

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
 Data File : BF092242.D
 Acq On : 13 Jan 2017 11:52
 Operator : UM/SJ
 Sample : I1131-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

Manual Integrations
 APPROVED

Sohil
 1/16/2017 12:00:34 PM

Quant Time: Jan 16 09:49:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 13 12:48:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	221495	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	806165	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	430025	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	523473	20.00	ng	0.00
75) Chrysene-d12	13.73	240	304232	20.00	ng	0.00
86) Perylene-d12	15.09	264	344809	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	1682659	126.85	ng	0.02
7) Phenol-d6	6.27	99	2076598	128.22	ng	0.01
23) Nitrobenzene-d5	7.17	82	1275596	87.99	ng	0.01
41) 2,4,6-Tribromophenol	10.42	330	390299	109.67	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	1693250	79.90	ng	0.00
78) Terphenyl-d14	12.69	244	1147089	91.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.07	88	188693	28.89	ng	96
3) Pyridine	2.70	79	515049	22.60	ng	97
4) n-Nitrosodimethylamine	2.66	42	268701	31.25	ng	97
6) Aniline	6.26	93	414961	19.73	ng	# 63
8) 2-Chlorophenol	6.38	128	613184	40.64	ng	91
9) Benzaldehyde	6.13	77	34811	2.65	ng	97
10) Phenol	6.28	94	834119	45.20	ng	# 62
11) bis(2-Chloroethyl)ether	6.34	93	552976	37.66	ng	98
12) 1,3-Dichlorobenzene	6.53	146	551720	34.25	ng	98
13) 1,4-Dichlorobenzene	6.60	146	550200m	33.56	ng	
14) 1,2-Dichlorobenzene	6.76	146	489966	34.44	ng	98
15) Benzyl Alcohol	6.75	79	395929	31.46	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.88	45	821416	37.56	ng	# 50
17) 2-Methylphenol	6.88	107	467664	38.54	ng	# 89
18) Hexachloroethane	7.10	117	209359	34.44	ng	95
19) n-Nitroso-di-n-propylamine	7.02	70	419591	38.94	ng	97
20) 3+4-Methylphenols	7.03	107	595451	41.14	ng	# 70
22) Acetophenone	7.01	105	882955	44.40	ng	# 92
24) Nitrobenzene	7.18	77	618397	40.05	ng	97
25) Isophorone	7.42	82	1221045	45.65	ng	95
26) 2-Nitrophenol	7.50	139	291268	38.25	ng	90
27) 2,4-Dimethylphenol	7.56	122	472576	37.42	ng	98
28) bis(2-Chloroethoxy)methane	7.64	93	558521	34.43	ng	98
29) 2,4-Dichlorophenol	7.75	162	423677	39.62	ng	93
30) 1,2,4-Trichlorobenzene	7.82	180	415807	35.48	ng	97
31) Naphthalene	7.90	128	1538036	41.69	ng	98
32) Benzoic acid	7.66	122	24259	2.59	ng	90
33) 4-Chloroaniline	7.96	127	233743	14.05	ng	97
34) Hexachlorobutadiene	8.02	225	215696	34.87	ng	100
35) Caprolactam	8.34	113	115486	32.86	ng	# 63
36) 4-Chloro-3-methylphenol	8.47	107	447014	36.32	ng	# 83
37) 2-Methylnaphthalene	8.59	142	927680	39.82	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	435459	40.08	ng	99
40) Hexachlorocyclopentadiene	8.75	237	187685	40.84	ng	98

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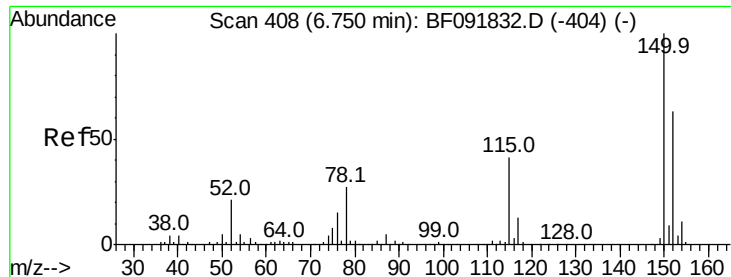
Manual Integrations
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 1/16/2017 12:00:34 PM

Quant Time: Jan 16 09:49:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 13 12:48:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	267042	35.15	nq	97
43) 2,4,5-Trichlorophenol	8.93	196	251871	32.21	nq	99
45) 1,1'-Biphenyl	9.06	154	1076129	36.55	nq	98
46) 2-Chloronaphthalene	9.08	162	879784	37.73	nq	99
47) 2-Nitroaniline	9.18	65	286487	34.51	nq	99
48) Acenaphthylene	9.49	152	1273276	35.51	nq	98
49) Dimethylphthalate	9.36	163	1254776	45.62	nq	98
50) 2,6-Dinitrotoluene	9.43	165	214581	35.65	nq	# 82
51) Acenaphthene	9.66	154	930595	38.28	nq	100
52) 3-Nitroaniline	9.59	138	157406	21.13	nq	100
53) 2,4-Dinitrophenol	9.71	184	64367	19.22	nq	# 43
54) Dibenzofuran	9.83	168	1132911	34.51	nq	96
55) 4-Nitrophenol	9.79	139	239876	47.42	nq	92
56) 2,4-Dinitrotoluene	9.83	165	262583	34.75	nq	88
57) Fluorene	10.18	166	843619	35.32	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	214443	34.67	nq	98
59) Diethylphthalate	10.06	149	971807	36.38	nq	99
60) 4-Chlorophenyl-phenylether	10.16	204	346682	33.15	nq	99
61) 4-Nitroaniline	10.21	138	235649	30.52	nq	90
62) Azobenzene	10.32	77	1067523	36.30	nq	99
64) 4,6-Dinitro-2-methylphenol	10.24	198	104837	33.12	nq	82
65) n-Nitrosodiphenylamine	10.29	169	725452	46.70	nq	99
66) 4-Bromophenyl-phenylether	10.66	248	283448	52.05	nq	# 87
67) Hexachlorobenzene	10.71	284	244949	42.08	nq	# 78
68) Atrazine	10.83	200	229475	45.80	nq	97
69) Pentachlorophenol	10.92	266	189523	66.36	nq	99
70) Phenanthrene	11.12	178	1368930	48.23	nq	99
71) Anthracene	11.18	178	1282374	55.22	nq	97
72) Carbazole	11.34	167	1073232	46.70	nq	98
73) Di-n-butylphthalate	11.67	149	1288875	48.21	nq	99
74) Fluoranthene	12.31	202	1590563	65.62	nq	92
76) Benzidine	12.44	184	160822	17.24	nq	96
77) Pyrene	12.53	202	1342267	60.13	nq	99
79) Butylbenzylphthalate	13.17	149	452222	44.54	nq	# 75
80) Benzo(a)anthracene	13.72	228	978532	56.98	nq	99
81) 3,3'-Dichlorobenzidine	13.69	252	179497	27.56	nq	98
82) Chrysene	13.75	228	776387	45.07	nq	99
83) Bis(2-ethylhexyl)phthalate	13.73	149	585616	48.98	nq	# 99
84) Di-n-octyl phthalate	14.34	149	1014790	45.82	nq	98
85) Indeno(1,2,3-cd)pyrene	16.34	276	833431	55.85	nq	99
87) Benzo(b)fluoranthene	14.73	252	1066664m	49.69	nq	
88) Benzo(k)fluoranthene	14.75	252	712741m	38.93	nq	
89) Benzo(a)pyrene	15.03	252	890131	46.72	nq	99
90) Dibenzo(a,h)anthracene	16.35	278	654385m	41.78	nq	
91) Benzo(g,h,i)perylene	16.70	276	699668	42.96	nq	97

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



#1

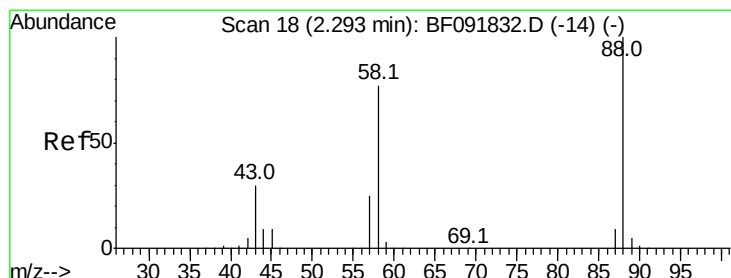
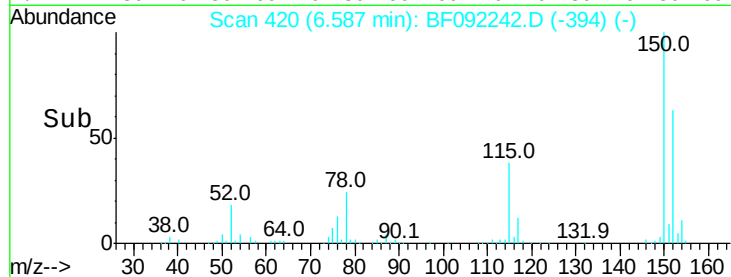
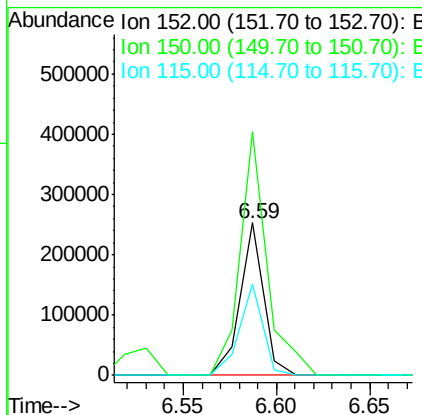
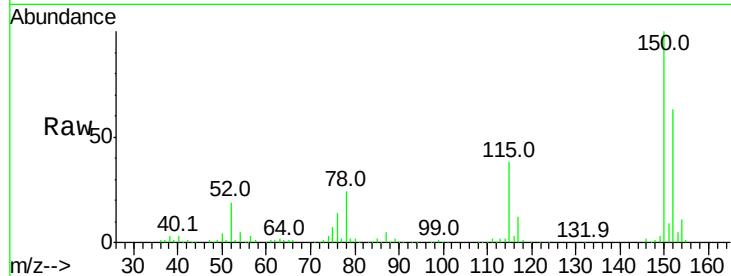
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Instrument :
BNA_F
ClientSampled :
SW-001MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.9	187.3
115	60.2	46.0	69.0

Manual Integrations
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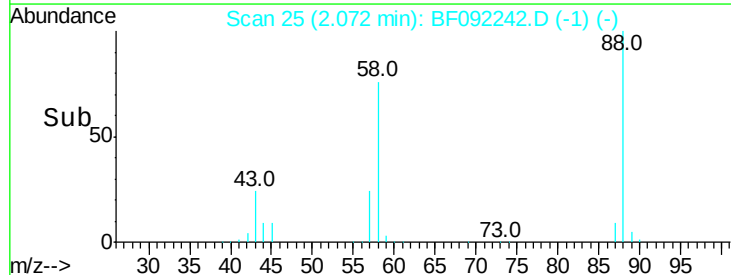
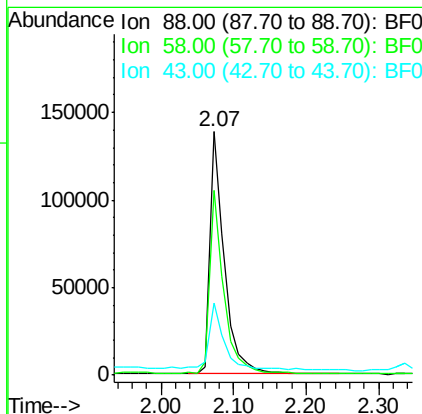
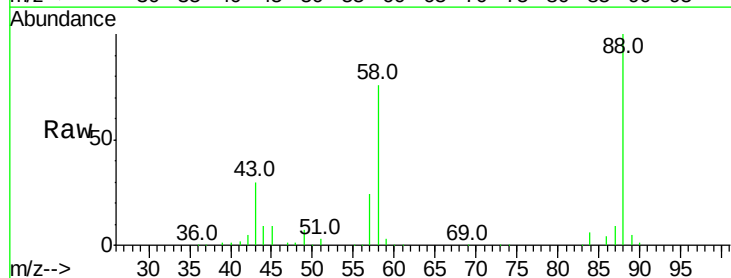
Sohil
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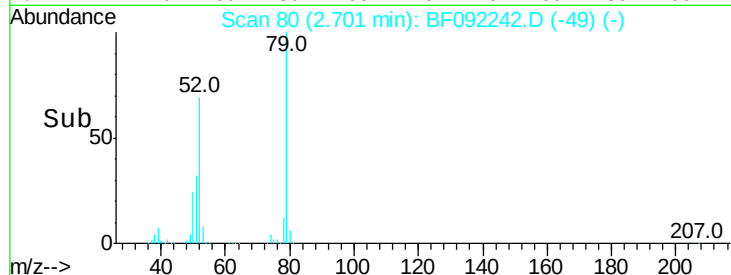
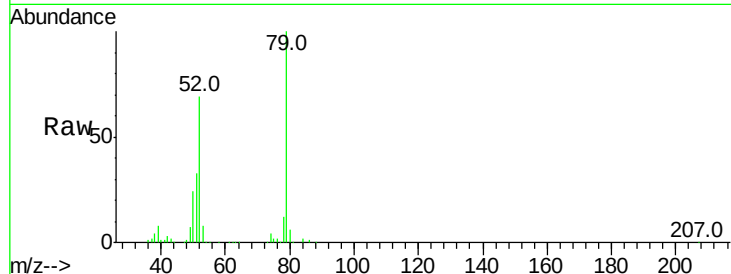
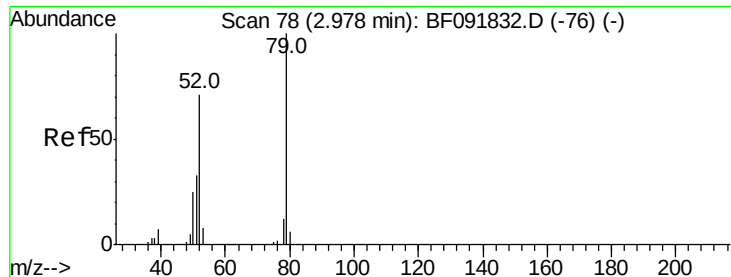


#2

1,4-Dioxane
Concen: 28.89 ng
RT: 2.07 min Scan# 25
Delta R.T. 0.06 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.7	57.8	86.8
43	30.9	22.3	33.5





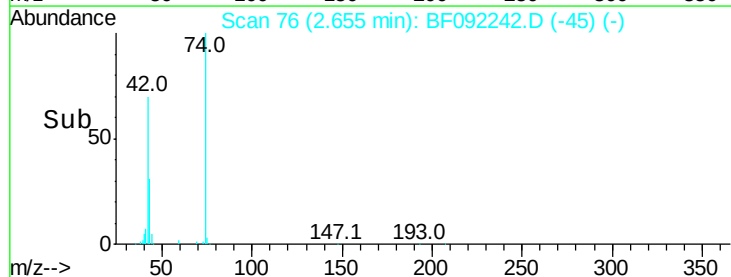
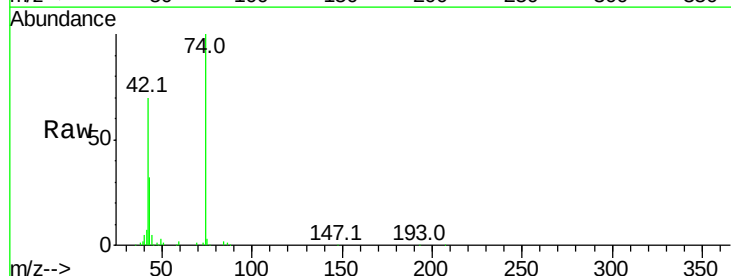
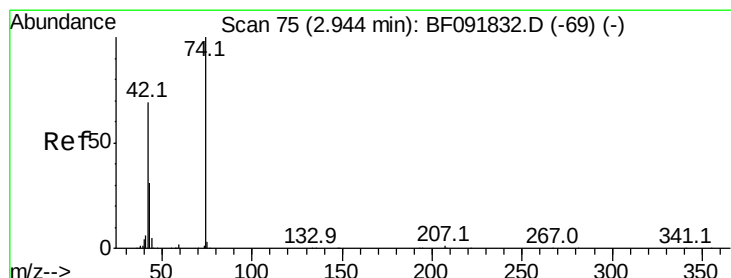
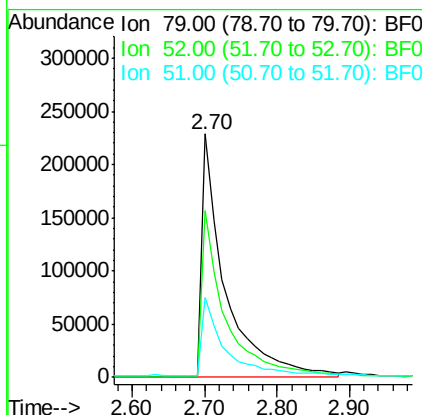
#3
Pvridine
Concen: 22.60 ng
RT: 2.70 min Scan# 80
Delta R.T. 0.06 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.6	57.1	85.7
51	32.9	27.3	40.9

Instrument :
BNA_F
ClientSampleId :
SW-001MS

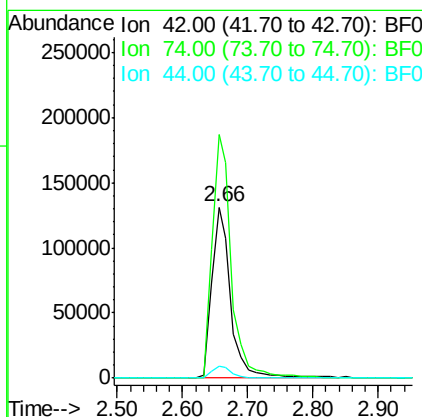
Manual Integrations
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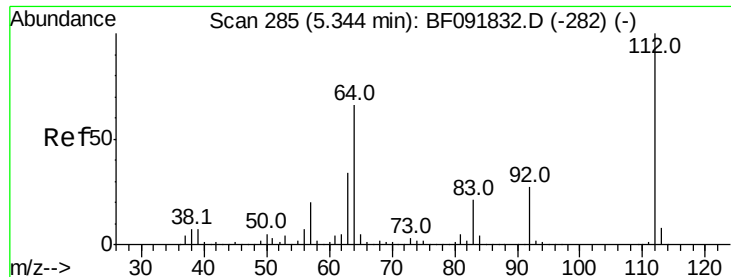
Sohil
1/16/2017 12:00:34 PM



#4
n-Nitrosodimethylamine
Concen: 31.25 ng
RT: 2.66 min Scan# 76
Delta R.T. 0.06 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.1	117.0	175.4
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 126.85 ng

RT: 5.19 min Scan# 298

Delta R.T. 0.02 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

ClientSampled :

SW-001MS

Tot Ion:112 Resp: 1682659

Ion Ratio Lower Upper

112 100

64 54.0 46.1 69.1

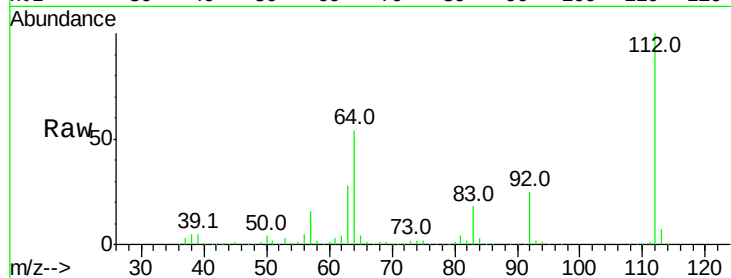
63 27.6 23.8 35.6

Manual Integrations

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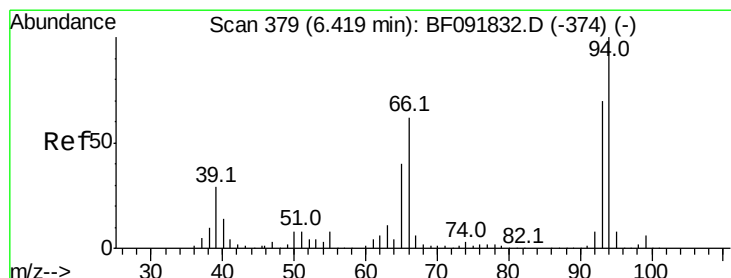
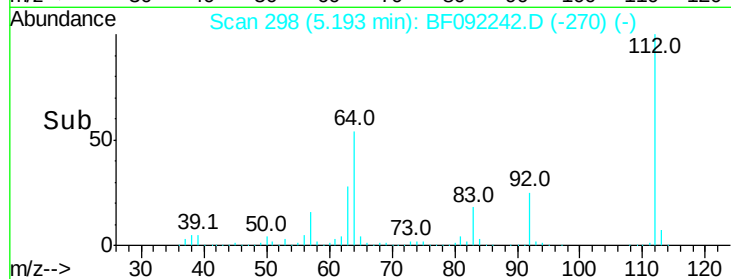
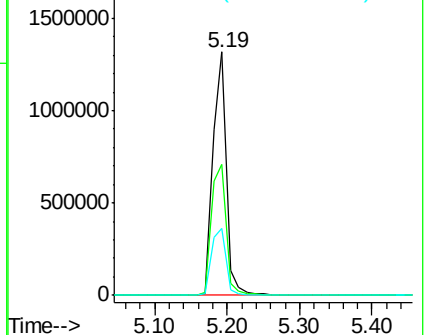
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.73 ng

RT: 6.26 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

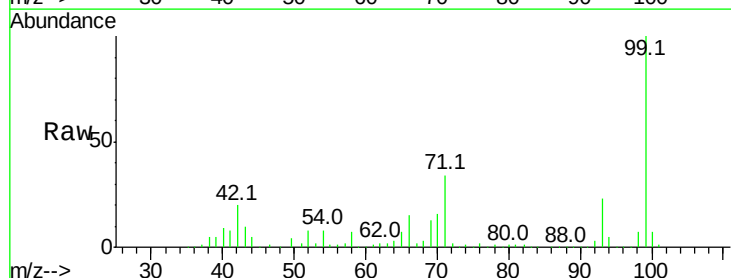
Tgt Ion: 93 Resp: 414961

Ion Ratio Lower Upper

93 100

66 64.0 76.2 114.2#

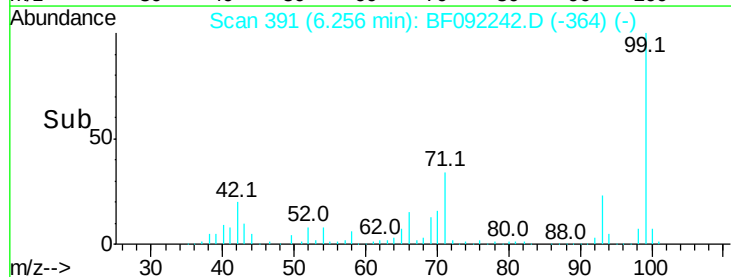
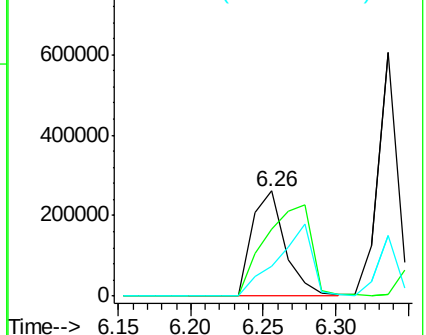
65 27.8 49.3 73.9#

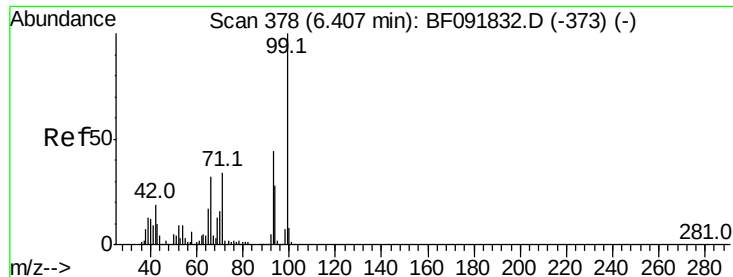


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.22 ng

RT: 6.27 min Scan# 392

Delta R.T. 0.01 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SW-001MS

Tot Ion: 99 Resp: 2076598

Ion Ratio Lower Upper

99 100

42 16.1 15.6 23.4

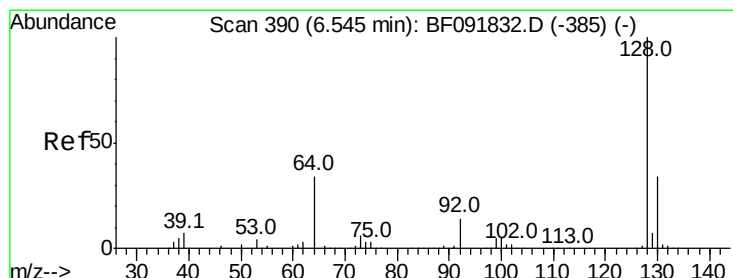
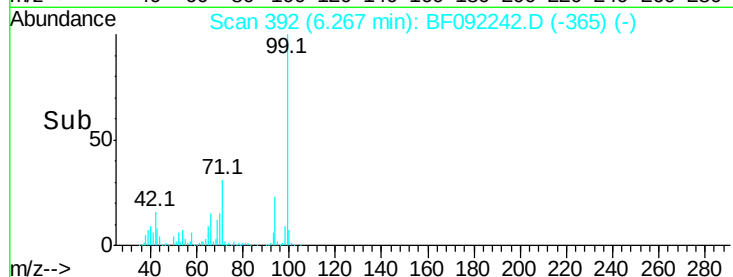
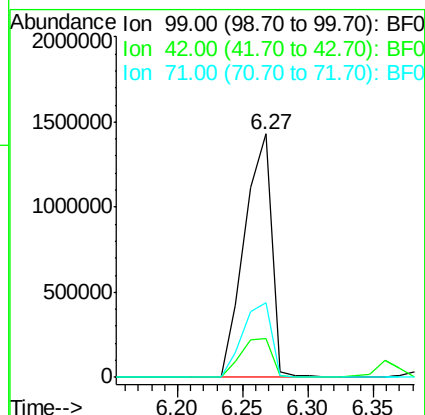
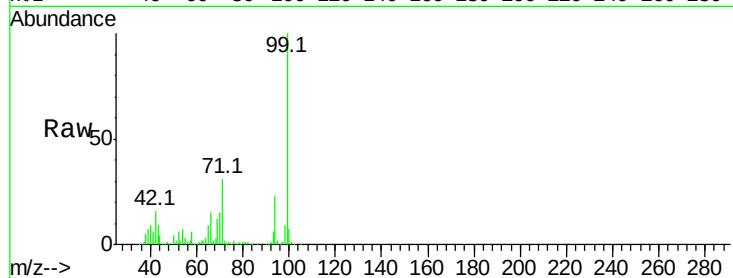
71 30.7 27.5 41.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 40.64 ng

RT: 6.38 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

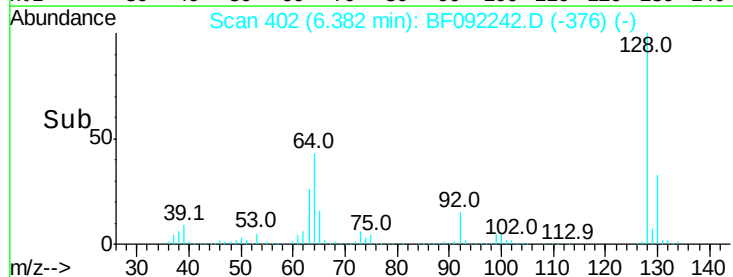
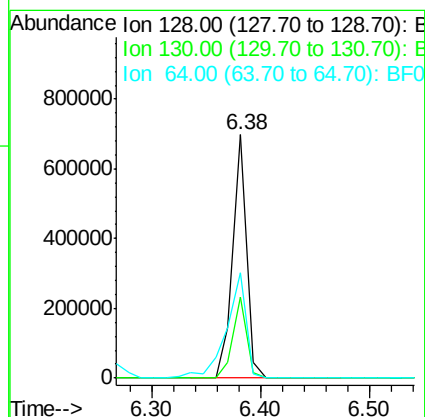
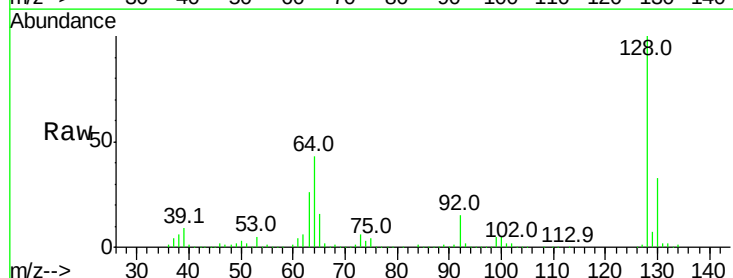
Tgt Ion:128 Resp: 613184

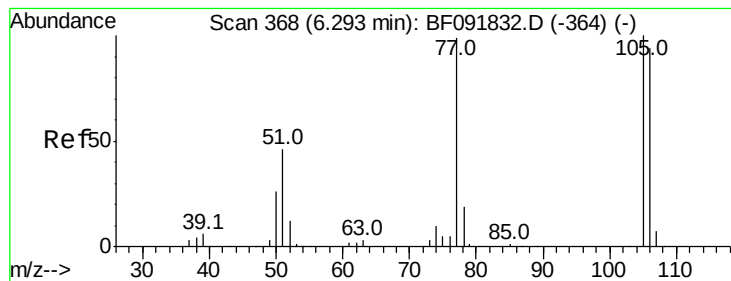
Ion Ratio Lower Upper

128 100

130 33.2 12.3 52.3

64 43.1 32.2 72.2





#9

Benzaldehyde

Concen: 2.65 ng

RT: 6.13 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

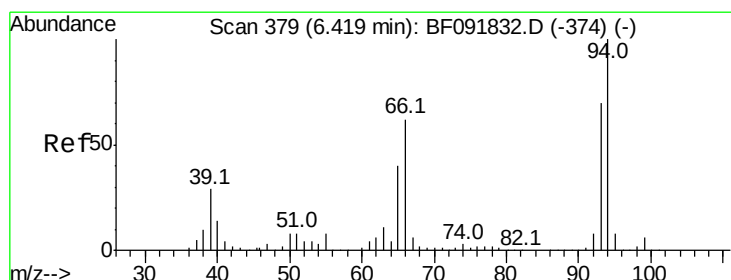
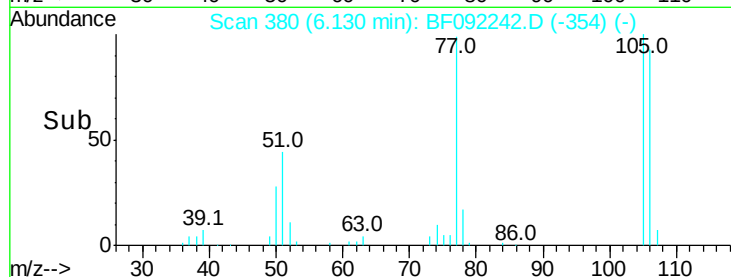
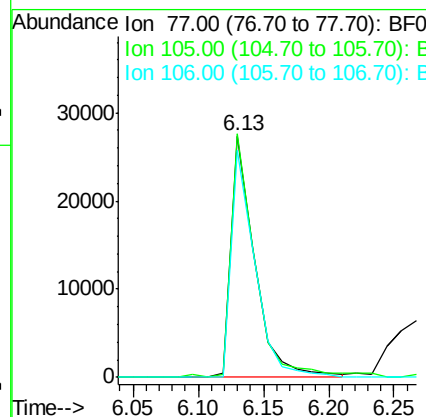
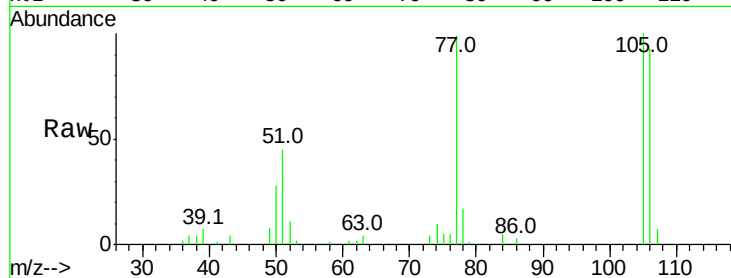
ClientSampleId :

SW-001MS

Tot Ion:	77	Resp:	34811
Ion	Ratio	Lower	Upper
77	100		
105	101.0	83.9	123.9
106	94.3	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 45.20 ng

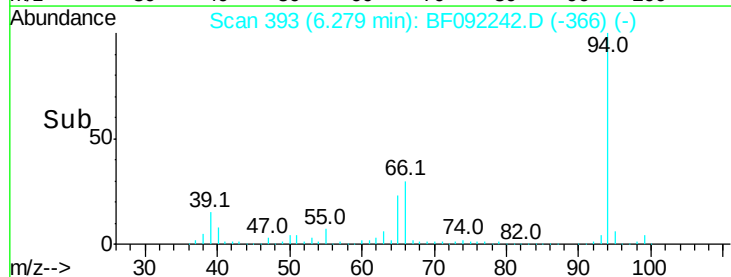
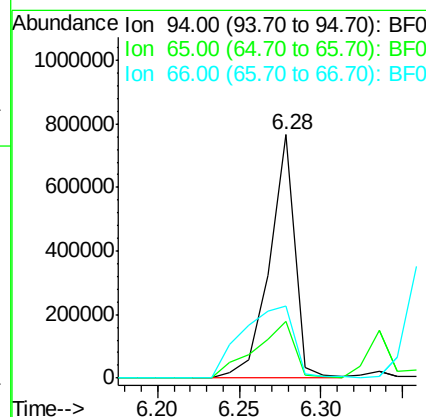
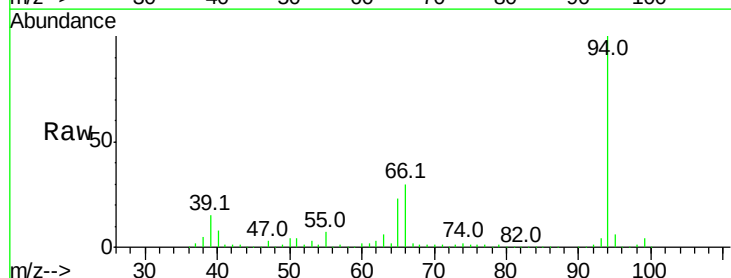
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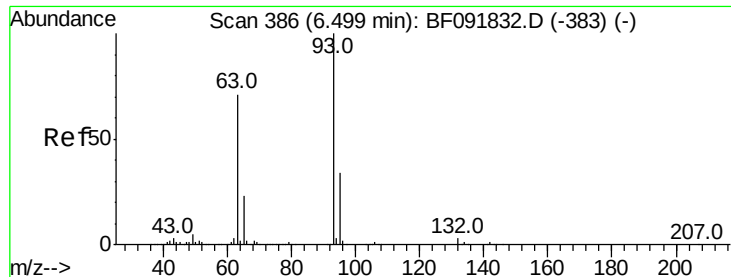
Delta R.T. 0.01 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Tgt Ion:	94	Resp:	834119
Ion	Ratio	Lower	Upper
94	100		
65	23.4	21.4	61.4
66	29.6	44.0	84.0#





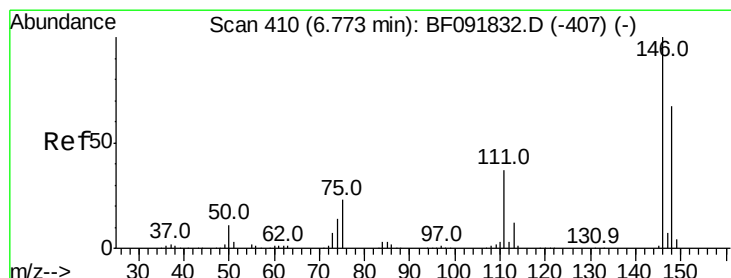
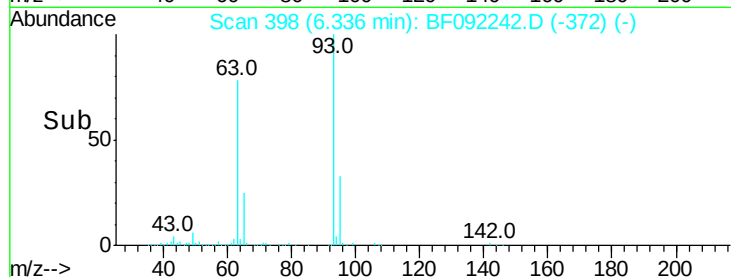
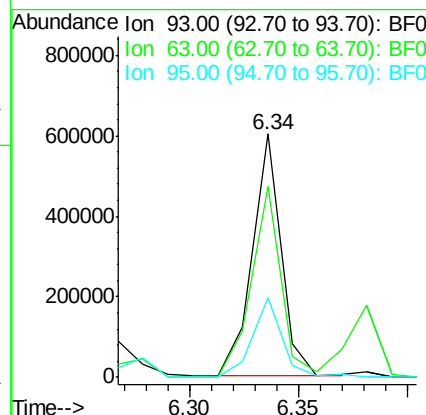
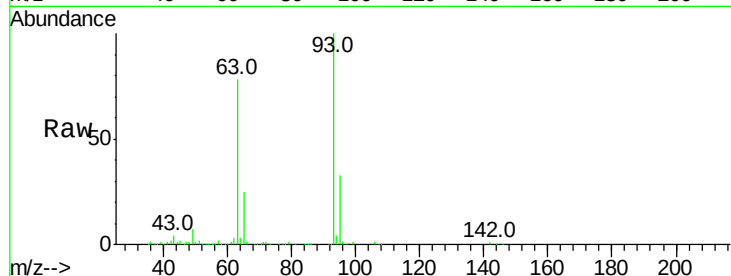
#11
bis(2-Chloroethyl)ether
Concen: 37.66 ng
RT: 6.34 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.3	60.4	100.4
95	32.5	12.8	52.8

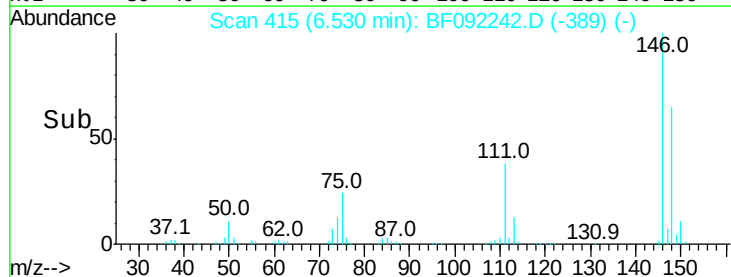
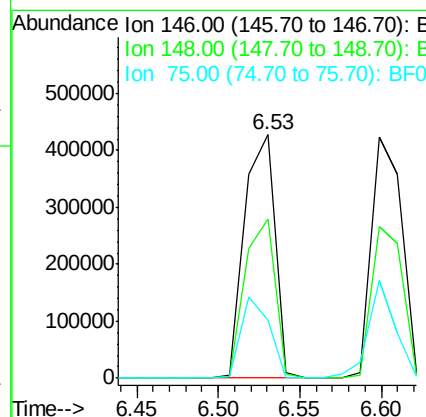
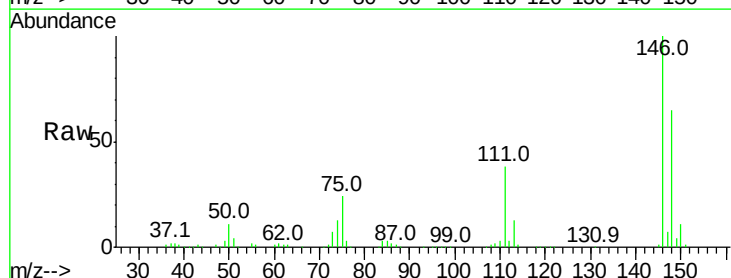
Manual Integrations
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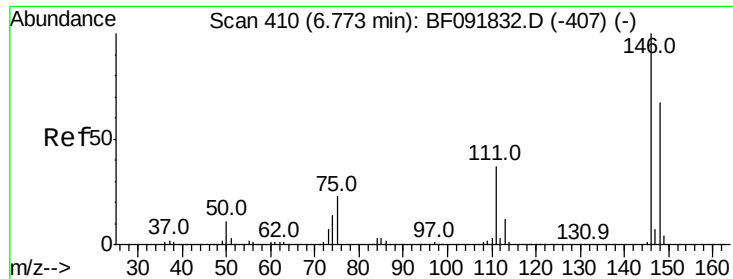
Sohil
1/16/2017 12:00:34 PM



#12
1,3-Dichlorobenzene
Concen: 34.25 ng
RT: 6.53 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	53.4	80.0
75	23.7	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 33.56 ng/mL

RT: 6.60 min Scan# 421

Delta R.T. 0.07 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

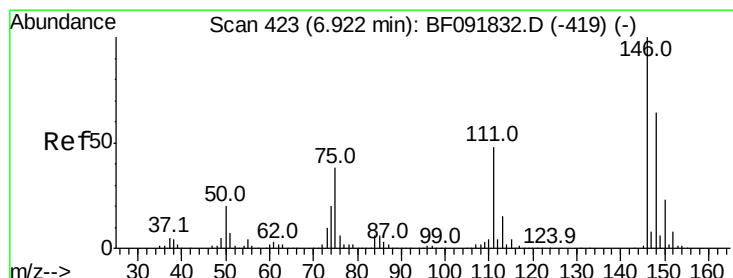
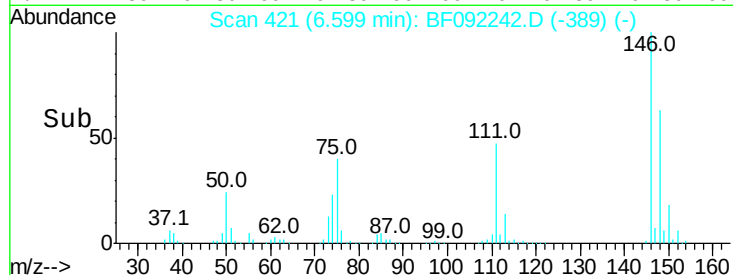
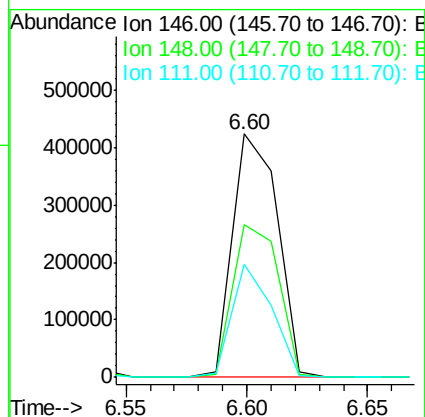
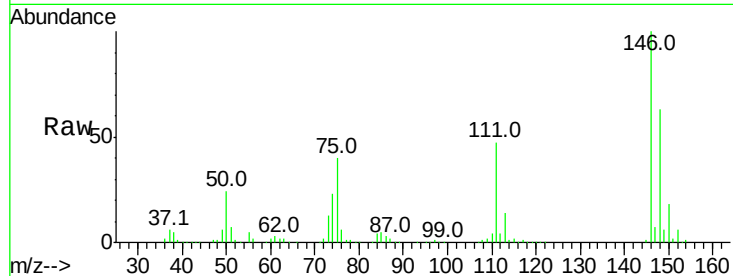
ClientSampled :

SW-001MS

Tot Ion:	146	Resp:	550200
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.6	76.0
111	46.6	36.2	54.4

Manual Integrations
APPROVED

Sohil
1/16/2017 12:00:34 PM



#14

1,2-Dichlorobenzene

Concen: 34.44 ng/mL

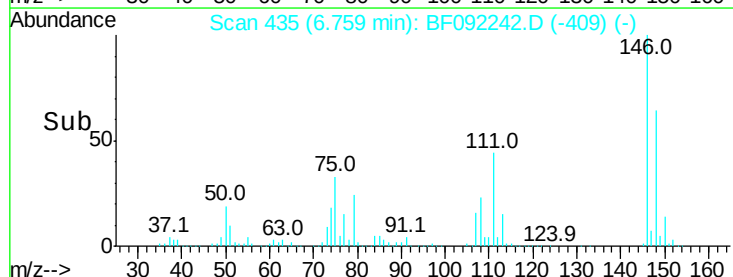
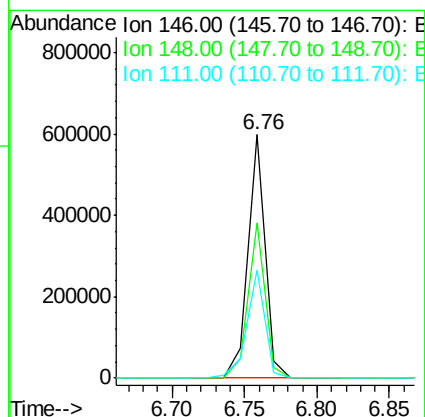
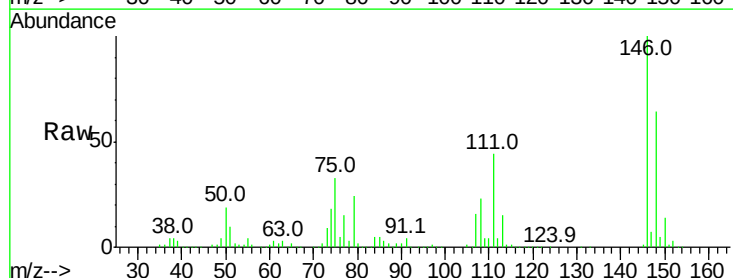
RT: 6.76 min Scan# 435

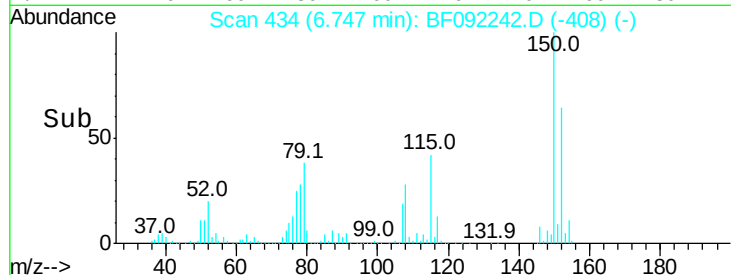
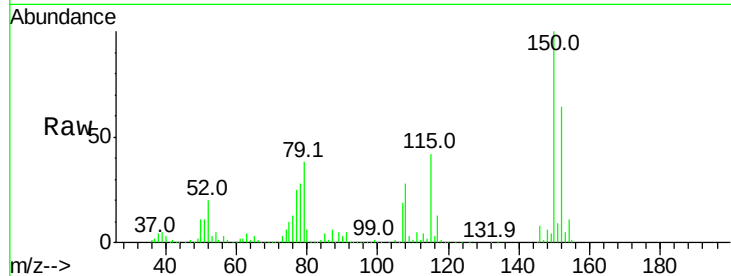
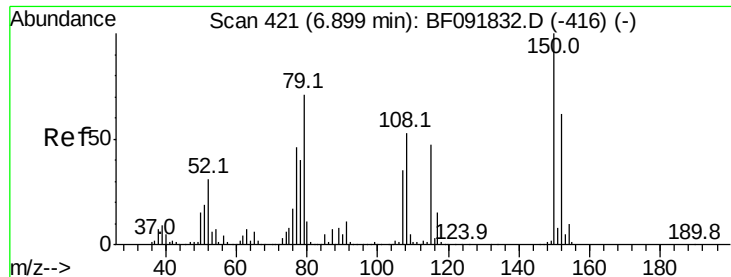
Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Tgt Ion:	146	Resp:	489966
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.2	78.2
111	44.2	36.2	54.2





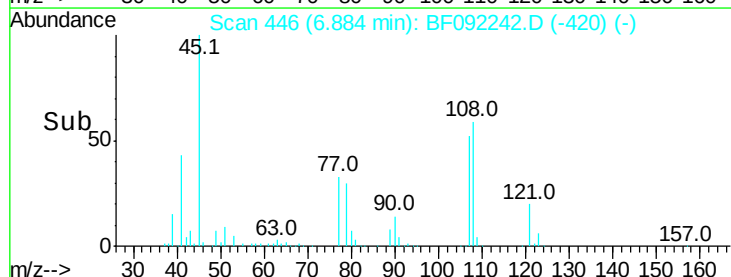
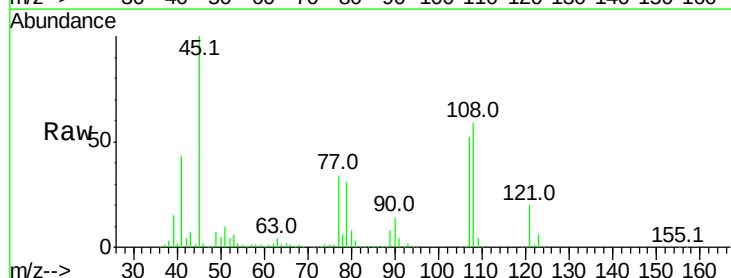
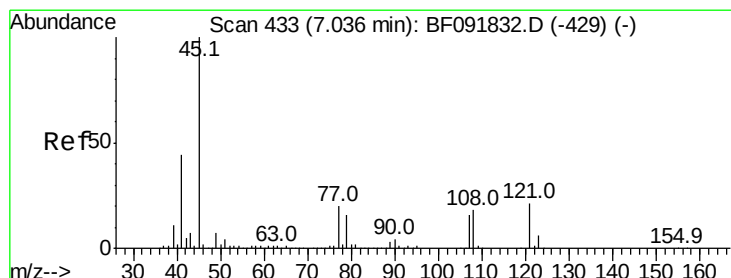
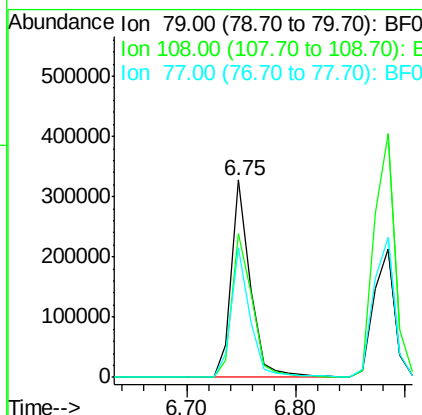
#15
Benzyl Alcohol
Concen: 31.46 ng
RT: 6.75 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	72.9		61.4	92.0
77	65.7		50.9	76.3

Instrument :
BNA_F
ClientSampled :
SW-001MS

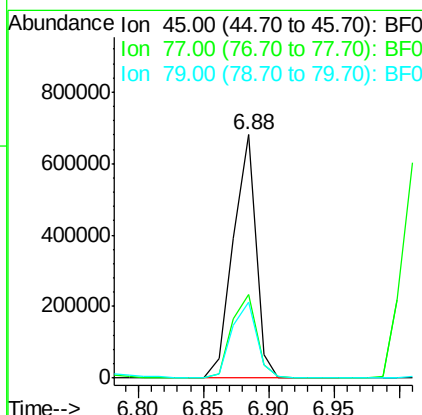
Manual Integrations
APPROVED

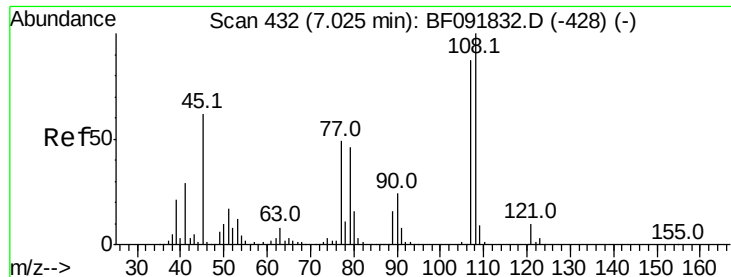
Sohil
1/16/2017 12:00:34 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.56 ng
RT: 6.88 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	34.1		0.0	34.6
79	31.3		0.0	31.2#





#17

2-Methylphenol

Concen: 38.54 ng

RT: 6.88 min Scan# 446

Delta R.T. 0.01 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

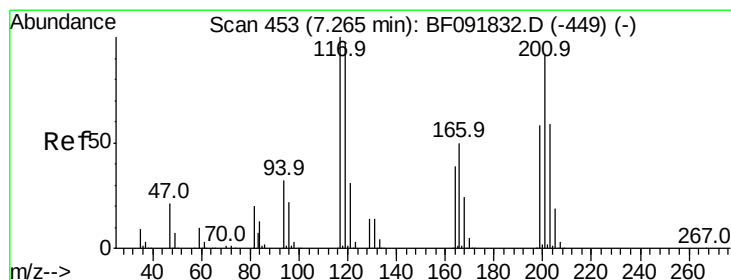
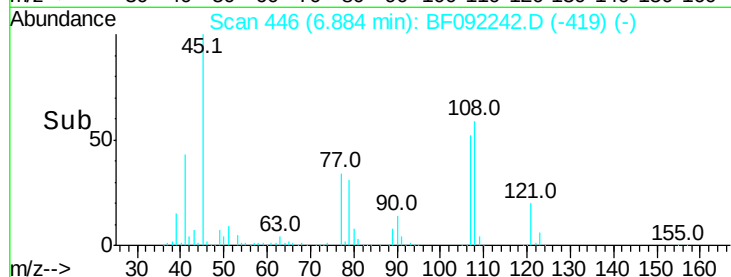
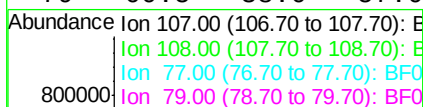
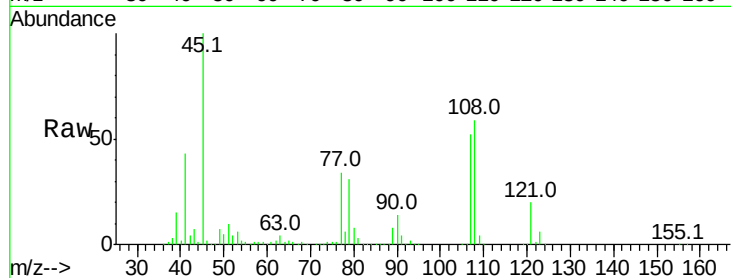
ClientSampleId :

SW-001MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.7	93.0	139.6
77	65.9	39.8	59.8#
79	60.5	38.0	57.0#

Manual Integrations
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1/16/2017 12:00:34 PM



#18

Hexachloroethane

Concen: 34.44 ng

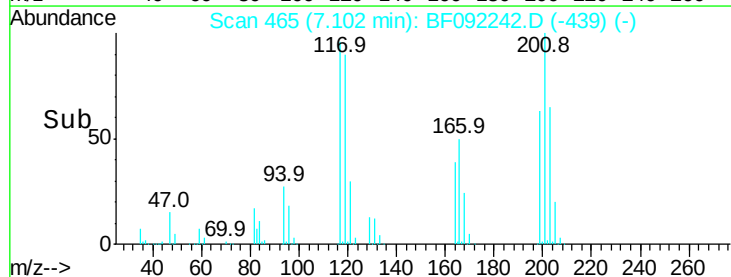
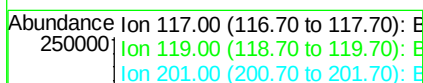
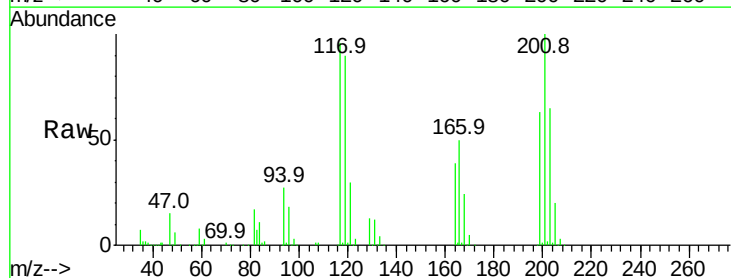
RT: 7.10 min Scan# 465

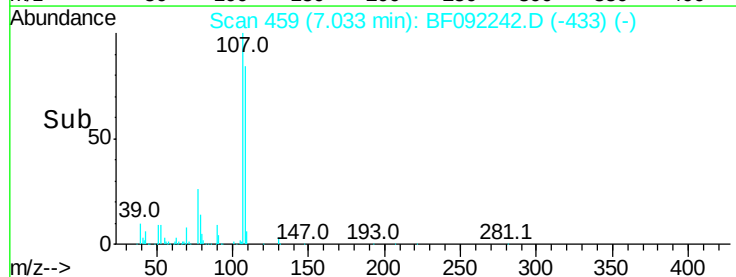
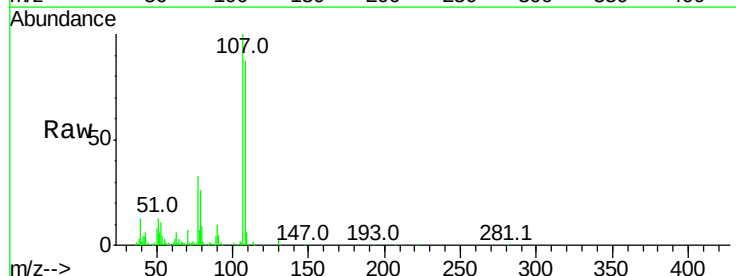
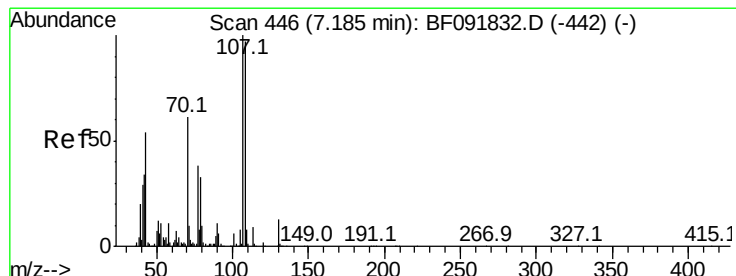
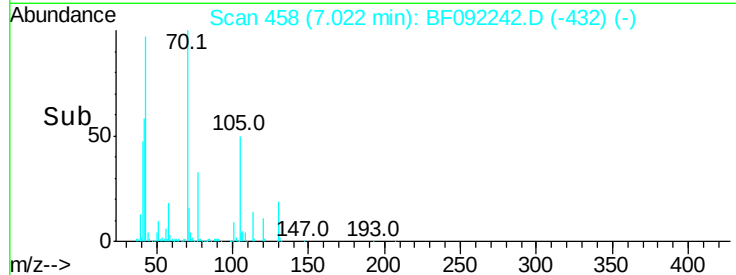
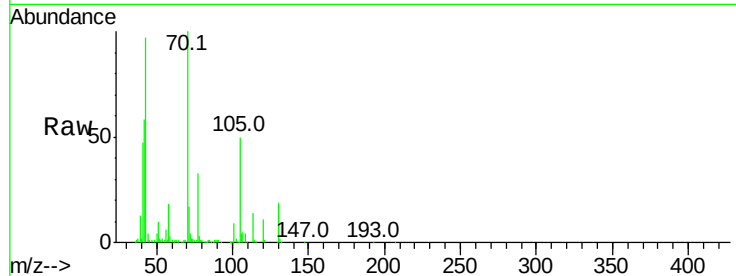
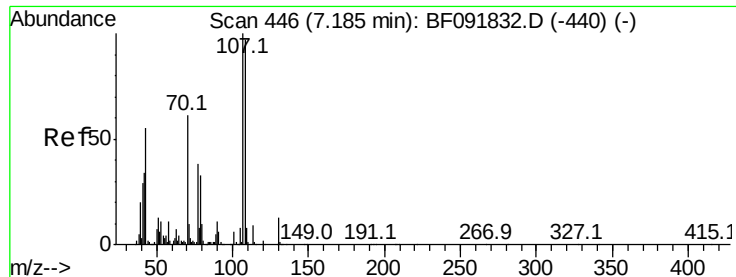
Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	78.1	117.1
201	103.7	78.6	117.8





#19

n-Nitroso-di-n-propylamine

Concen: 38.94 ng

RT: 7.02 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF092242.D

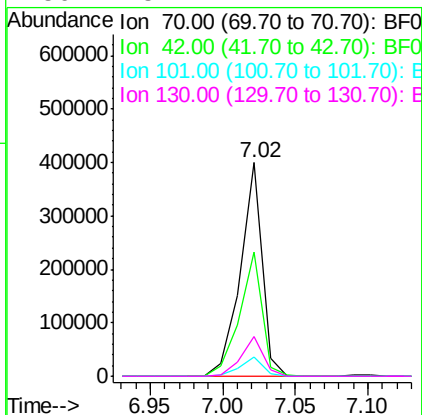
Acq: 13 Jan 2017 11:52

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.3	49.4	74.0	
101	9.1	7.4	11.2	
130	18.7	14.2	21.4	

Manual Integrations
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#20

3+4-Methylphenols

Concen: 41.14 ng

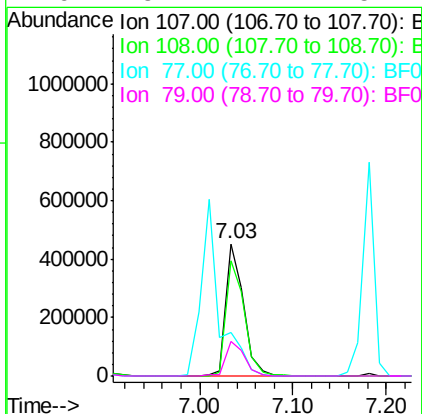
RT: 7.03 min Scan# 459

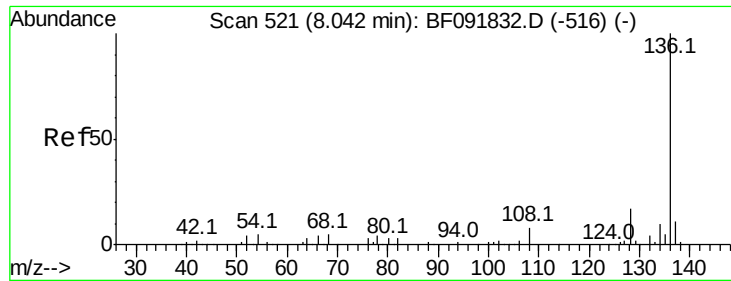
Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.9	73.0	113.0	
77	33.0	71.3	111.3#	
79	25.7	11.1	51.1	





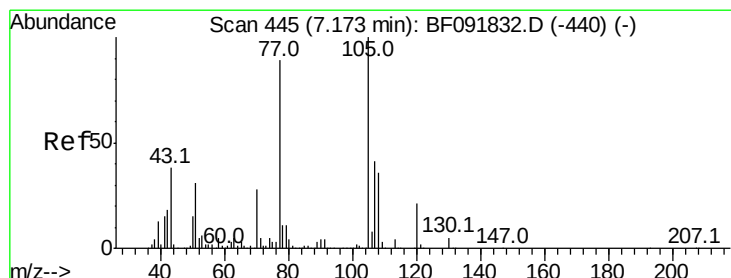
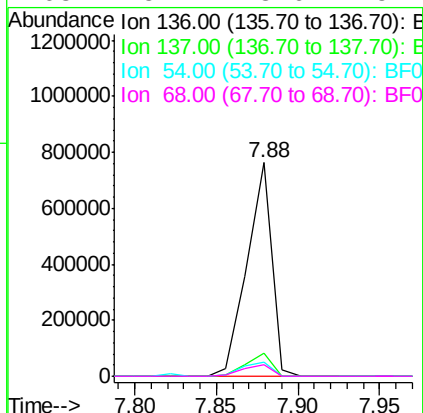
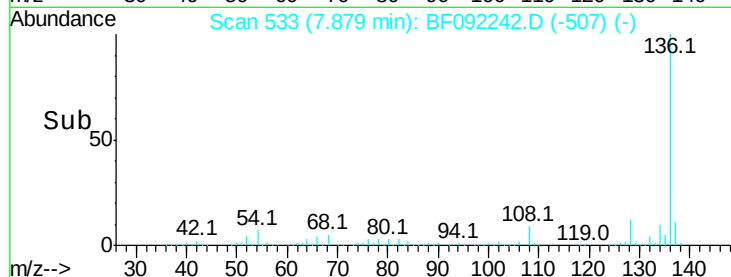
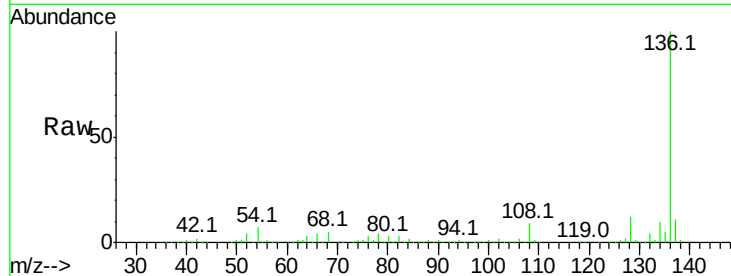
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.4	12.6	
54	6.7	4.5	6.7	
68	5.2	3.6	5.4	

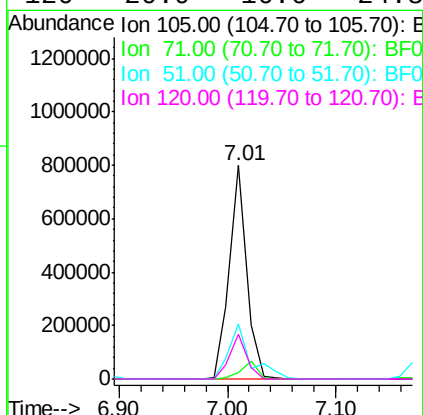
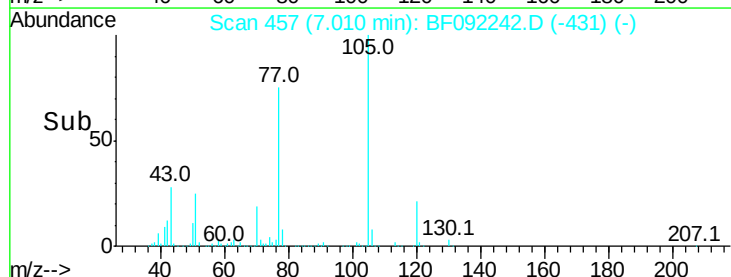
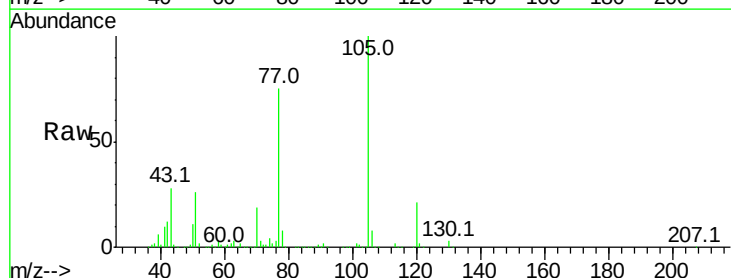
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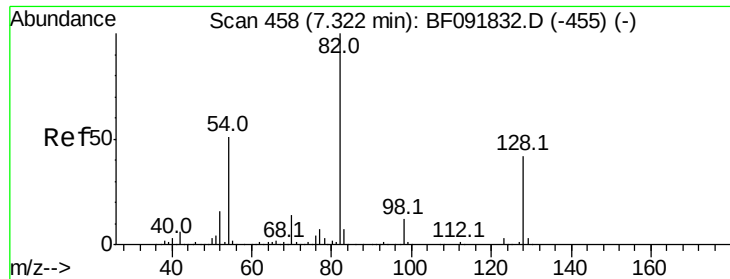
Sohil
1/16/2017 12:00:34 PM



#22
Acetophenone
Concen: 44.40 ng
RT: 7.01 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.2	3.2	4.8#	
51	25.5	26.2	39.4#	
120	20.9	16.6	24.8	





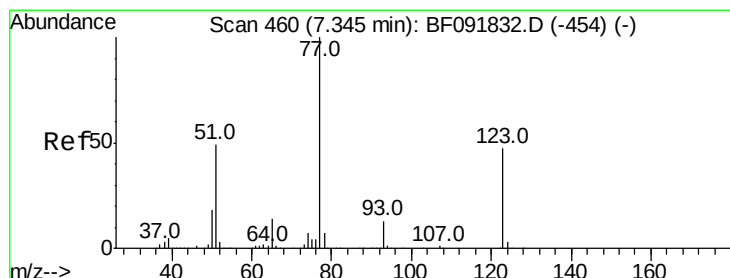
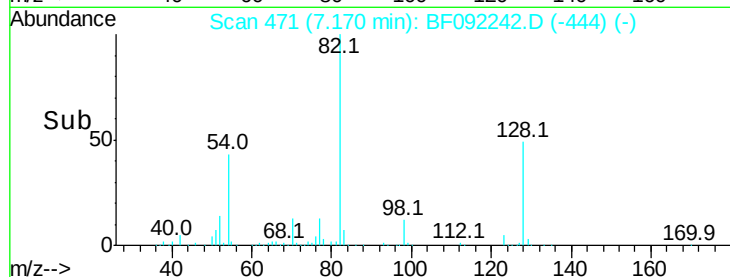
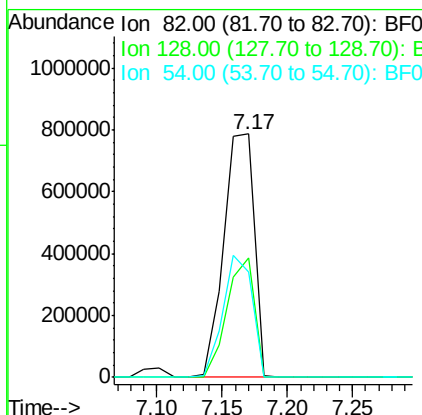
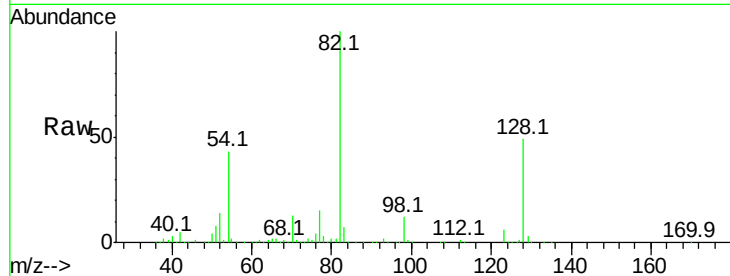
#23
 Nitrobenzene-d5
 Concen: 87.99 ng
 RT: 7.17 min Scan# 471
 Delta R.T. 0.01 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Instrument :
 BNA_F
 ClientSampled :
 SW-001MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.0	34.6	52.0
54	43.3	39.5	59.3

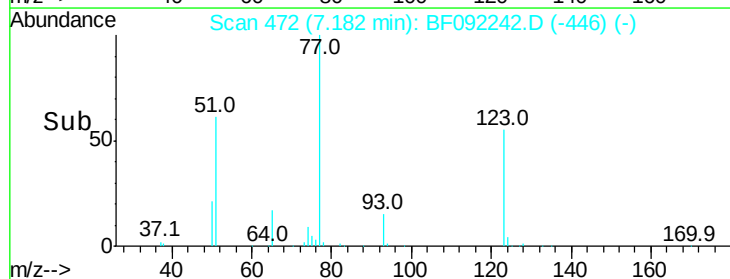
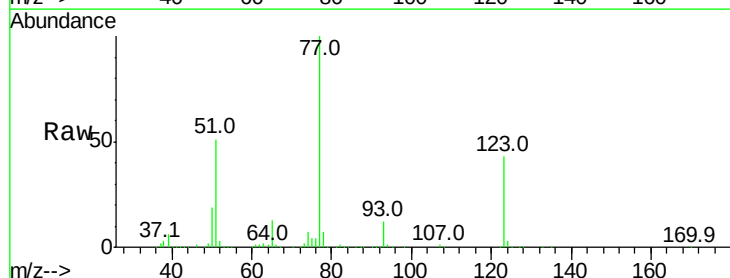
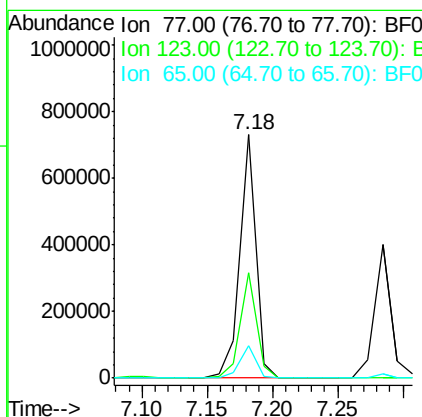
Manual Integrations
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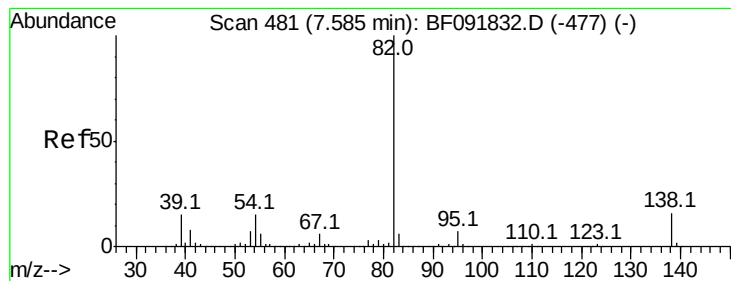
Sohil
 1/16/2017 12:00:34 PM



#24
 Nitrobenzene
 Concen: 40.05 ng
 RT: 7.18 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.1	33.0	49.4
65	13.3	11.2	16.8





#25

Isophorone

Concen: 45.65 ng

RT: 7.42 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SW-001MS

Tot Ion: 82 Resp: 1221045

Ion Ratio Lower Upper

82 100

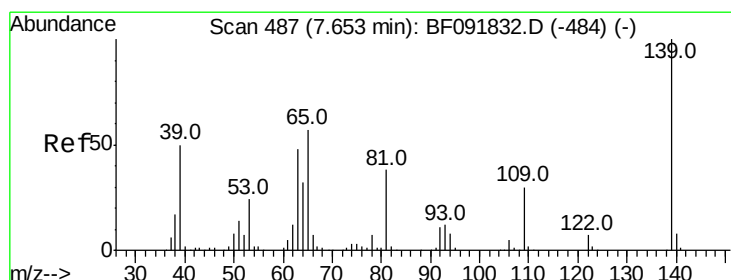
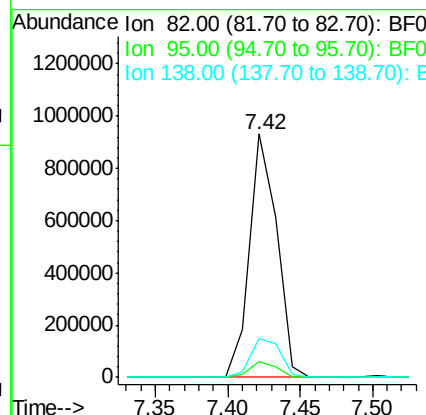
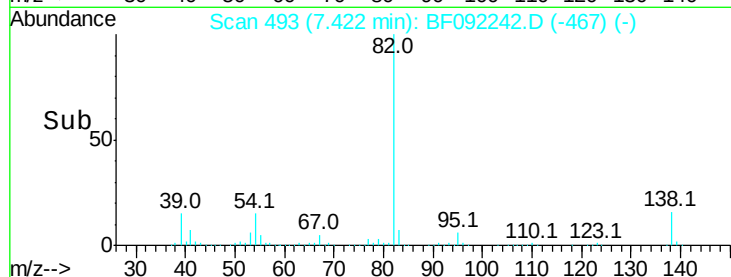
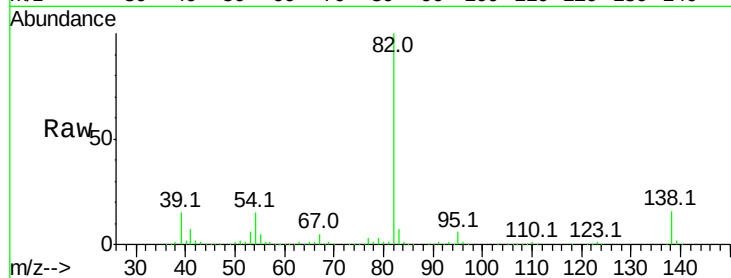
95 6.3 5.6 8.4

138 15.8 14.6 22.0

Manual Integrations
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1/16/2017 12:00:34 PM



#26

2-Nitrophenol

Concen: 38.25 ng

RT: 7.50 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

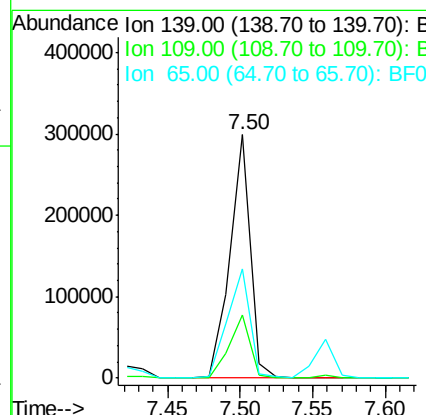
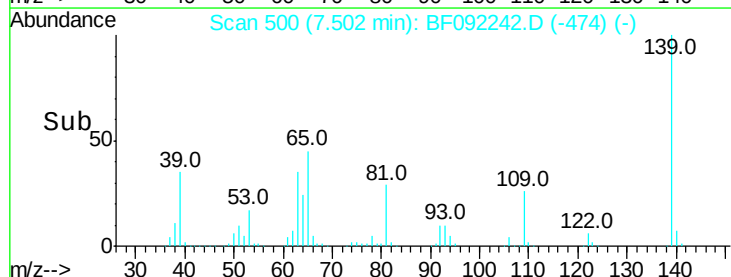
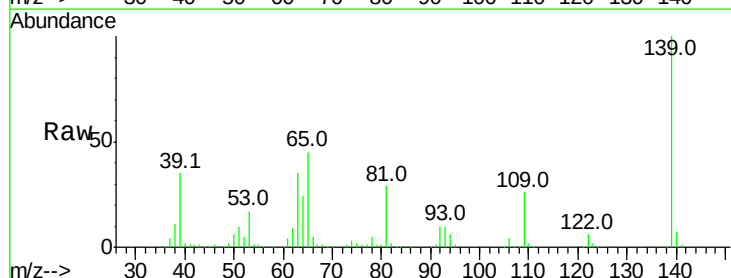
Tgt Ion: 139 Resp: 291268

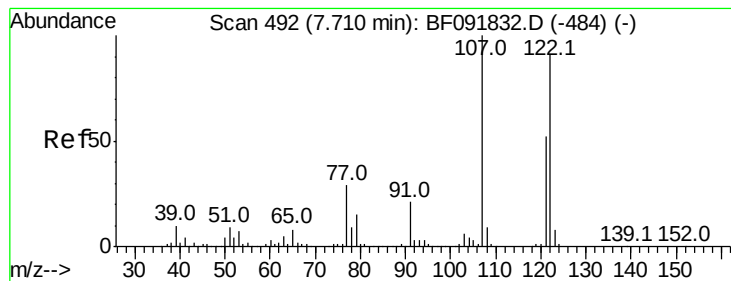
Ion Ratio Lower Upper

139 100

109 25.9 23.3 34.9

65 44.7 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 37.42 ng

RT: 7.56 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

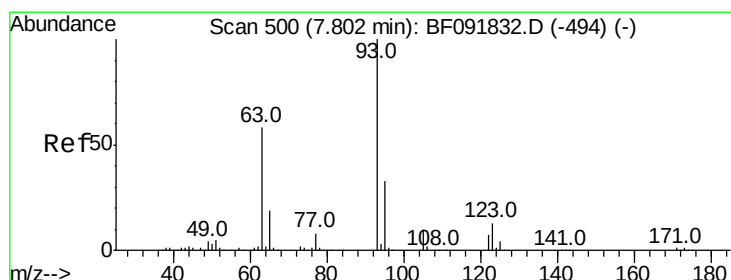
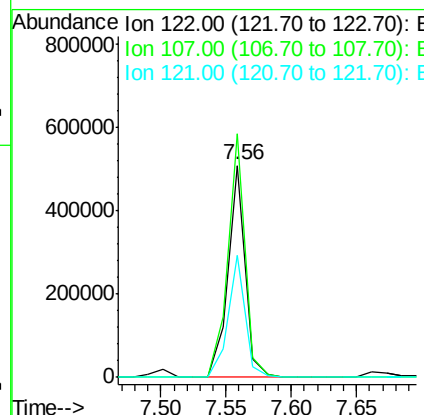
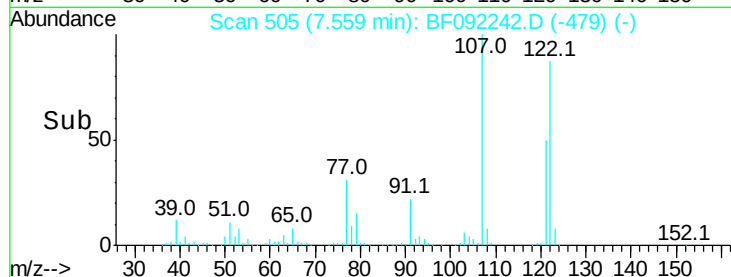
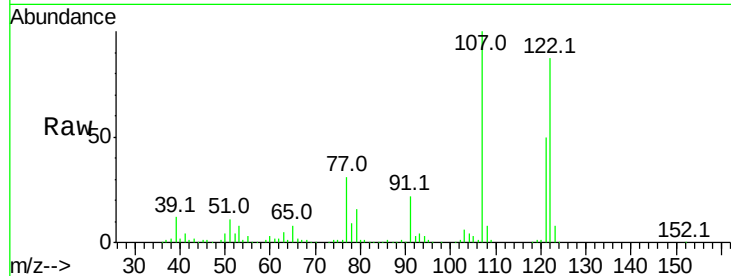
ClientSampleId :

SW-001MS

Tot Ion:	122	Resp:	472576
Ion Ratio	Lower	Upper	
122	100		
107	114.7	94.1	141.1
121	57.7	46.0	69.0

Manual Integrations
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1/16/2017 12:00:34 PM



#28

bis(2-Chloroethoxy)methane

Concen: 34.43 ng

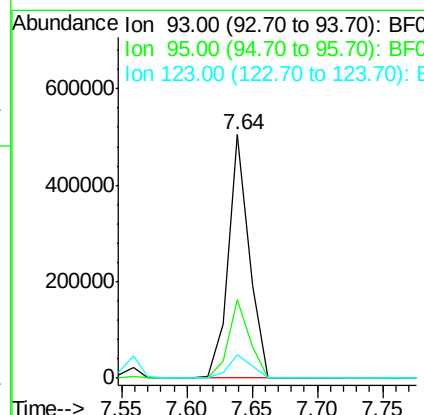
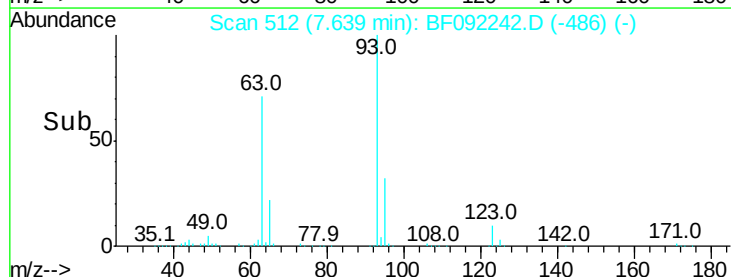
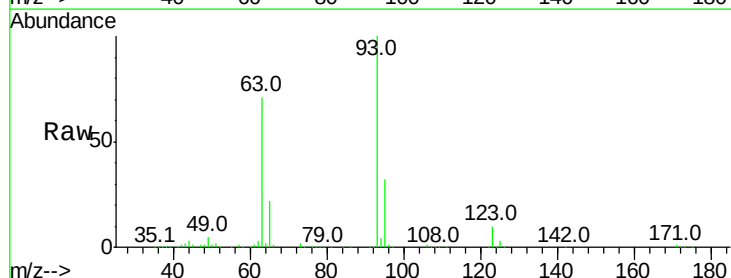
RT: 7.64 min Scan# 512

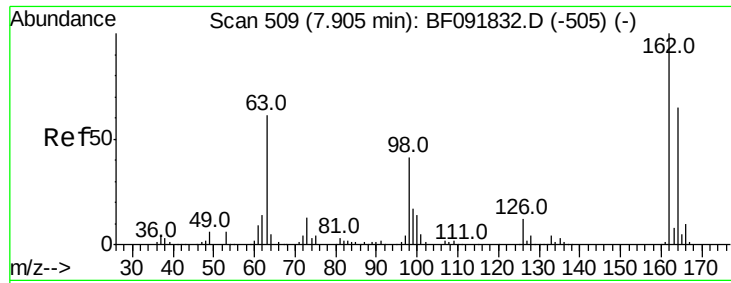
Delta R.T. 0.00 min

Lab File: BF092242.D

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Tgt Ion:	93	Resp:	558521
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.5	39.7
123	9.7	8.6	13.0





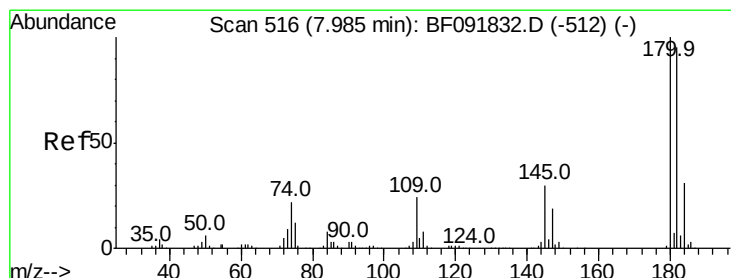
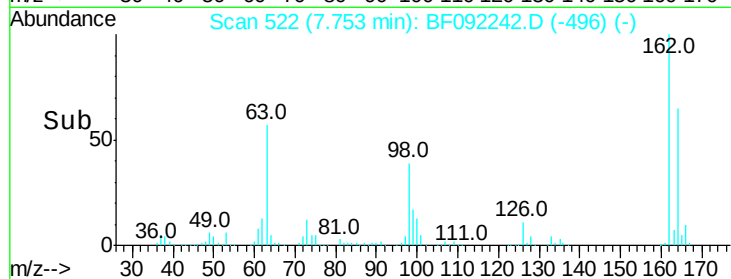
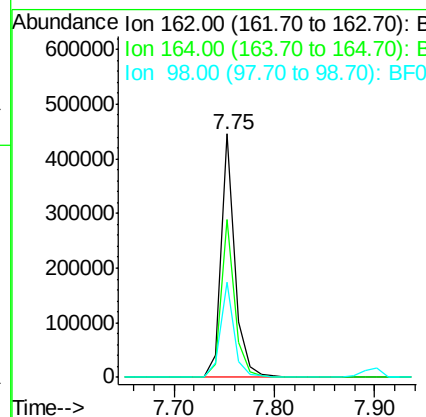
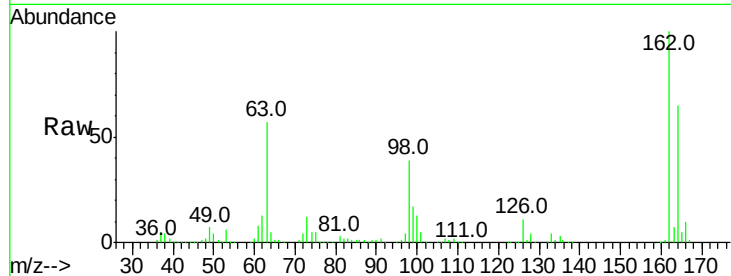
#29
 2,4-Dichlorophenol
 Concen: 39.62 ng
 RT: 7.75 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Instrument :
 BNA_F
 ClientSampled :
 SW-001MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.9	46.8	86.8
98	39.1	9.1	49.1

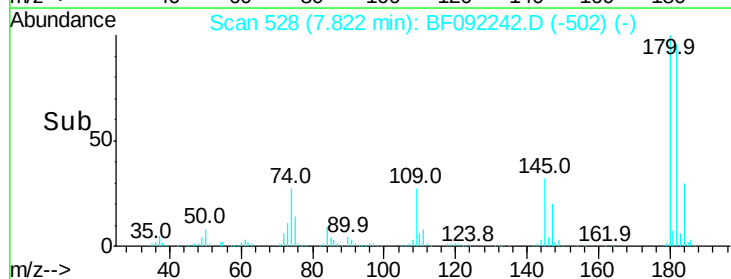
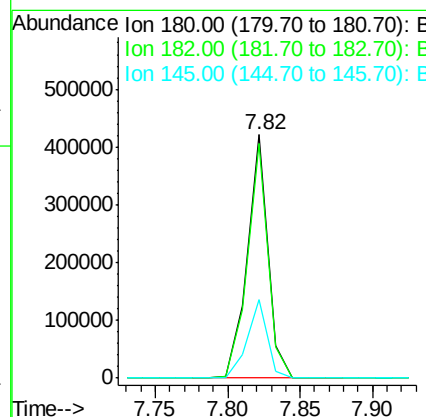
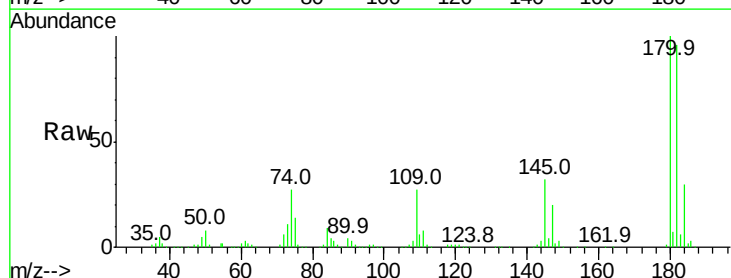
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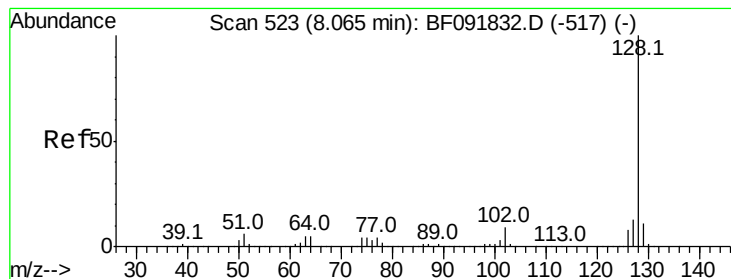
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.48 ng
 RT: 7.82 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.2	78.2	117.4
145	32.1	21.6	32.4





#31

Naphthalene

Concen: 41.69 ng

RT: 7.90 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SW-001MS

Tot Ion:128 Resp: 1538036

Ion Ratio Lower Upper

128 100

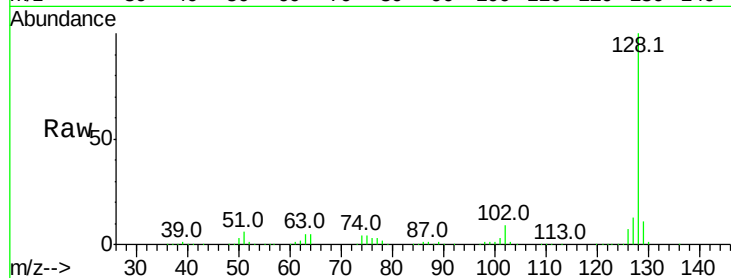
129 11.1 9.5 14.3

127 13.1 10.8 16.2

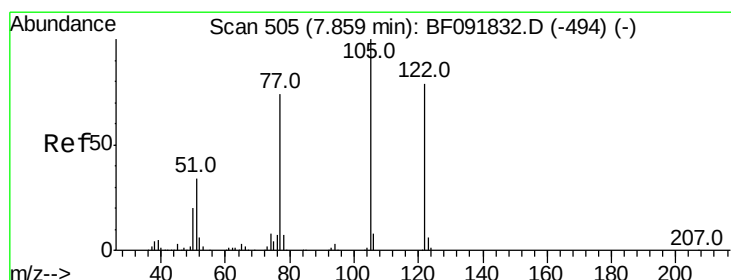
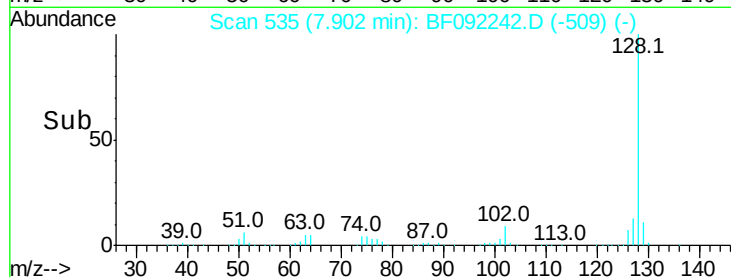
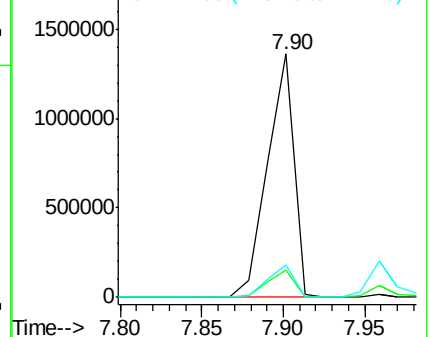
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.59 ng

RT: 7.66 min Scan# 514

Delta R.T. -0.06 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

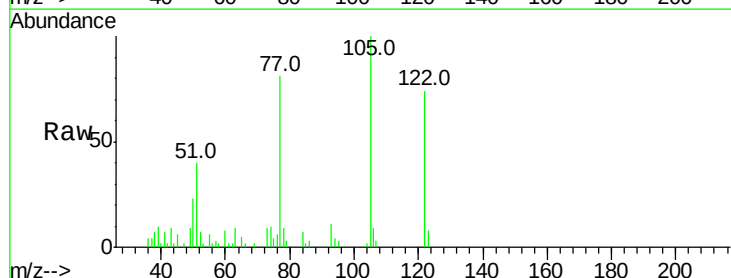
Tgt Ion:122 Resp: 24259

Ion Ratio Lower Upper

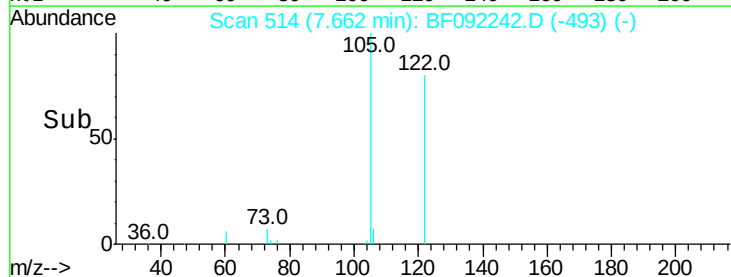
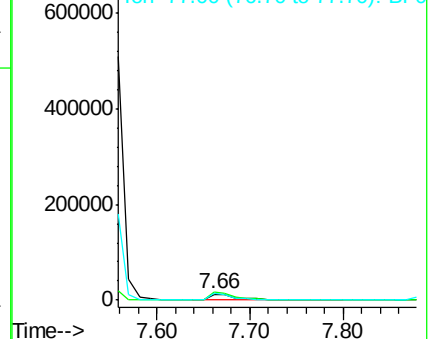
122 100

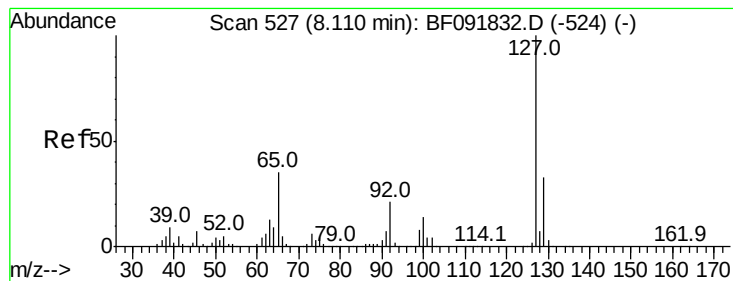
105 134.8 107.2 147.2

77 109.4 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 14.05 ng

RT: 7.96 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

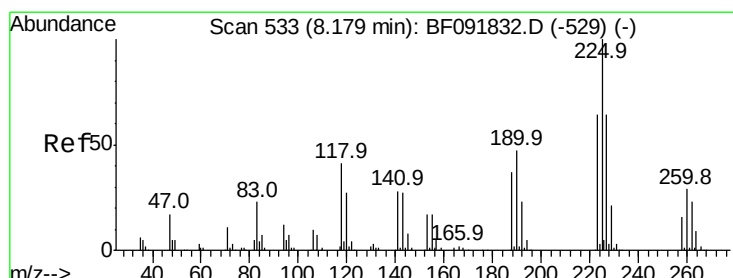
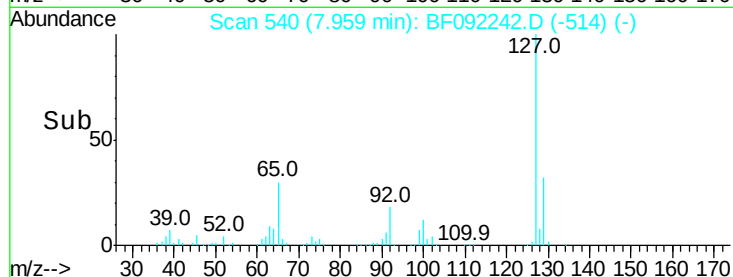
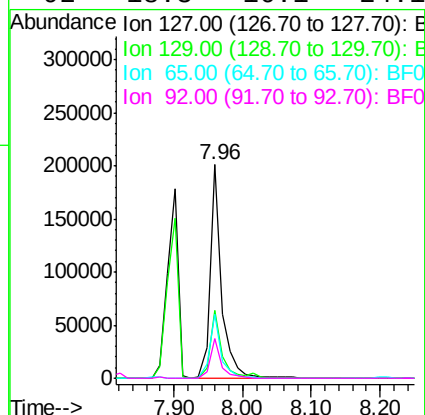
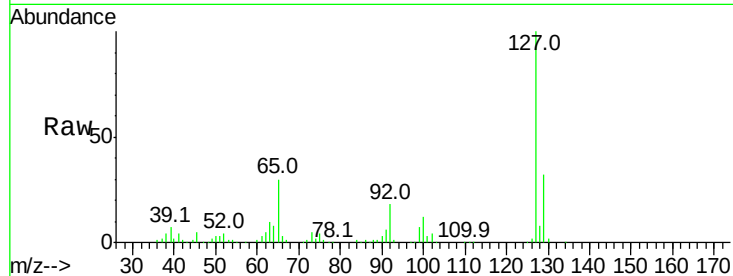
ClientSampleId :

SW-001MS

Tot Ion:	127	Resp:	233743
Ion Ratio	Lower	Upper	
127	100		
129	31.8	26.3	39.5
65	30.0	25.8	38.8
92	18.3	16.1	24.1

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#34

Hexachlorobutadiene

Concen: 34.87 ng

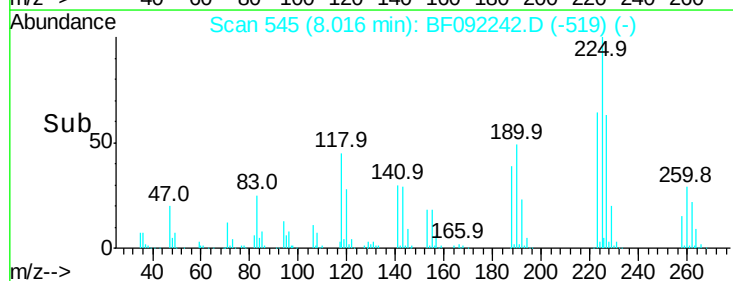
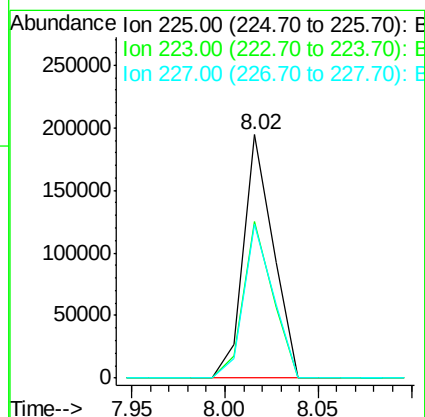
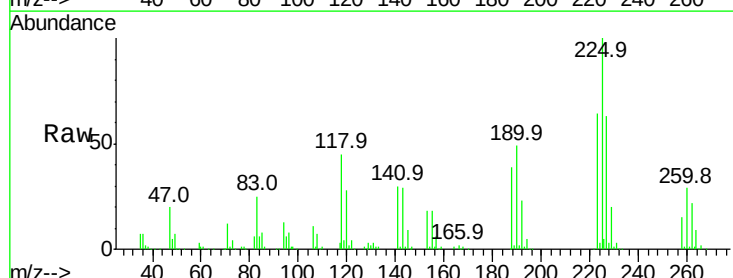
RT: 8.02 min Scan# 545

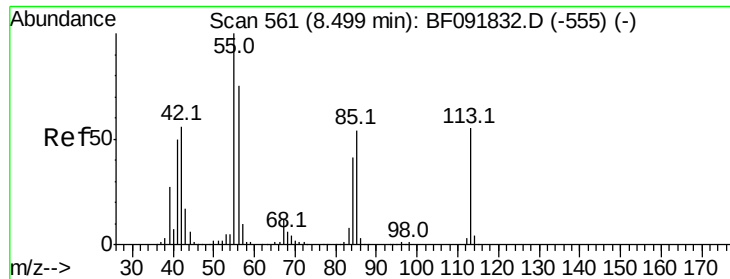
Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Tgt Ion:	225	Resp:	215696
Ion Ratio	Lower	Upper	
225	100		
223	64.1	51.0	76.6
227	63.1	50.6	76.0





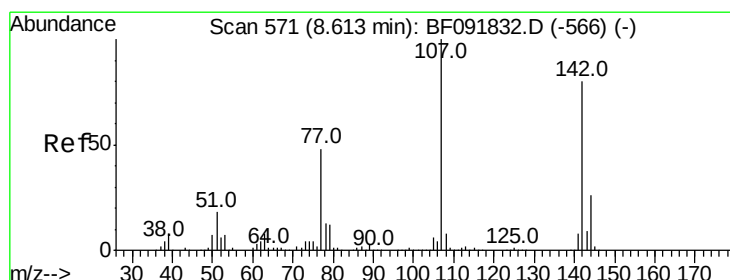
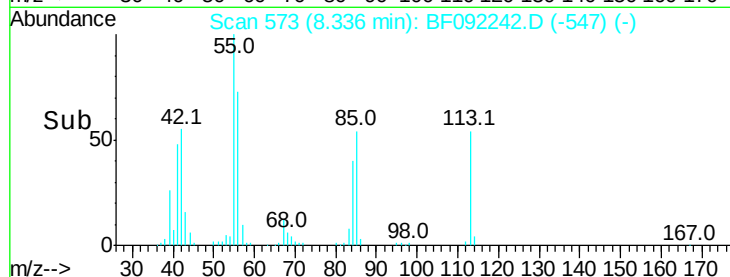
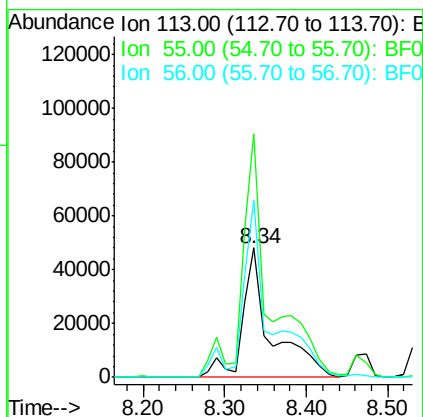
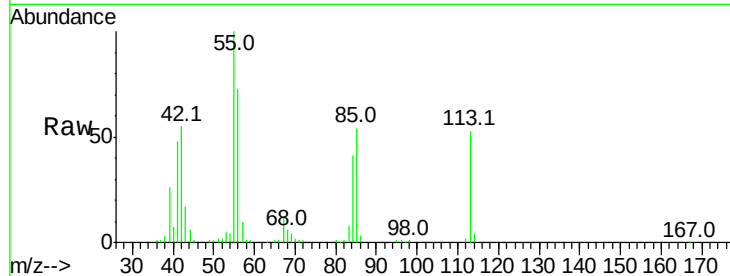
#35
Caprolactam
Concen: 32.86 ng
RT: 8.34 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Instrument :
BNA_F
ClientSampled :
SW-001MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	187.8	119.2	159.2#
56	136.6	83.8	123.8#

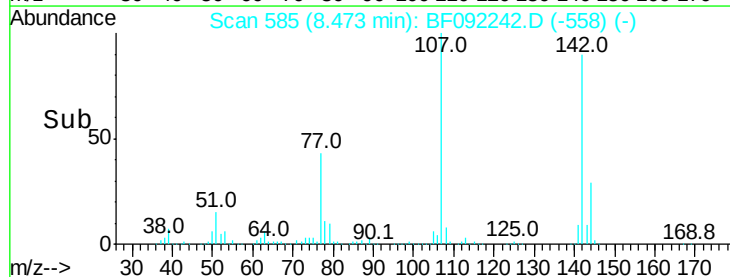
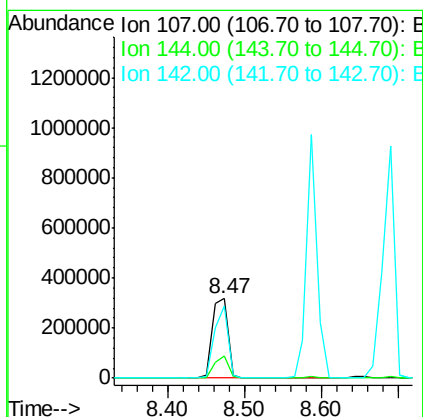
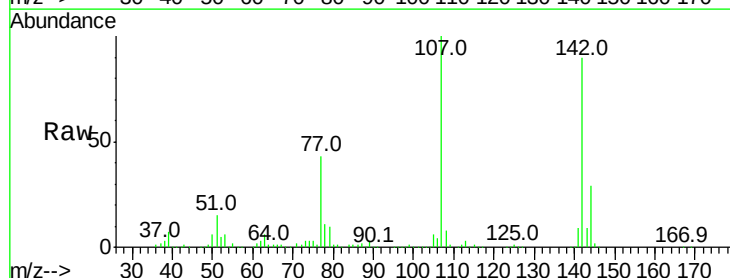
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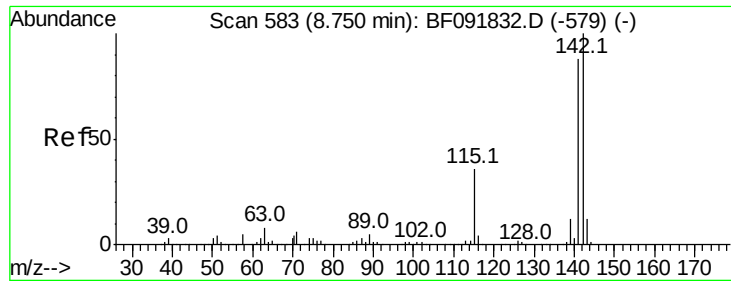
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#36
4-Chloro-3-methylphenol
Concen: 36.32 ng
RT: 8.47 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.6	19.3	28.9
142	90.3	59.0	88.6#





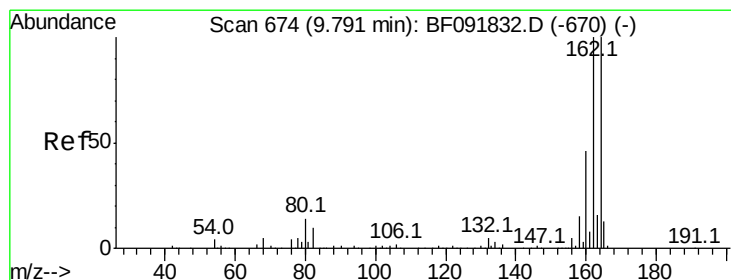
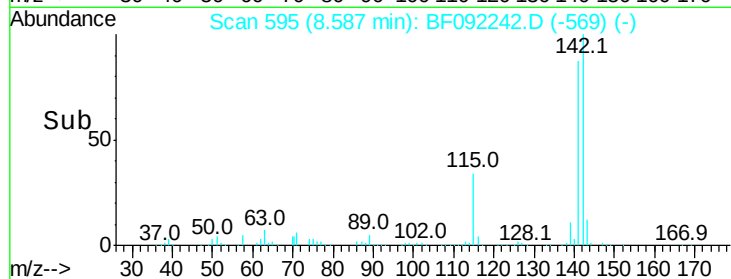
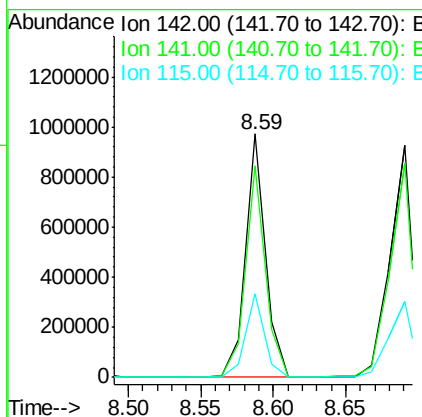
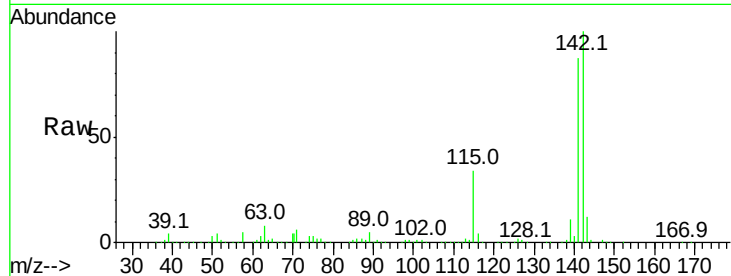
#37
2-Methylnaphthalene
Concen: 39.82 ng
RT: 8.59 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	71.0	106.6
115	34.4	28.3	42.5

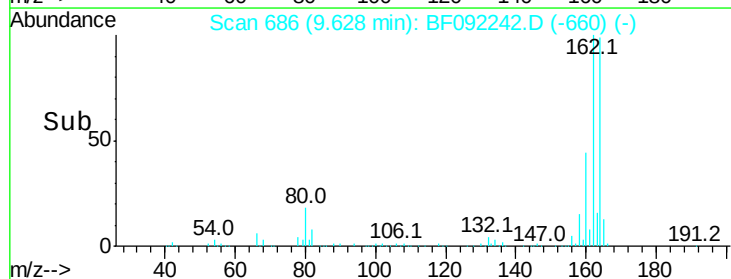
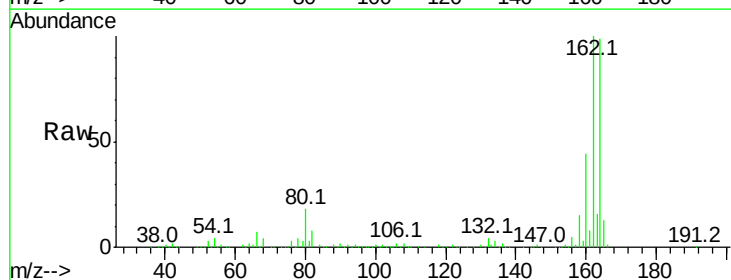
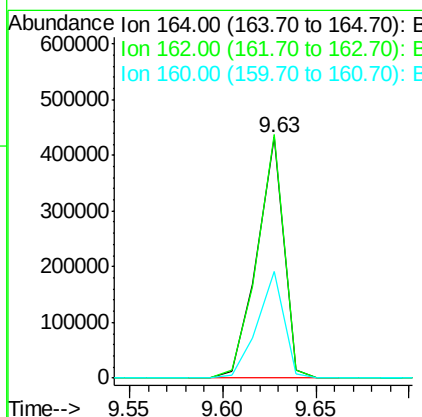
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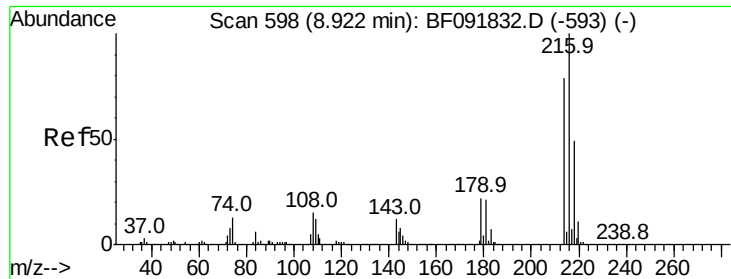
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.2	120.2
160	44.4	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.08 ng

RT: 8.76 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

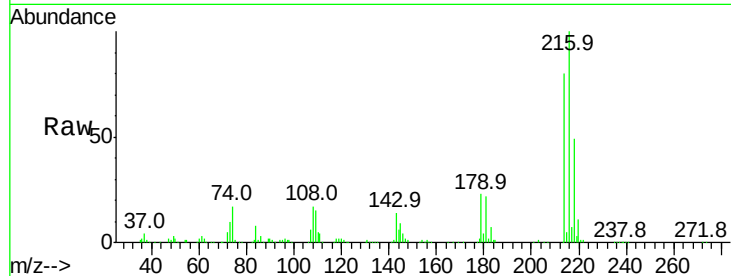
ClientSampleId :

SW-001MS

Tot Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	79.4	63.4	95.0
179	22.6	17.4	26.2
108	20.3	15.6	23.4

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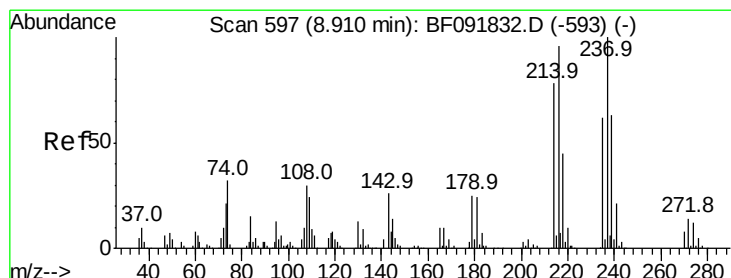
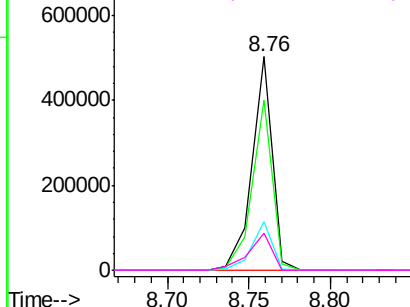
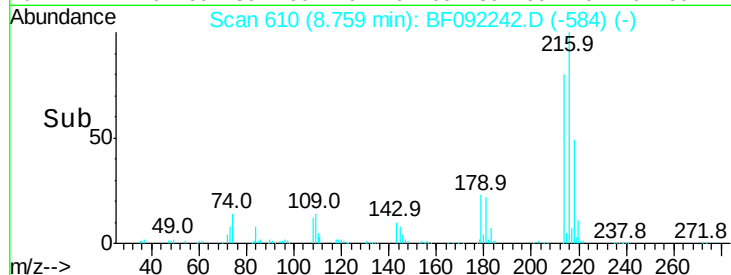
Abundance

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: 40.84 ng

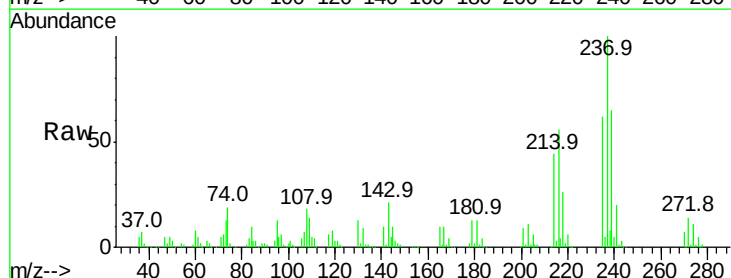
RT: 8.75 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.0	41.2	81.2
272	14.0	0.0	35.4

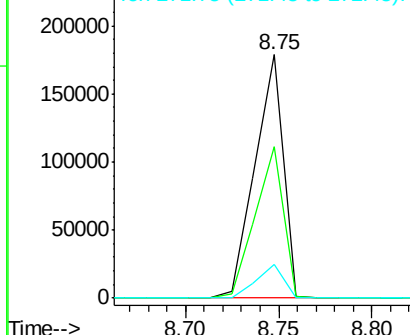
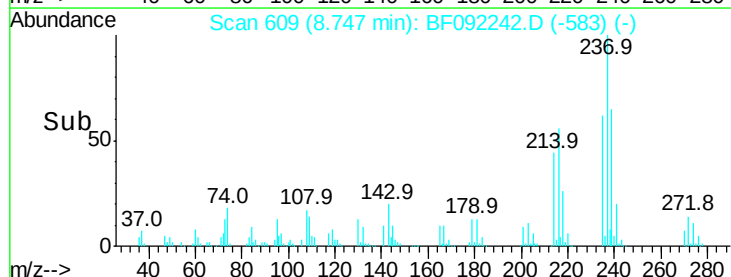


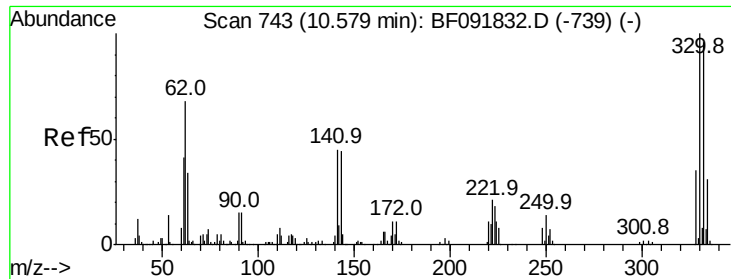
Abundance

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





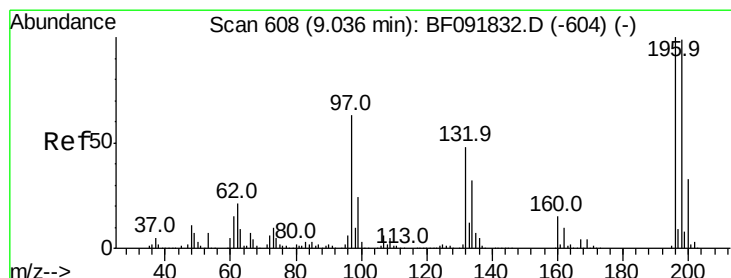
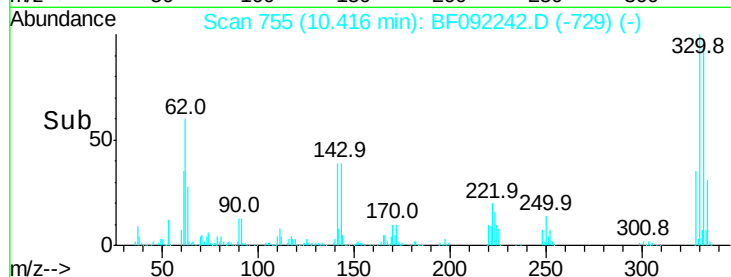
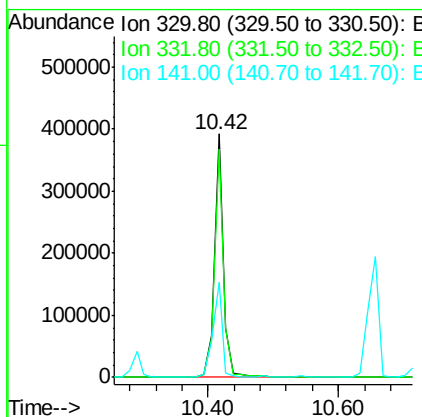
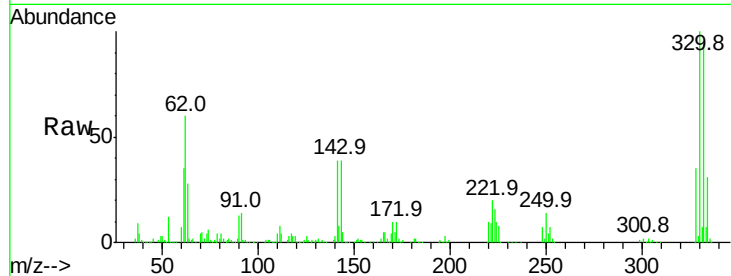
#41
 2,4,6-Tribromophenol
 Concen: 109.67 ng
 RT: 10.42 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Instrument :
 BNA_F
 ClientSampled :
 SW-001MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	390299		
332	94.0		77.4	116.2
141	40.1		34.1	51.1

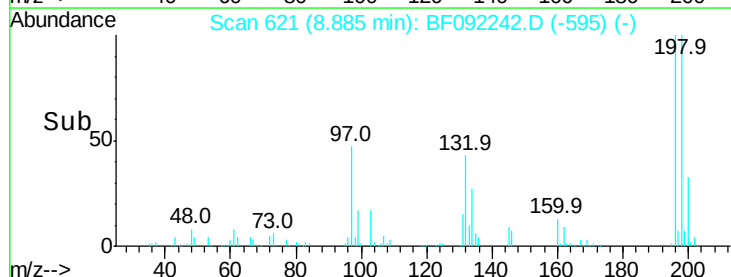
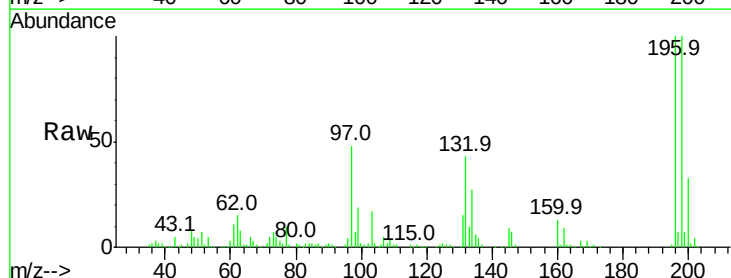
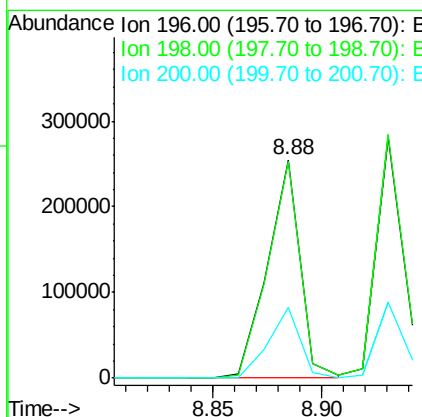
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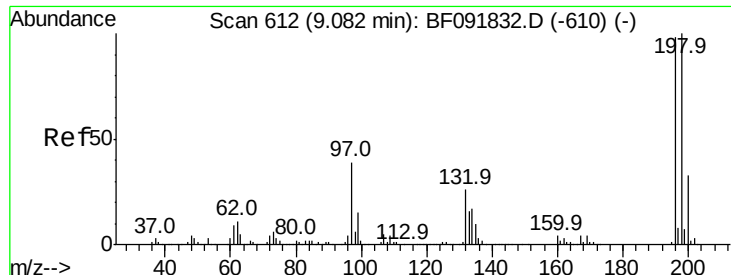
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#42
 2,4,6-Trichlorophenol
 Concen: 35.15 ng
 RT: 8.88 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	267042		
198	99.6		82.1	123.1
200	32.5		27.0	40.4





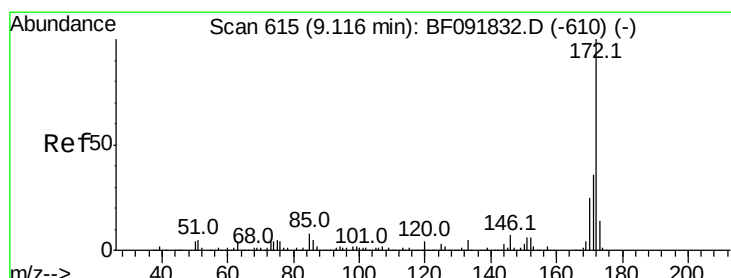
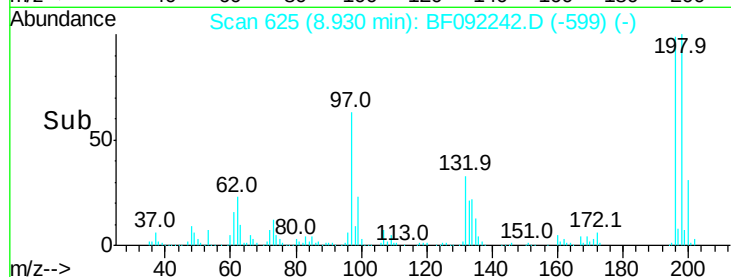
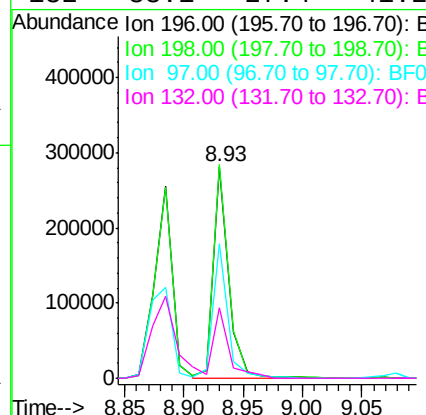
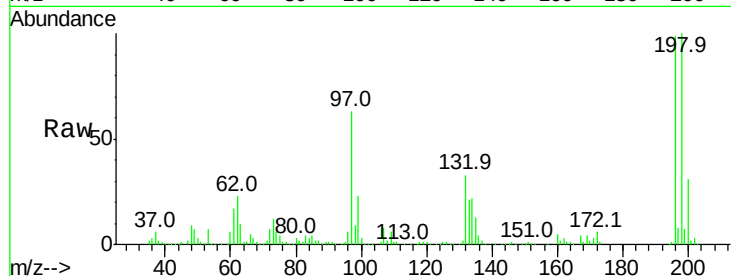
#43
 2,4,5-Trichlorophenol
 Concen: 32.21 ng
 RT: 8.93 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

Tot Ion	196	Resp	251871
Ion Ratio	Lower	Upper	
196	100		
198	100.9	79.4	119.2
97	63.7	51.5	77.3
132	33.1	27.4	41.2

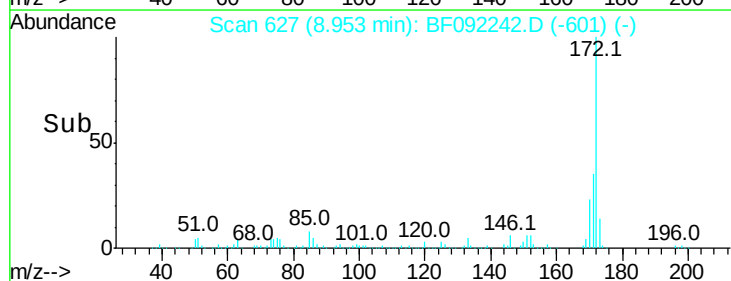
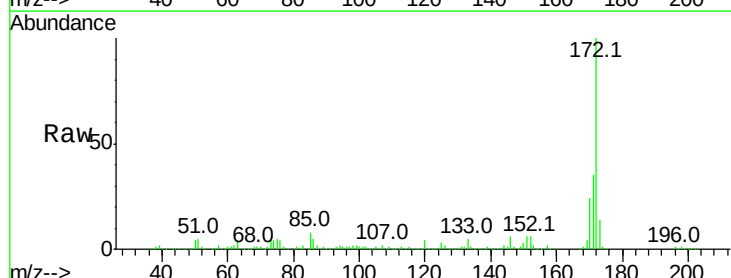
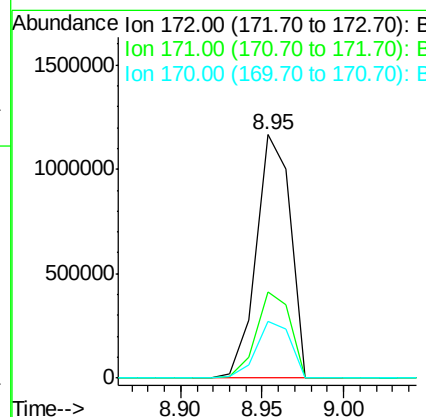
Manual Integrations
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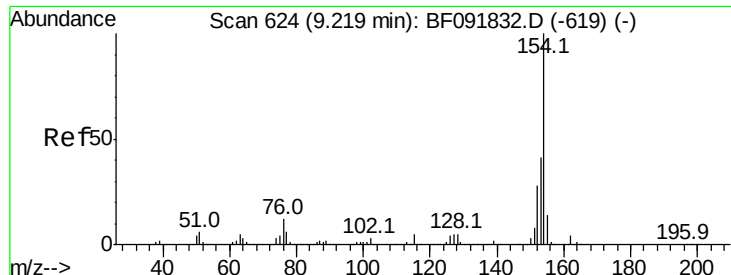
Sohil
 1/16/2017 12:00:34 PM



#44
 2-Fluorobiphenyl
 Concen: 79.90 ng
 RT: 8.95 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Tgt Ion	172	Resp	1693250
Ion Ratio	Lower	Upper	
172	100		
171	35.4	29.4	44.0
170	23.5	20.2	30.4





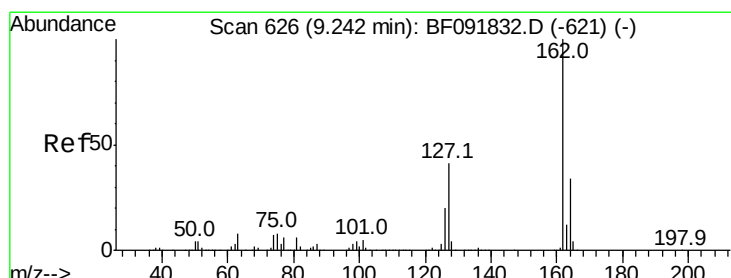
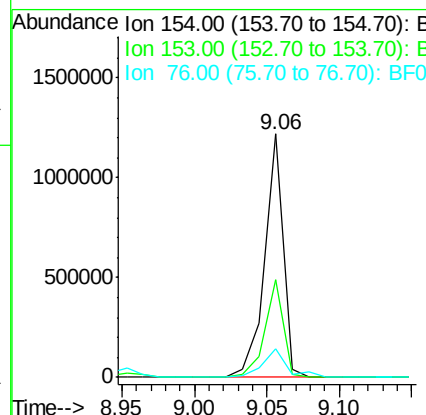
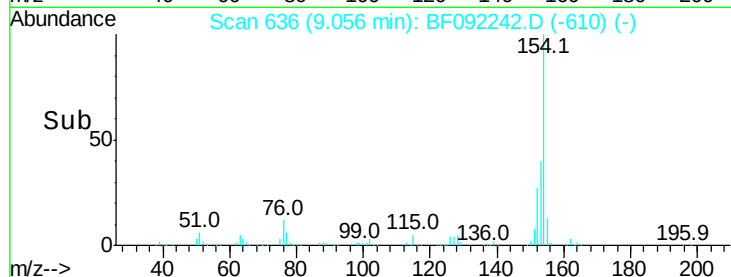
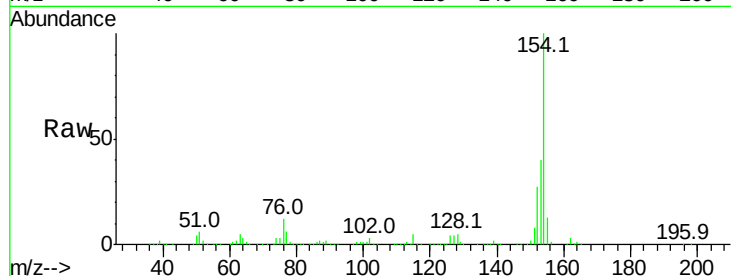
#45
1,1'-Biphenyl
Concen: 36.55 ng
RT: 9.06 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.9	60.9
76	12.0	0.0	30.5

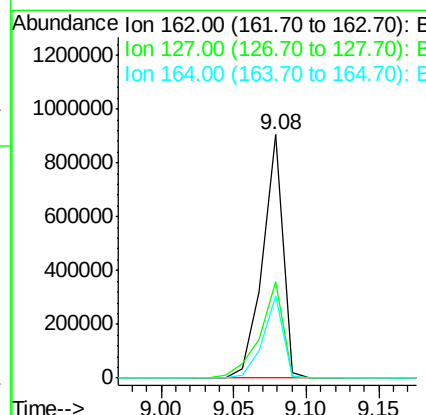
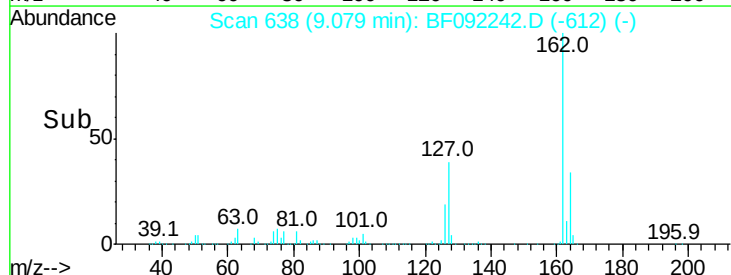
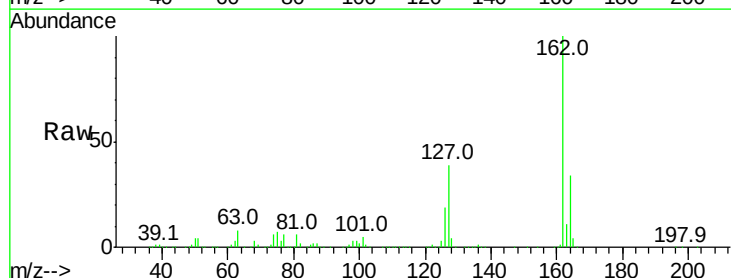
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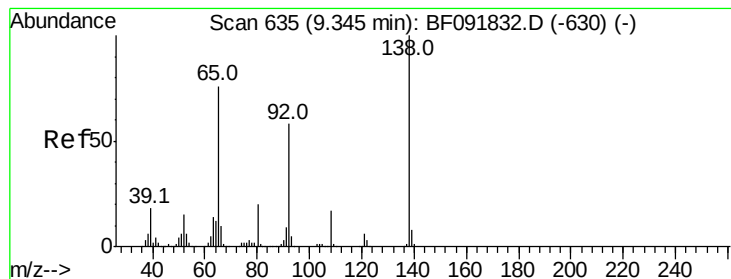
Sohil
1/16/2017 12:00:34 PM



#46
2-Chloronaphthalene
Concen: 37.73 ng
RT: 9.08 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.4	30.7	46.1
164	33.8	27.6	41.4





#47

2-Nitroaniline

Concen: 34.51 ng

RT: 9.18 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

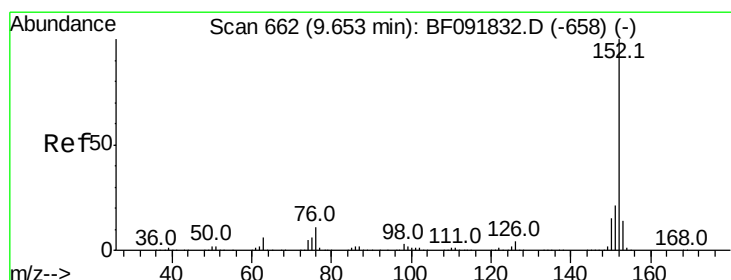
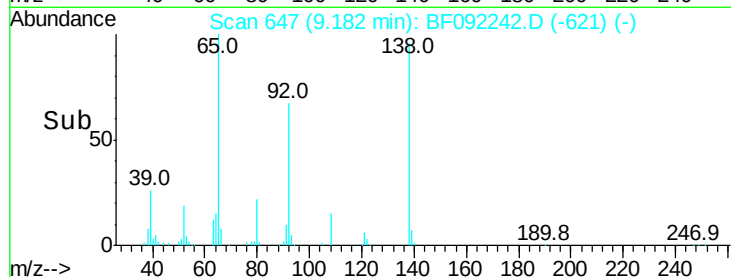
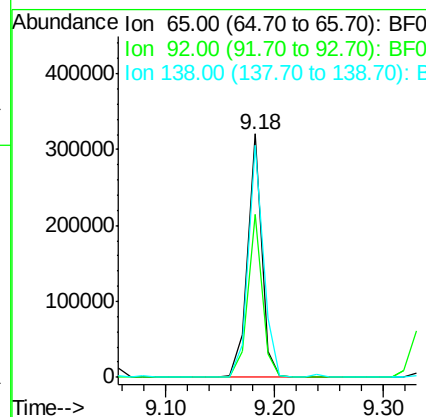
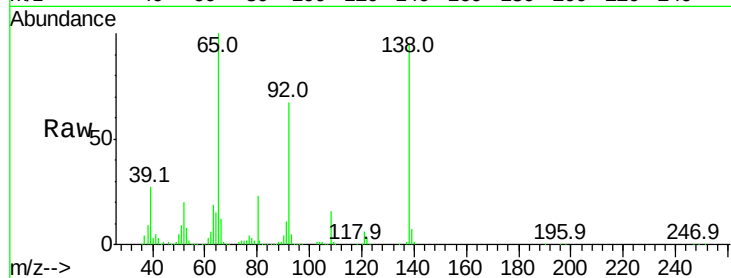
ClientSampleId :

SW-001MS

Tot Ion:	65	Resp:	286487
Ion Ratio	Lower	Upper	
65	100		
92	66.9	53.9	80.9
138	95.2	76.8	115.2

Manual Integrations
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1/16/2017 12:00:34 PM



#48

Acenaphthylene

Concen: 35.51 ng

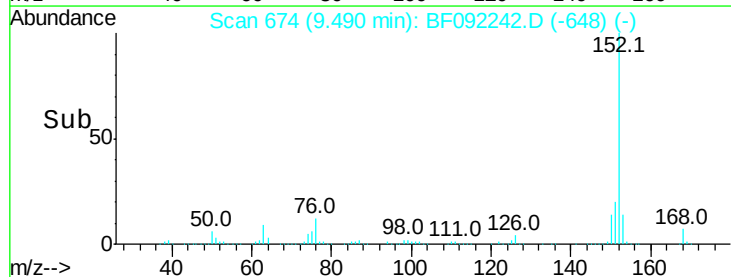
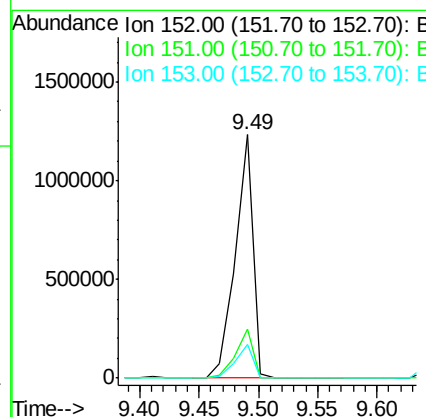
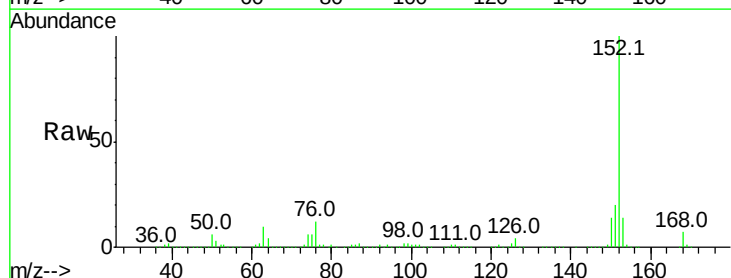
RT: 9.49 min Scan# 674

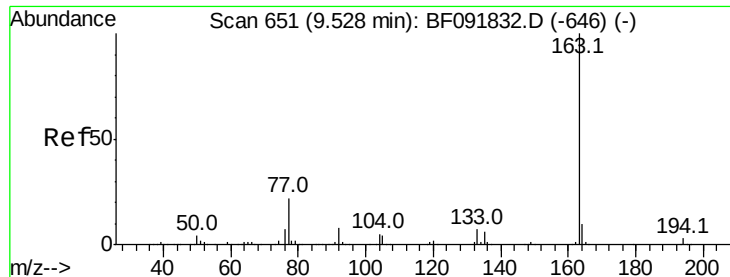
Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Tgt Ion:	152	Resp:	1273276
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.9	25.3
153	13.7	11.4	17.2





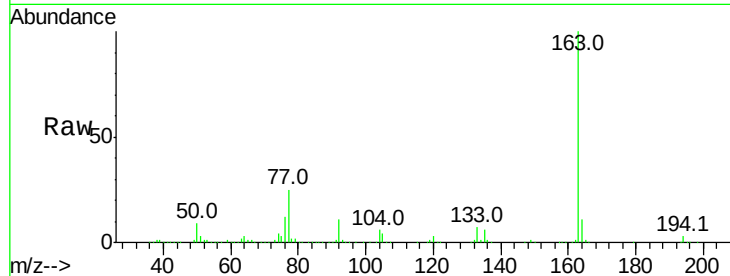
#49
Dimethylphthalate
Concen: 45.62 ng
RT: 9.36 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Instrument :
BNA_F
ClientSampleId :
SW-001MS

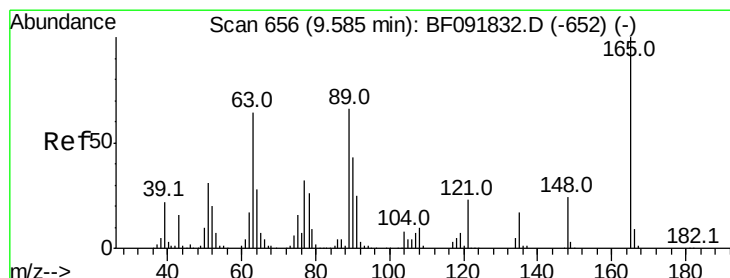
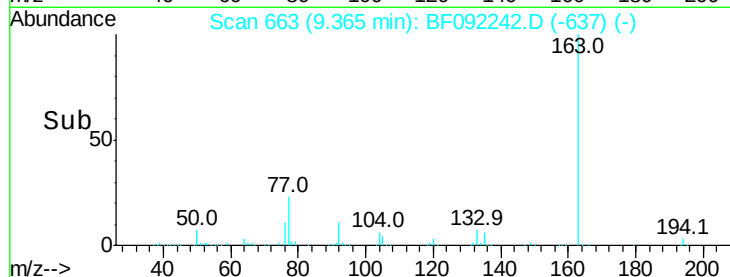
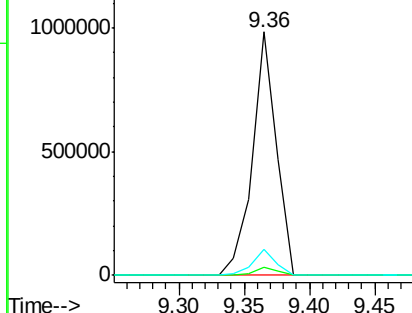
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.7	8.0	12.0

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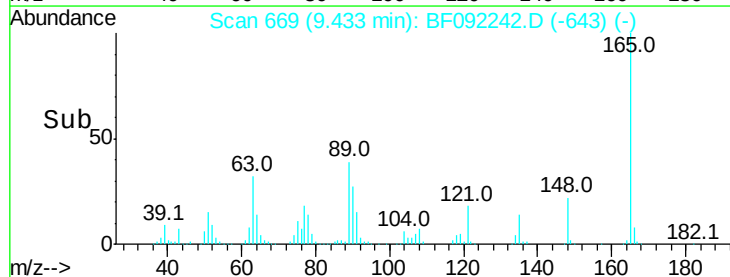
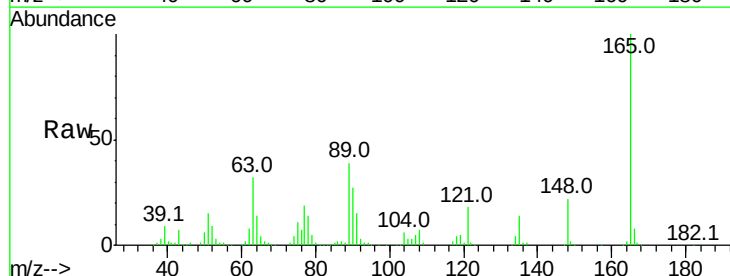
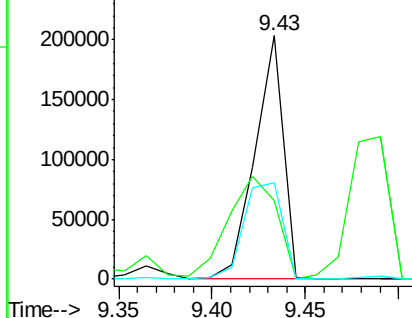
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

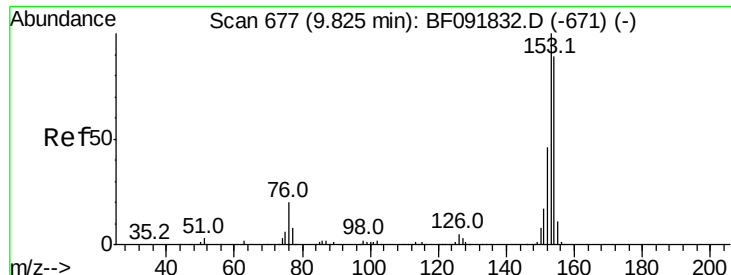


#50
2,6-Dinitrotoluene
Concen: 35.65 ng
RT: 9.43 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	32.0	36.2	54.4#
89	39.5	40.2	60.4#

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





#51

Acenaphthene

Concen: 38.28 ng

RT: 9.66 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

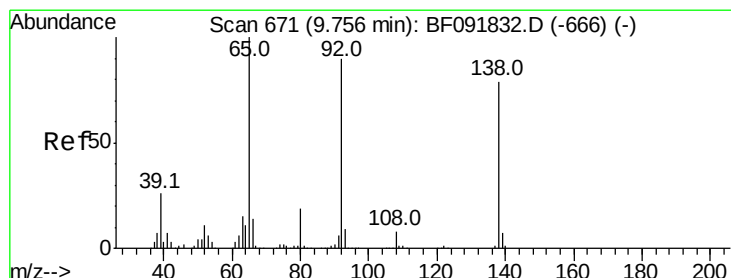
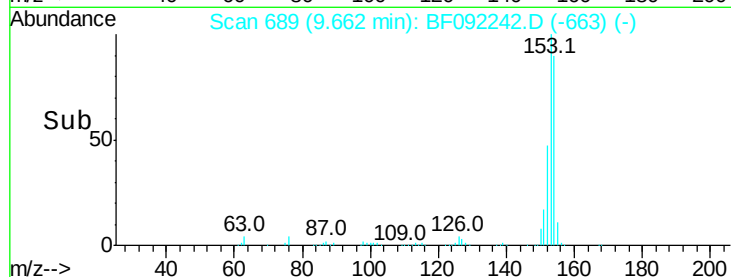
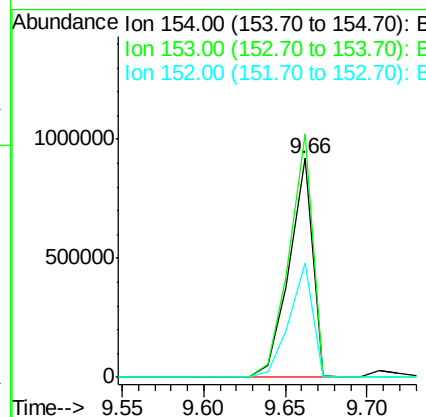
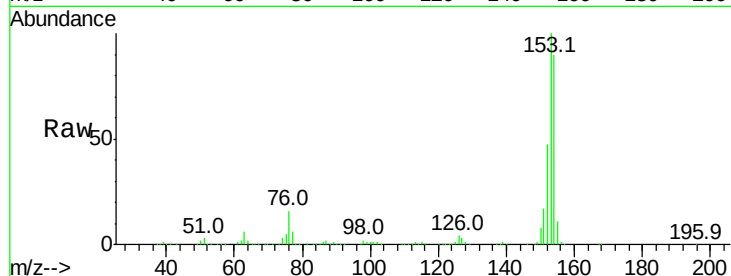
ClientSampled :

SW-001MS

Tot Ion:	154	Resp:	930595
Ion Ratio	Lower	Upper	
154	100		
153	111.2	88.6	133.0
152	51.9	41.6	62.4

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#52

3-Nitroaniline

Concen: 21.13 ng

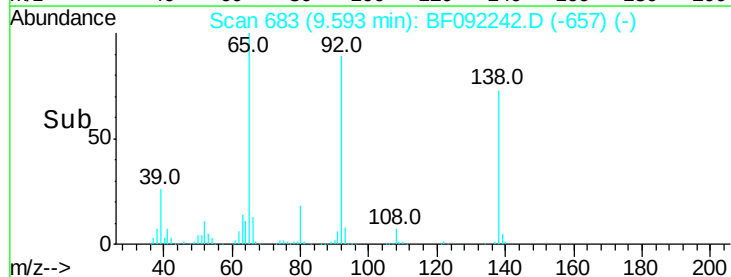
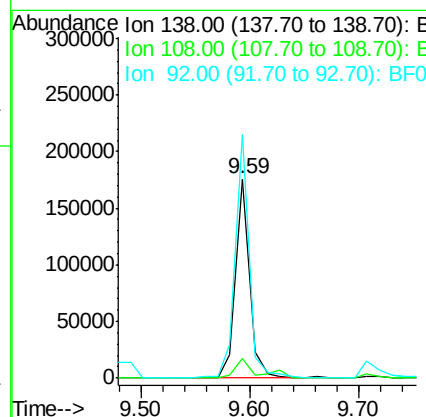
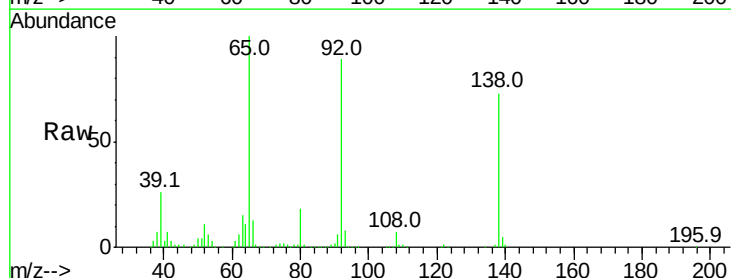
RT: 9.59 min Scan# 683

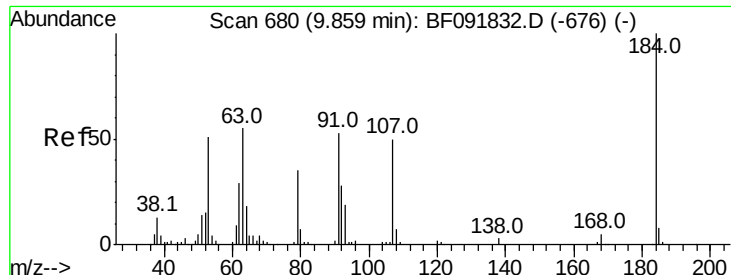
Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Tgt Ion:	138	Resp:	157406
Ion Ratio	Lower	Upper	
138	100		
108	10.2	8.5	12.7
92	122.3	97.8	146.8





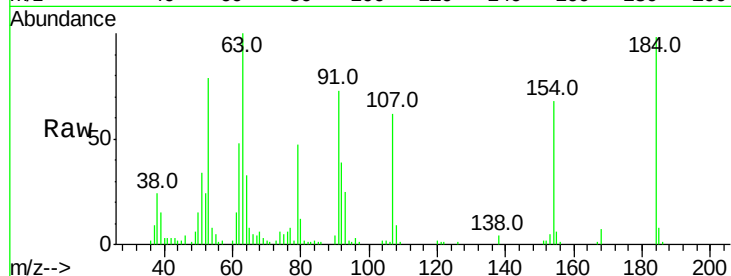
#53
2,4-Dinitrophenol
Concen: 19.22 ng
RT: 9.71 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Instrument :
BNA_F
ClientSampleId :
SW-001MS

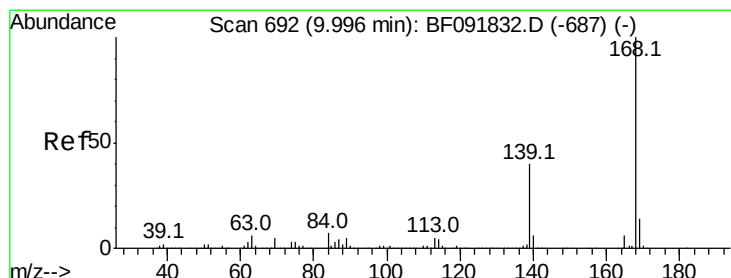
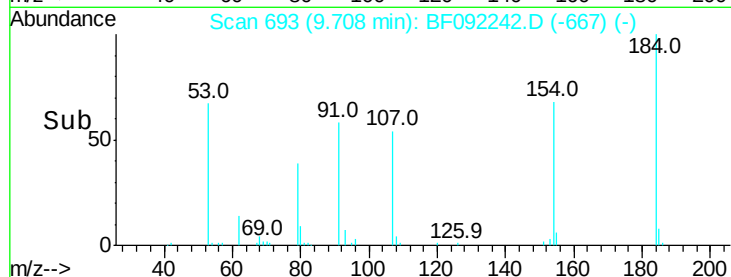
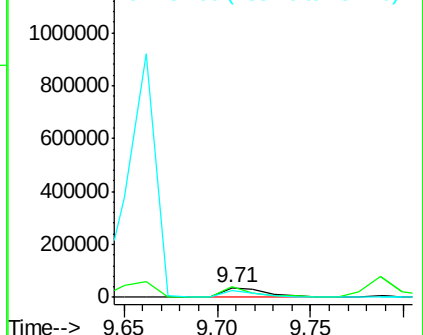
Tot Ion	Ratio	Lower	Upper
184	100		
63	102.2	28.4	42.6#
154	69.6	44.3	66.5#

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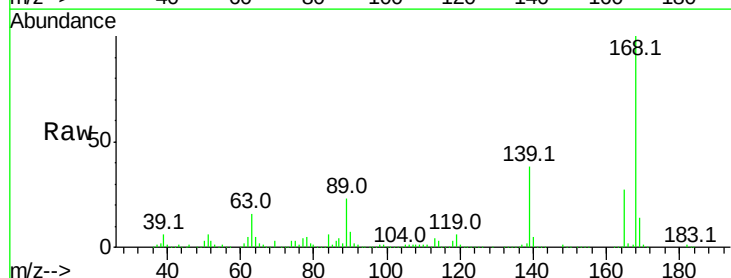


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

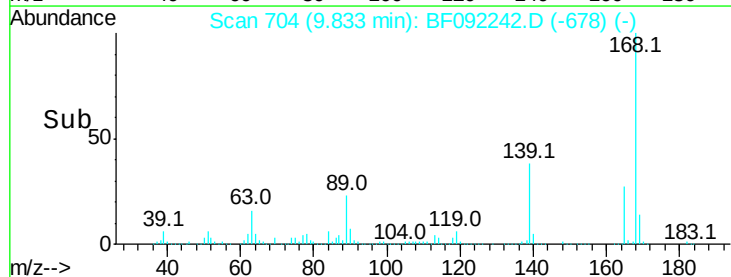
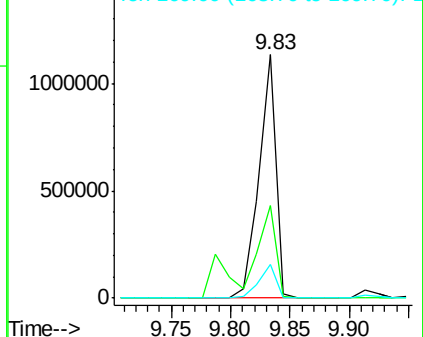


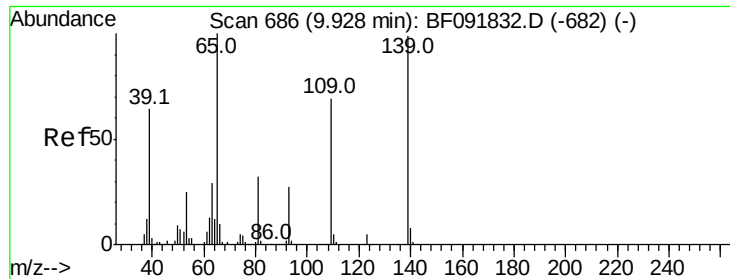
#54
Dibenzofuran
Concen: 34.51 ng
RT: 9.83 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.0	32.6	49.0
169	13.7	11.3	16.9



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





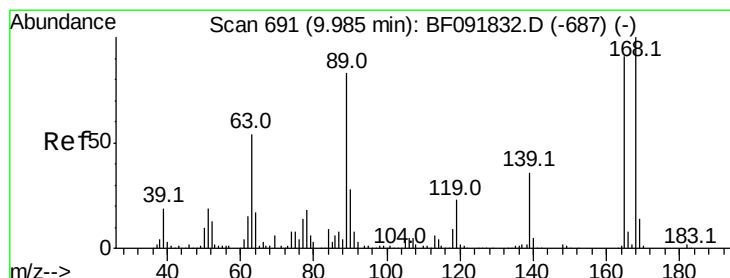
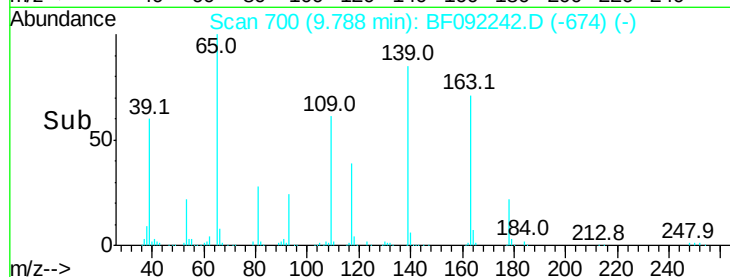
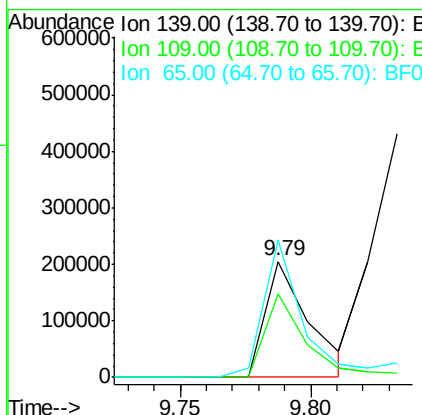
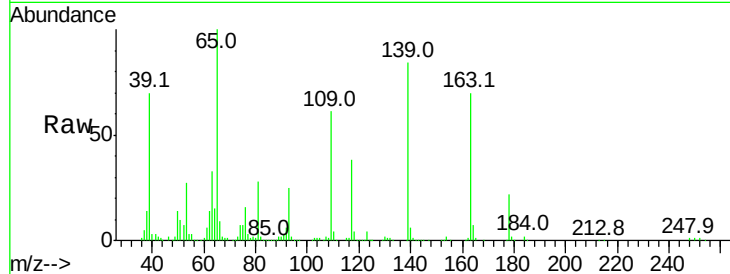
#55
4-Nitrophenol
Concen: 47.42 ng
RT: 9.79 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Instrument :
BNA_F
ClientSampled :
SW-001MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	239876		
109	72.6	52.2	92.2	
65	119.0	85.8	125.8	

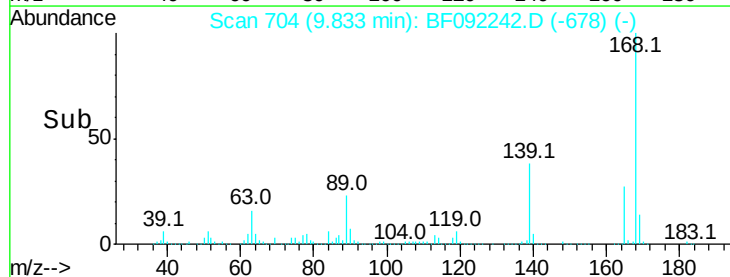
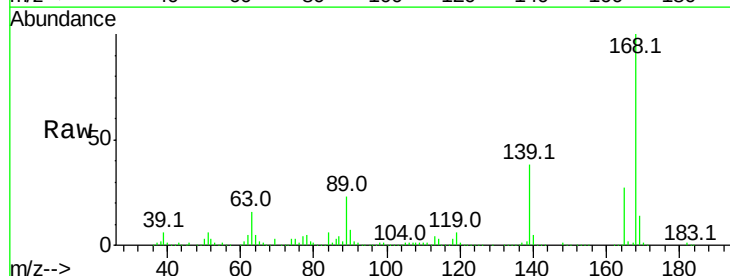
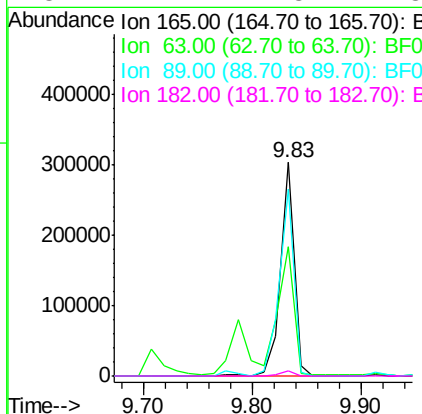
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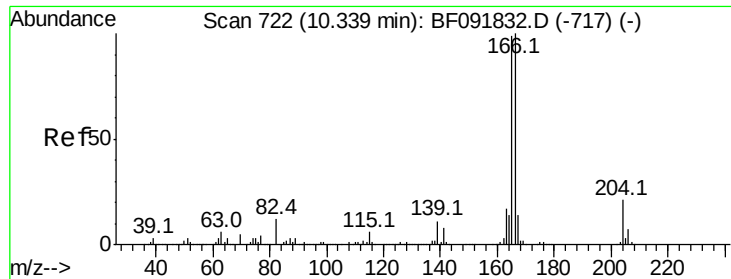
Sohil
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#56
2,4-Dinitrotoluene
Concen: 34.75 ng
RT: 9.83 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	262583		
63	60.3	40.2	60.4	
89	87.6	62.5	93.7	
182	2.2	1.8	2.8	





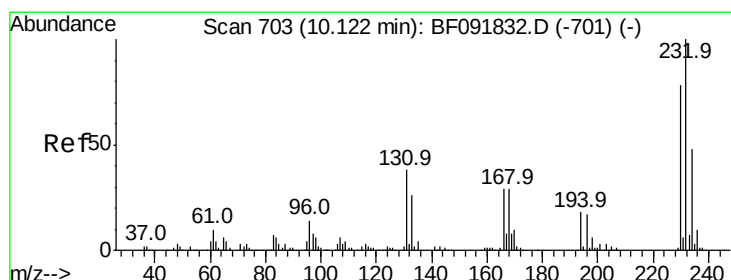
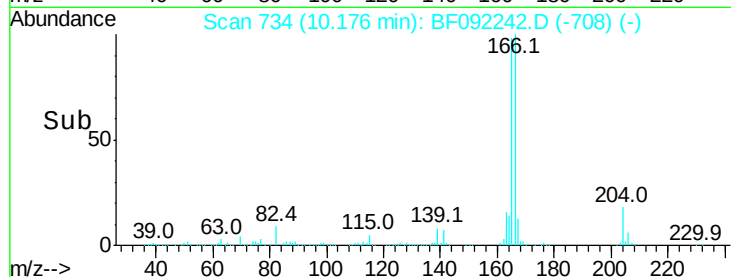
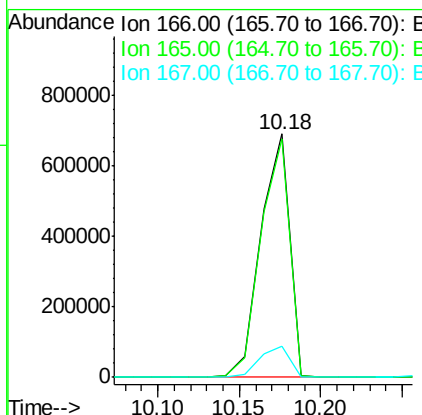
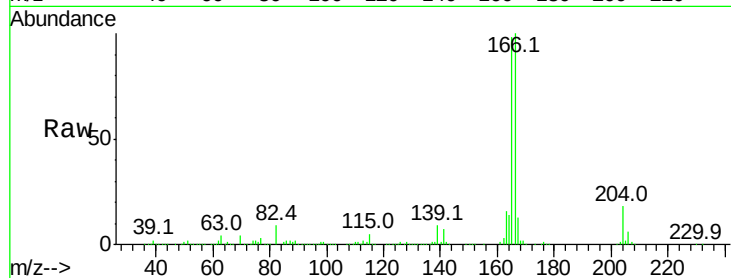
#57
Fluorene
Concen: 35.32 ng
RT: 10.18 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	843619		
165	98.2		77.8	116.8
167	13.0		10.8	16.2

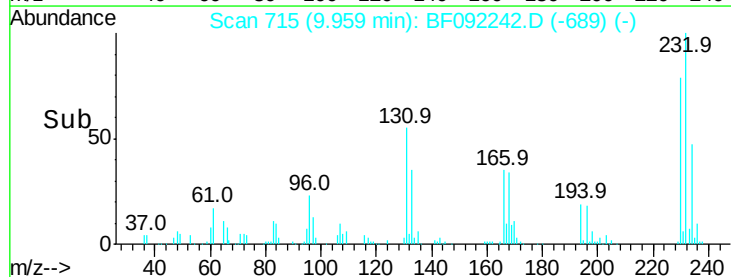
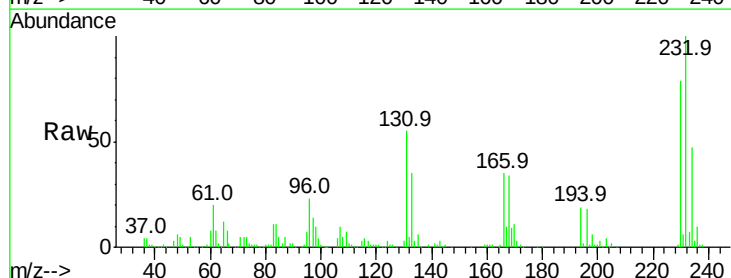
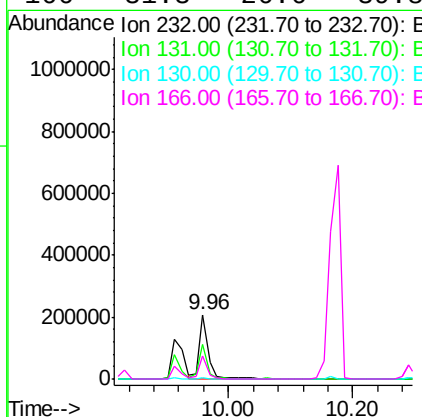
Manual Integrations
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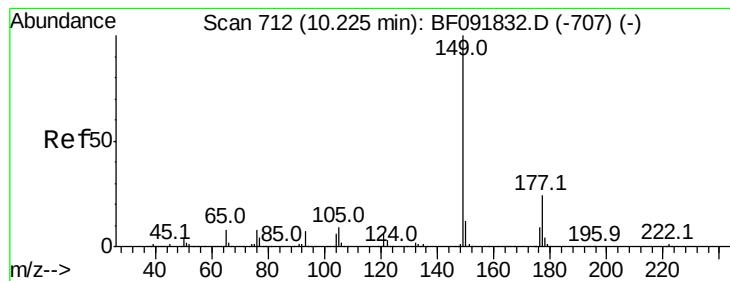
Sohil
1/16/2017 12:00:34 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 34.67 ng
RT: 9.96 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	214443		
131	49.7		40.1	60.1
130	2.2		1.8	2.8
166	31.3		26.6	39.8





#59

Diethylphthalate

Concen: 36.38 ng

RT: 10.06 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

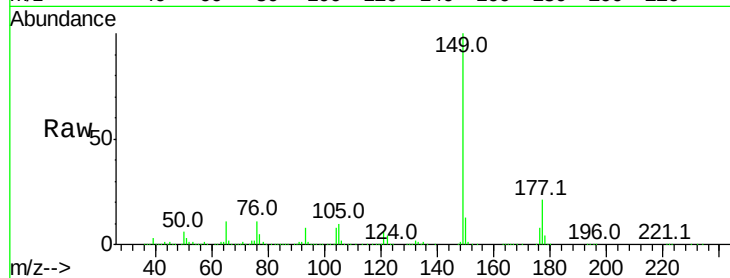
ClientSampled :

SW-001MS

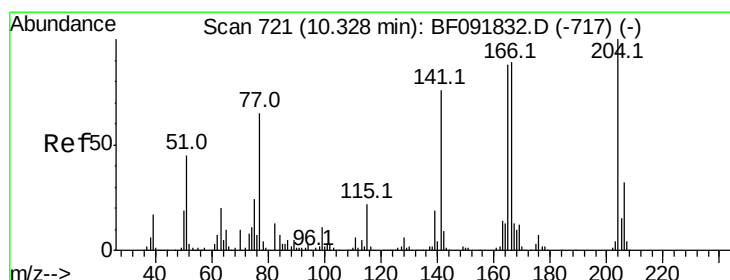
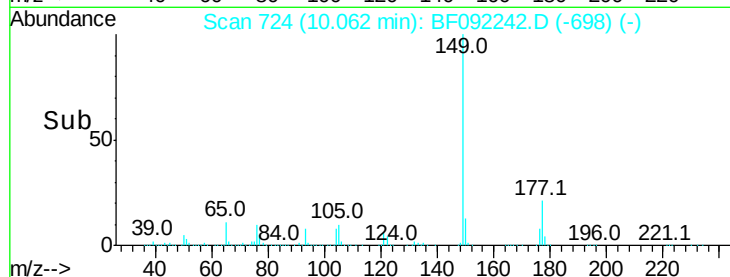
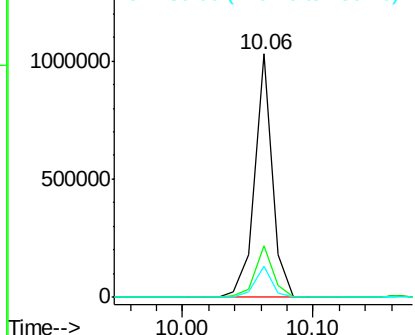
Tot Ion:	149	Resp:	971807
Ion Ratio	Lower	Upper	
149	100		
177	21.0	16.6	25.0
150	12.6	10.4	15.6

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



#60

4-Chlorophenyl-phenylether

Concen: 33.15 ng

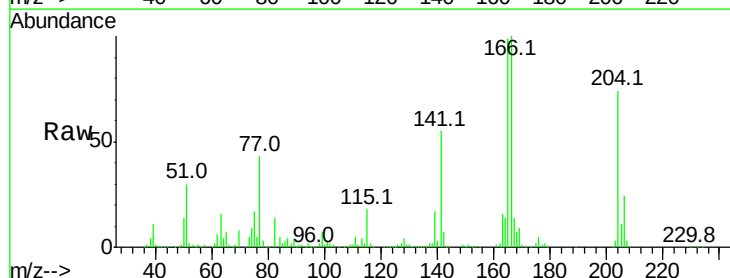
RT: 10.16 min Scan# 733

Delta R.T. 0.00 min

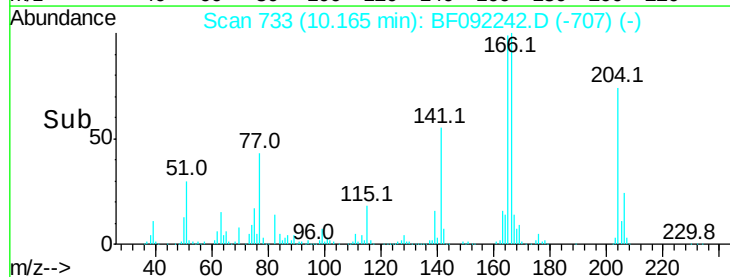
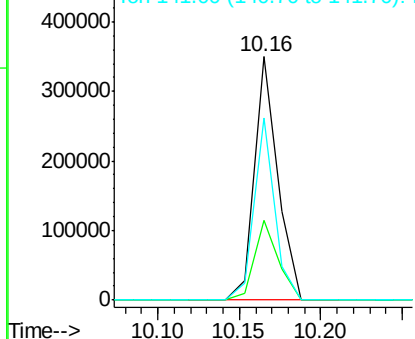
Lab File: BF092242.D

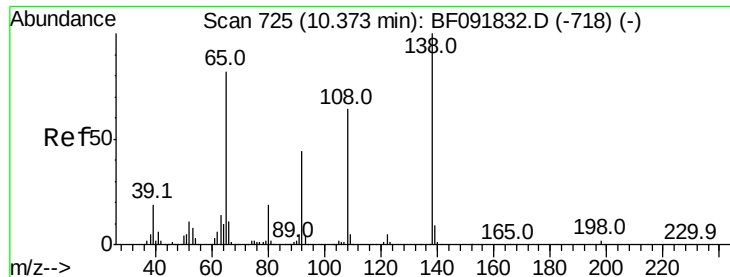
Acq: 13 Jan 2017 11:52

Tgt Ion:	204	Resp:	346682
Ion Ratio	Lower	Upper	
204	100		
206	32.7	25.8	38.6
141	74.7	59.4	89.0



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





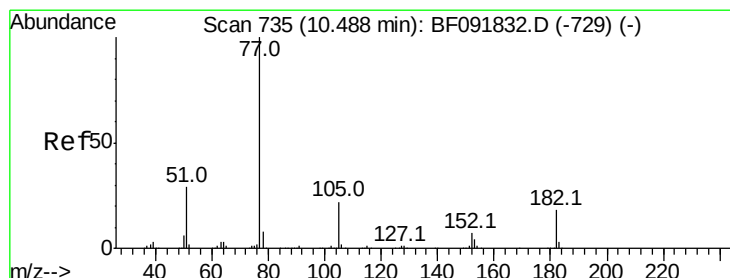
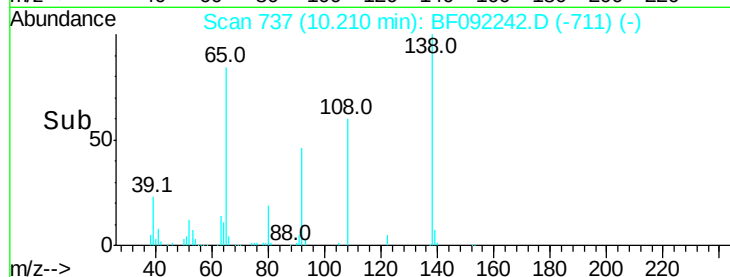
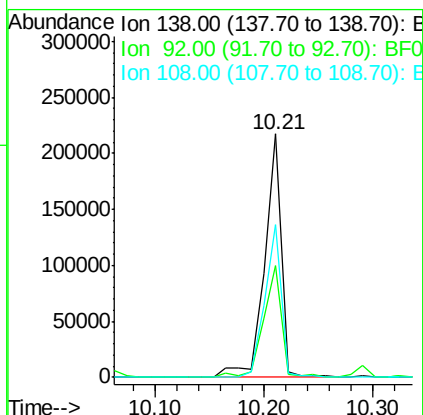
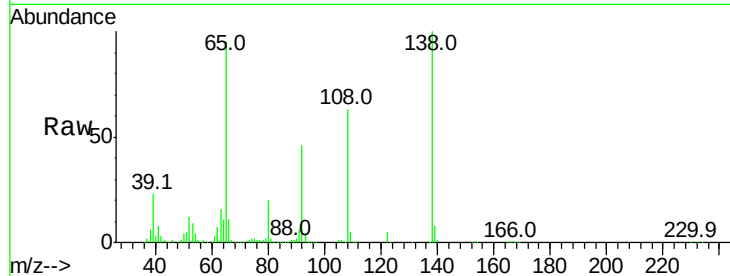
#61
4-Nitroaniline
Concen: 30.52 ng
RT: 10.21 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.8	31.7	71.7
108	63.0	52.6	92.6

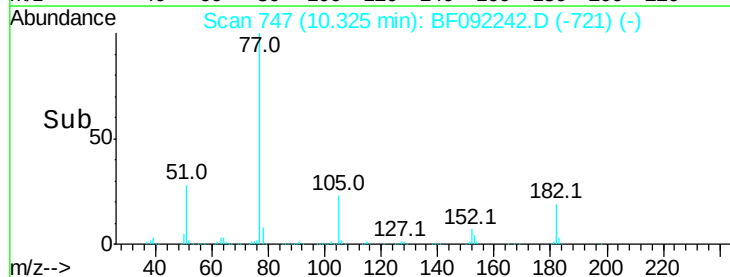
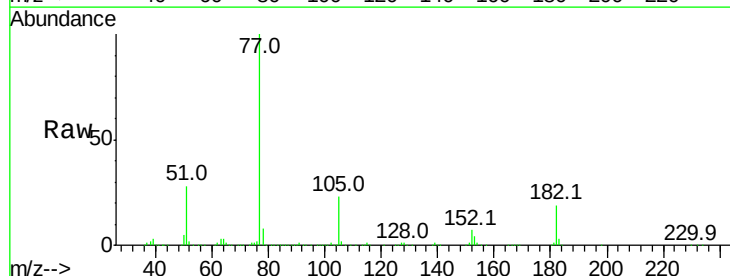
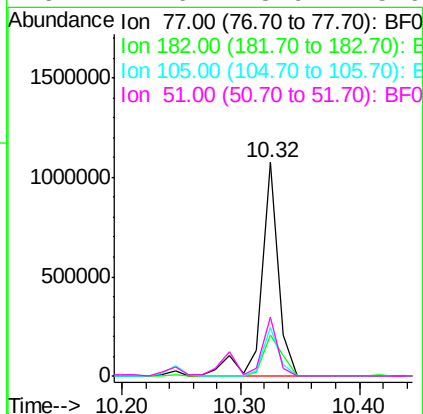
Manual Integrations
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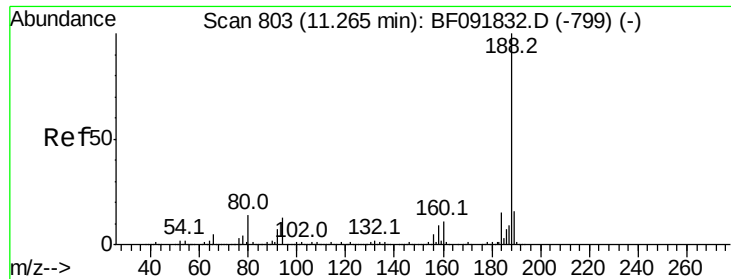
Sohil
1/16/2017 12:00:34 PM



#62
Azobenzene
Concen: 36.30 ng
RT: 10.32 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.0	0.0	39.3
105	22.6	2.3	42.3
51	27.6	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

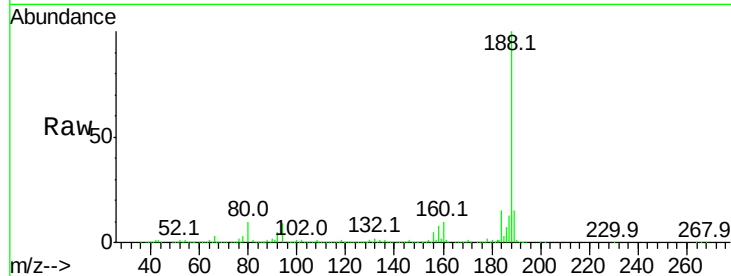
ClientSampled :

SW-001MS

Tot Ion:188	Resp:	523473
Ion Ratio	Lower	Upper
188 100		
94 9.0	10.0	15.0#
80 9.7	11.2	16.8#

Manual Integrations
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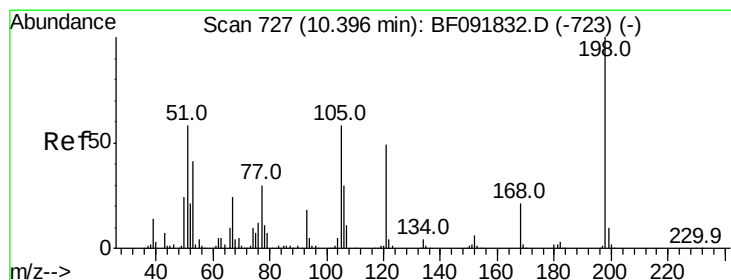
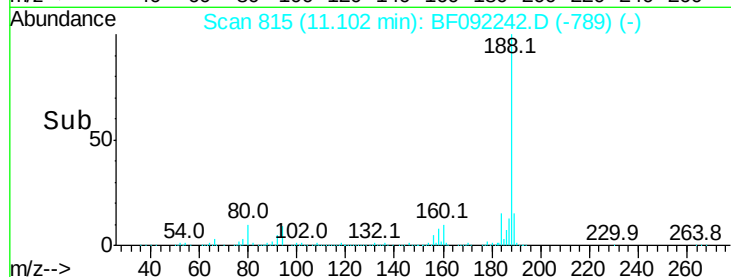
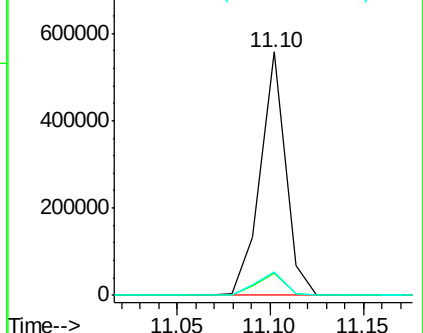
Sohil
1/16/2017 12:00:34 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 33.12 ng

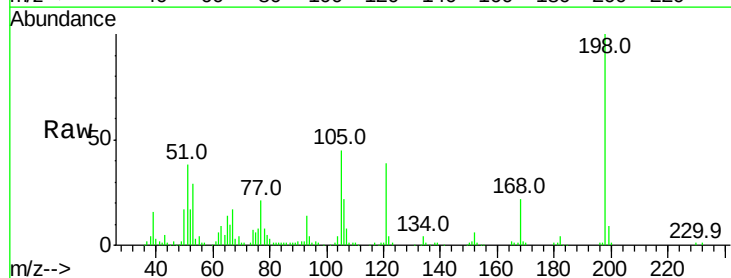
RT: 10.24 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

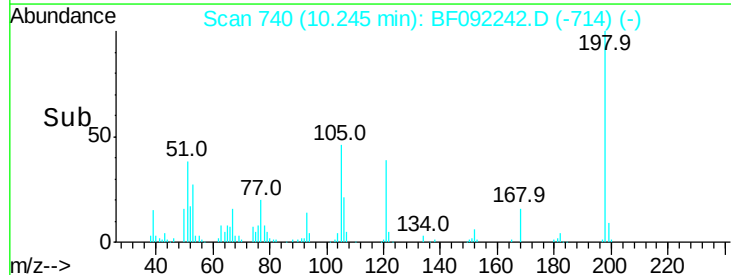
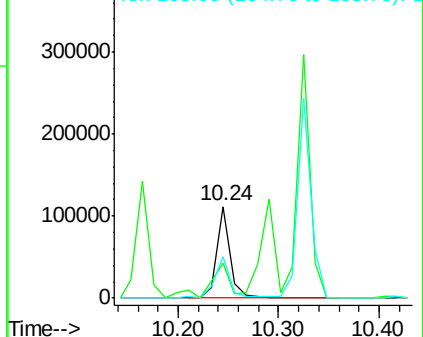
Tgt Ion:198	Resp:	104837
Ion Ratio	Lower	Upper
198 100		
51 38.0	6.7	46.7
105 45.5	16.6	56.6

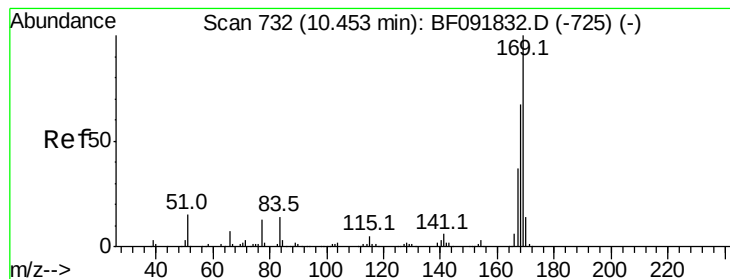


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





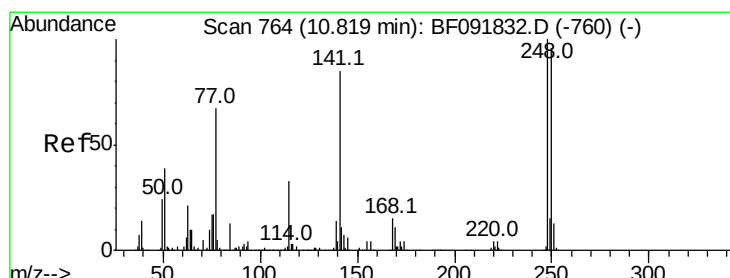
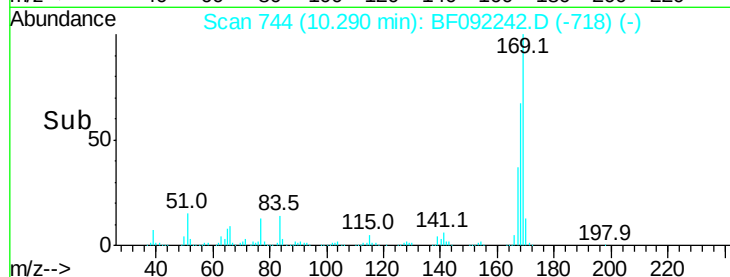
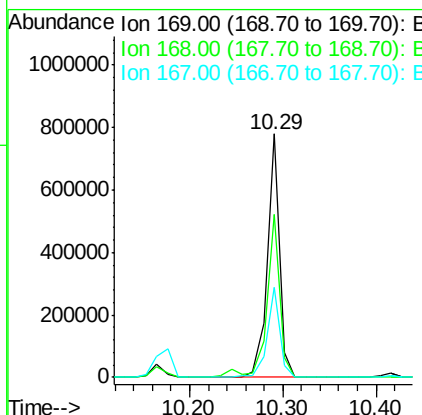
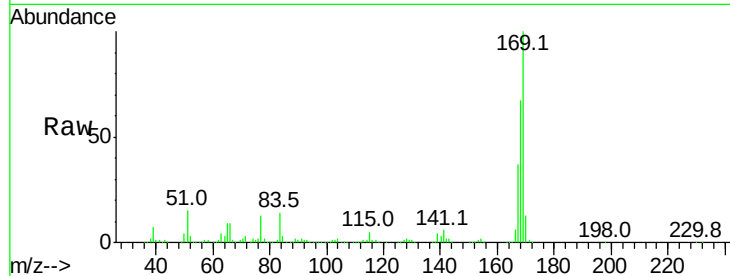
#65
n-Nitrosodiphenylamine
Concen: 46.70 ng
RT: 10.29 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Instrument :
BNA_F
ClientSampled :
SW-001MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	725452		
168	67.1		54.2	81.2
167	37.2		30.2	45.4

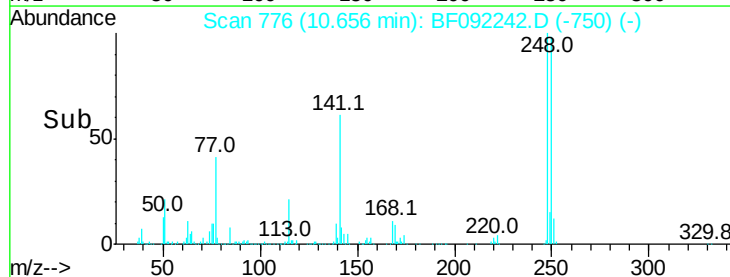
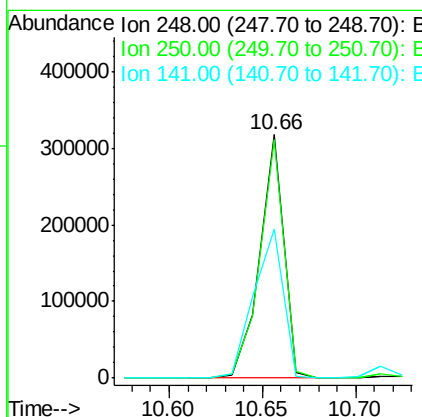
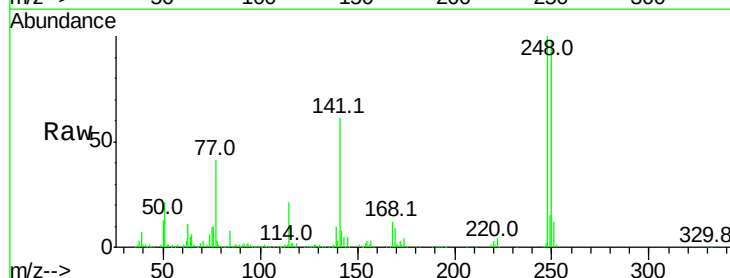
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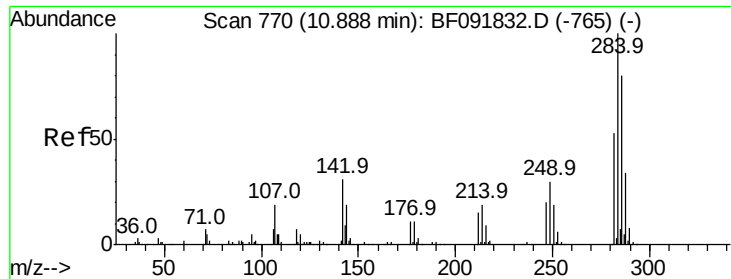
Sohil
1/16/2017 12:00:34 PM



#66
4-Bromophenyl-phenylether
Concen: 52.05 ng
RT: 10.66 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	283448		
250	97.7		76.9	115.3
141	61.2		68.2	102.4#





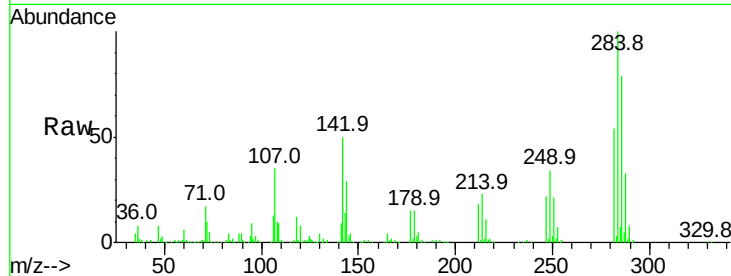
#67
Hexachlorobenzene
Concen: 42.08 ng
RT: 10.71 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Instrument :
BNA_F
ClientSampled :
SW-001MS

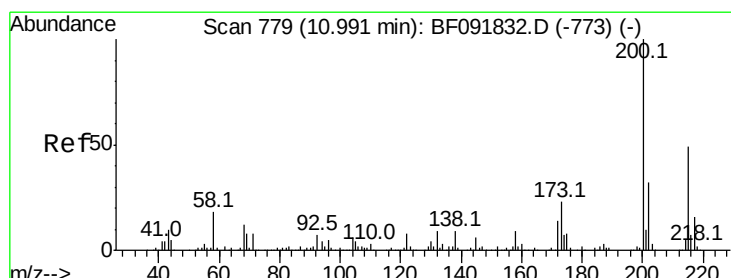
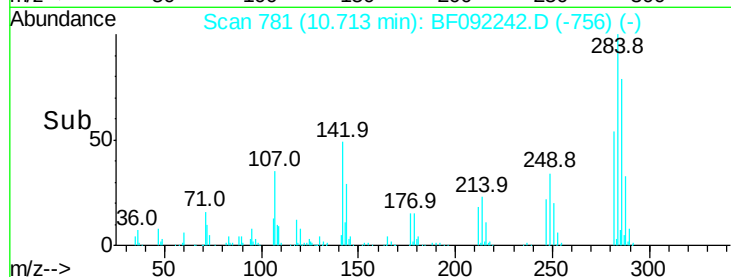
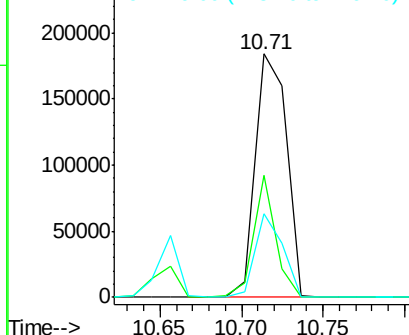
Tot Ion	Ratio	Resp	Lower	Upper
284	100	244949		
142	50.0	22.6	33.8#	
249	34.4	25.4	38.0	

Manual Integrations
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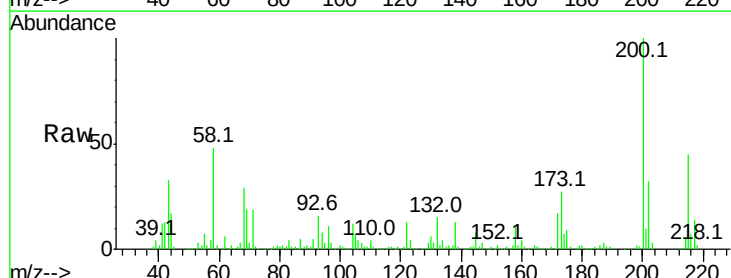


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

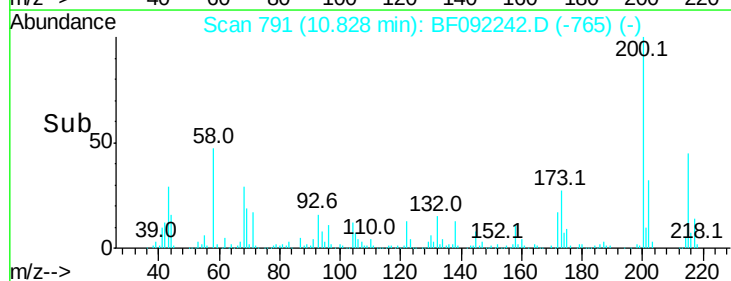
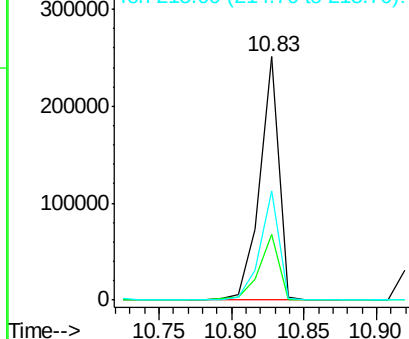


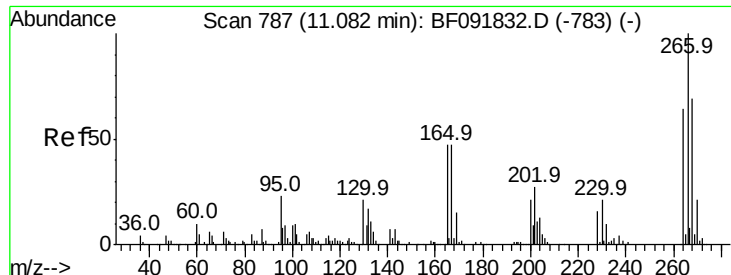
#68
Atrazine
Concen: 45.80 ng
RT: 10.83 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	229475		
173	26.8	9.6	49.6	
215	44.6	25.7	65.7	



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





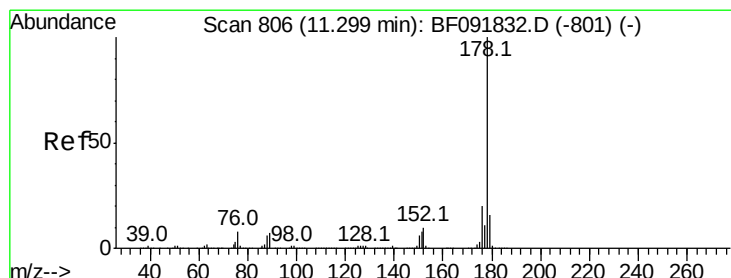
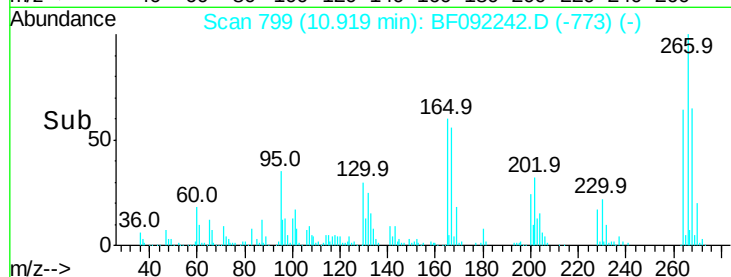
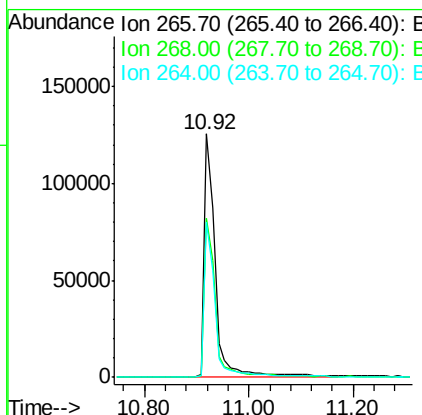
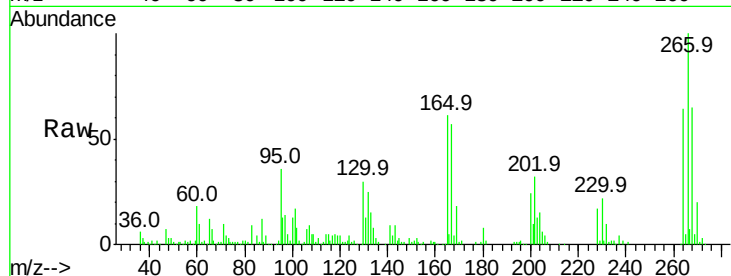
#69
 Pentachlorophenol
 Concen: 66.36 ng
 RT: 10.92 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	189523		
268	65.3	53.3	79.9	
264	63.8	50.3	75.5	

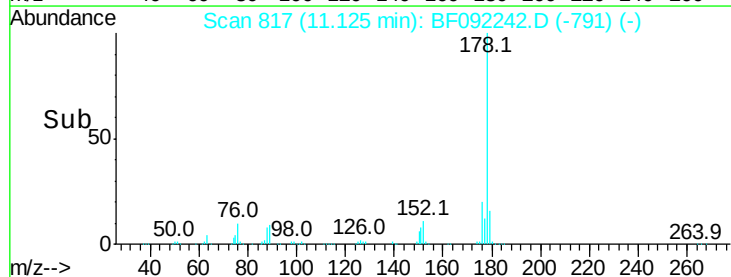
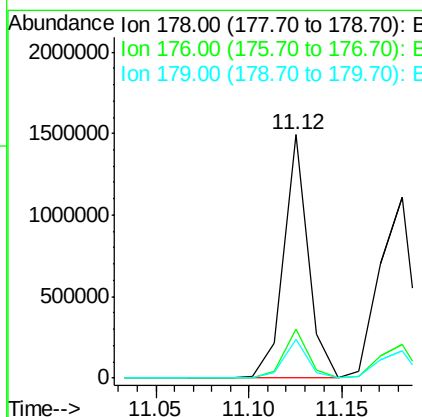
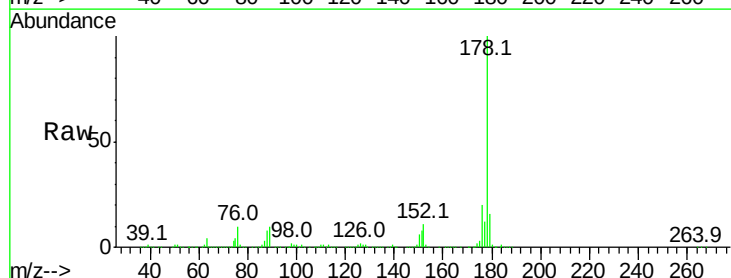
Manual Integrations
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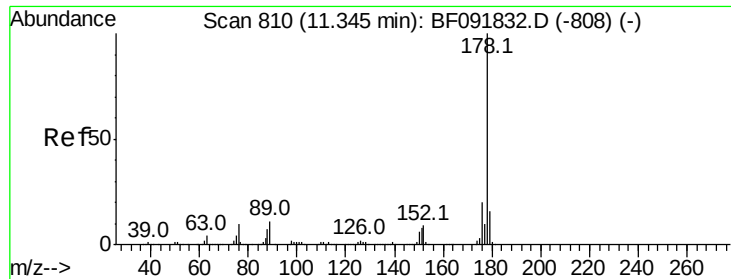
Sohil
 1/16/2017 12:00:34 PM



#70
 Phenanthrene
 Concen: 48.23 ng
 RT: 11.12 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1368930		
176	20.0	16.6	25.0	
179	16.2	12.8	19.2	





#71
 Anthracene
 Concen: 55.22 ng
 RT: 11.18 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

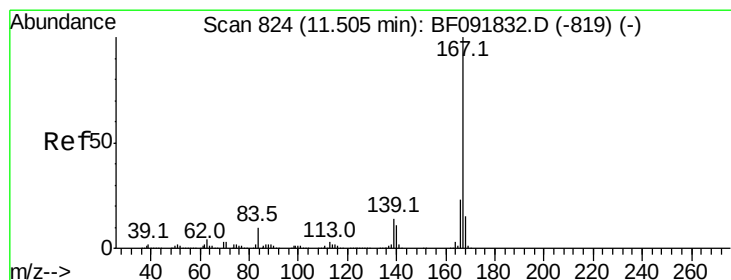
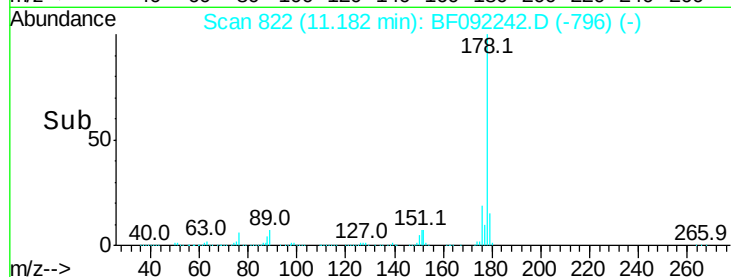
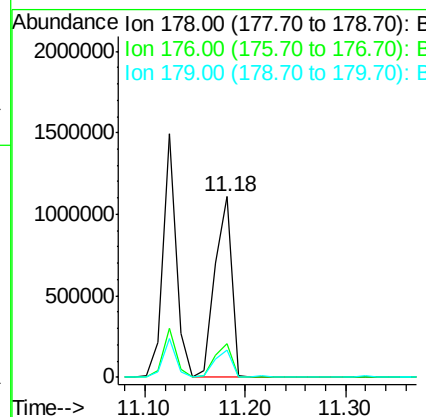
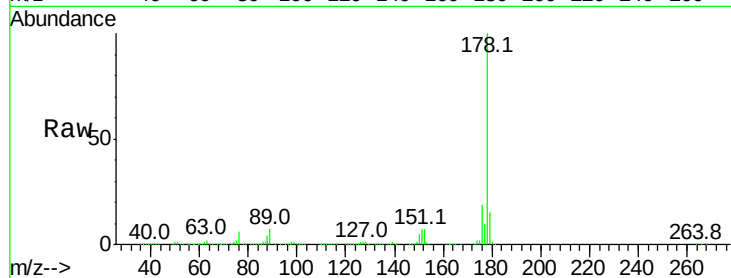
Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

Tot Ion:178 Resp: 1282374

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	15.2	13.2	19.8

Manual Integrations
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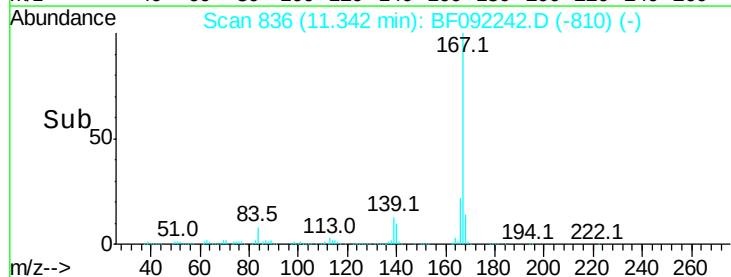
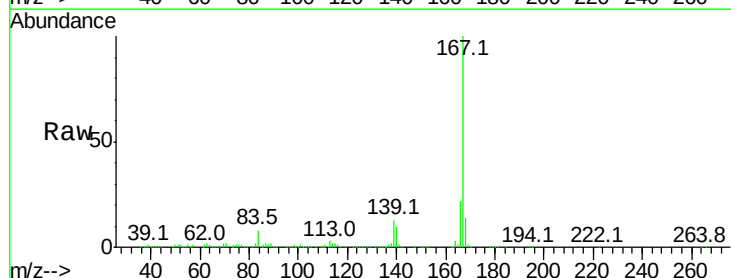
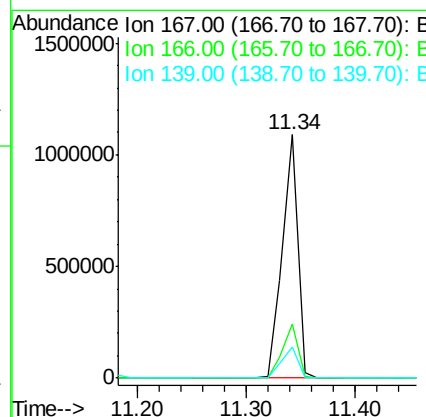
Sohil
 1/16/2017 12:00:34 PM

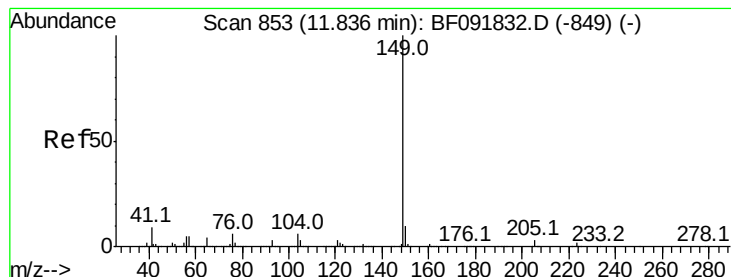


#72
 Carbazole
 Concen: 46.70 ng
 RT: 11.34 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Tgt Ion:167 Resp: 1073232

Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.2
139	12.9	11.4	17.2





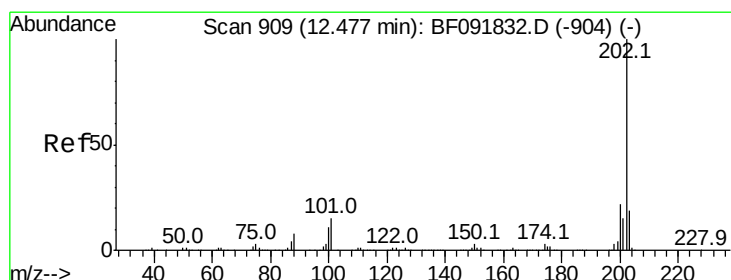
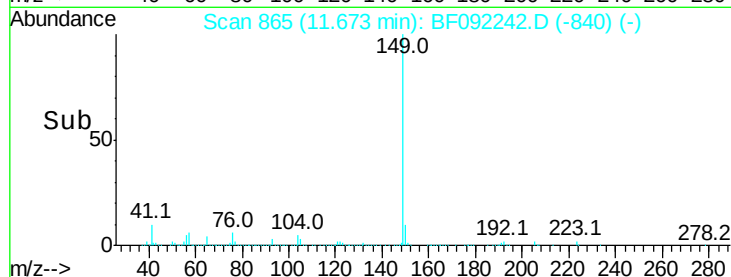
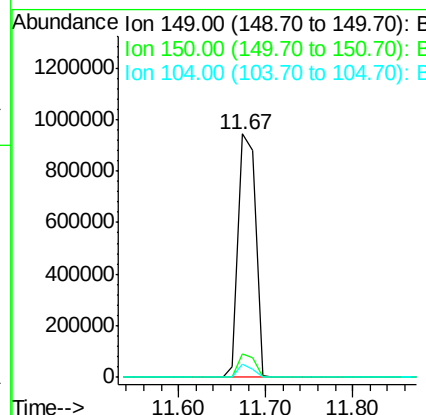
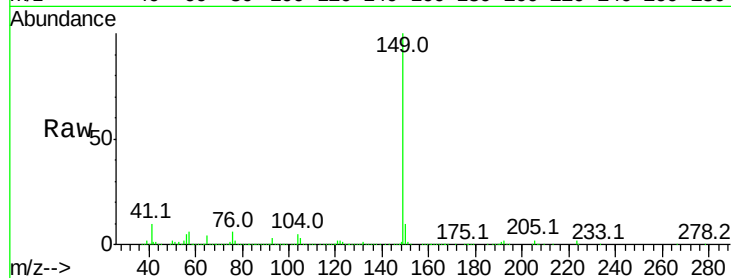
#73
Di-n-butylphthalate
Concen: 48.21 ng
RT: 11.67 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	5.4	4.6	7.0

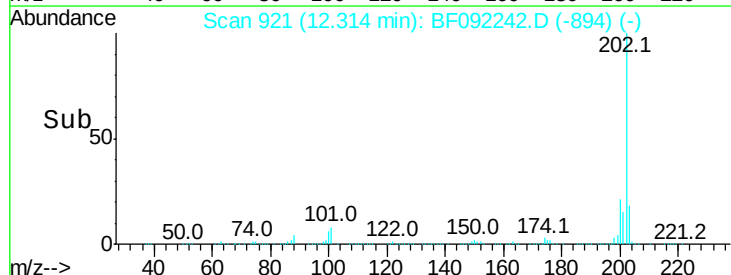
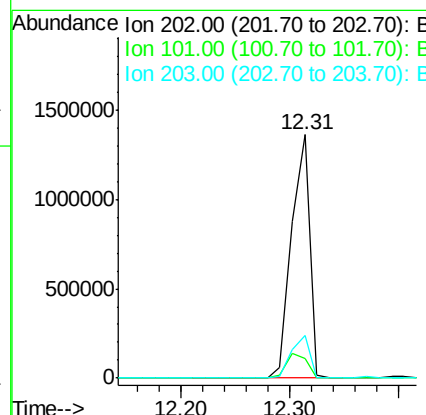
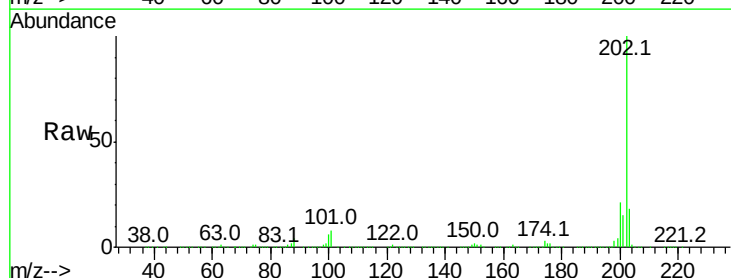
Manual Integrations
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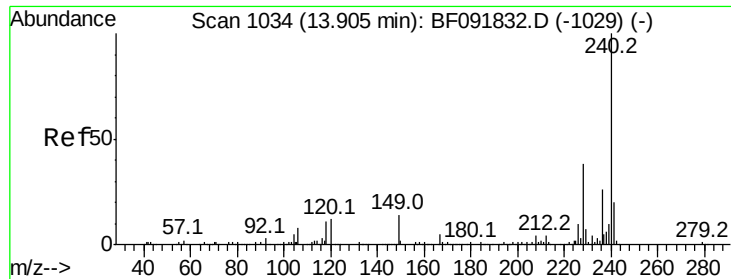
Sohil
1/16/2017 12:00:34 PM



#74
Fluoranthene
Concen: 65.62 ng
RT: 12.31 min Scan# 921
Delta R.T. 0.01 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	34.6
203	17.6	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

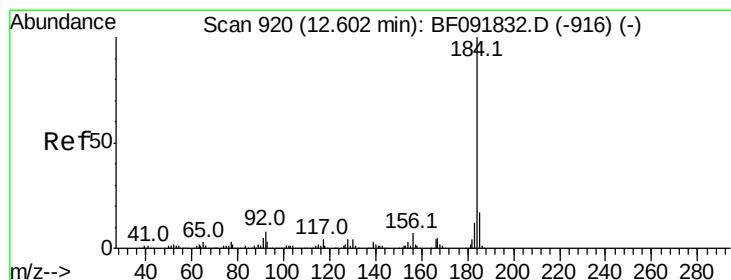
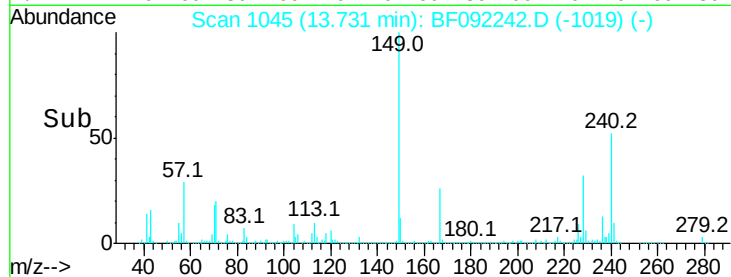
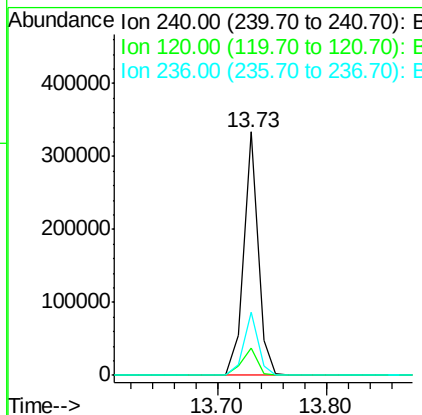
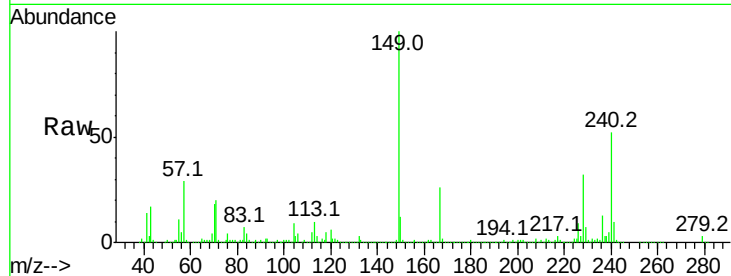
ClientSampleId :

SW-001MS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	304232		
120	11.0	12.9	19.3#	
236	26.0	20.9	31.3	

Manual Integrations
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1/16/2017 12:00:34 PM



#76

Benzidine

Concen: 17.24 ng

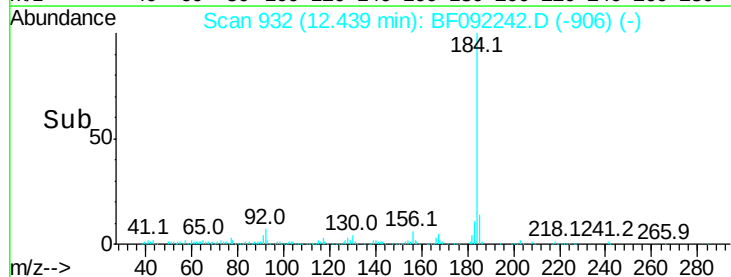
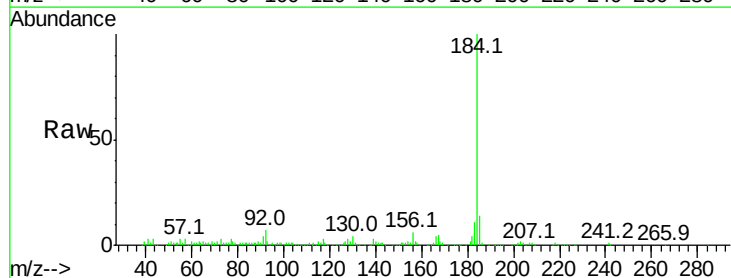
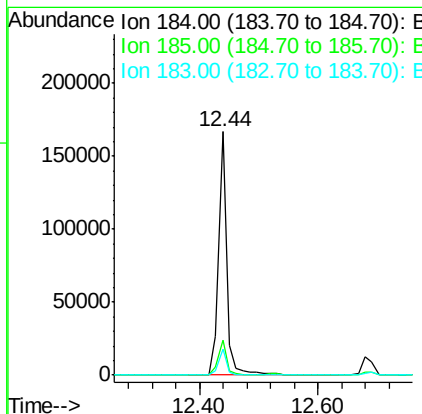
RT: 12.44 min Scan# 932

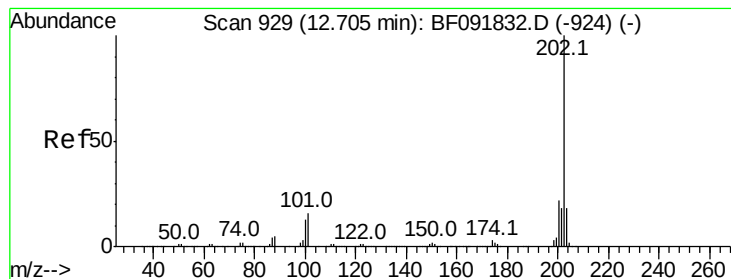
Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	160822		
185	14.5	13.4	20.0	
183	10.9	9.2	13.8	





#77

Pvrene

Concen: 60.13 ng

RT: 12.53 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SW-001MS

Tot Ion:202 Resp: 1342267

Ion Ratio Lower Upper

202 100

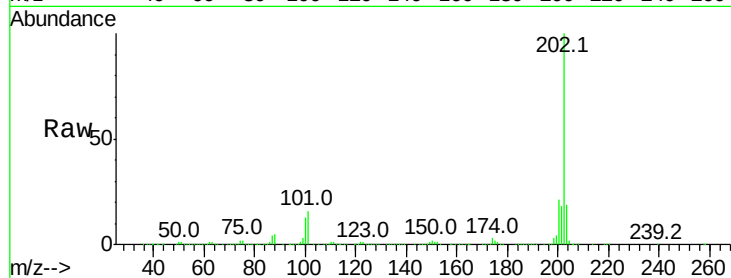
200 21.4 17.7 26.5

203 18.7 14.7 22.1

Manual Integrations
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Sohil

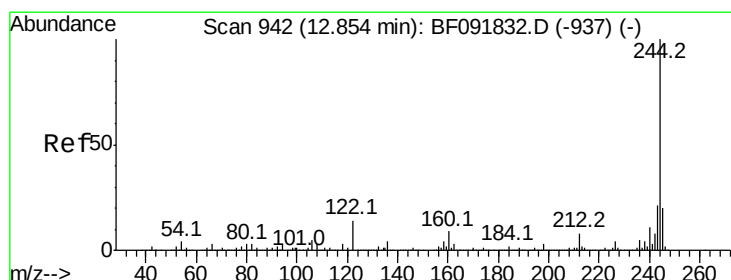
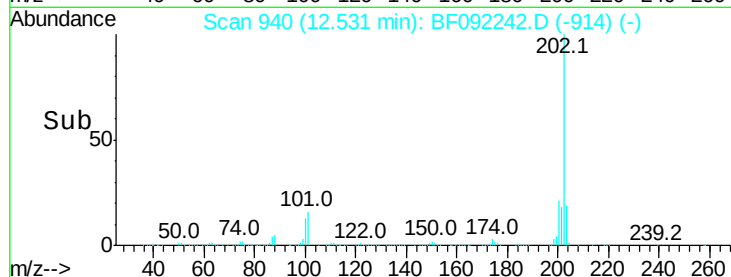
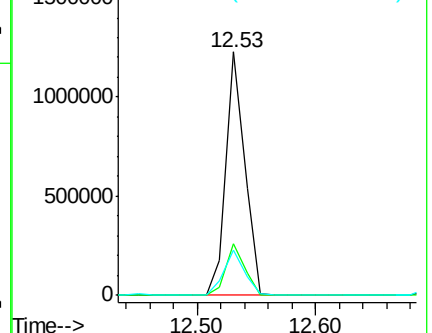
1/16/2017 12:00:34 PM



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: 91.44 ng

RT: 12.69 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

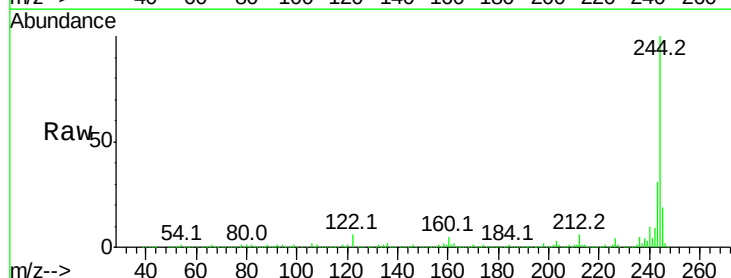
Tgt Ion:244 Resp: 1147089

Ion Ratio Lower Upper

244 100

212 6.1 6.2 9.2#

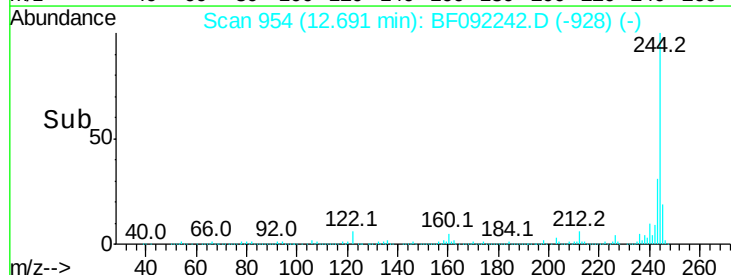
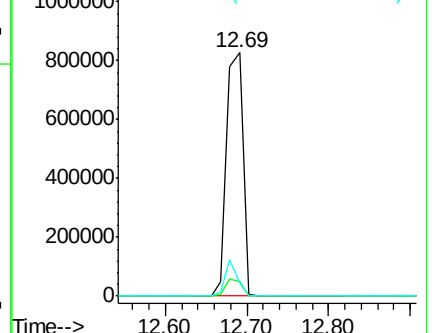
122 5.7 11.4 17.2#

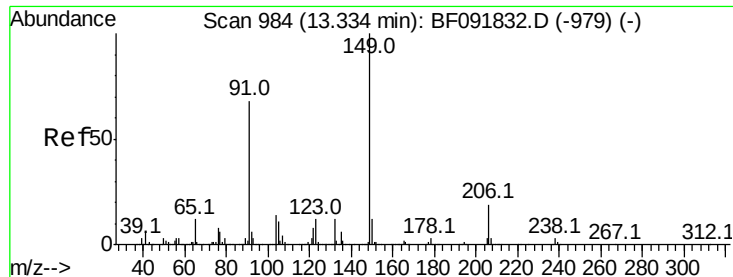


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.54 ng

RT: 13.17 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

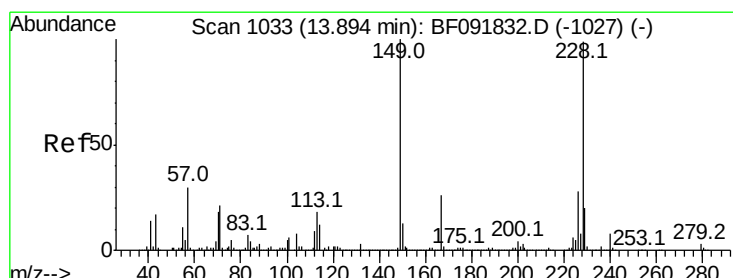
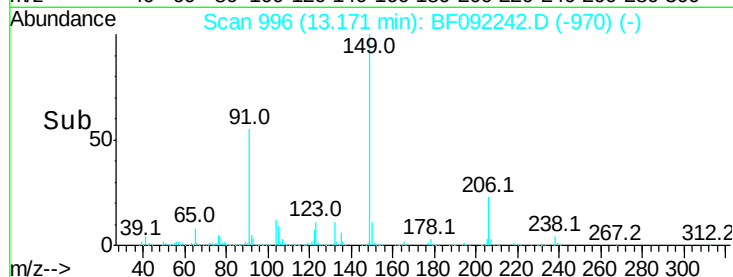
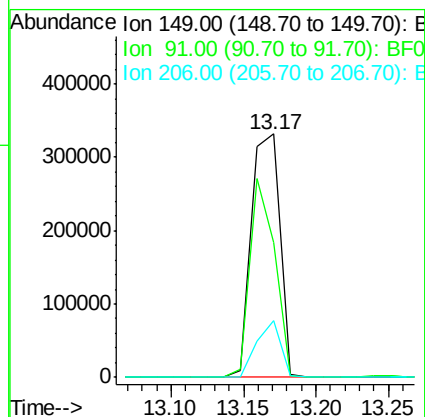
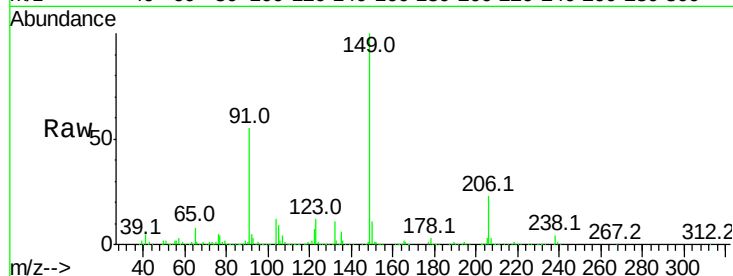
ClientSampleId :

SW-001MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	452222		
91	55.2	63.9	95.9#	
206	23.3	14.6	21.8#	

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#80

Benzo(a)anthracene

Concen: 56.98 ng

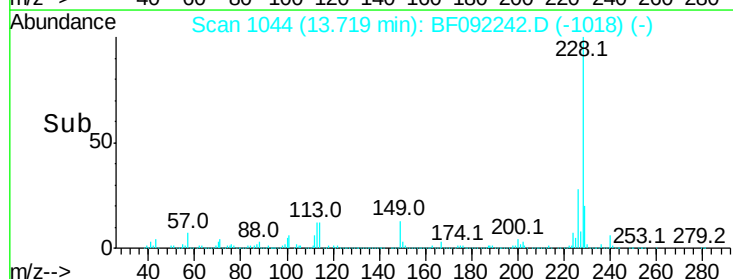
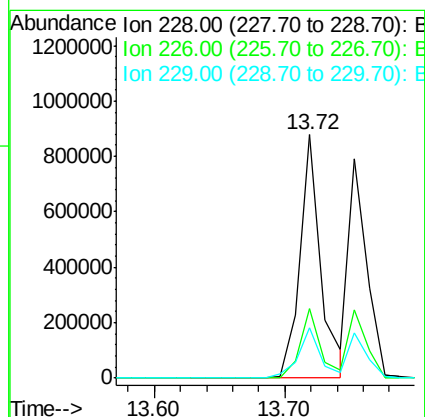
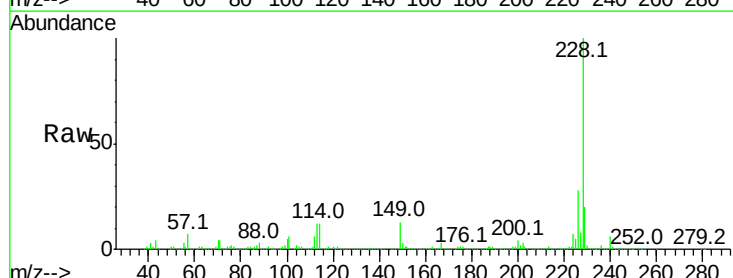
RT: 13.72 min Scan# 1044

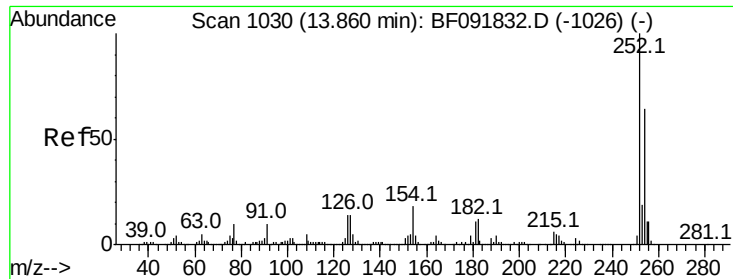
Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	978532		
226	28.5	22.4	33.6	
229	20.5	16.2	24.4	





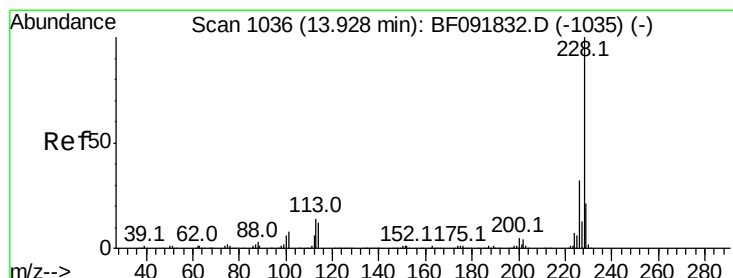
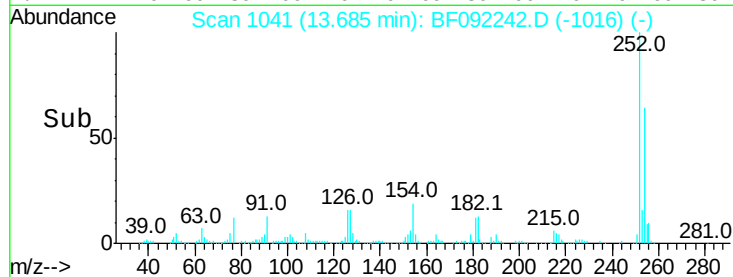
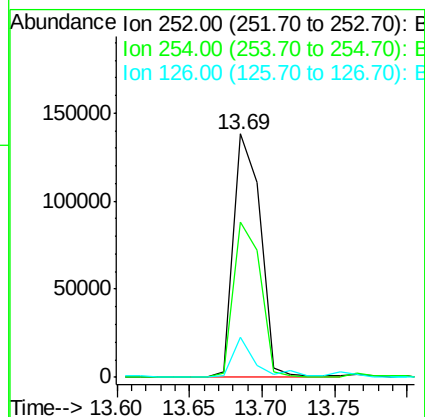
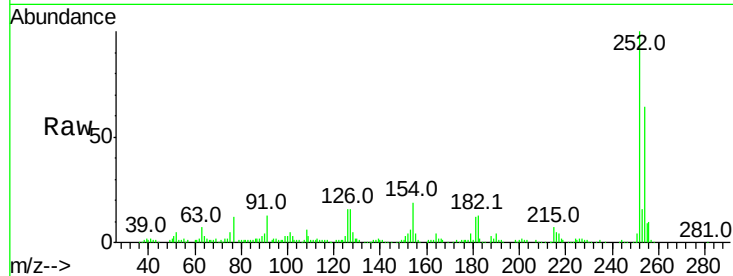
#81
 3,3'-Dichlorobenzidine
 Concen: 27.56 ng
 RT: 13.69 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	179497		
254	63.9	52.3	78.5	
126	16.5	13.6	20.4	

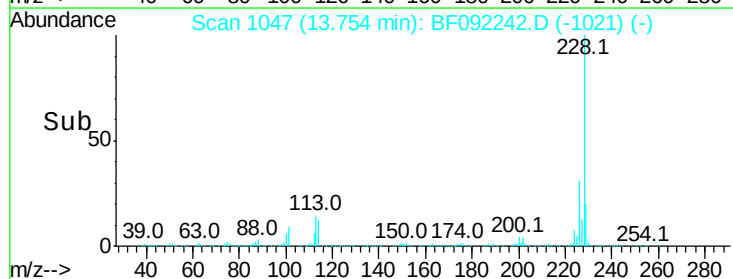
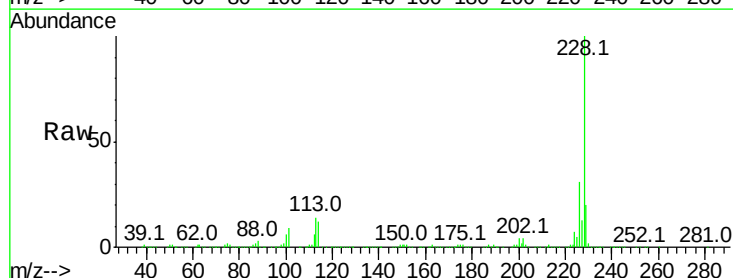
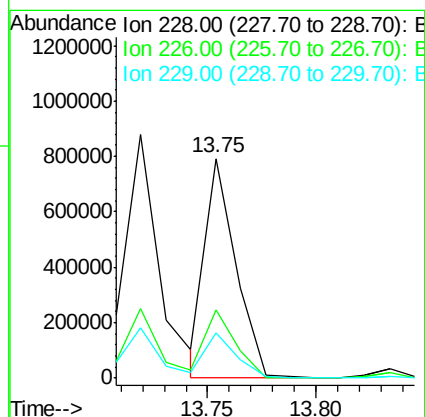
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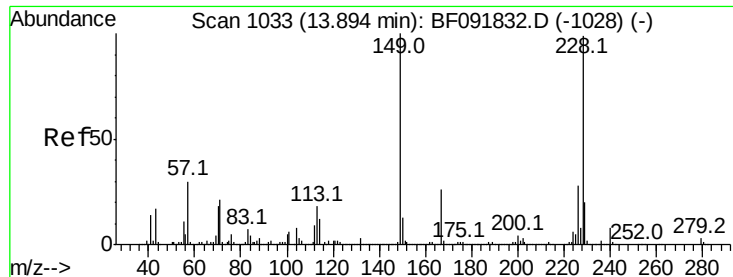
Sohil
 1/16/2017 12:00:34 PM



#82
 Chrysene
 Concen: 45.07 ng
 RT: 13.75 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	776387		
226	31.0	25.4	38.0	
229	20.5	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.98 ng

RT: 13.73 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

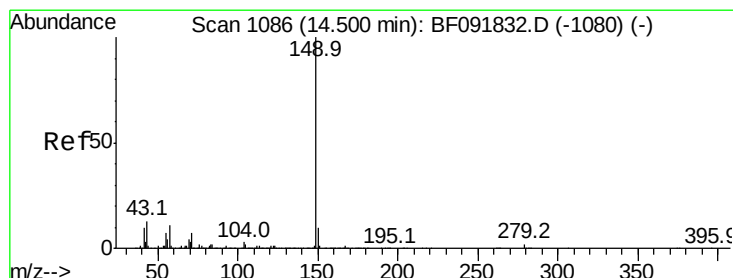
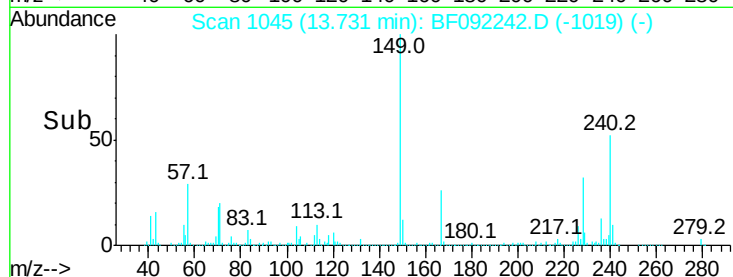
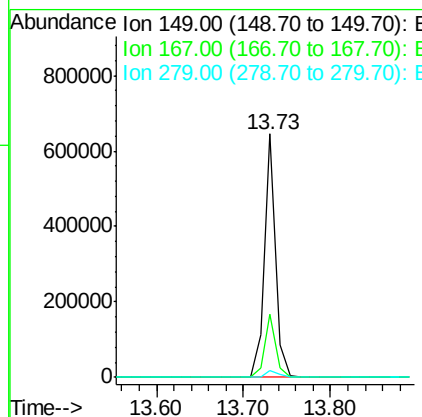
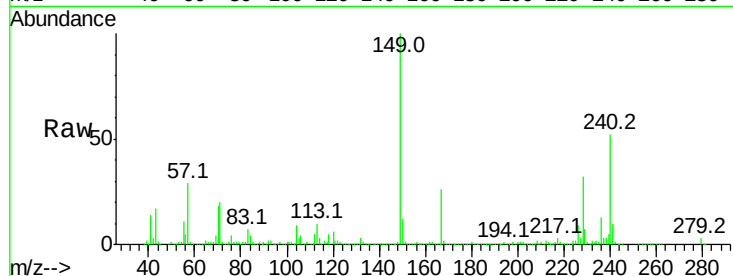
ClientSampleId :

SW-001MS

Tot Ion:	149	Resp:	585616
Ion Ratio	Lower	Upper	
149	100		
167	25.8	20.2	30.4
279	2.8	1.8	2.8#

Manual Integrations
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1/16/2017 12:00:34 PM



#84

Di-n-octyl phthalate

Concen: 45.82 ng

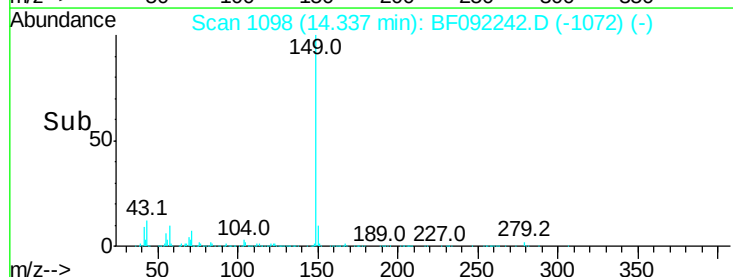
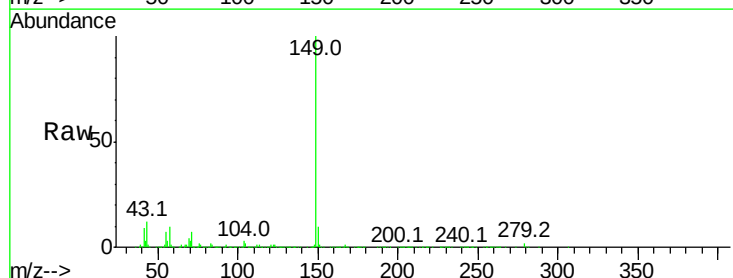
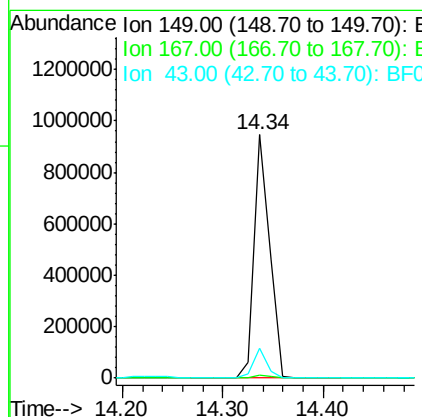
RT: 14.34 min Scan# 1098

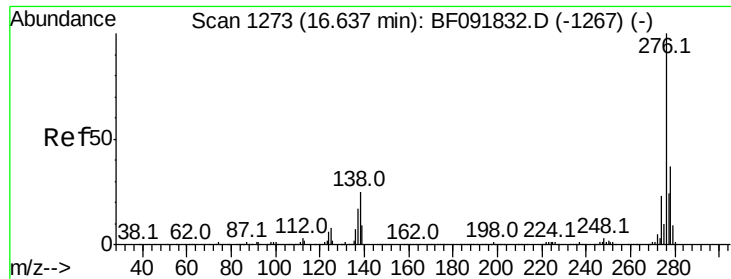
Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Tgt Ion:	149	Resp:	1014790
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	10.2	8.9	13.3





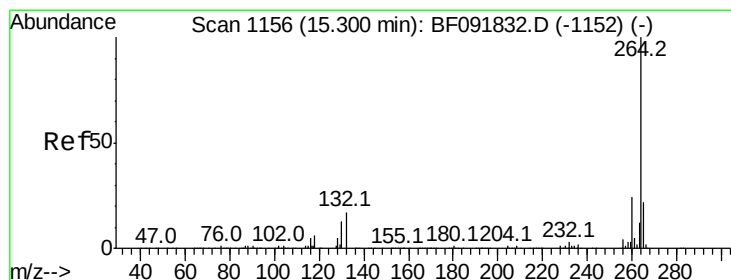
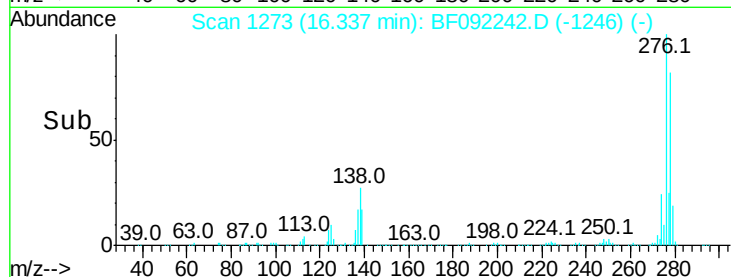
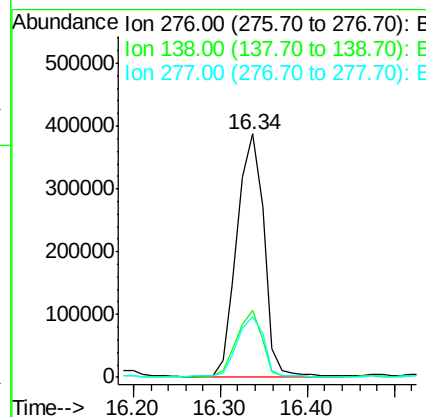
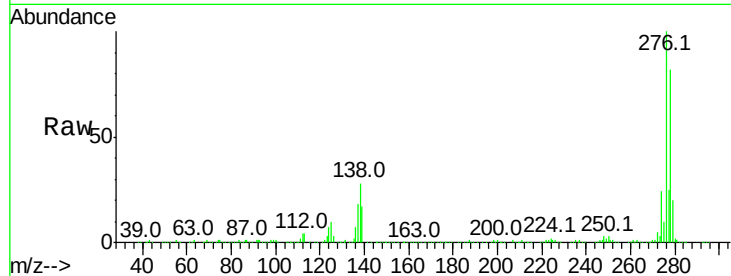
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.85 ng
 RT: 16.34 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Instrument :
 BNA_F
 ClientSampled :
 SW-001MS

Tot Ion:	276	Resp:	833431
Ion Ratio	Lower	Upper	
276	100		
138	26.5	21.8	32.6
277	25.3	20.2	30.4

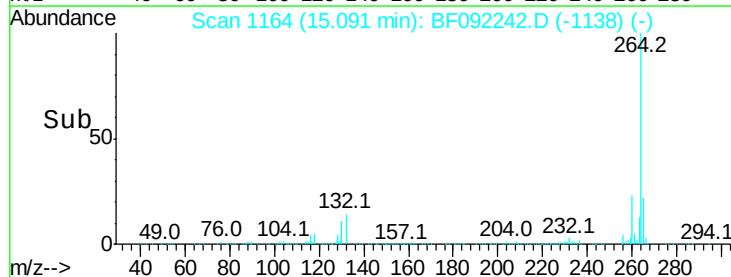
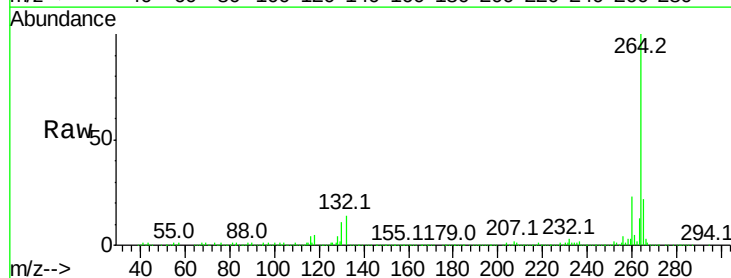
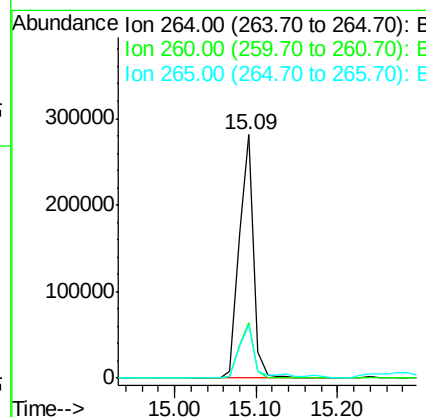
Manual Integrations
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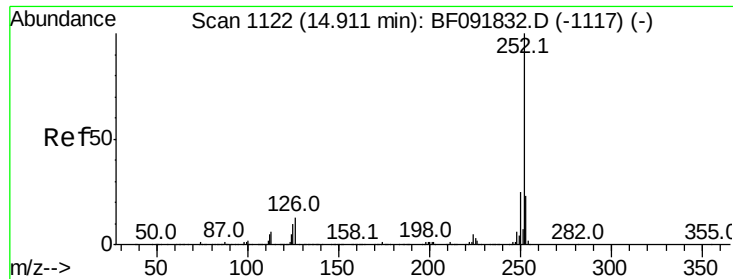
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 1/16/2017 12:00:34 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Tgt Ion:	264	Resp:	344809
Ion Ratio	Lower	Upper	
264	100		
260	22.8	19.2	28.8
265	21.7	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 49.69 ng m

RT: 14.73 min Scan# 1132

Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

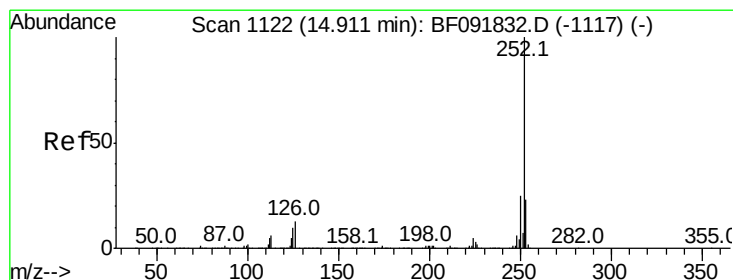
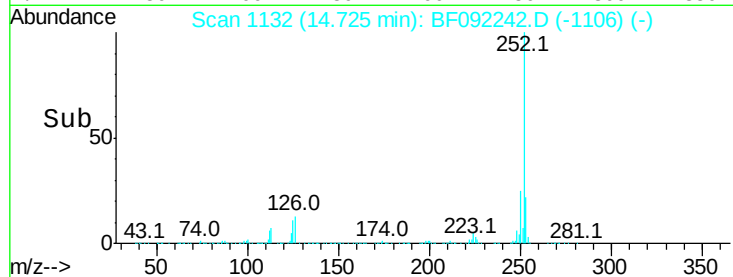
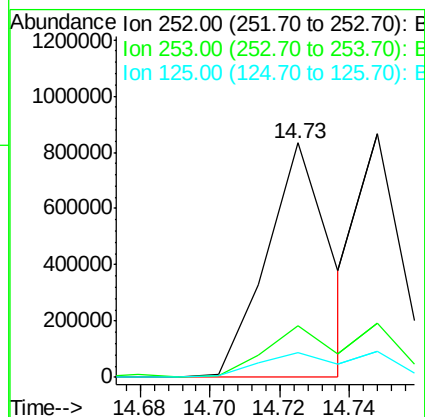
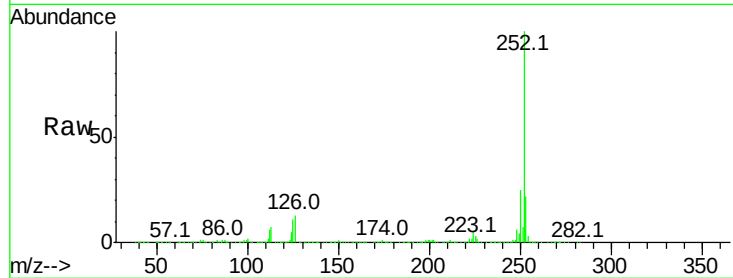
ClientSampled :

SW-001MS

Tot Ion:252	Resp: 1066664		
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.2	27.4
125	10.7	9.8	14.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 38.93 ng m

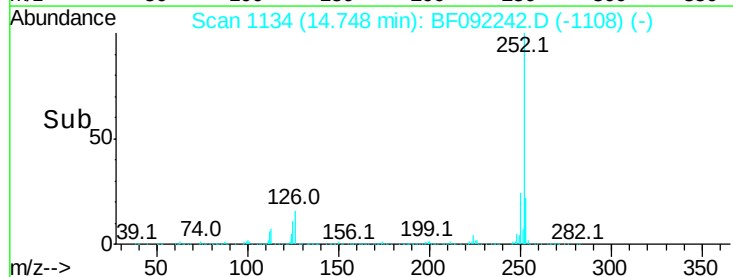
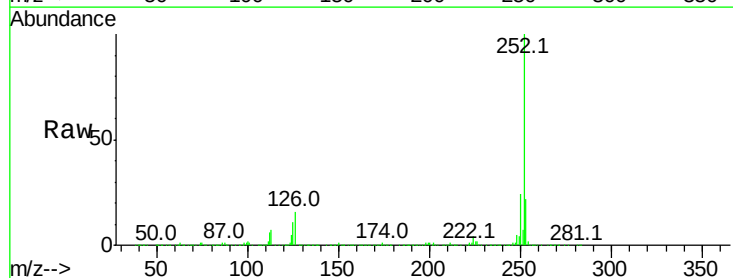
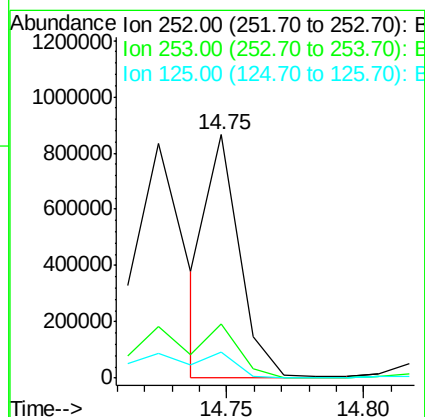
RT: 14.75 min Scan# 1134

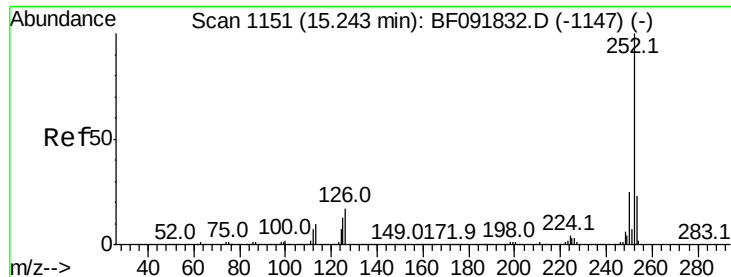
Delta R.T. 0.00 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Tgt	Ion:252	Resp:	712741
Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	10.7	8.9	13.3





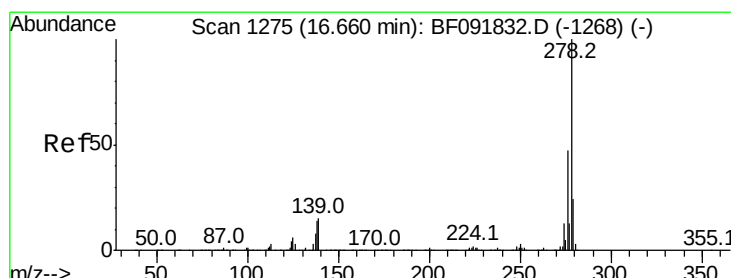
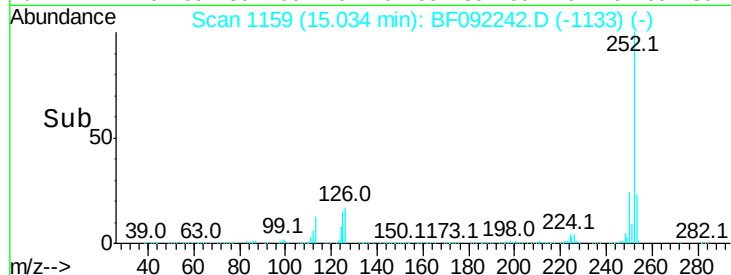
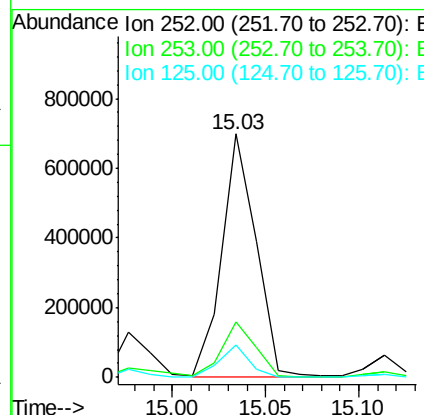
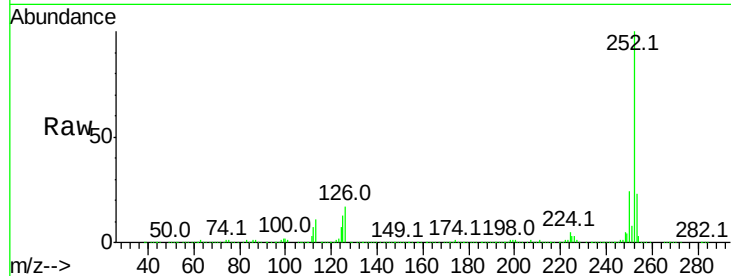
#89
Benzo(a)pyrene
Concen: 46.72 ng
RT: 15.03 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	890131		
253	22.8	18.2	27.2	
125	13.3	10.0	15.0	

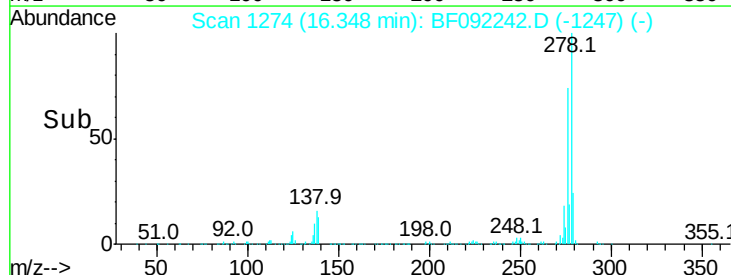
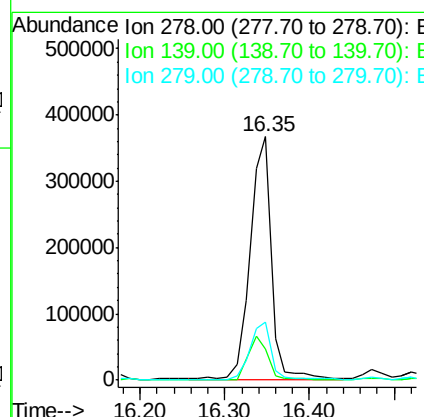
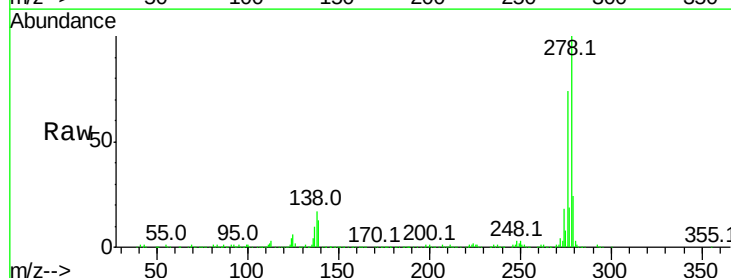
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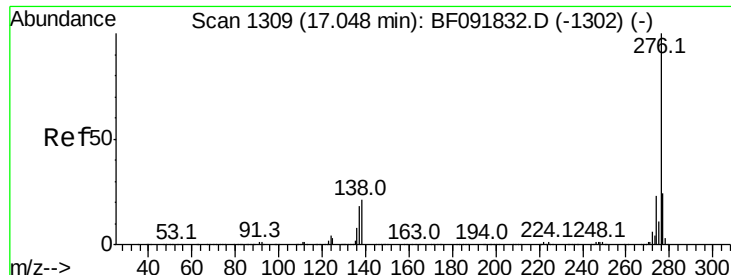
Sohil
1/16/2017 12:00:34 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.78 ng m
RT: 16.35 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	654385		
139	12.6	14.8	22.2	#
279	23.9	19.8	29.6	





#91
 Benzo(a,h,i)perylene
 Concen: 42.96 ng
 RT: 16.70 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

Tot Ion:	276	Resp:	699668
Ion Ratio	Lower	Upper	
276	100		
277	23.7	19.2	28.8
138	22.7	16.0	24.0

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