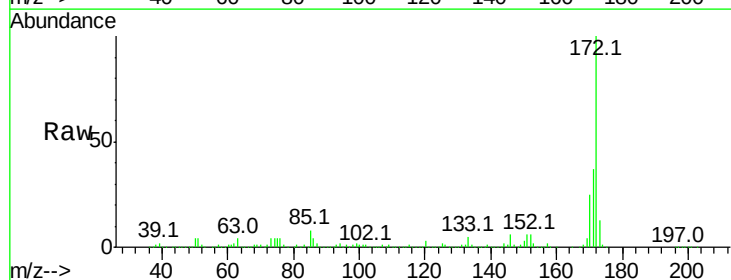
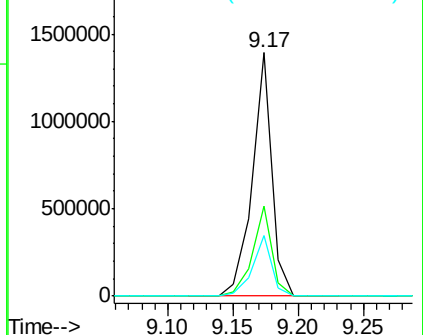
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1453777		
171	37.1	29.4	44.0	
170	24.7	20.2	30.4	

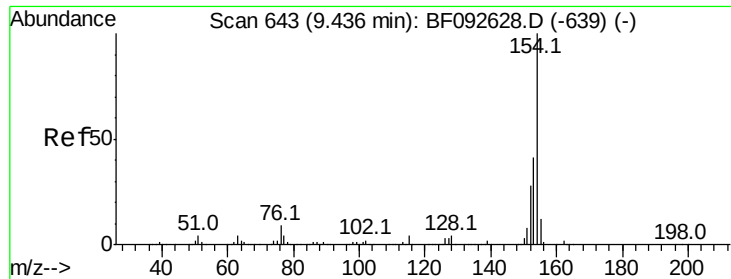
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





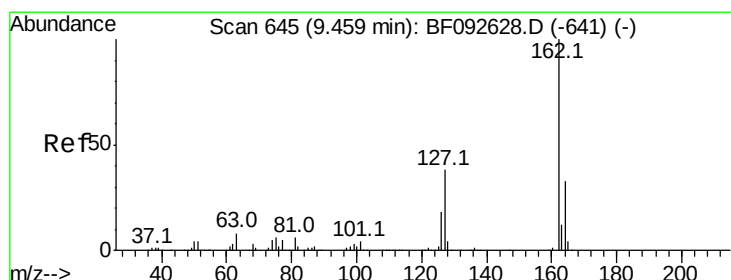
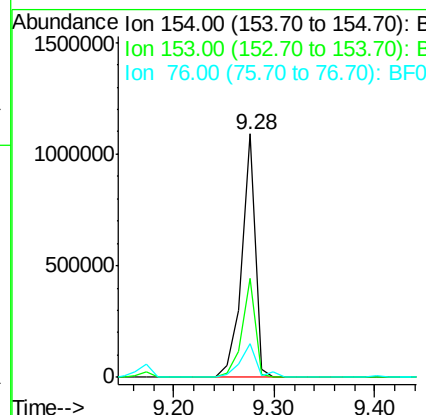
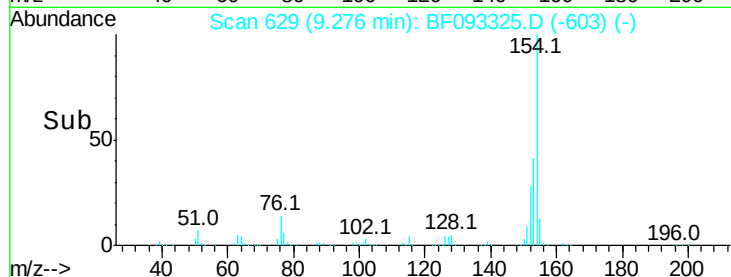
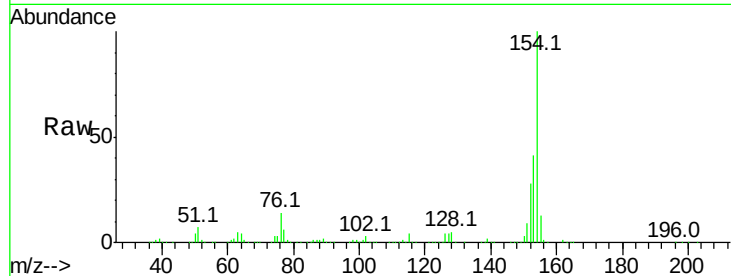
#45
 1,1'-Biphenyl
 Concen: 49.51 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Instrument :
 BNA_F
 ClientSampled :
 PB97286BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.9	60.9
76	13.8	0.0	30.5

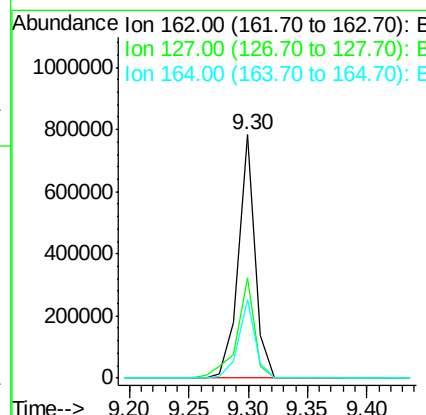
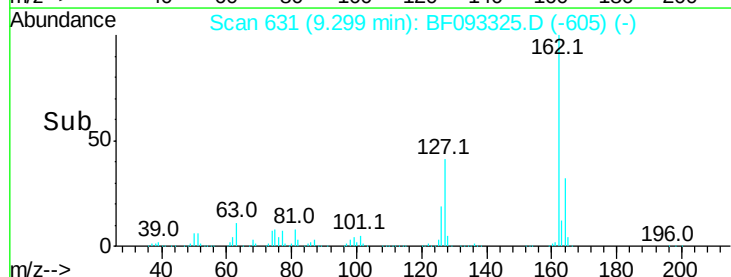
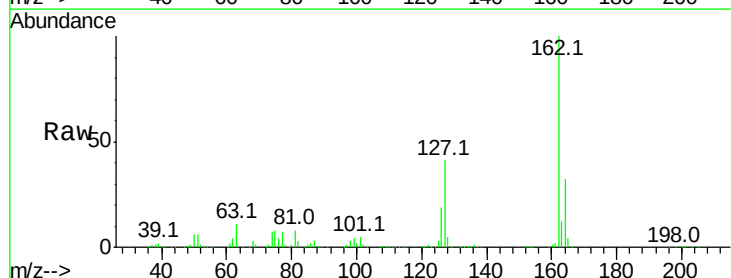
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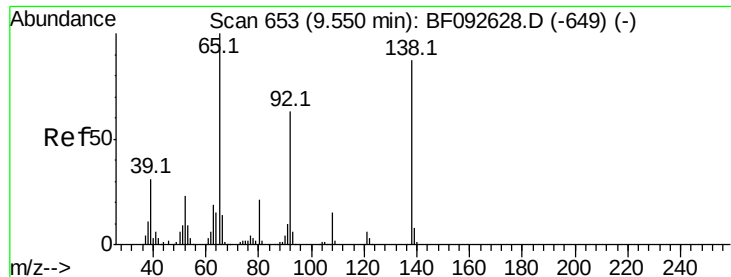
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#46
 2-Chloronaphthalene
 Concen: 47.89 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	30.7	46.1
164	32.4	27.6	41.4





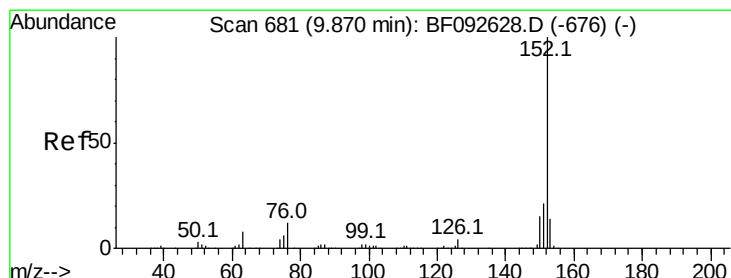
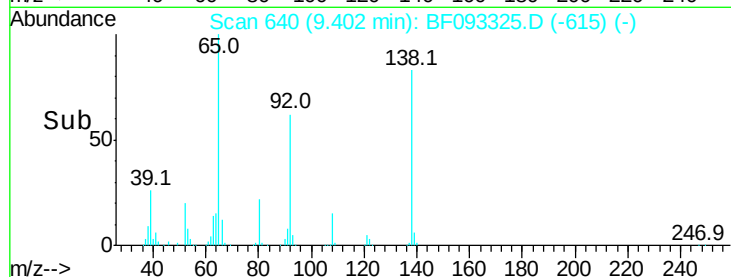
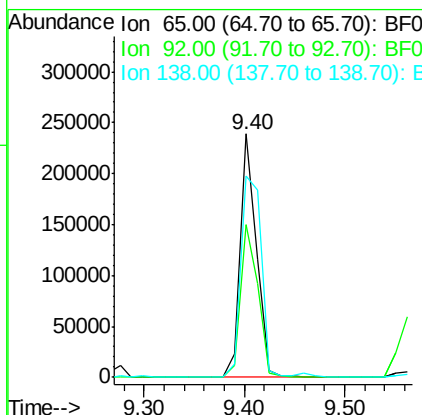
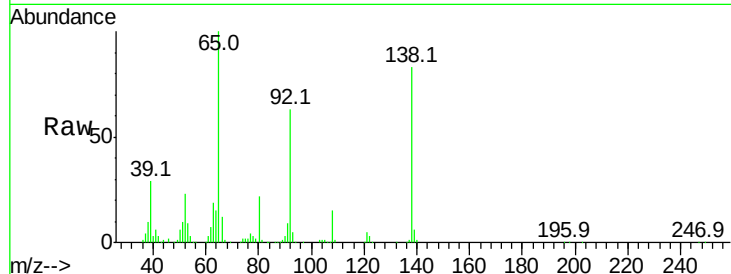
#47
2-Nitroaniline
Concen: 49.69 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97286BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.7	53.9	80.9
138	82.9	76.8	115.2

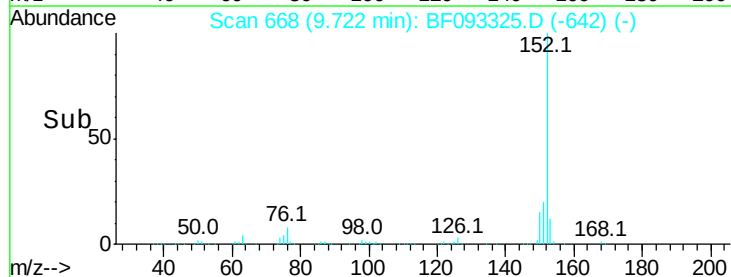
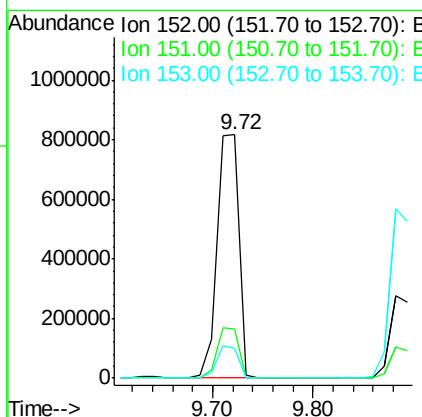
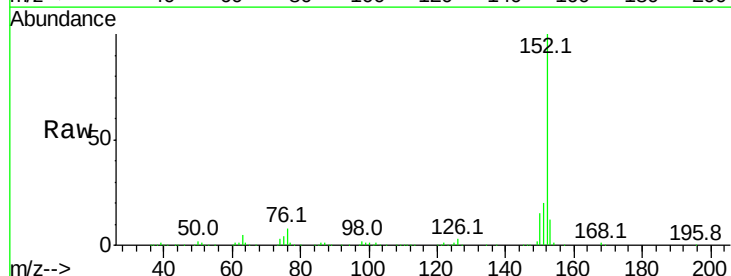
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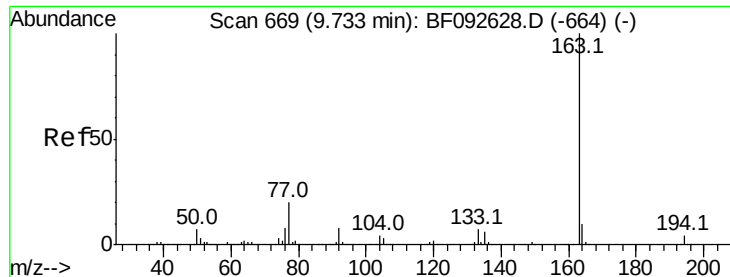
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#48
Acenaphthylene
Concen: 44.28 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	12.4	11.4	17.2





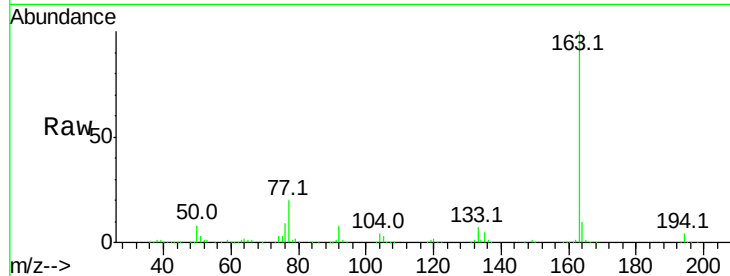
#49
Dimethylphthalate
Concen: 50.60 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97286BS

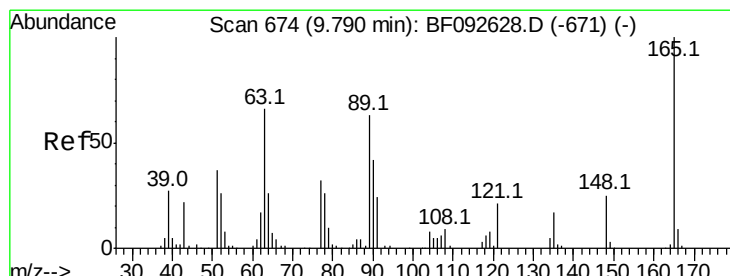
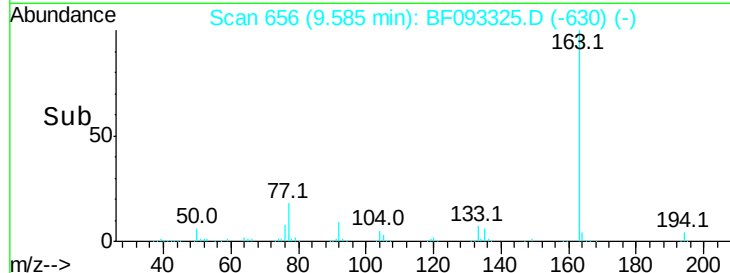
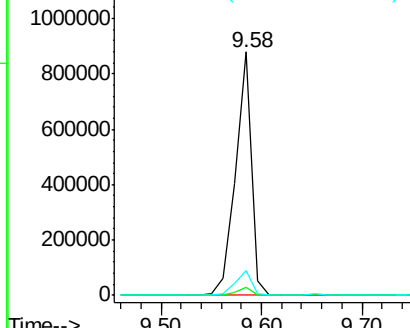
Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	3.0	4.4
164	10.2	8.0	12.0

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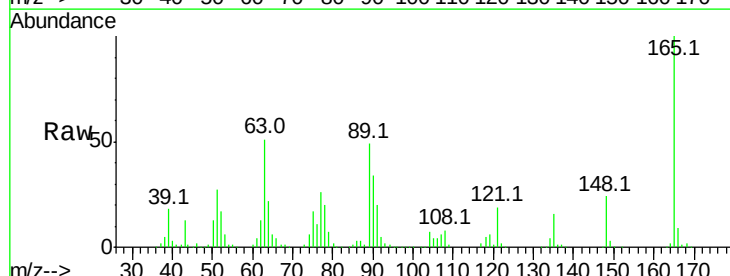


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

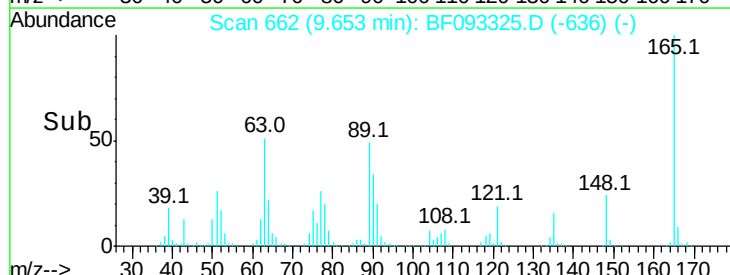
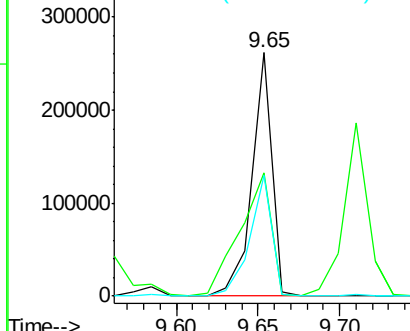


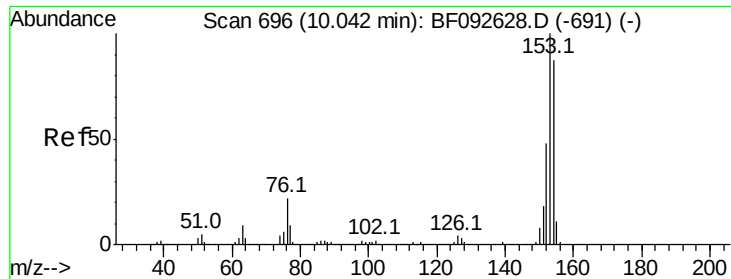
#50
2,6-Dinitrotoluene
Concen: 54.11 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	50.8	36.2	54.4
89	49.4	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: 43.75 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

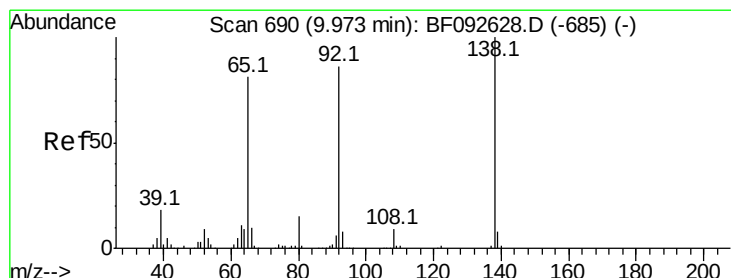
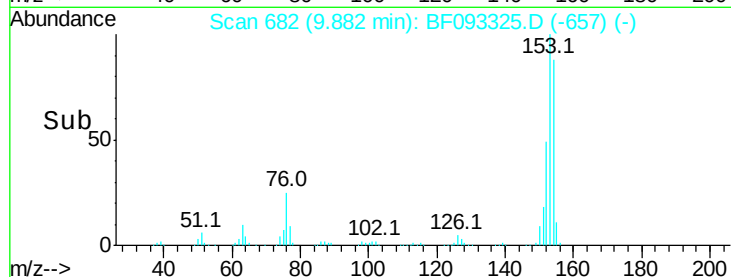
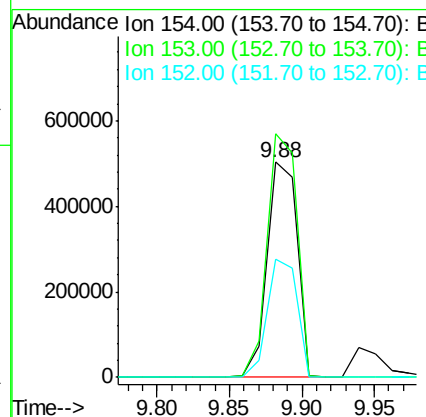
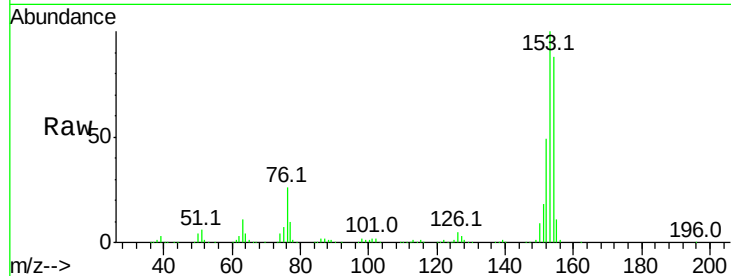
ClientSampleId :

PB97286BS

Tot Ion:	154	Resp:	723926
Ion Ratio	Lower	Upper	
154	100		
153	113.3	88.6	133.0
152	55.0	41.6	62.4

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#52

3-Nitroaniline

Concen: 33.59 ng

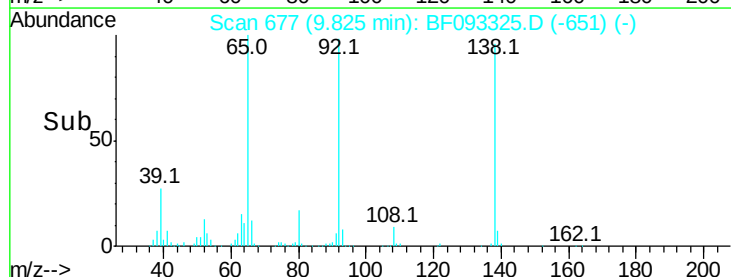
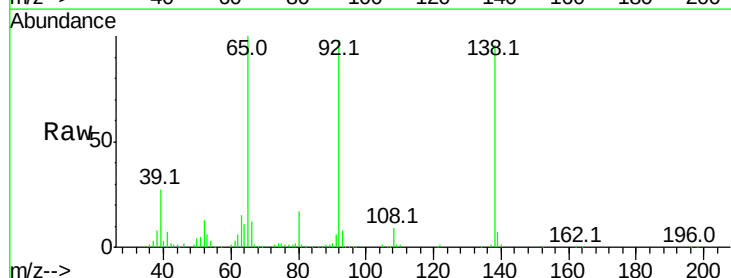
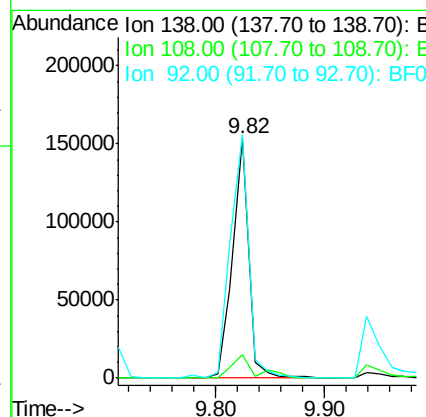
RT: 9.82 min Scan# 677

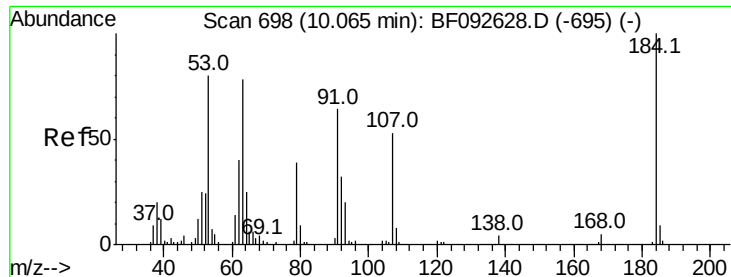
Delta R.T. -0.00 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Tgt Ion:	138	Resp:	158166
Ion Ratio	Lower	Upper	
138	100		
108	9.6	8.5	12.7
92	101.7	97.8	146.8





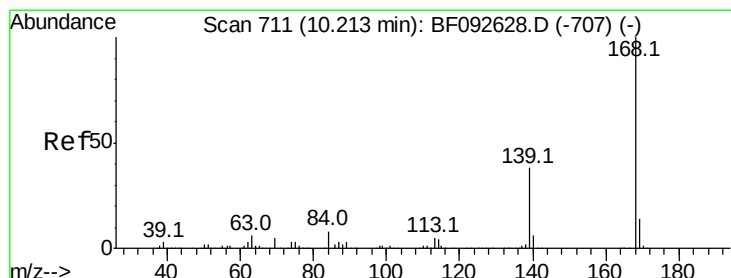
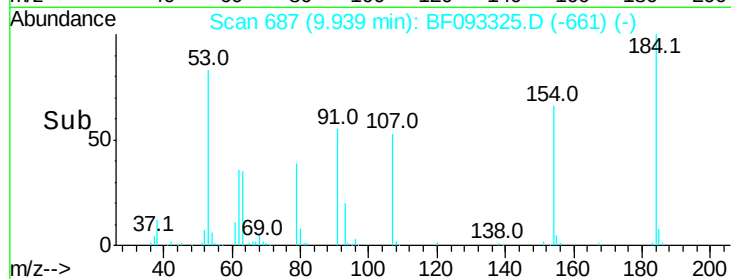
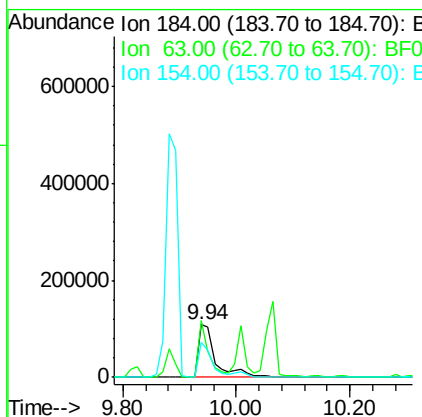
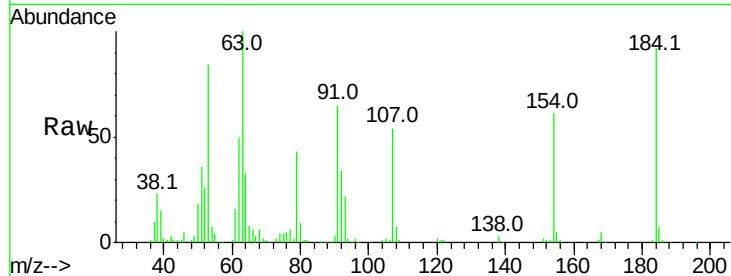
#53
2,4-Dinitrophenol
Concen: 106.85 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97286BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	227150		
63	108.5	28.4	42.6#	
154	65.9	44.3	66.5	

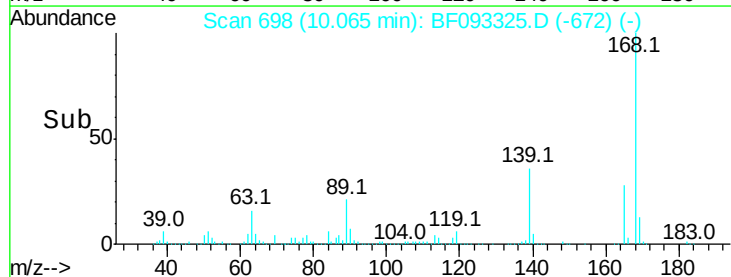
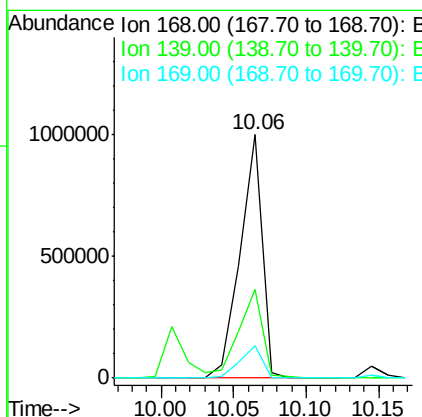
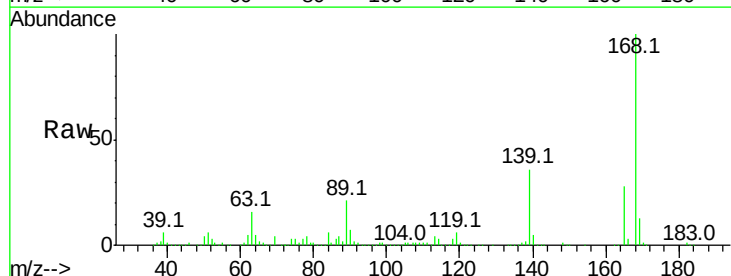
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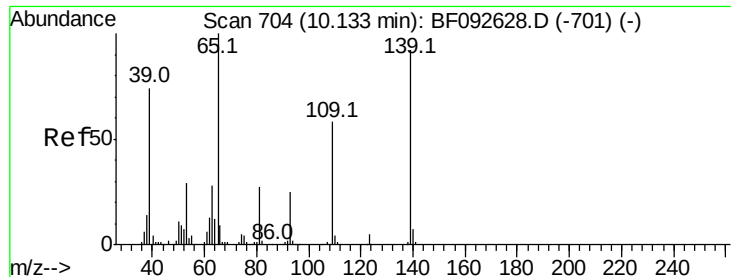
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#54
Dibenzofuran
Concen: 47.61 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1053726		
139	36.3	32.6	49.0	
169	13.3	11.3	16.9	





#55

4-Nitrophenol

Concen: 62.56 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

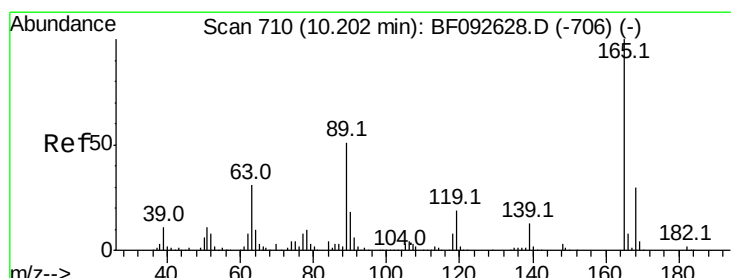
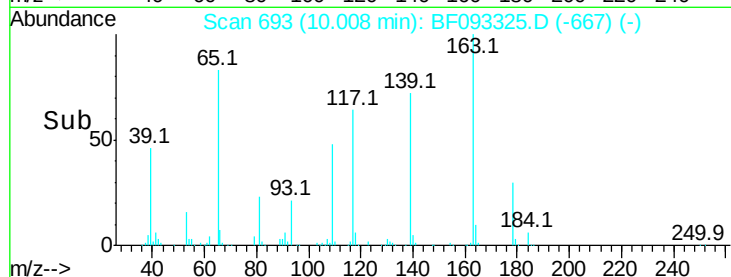
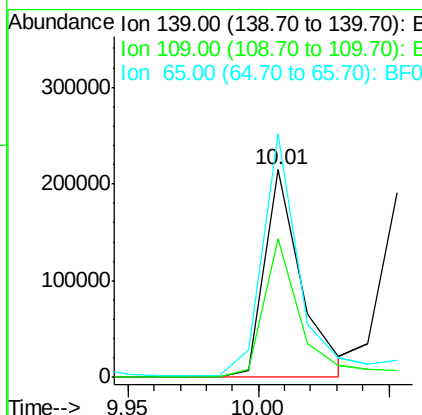
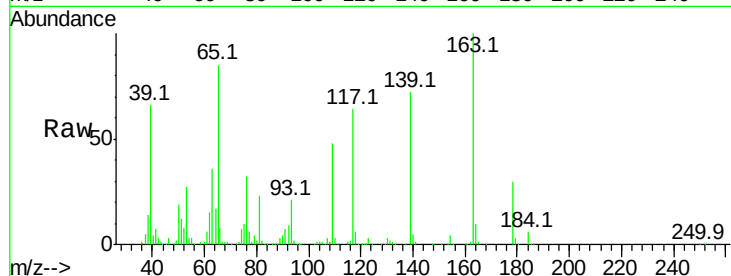
ClientSampleId :

PB97286BS

Tot Ion:	139	Resp:	212152
Ion Ratio	Lower	Upper	
139	100		
109	66.7	52.2	92.2
65	117.5	85.8	125.8

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#56

2,4-Dinitrotoluene

Concen: 46.72 ng

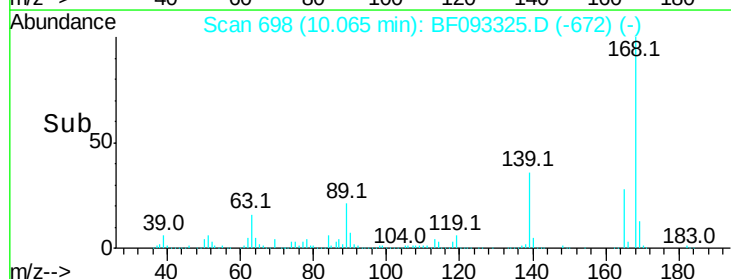
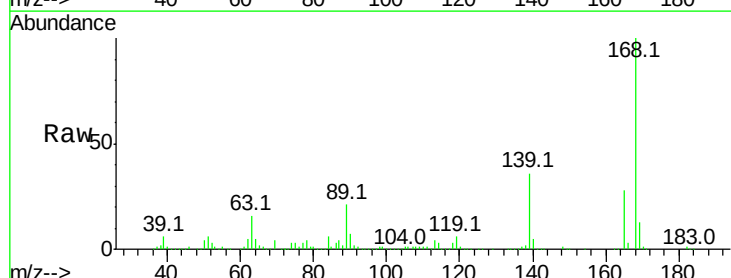
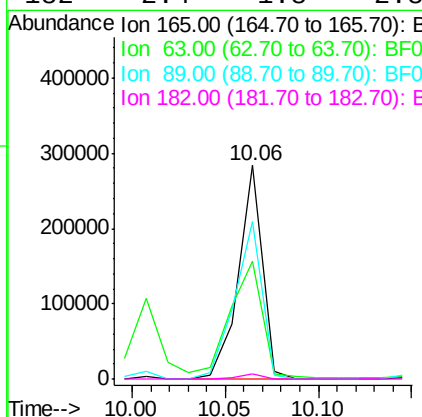
RT: 10.06 min Scan# 698

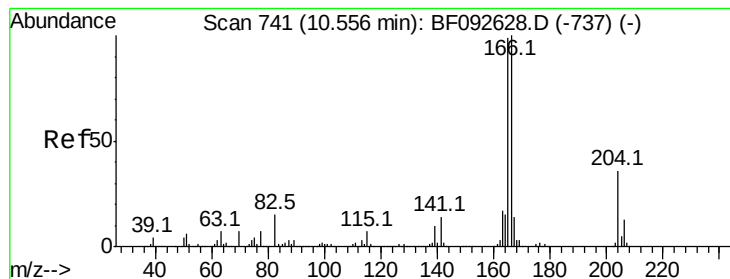
Delta R.T. -0.00 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Tgt Ion:	165	Resp:	255893
Ion Ratio	Lower	Upper	
165	100		
63	55.3	40.2	60.4
89	73.9	62.5	93.7
182	2.4	1.8	2.8





#57

Fluorene

Concen: 50.60 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

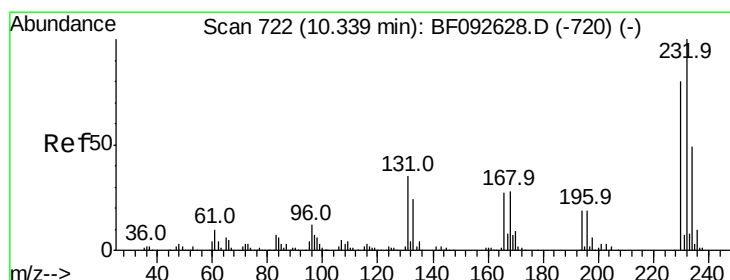
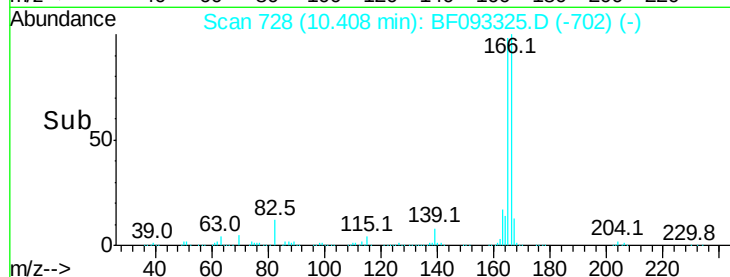
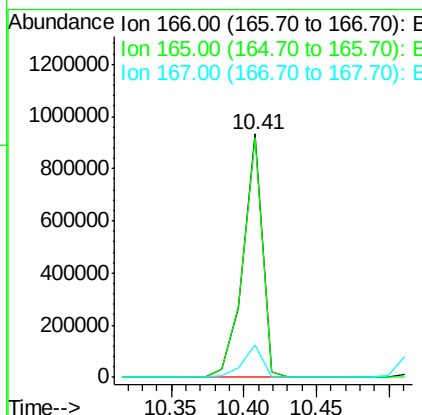
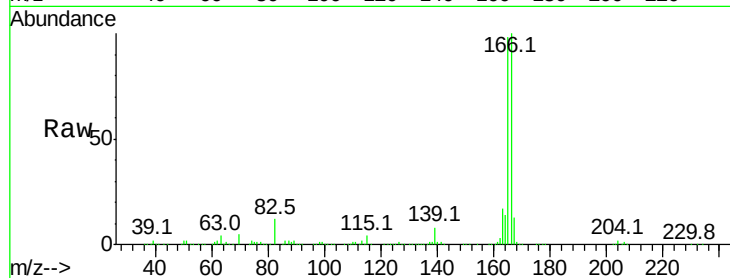
ClientSampleId :

PB97286BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.8	116.8
167	13.2	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 53.93 ng

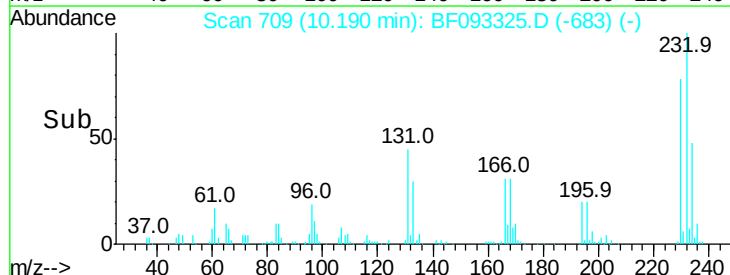
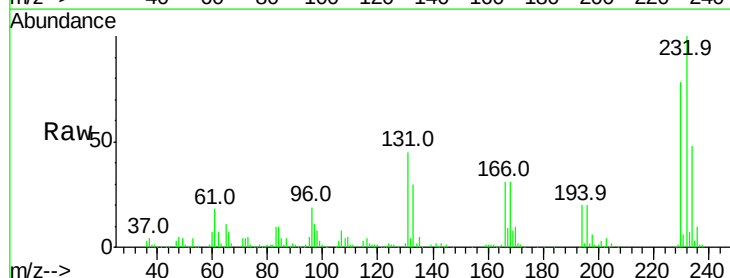
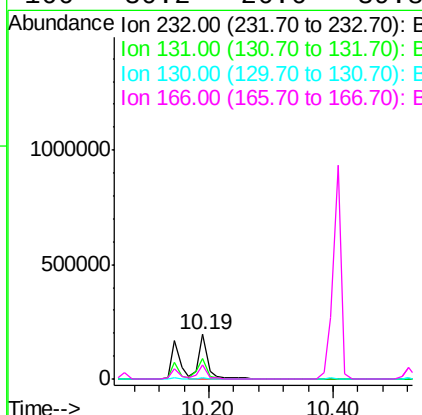
RT: 10.19 min Scan# 709

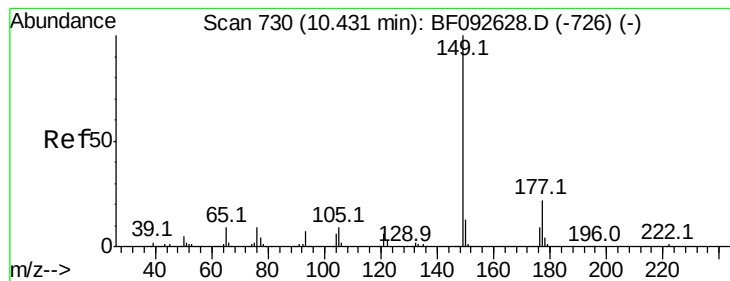
Delta R.T. -0.00 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.7	40.1	60.1
130	2.2	1.8	2.8
166	30.2	26.6	39.8





#59

Diethylphthalate

Concen: 46.77 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

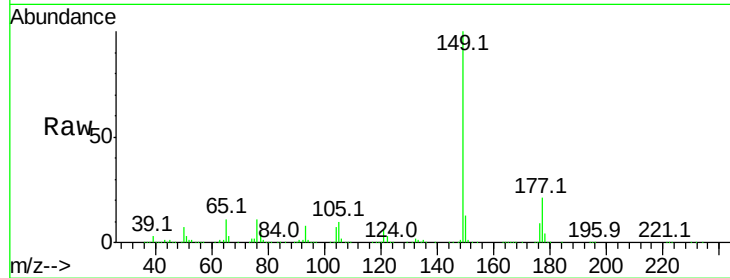
ClientSampleId :

PB97286BS

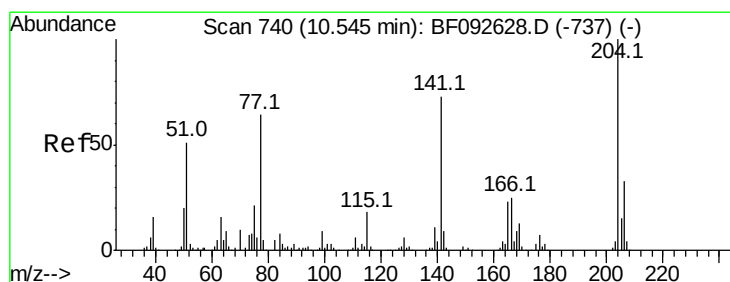
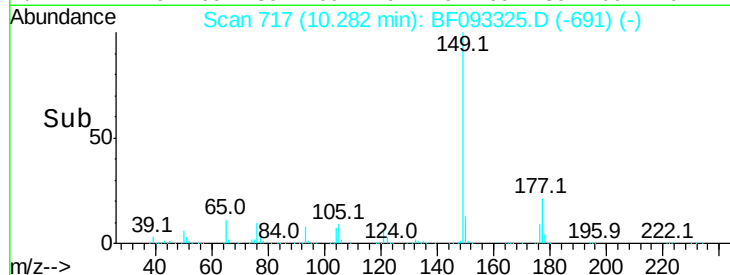
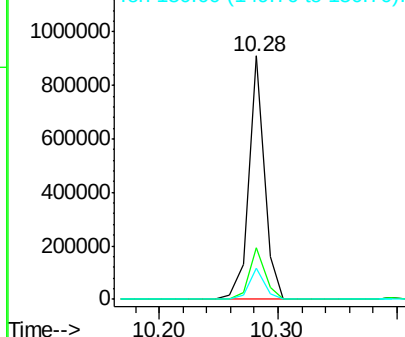
Tot Ion:	149	Resp:	839550
Ion Ratio	Lower	Upper	
149	100		
177	21.2	16.6	25.0
150	12.7	10.4	15.6

Manual Integrations
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mohammad
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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: 46.09 ng

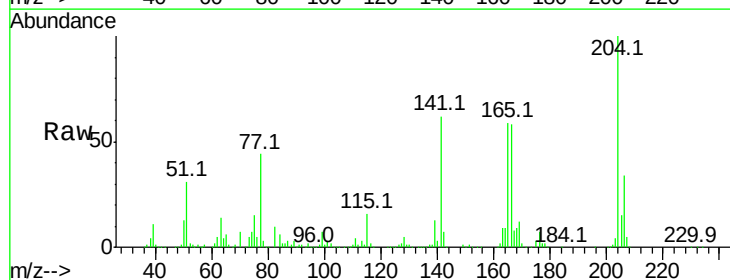
RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

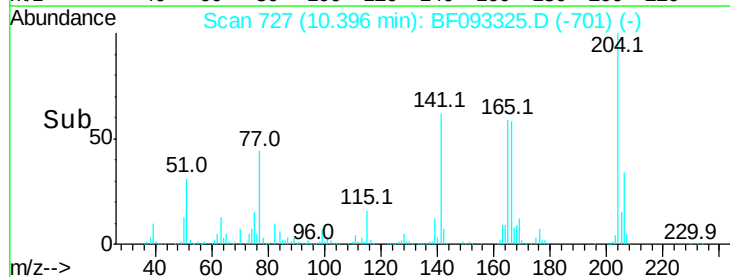
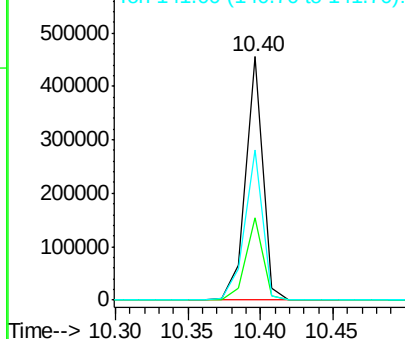
Lab File: BF093325.D

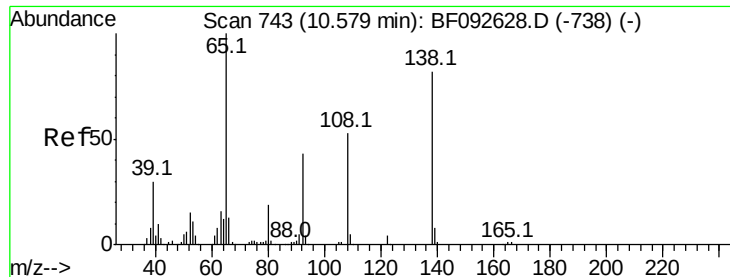
Acq: 2 Mar 2017 17:19

Tgt Ion:	204	Resp:	377035
Ion Ratio	Lower	Upper	
204	100		
206	34.0	25.8	38.6
141	61.5	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





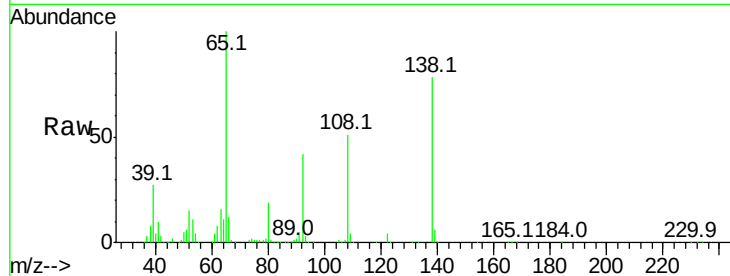
#61
4-Nitroaniline
Concen: 46.48 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97286BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.2	31.7	71.7
108	65.7	52.6	92.6

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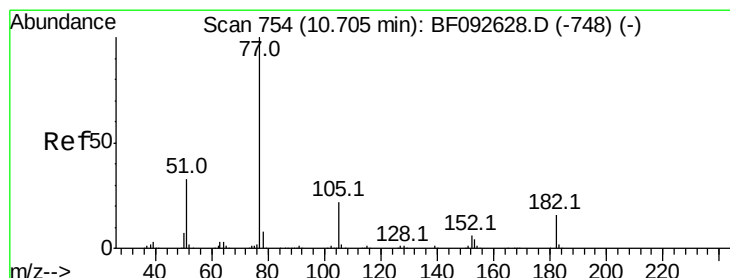
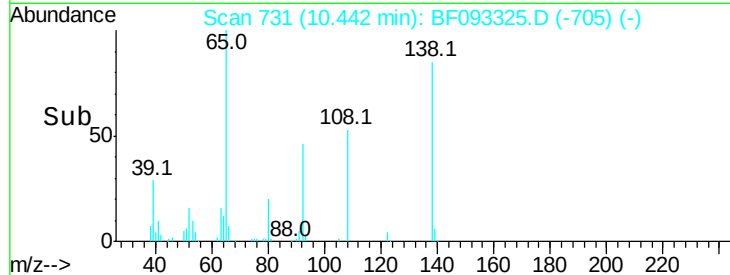
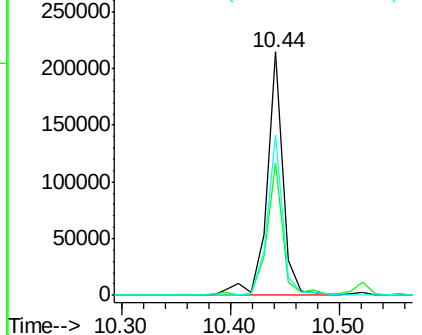


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 56.05 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.4	0.0	39.3
105	22.9	2.3	42.3
51	31.9	8.9	48.9

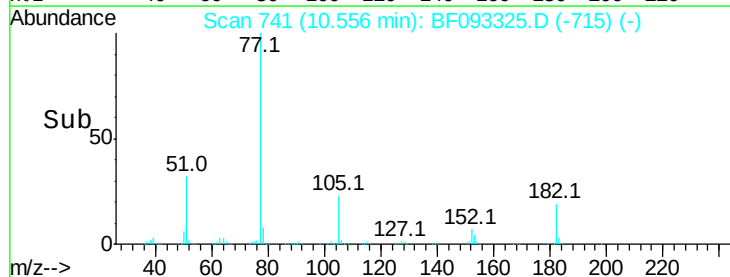
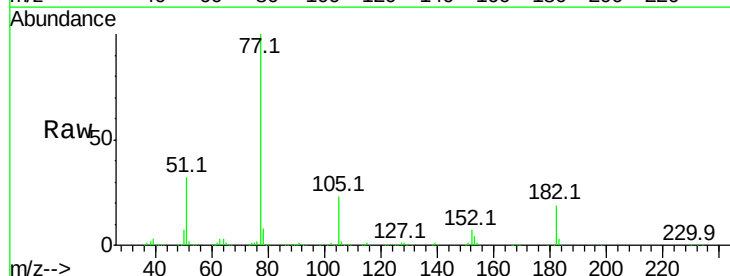
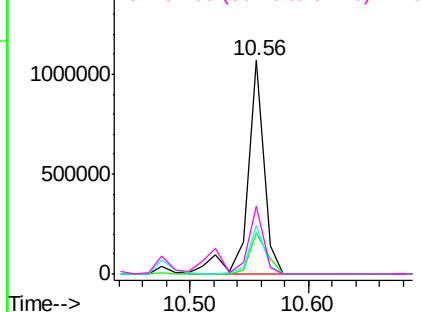
Abundance

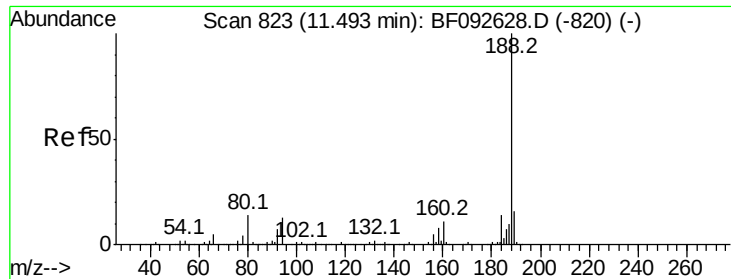
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

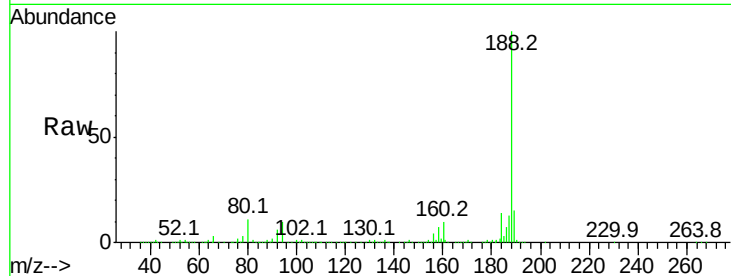
ClientSampleId :

PB97286BS

Tot Ion:	188	Resp:	512128
Ion Ratio	Lower	Upper	
188	100		
94	10.5	10.0	15.0
80	10.7	11.2	16.8#

Manual Integrations
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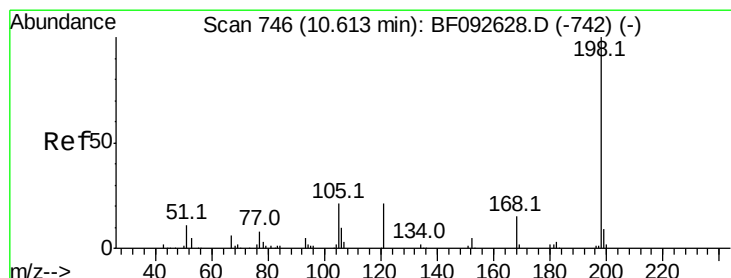
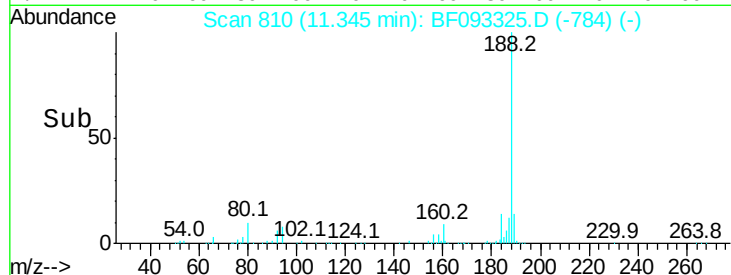
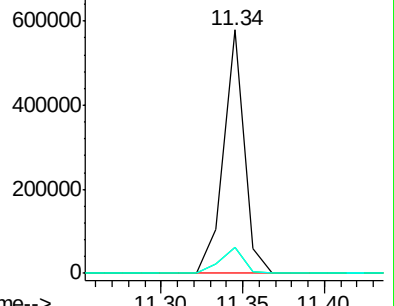
mohammad
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 46.76 ng

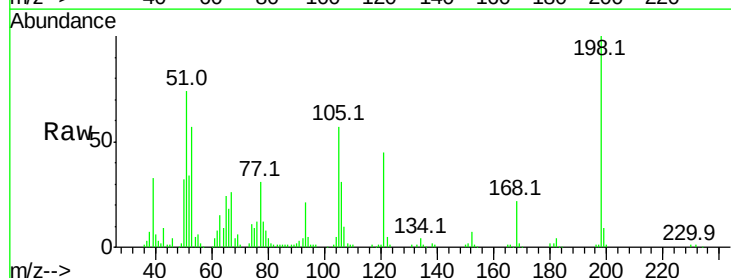
RT: 10.48 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

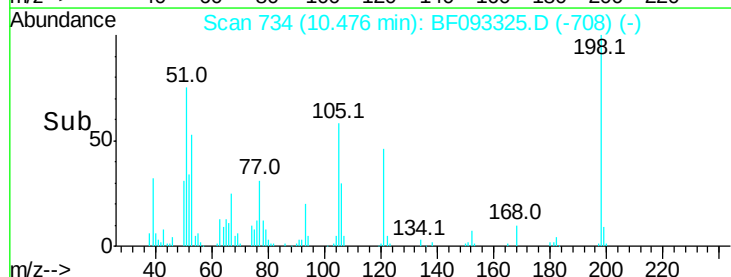
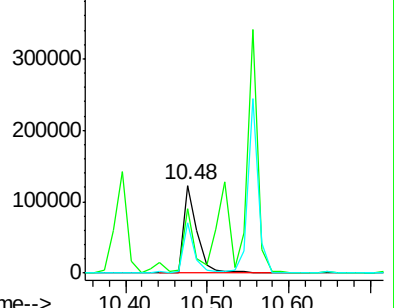
Tgt Ion:	198	Resp:	145519
Ion Ratio	Lower	Upper	
198	100		
51	73.9	6.7	46.7#
105	57.3	16.6	56.6#

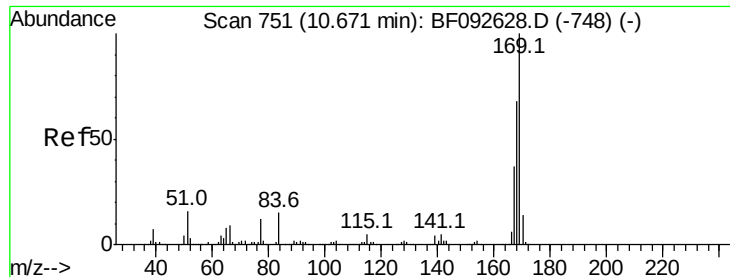


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





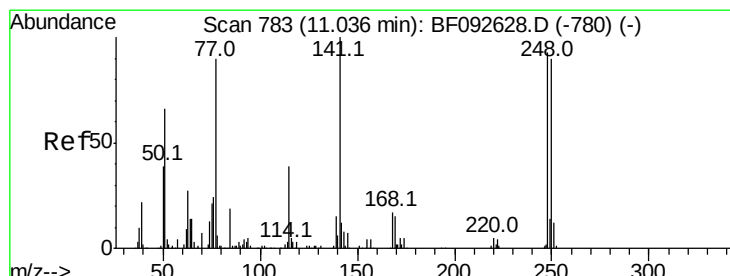
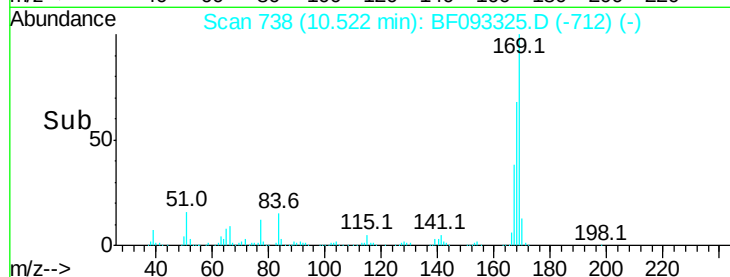
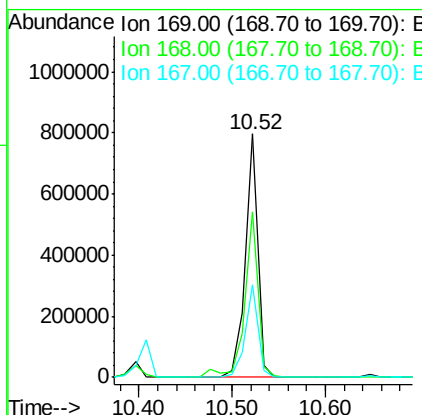
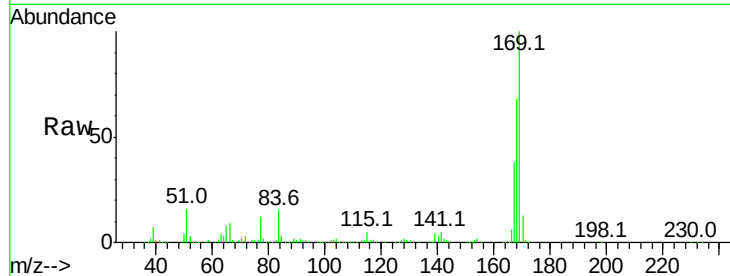
#65
n-Nitrosodiphenylamine
Concen: 45.19 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Instrument :
BNA_F
ClientSampled :
PB97286BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	739330		
168	68.1		54.2	81.2
167	38.0		30.2	45.4

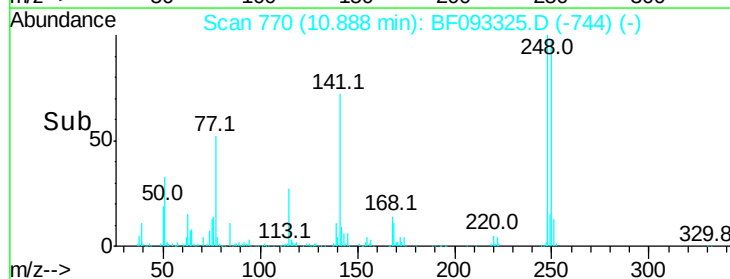
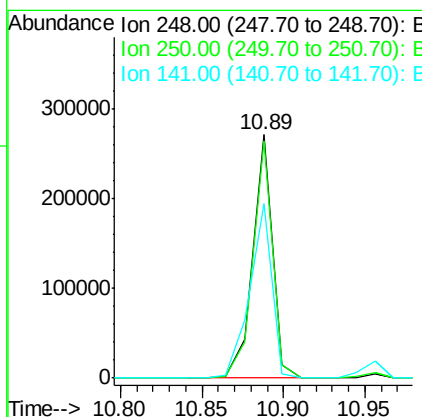
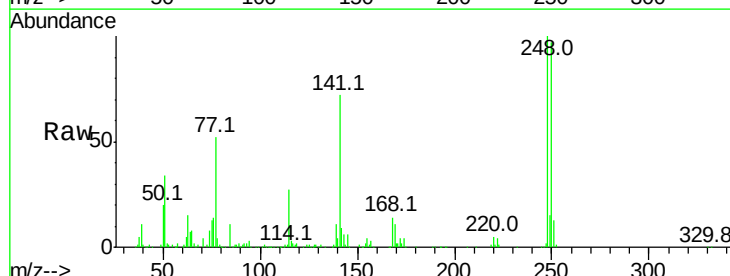
Manual Integrations
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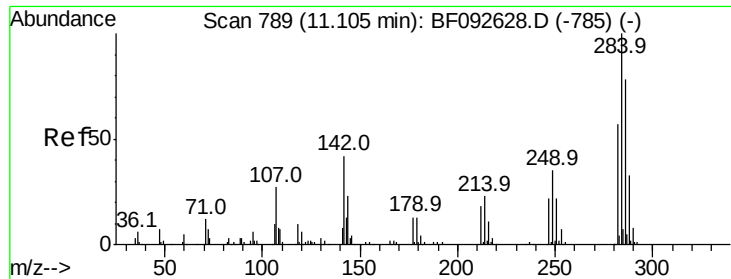
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 42.55 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	227686		
250	97.2		76.9	115.3
141	71.9		68.2	102.4





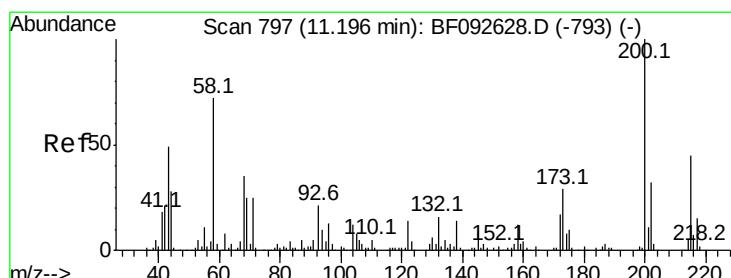
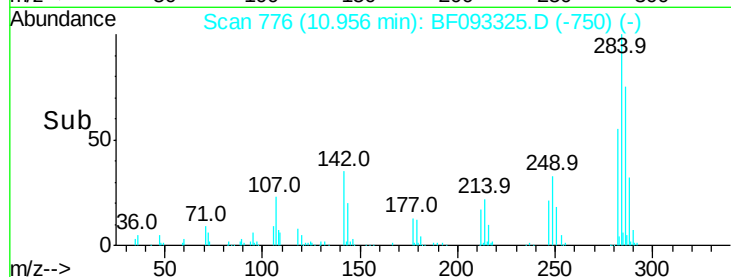
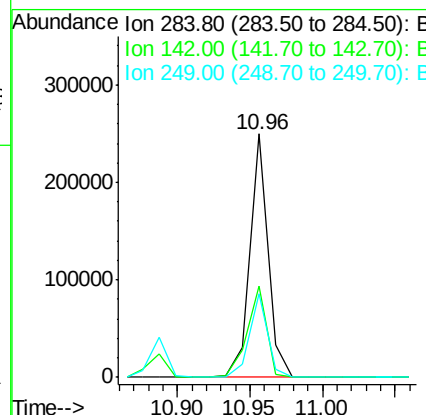
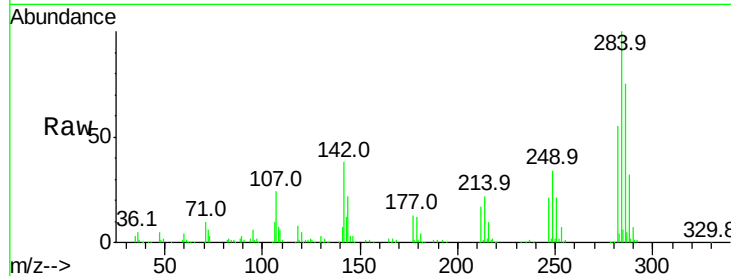
#67
Hexachlorobenzene
Concen: 41.22 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97286BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	217923		
142	37.6	22.6	33.8#	
249	34.4	25.4	38.0	

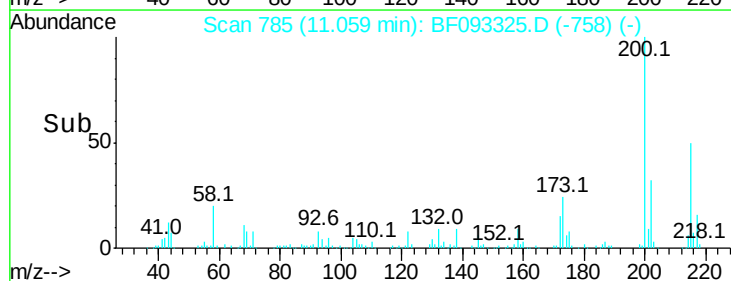
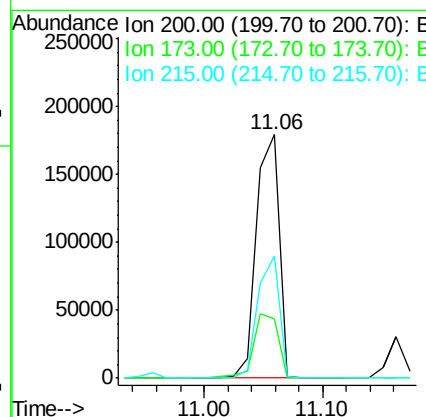
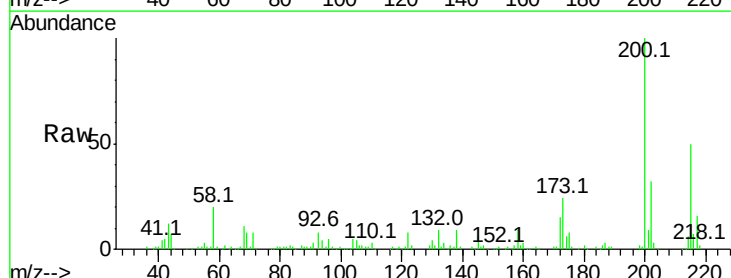
Manual Integrations
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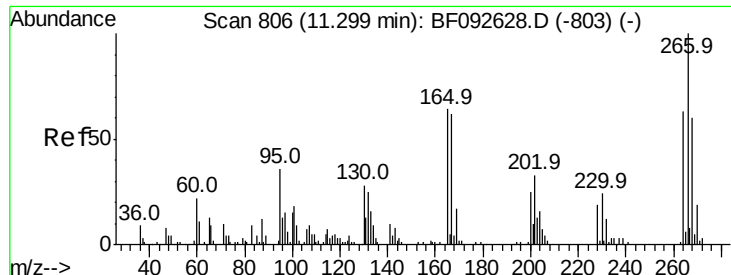
mohammad
3/3/2017 5:16:36 PM



#68
Atrazine
Concen: 46.11 ng
RT: 11.06 min Scan# 785
Delta R.T. 0.01 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	242093		
173	24.3	9.6	49.6	
215	50.1	25.7	65.7	





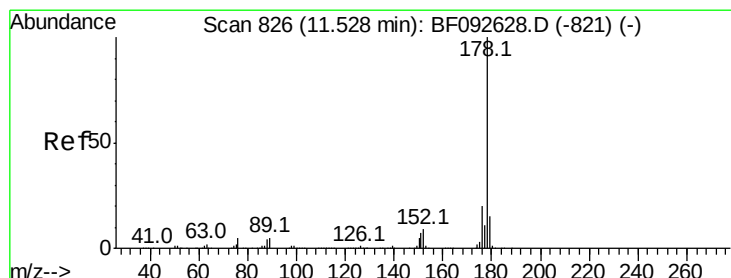
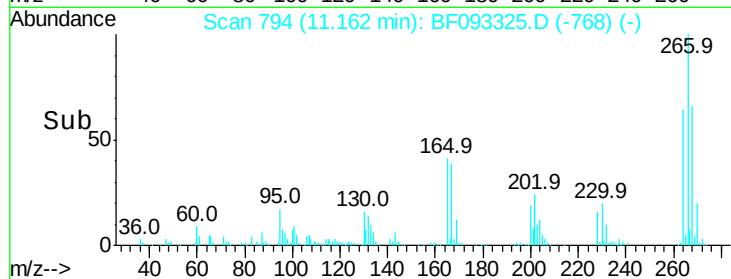
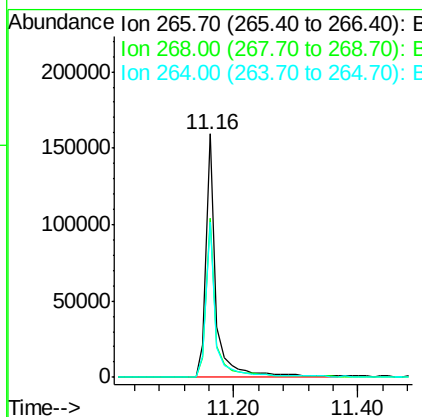
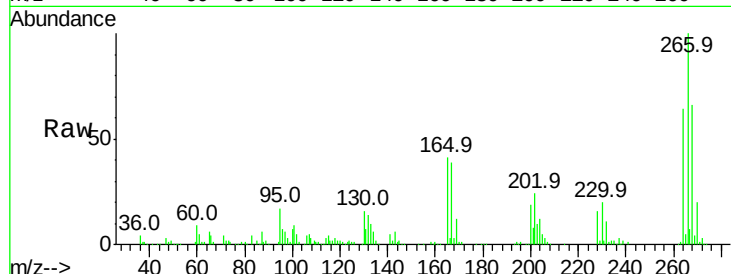
#69
 Pentachlorophenol
 Concen: 68.32 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	183335		
268	65.6	53.3	79.9	
264	63.6	50.3	75.5	

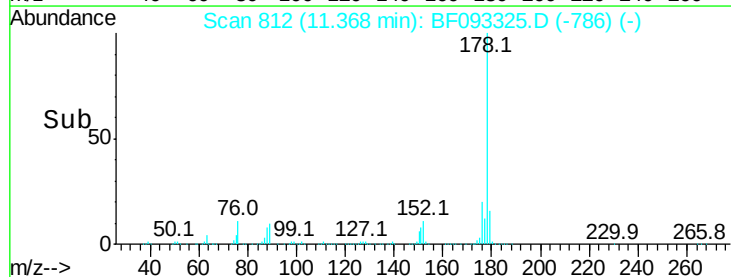
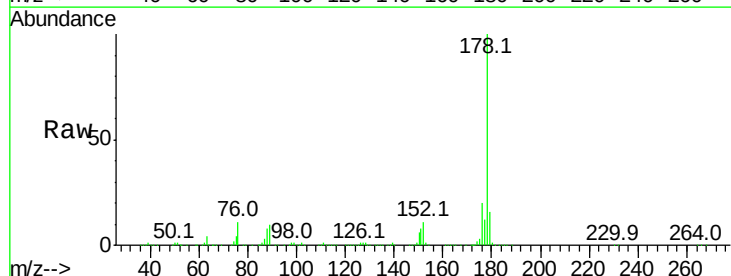
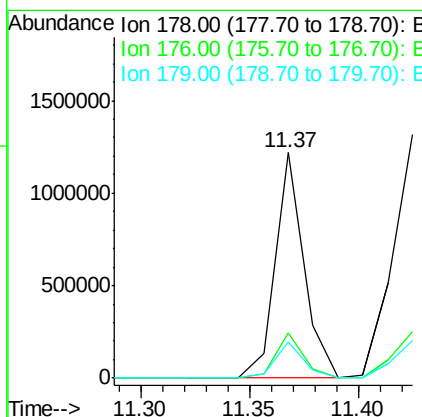
Manual Integrations
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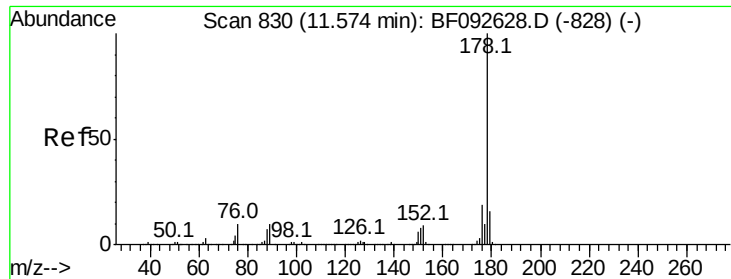
mohammad
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#70
 Phenanthrene
 Concen: 38.60 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1132493		
176	20.0	16.6	25.0	
179	15.9	12.8	19.2	





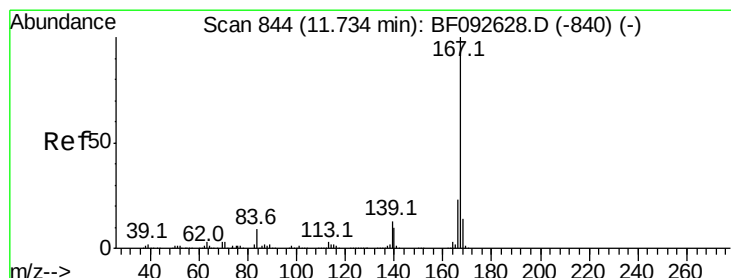
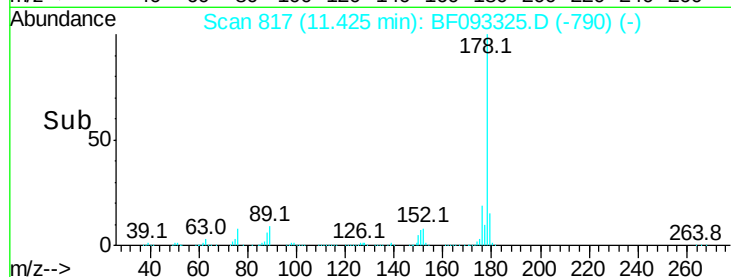
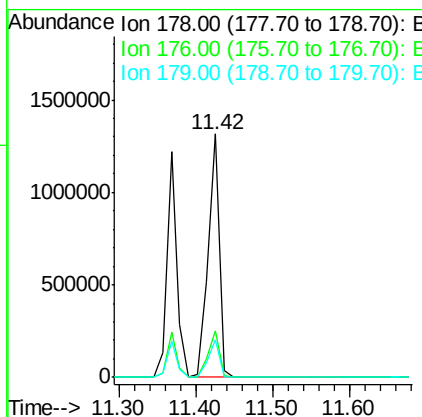
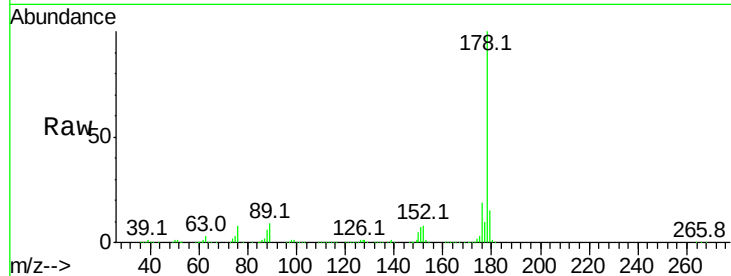
#71
 Anthracene
 Concen: 44.21 ng
 RT: 11.42 min Scan# 817
 Delta R.T. 0.01 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BS

Tot Ion:178 Resp: 1302641
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.9 23.9
 179 15.4 13.2 19.8

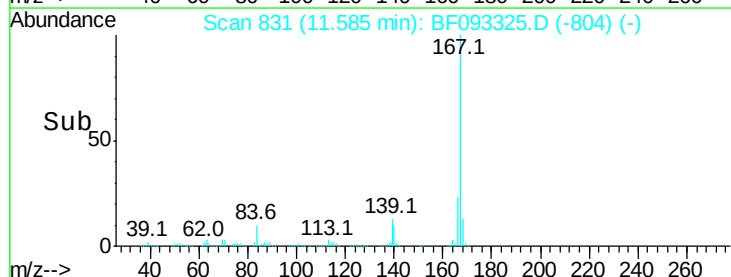
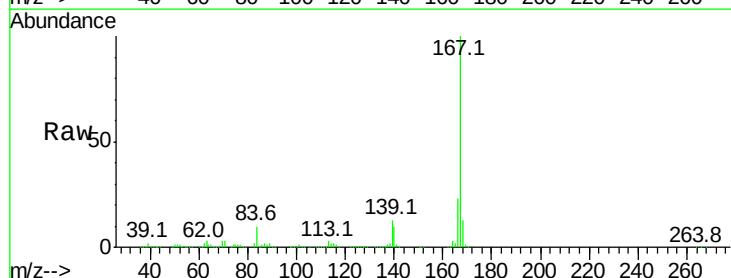
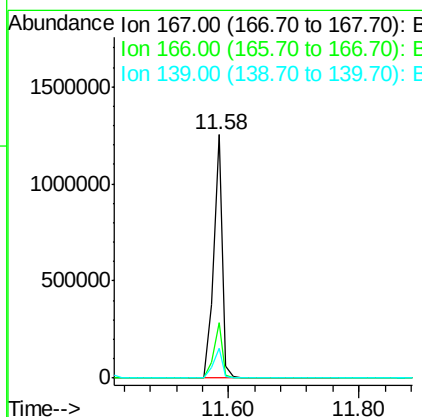
Manual Integrations
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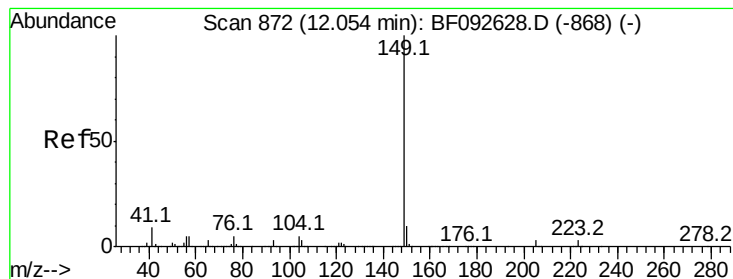
mohammad
 3/3/2017 5:16:36 PM



#72
 Carbazole
 Concen: 42.04 ng
 RT: 11.58 min Scan# 831
 Delta R.T. 0.01 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Tgt Ion:167 Resp: 1184023
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 12.5 11.4 17.2





#73

Di-n-butylphthalate

Concen: 43.20 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97286BS

Tot Ion:149 Resp: 1316030

Ion Ratio Lower Upper

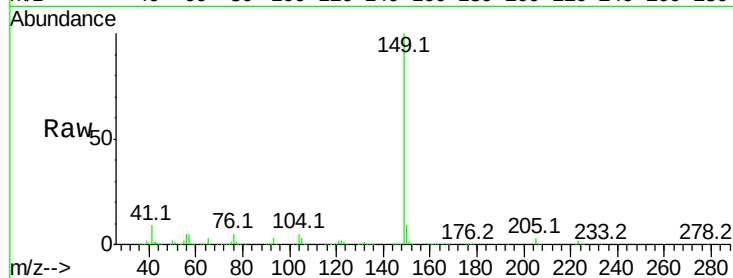
149 100

150 9.4 8.1 12.1

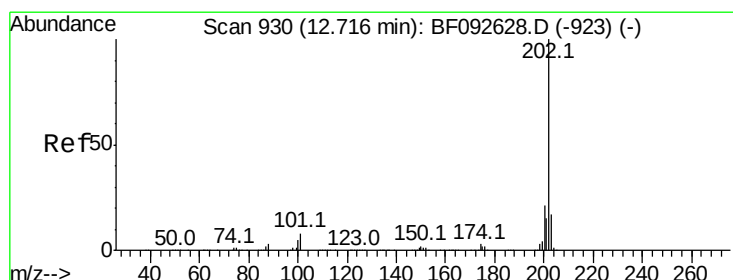
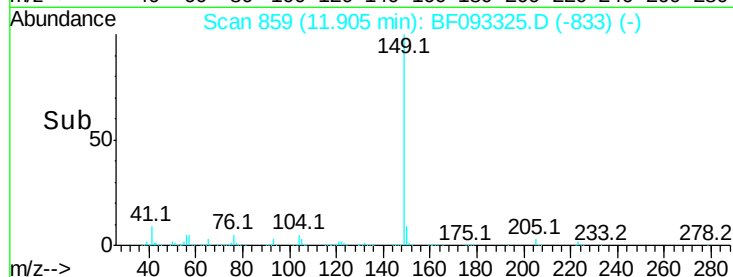
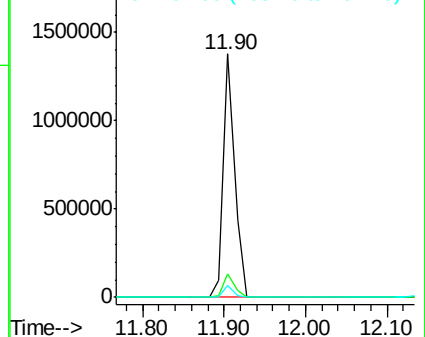
104 4.7 4.6 7.0

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.39 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

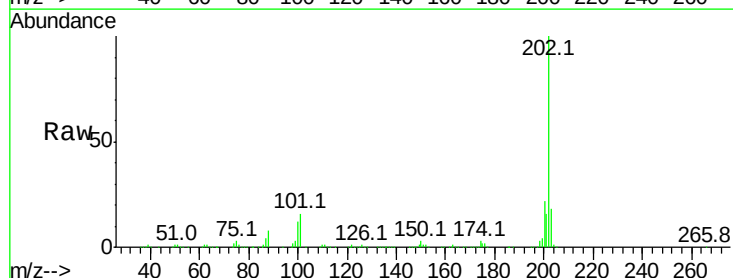
Tgt Ion:202 Resp: 1131705

Ion Ratio Lower Upper

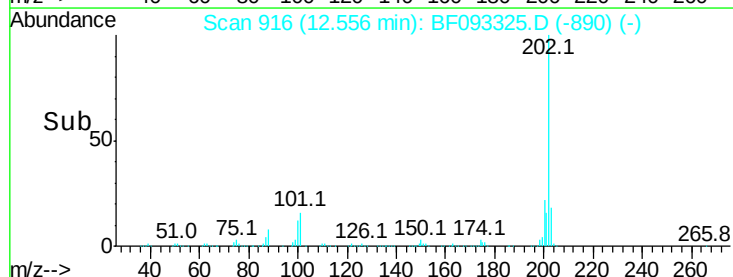
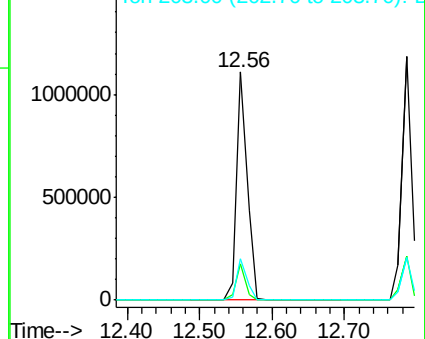
202 100

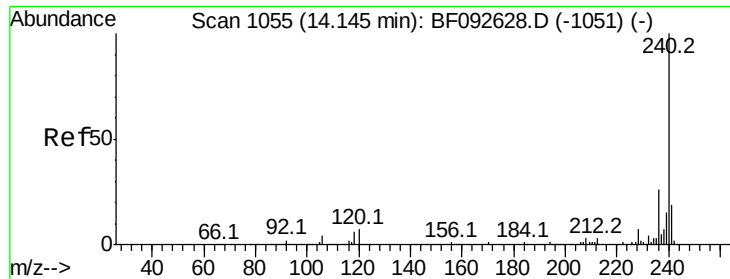
101 16.1 0.0 34.6

203 17.9 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





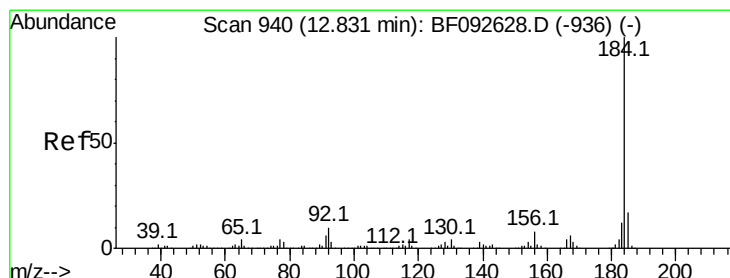
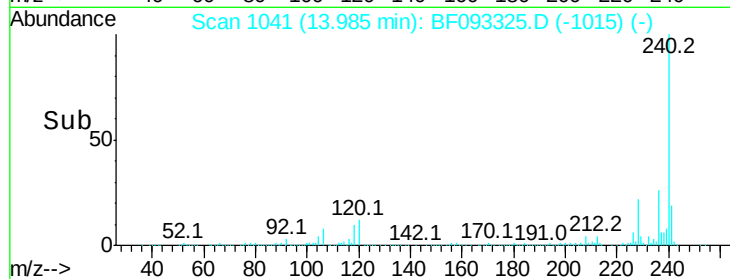
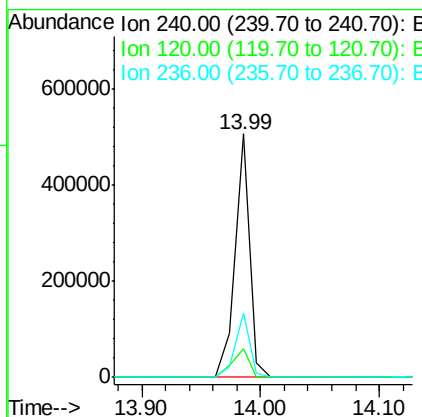
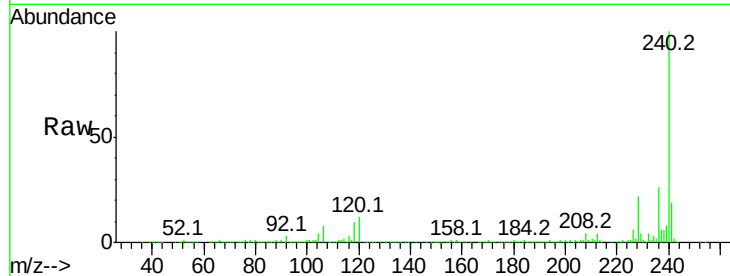
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97286BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	12.9	19.3#
236	26.4	20.9	31.3

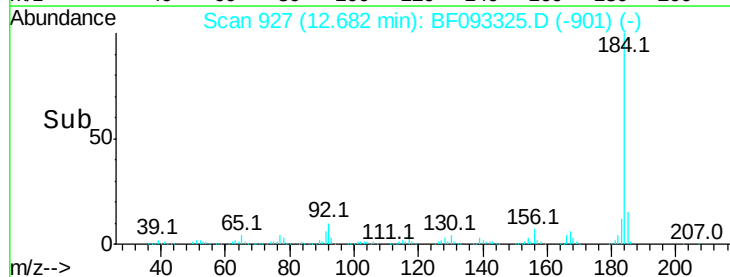
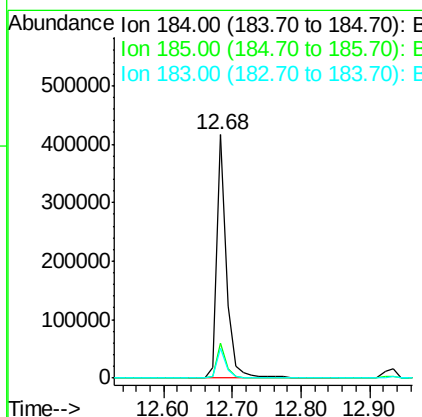
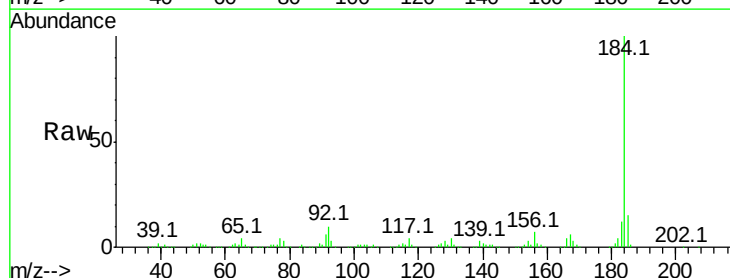
Manual Integrations
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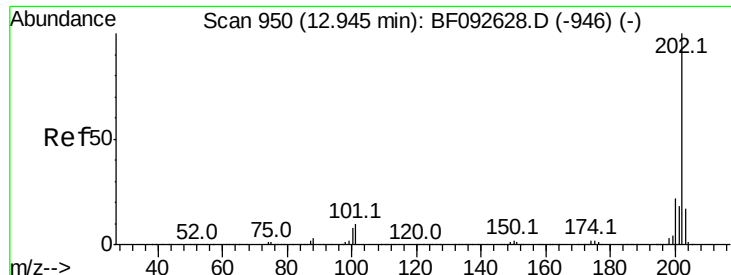
mohammad
3/3/2017 5:16:36 PM



#76
Benzidine
Concen: 22.65 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.4	20.0
183	12.1	9.2	13.8





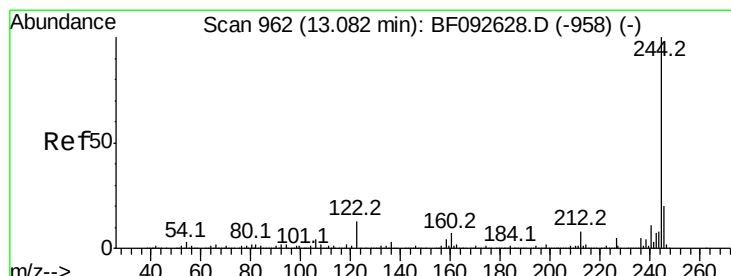
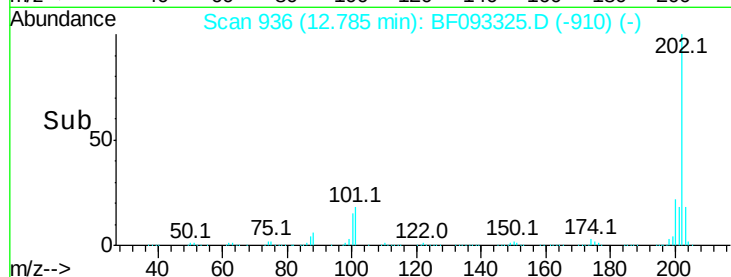
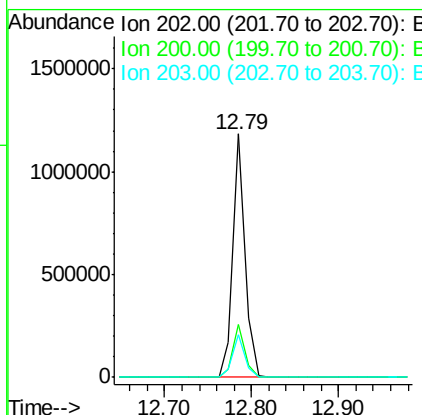
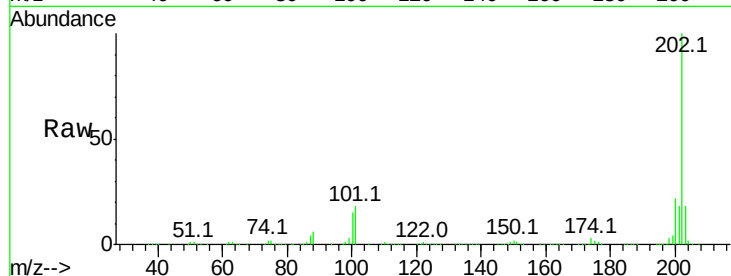
#77
Pvrene
Concen: 34.99 ng
RT: 12.79 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97286BS

Tot Ion:202 Resp: 1138760
Ion Ratio Lower Upper
202 100
200 21.7 17.7 26.5
203 17.6 14.7 22.1

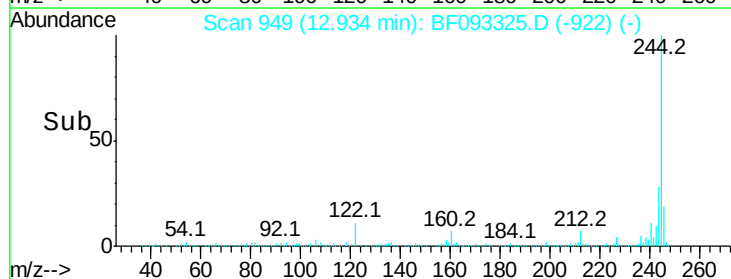
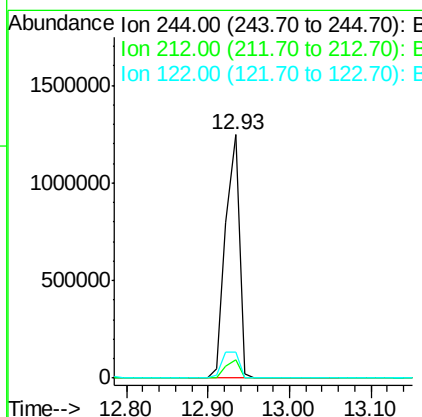
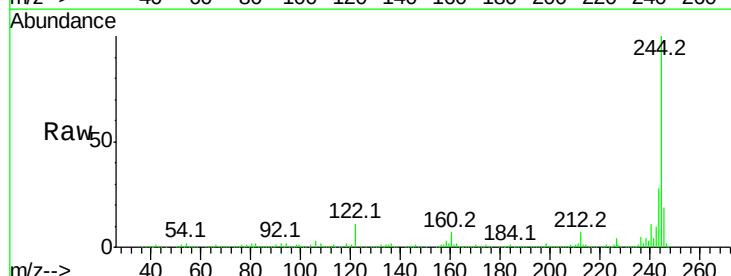
Manual Integrations
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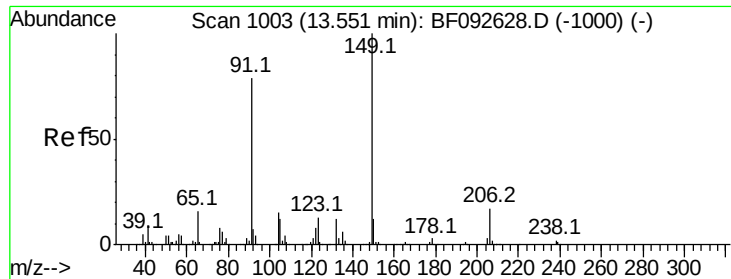
mohammad
3/3/2017 5:16:36 PM



#78
Terphenyl-d14
Concen: 78.81 ng
RT: 12.93 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion:244 Resp: 1458668
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 10.7 11.4 17.2#





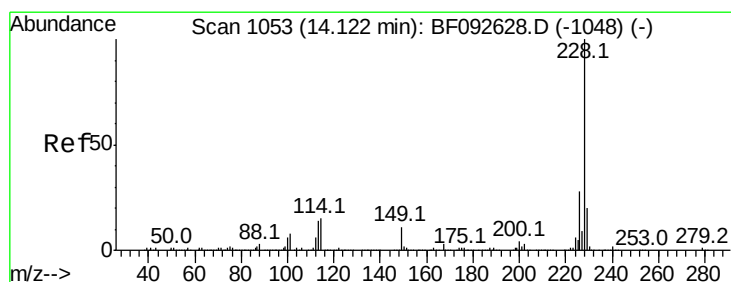
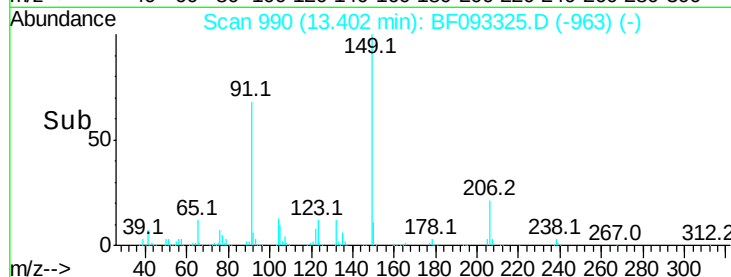
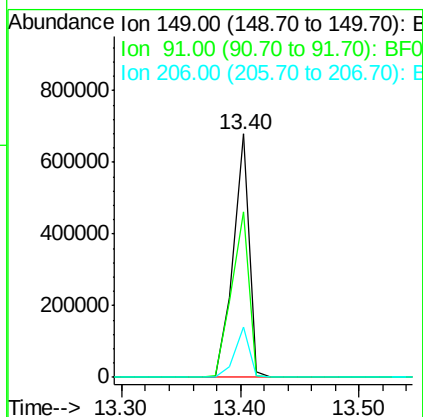
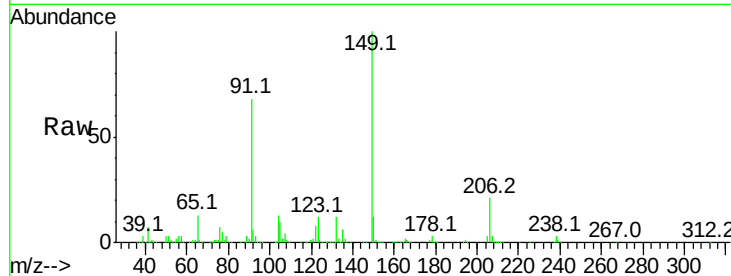
#79
Butylbenzylphthalate
Concen: 47.91 ng
RT: 13.40 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97286BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	633196		
91	68.0		63.9	95.9
206	20.6		14.6	21.8

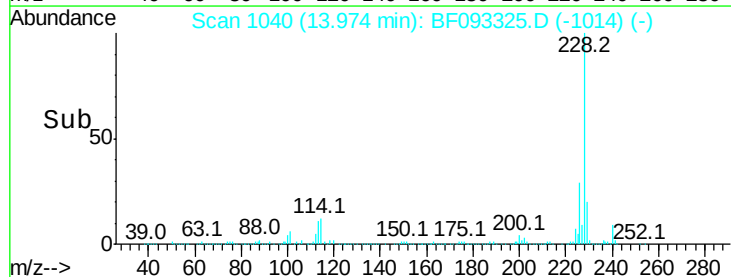
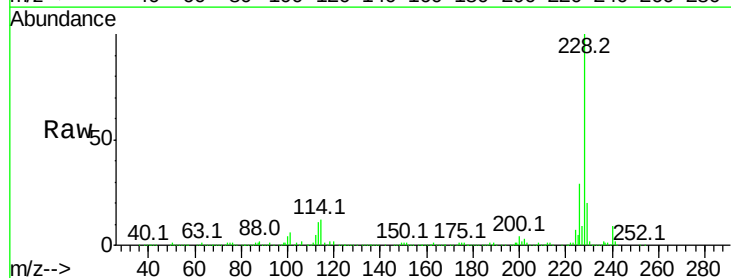
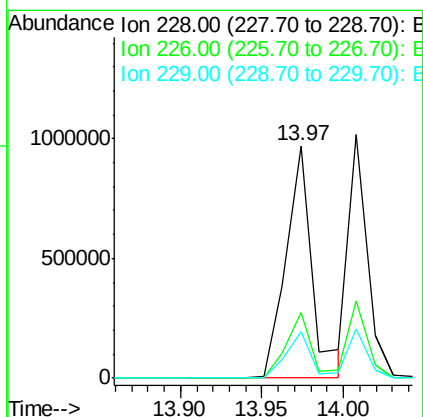
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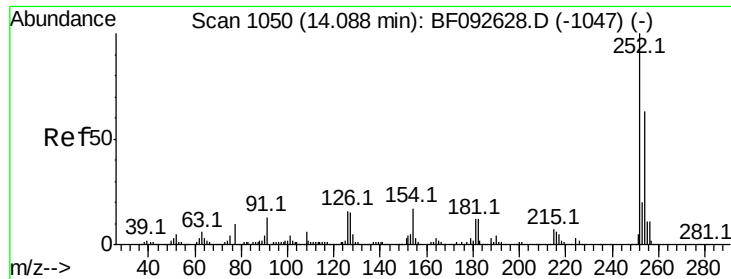
mohammad
3/3/2017 5:16:36 PM



#80
Benzo(a)anthracene
Concen: 41.03 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1091242		
226	28.5		22.4	33.6
229	20.0		16.2	24.4





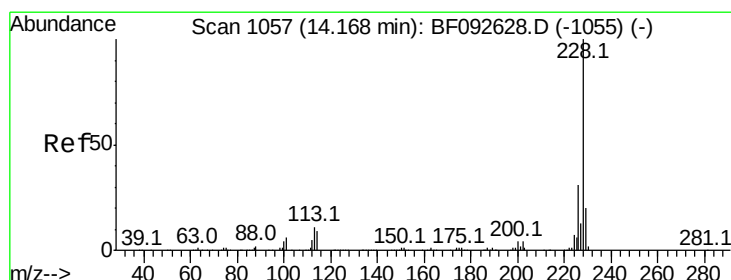
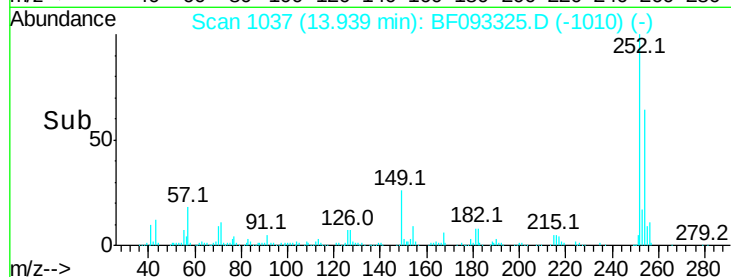
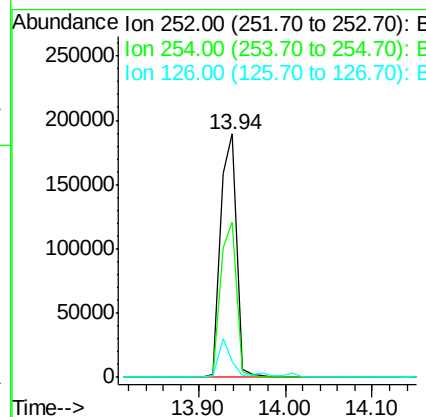
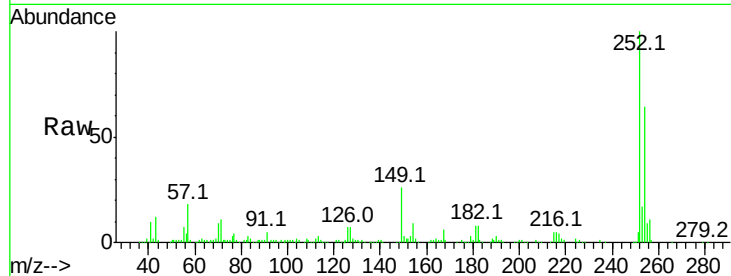
#81
 3,3'-Dichlorobenzidine
 Concen: 26.31 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Instrument :
 BNA_F
 ClientSampled :
 PB97286BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.9	52.3	78.5
126	6.6	13.6	20.4

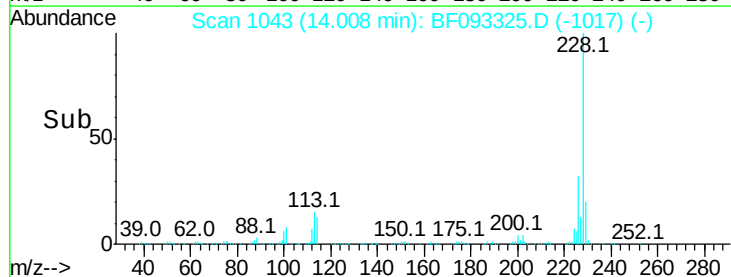
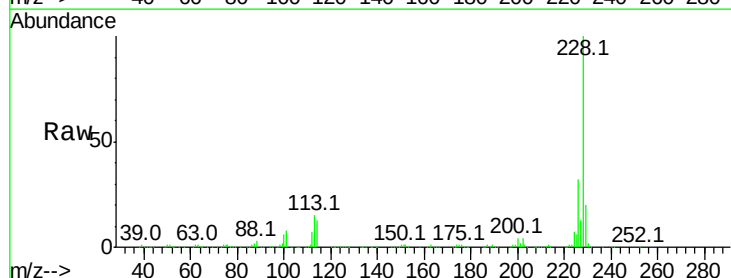
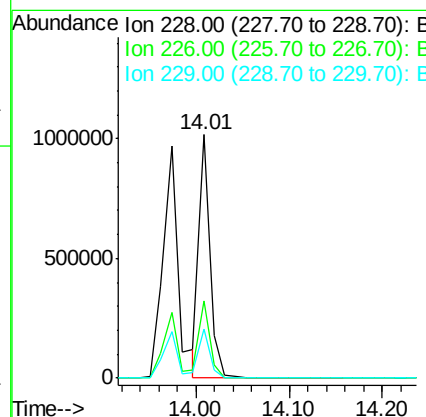
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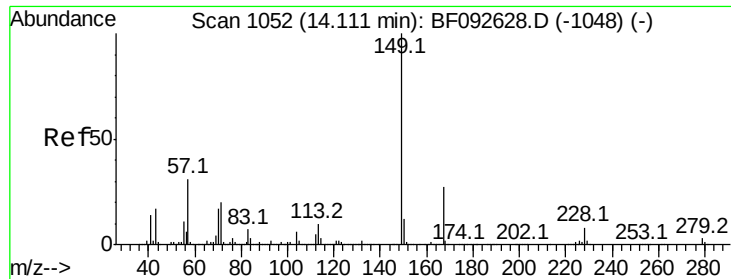
mohammad
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#82
 Chrysene
 Concen: 33.53 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.6	25.4	38.0
229	20.0	16.2	24.2





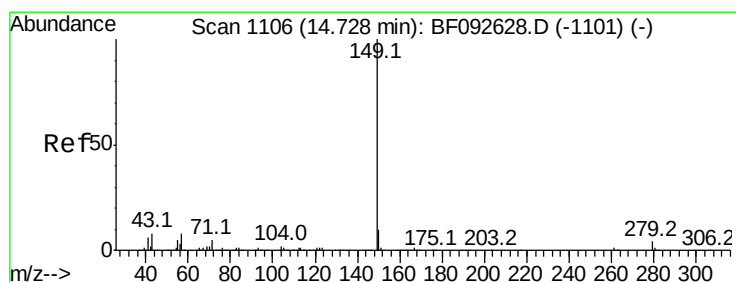
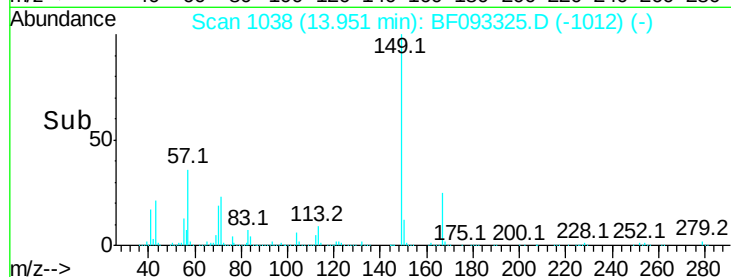
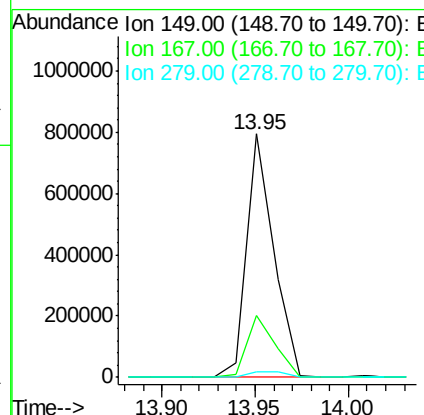
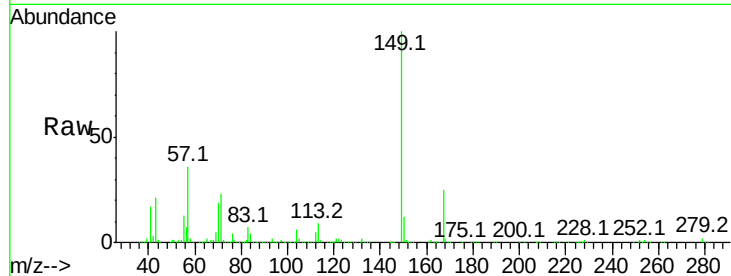
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.42 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	802921		
167	25.4	20.2	30.4	
279	2.2	1.8	2.8	

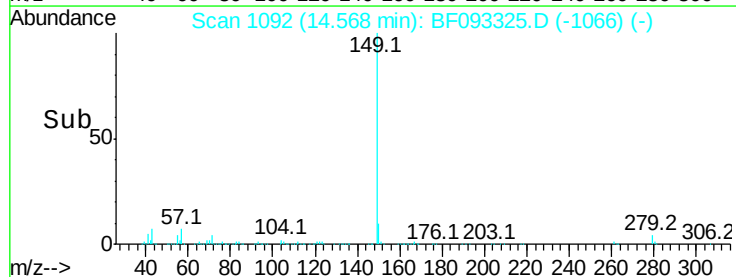
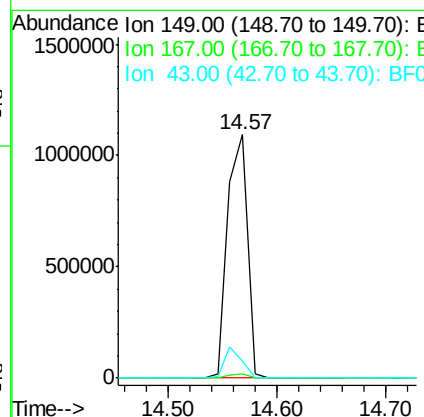
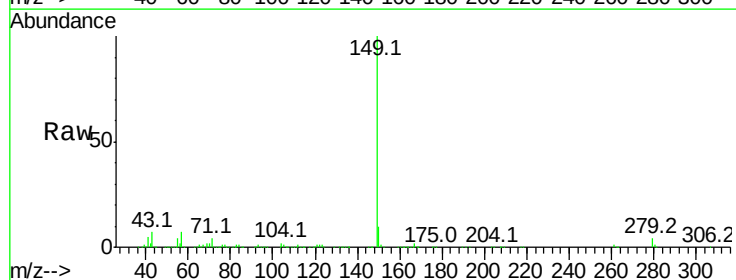
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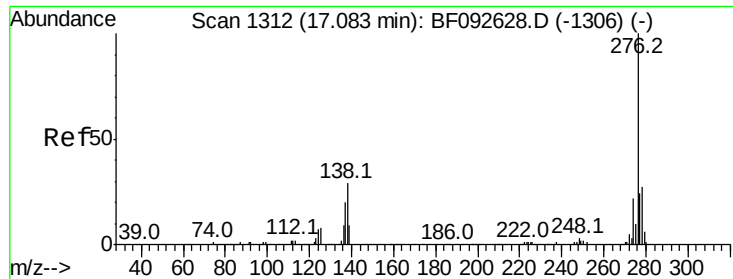
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 47.17 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF093325.D
 Acq: 2 Mar 2017 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1388465		
167	1.6	1.3	1.9	
43	11.1	8.9	13.3	





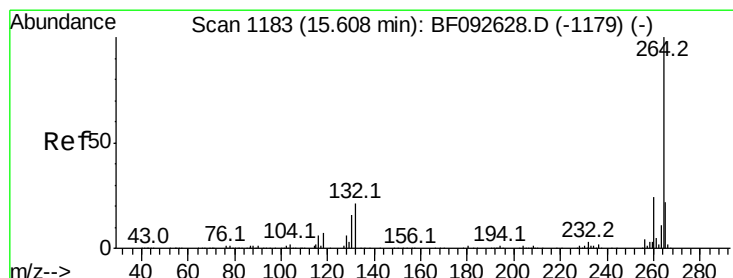
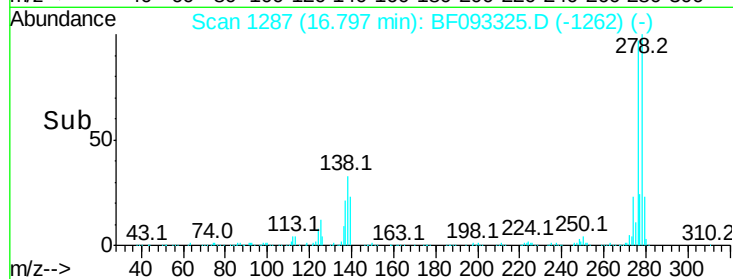
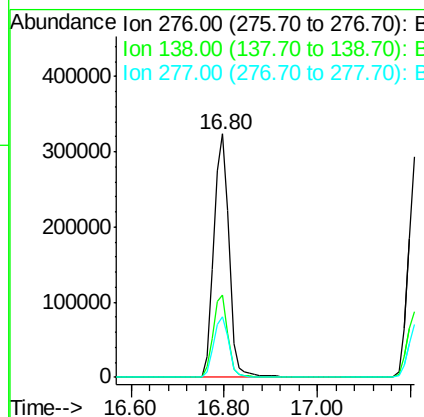
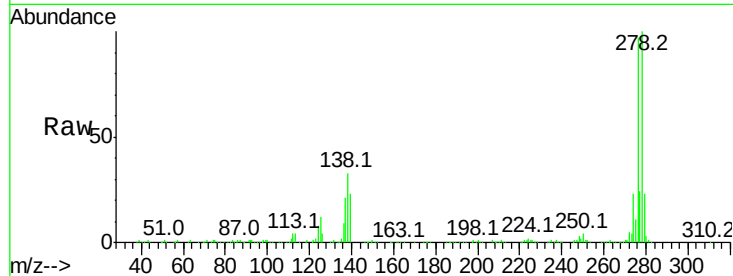
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.53 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97286BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.0	21.8	32.6#
277	25.0	20.2	30.4

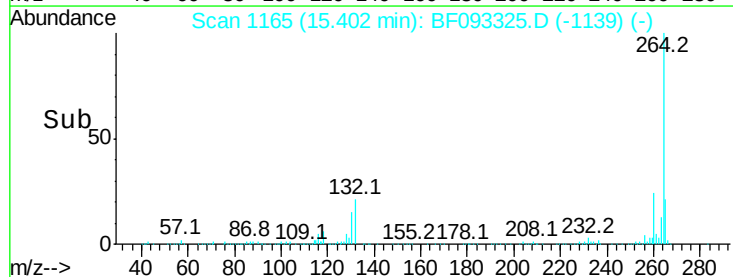
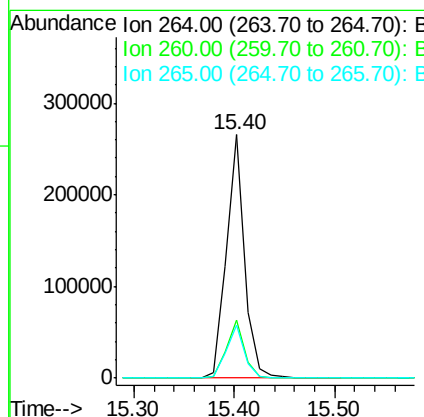
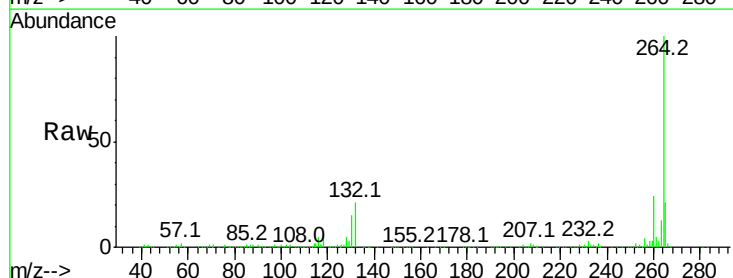
Manual Integrations
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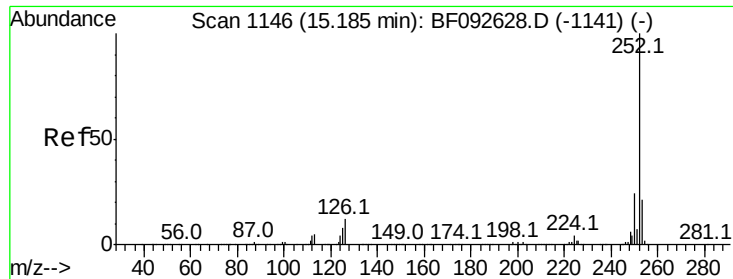
mohammad
3/3/2017 5:16:36 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	17.4	26.0





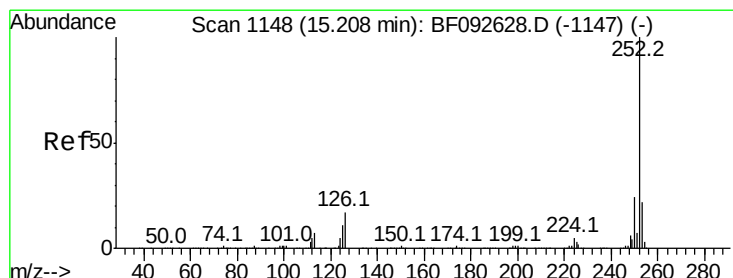
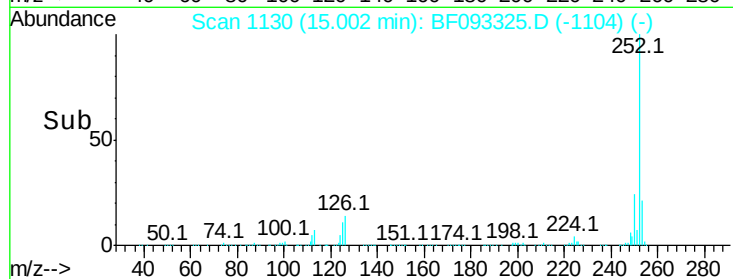
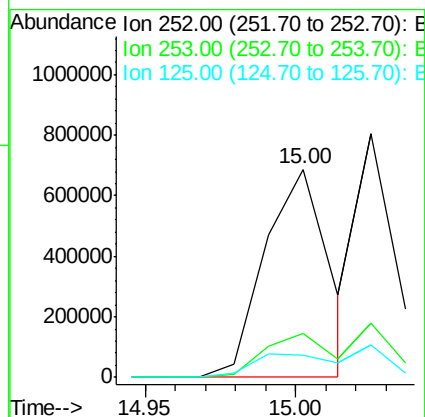
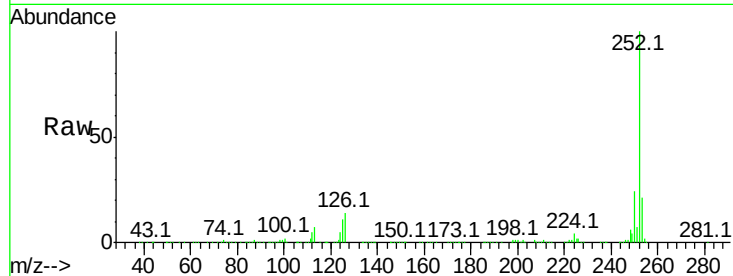
#87
Benzo(b)fluoranthene
Concen: 46.27 ng m
RT: 15.00 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Instrument :
BNA_F
ClientSampled :
PB97286BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.4
125	10.6	9.8	14.6

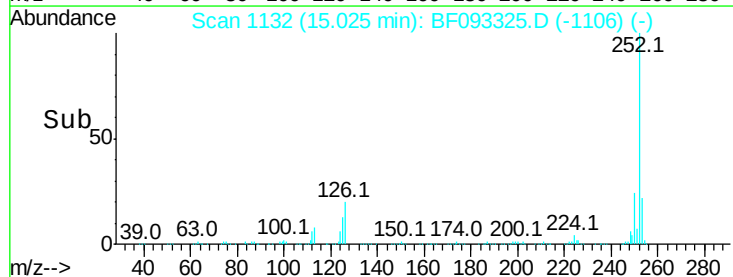
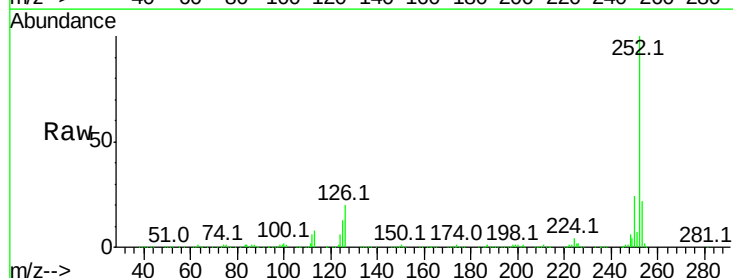
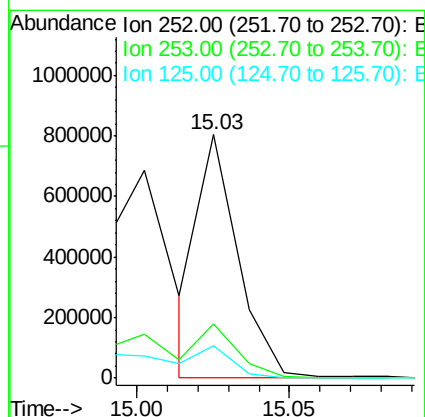
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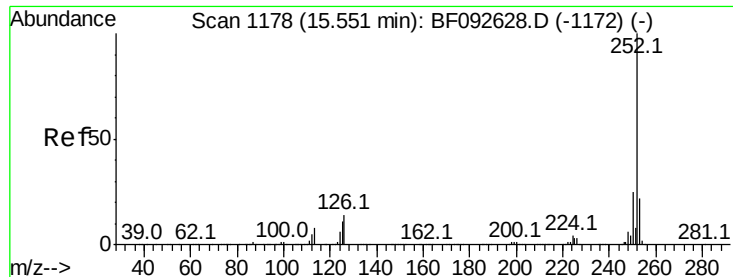
mohammad
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#88
Benzo(k)fluoranthene
Concen: 38.63 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	13.3	8.9	13.3





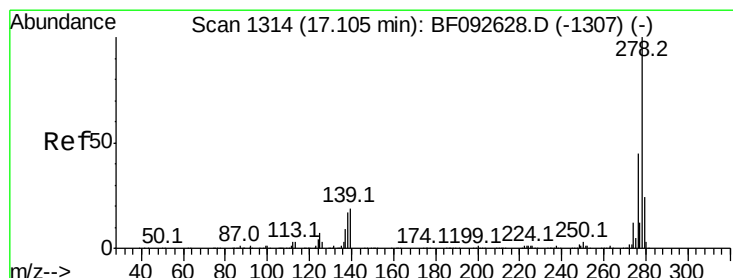
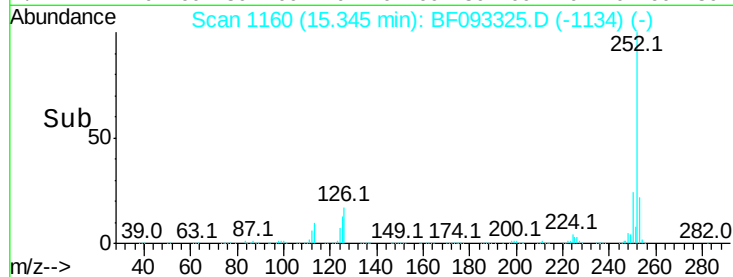
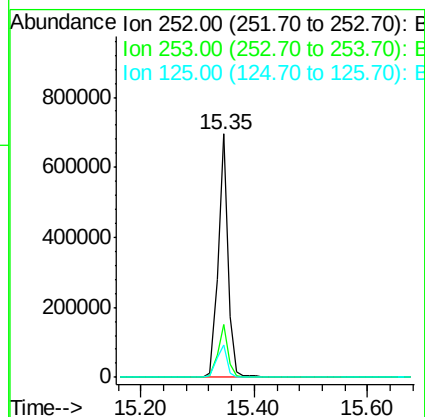
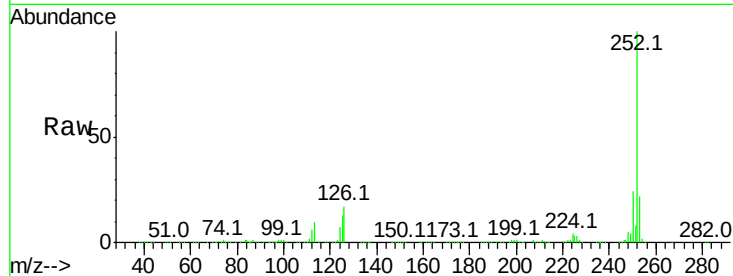
#89
Benzo(a)pyrene
Concen: 43.70 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97286BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	13.2	10.0	15.0

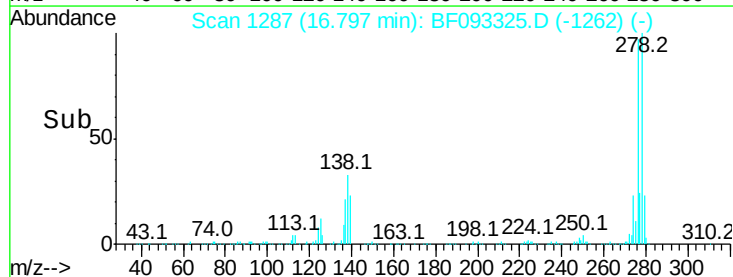
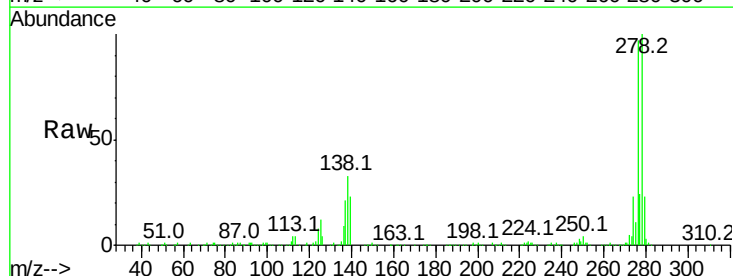
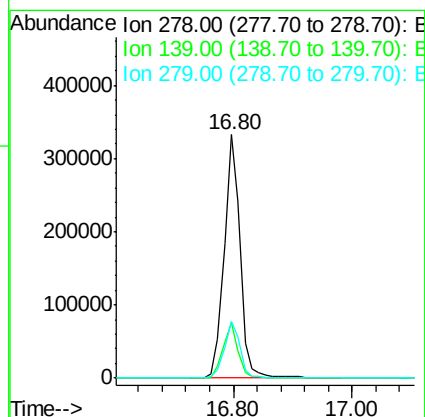
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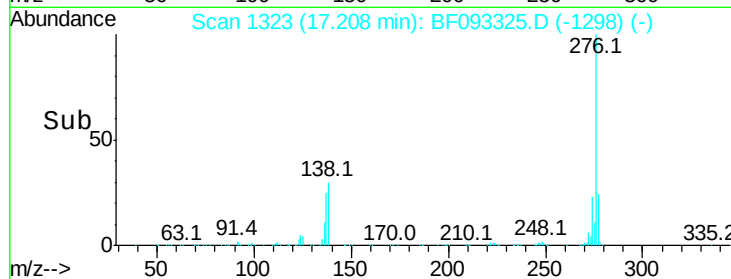
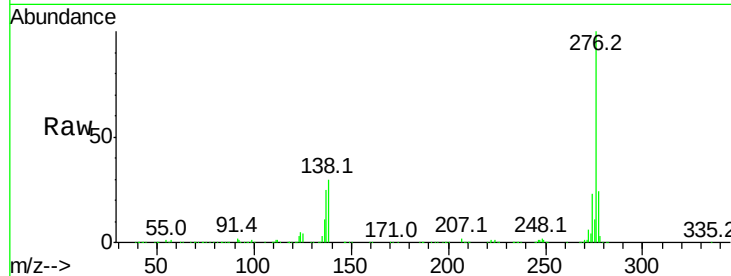
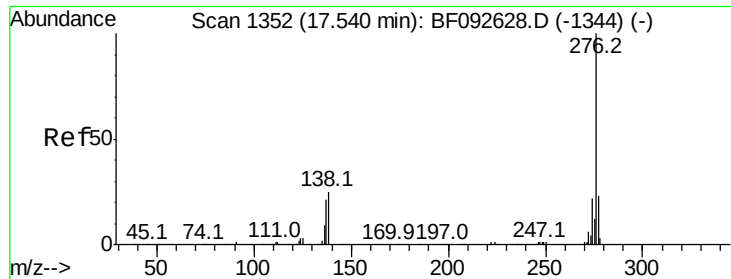
mohammad
3/3/2017 5:16:36 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.83 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF093325.D
Acq: 2 Mar 2017 17:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.9	14.8	22.2#
279	23.4	19.8	29.6





#91

Benzo(a,h,i)perylene

Concen: 40.60 ng

RT: 17.21 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF093325.D

Acq: 2 Mar 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97286BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	29.9	16.0	24.0

Manual Integrations
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mohammad
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