

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092905.D
 Acq On : 11 Feb 2017 1:23
 Operator : SJ/MA
 Sample : I1777-03MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-02-0-2MSD

Manual Integrations
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mohammad
 2/13/2017 12:41:44 PM

Quant Time: Feb 11 02:29:27 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 23:31:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	178735	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	742454	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	382143	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	592878	20.00	ng	0.00
75) Chrysene-d12	14.07	240	407132	20.00	ng	0.00
86) Perylene-d12	15.51	264	349143	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1102876	105.86	ng	0.01
7) Phenol-d6	6.54	99	1556406	116.11	ng	0.01
23) Nitrobenzene-d5	7.47	82	964905	72.37	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	323570	117.07	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1592114	75.48	ng	0.00
78) Terphenyl-d14	13.01	244	1291241	74.52	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.57	88	169176	30.05	ng	# 85
3) Pyridine	3.30	79	454374	31.74	ng	# 82
4) n-Nitrosodimethylamine	3.26	42	252335	37.54	ng	# 86
6) Aniline	6.56	93	304618	16.66	ng	# 14
8) 2-Chlorophenol	6.68	128	440840	38.36	ng	94
9) Benzaldehyde	6.44	77	166105	17.30	ng	99
10) Phenol	6.56	94	699383	44.59	ng	81
11) bis(2-Chloroethyl)ether	6.64	93	452640	36.16	ng	94
12) 1,3-Dichlorobenzene	6.84	146	498946	37.06	ng	98
13) 1,4-Dichlorobenzene	6.91	146	489258	35.91	ng	98
14) 1,2-Dichlorobenzene	7.07	146	508193	39.01	ng	96
15) Benzyl Alcohol	7.05	79	407648	41.08	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.18	45	843469	38.78	ng	95
17) 2-Methylphenol	7.16	107	379379	38.48	ng	96
18) Hexachloroethane	7.41	117	174230	37.46	ng	95
19) n-Nitroso-di-n-propylamine	7.32	70	340564	39.91	ng	99
20) 3+4-Methylphenols	7.32	107	465961	39.52	ng	# 87
22) Acetophenone	7.31	105	588019	34.69	ng	# 94
24) Nitrobenzene	7.48	77	493627	36.06	ng	98
25) Isophorone	7.72	82	908102	36.55	ng	96
26) 2-Nitrophenol	7.80	139	234819	36.08	ng	97
27) 2,4-Dimethylphenol	7.85	122	441177	38.60	ng	95
28) bis(2-Chloroethoxy)methane	7.94	93	600583	36.50	ng	100
29) 2,4-Dichlorophenol	8.05	162	406309	38.12	ng	100
30) 1,2,4-Trichlorobenzene	8.13	180	431547	37.57	ng	100
31) Naphthalene	8.21	128	1350949	35.89	ng	98
32) Benzoic acid	7.97	122	2793m	7.53	ng	
33) 4-Chloroaniline	8.26	127	198804	13.47	ng	99
34) Hexachlorobutadiene	8.33	225	227052	35.93	ng	99
35) Caprolactam	8.64	113	112114m	33.44	ng	
36) 4-Chloro-3-methylphenol	8.75	107	398655	35.87	ng	98
37) 2-Methylnaphthalene	8.90	142	845787	35.00	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	403453	37.61	ng	99
40) Hexachlorocyclopentadiene	9.05	237	259599	53.64	ng	97

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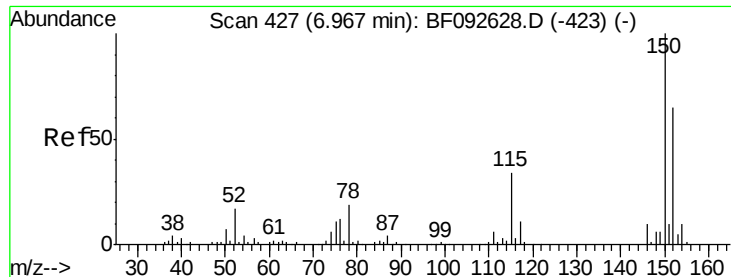
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	278095	39.45	ng	93
43) 2,4,5-Trichlorophenol	9.23	196	267566	34.65	ng #	85
45) 1,1'-Biphenyl	9.37	154	1073012	38.78	ng	98
46) 2-Chloronaphthalene	9.39	162	802488	37.07	ng	97
47) 2-Nitroaniline	9.49	65	282684	38.84	ng #	80
48) Acenaphthylene	9.80	152	1279987	34.23	ng	99
49) Dimethylphthalate	9.68	163	1136695	44.16	ng	100
50) 2,6-Dinitrotoluene	9.73	165	213835	38.47	ng #	88
51) Acenaphthene	9.97	154	734645	32.86	ng	96
52) 3-Nitroaniline	9.90	138	162041	25.47	ng #	79
53) 2,4-Dinitrophenol	10.01	184	33686	15.94	ng #	72
54) Dibenzofuran	10.14	168	1067555	35.70	ng	97
55) 4-Nitrophenol	10.08	139	287417	62.73	ng	87
56) 2,4-Dinitrotoluene	10.13	165	249466	33.71	ng	97
57) Fluorene	10.49	166	751528	32.67	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.27	232	206459	40.07	ng	97
59) Diethylphthalate	10.36	149	912072	37.60	ng	99
60) 4-Chlorophenyl-phenylether	10.49	204	380234	34.40	ng #	73
61) 4-Nitroaniline	10.51	138	205325	31.51	ng	94
62) Azobenzene	10.64	77	954038	38.07	ng	96
64) 4,6-Dinitro-2-methylphenol	10.54	198	66609	20.10	ng	84
65) n-Nitrosodiphenylamine	10.60	169	689467	36.40	ng	99
66) 4-Bromophenyl-phenylether	10.97	248	221632	35.78	ng	95
67) Hexachlorobenzene	11.04	284	216897	35.43	ng #	90
68) Atrazine	11.13	200	204994	33.73	ng	100
69) Pentachlorophenol	11.23	266	194355	63.17	ng	97
70) Phenanthrene	11.45	178	1194235	35.16	ng	98
71) Anthracene	11.50	178	1284021	37.64	ng	98
72) Carbazole	11.66	167	1081570	33.17	ng #	96
73) Di-n-butylphthalate	11.98	149	1329271	37.70	ng #	97
74) Fluoranthene	12.64	202	1194182	34.08	ng	98
76) Benzidine	12.76	184	271606	15.66	ng	95
77) Pyrene	12.86	202	1190718	39.08	ng	99
79) Butylbenzylphthalate	13.48	149	517763	41.85	ng	88
80) Benzo(a)anthracene	14.05	228	922241	37.04	ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	214981	24.22	ng #	95
82) Chrysene	14.09	228	714599	30.65	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	699911	41.36	ng #	96
84) Di-n-octyl phthalate	14.65	149	1092739	39.66	ng	99
85) Indeno(1,2,3-cd)pyrene	16.95	276	866297	47.97	ng	95
87) Benzo(b)fluoranthene	15.09	252	913463m	39.75	ng	
88) Benzo(k)fluoranthene	15.12	252	710640m	35.82	ng	
89) Benzo(a)pyrene	15.45	252	800614	40.28	ng	98
90) Dibenzo(a,h)anthracene	16.96	278	672769	41.88	ng #	95
91) Benzo(g,h,i)perylene	17.38	276	755821	46.57	ng #	91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

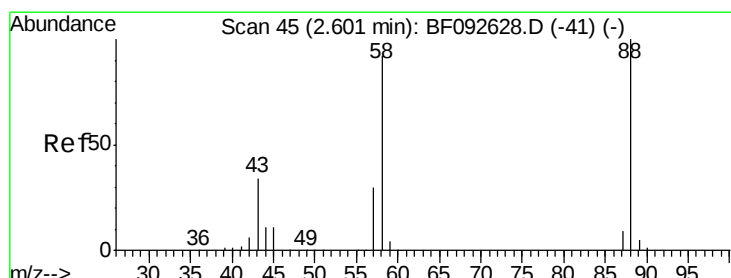
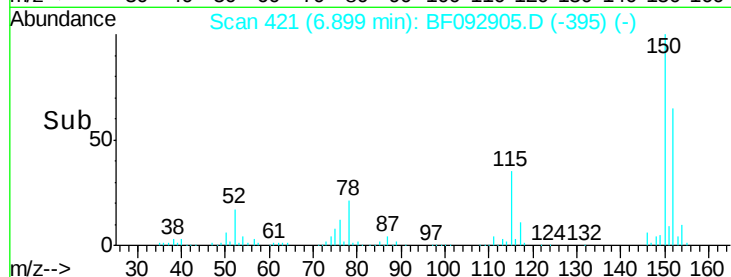
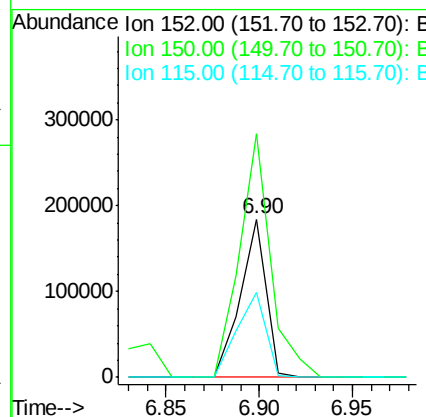
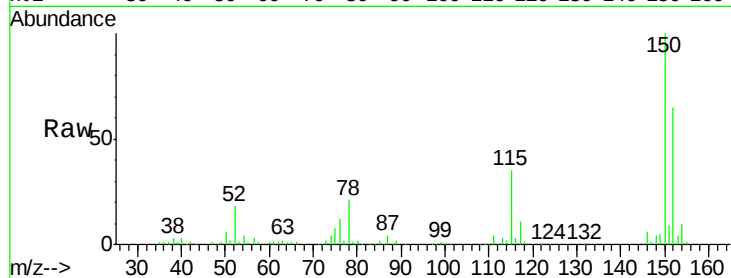
ClientSampleId :

38-SB-02-0-2MSD

Tgt Ion:	152	Resp:	178735
Ion Ratio	Lower	Upper	
152	100		
150	154.1	124.9	187.3
115	53.5	46.0	69.0

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#2

1,4-Dioxane

Concen: 30.05 ng

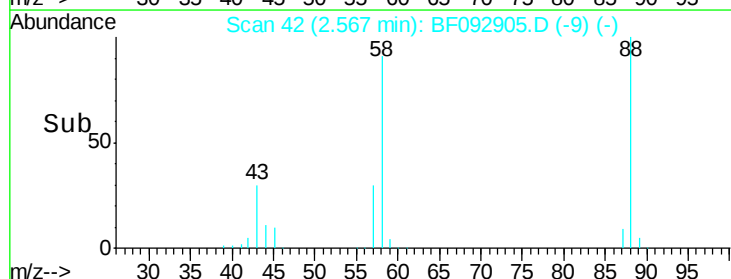
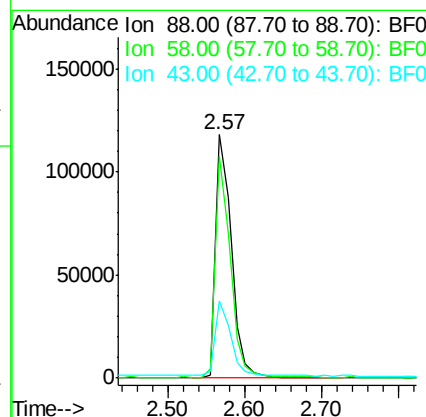
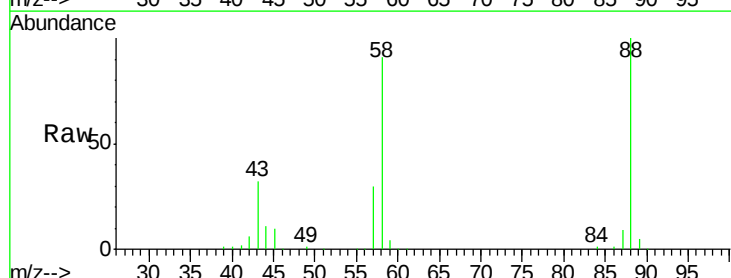
RT: 2.57 min Scan# 42

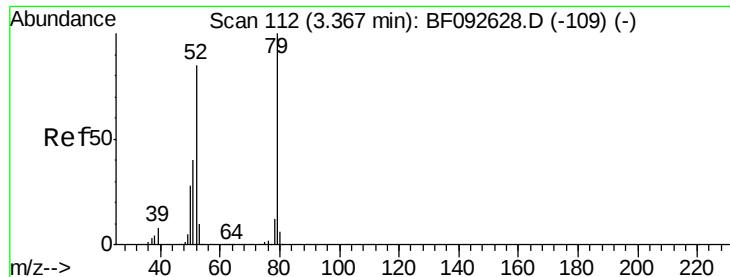
Delta R.T. 0.08 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Tgt Ion:	88	Resp:	169176
Ion Ratio	Lower	Upper	
88	100		
58	88.4	57.8	86.8#
43	29.1	22.3	33.5





#3

Pyridine

Concen: 31.74 ng

RT: 3.30 min Scan# 106

Delta R.T. 0.08 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

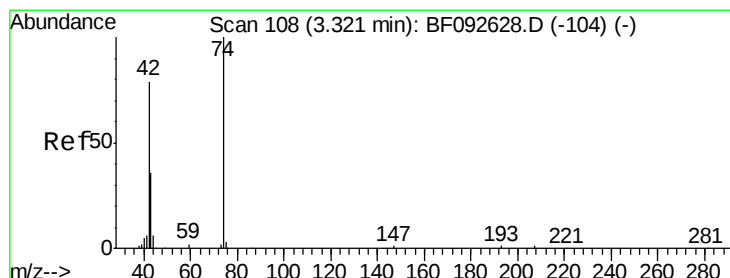
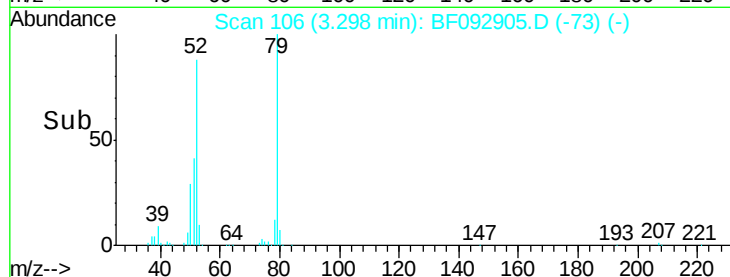
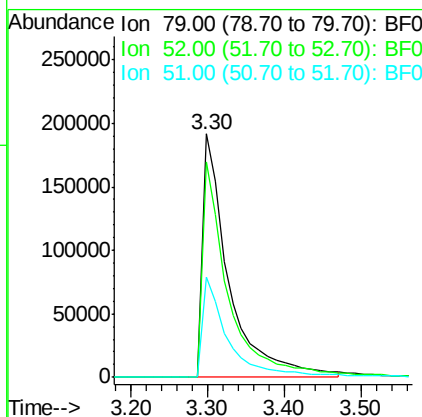
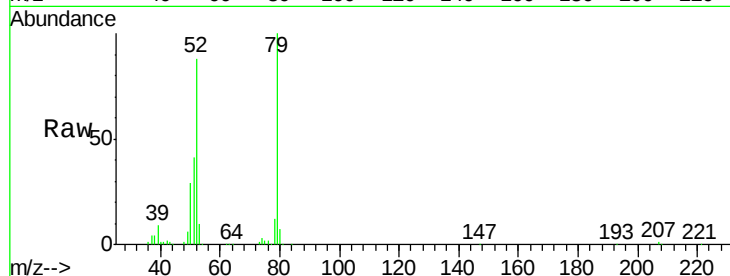
ClientSampleId :

38-SB-02-0-2MSD

Tgt Ion:	79	Resp:	454374
Ion Ratio	Lower	Upper	
79	100		
52	88.4	57.1	85.7#
51	41.2	27.3	40.9#

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#4

n-Nitrosodimethylamine

Concen: 37.54 ng

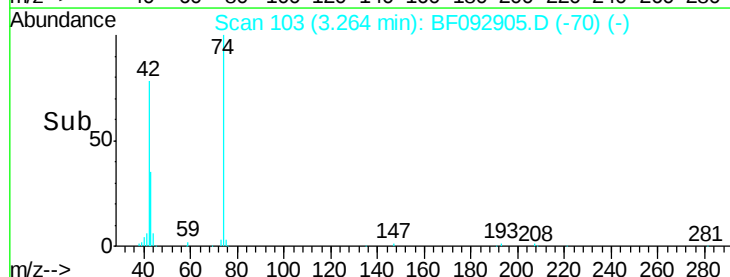
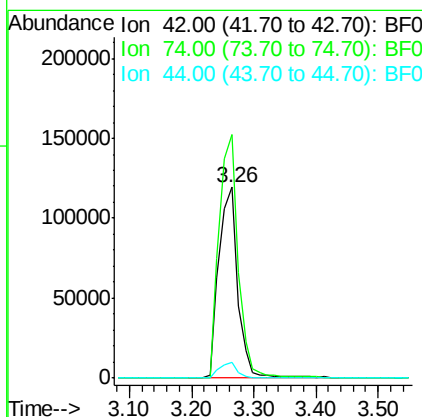
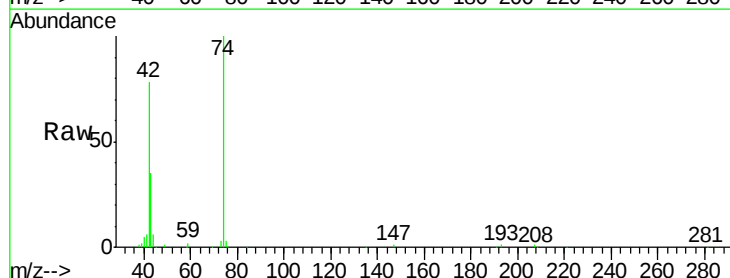
RT: 3.26 min Scan# 103

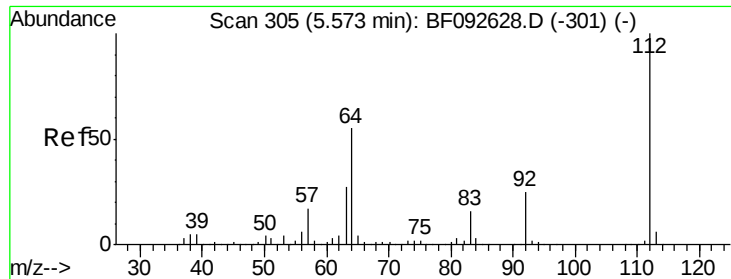
Delta R.T. 0.08 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Tgt Ion:	42	Resp:	252335
Ion Ratio	Lower	Upper	
42	100		
74	127.7	117.0	175.4
44	8.1	5.5	8.3





#5

2-Fluorophenol

Concen: 105.86 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

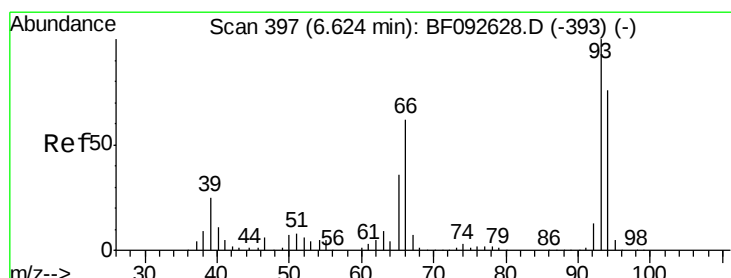
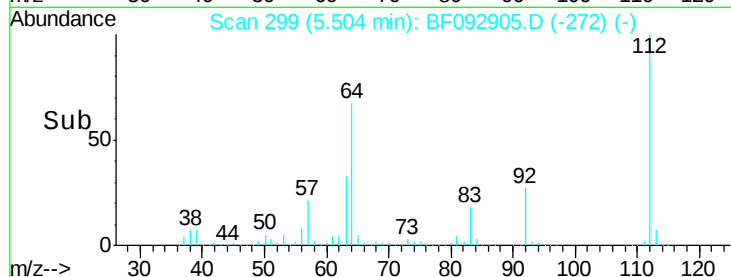
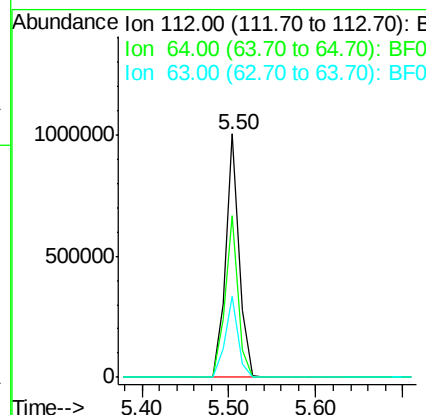
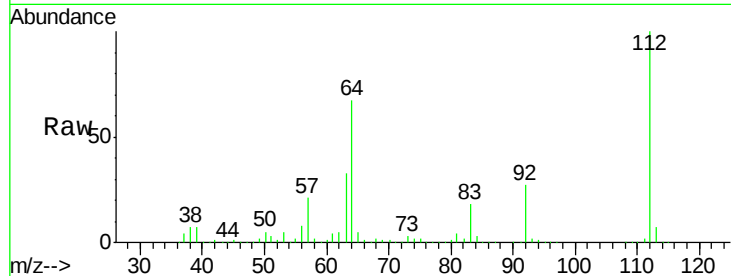
ClientSampleId :

38-SB-02-0-2MSD

Tgt Ion:	112	Resp:	1102876
Ion	Ratio	Lower	Upper
112	100		
64	66.6	46.1	69.1
63	33.4	23.8	35.6

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#6

Aniline

Concen: 16.66 ng

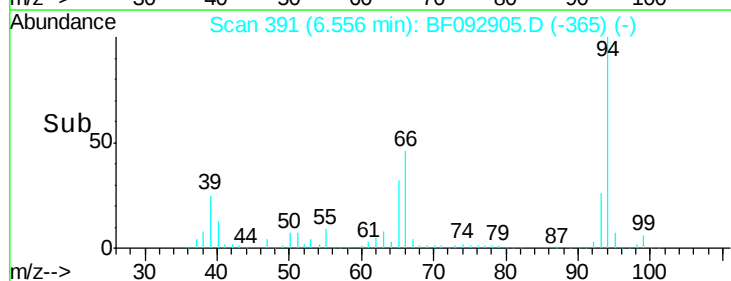
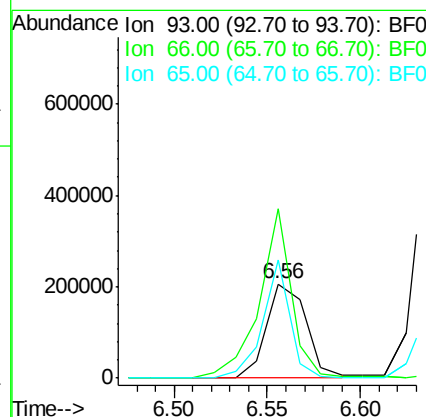
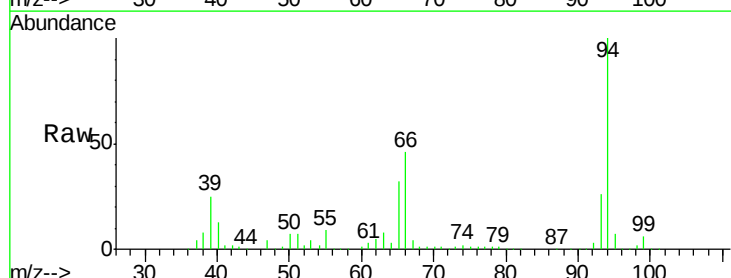
RT: 6.56 min Scan# 391

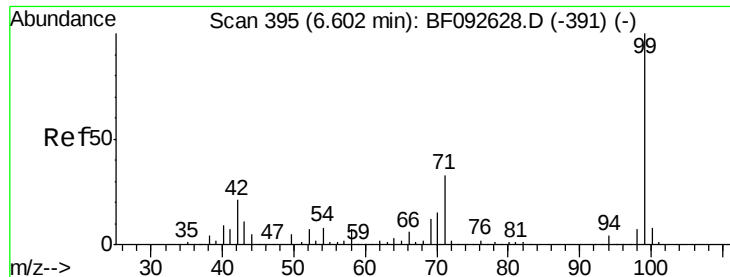
Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Tgt Ion:	93	Resp:	304618
Ion	Ratio	Lower	Upper
93	100		
66	179.9	76.2	114.2#
65	126.1	49.3	73.9#





#7

Phenol-d6

Concen: 116.11 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 1556406

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

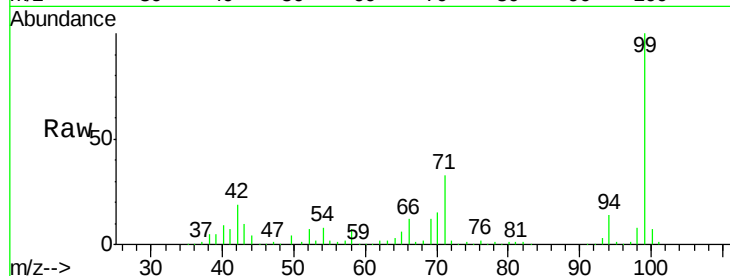
71 32.6 27.5 41.3

Manual Integrations

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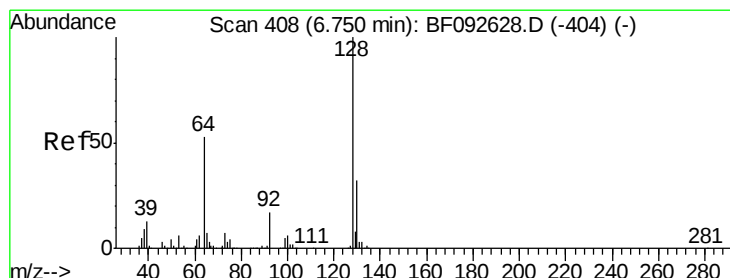
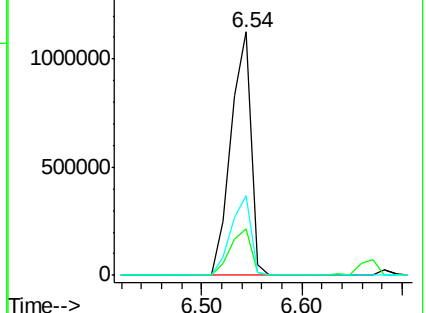
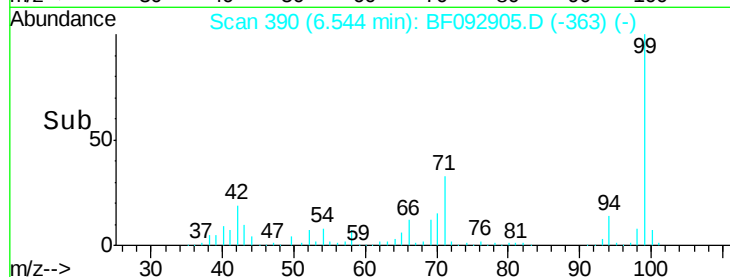
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.36 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

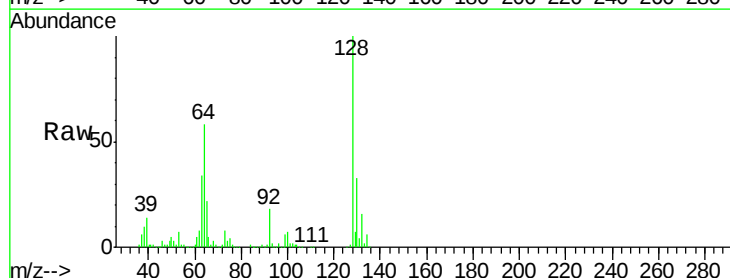
Tgt Ion: 128 Resp: 440840

Ion Ratio Lower Upper

128 100

130 33.4 12.3 52.3

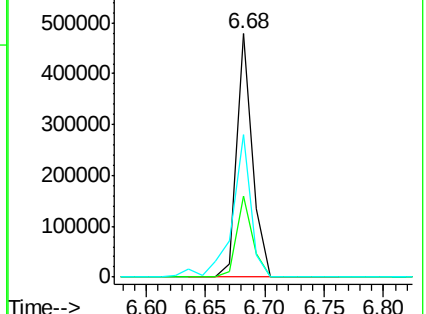
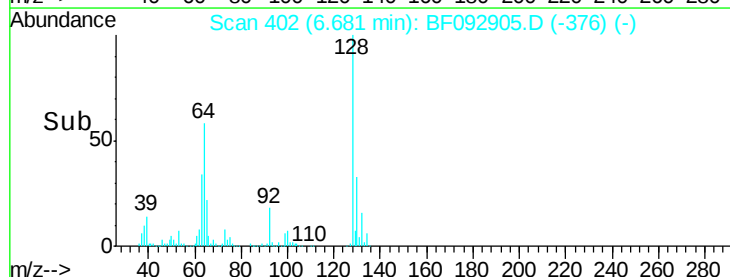
64 58.3 32.2 72.2



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





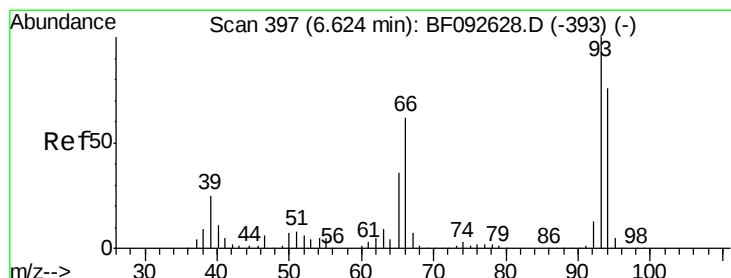
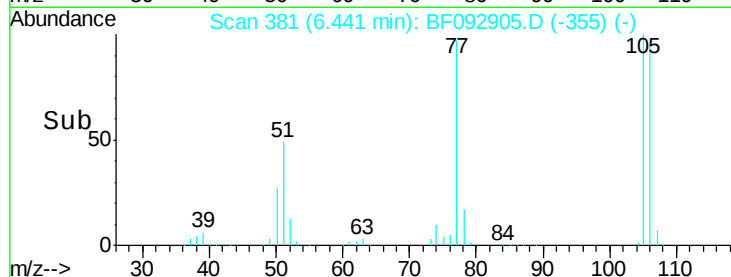
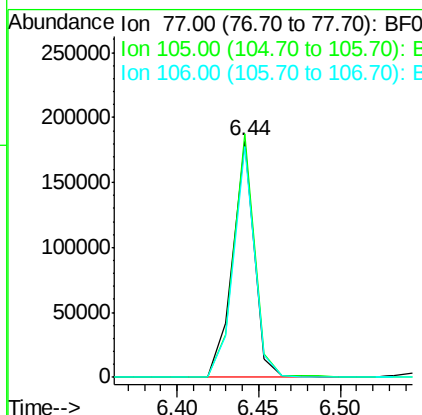
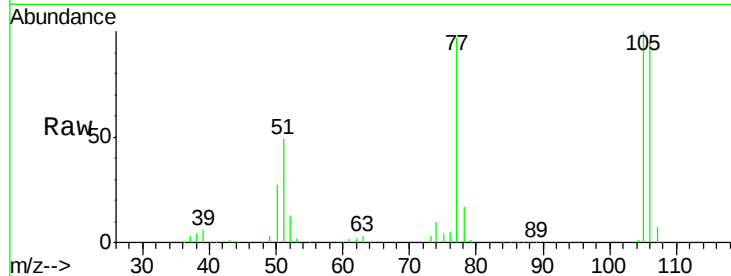
#9
Benzaldehyde
Concen: 17.30 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	103.0	83.9	123.9
106	97.9	77.6	117.6

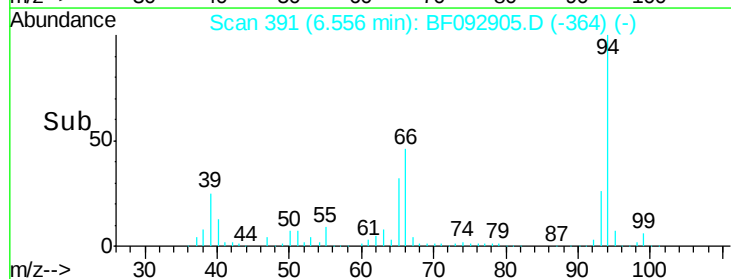
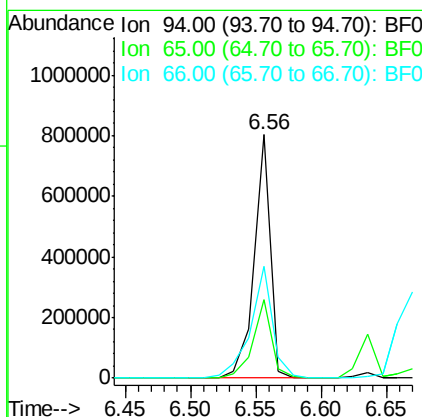
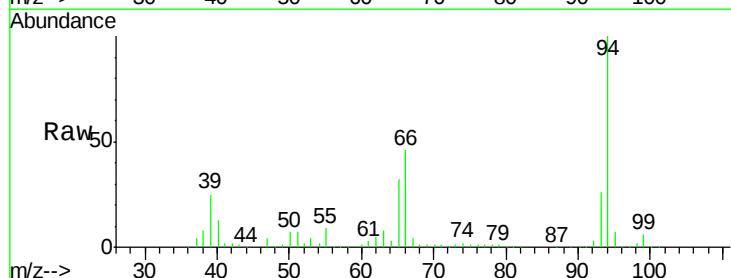
Manual Integrations
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#10
Phenol
Concen: 44.59 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.4	21.4	61.4
66	46.2	44.0	84.0





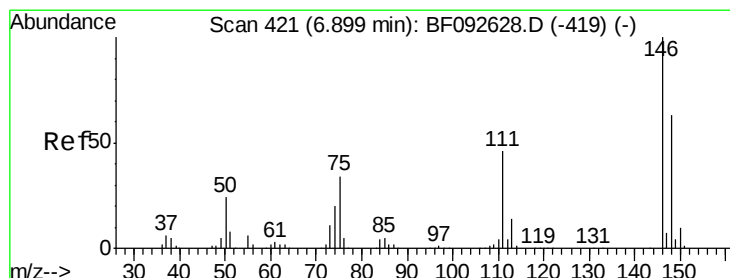
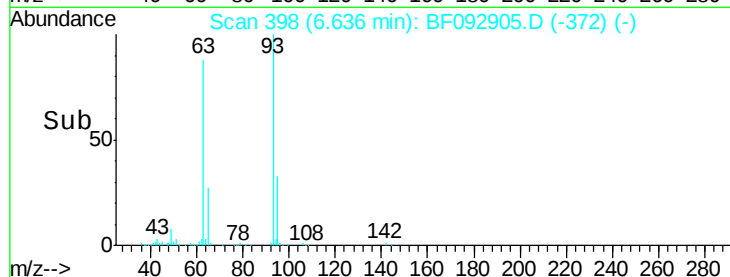
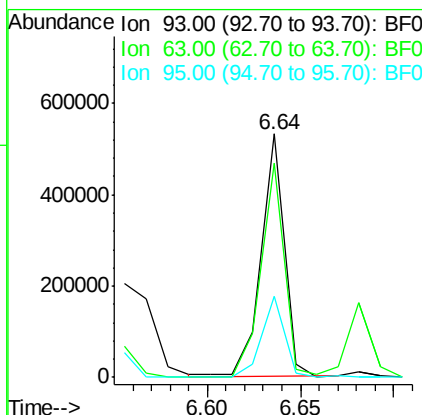
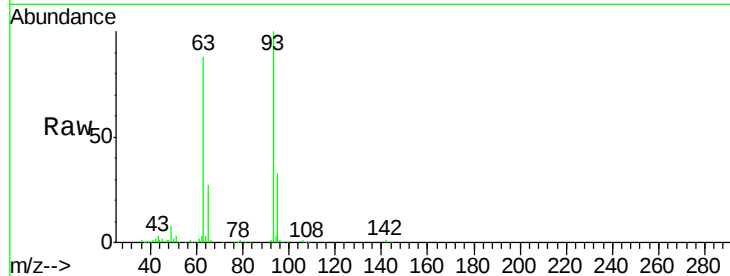
#11
bis(2-Chloroethyl)ether
Concen: 36.16 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	88.0	60.4	100.4
95	33.3	12.8	52.8

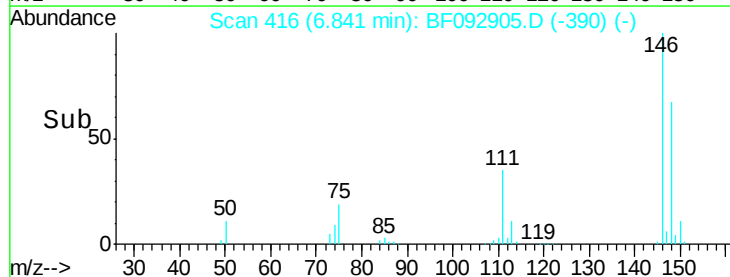
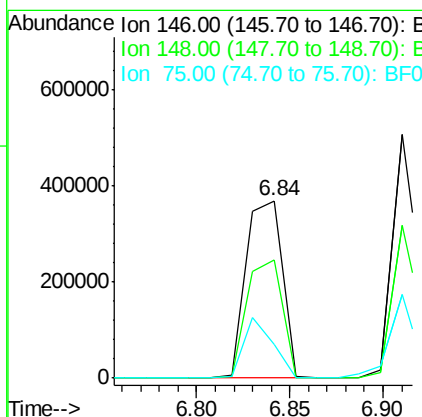
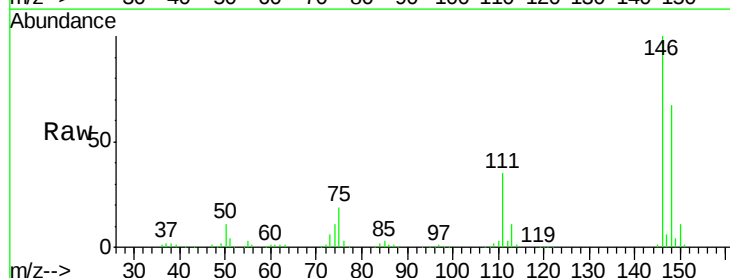
Manual Integrations
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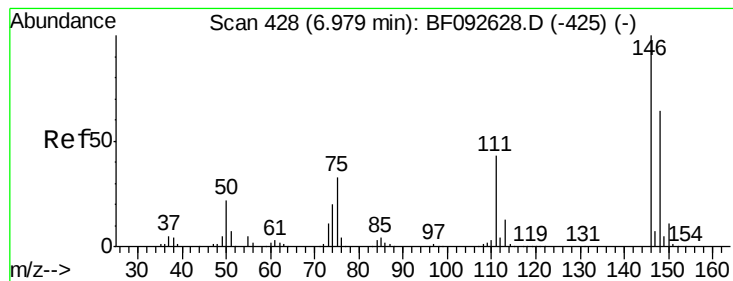
mohammad
2/13/2017 12:41:44 PM



#12
1,3-Dichlorobenzene
Concen: 37.06 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.7	53.4	80.0
75	19.3	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 35.91 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

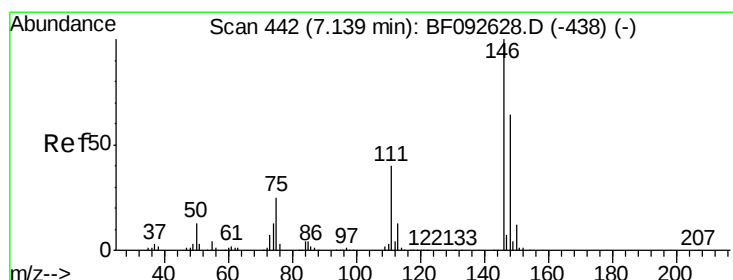
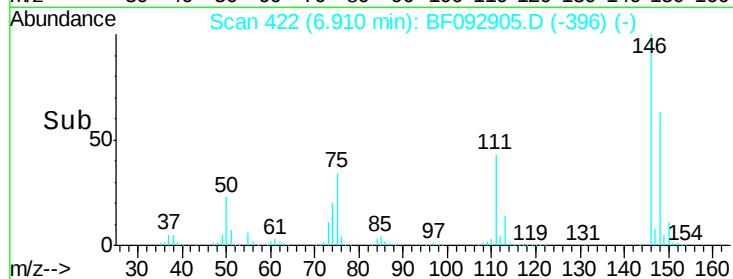
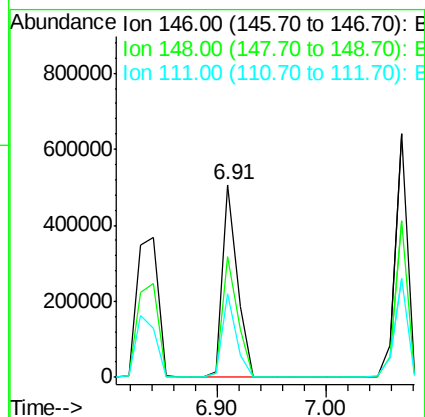
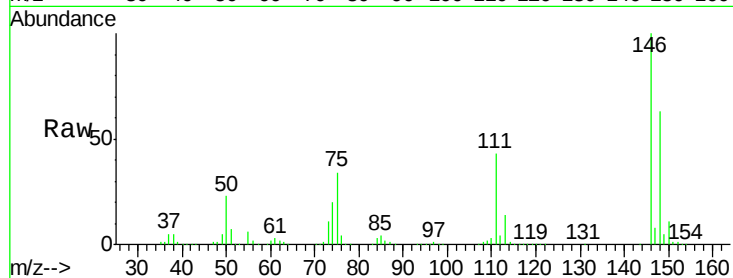
ClientSampleId :

38-SB-02-0-2MSD

Tgt Ion:	146	Resp:	489258
Ion Ratio	Lower	Upper	
146	100		
148	62.6	50.6	76.0
111	43.3	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 39.01 ng

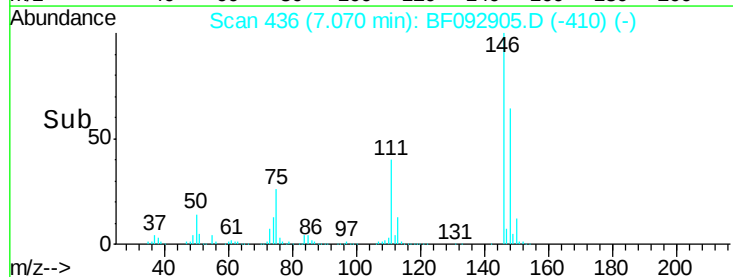
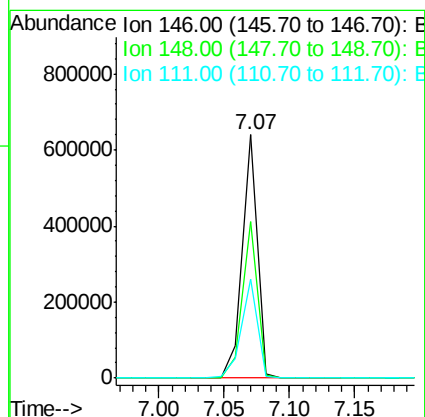
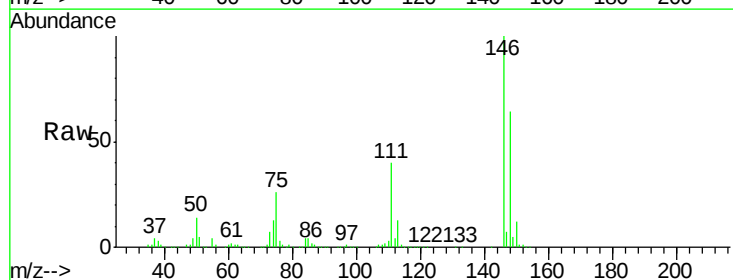
RT: 7.07 min Scan# 436

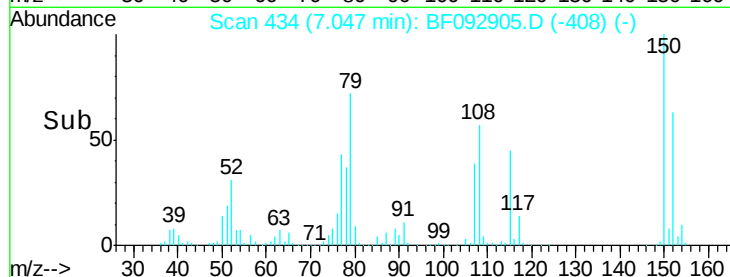
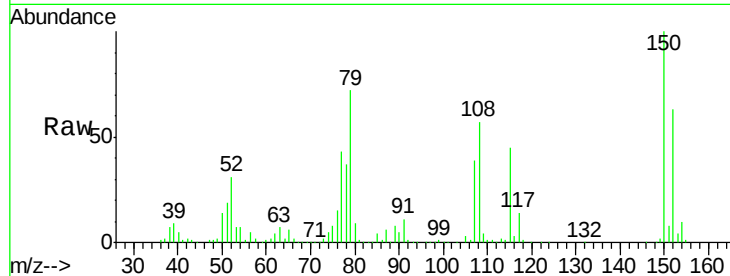
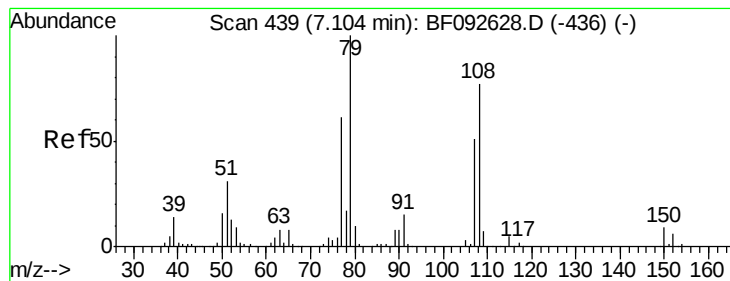
Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Tgt Ion:	146	Resp:	508193
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.2	78.2
111	40.5	36.2	54.2





#15

Benzyl Alcohol

Concen: 41.08 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Tgt Ion:	79	Resp:	407648
Ion Ratio	Lower	Upper	
79	100		
108	79.7	61.4	92.0
77	60.3	50.9	76.3

Instrument :

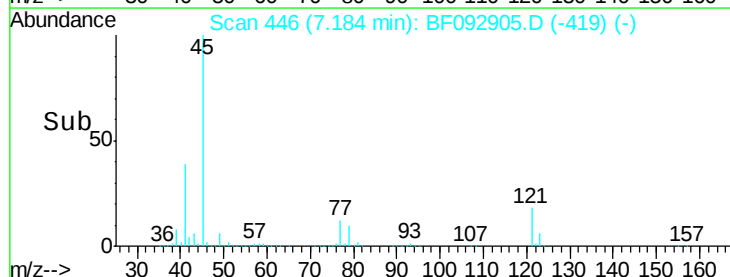
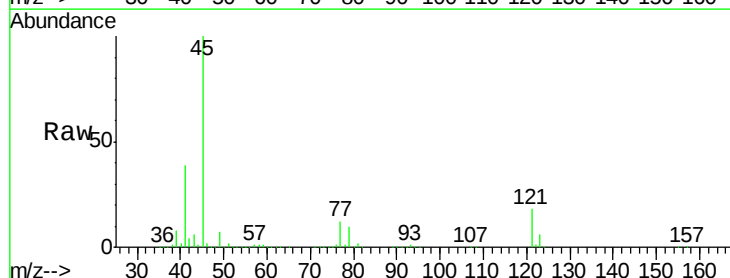
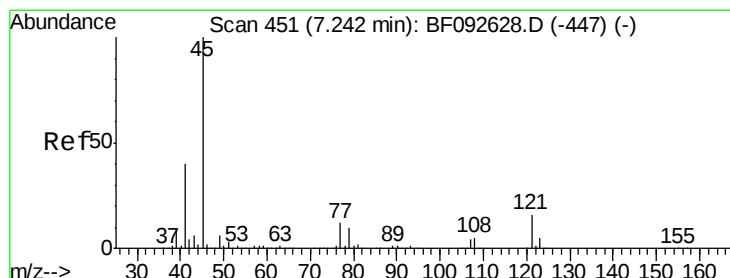
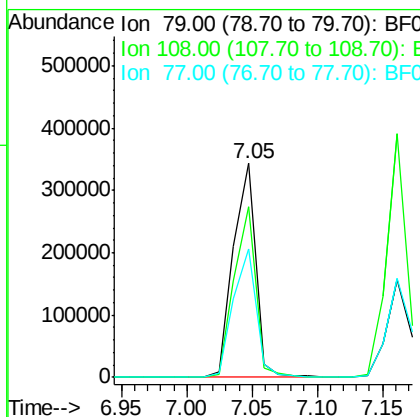
BNA_F

ClientSampleId :

38-SB-02-0-2MSD

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.78 ng

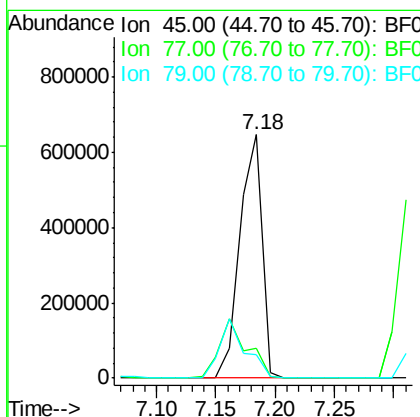
RT: 7.18 min Scan# 446

Delta R.T. 0.01 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Tgt Ion:	45	Resp:	843469
Ion Ratio	Lower	Upper	
45	100		
77	12.3	0.0	34.6
79	9.7	0.0	31.2





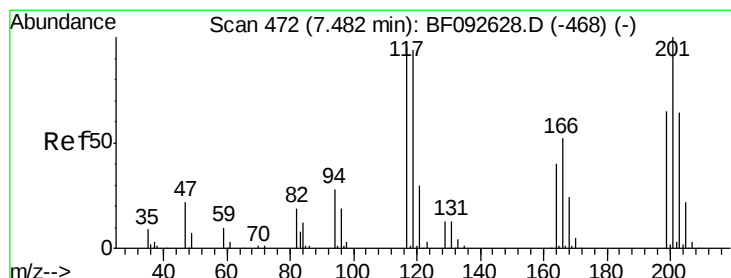
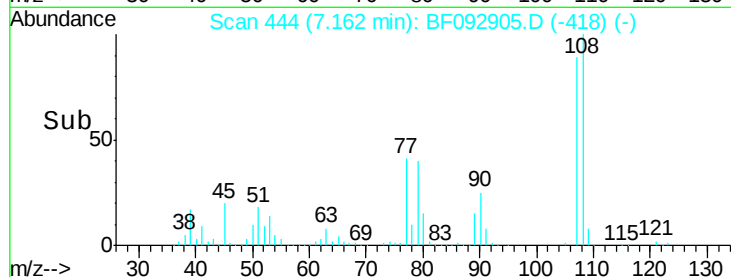
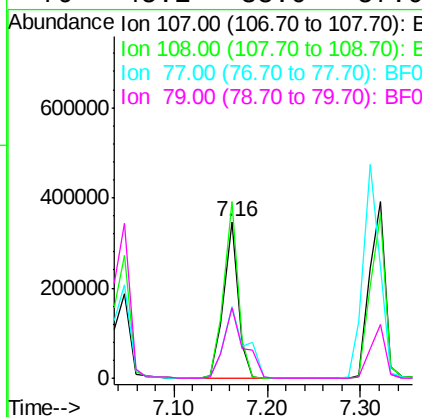
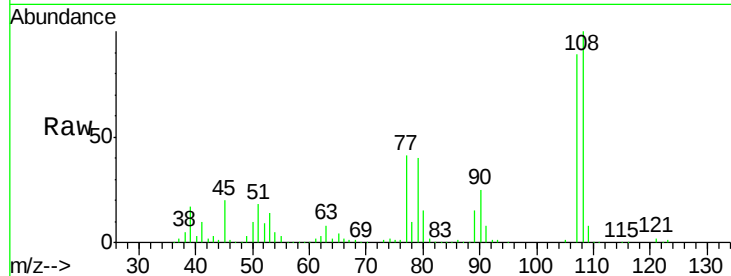
#17
2-Methylphenol
Concen: 38.48 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	379379		
108	112.5	93.0	139.6	
77	45.8	39.8	59.8	
79	45.1	38.0	57.0	

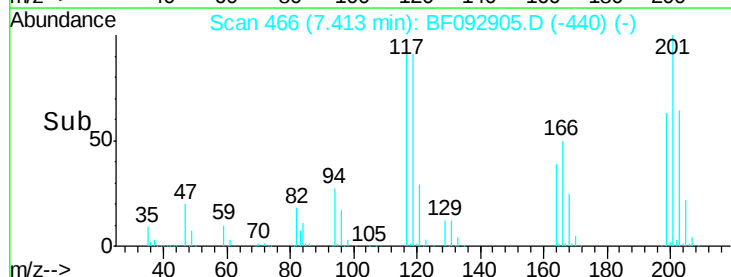
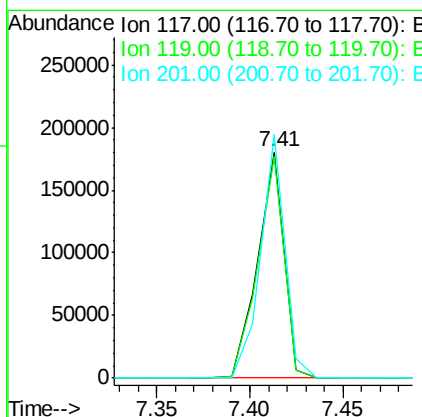
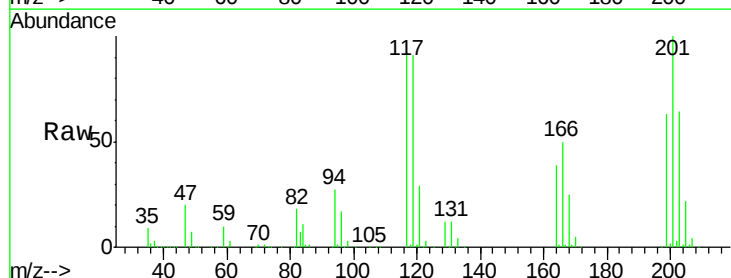
Manual Integrations
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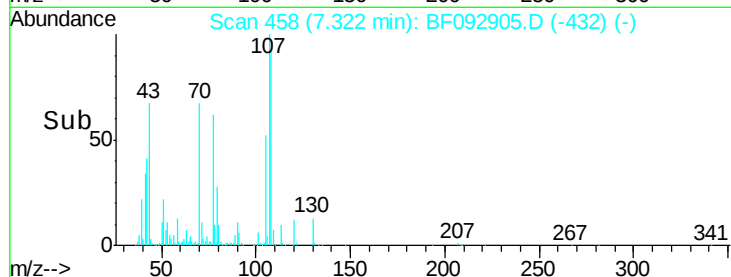
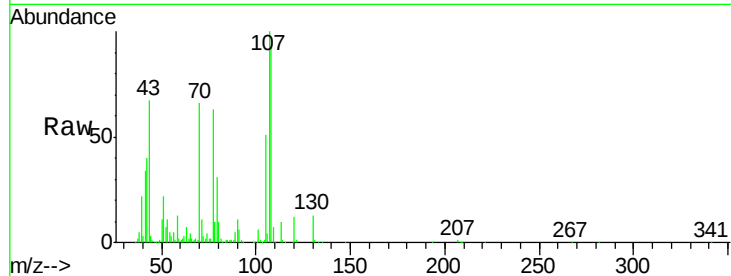
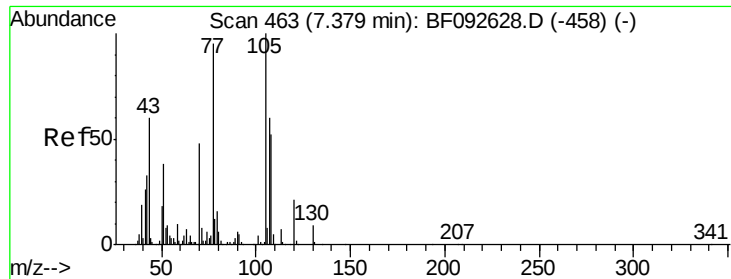
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#18
Hexachloroethane
Concen: 37.46 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	174230		
119	98.5	78.1	117.1	
201	107.8	78.6	117.8	





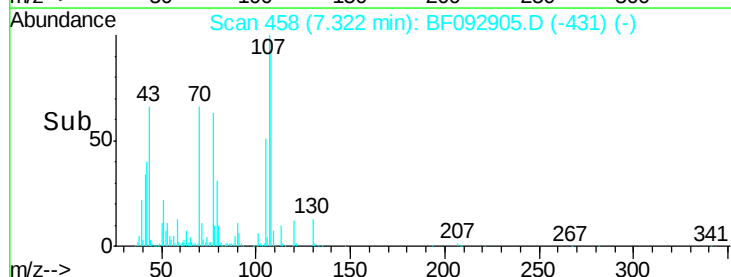
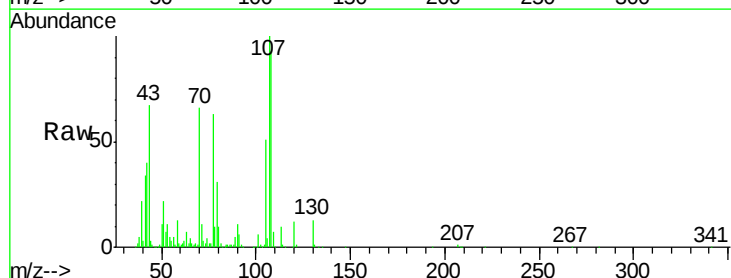
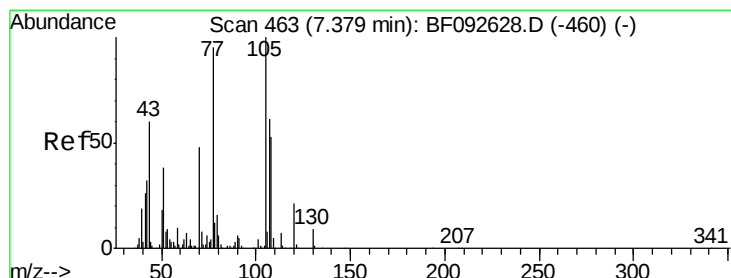
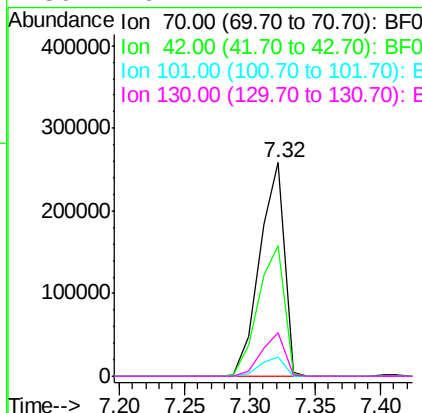
#19
n-Nitroso-di-n-propylamine
Concen: 39.91 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

Manual Integrations
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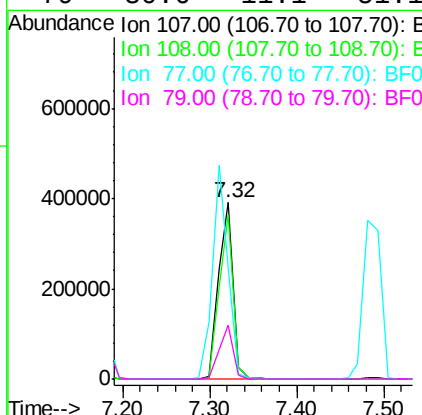
mohammad
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Tgt Ion	Ratio	Resp	Lower	Upper
70	100			
42	61.3	49.4	74.0	
101	9.2	7.4	11.2	
130	20.2	14.2	21.4	



#20
3+4-Methylphenols
Concen: 39.52 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	93.2	73.0	113.0	
77	63.2	71.3	111.3	
79	30.6	11.1	51.1	





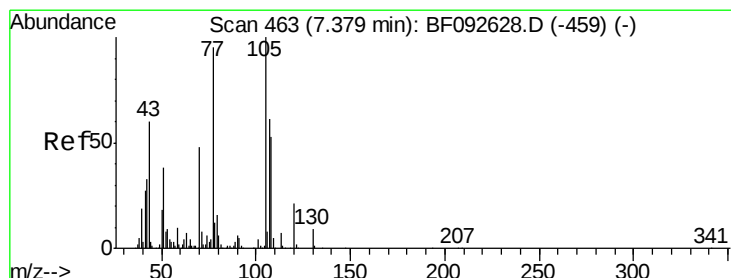
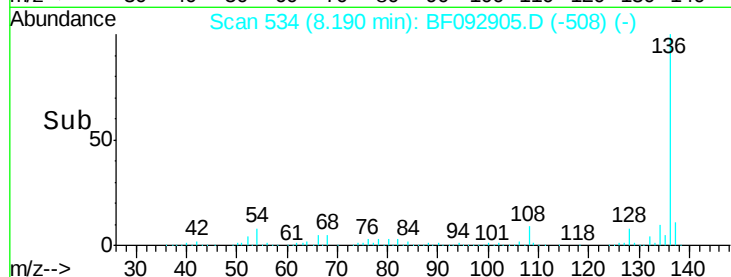
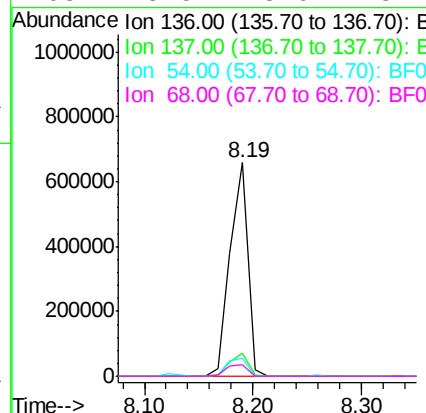
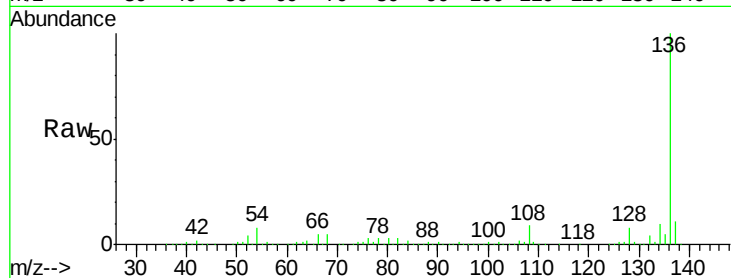
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	742454		
137	10.9	8.4	12.6	
54	8.3	4.5	6.7#	
68	5.5	3.6	5.4#	

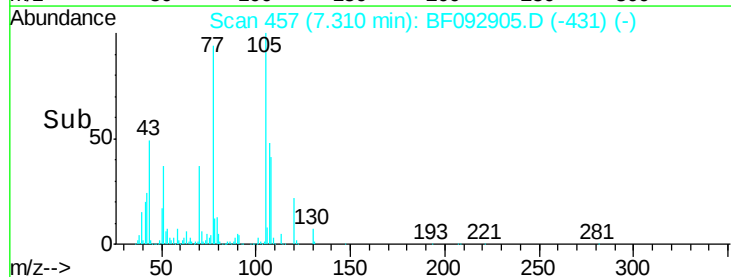
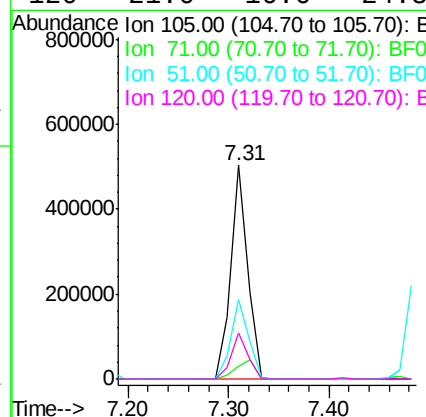
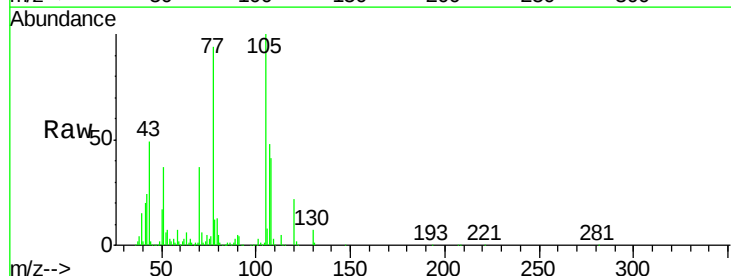
Manual Integrations
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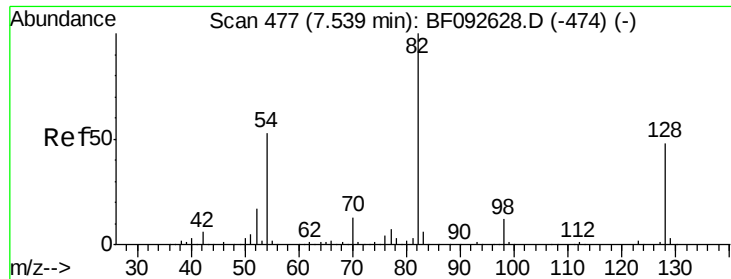
mohammad
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#22
Acetophenone
Concen: 34.69 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	588019		
71	6.0	3.2	4.8#	
51	37.3	26.2	39.4	
120	21.6	16.6	24.8	





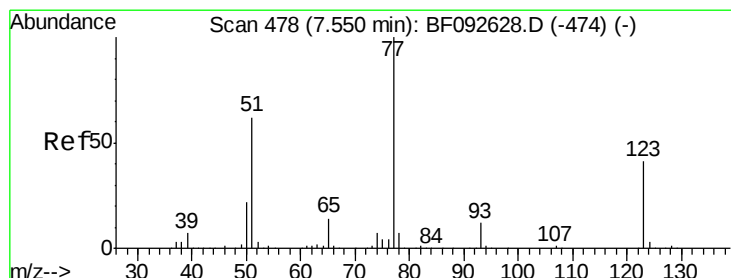
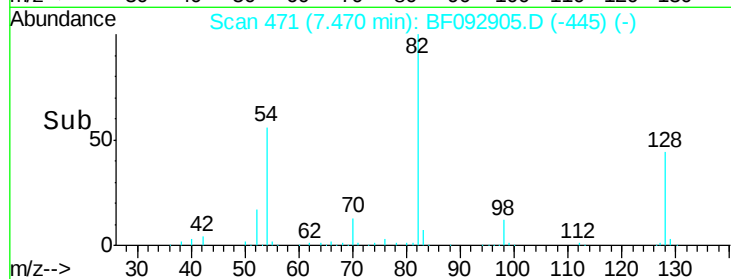
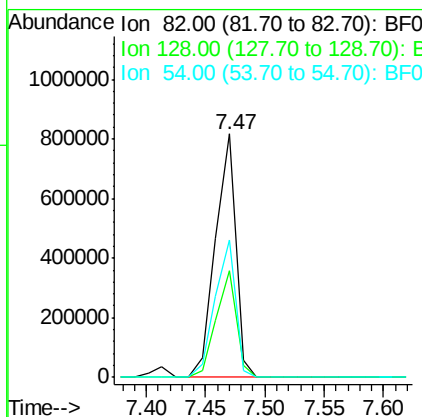
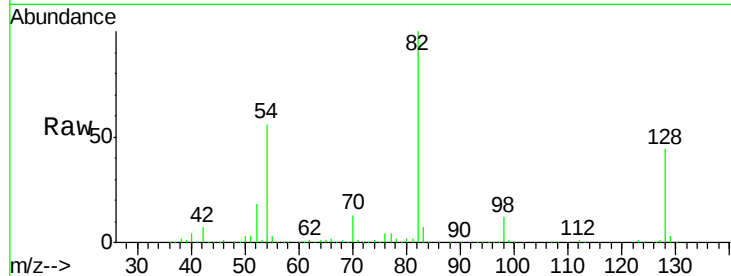
#23
 Nitrobenzene-d5
 Concen: 72.37 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-02-0-2MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	43.9	34.6	52.0
54	56.4	39.5	59.3

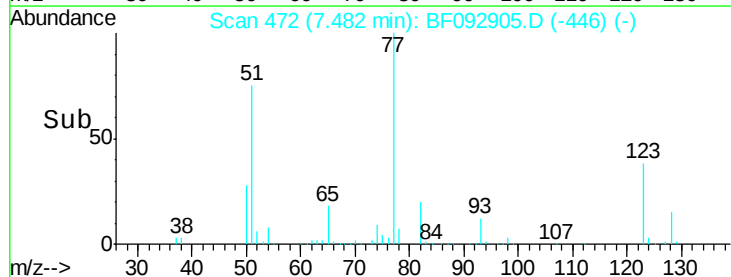
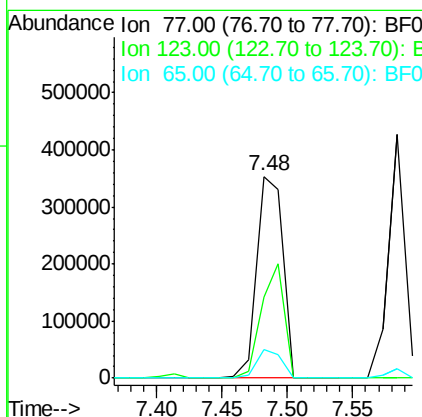
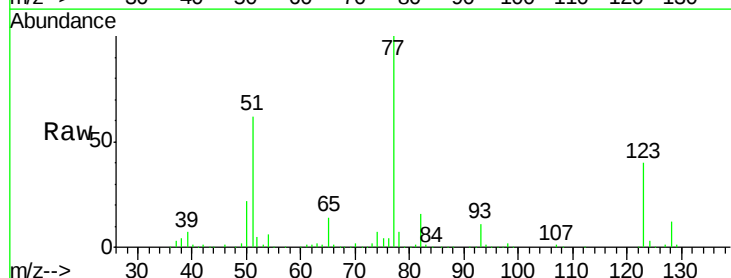
Manual Integrations
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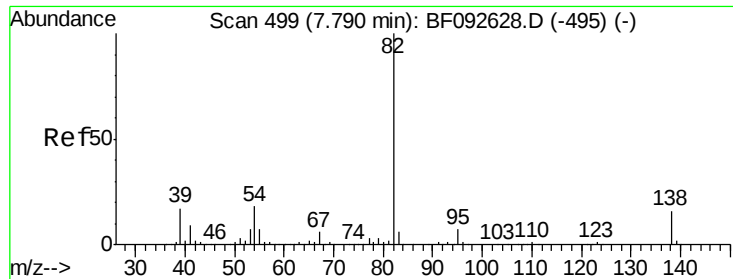
mohammad
 2/13/2017 12:41:44 PM



#24
 Nitrobenzene
 Concen: 36.06 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	40.0	33.0	49.4
65	14.1	11.2	16.8





#25

Isophorone

Concen: 36.55 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

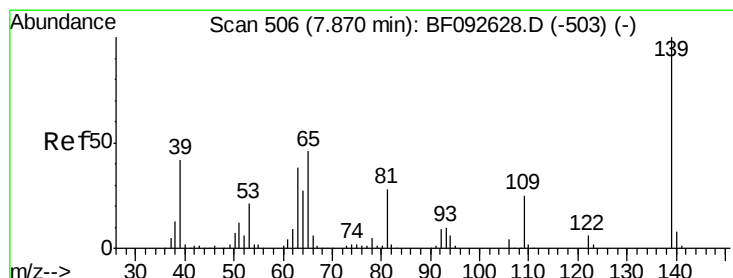
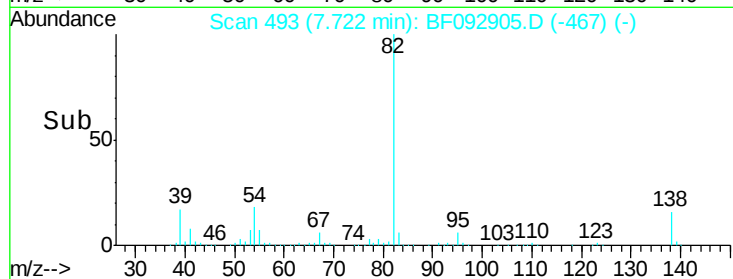
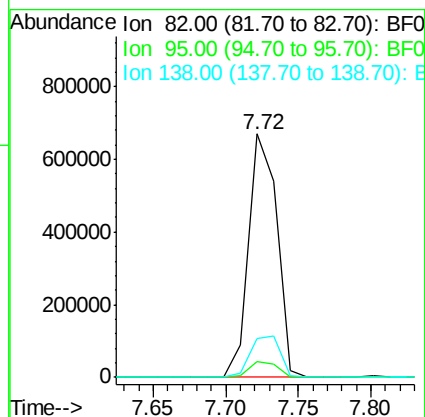
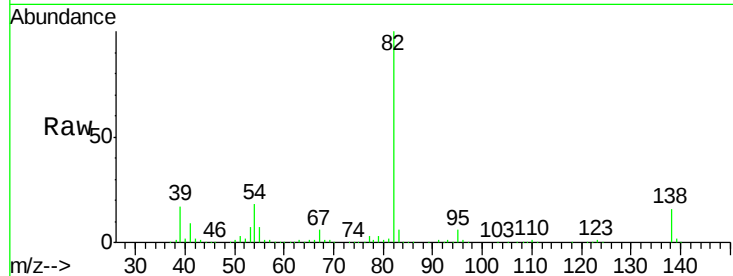
ClientSampleId :

38-SB-02-0-2MSD

Tgt Ion:	82	Resp:	908102
Ion Ratio		Lower	Upper
82	100		
95	6.4	5.6	8.4
138	15.9	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 36.08 ng

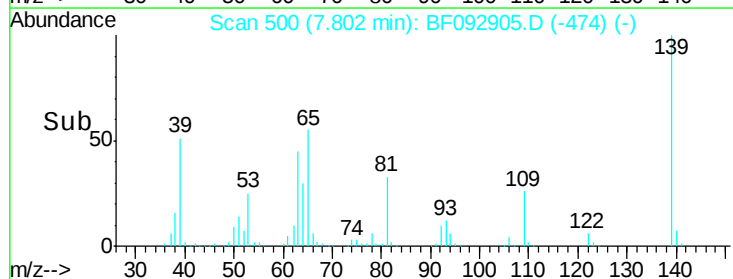
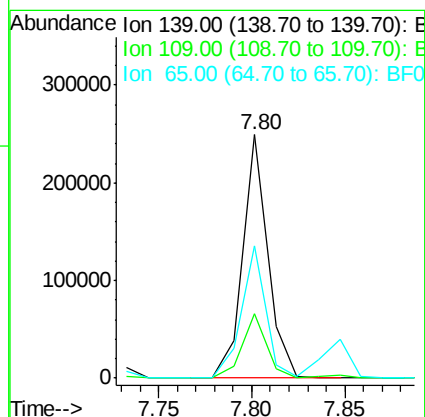
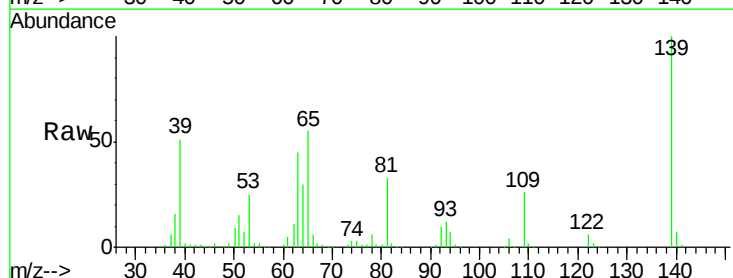
RT: 7.80 min Scan# 500

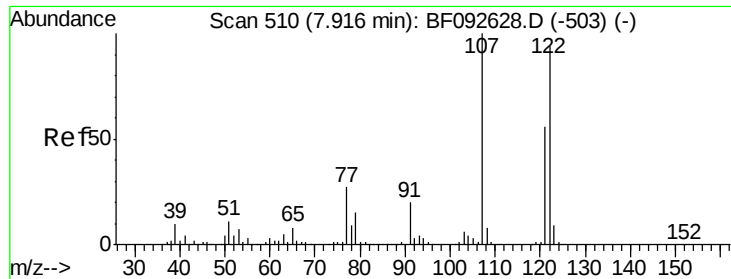
Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Tgt Ion:	139	Resp:	234819
Ion Ratio		Lower	Upper
139	100		
109	26.3	23.3	34.9
65	54.6	42.7	64.1





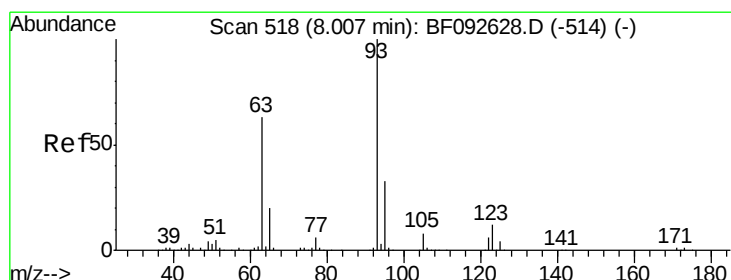
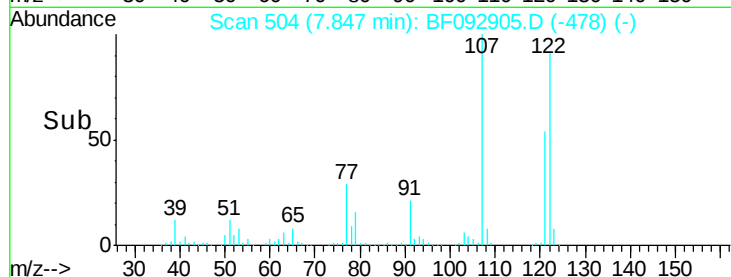
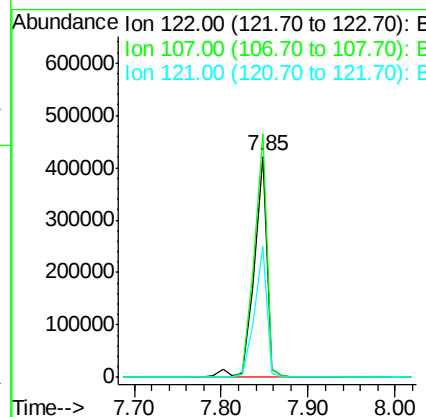
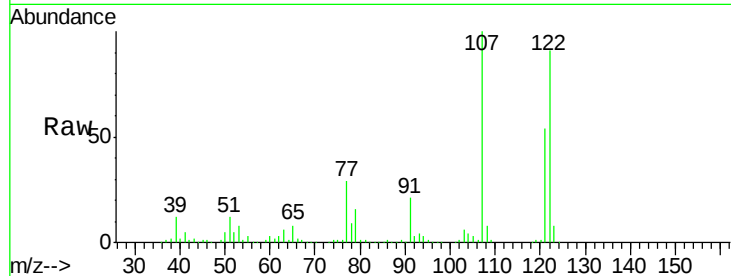
#27
2,4-Dimethylphenol
Concen: 38.60 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	441177		
107	110.1	94.1	141.1	
121	59.3	46.0	69.0	

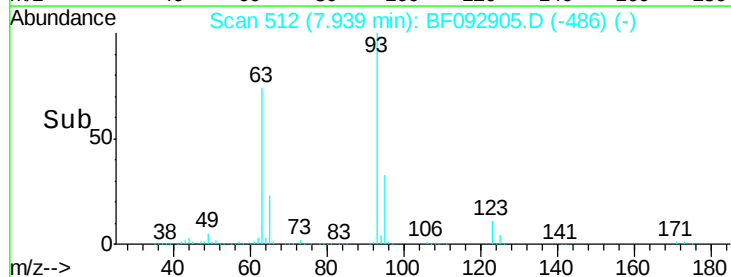
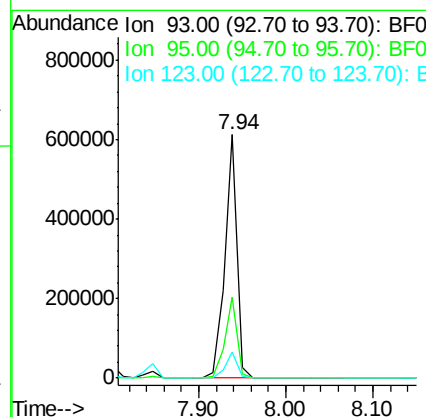
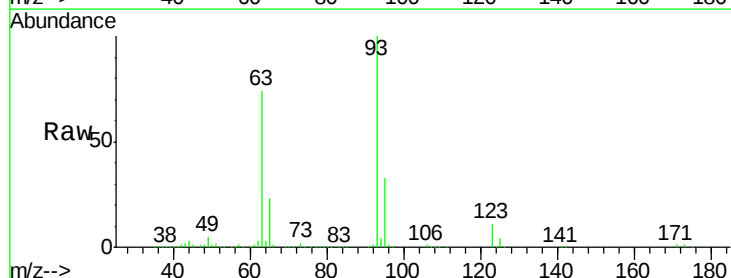
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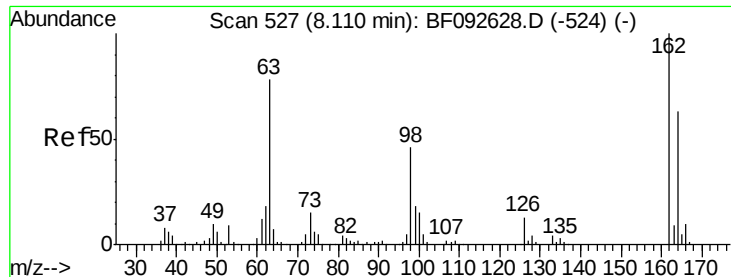
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#28
bis(2-Chloroethoxy)methane
Concen: 36.50 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	600583		
95	33.1	26.5	39.7	
123	10.6	8.6	13.0	





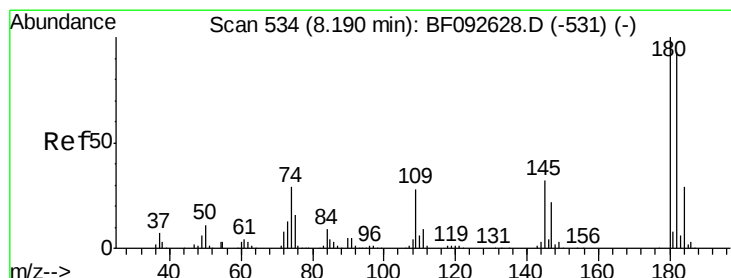
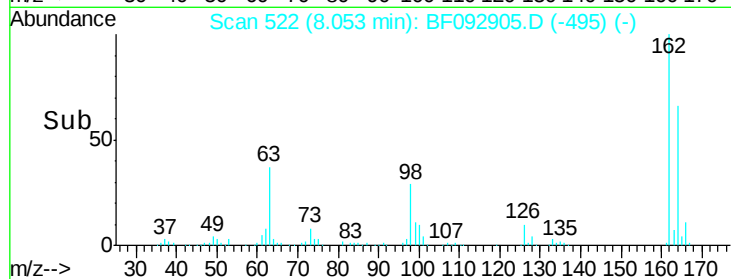
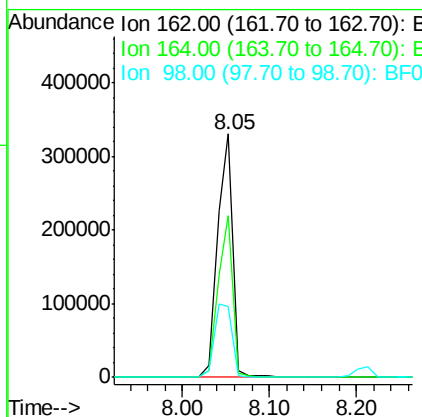
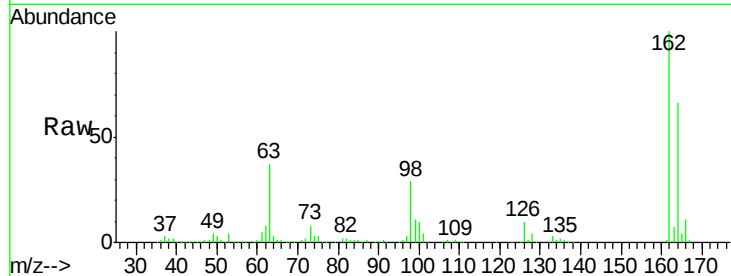
#29
2,4-Dichlorophenol
Concen: 38.12 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.01 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.4	46.8	86.8
98	29.1	9.1	49.1

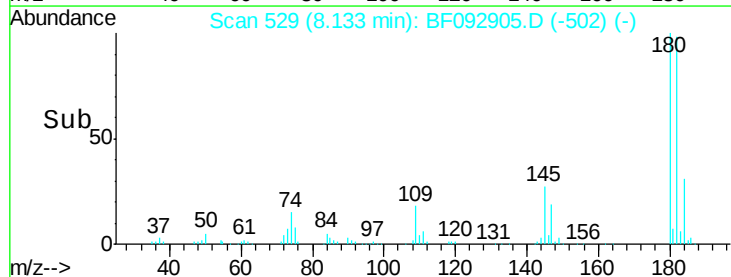
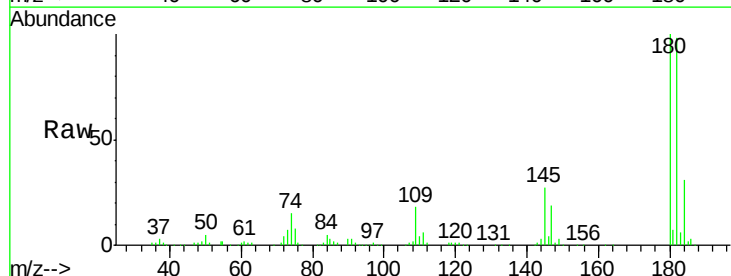
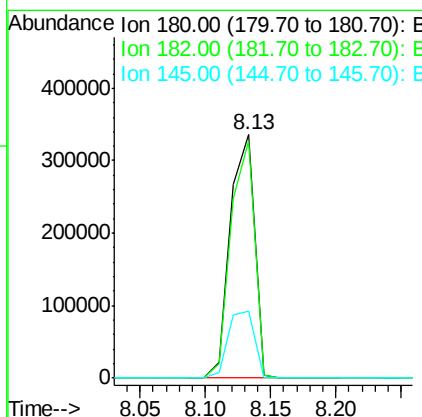
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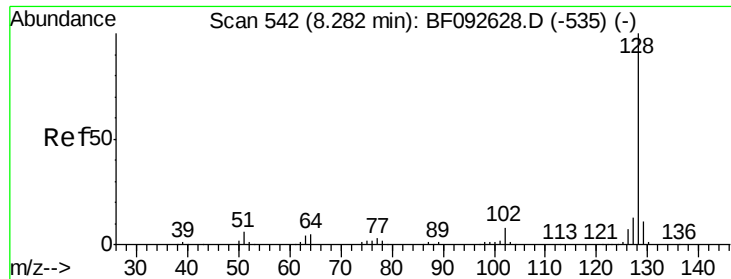
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#30
1,2,4-Trichlorobenzene
Concen: 37.57 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.01 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.5	78.2	117.4
145	27.3	21.6	32.4





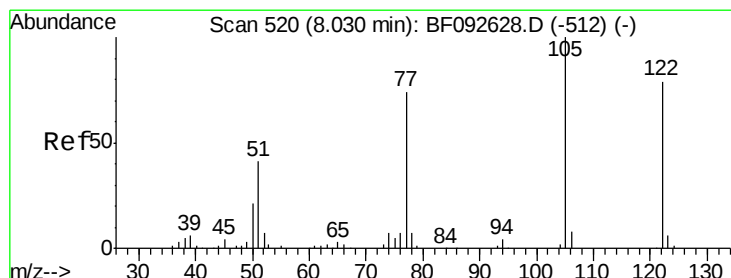
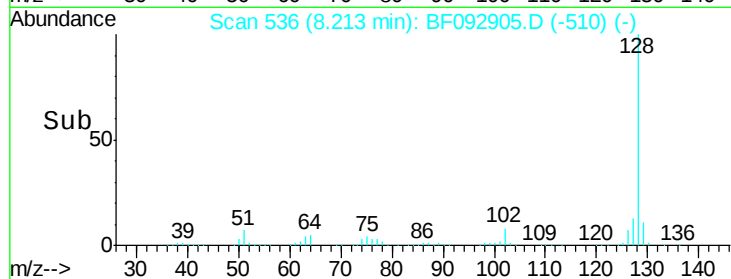
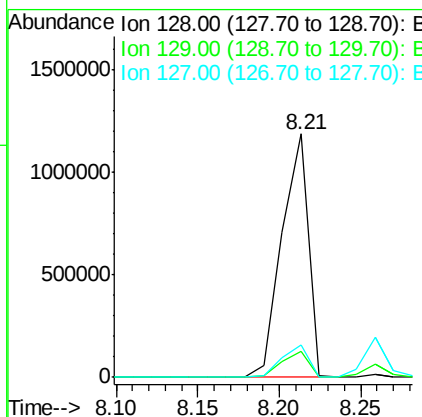
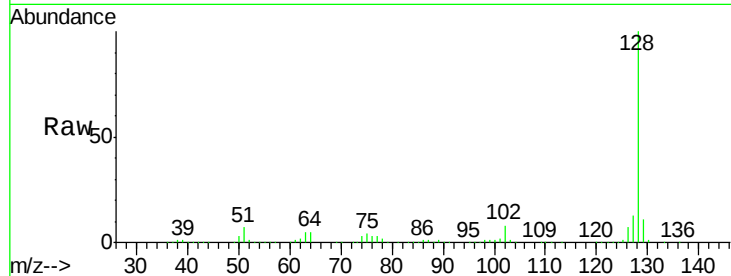
#31
Naphthalene
Concen: 35.89 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

Tgt Ion:128 Resp: 1350949
Ion Ratio Lower Upper
128 100
129 10.8 9.5 14.3
127 13.3 10.8 16.2

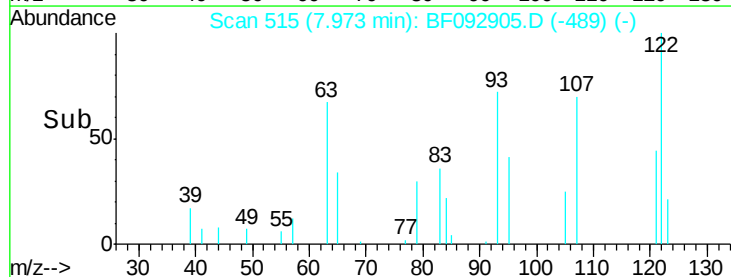
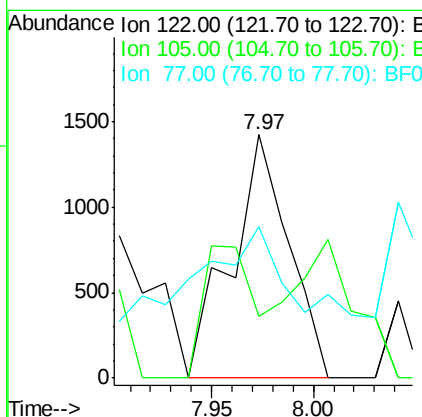
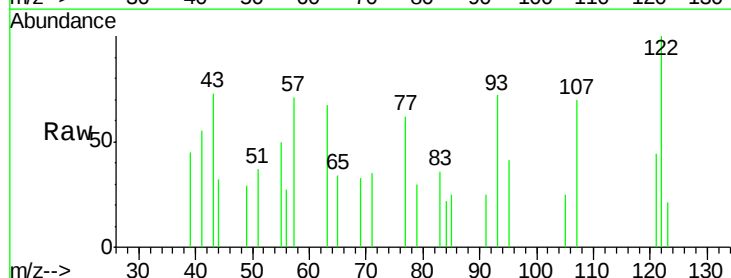
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#32
Benzoic acid
Concen: 7.53 ng m
RT: 7.97 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion:122 Resp: 2793
Ion Ratio Lower Upper
122 100
105 25.4 107.2 147.2#
77 62.0 74.5 114.5#





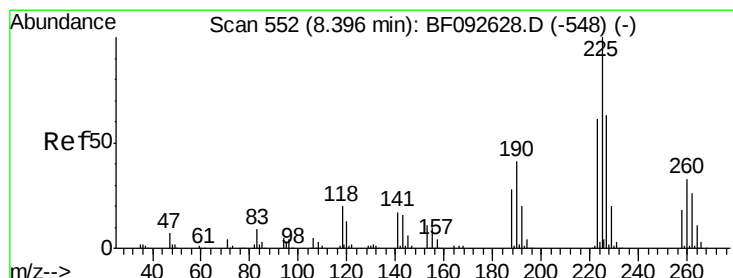
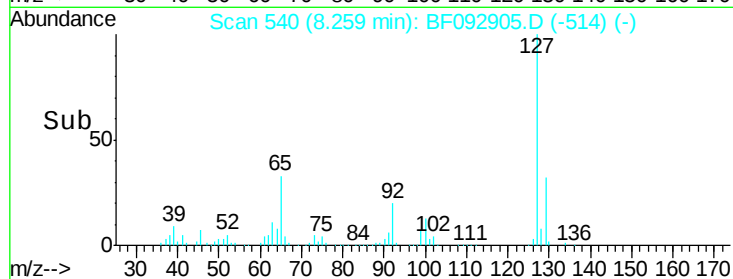
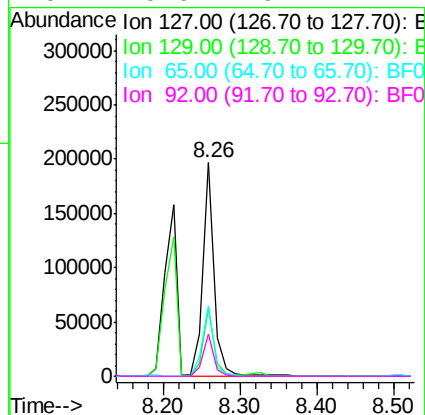
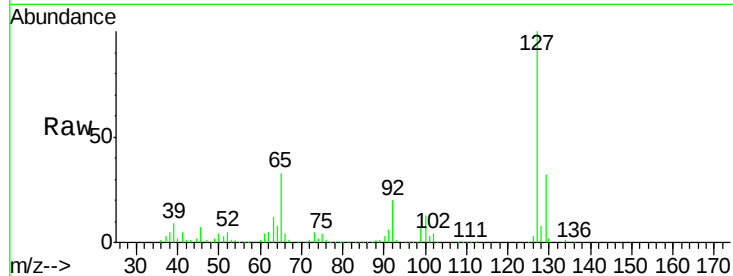
#33
4-Chloroaniline
Concen: 13.47 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	198804		
129	31.9	26.3	39.5	
65	33.0	25.8	38.8	
92	19.9	16.1	24.1	

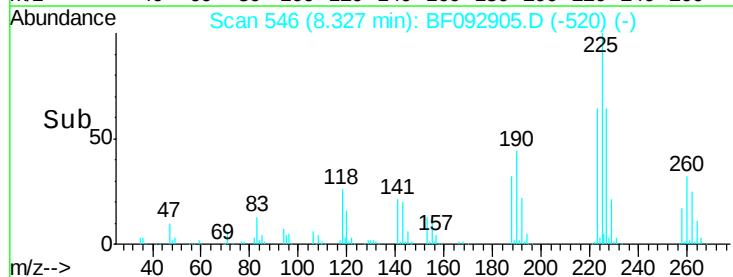
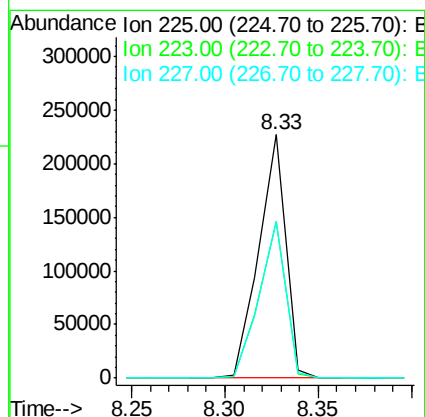
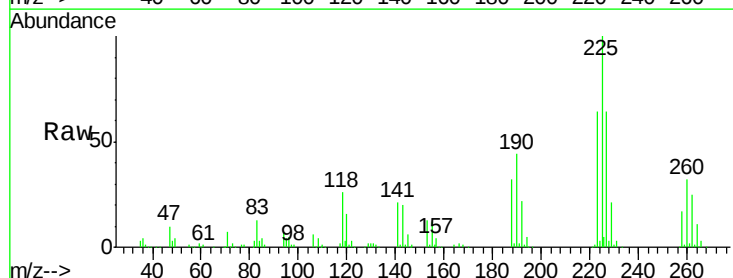
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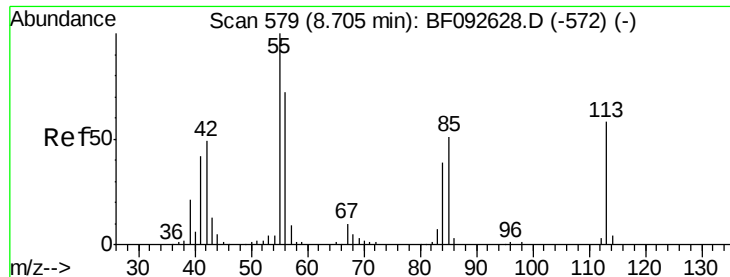
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#34
Hexachlorobutadiene
Concen: 35.93 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	227052		
223	64.4	51.0	76.6	
227	64.4	50.6	76.0	





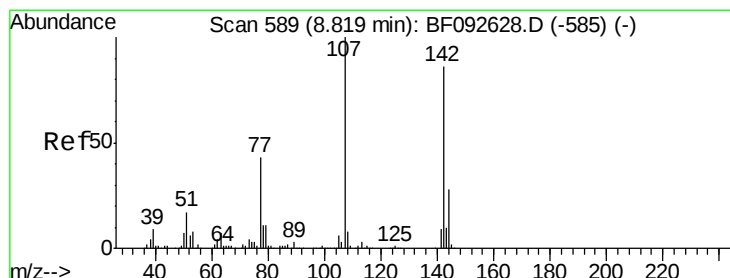
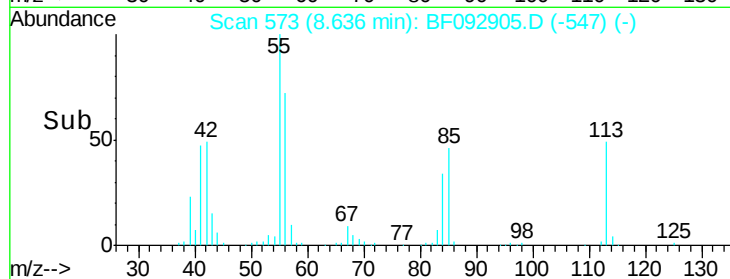
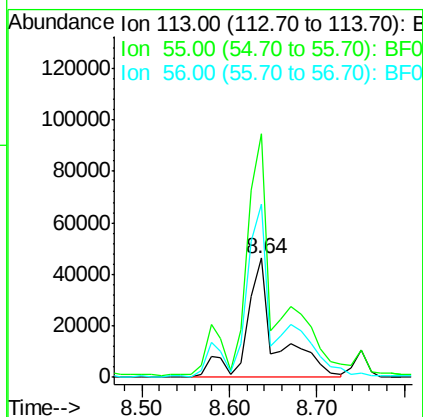
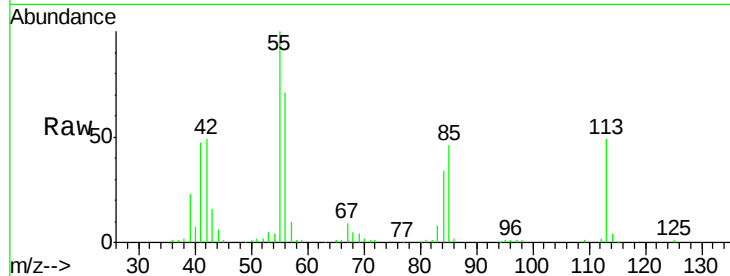
#35
 Caprolactam
 Concen: 33.44 ng m
 RT: 8.64 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-02-0-2MSD

Tgt Ion:113 Resp: 112114
 Ion Ratio Lower Upper
 113 100
 55 204.0 119.2 159.2#
 56 145.0 83.8 123.8#

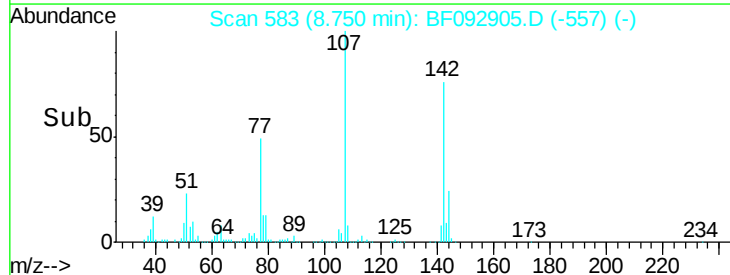
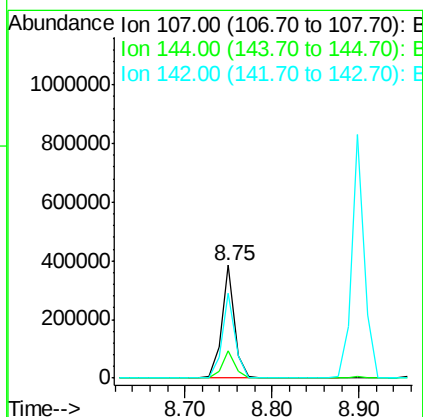
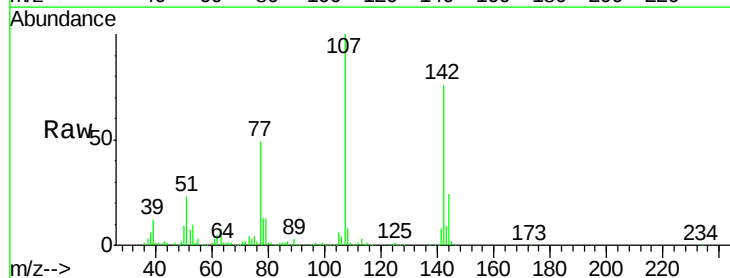
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#36
 4-Chloro-3-methylphenol
 Concen: 35.87 ng
 RT: 8.75 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

Tgt Ion:107 Resp: 398655
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.3 28.9
 142 75.5 59.0 88.6





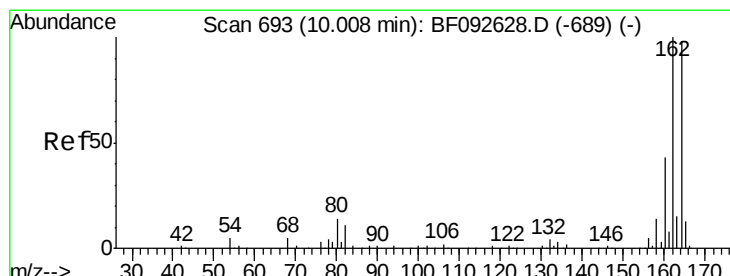
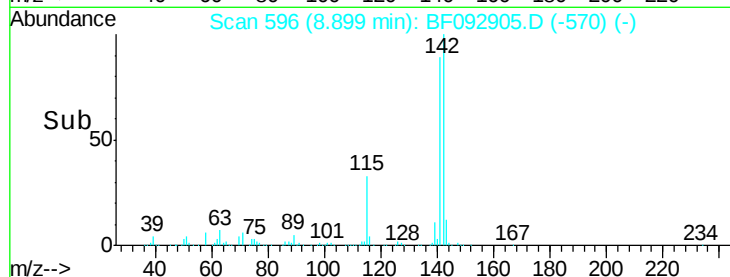
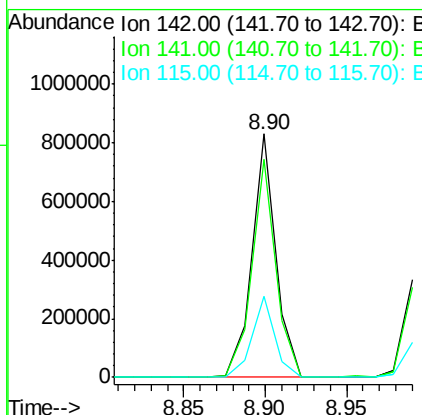
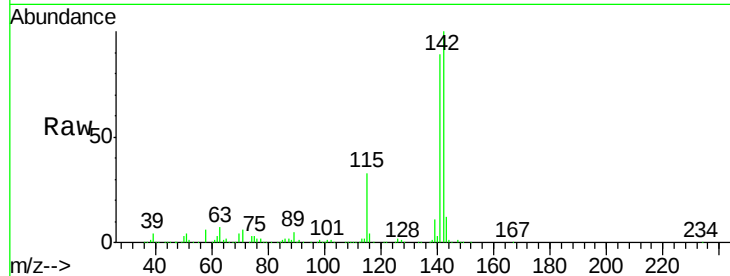
#37
2-Methylnaphthalene
Concen: 35.00 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	845787		
141	89.4	71.0	106.6	
115	33.3	28.3	42.5	

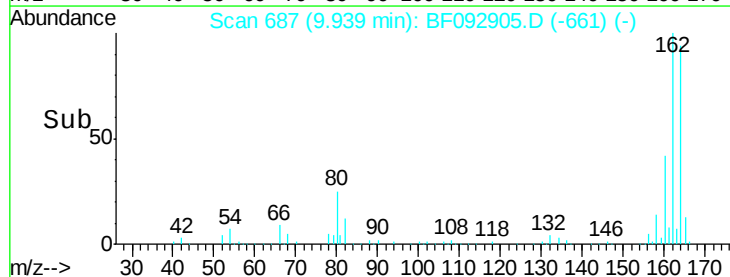
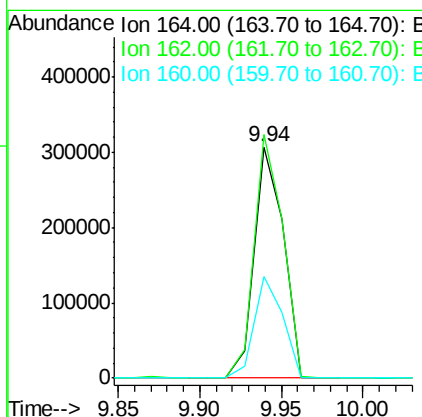
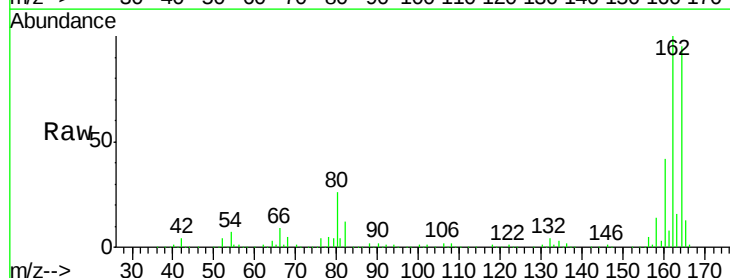
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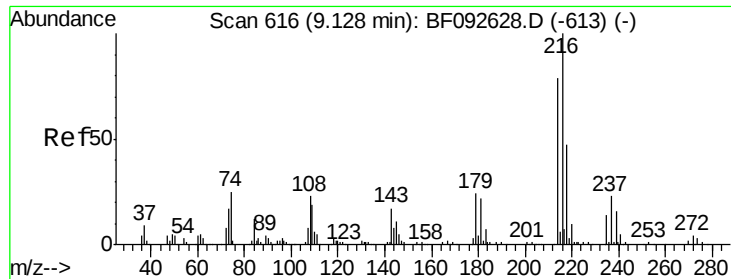
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	382143		
162	105.2	80.2	120.2	
160	44.0	36.9	55.3	





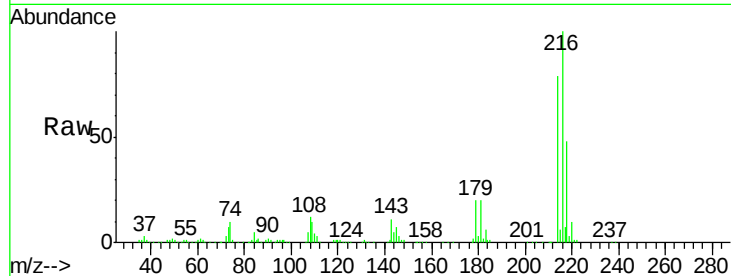
#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.61 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.0
179	21.8	17.4	26.2
108	17.9	15.6	23.4

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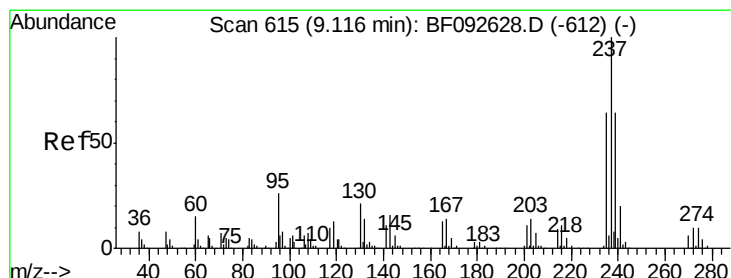
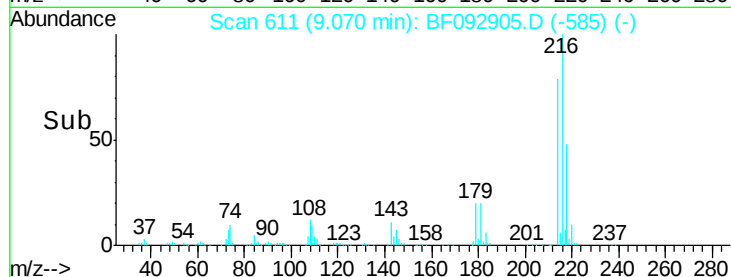
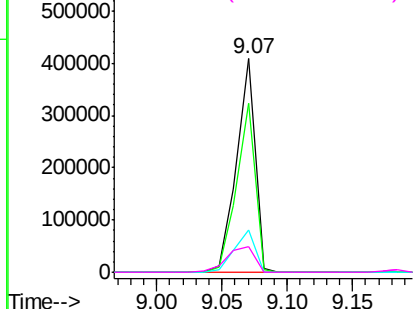
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

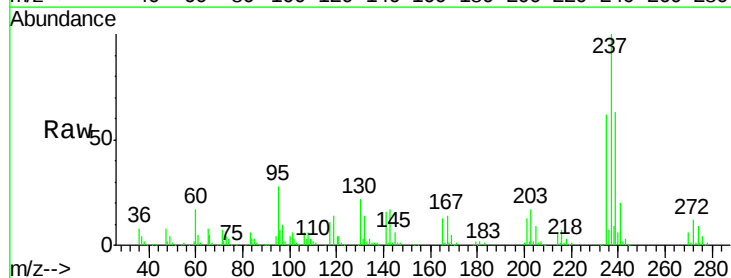
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
Hexachlorocyclopentadiene
Concen: 53.64 ng
RT: 9.05 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.2	41.2	81.2
272	11.7	0.0	35.4

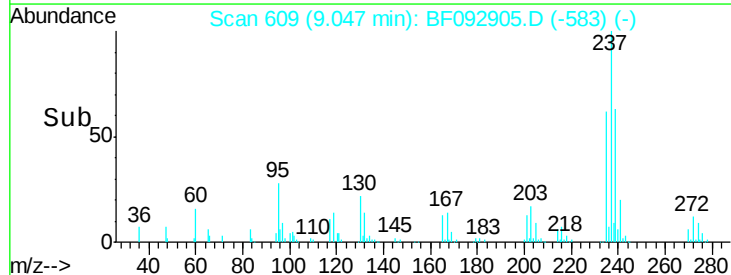
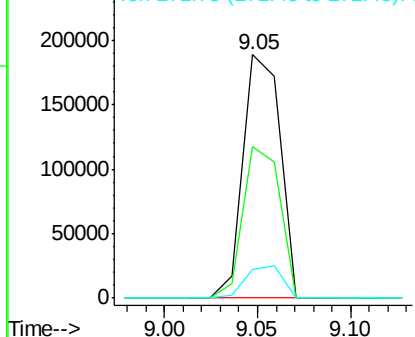


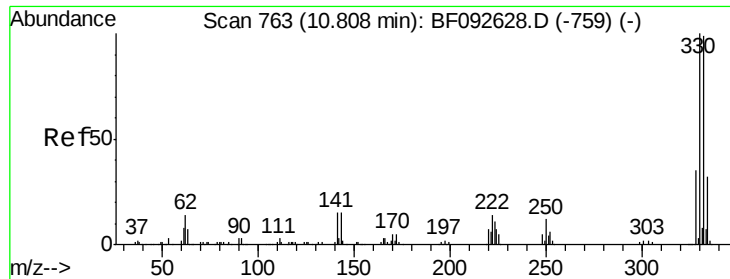
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





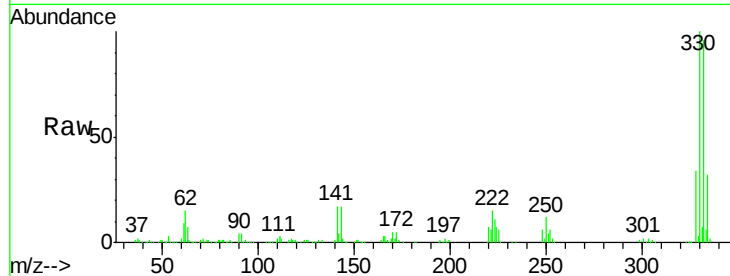
#41
 2,4,6-Tribromophenol
 Concen: 117.07 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-02-0-2MSD

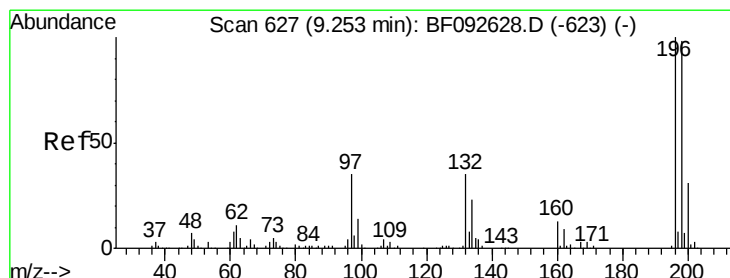
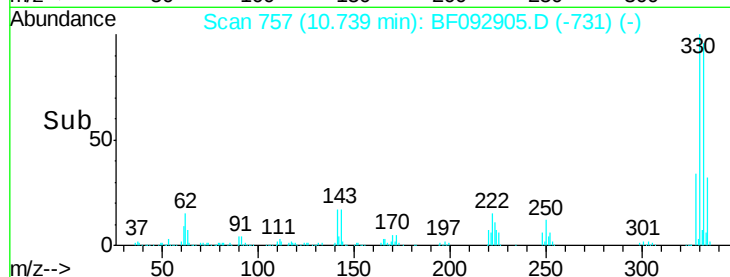
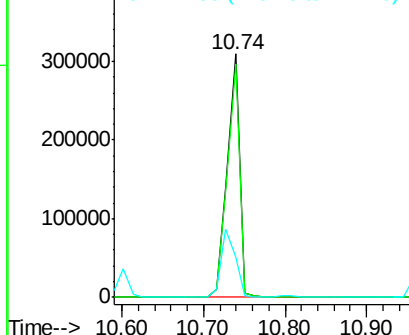
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	323570		
332	95.8	77.4	116.2	
141	32.4	34.1	51.1#	

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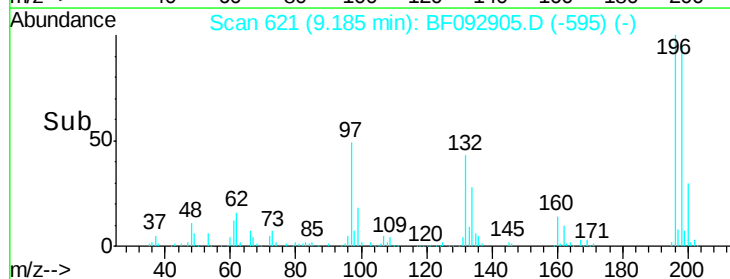
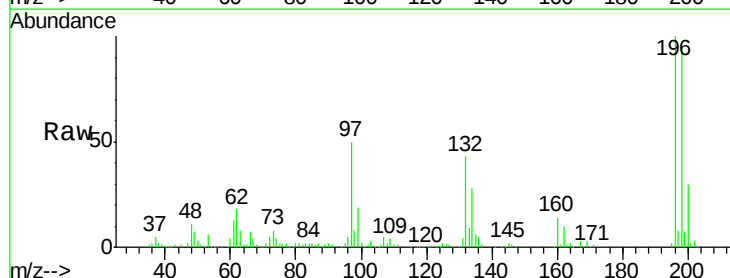
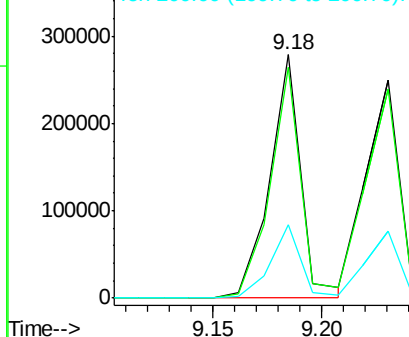
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

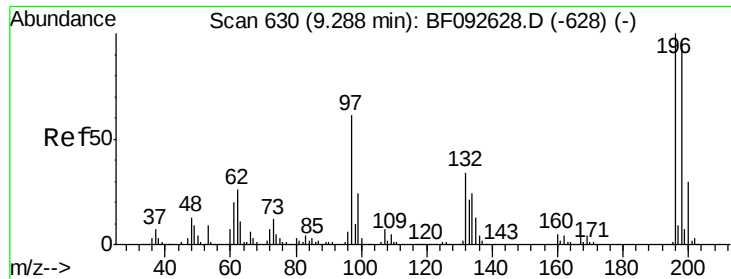


#42
 2,4,6-Trichlorophenol
 Concen: 39.45 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	278095		
198	94.7	82.1	123.1	
200	30.3	27.0	40.4	

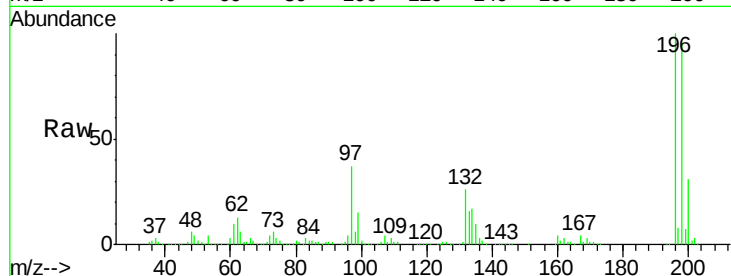
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 34.65 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

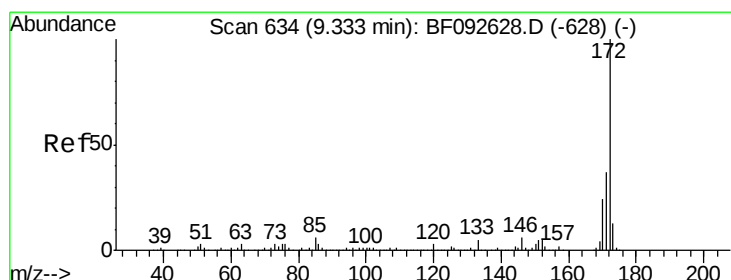
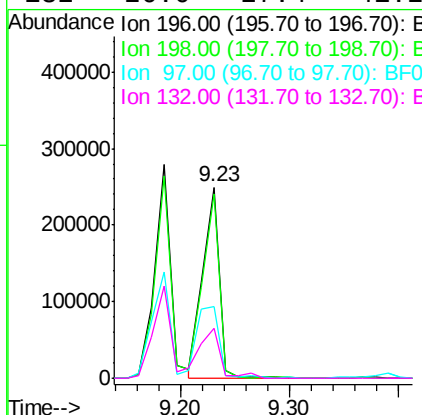
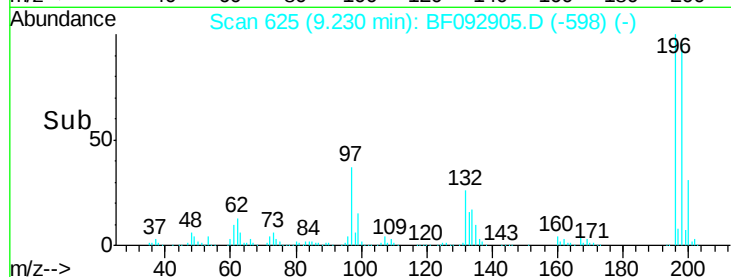
Instrument :
 BNA_F
 ClientSampleId :
 38-SB-02-0-2MSD



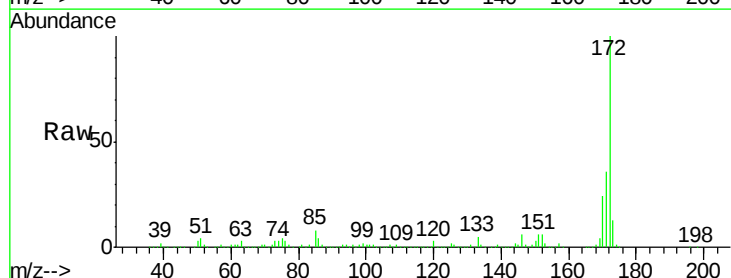
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	267566		
198	96.4	79.4	119.2	
97	37.5	51.5	77.3	
132	26.0	27.4	41.2	

Manual Integrations
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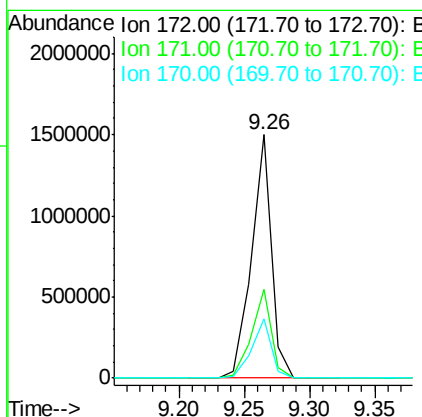
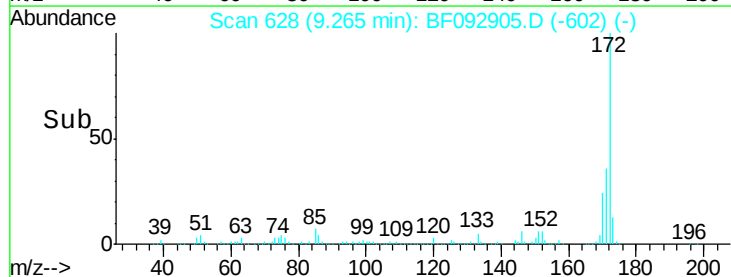
mohammad
 2/13/2017 12:41:44 PM



#44
 2-Fluorobiphenyl
 Concen: 75.48 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1592114		
171	36.3	29.4	44.0	
170	24.2	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 38.78 ng

RT: 9.37 min Scan# 637

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

Tgt Ion:154 Resp: 1073012

Ion Ratio Lower Upper

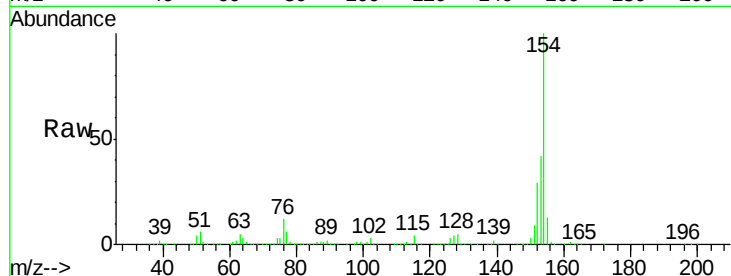
154 100

153 41.7 20.9 60.9

76 12.1 0.0 30.5

Manual Integrations
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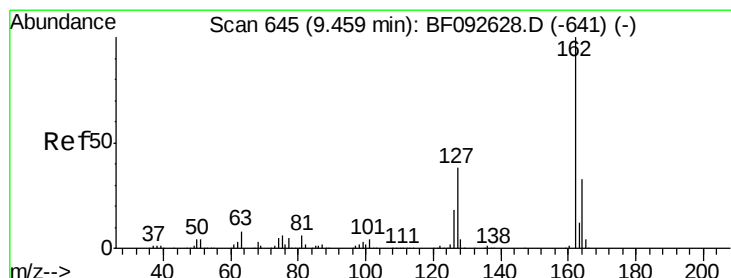
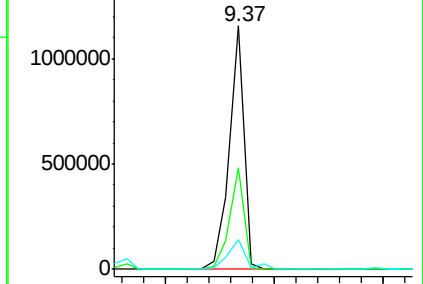
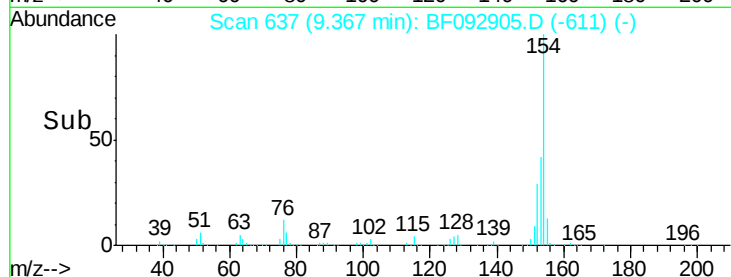
mohammad
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.07 ng

RT: 9.39 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

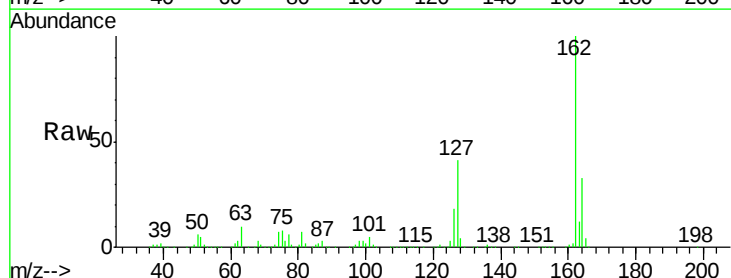
Tgt Ion:162 Resp: 802488

Ion Ratio Lower Upper

162 100

127 40.8 30.7 46.1

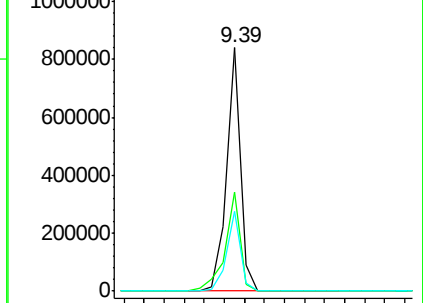
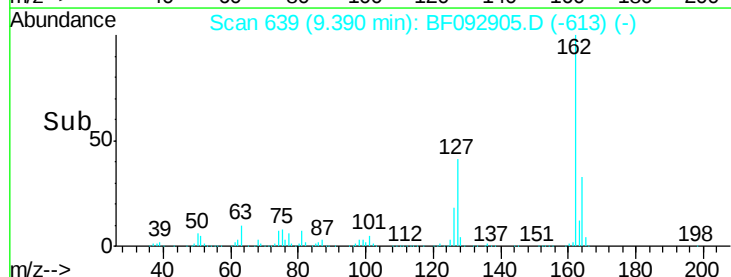
164 32.9 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





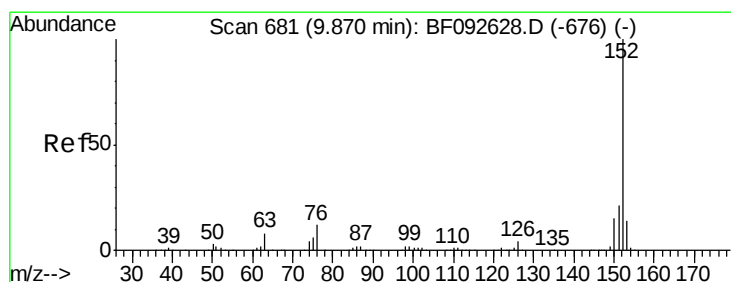
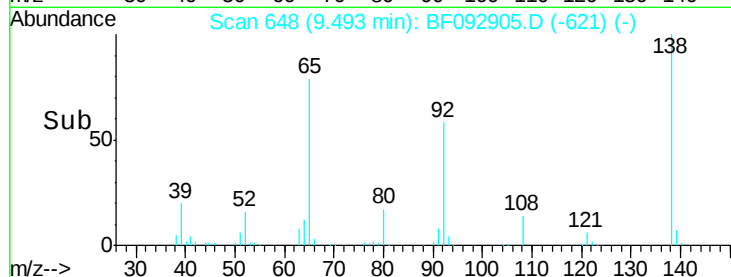
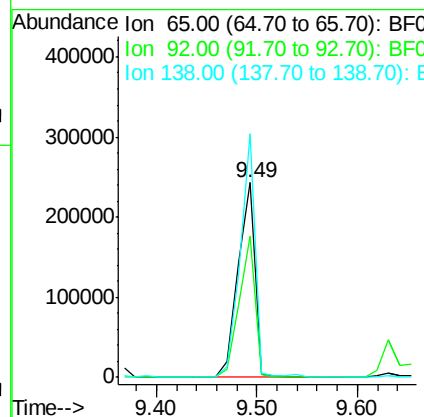
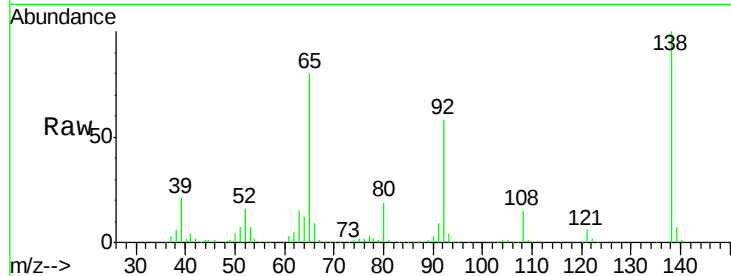
#47
2-Nitroaniline
Concen: 38.84 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.9	53.9	80.9
138	125.1	76.8	115.2

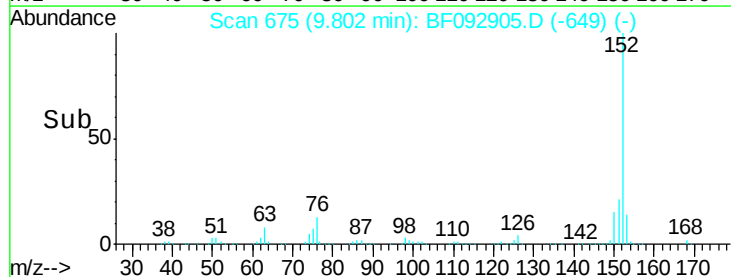
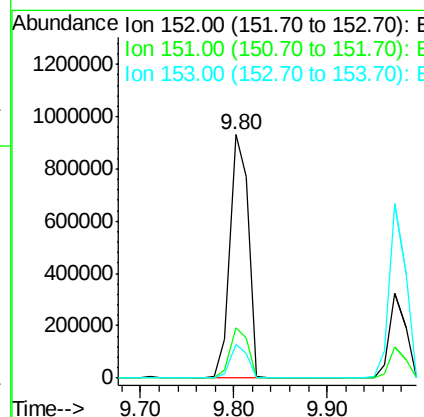
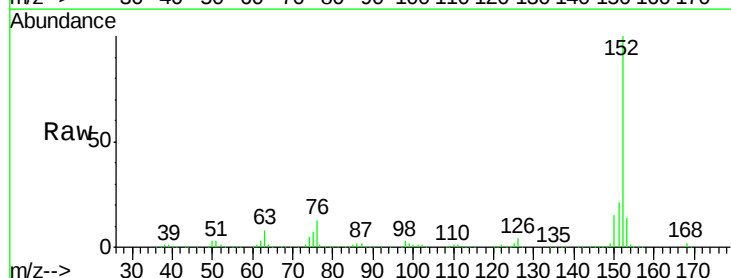
Manual Integrations
APPROVED

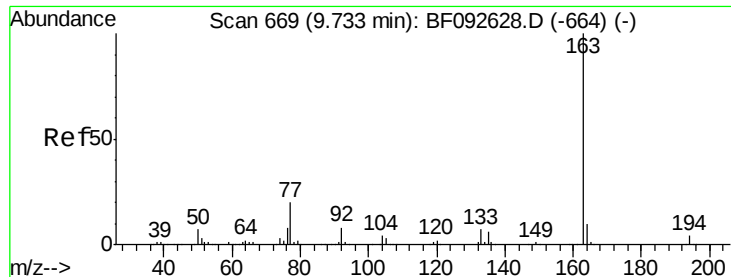
mohammad
2/13/2017 12:41:44 PM



#48
Acenaphthylene
Concen: 34.23 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	13.7	11.4	17.2





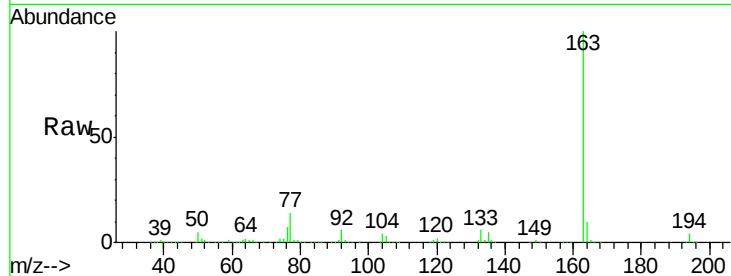
#49
Dimethylphthalate
Concen: 44.16 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.01 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

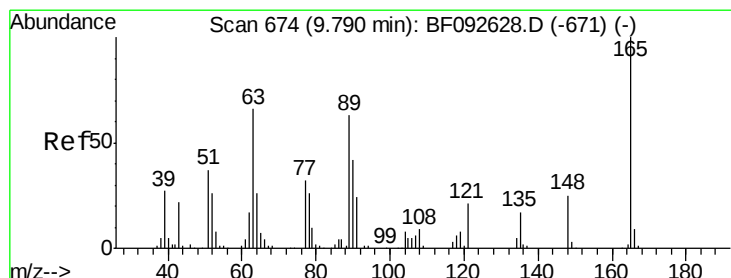
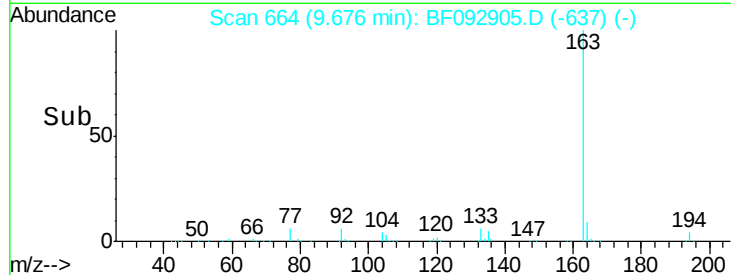
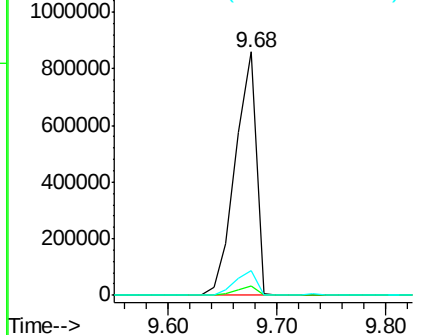
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	9.9	8.0	12.0

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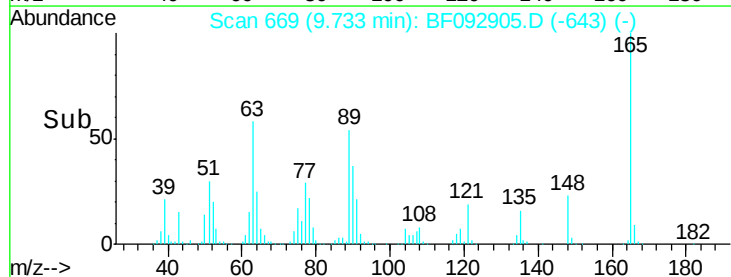
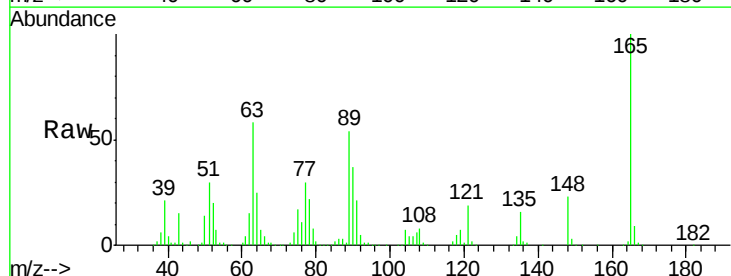
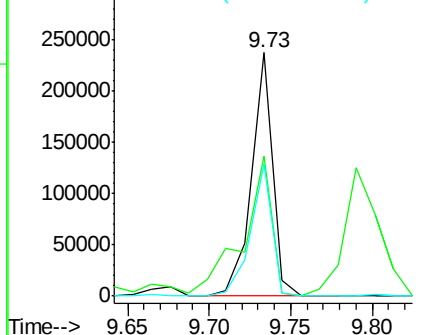
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

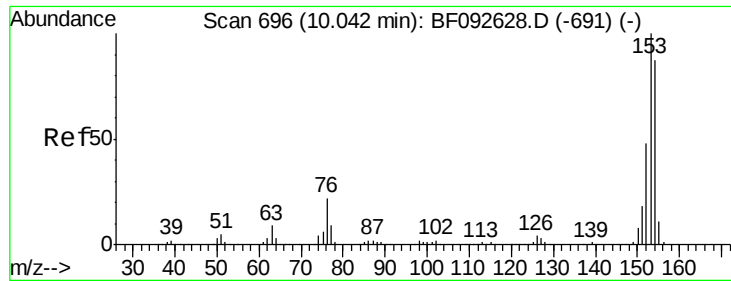


#50
2,6-Dinitrotoluene
Concen: 38.47 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.7	36.2	54.4#
89	54.4	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





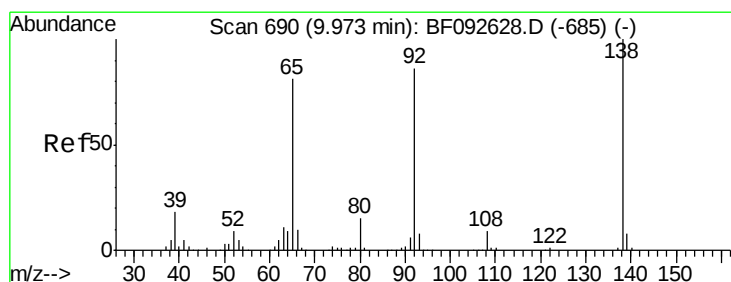
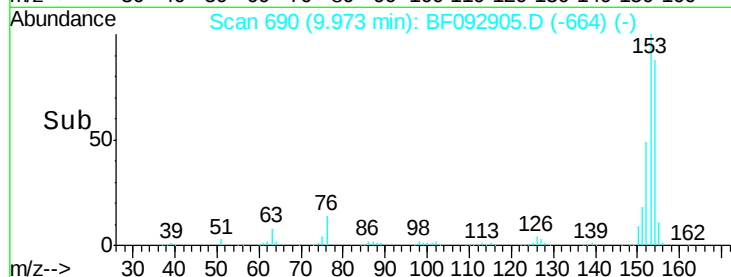
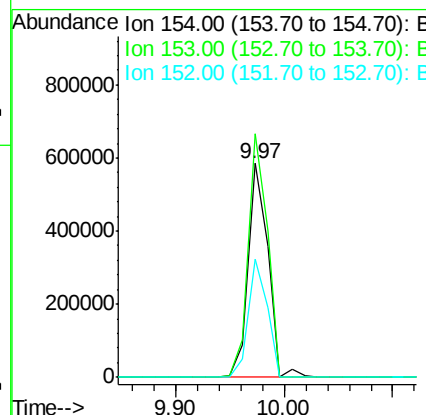
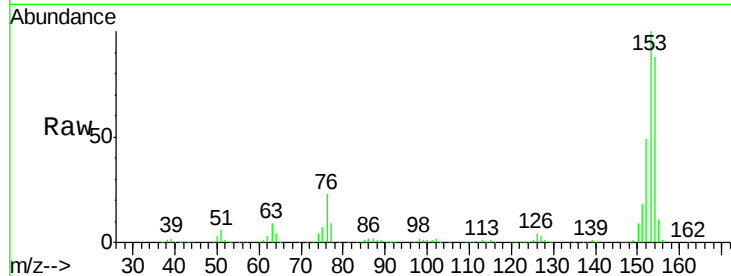
#51
Acenaphthene
Concen: 32.86 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	734645		
153	114.0	88.6	133.0	
152	55.6	41.6	62.4	

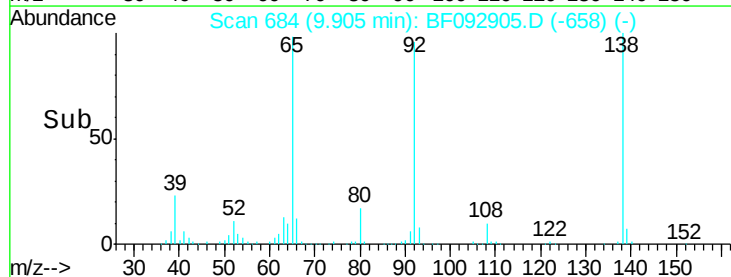
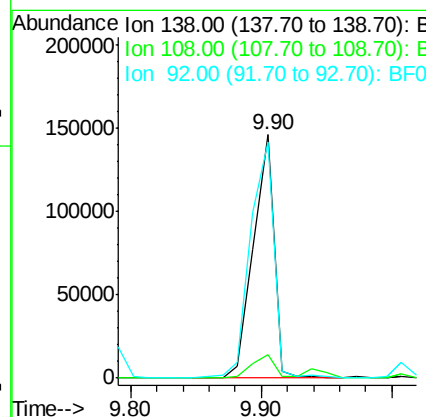
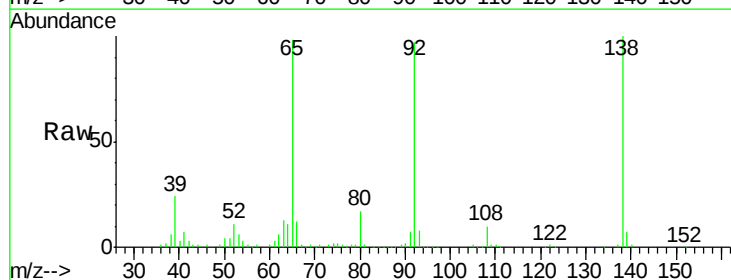
Manual Integrations
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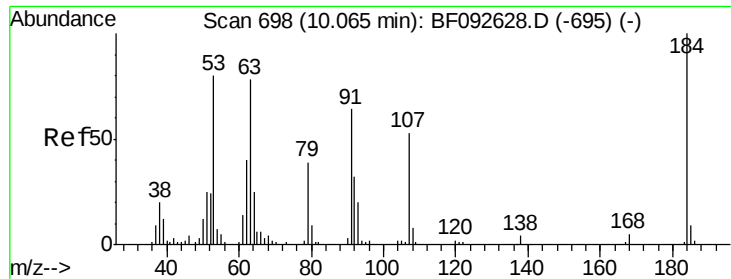
mohammad
2/13/2017 12:41:44 PM



#52
3-Nitroaniline
Concen: 25.47 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	162041		
108	9.5	8.5	12.7	
92	96.9	97.8	146.8	





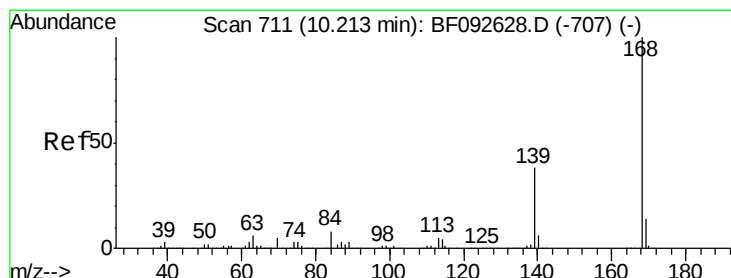
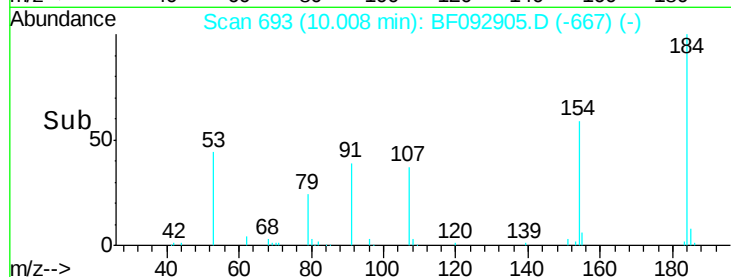
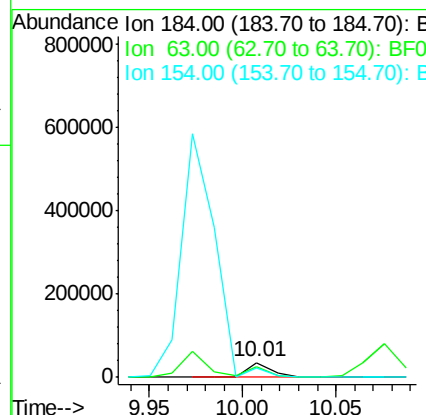
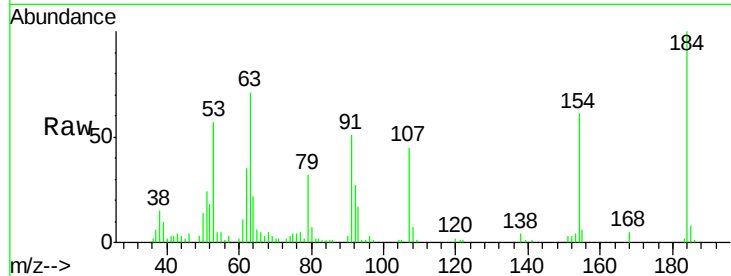
#53
2,4-Dinitrophenol
Concen: 15.94 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	33686		
63	71.2	28.4	42.6#	
154	60.8	44.3	66.5	

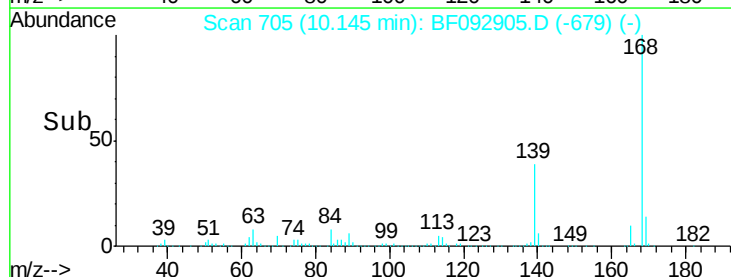
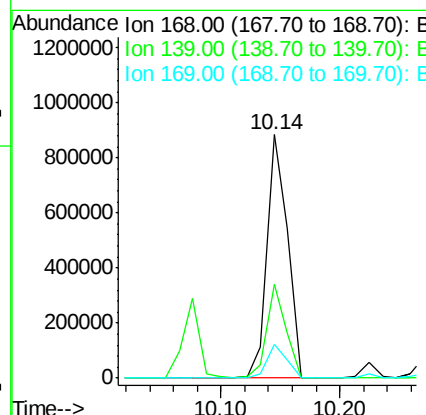
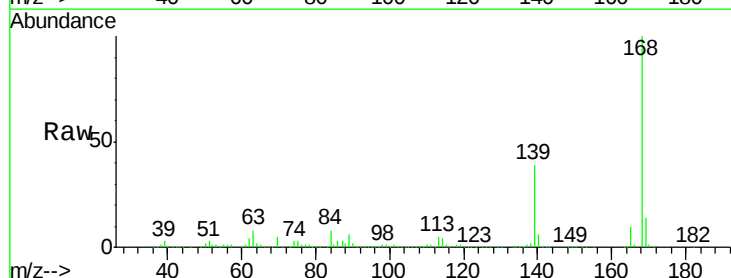
Manual Integrations
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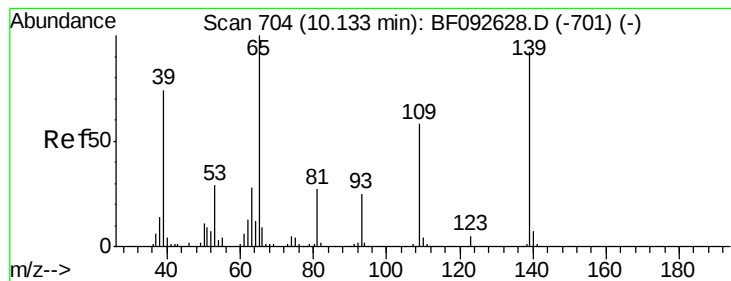
mohammad
2/13/2017 12:41:44 PM



#54
Dibenzofuran
Concen: 35.70 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1067555		
139	38.7	32.6	49.0	
169	13.8	11.3	16.9	





#55

4-Nitrophenol

Concen: 62.73 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

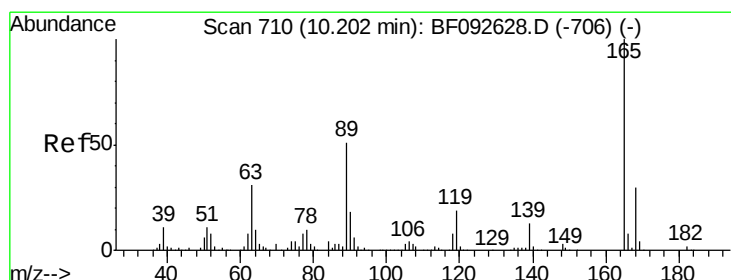
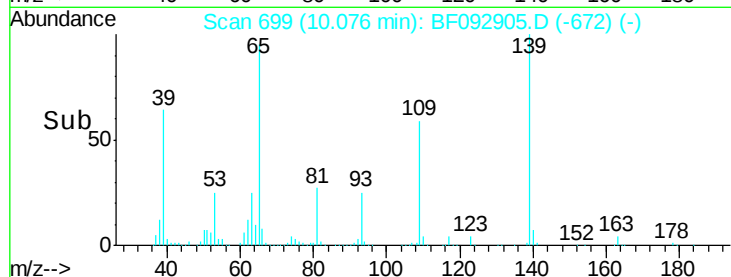
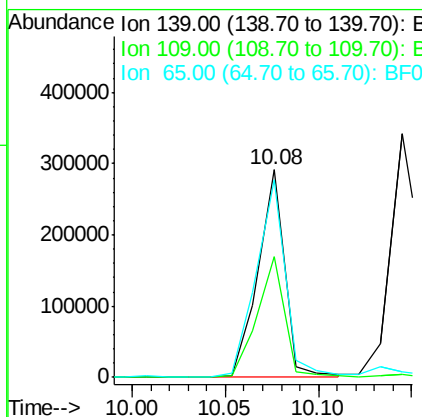
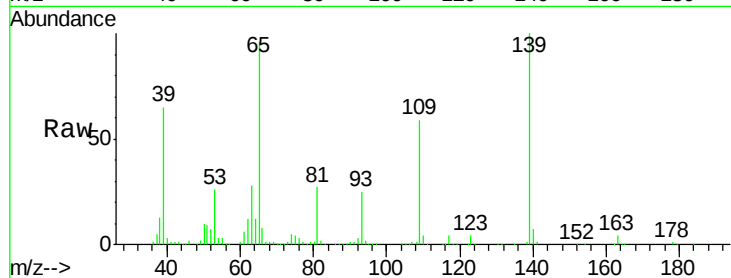
ClientSampleId :

38-SB-02-0-2MSD

Tgt Ion:	139	Resp:	287417
Ion Ratio	Lower	Upper	
139	100		
109	58.5	52.2	92.2
65	95.6	85.8	125.8

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#56

2,4-Dinitrotoluene

Concen: 33.71 ng

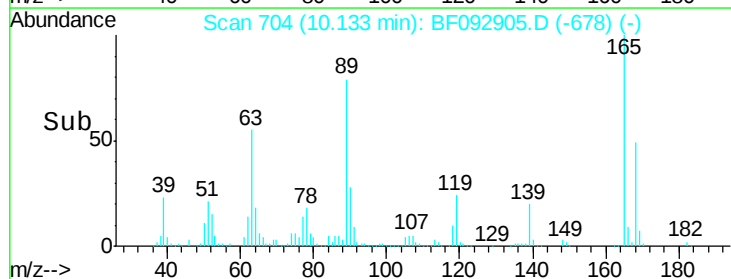
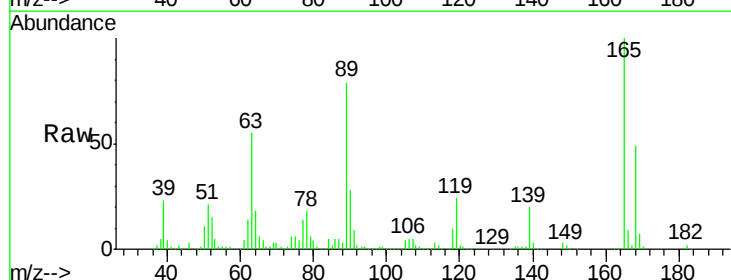
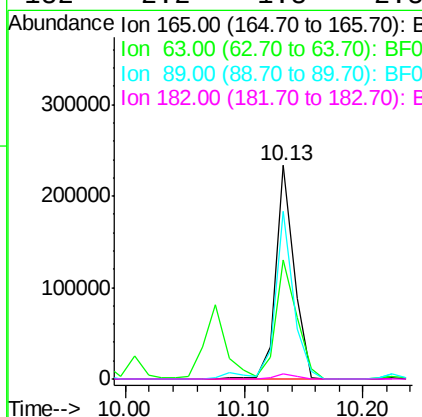
RT: 10.13 min Scan# 704

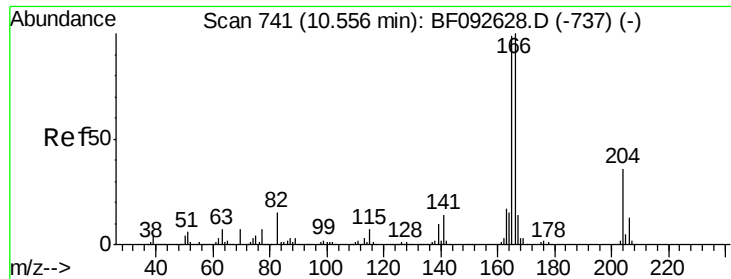
Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Tgt Ion:	165	Resp:	249466
Ion Ratio	Lower	Upper	
165	100		
63	55.5	40.2	60.4
89	78.5	62.5	93.7
182	2.2	1.8	2.8





#57

Fluorene

Concen: 32.67 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

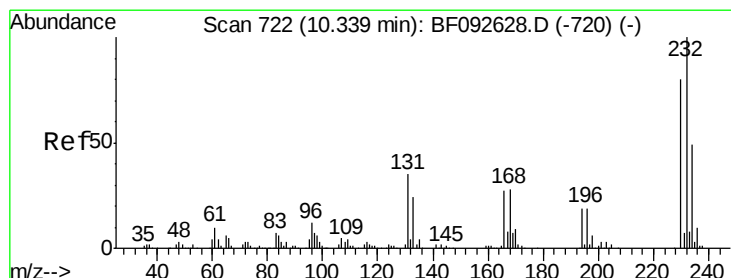
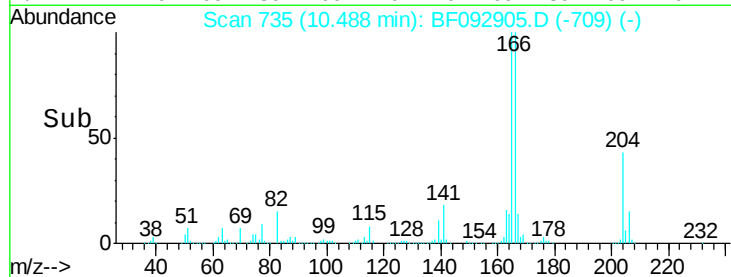
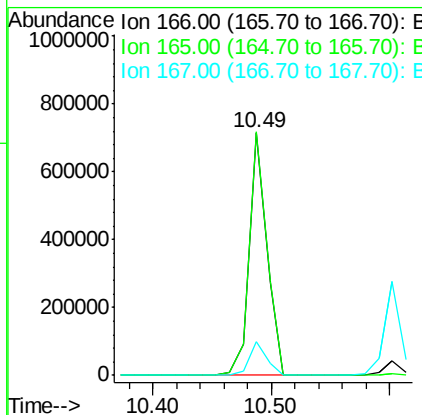
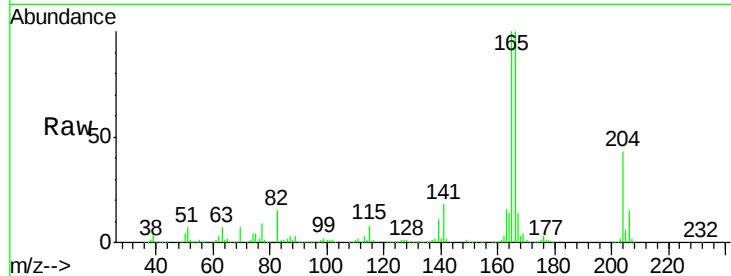
ClientSampleId :

38-SB-02-0-2MSD

Tgt Ion:	166	Resp:	751528
Ion Ratio	Lower	Upper	
166	100		
165	100.3	77.8	116.8
167	13.8	10.8	16.2

Manual Integrations
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2/13/2017 12:41:44 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.07 ng

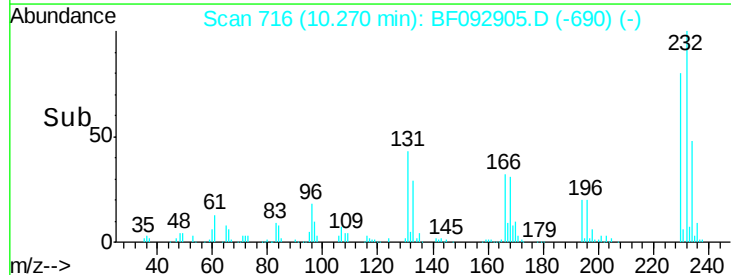
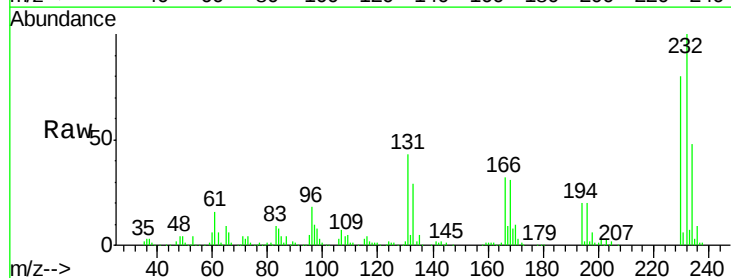
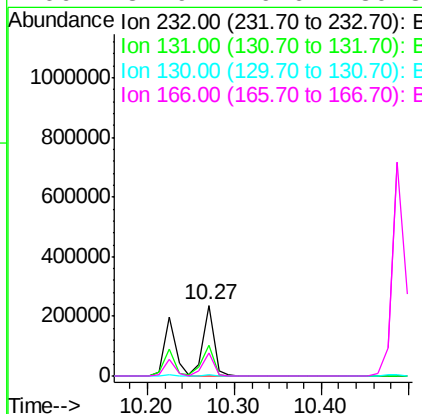
RT: 10.27 min Scan# 716

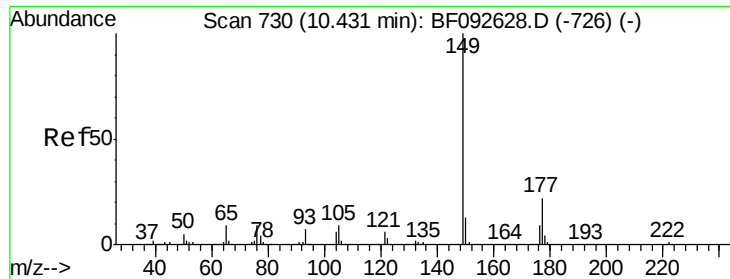
Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Tgt Ion:	232	Resp:	206459
Ion Ratio	Lower	Upper	
232	100		
131	47.1	40.1	60.1
130	2.3	1.8	2.8
166	32.9	26.6	39.8





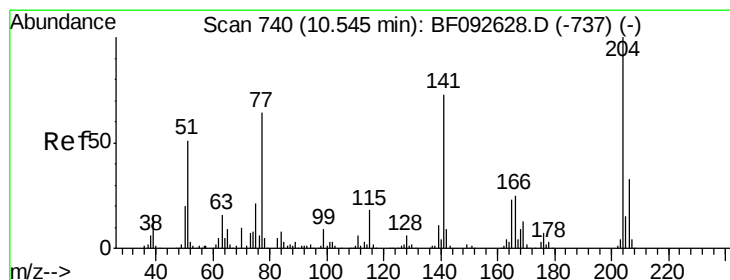
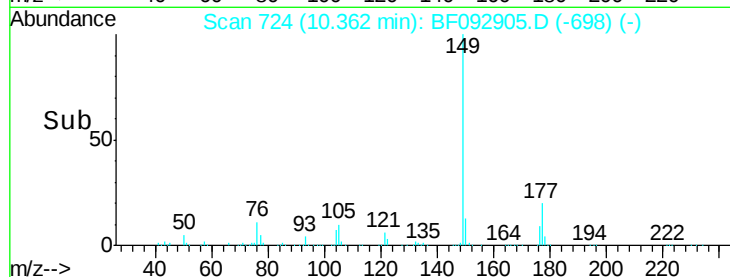
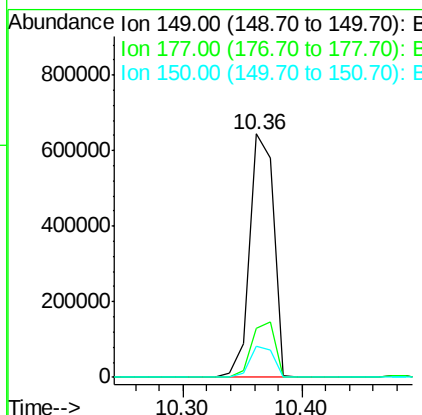
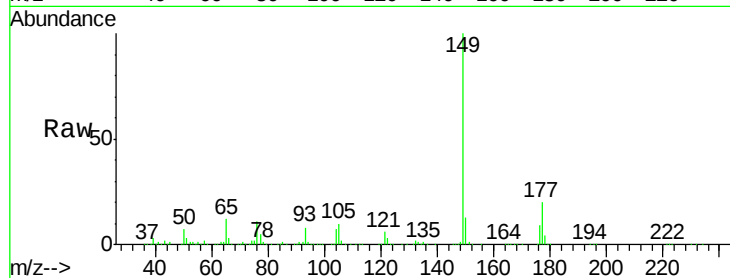
#59
Diethylphthalate
Concen: 37.60 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.3	16.6	25.0
150	12.6	10.4	15.6

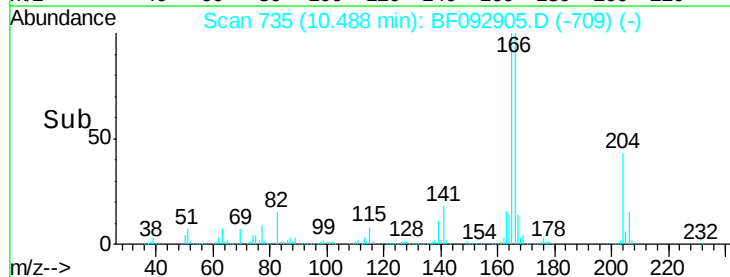
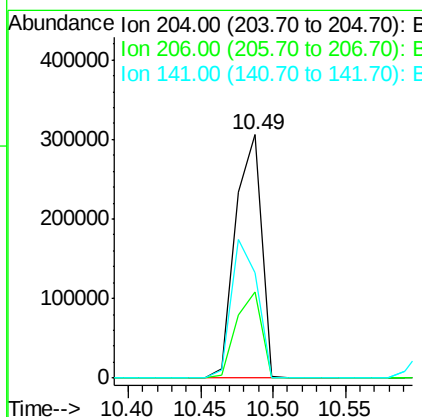
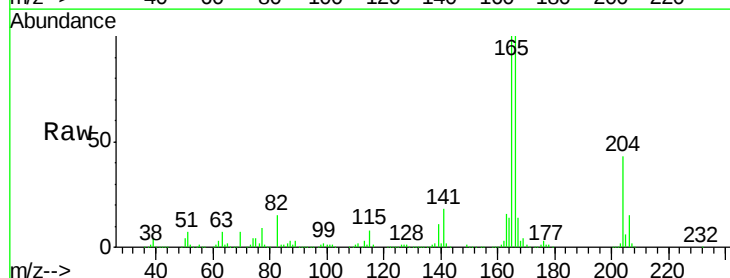
Manual Integrations
APPROVED

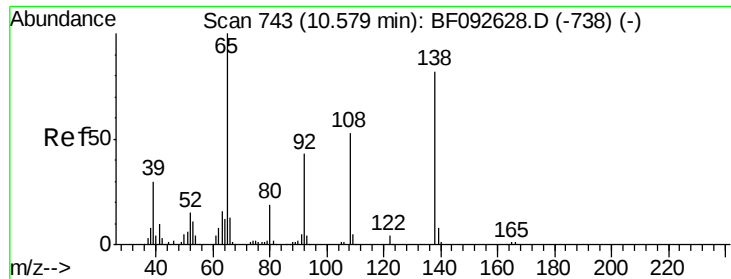
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 34.40 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.3	25.8	38.6
141	43.1	59.4	89.0#





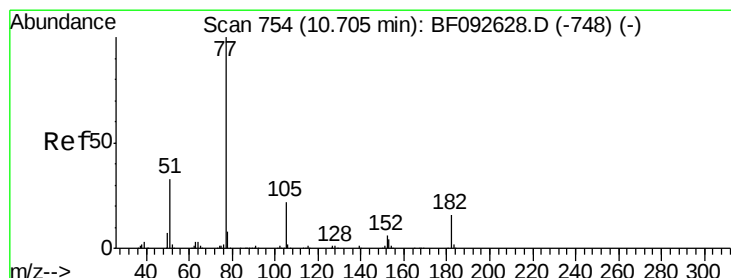
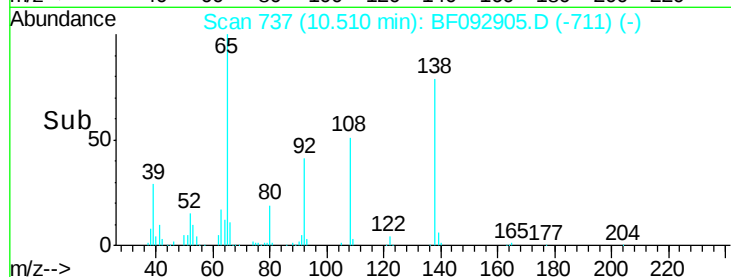
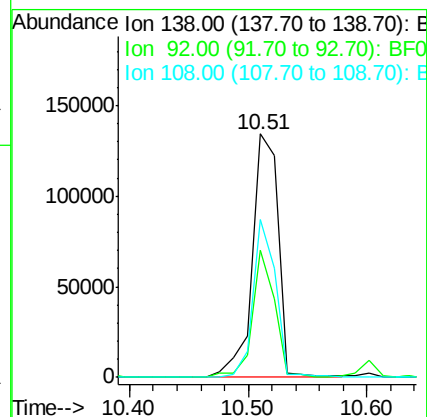
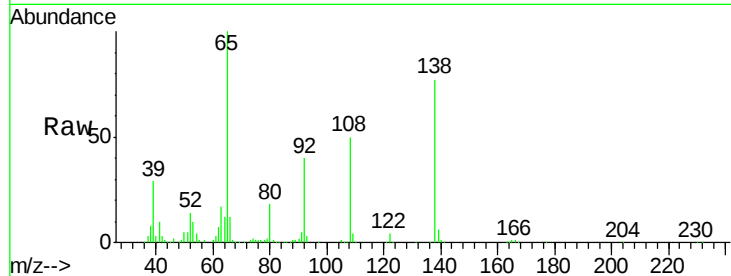
#61
4-Nitroaniline
Concen: 31.51 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	205325		
92	52.2	31.7	71.7	
108	64.8	52.6	92.6	

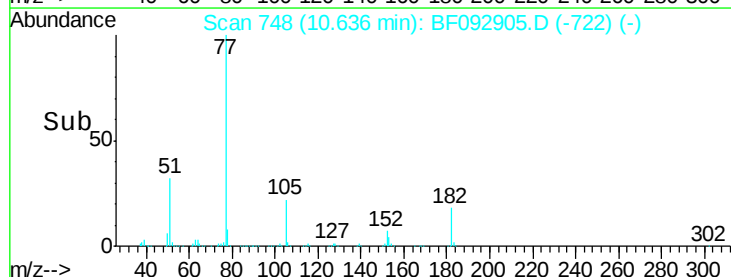
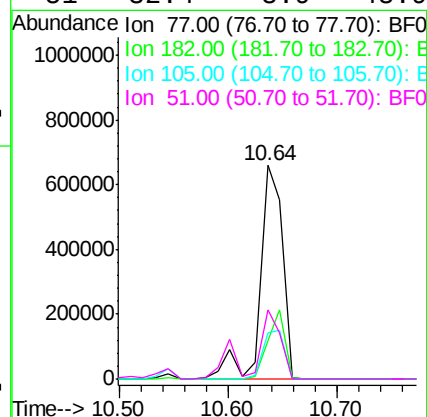
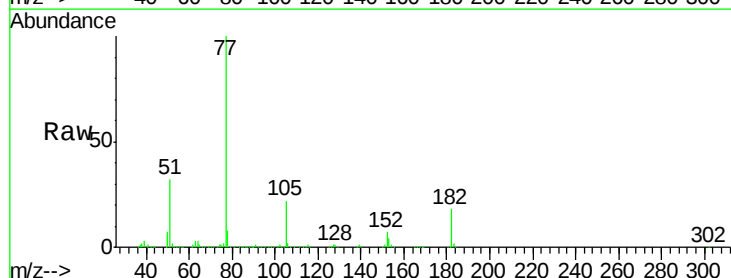
Manual Integrations
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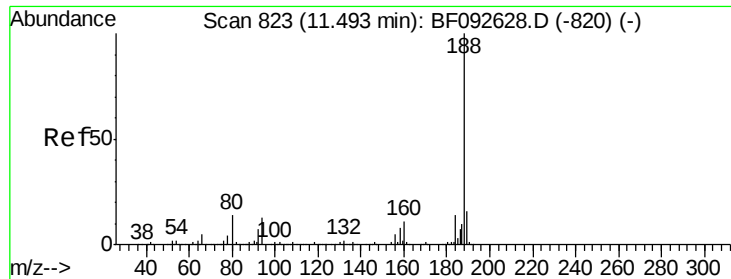
mohammad
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#62
Azobenzene
Concen: 38.07 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	954038		
182	17.8	0.0	39.3	
105	21.8	2.3	42.3	
51	32.4	8.9	48.9	





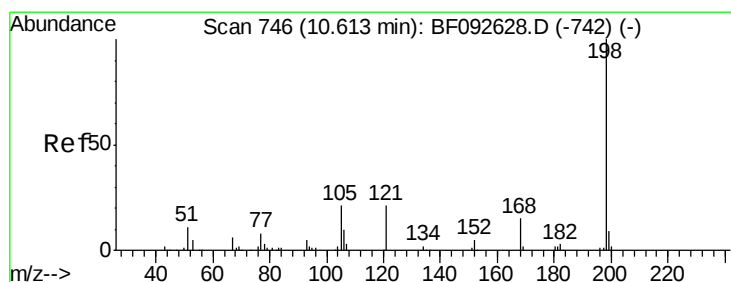
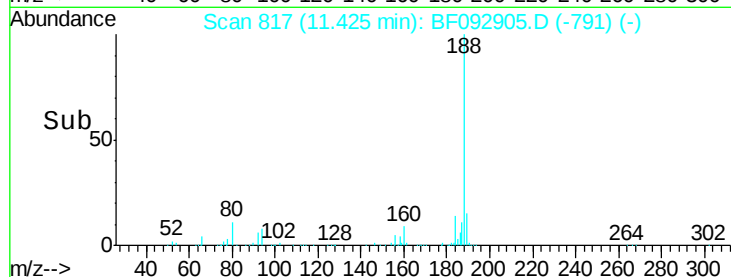
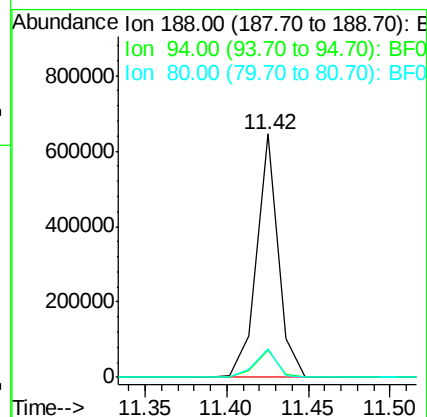
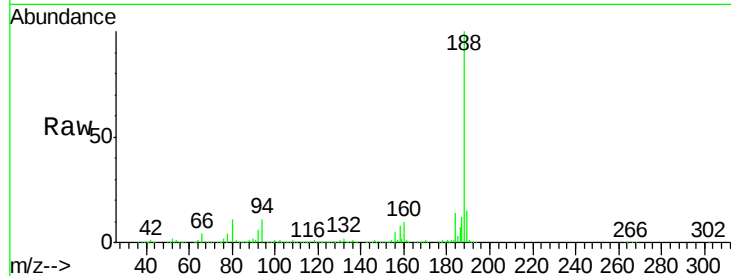
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
188	100		592878		
94	11.4	10.0	15.0		
80	11.5	11.2	16.8		

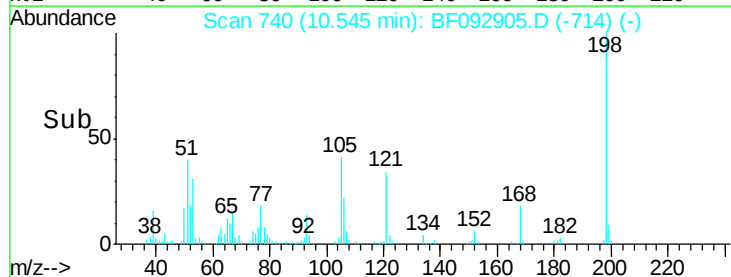
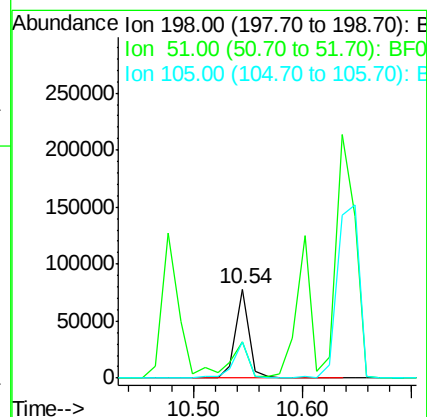
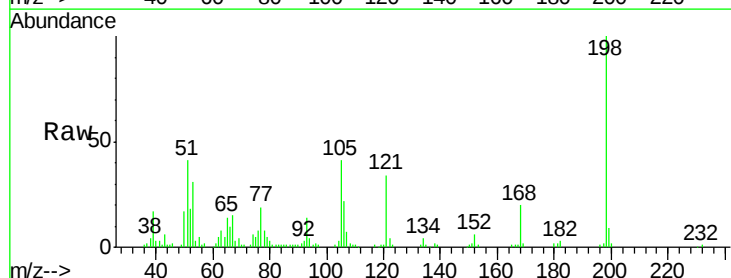
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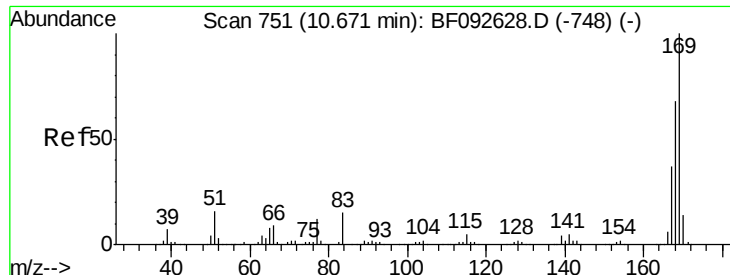
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 20.10 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt	Ion	Ratio	Resp	Lower	Upper
198	100		66609		
51	40.9	6.7	46.7		
105	40.6	16.6	56.6		





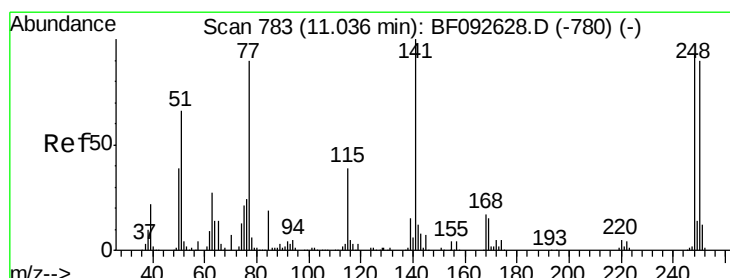
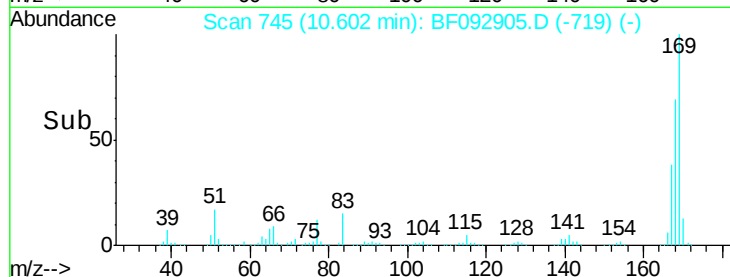
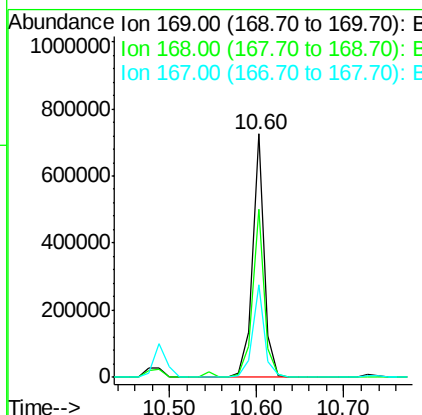
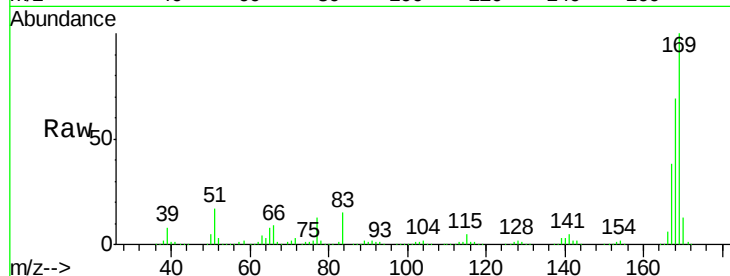
#65
n-Nitrosodiphenylamine
Concen: 36.40 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	689467		
168	68.9	54.2	81.2	
167	38.2	30.2	45.4	

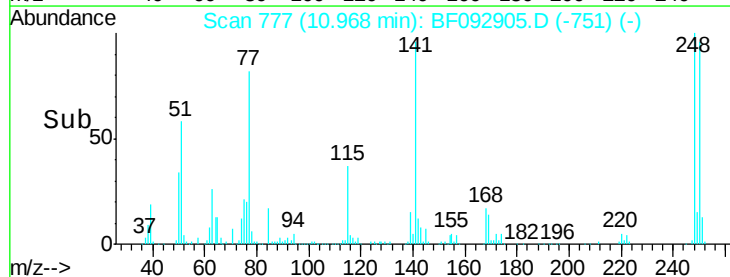
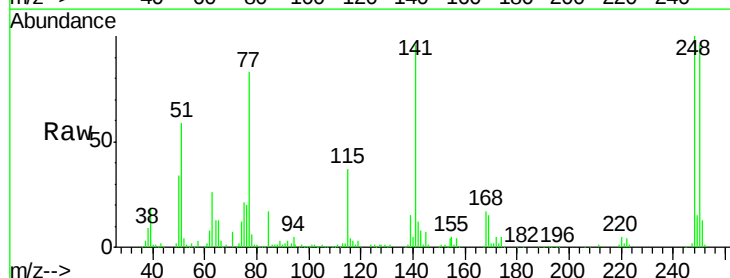
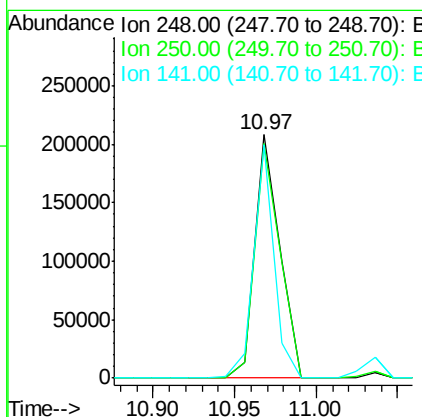
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#66
4-Bromophenyl-phenylether
Concen: 35.78 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	221632		
250	96.3	76.9	115.3	
141	95.8	68.2	102.4	





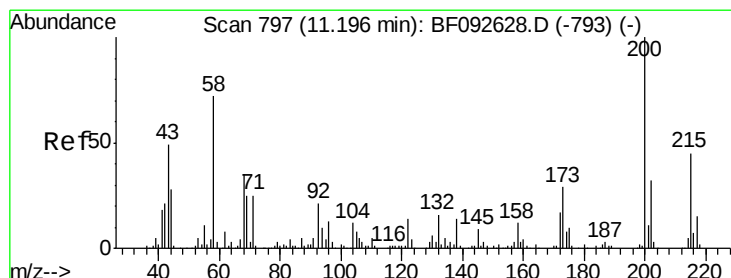
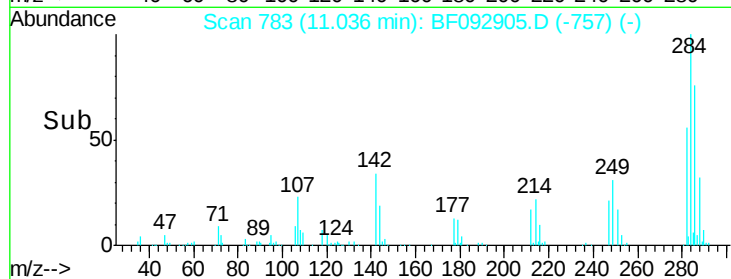
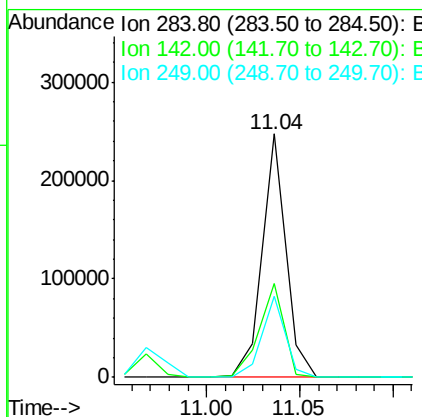
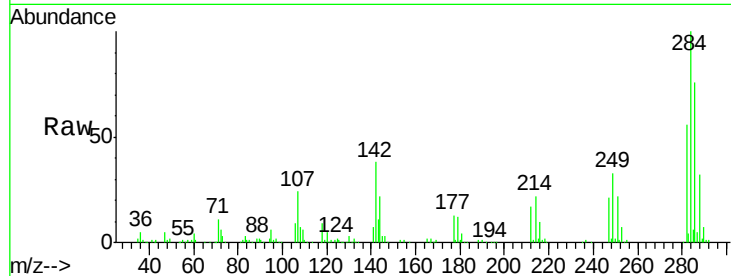
#67
Hexachlorobenzene
Concen: 35.43 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	38.3	22.6	33.8#
249	33.2	25.4	38.0

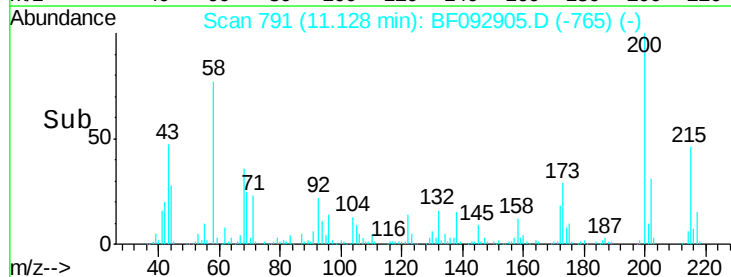
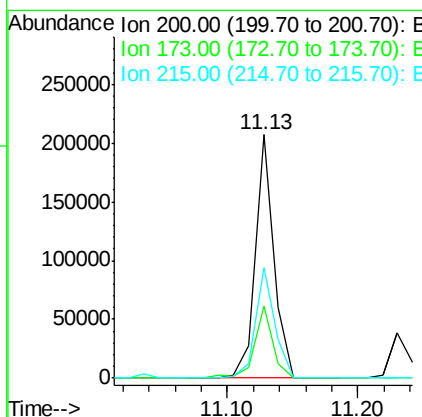
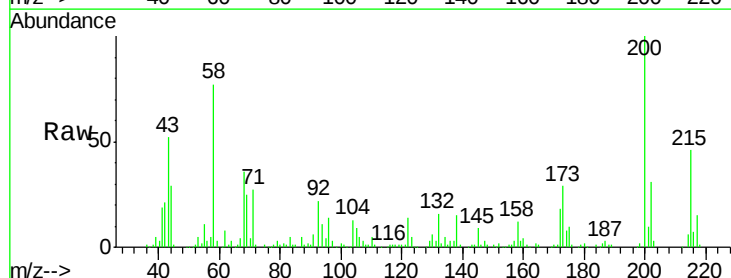
Manual Integrations
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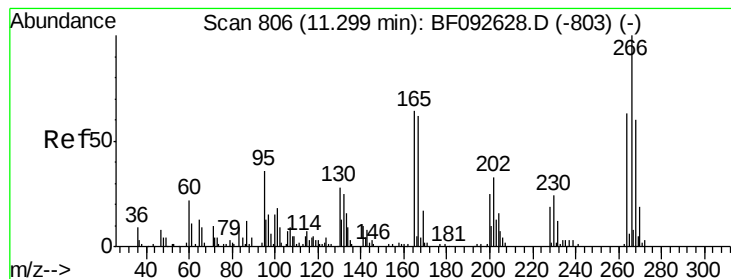
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#68
Atrazine
Concen: 33.73 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.4	9.6	49.6
215	45.6	25.7	65.7





#69

Pentachlorophenol

Concen: 63.17 ng

RT: 11.23 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

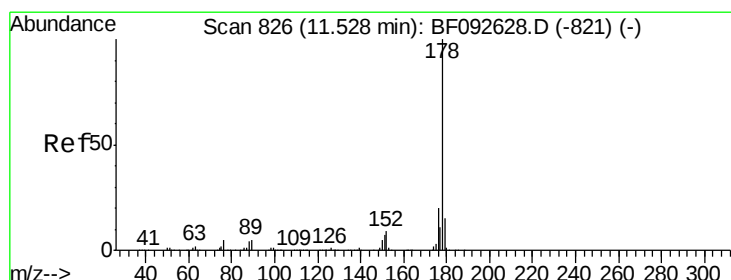
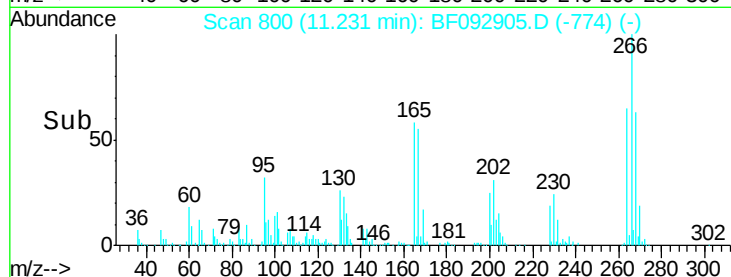
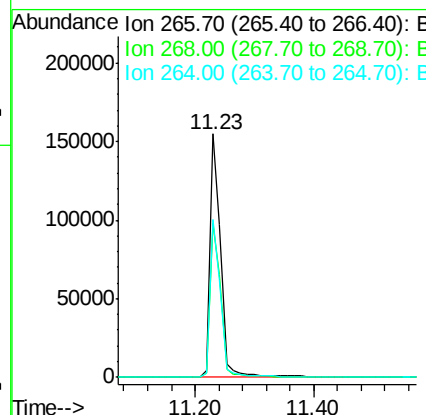
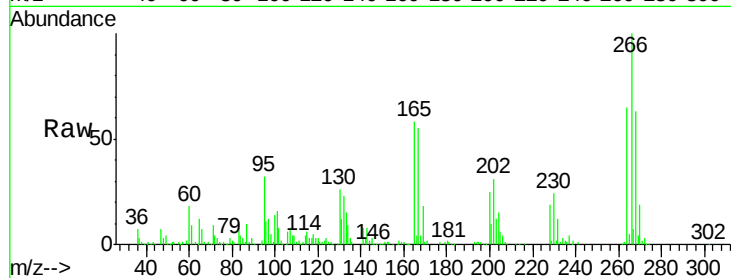
ClientSampleId :

38-SB-02-0-2MSD

Tgt Ion:	266	Resp:	194355
Ion Ratio		Lower	Upper
266	100		
268	63.4	53.3	79.9
264	65.0	50.3	75.5

Manual Integrations
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#70

Phenanthrene

Concen: 35.16 ng

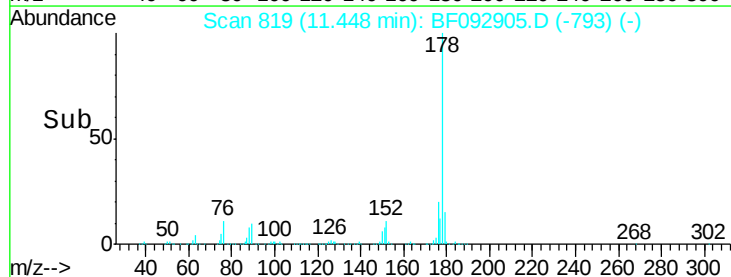
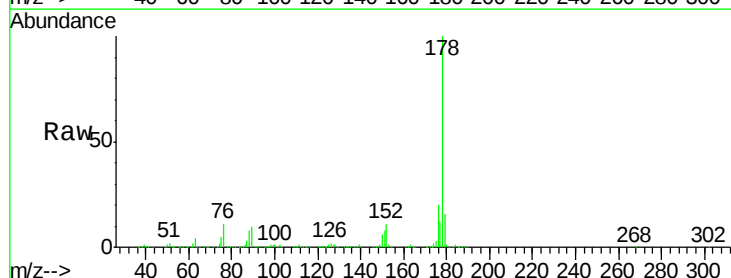
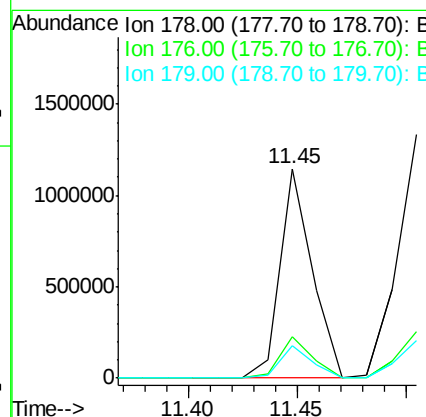
RT: 11.45 min Scan# 819

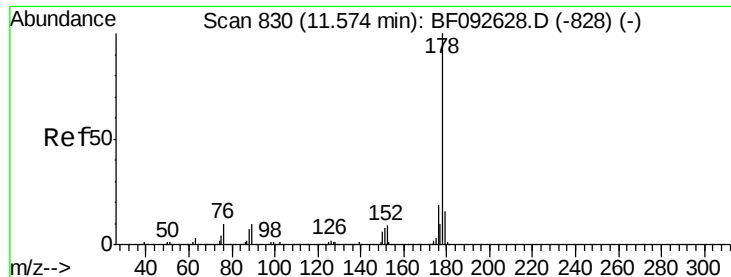
Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Tgt Ion:	178	Resp:	1194235
Ion Ratio		Lower	Upper
178	100		
176	19.8	16.6	25.0
179	15.5	12.8	19.2





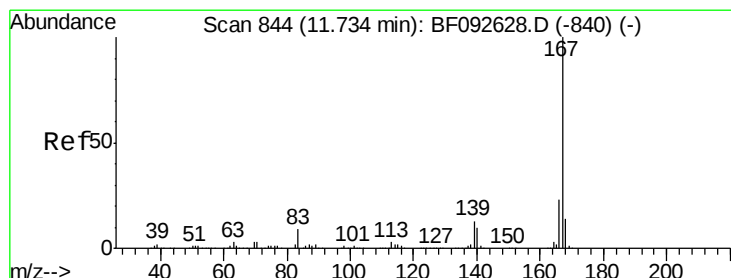
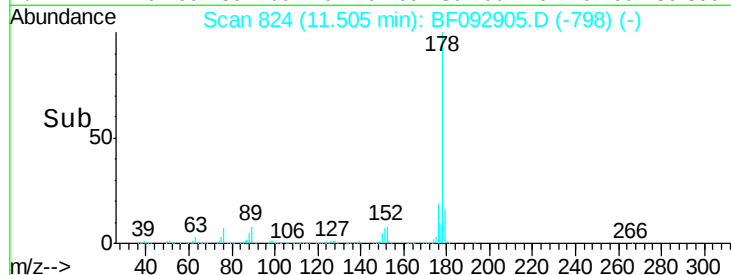
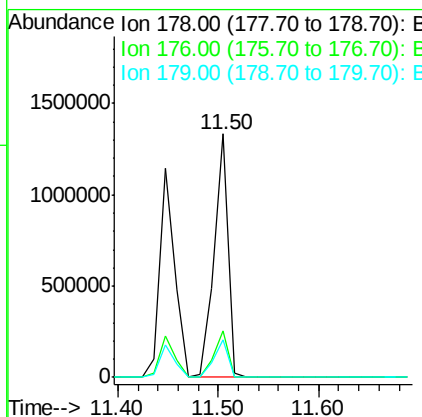
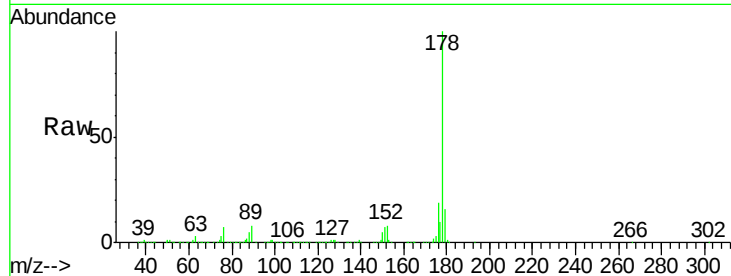
#71
 Anthracene
 Concen: 37.64 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-02-0-2MSD

Tgt Ion:178 Resp: 1284021
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 15.6 13.2 19.8

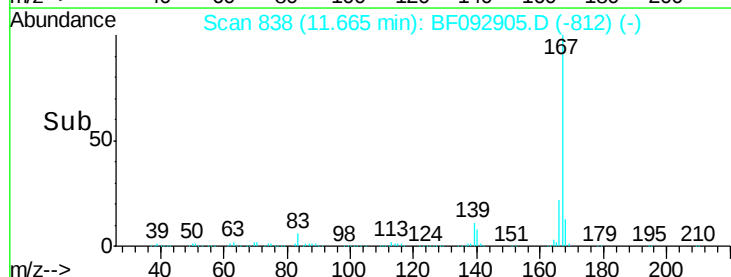
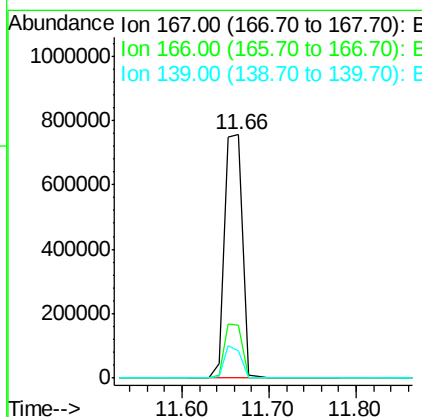
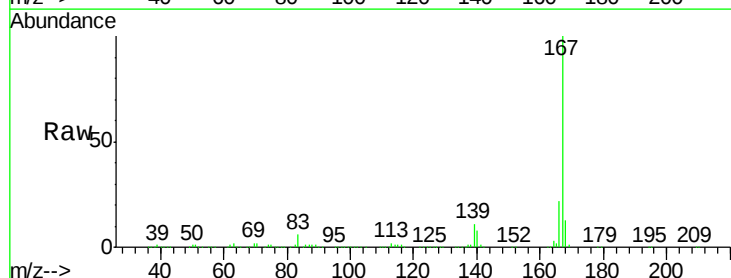
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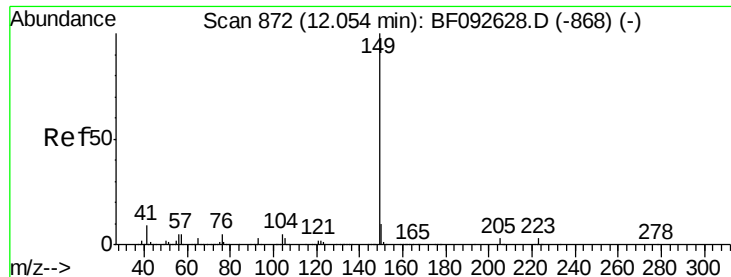
mohammad
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#72
 Carbazole
 Concen: 33.17 ng
 RT: 11.66 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

Tgt Ion:167 Resp: 1081570
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.2 27.2
 139 11.1 11.4 17.2#





#73

Di-n-butylphthalate

Concen: 37.70 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

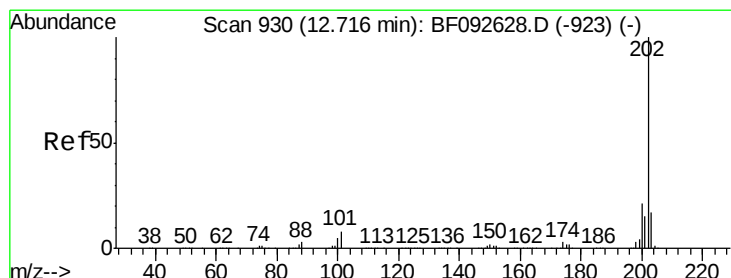
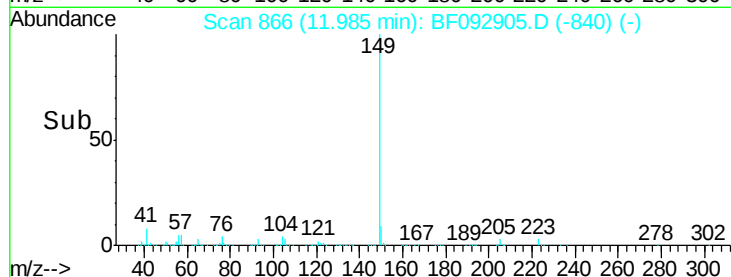
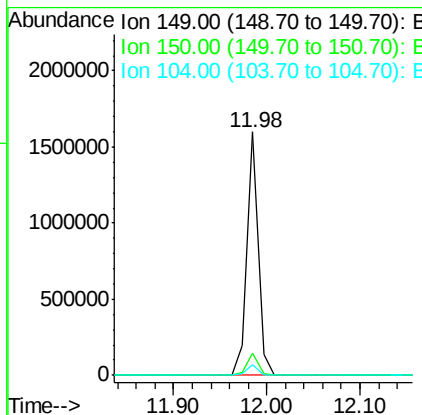
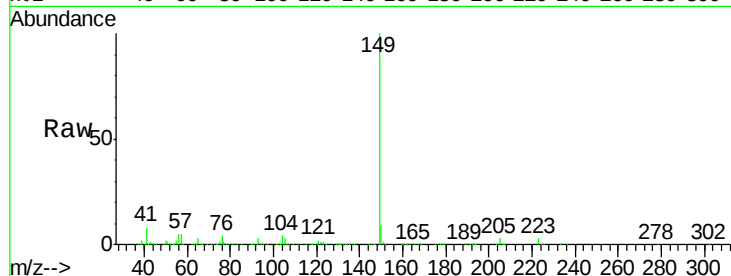
ClientSampleId :

38-SB-02-0-2MSD

Tgt Ion:	149	Resp:	1329271
Ion Ratio	Lower	Upper	
149	100		
150	9.3	8.1	12.1
104	4.4	4.6	7.0#

Manual Integrations
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#74

Fluoranthene

Concen: 34.08 ng

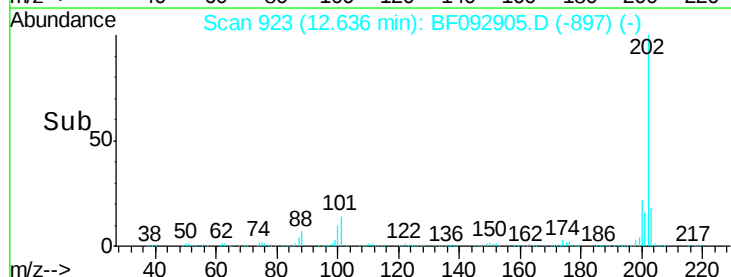
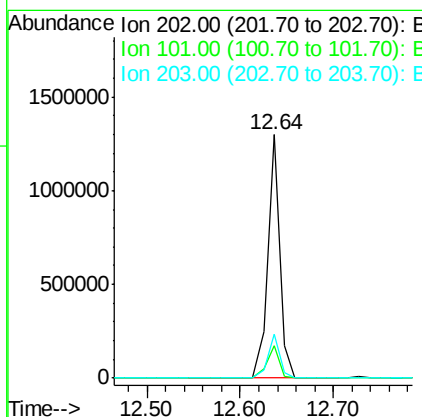
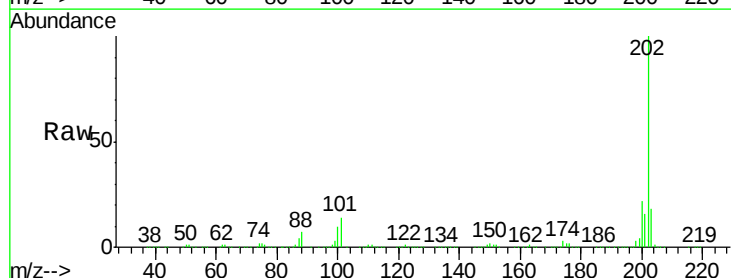
RT: 12.64 min Scan# 923

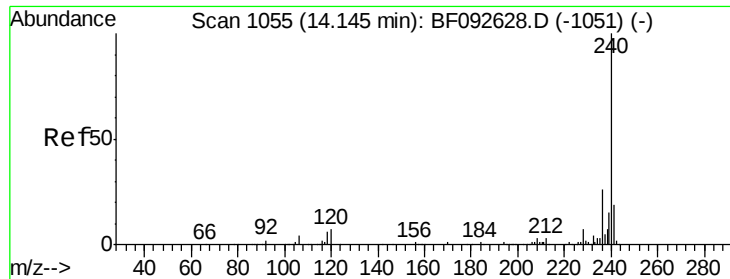
Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Tgt Ion:	202	Resp:	1194182
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	34.6
203	17.9	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

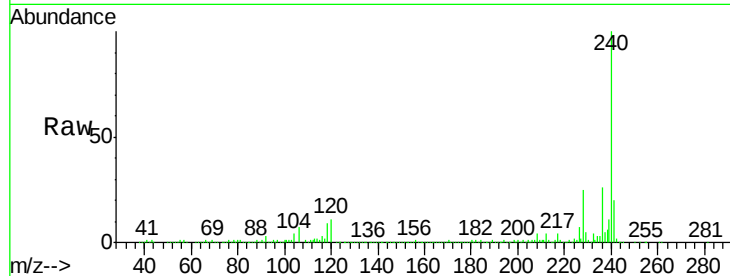
ClientSampleId :

38-SB-02-0-2MSD

Tgt	Ion	Ratio	Lower	Upper
240	100			
120	11.0	12.9	19.3	
236	26.1	20.9	31.3	

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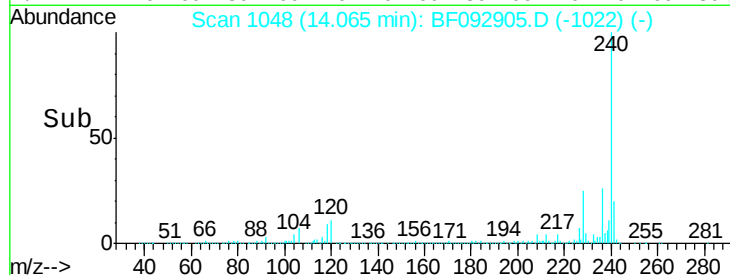
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

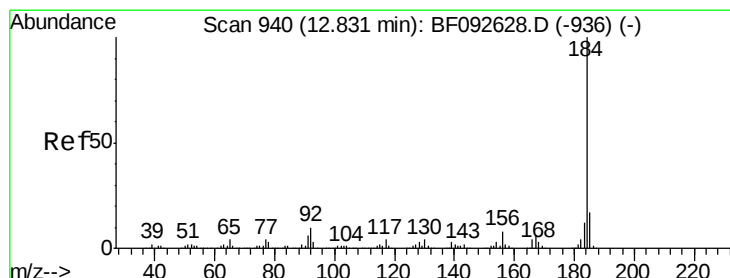
Ion 236.00 (235.70 to 236.70): E

14.07

Time-->



Time-->



#76

Benzidine

Concen: 15.66 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Tgt	Ion	Ratio	Lower	Upper
184	100			
185	13.8	13.4	20.0	
183	12.2	9.2	13.8	

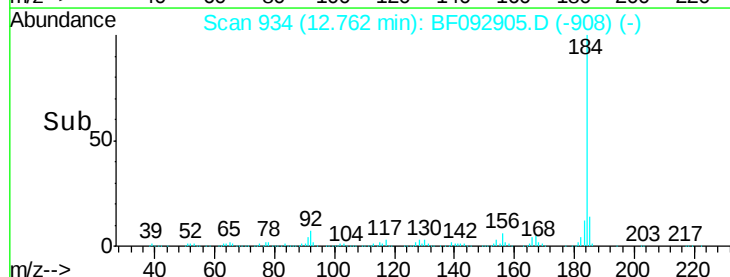
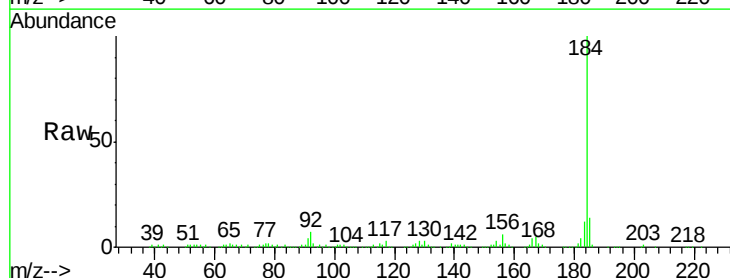
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

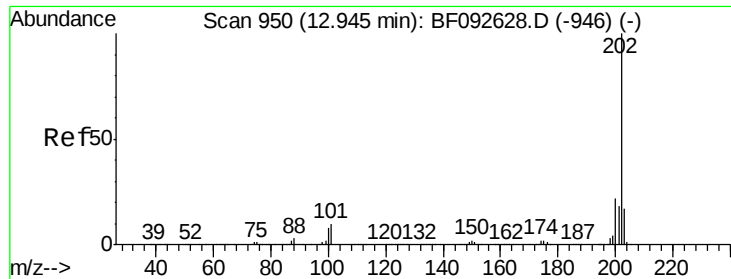
Ion 183.00 (182.70 to 183.70): E

12.76

Time-->



Time-->



#77

Pyrene

Concen: 39.08 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

Tgt Ion:202 Resp: 1190718

Ion Ratio Lower Upper

202 100

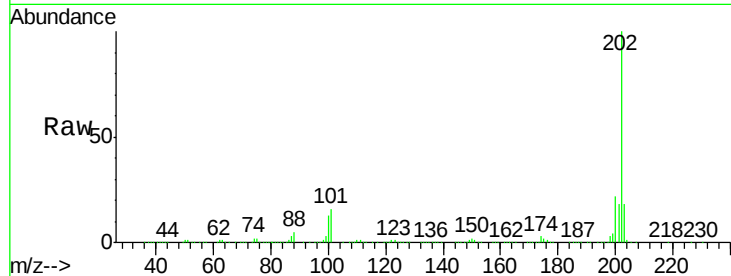
200 21.8 17.7 26.5

203 17.8 14.7 22.1

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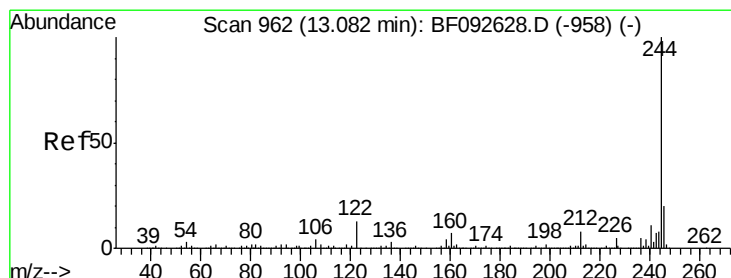
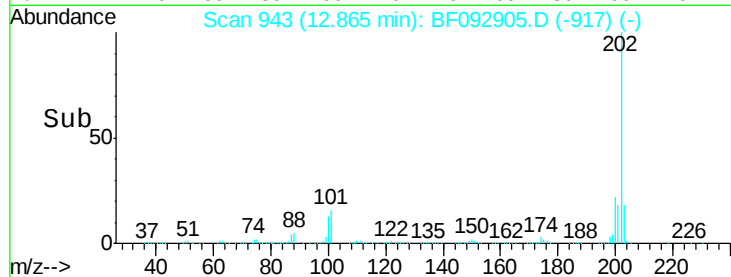
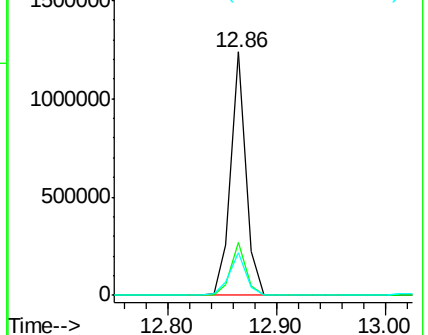
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 74.52 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

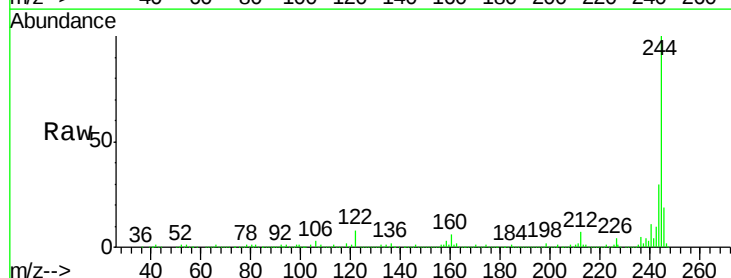
Tgt Ion:244 Resp: 1291241

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

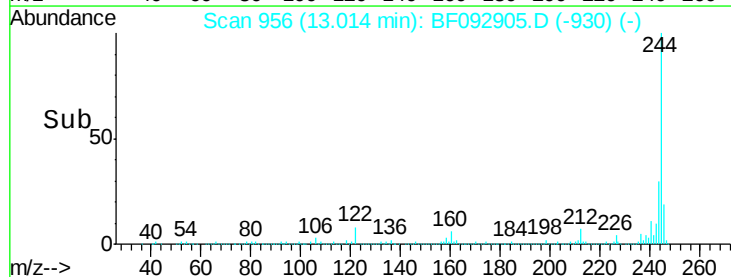
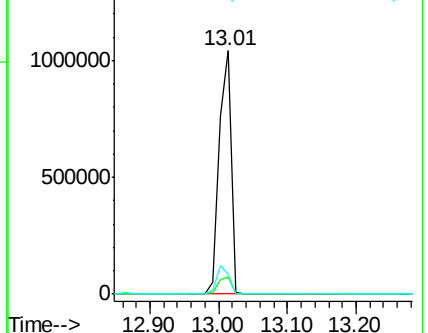
122 7.9 11.4 17.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.85 ng

RT: 13.48 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

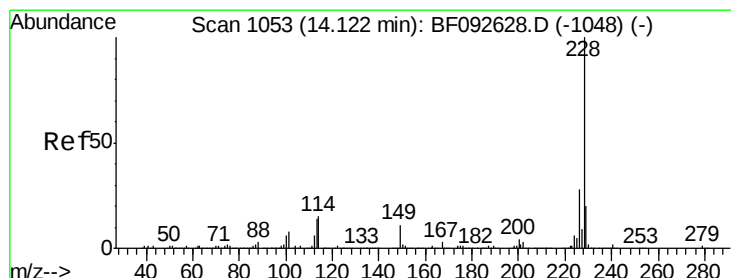
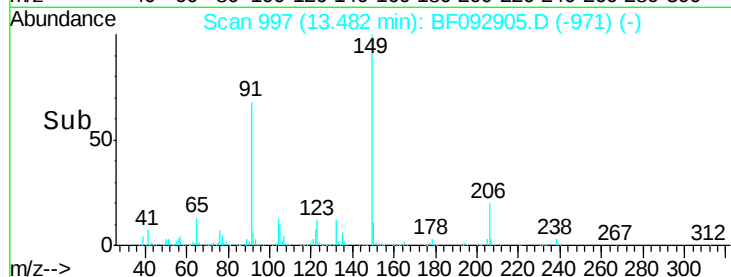
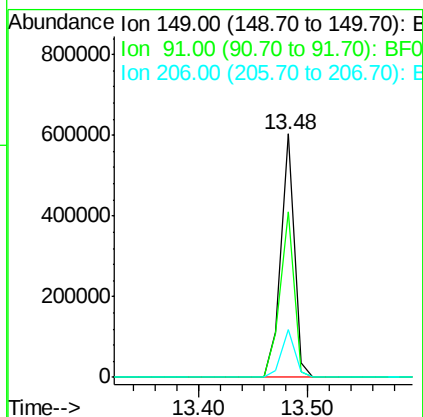
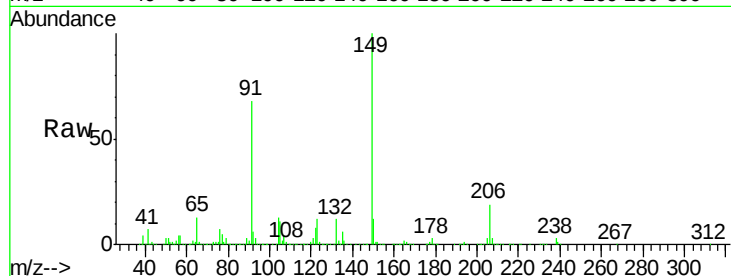
ClientSampleId :

38-SB-02-0-2MSD

Tgt Ion:	149	Resp:	517763
Ion Ratio	Lower	Upper	
149	100		
91	67.9	63.9	95.9
206	19.5	14.6	21.8

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#80

Benzo(a)anthracene

Concen: 37.04 ng

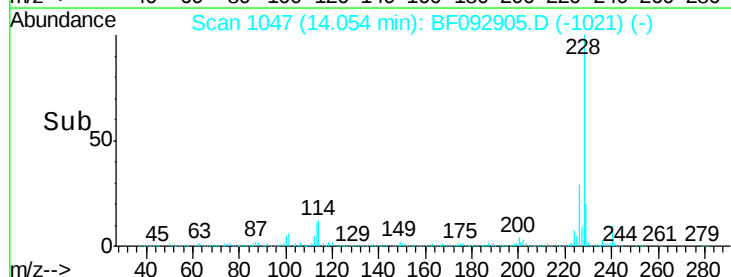
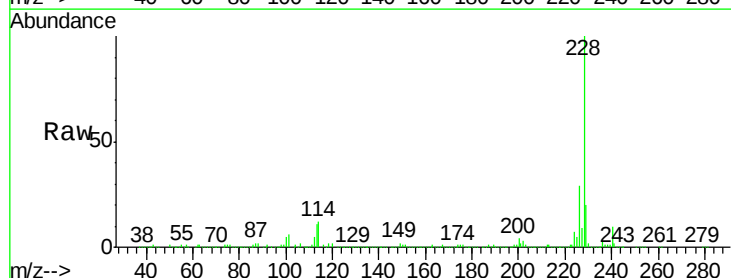
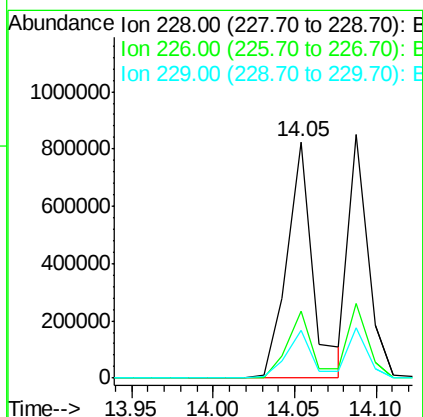
RT: 14.05 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Tgt Ion:	228	Resp:	922241
Ion Ratio	Lower	Upper	
228	100		
226	28.6	22.4	33.6
229	20.0	16.2	24.4





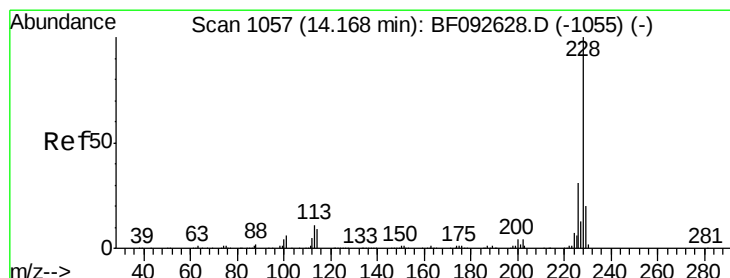
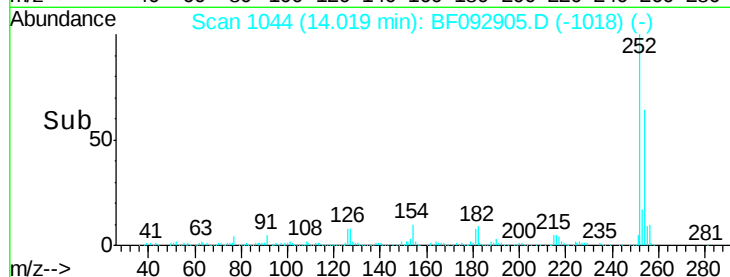
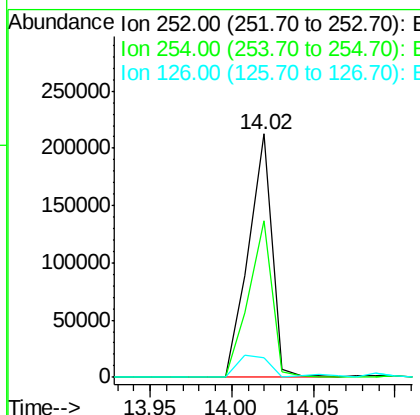
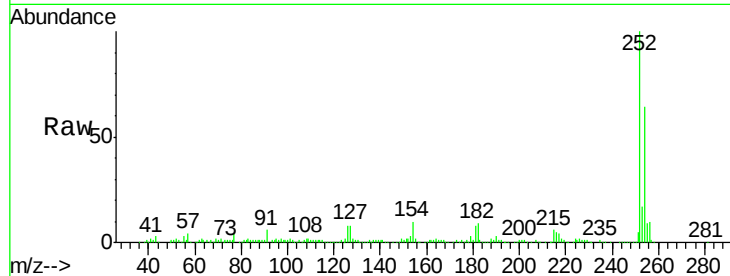
#81
 3,3'-Dichlorobenzidine
 Concen: 24.22 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-02-0-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	214981		
254	64.4	52.3	78.5	
126	8.1	13.6	20.4	

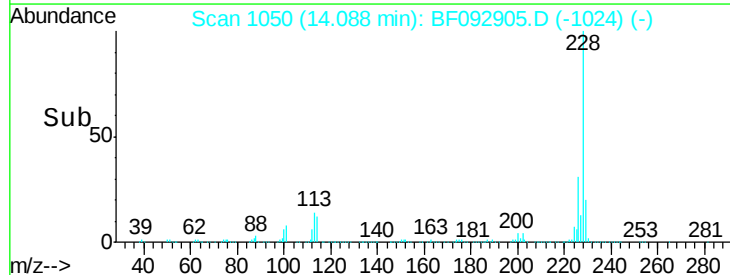
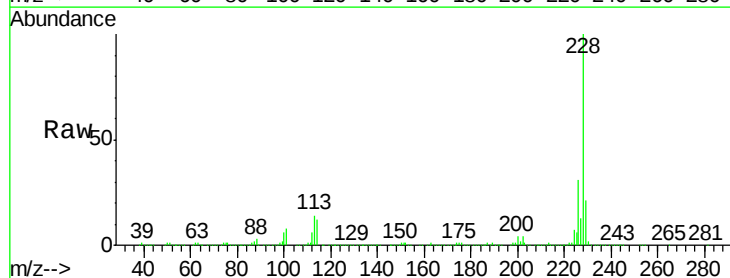
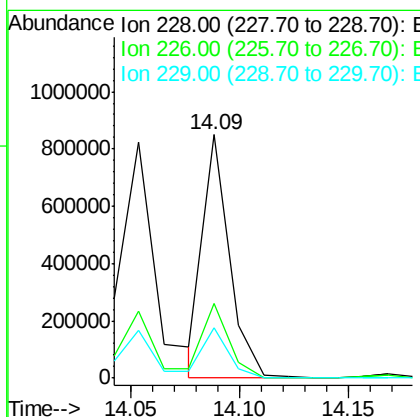
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#82
 Chrysene
 Concen: 30.65 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	714599		
226	30.7	25.4	38.0	
229	20.6	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.36 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

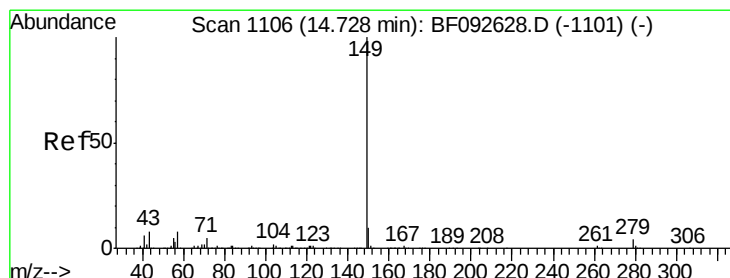
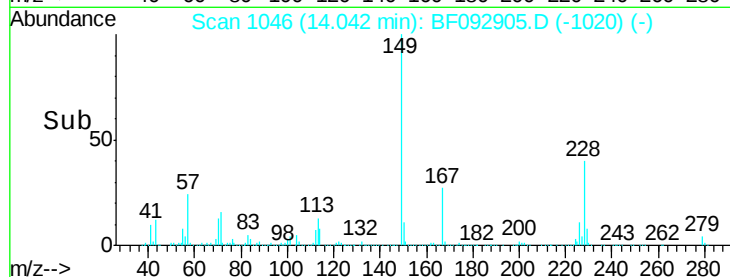
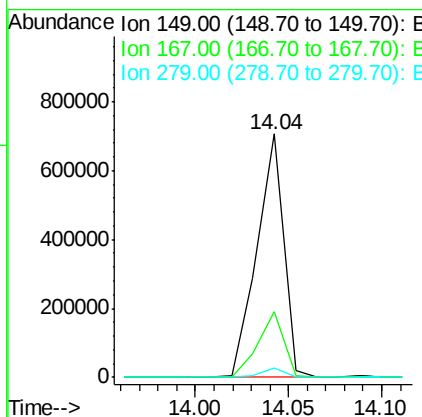
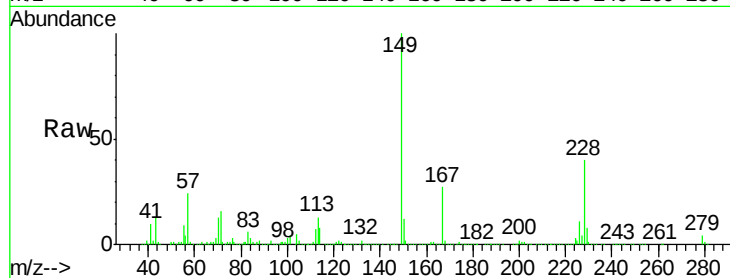
ClientSampleId :

38-SB-02-0-2MSD

Tgt Ion:	149	Resp:	699911
Ion Ratio	Lower	Upper	
149	100		
167	27.2	20.2	30.4
279	3.6	1.8	2.8#

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#84

Di-n-octyl phthalate

Concen: 39.66 ng

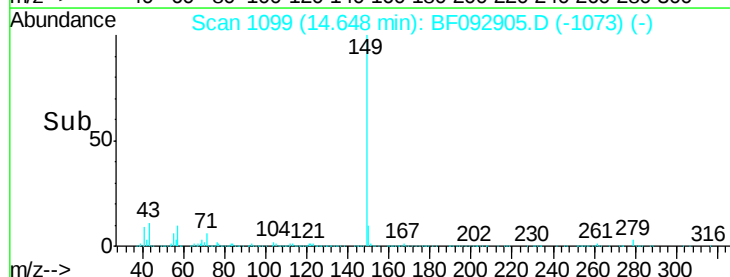
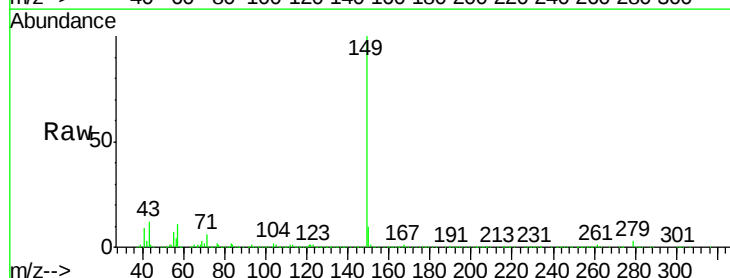
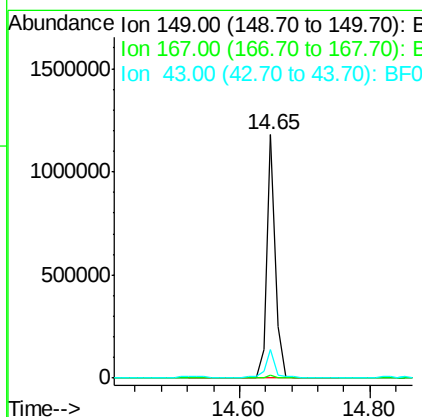
RT: 14.65 min Scan# 1099

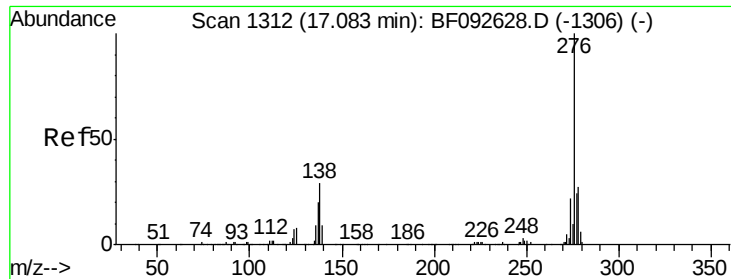
Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Tgt Ion:	149	Resp:	1092739
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	11.5	8.9	13.3





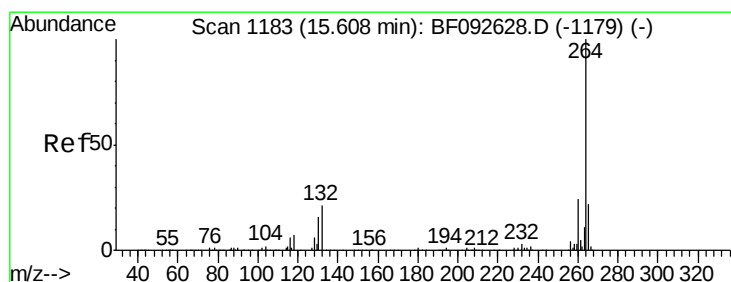
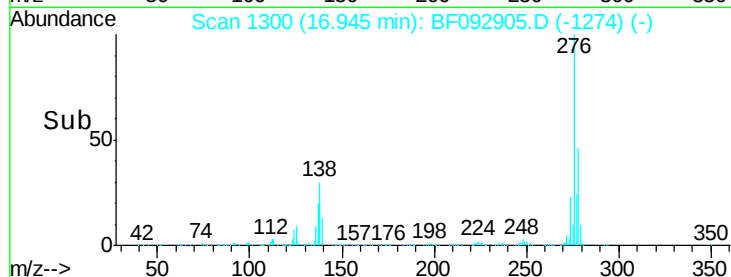
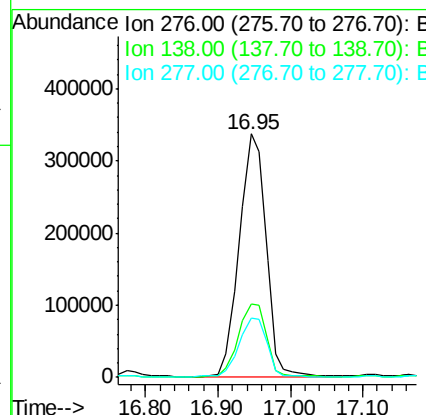
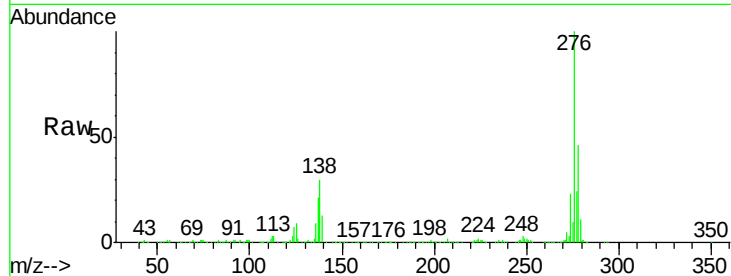
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.97 ng
RT: 16.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.7	21.8	32.6
277	25.4	20.2	30.4

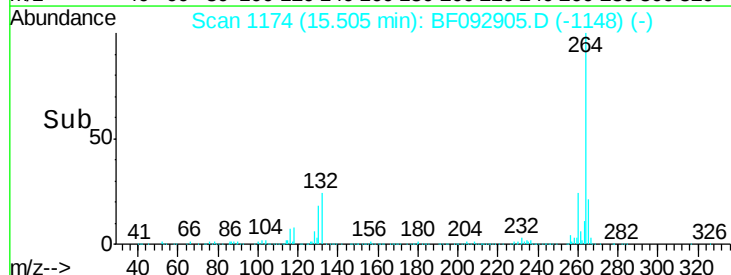
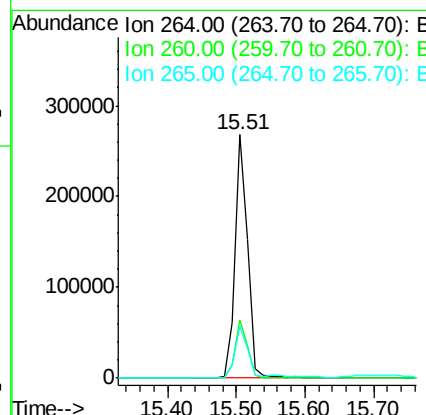
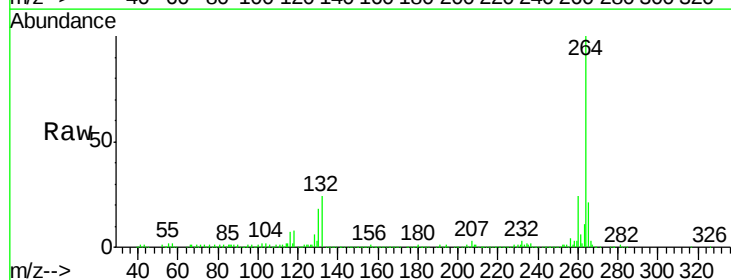
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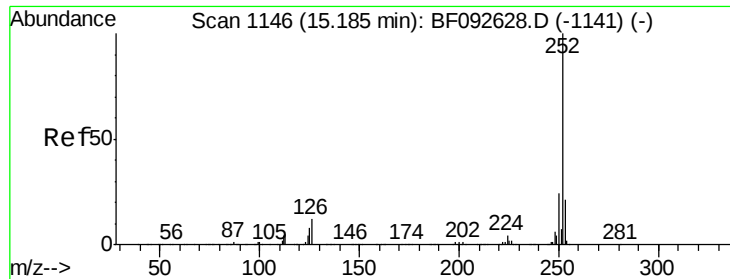
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.3	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 39.75 ng m

RT: 15.09 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

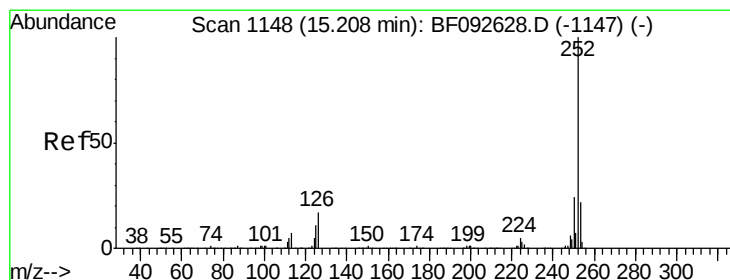
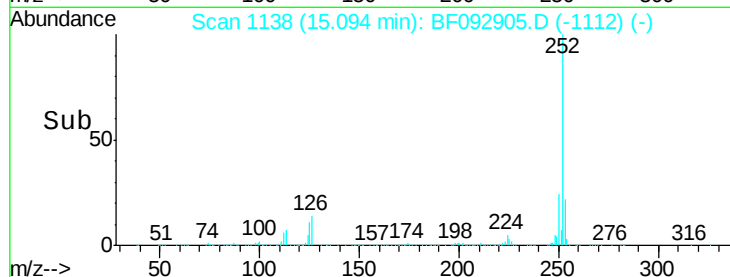
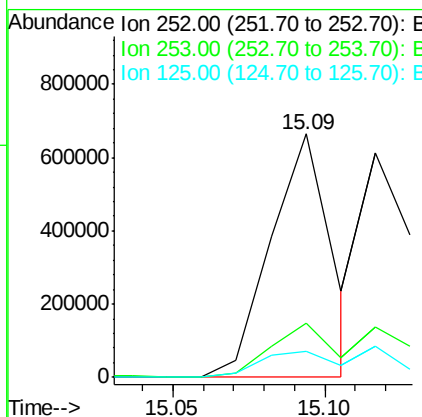
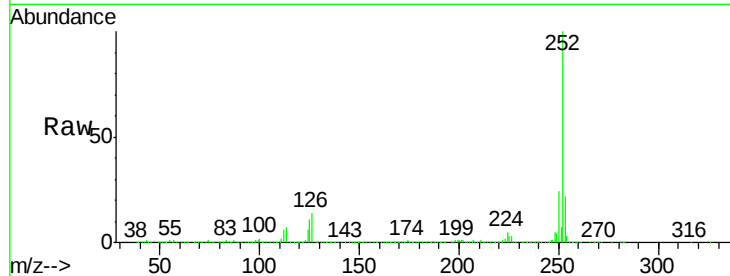
ClientSampleId :

38-SB-02-0-2MSD

Tgt Ion:	252	Resp:	913463
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.2	27.4
125	10.7	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 35.82 ng m

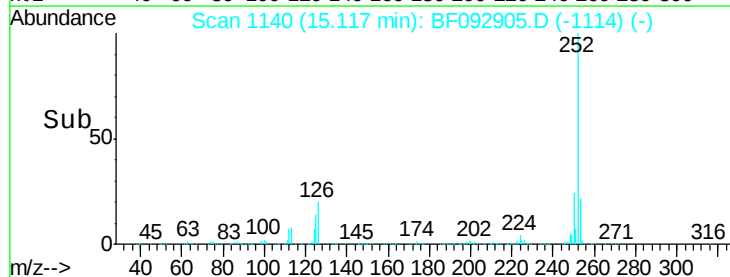
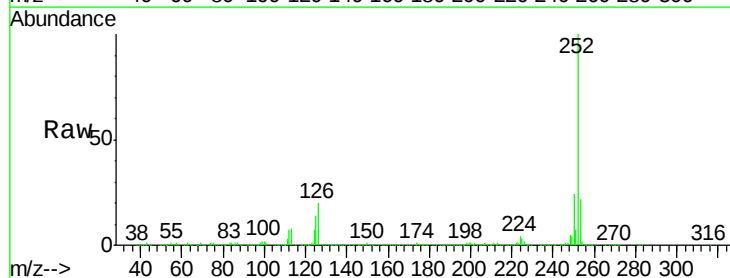
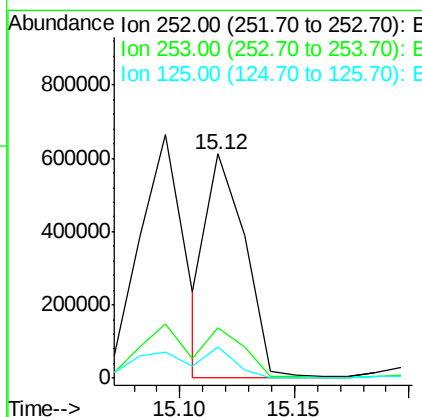
RT: 15.12 min Scan# 1140

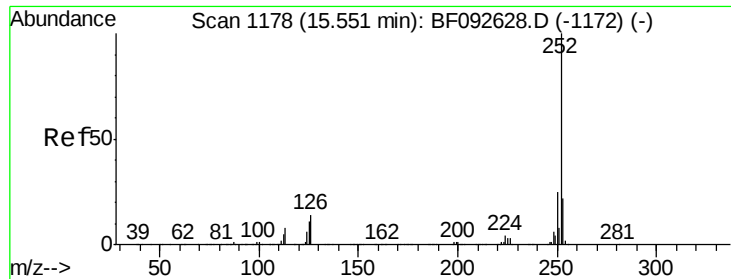
Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Tgt Ion:	252	Resp:	710640
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.5	27.7
125	14.0	8.9	13.3#





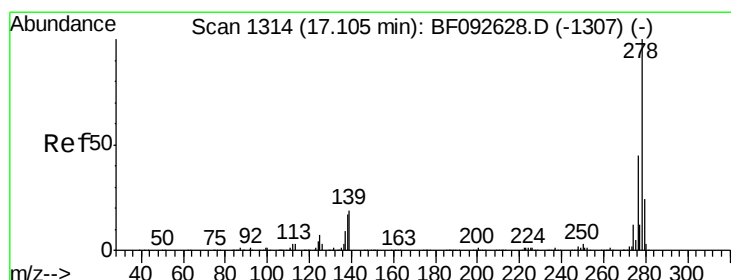
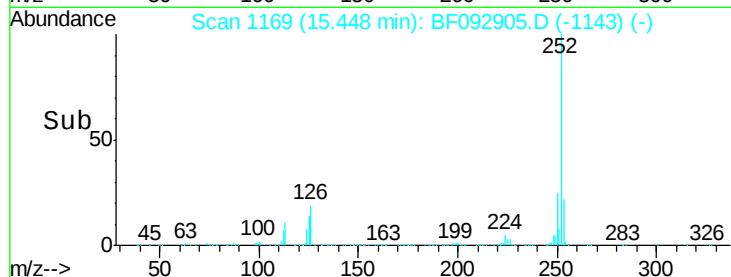
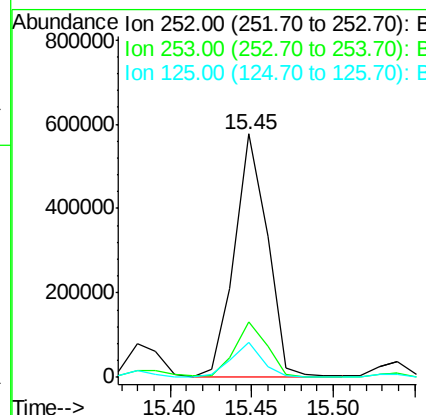
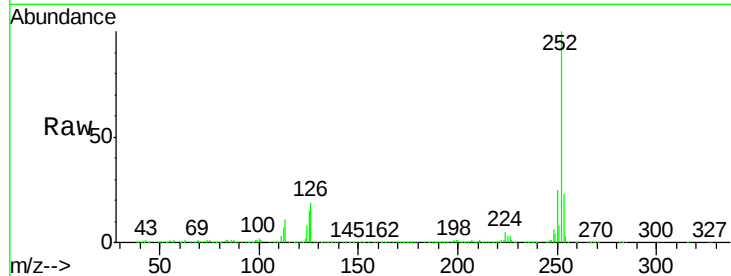
#89
Benzo(a)pyrene
Concen: 40.28 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	14.6	10.0	15.0

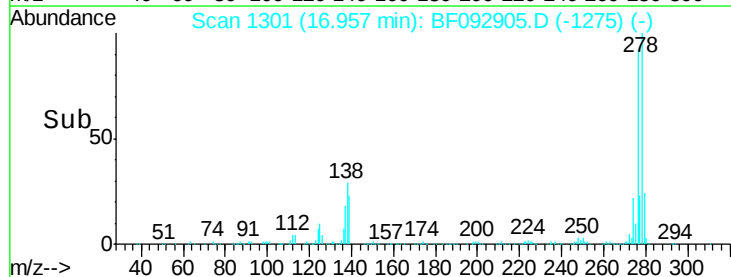
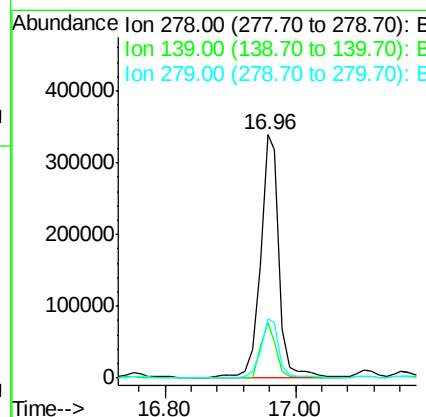
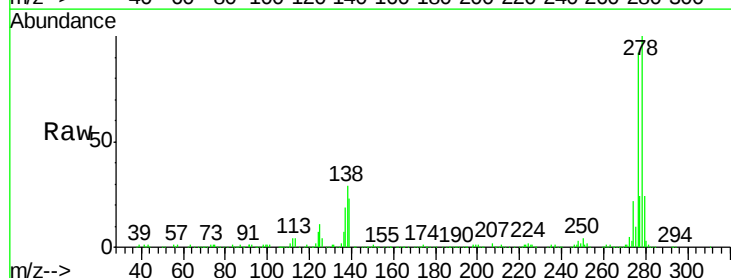
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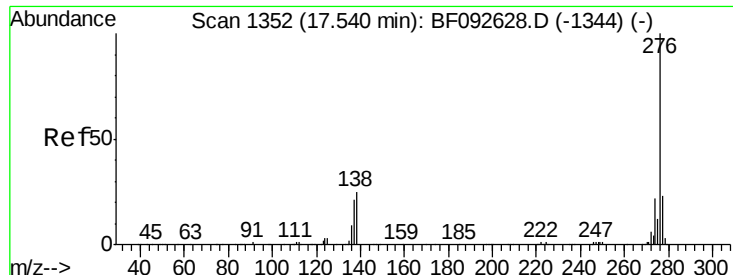
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#90
Dibenzo(a,h)anthracene
Concen: 41.88 ng
RT: 16.96 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.7	14.8	22.2#
279	24.1	19.8	29.6





#91
 Benzo(g,h,i)perylene
 Concen: 46.57 ng
 RT: 17.38 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-02-0-2MSD

Tgt	Ion	276	Resp:	755821
	Ratio	100	Lower	Upper
	276	100		
	277	23.7	19.2	28.8
	138	28.7	16.0	24.0

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