

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
 Data File : BF089933.D
 Acq On : 31 Aug 2016 4:33
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

SOHIL
 9/1/2016 11:51:52 AM

Quant Time: Aug 31 05:47:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 05:39:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	189874	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	747816	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	373611	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	759792	20.00	ng	0.00
75) Chrysene-d12	13.76	240	589377	20.00	ng	0.00
86) Perylene-d12	15.10	264	529053	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1128572	47.47	ng	0.00
7) Phenol-d6	6.28	99	1328085	45.58	ng	0.01
23) Nitrobenzene-d5	7.21	82	1145648	44.99	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	373290	52.59	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1986785	43.82	ng	0.00
78) Terphenyl-d14	12.72	244	2040157	42.51	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.09	88	263068	47.24	ng	99
3) Pyridine	2.72	79	770051	52.05	ng	99
4) n-Nitrosodimethylamine	2.68	42	368381	49.72	ng	100
6) Aniline	6.30	93	907222	45.82	ng	# 65
8) 2-Chlorophenol	6.42	128	608860	46.78	ng	95
9) Benzaldehyde	6.18	77	440850	46.72	ng	98
10) Phenol	6.30	94	815025	48.10	ng	90
11) bis(2-Chloroethyl)ether	6.39	93	633476	49.74	ng	89
12) 1,3-Dichlorobenzene	6.58	146	695764	47.62	ng	99
13) 1,4-Dichlorobenzene	6.66	146	685967m	46.15	ng	
14) 1,2-Dichlorobenzene	6.81	146	621418	47.19	ng	99
15) Benzyl Alcohol	6.79	79	404886	43.70	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1174453	47.90	ng	98
17) 2-Methylphenol	6.91	107	511105	49.40	ng	98
18) Hexachloroethane	7.15	117	235630	46.35	ng	98
19) n-Nitroso-di-n-propylamine	7.07	70	416084	43.34	ng	90
20) 3+4-Methylphenols	7.06	107	571974	45.84	ng	# 68
22) Acetophenone	7.06	105	806714	48.81	ng	# 97
24) Nitrobenzene	7.23	77	725084	53.87	ng	# 82
25) Isophorone	7.47	82	1224699	46.96	ng	98
26) 2-Nitrophenol	7.54	139	310238	47.90	ng	97
27) 2,4-Dimethylphenol	7.60	122	621212	50.59	ng	95
28) bis(2-Chloroethoxy)methane	7.69	93	737795	46.63	ng	99
29) 2,4-Dichlorophenol	7.78	162	512953	46.85	ng	98
30) 1,2,4-Trichlorobenzene	7.87	180	581457	49.18	ng	100
31) Naphthalene	7.95	128	1705896	45.88	ng	99
32) Benzoic acid	7.74	122	459600	57.24	ng	95
33) 4-Chloroaniline	8.00	127	700075	46.94	ng	99
34) Hexachlorobutadiene	8.07	225	326580	47.13	ng	99
35) Caprolactam	8.39	113	181584	53.38	ng	89
36) 4-Chloro-3-methylphenol	8.49	107	601607	53.35	ng	88
37) 2-Methylnaphthalene	8.64	142	1199937	49.09	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	486495	44.09	ng	99
40) Hexachlorocyclopentadiene	8.80	237	309579	54.75	ng	96

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Instrument :
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SOHIL
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	392380	51.83	ng	100
43) 2,4,5-Trichlorophenol	8.95	196	360590	48.20	ng	97
45) 1,1'-Biphenyl	9.11	154	1453728	47.29	ng	95
46) 2-Chloronaphthalene	9.12	162	970824	45.63	ng	99
47) 2-Nitroaniline	9.22	65	400411	58.20	ng	# 73
48) Acenaphthylene	9.53	152	1602568	45.78	ng	100
49) Dimethylphthalate	9.42	163	1391706	53.54	ng	98
50) 2,6-Dinitrotoluene	9.46	165	280059	45.43	ng	# 87
51) Acenaphthene	9.70	154	1027824	45.51	ng	99
52) 3-Nitroaniline	9.63	138	390846	59.97	ng	81
53) 2,4-Dinitrophenol	9.74	184	169720	67.93	ng	# 57
54) Dibenzofuran	9.87	168	1356923	46.28	ng	99
55) 4-Nitrophenol	9.79	139	299926	57.38	ng	# 67
56) 2,4-Dinitrotoluene	9.86	165	359630	46.74	ng	# 86
57) Fluorene	10.22	166	1076603	47.97	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	307751	49.17	ng	97
59) Diethylphthalate	10.10	149	1247963	47.50	ng	99
60) 4-Chlorophenyl-phenylether	10.22	204	513566	48.06	ng	94
61) 4-Nitroaniline	10.24	138	321735	49.40	ng	86
62) Azobenzene	10.38	77	1273185	50.12	ng	82
64) 4,6-Dinitro-2-methylphenol	10.27	198	257976	55.95	ng	# 53
65) n-Nitrosodiphenylamine	10.33	169	966628	41.61	ng	100
66) 4-Bromophenyl-phenylether	10.70	248	338591	44.24	ng	95
67) Hexachlorobenzene	10.75	284	397177	44.62	ng	96
68) Atrazine	10.87	200	399891	54.34	ng	95
69) Pentachlorophenol	10.95	266	252672	54.87	ng	98
70) Phenanthrene	11.16	178	1656010	44.85	ng	100
71) Anthracene	11.21	178	1796438	46.19	ng	100
72) Carbazole	11.37	167	1530217	43.05	ng	99
73) Di-n-butylphthalate	11.73	149	1987072	46.05	ng	# 97
74) Fluoranthene	12.34	202	1872399	47.79	ng	98
76) Benzidine	12.47	184	975712	44.82	ng	99
77) Pyrene	12.57	202	1969833	47.99	ng	99
79) Butylbenzylphthalate	13.20	149	770918	47.49	ng	98
80) Benzo(a)anthracene	13.75	228	1622479	45.74	ng	99
81) 3,3'-Dichlorobenzidine	13.73	252	680088	53.00	ng	# 95
82) Chrysene	13.78	228	1404379	44.57	ng	100
83) Bis(2-ethylhexyl)phthalate	13.77	149	1114964	48.36	ng	99
84) Di-n-octyl phthalate	14.38	149	1965716	53.70	ng	99
85) Indeno(1,2,3-cd)pyrene	16.33	276	1267704	52.50	ng	100
87) Benzo(b)fluoranthene	14.74	252	1665193m	50.70	ng	
88) Benzo(k)fluoranthene	14.77	252	1154971m	41.58	ng	
89) Benzo(a)pyrene	15.05	252	1370956	49.00	ng	# 97
90) Dibenzo(a,h)anthracene	16.34	278	1039941	48.83	ng	# 96
91) Benzo(g,h,i)perylene	16.70	276	1028625	48.27	ng	96

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

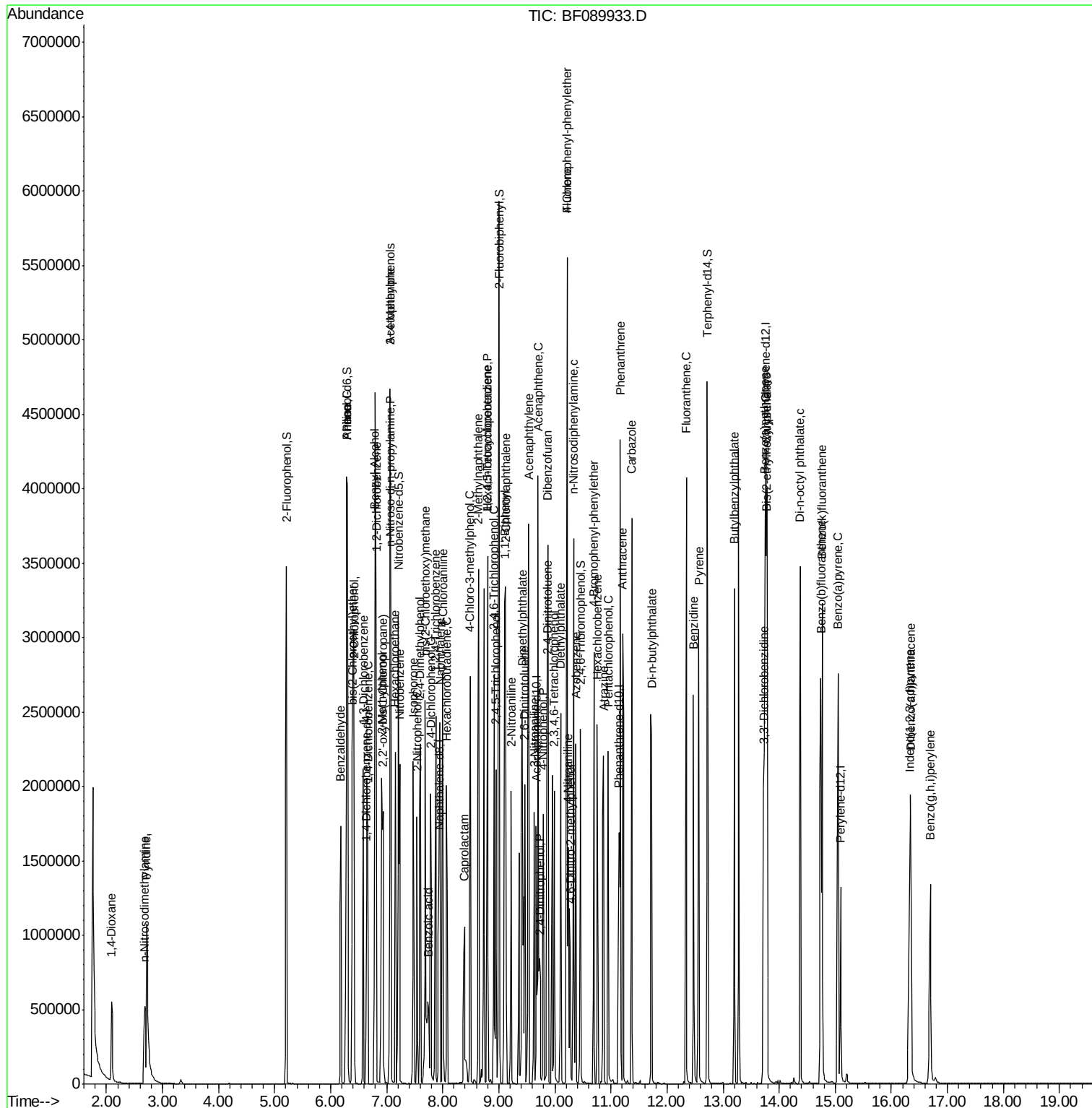
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Operator  : UM/SJ
Sample    : SSTDICC050
Misc      :
ALS Vial  : 6    Sample Multiplier: 1
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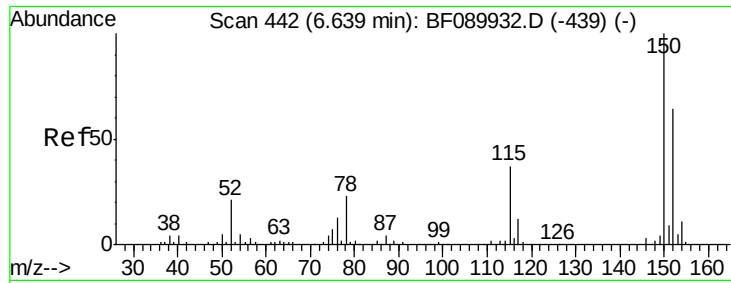
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

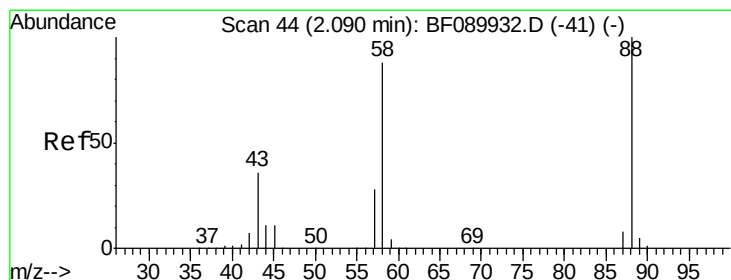
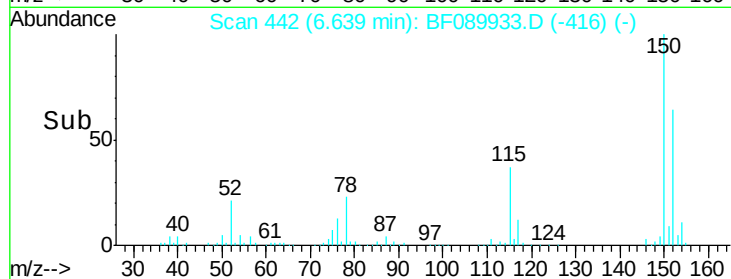
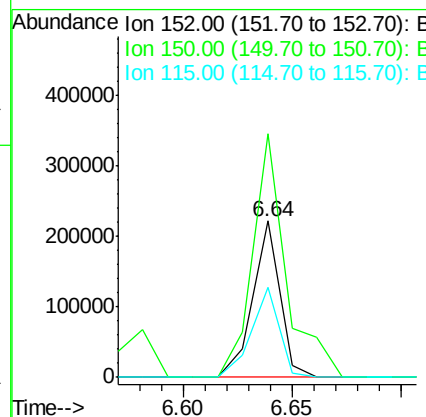
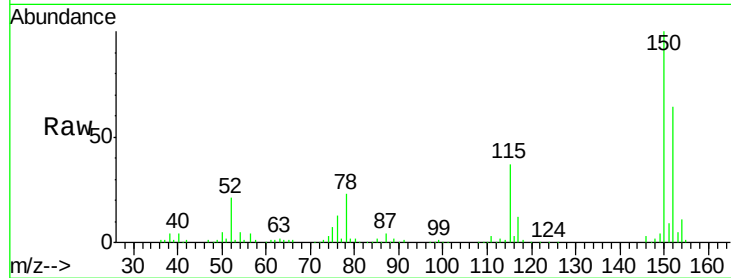
ClientSampleId :

SSTDIC050

Tgt Ion:	152	Resp:	189874
Ion Ratio	Lower	Upper	
152	100		
150	156.0	127.4	191.2
115	58.1	46.3	69.5

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#2

1,4-Dioxane

Concen: 47.24 ng

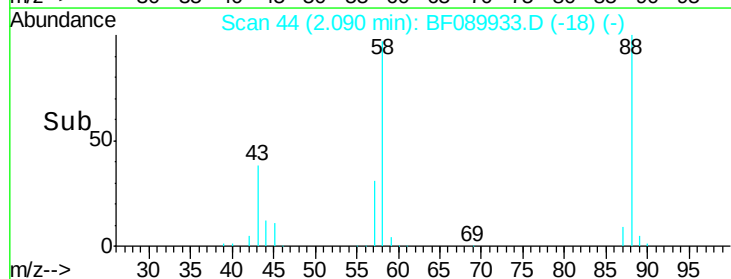
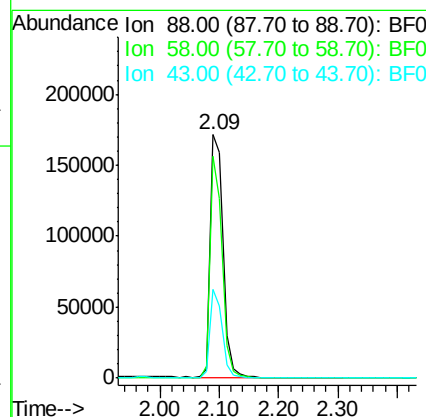
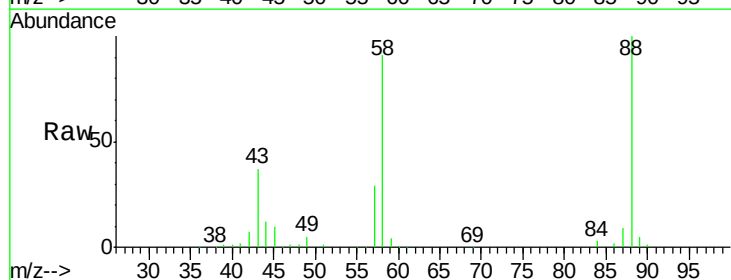
RT: 2.09 min Scan# 44

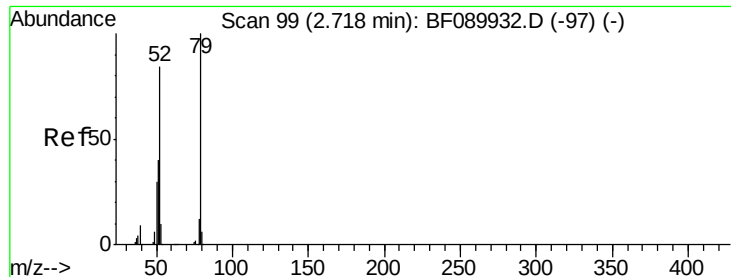
Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Tgt Ion:	88	Resp:	263068
Ion Ratio	Lower	Upper	
88	100		
58	84.4	68.8	103.2
43	33.9	27.0	40.6





#3

Pyridine

Concen: 52.05 ng

RT: 2.72 min Scan# 99

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 79 Resp: 770051
Ion Ratio Lower Upper

79 100

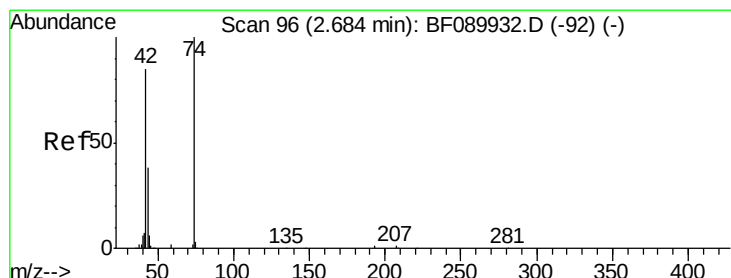
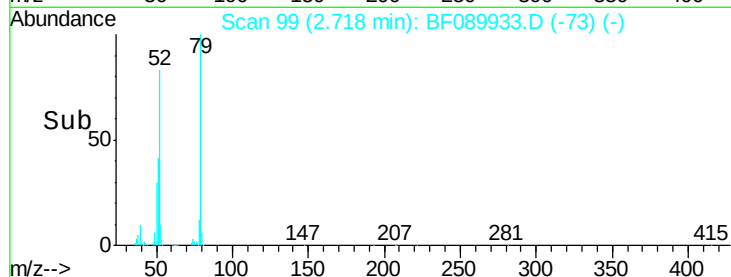
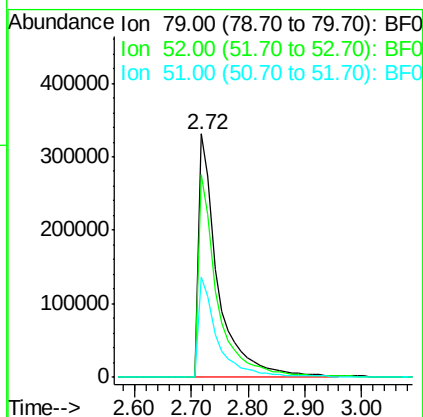
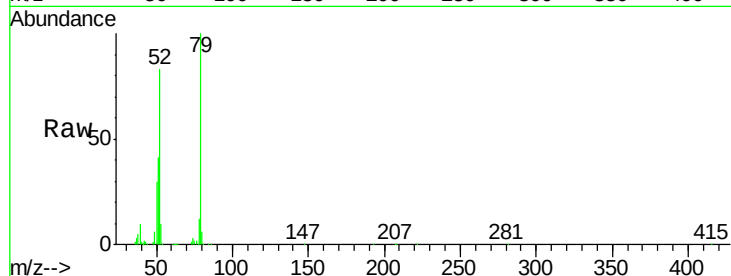
52 83.5 67.8 101.6

51 40.9 32.9 49.3

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9/1/2016 11:51:52 AM



#4

n-Nitrosodimethylamine

Concen: 49.72 ng

RT: 2.68 min Scan# 96

Delta R.T. 0.00 min

Lab File: BF089933.D

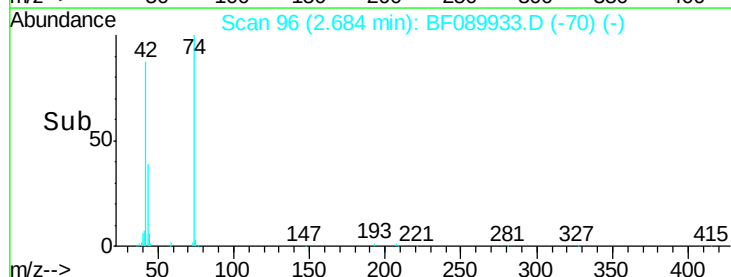
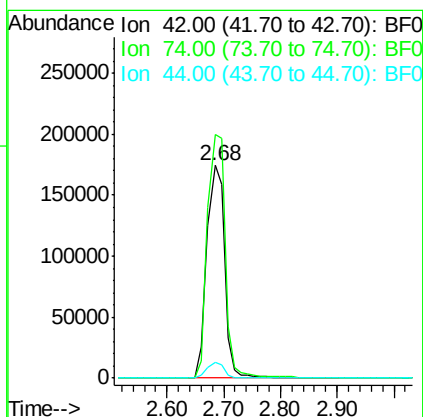
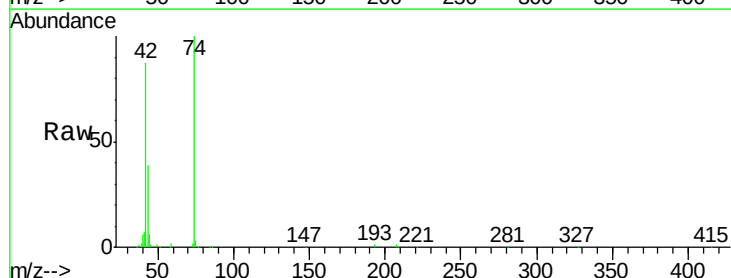
Acq: 31 Aug 2016 4:33

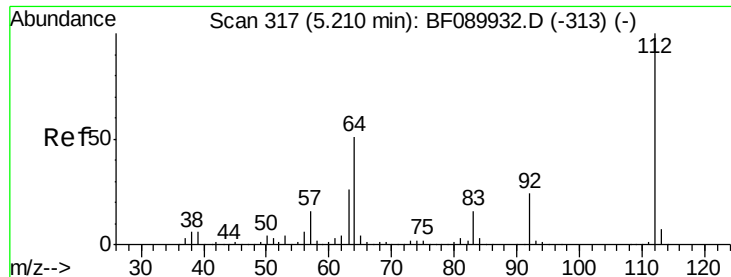
Tgt Ion: 42 Resp: 368381
Ion Ratio Lower Upper

42 100

74 114.5 92.0 138.0

44 7.3 5.8 8.8





#5

2-Fluorophenol

Concen: 47.47 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

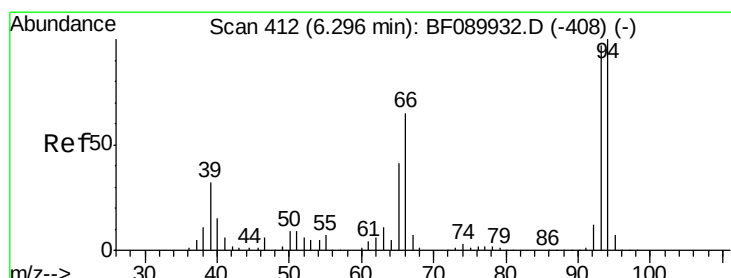
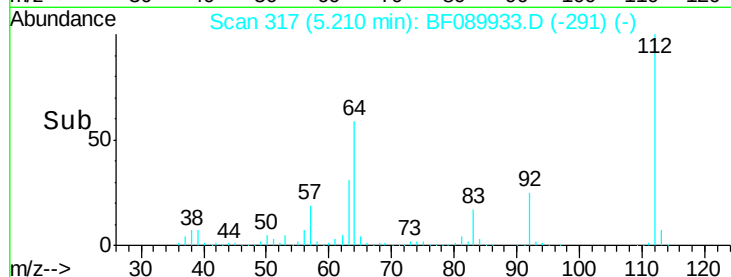
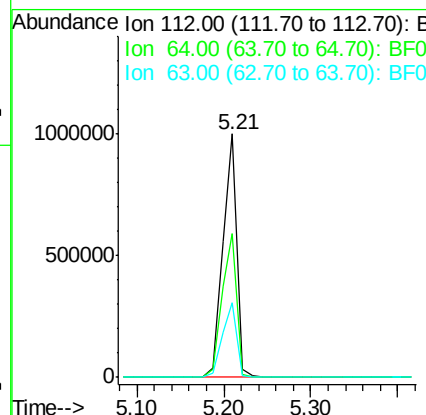
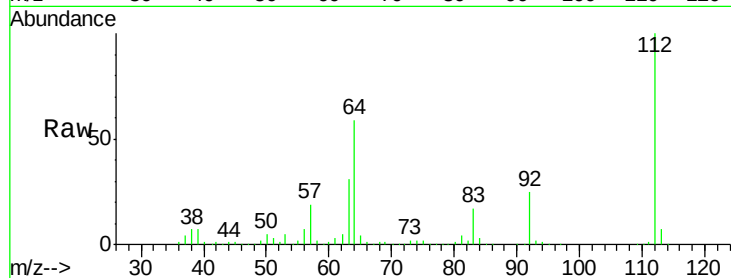
ClientSampleId :

SSTDICC050

Tgt Ion:	112	Resp:	1128572
Ion	Ratio	Lower	Upper
112	100		
64	59.0	41.1	61.7
63	30.5	21.2	31.8

Manual Integrations
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#6

Aniline

Concen: 45.82 ng

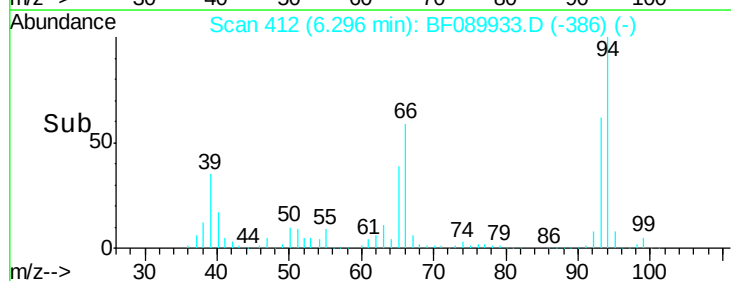
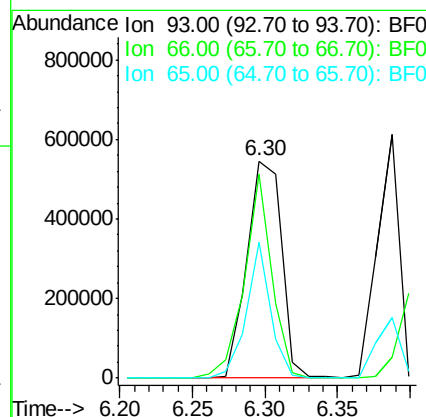
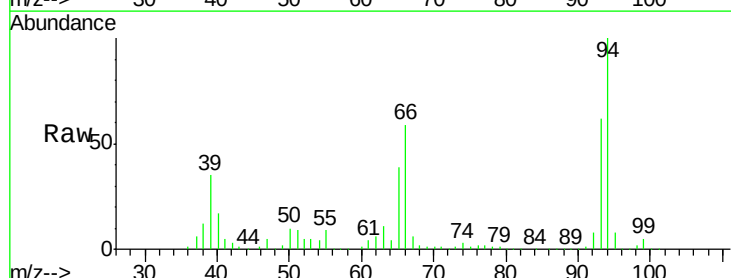
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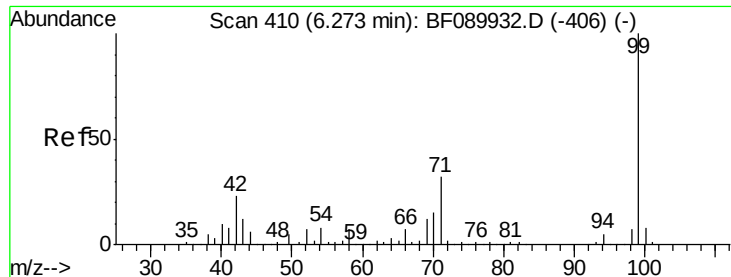
Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Tgt Ion:	93	Resp:	907222
Ion	Ratio	Lower	Upper
93	100		
66	94.2	52.9	79.3#
65	62.7	33.0	49.6#





#7

Phenol-d6

Concen: 45.58 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 99 Resp: 1328085

Ion Ratio Lower Upper

99 100

42 22.3 18.6 27.8

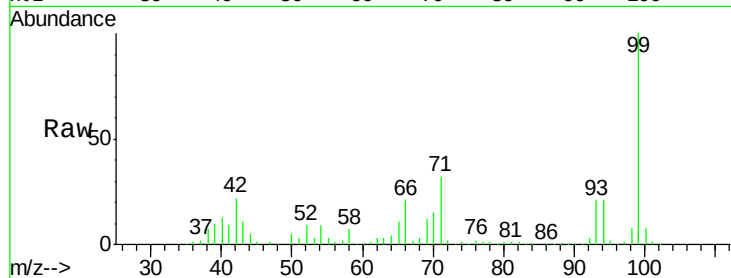
71 31.8 25.8 38.6

Manual Integrations

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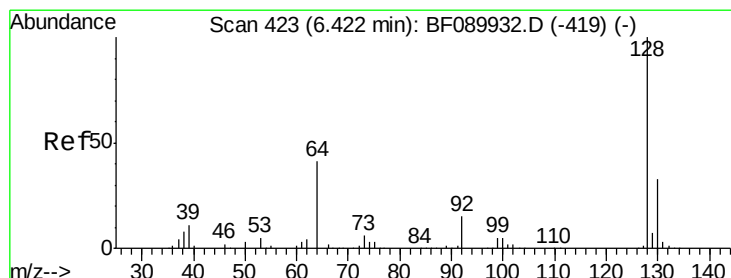
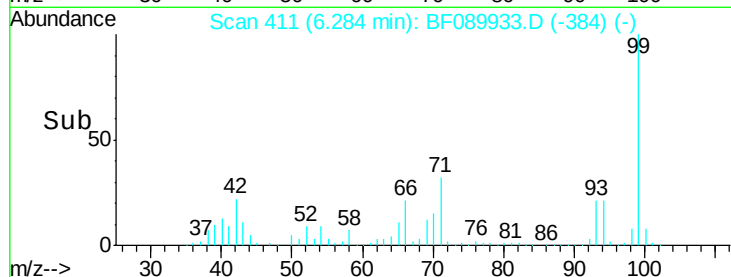
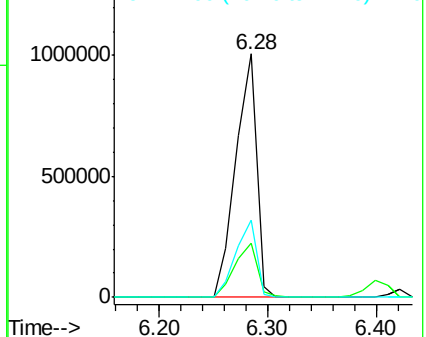
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.78 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

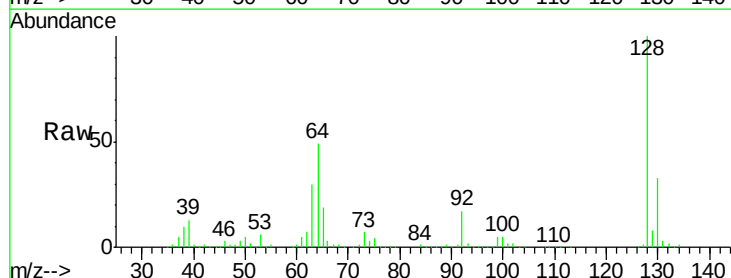
Tgt Ion: 128 Resp: 608860

Ion Ratio Lower Upper

128 100

130 32.7 12.8 52.8

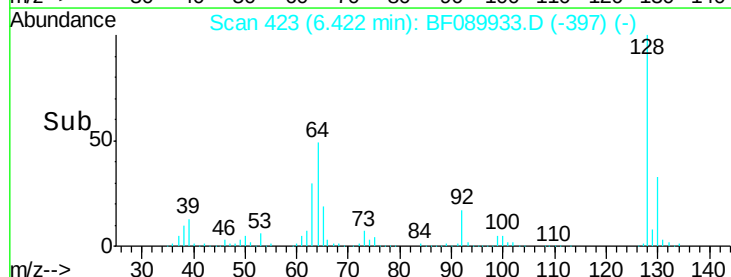
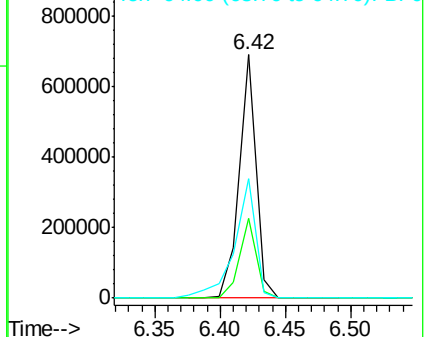
64 48.8 23.2 63.2

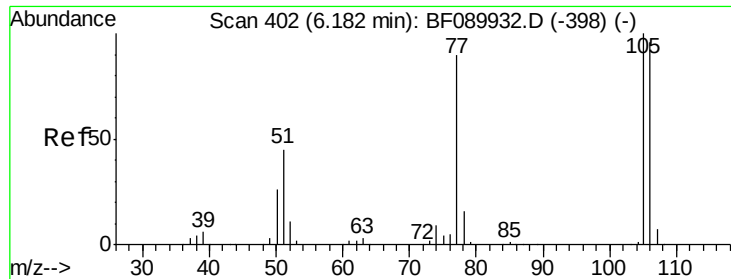


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 46.72 ng

RT: 6.18 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 77 Resp: 440850

Ion Ratio Lower Upper

77 100

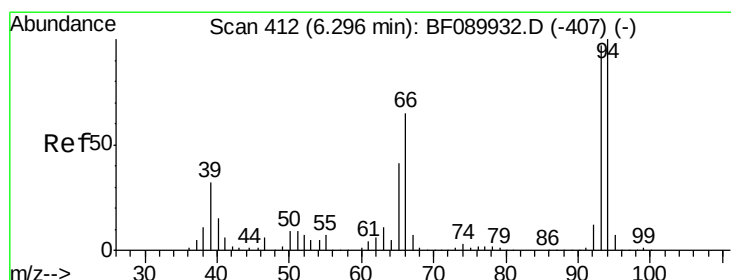
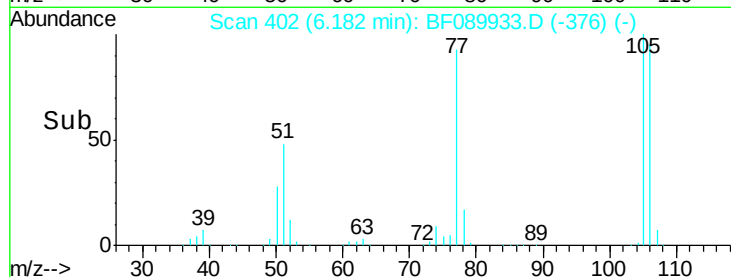
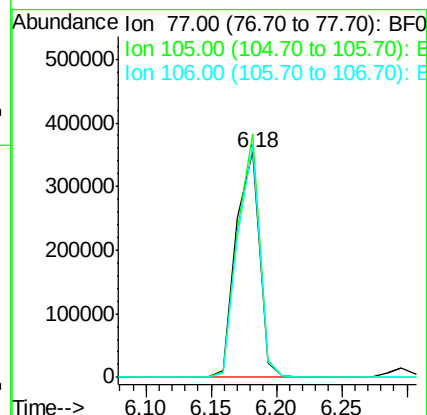
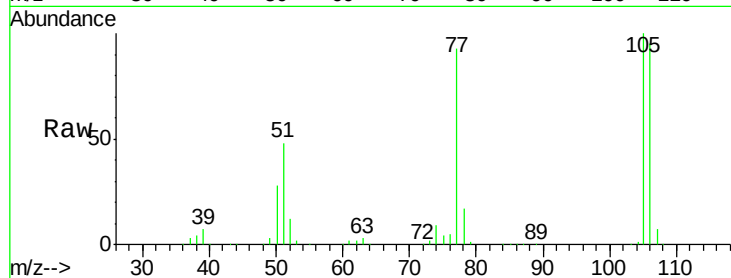
105 108.1 85.4 125.4

106 102.8 83.4 123.4

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#10

Phenol

Concen: 48.10 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

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Acq: 31 Aug 2016 4:33

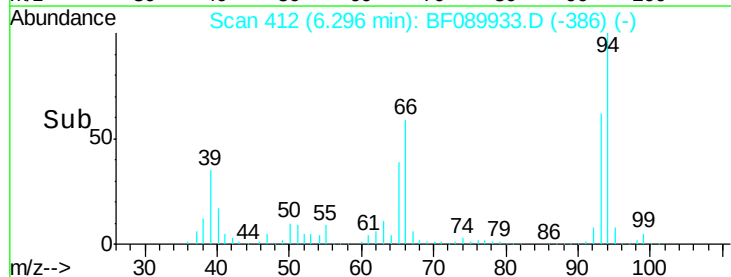
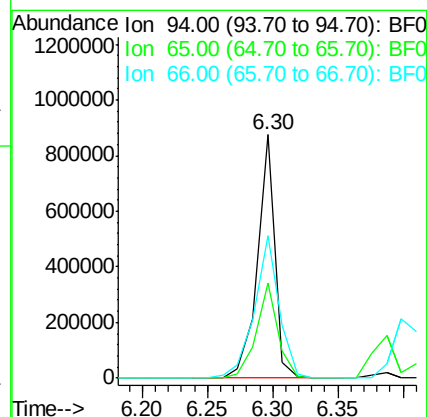
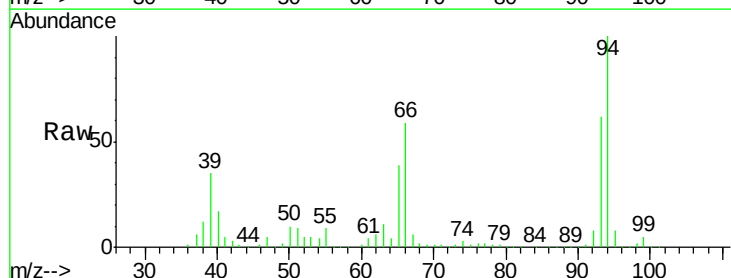
Tgt Ion: 94 Resp: 815025

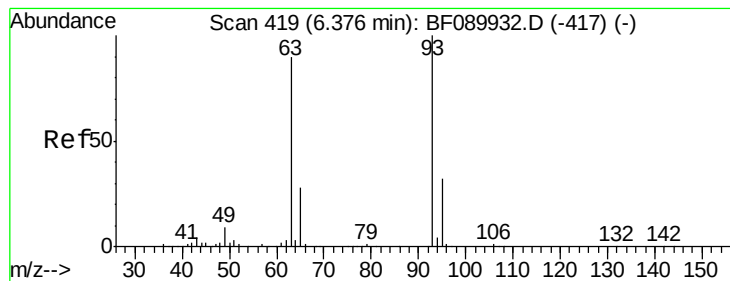
Ion Ratio Lower Upper

94 100

65 39.1 23.2 63.2

66 58.7 49.2 89.2





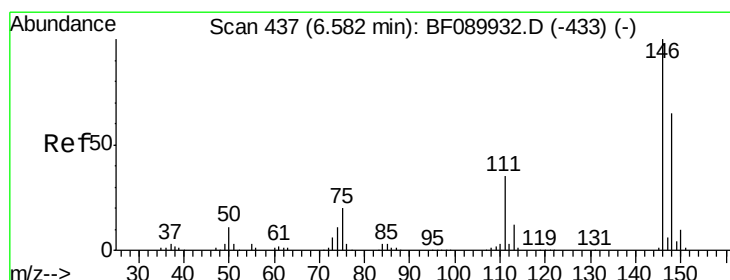
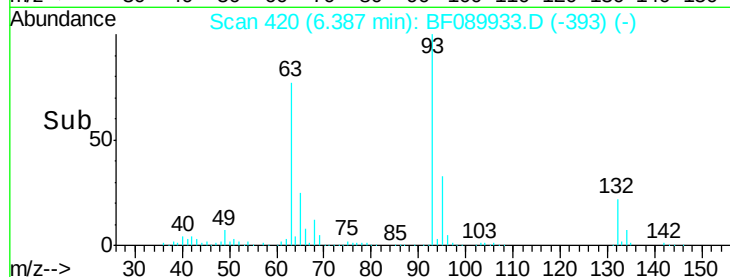
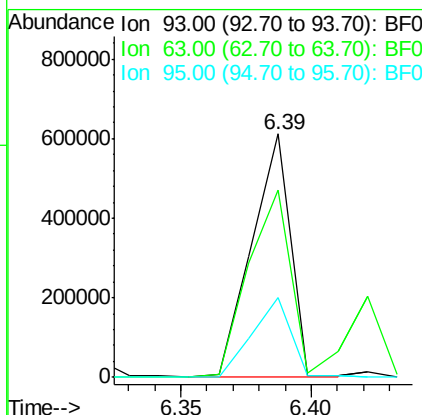
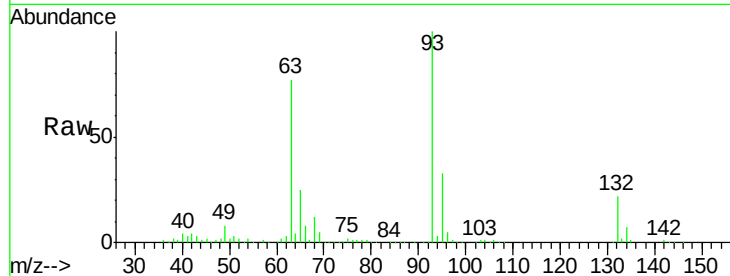
#11
bis(2-Chloroethyl)ether
Concen: 49.74 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.01 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
93	100		
63	77.0	71.1	111.1
95	32.7	12.4	52.4

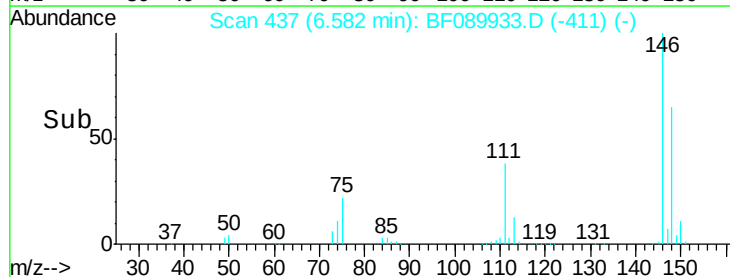
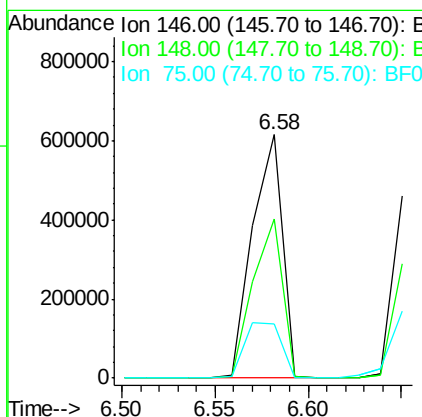
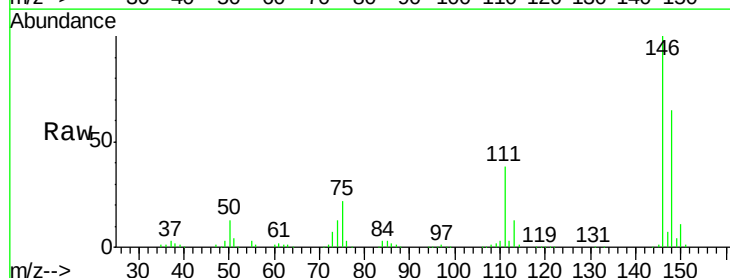
Manual Integrations
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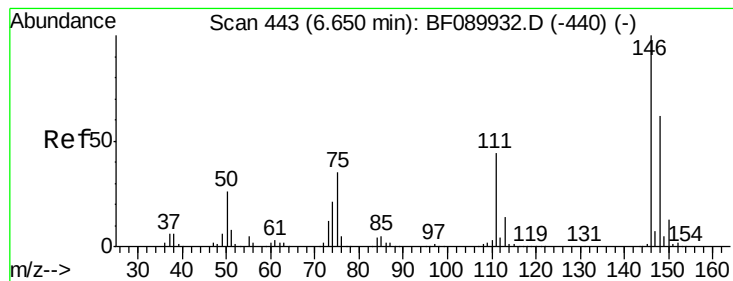
SOHIL
9/1/2016 11:51:52 AM



#12
1,3-Dichlorobenzene
Concen: 47.62 ng
RT: 6.58 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.5	78.7
75	22.5	16.6	24.8





#13

1,4-Dichlorobenzene

Concen: 46.15 ng m

RT: 6.66 min Scan# 444

Delta R.T. 0.01 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:146 Resp: 685967
Ion Ratio Lower Upper

146 100

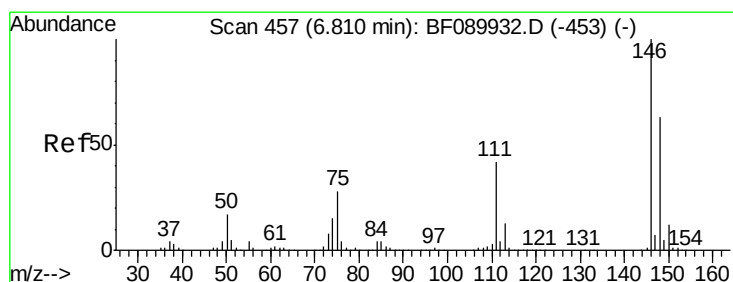
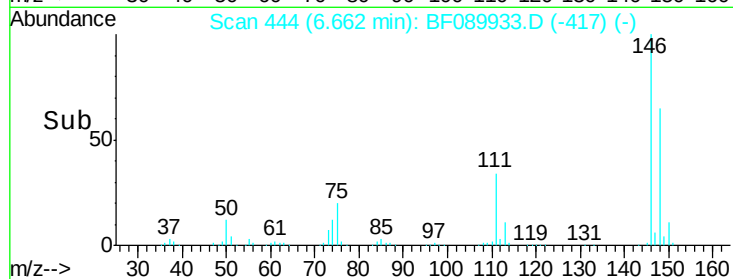
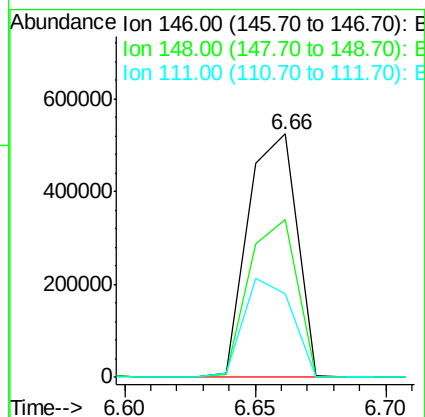
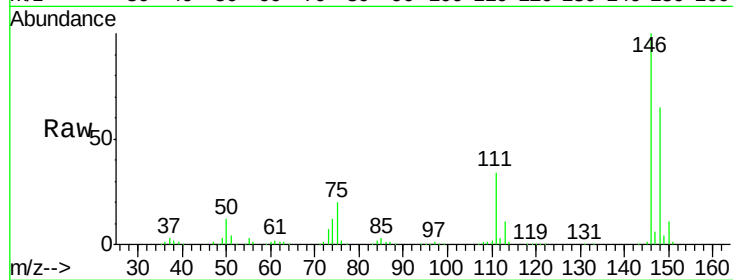
148 65.0 50.1 75.1

111 34.3 35.8 53.6#

Manual Integrations
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9/1/2016 11:51:52 AM



#14

1,2-Dichlorobenzene

Concen: 47.19 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF089933.D

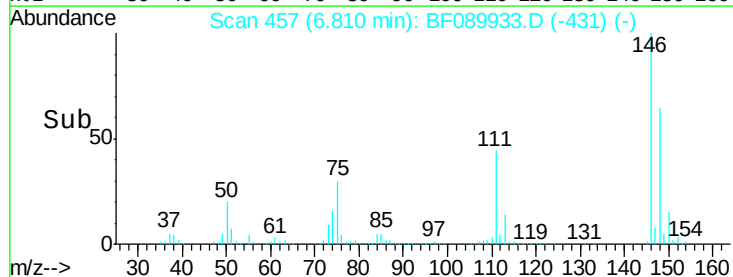
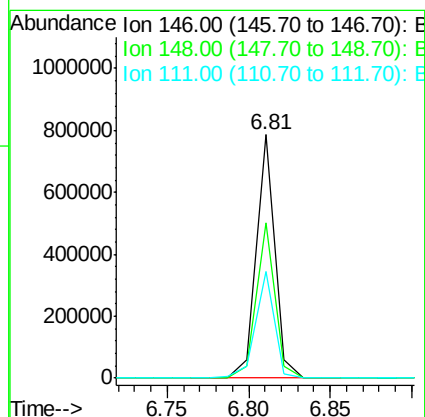
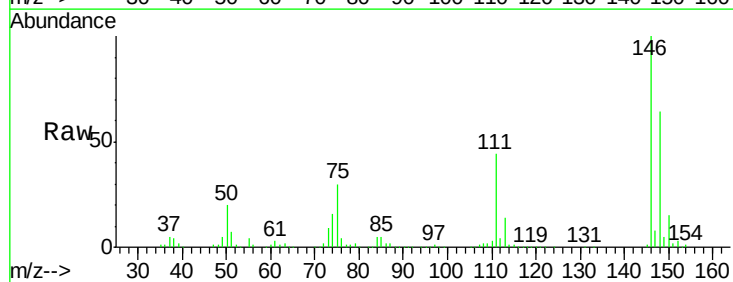
Acq: 31 Aug 2016 4:33

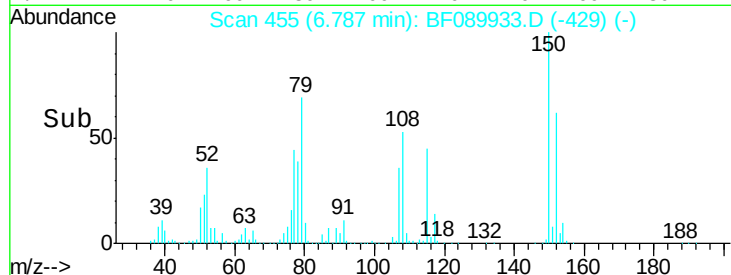
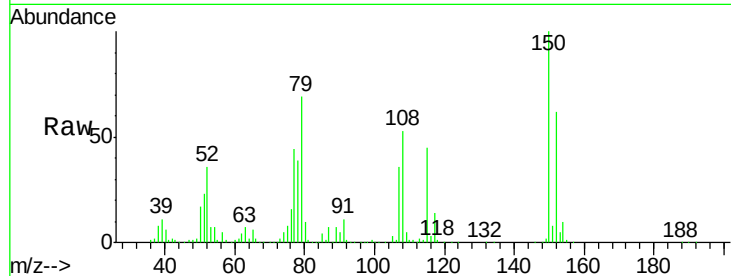
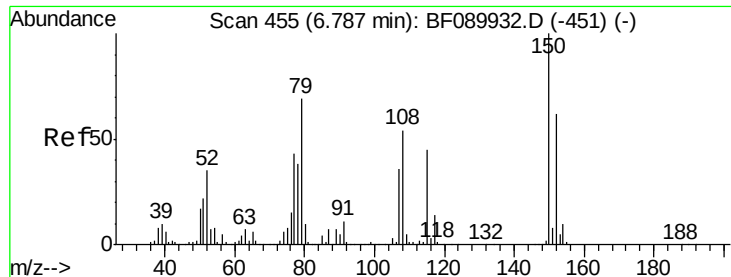
Tgt Ion:146 Resp: 621418
Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.2

111 43.8 34.6 51.8





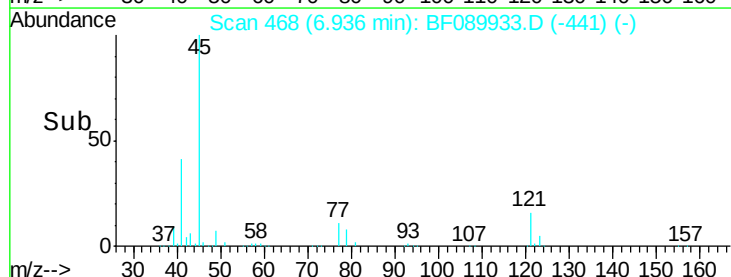
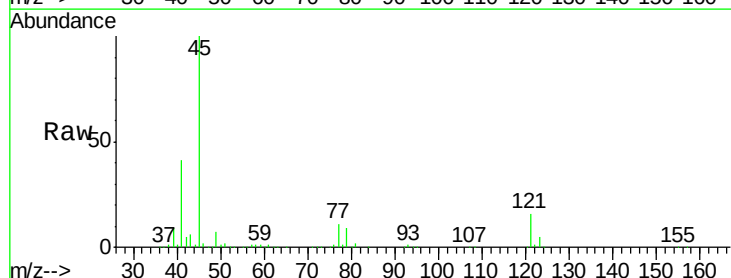
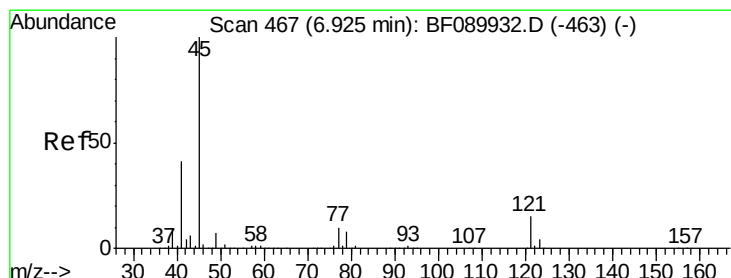
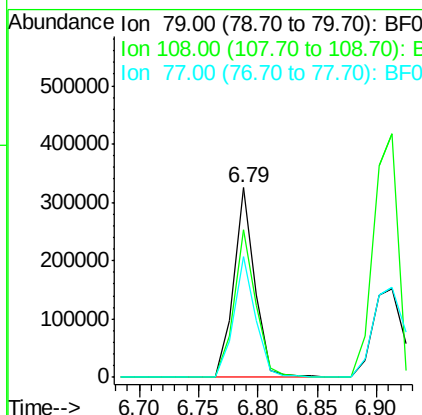
#15
Benzyl Alcohol
Concen: 43.70 ng
RT: 6.79 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Tgt Ion	Ratio	Lower	Upper
79	100		
108	77.8	62.1	93.1
77	64.0	50.1	75.1

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

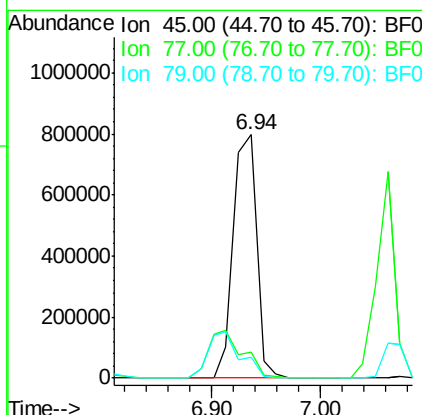
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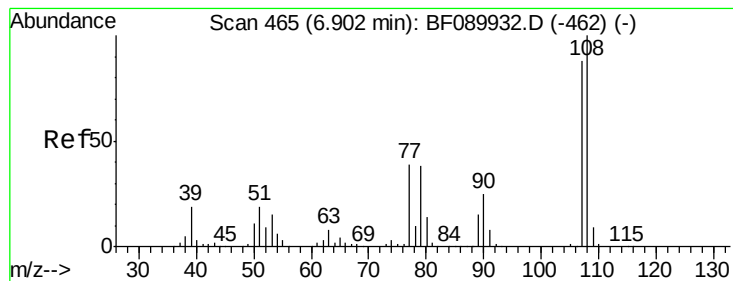
SOHIL
9/1/2016 11:51:52 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.90 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.01 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	30.3
79	8.7	0.0	27.5





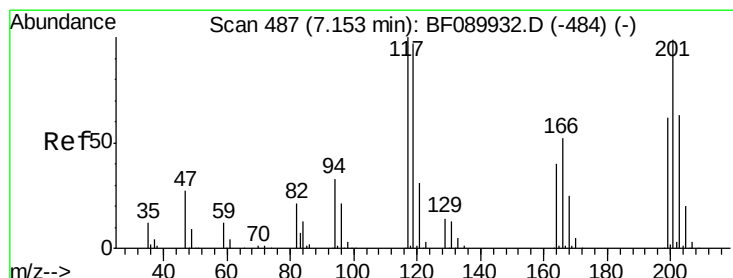
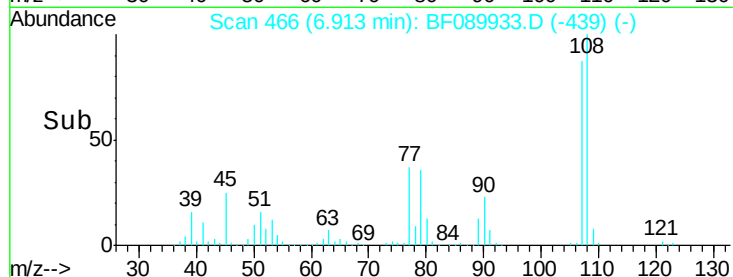
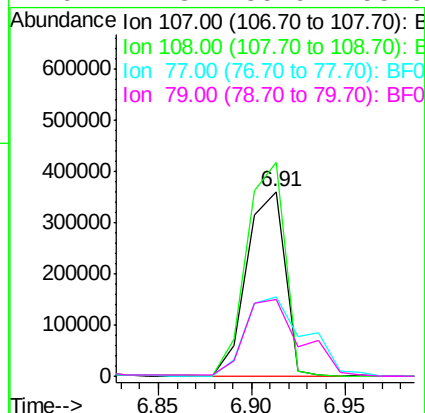
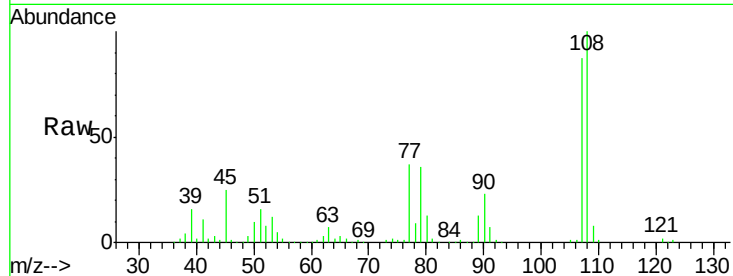
#17
2-Methylphenol
Concen: 49.40 ng
RT: 6.91 min Scan# 466
Delta R.T. 0.01 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	511105		
108	115.5	91.8	137.6	
77	42.8	36.0	54.0	
79	41.8	35.9	53.9	

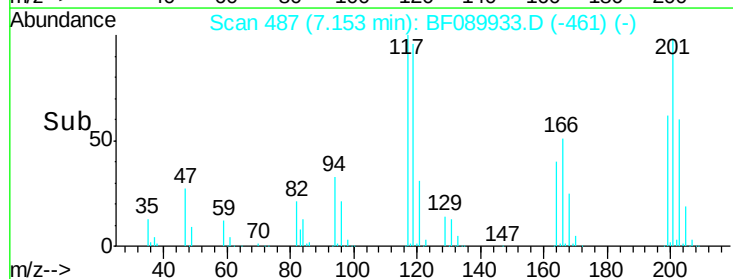
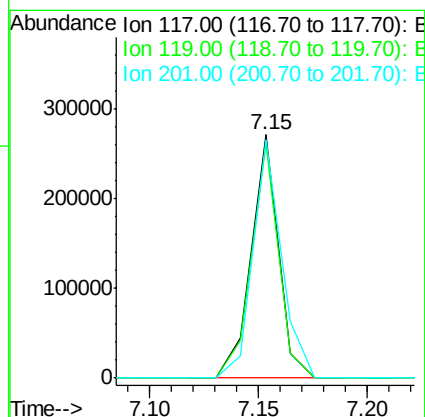
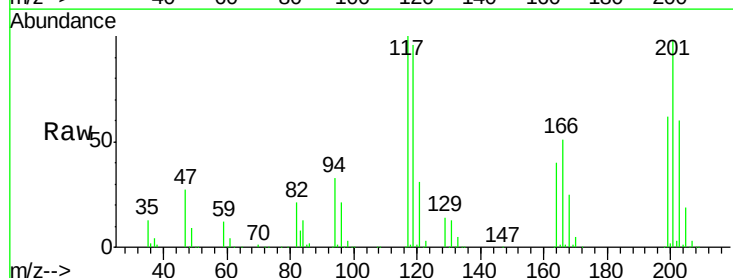
Manual Integrations
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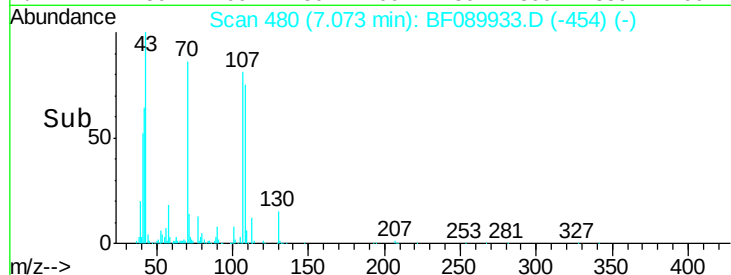
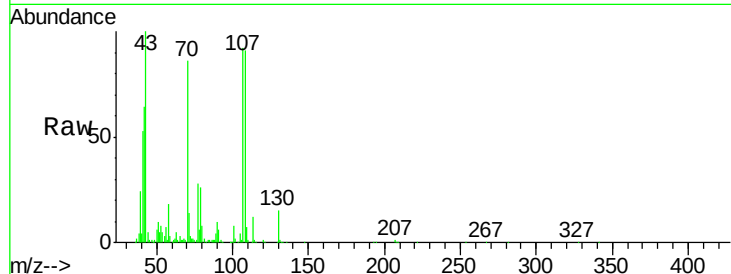
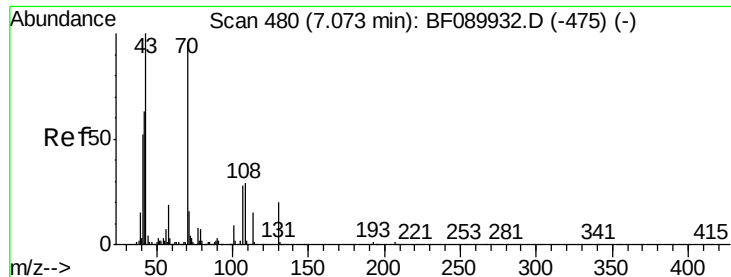
SOHIL
9/1/2016 11:51:52 AM



#18
Hexachloroethane
Concen: 46.35 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	235630		
119	96.4	76.2	114.2	
201	98.0	80.2	120.2	





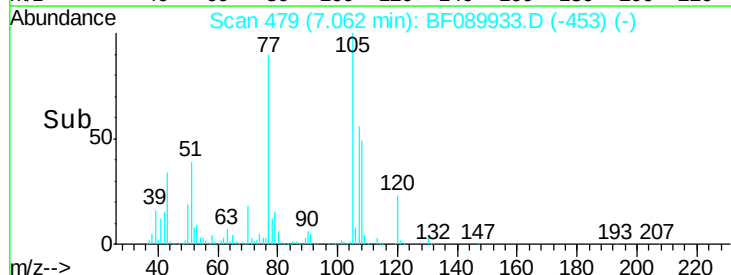
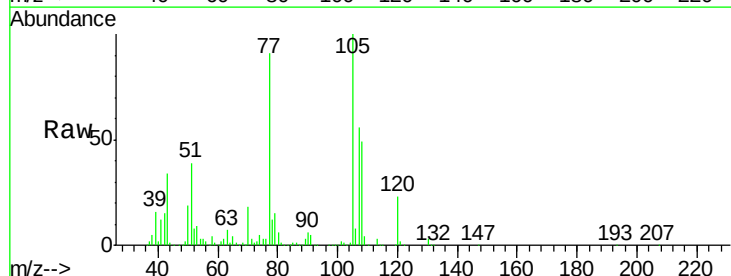
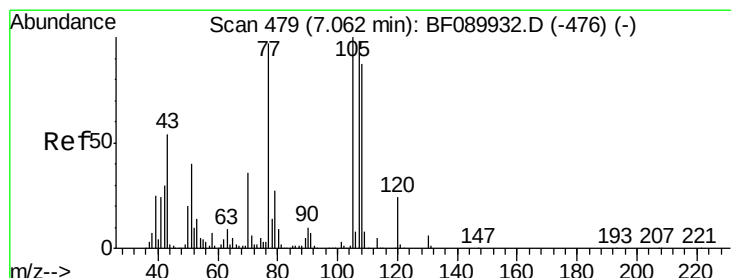
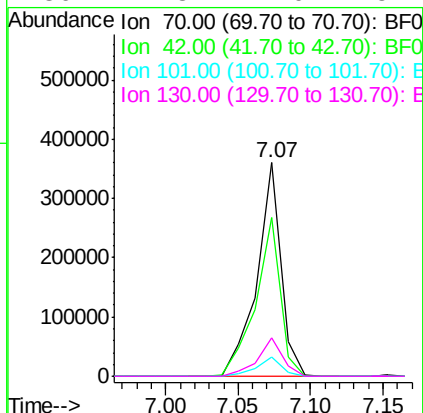
#19
n-Nitroso-di-n-propylamine
Concen: 43.34 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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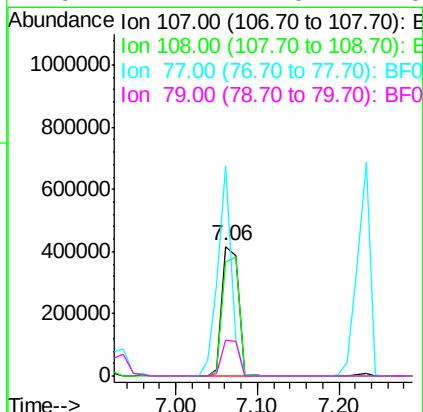
SOHIL
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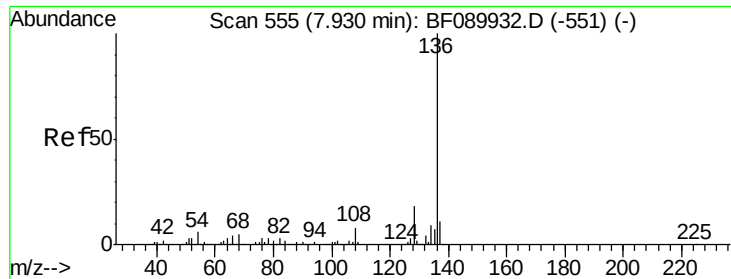
Tgt Ion	Ratio	Lower	Upper
70	100		
42	74.3	52.1	78.1
101	9.2	7.4	11.2
130	17.8	17.0	25.4



#20
3+4-Methylphenols
Concen: 45.84 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	70.2	110.2
77	161.7	75.7	115.7#
79	27.7	7.0	47.0





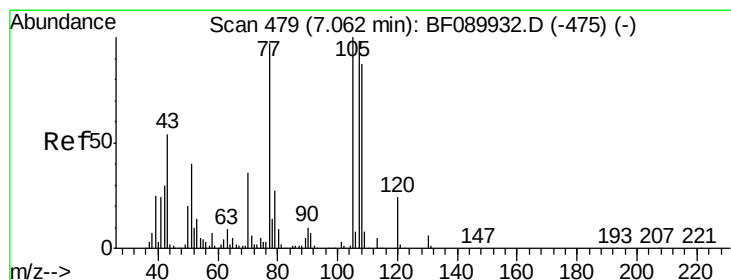
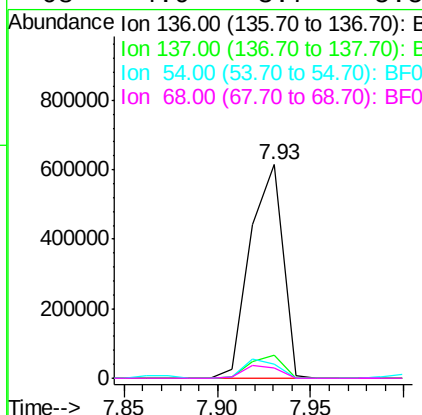
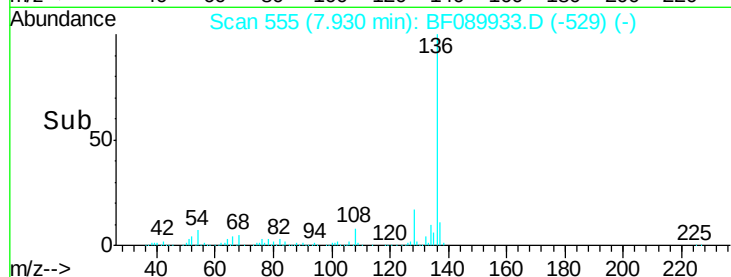
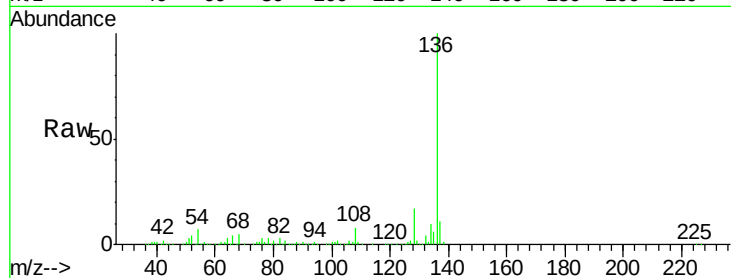
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	747816		
137	10.5	8.3	12.5	
54	6.7	4.8	7.2	
68	4.9	3.7	5.5	

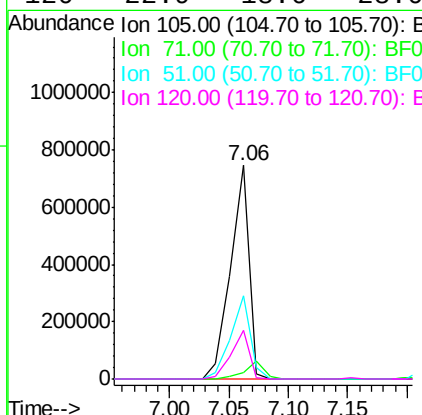
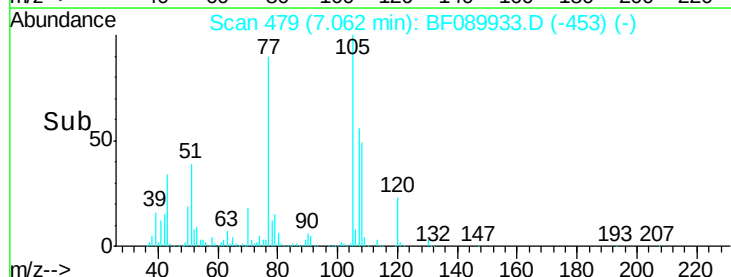
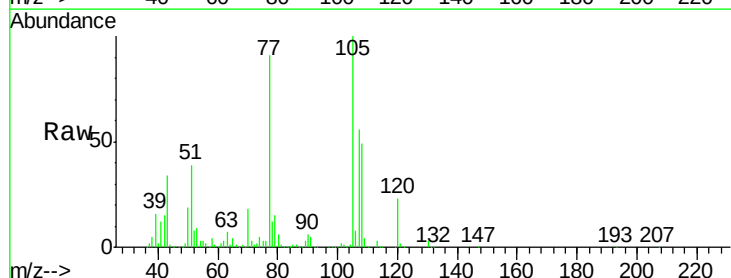
Manual Integrations
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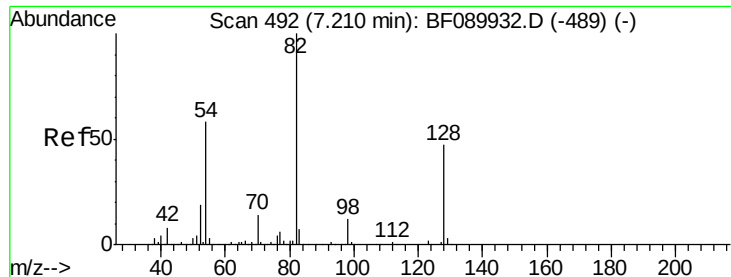
SOHIL
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#22
Acetophenone
Concen: 48.81 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	806714		
71	3.1	5.3	7.9#	
51	39.1	32.6	48.8	
120	22.9	18.6	28.0	





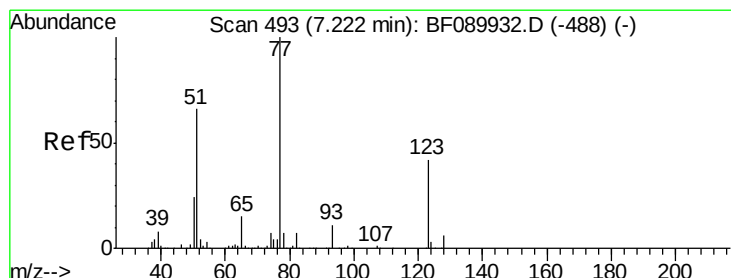
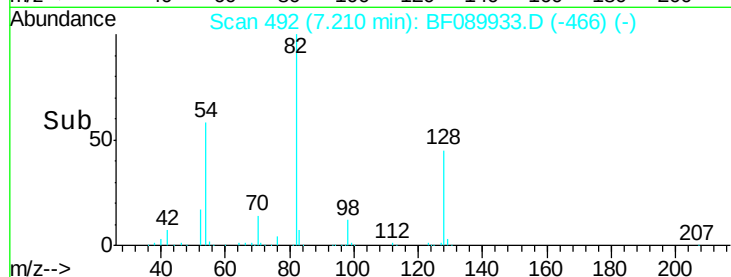
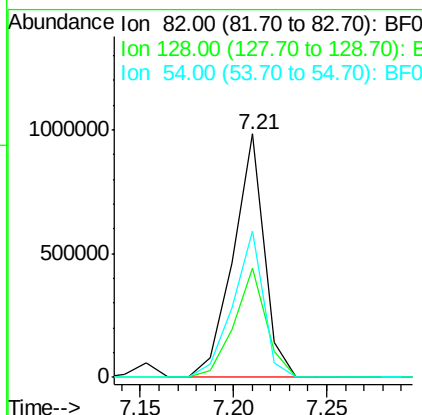
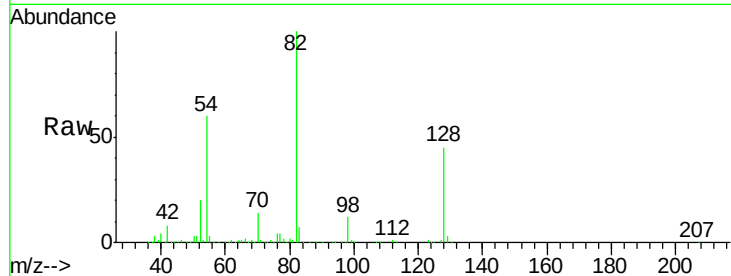
#23
 Nitrobenzene-d5
 Concen: 44.99 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion: 82 Resp: 1145648
 Ion Ratio Lower Upper
 82 100
 128 45.1 37.8 56.8
 54 60.2 46.9 70.3

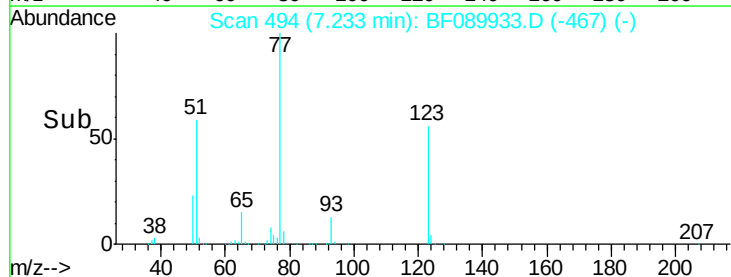
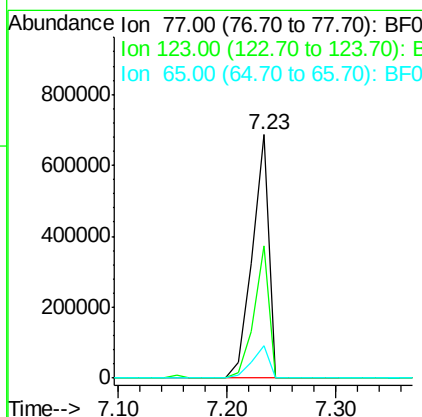
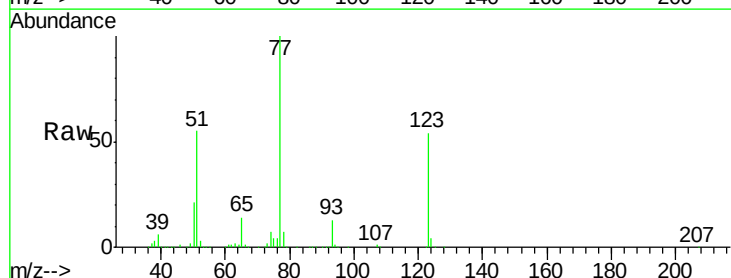
Manual Integrations
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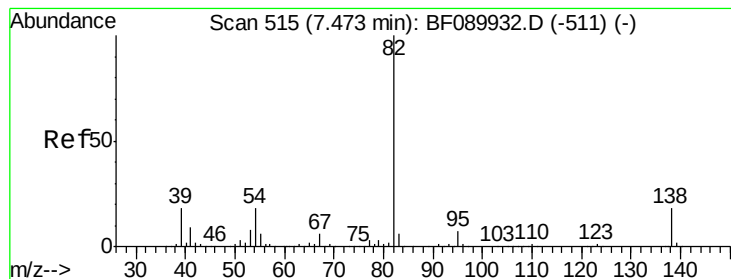
SOHIL
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#24
 Nitrobenzene
 Concen: 53.87 ng
 RT: 7.23 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Tgt Ion: 77 Resp: 725084
 Ion Ratio Lower Upper
 77 100
 123 54.4 32.0 48.0#
 65 13.5 11.2 16.8





#25

Isophorone

Concen: 46.96 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 82 Resp: 1224699

Ion Ratio Lower Upper

82 100

95 6.6 5.5 8.3

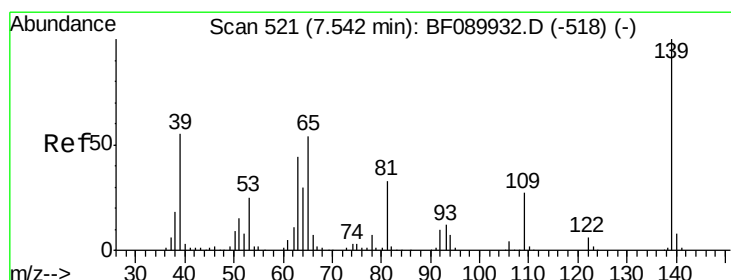
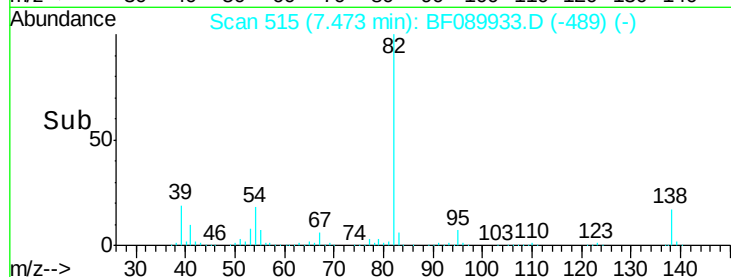
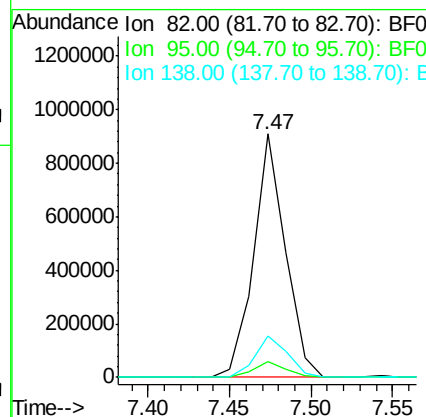
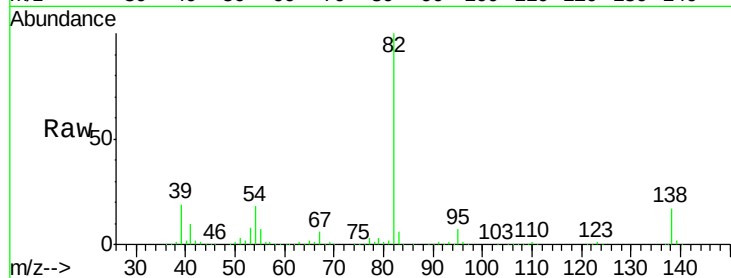
138 16.8 14.4 21.6

Manual Integrations

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SOHIL

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#26

2-Nitrophenol

Concen: 47.90 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

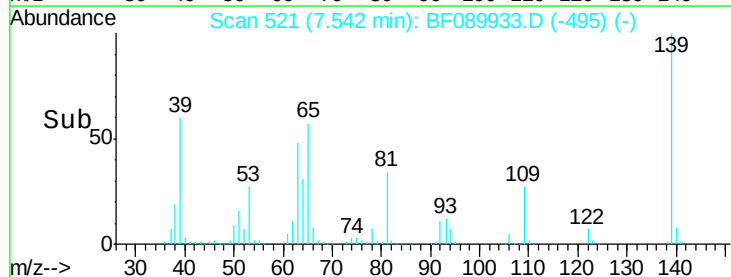
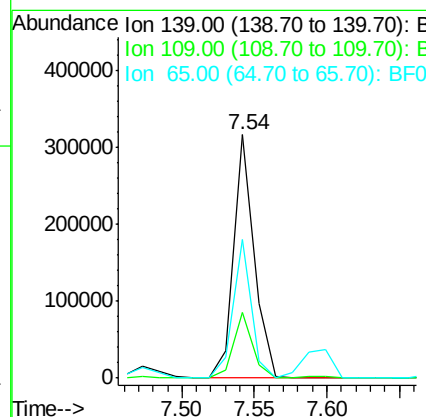
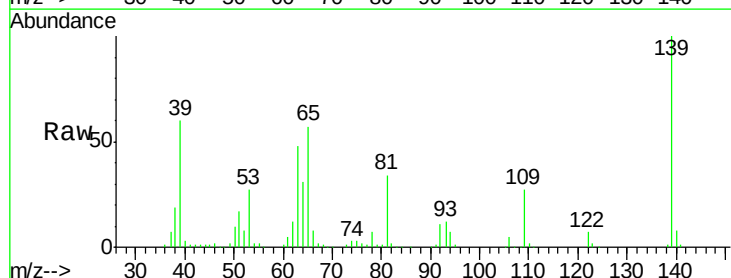
Tgt Ion: 139 Resp: 310238

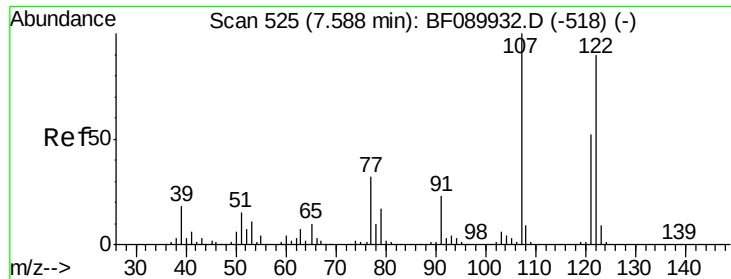
Ion Ratio Lower Upper

139 100

109 27.2 21.0 31.4

65 57.0 43.4 65.0





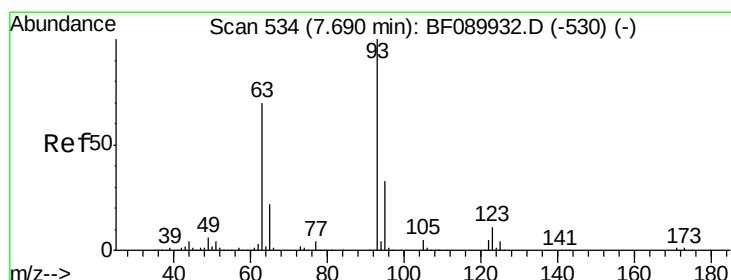
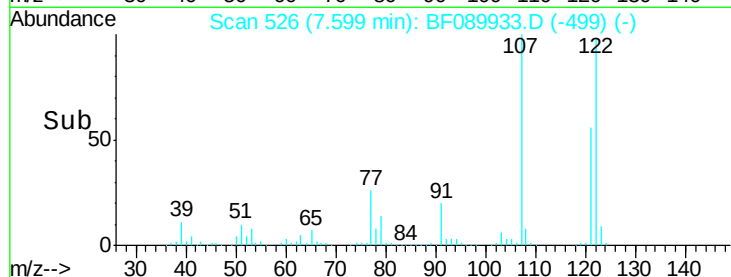
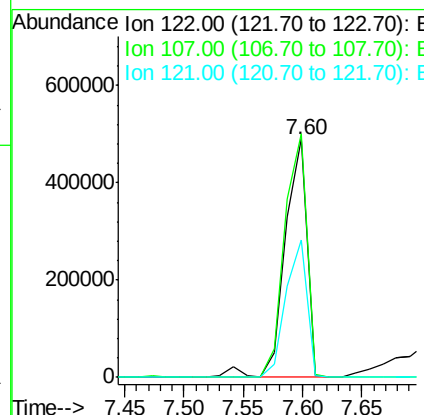
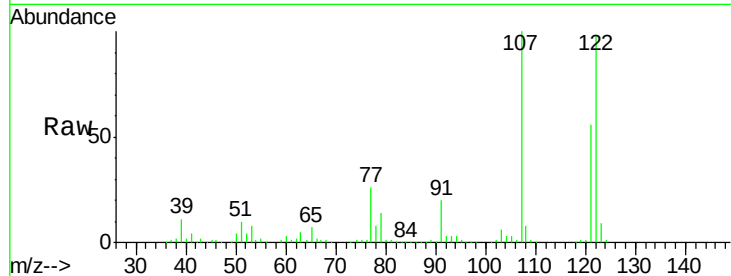
#27
 2,4-Dimethylphenol
 Concen: 50.59 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.01 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	621212		
107	102.2	88.5	132.7	
121	57.7	46.0	69.0	

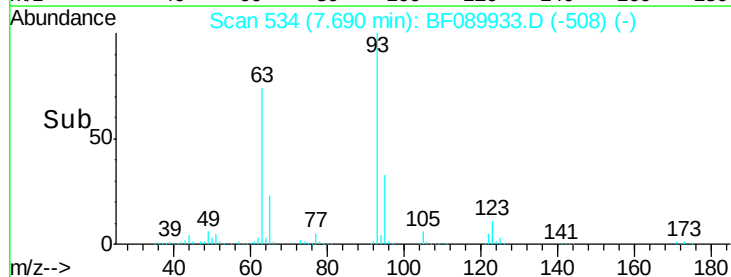
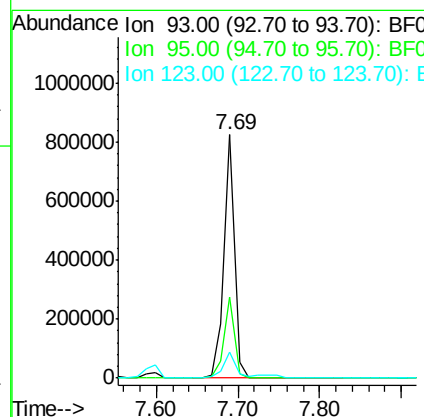
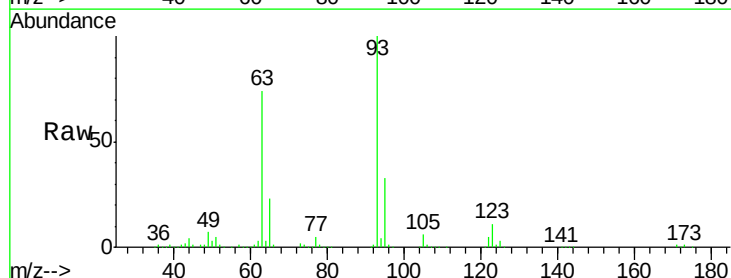
Manual Integrations
 APPROVED

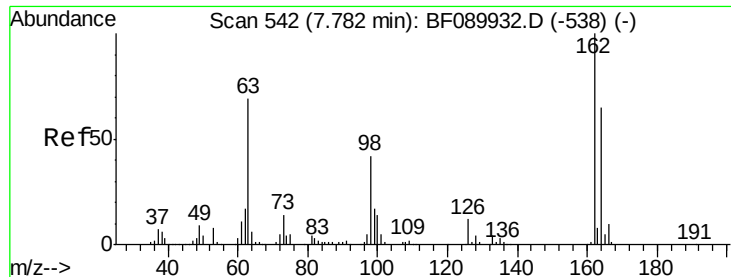
SOHIL
 9/1/2016 11:51:52 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.63 ng
 RT: 7.69 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	737795		
95	33.4	26.6	40.0	
123	10.7	9.1	13.7	





#29

2,4-Dichlorophenol

Concen: 46.85 ng

RT: 7.78 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

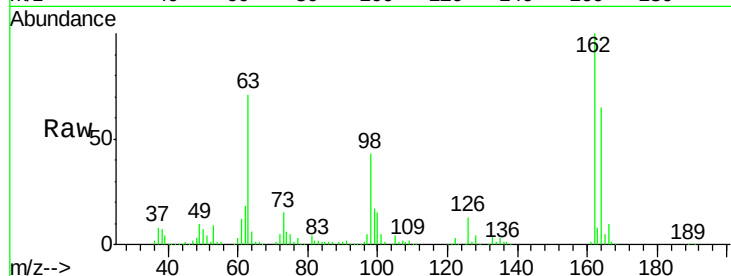
ClientSampleId :

SSTDIC050

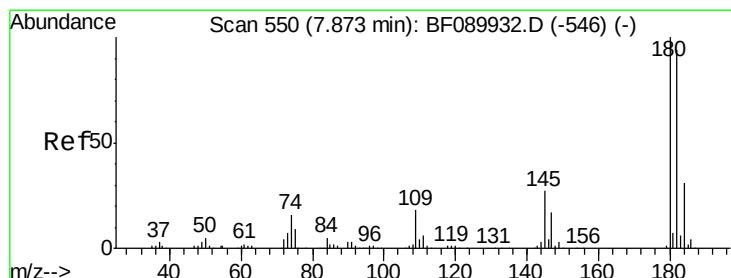
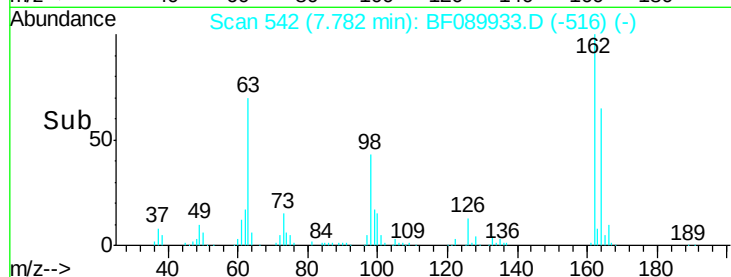
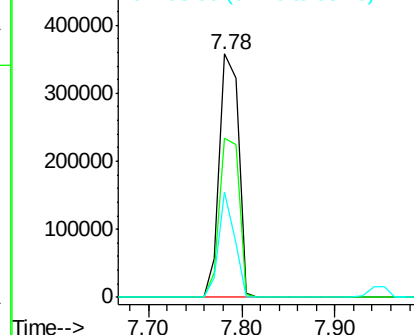
Tgt Ion:	162	Resp:	512953
Ion Ratio	Lower	Upper	
162	100		
164	65.5	46.6	86.6
98	43.3	22.0	62.0

Manual Integrations
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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 49.18 ng

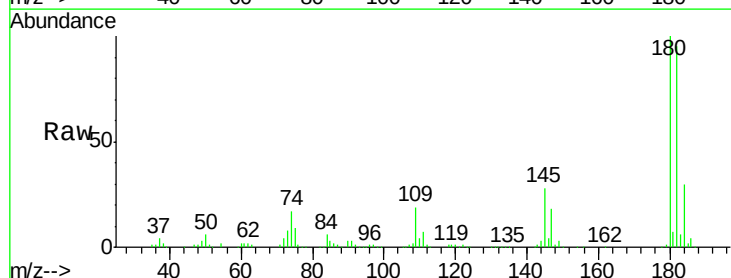
RT: 7.87 min Scan# 550

Delta R.T. 0.00 min

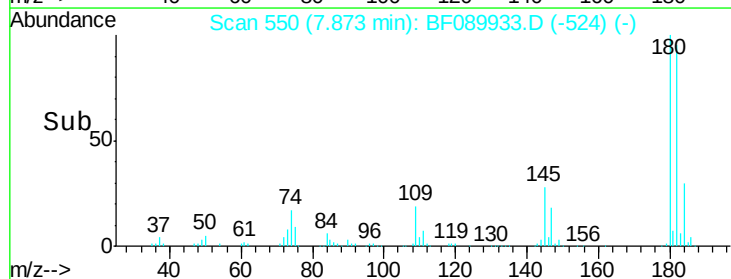
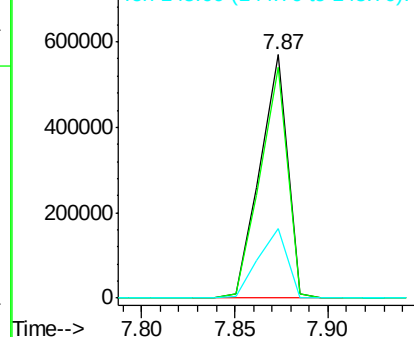
Lab File: BF089933.D

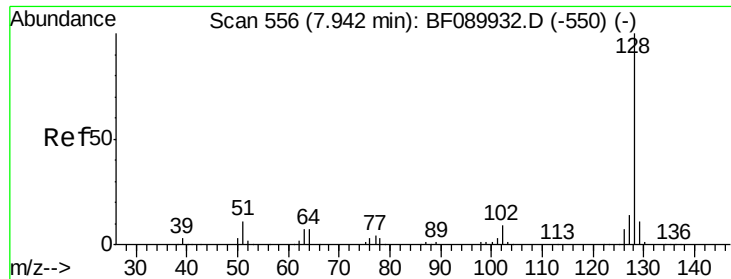
Acq: 31 Aug 2016 4:33

Tgt Ion:	180	Resp:	581457
Ion Ratio	Lower	Upper	
180	100		
182	94.9	76.2	114.2
145	28.4	22.2	33.4



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





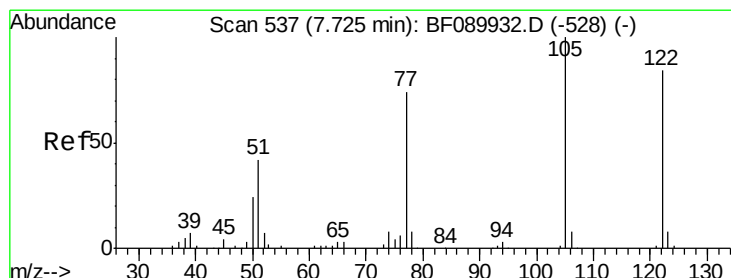
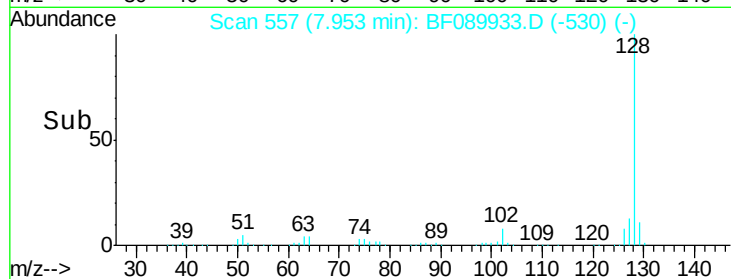
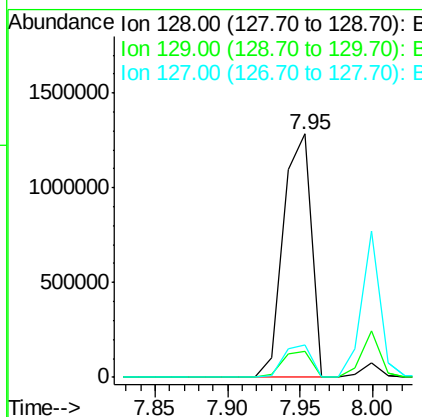
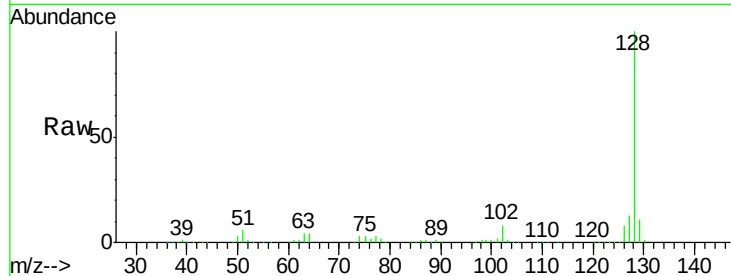
#31
Naphthalene
Concen: 45.88 ng
RT: 7.95 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:128 Resp: 1705896
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.0
127 13.3 10.7 16.1

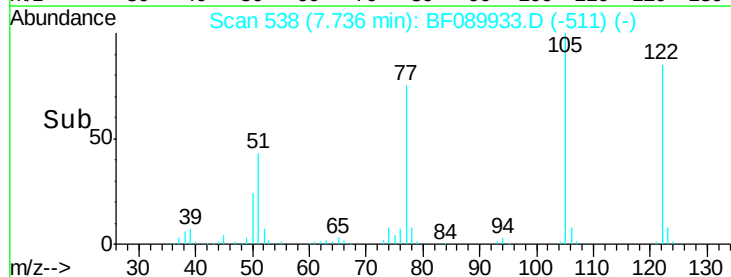
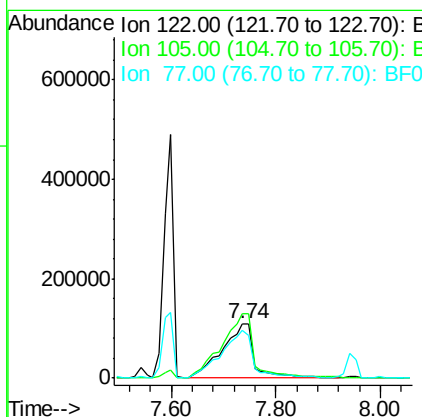
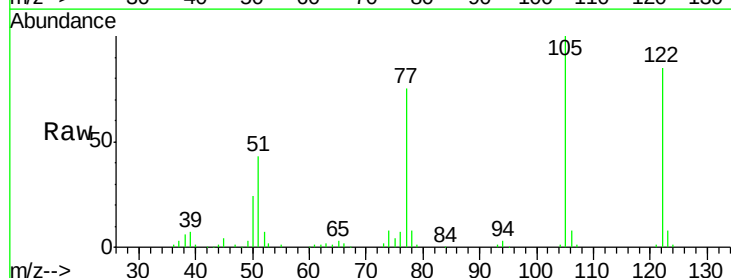
Manual Integrations
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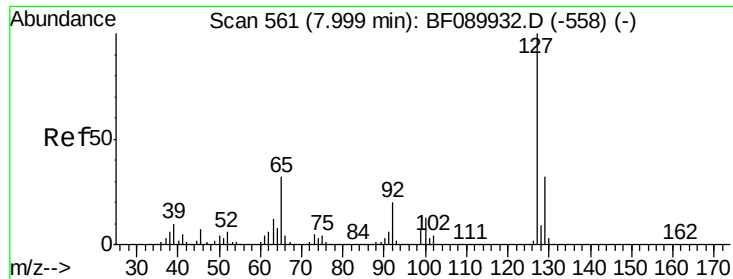
SOHIL
9/1/2016 11:51:52 AM



#32
Benzoic acid
Concen: 57.24 ng
RT: 7.74 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Tgt Ion:122 Resp: 459600
Ion Ratio Lower Upper
122 100
105 117.2 102.2 142.2
77 87.7 74.1 114.1





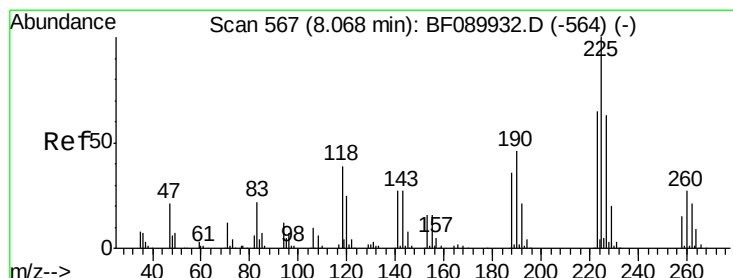
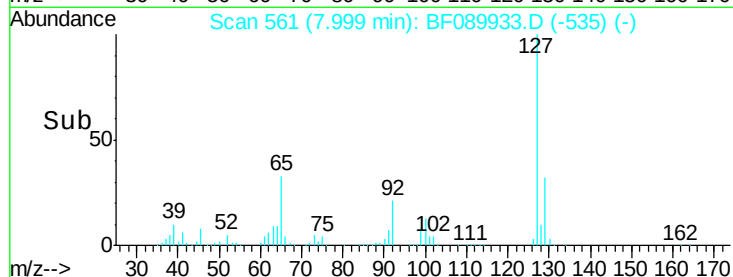
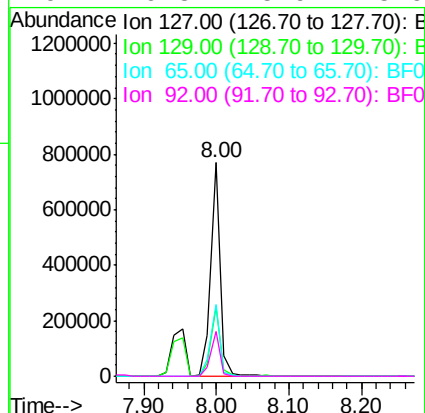
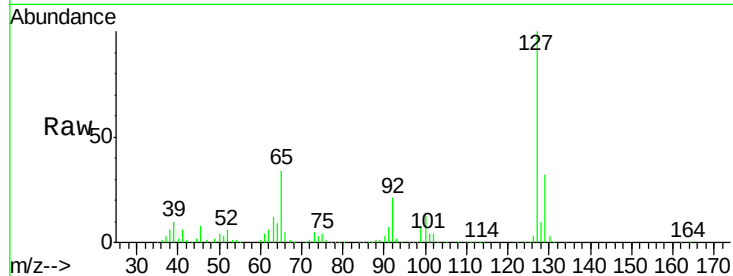
#33
4-Chloroaniline
Concen: 46.94 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.2	25.9	38.9
65	33.7	26.0	39.0
92	20.8	15.9	23.9

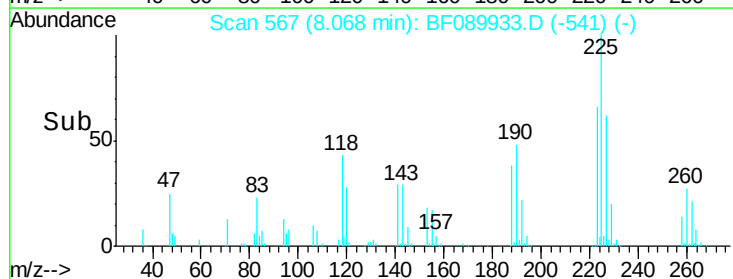
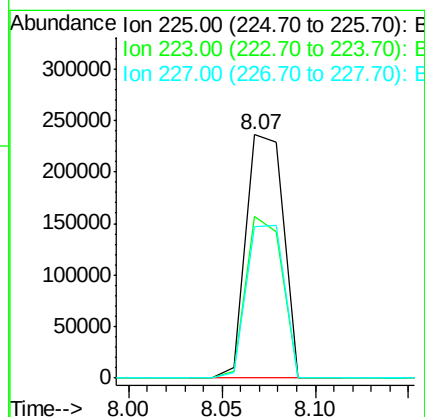
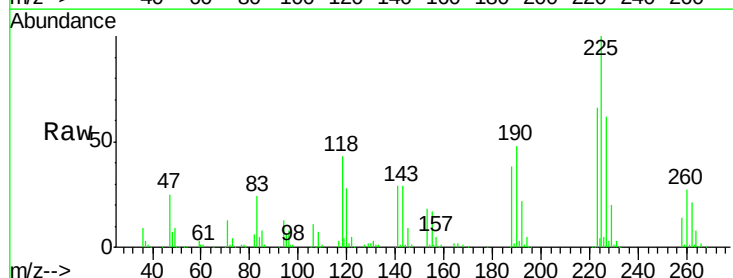
Manual Integrations
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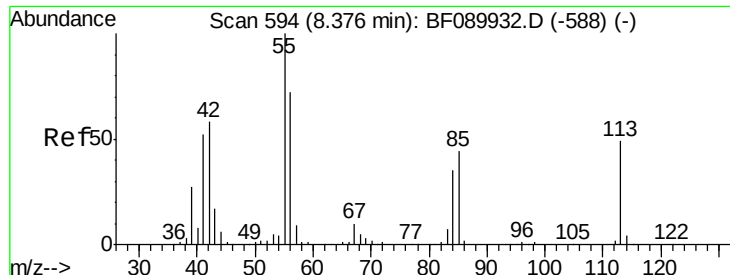
SOHIL
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#34
Hexachlorobutadiene
Concen: 47.13 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	66.4	52.6	78.8
227	62.2	50.8	76.2





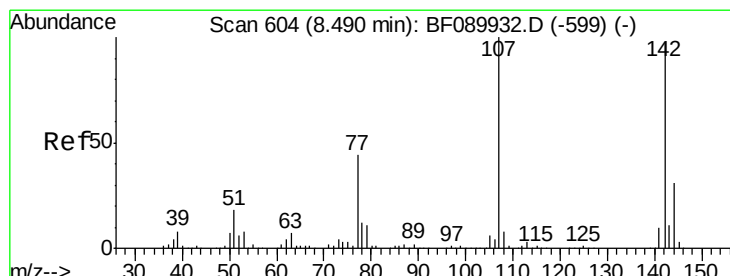
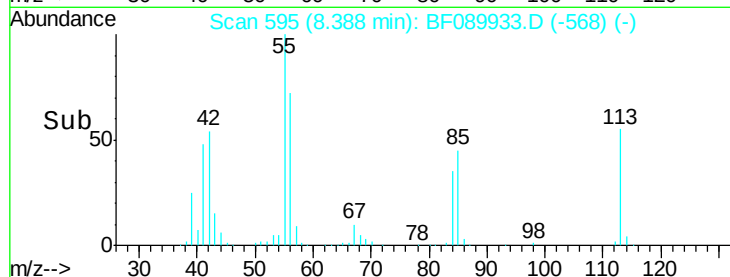
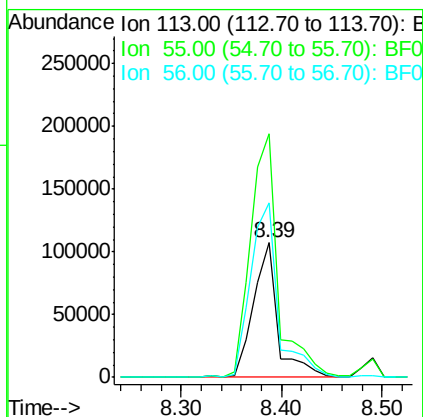
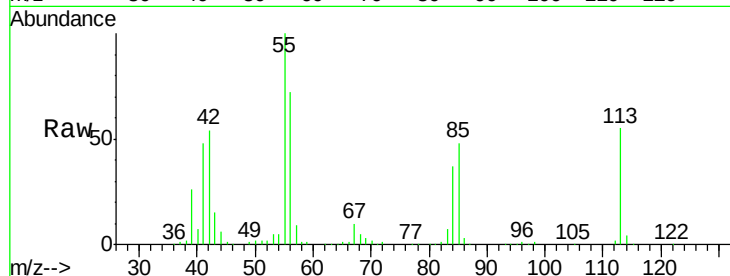
#35
 Caprolactam
 Concen: 53.38 ng
 RT: 8.39 min Scan# 595
 Delta R.T. 0.01 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
113	100		
55	180.9	178.5	218.5
56	129.6	122.7	162.7

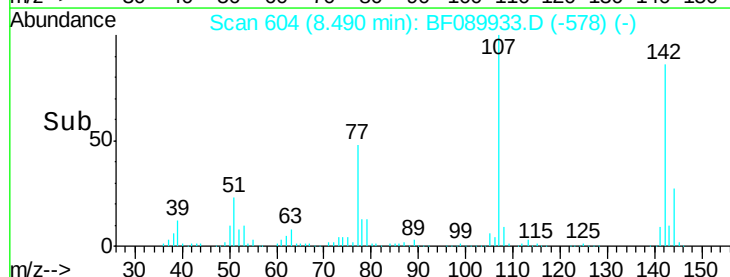
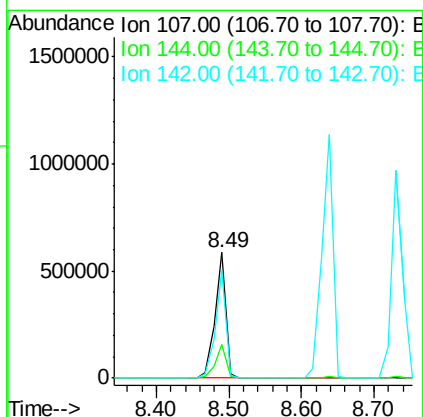
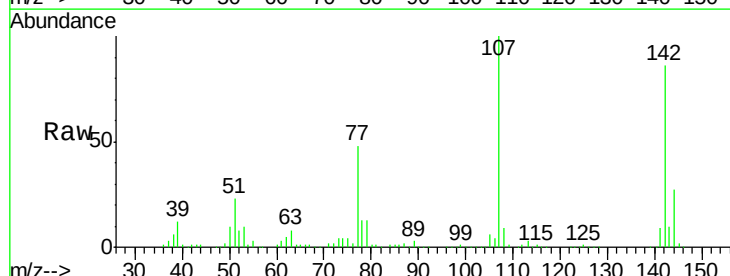
Manual Integrations
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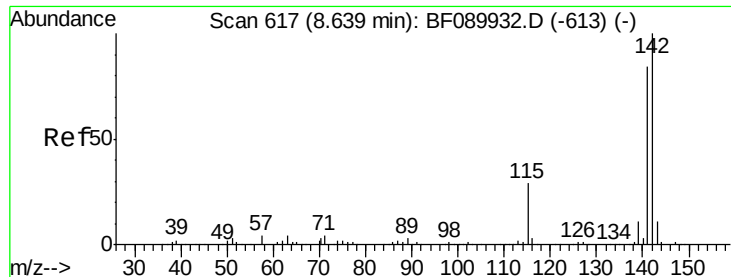
SOHIL
 9/1/2016 11:51:52 AM



#36
 4-Chloro-3-methylphenol
 Concen: 53.35 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.3	25.8	38.8
142	85.8	79.2	118.8





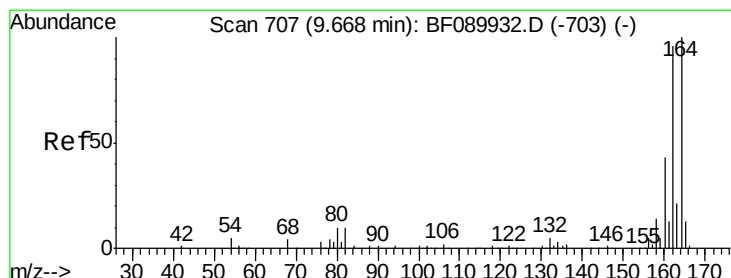
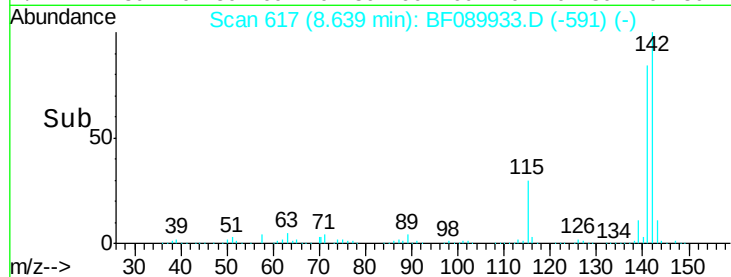
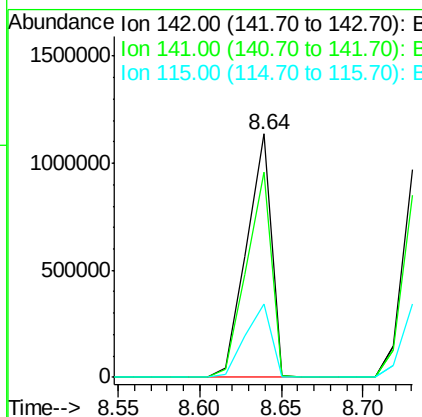
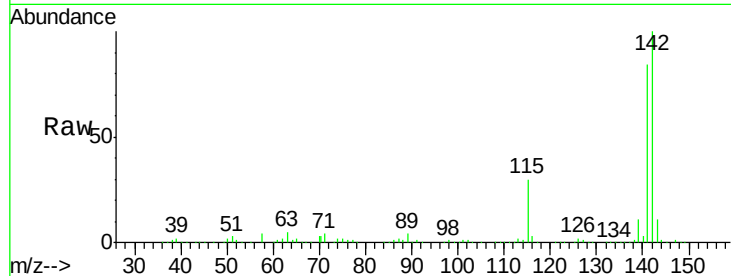
#37
 2-Methylnaphthalene
 Concen: 49.09 ng
 RT: 8.64 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.3	68.3	102.5
115	30.4	23.8	35.8

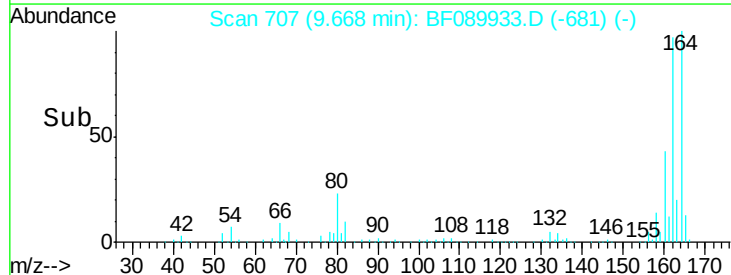
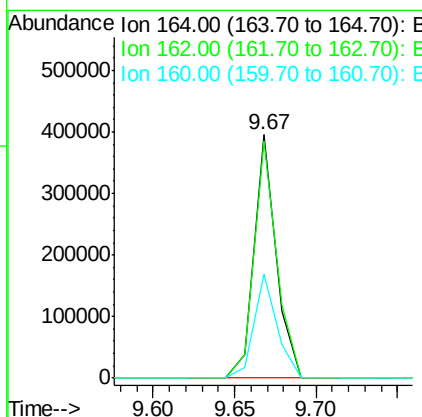
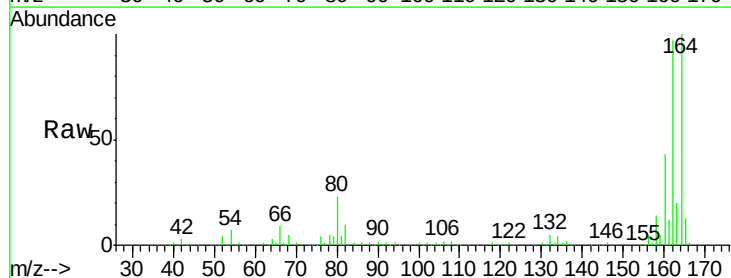
Manual Integrations
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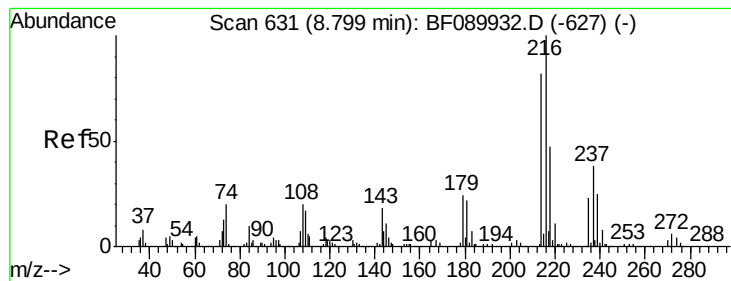
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.3	77.1	115.7
160	42.9	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.09 ng

RT: 8.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

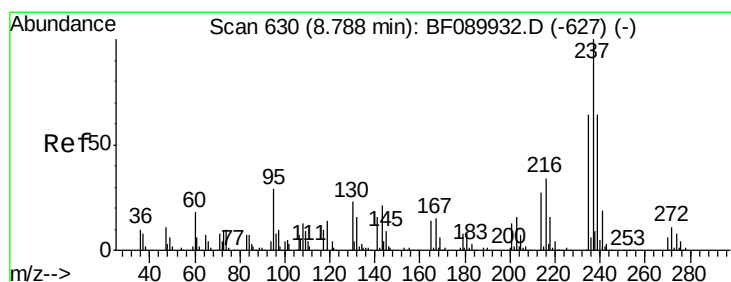
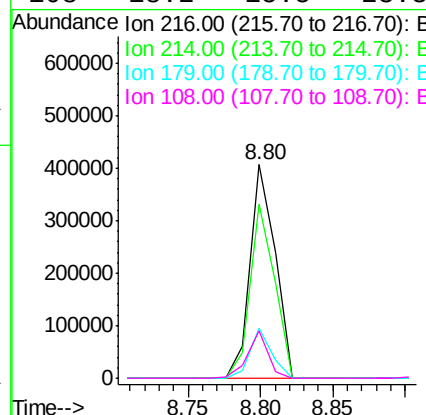
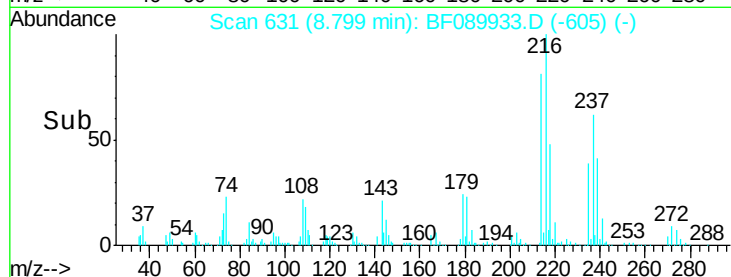
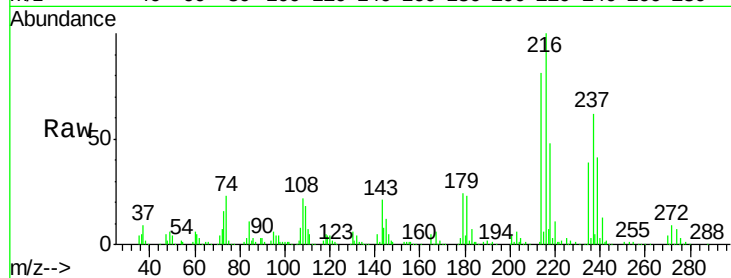
ClientSampleId :

SSTDIC050

Tgt Ion:	216	Resp:	486495
Ion Ratio		Lower	Upper
216	100		
214	79.5	63.4	95.2
179	20.6	17.3	25.9
108	18.2	15.5	23.3

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 54.75 ng

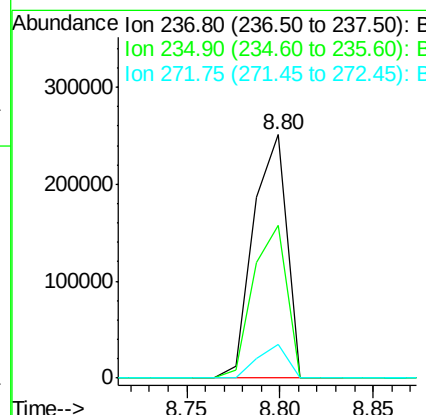
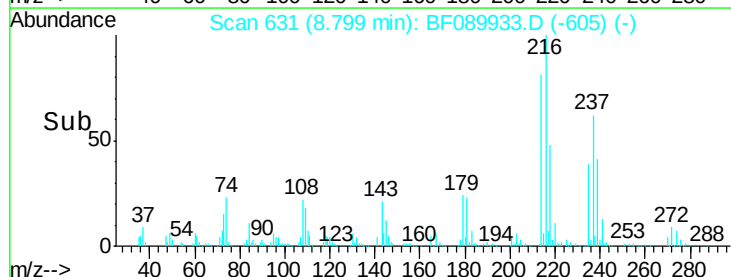
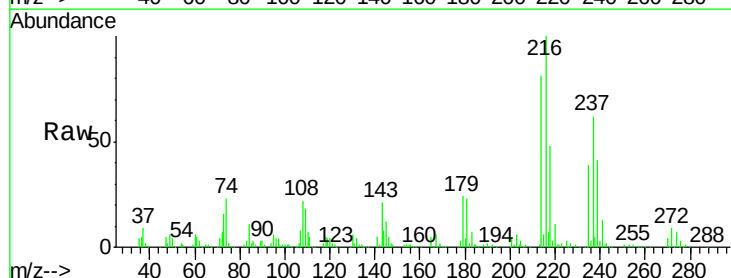
RT: 8.80 min Scan# 631

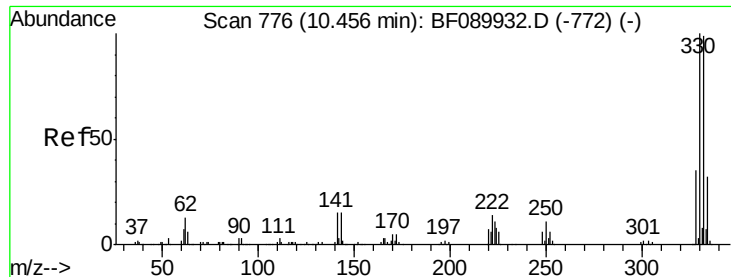
Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Tgt Ion:	237	Resp:	309579
Ion Ratio		Lower	Upper
237	100		
235	63.0	39.6	79.6
272	14.0	0.0	34.6





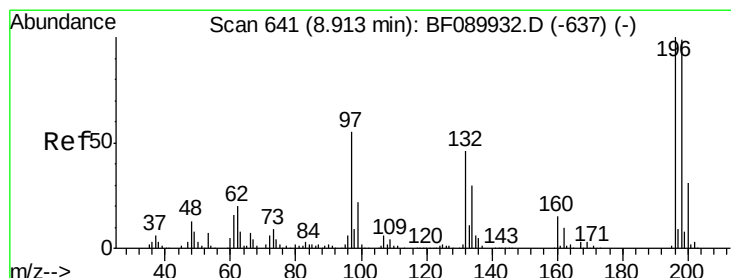
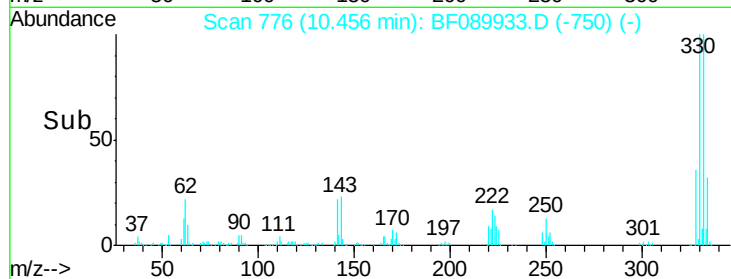
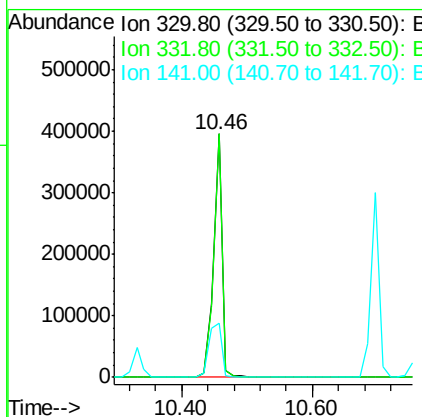
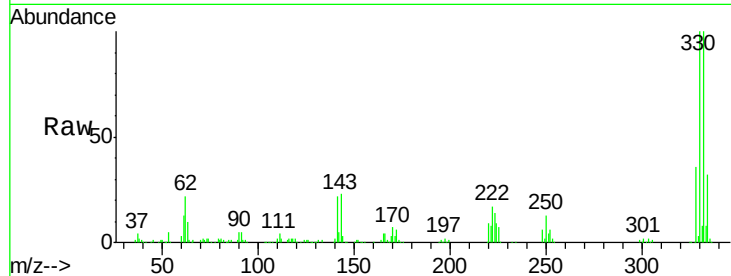
#41
 2,4,6-Tribromophenol
 Concen: 52.59 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	373290		
332	99.2	78.6	117.8	
141	32.7	23.3	34.9	

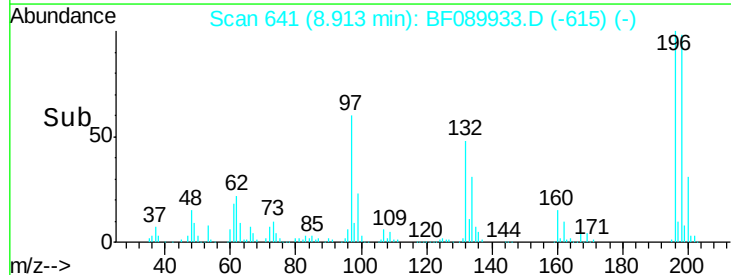
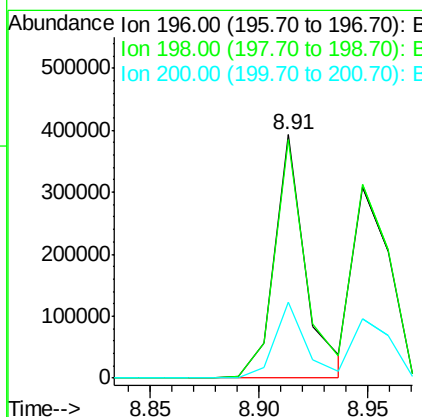
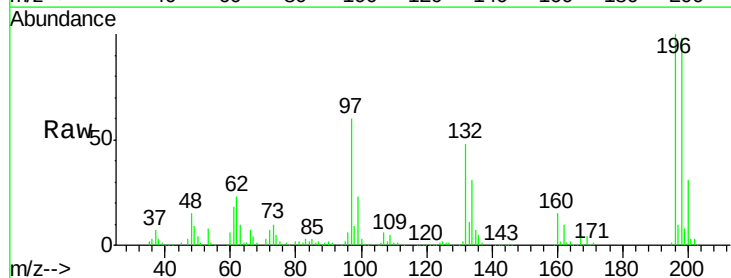
Manual Integrations
 APPROVED

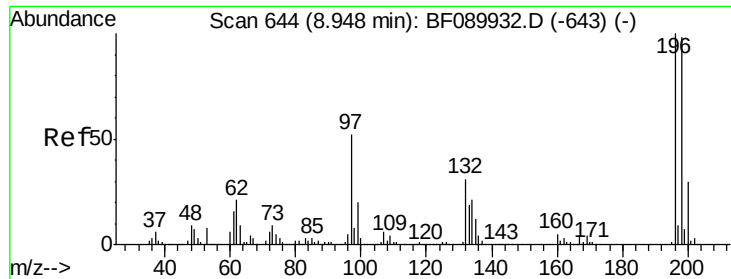
SOHIL
 9/1/2016 11:51:52 AM



#42
 2,4,6-Trichlorophenol
 Concen: 51.83 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	392380		
198	97.8	78.3	117.5	
200	31.2	24.8	37.2	





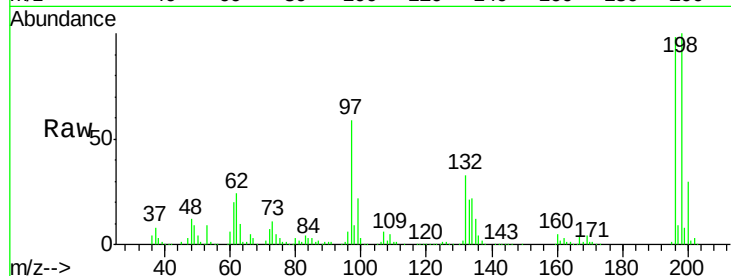
#43
 2,4,5-Trichlorophenol
 Concen: 48.20 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

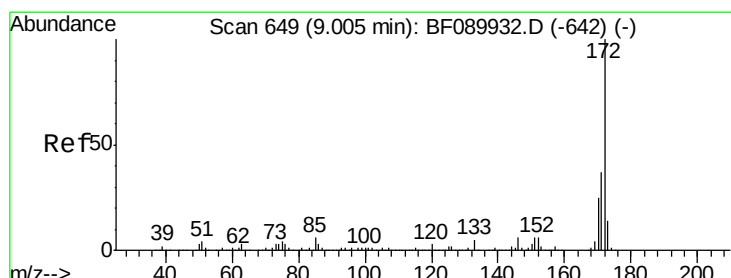
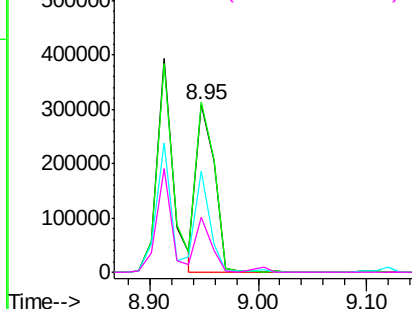
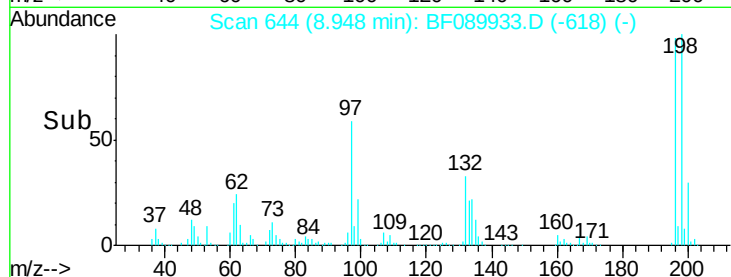
Tgt Ion:	196	Resp:	360590
Ion Ratio	Lower	Upper	
196	100		
198	101.8	80.8	121.2
97	60.5	44.2	66.4
132	33.1	25.8	38.6

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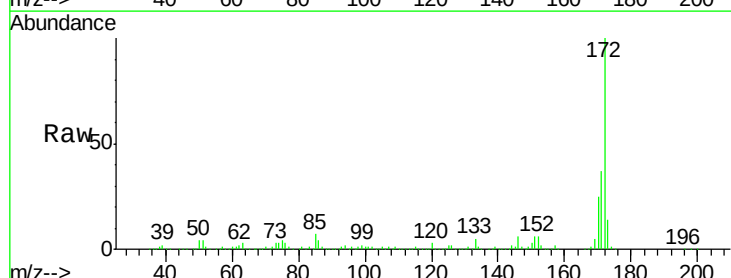


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

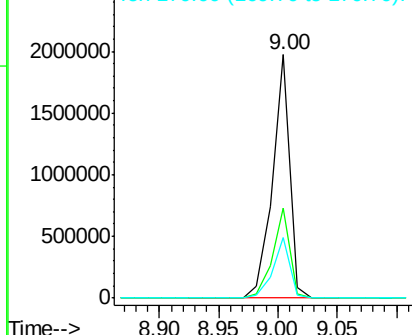
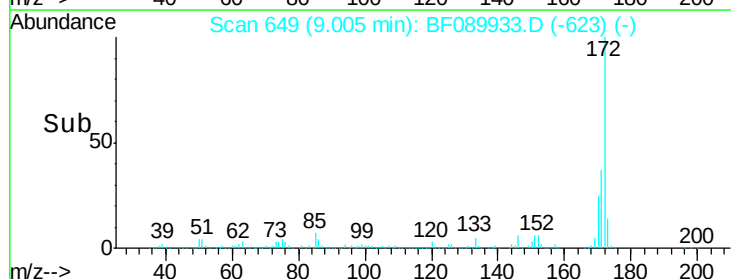


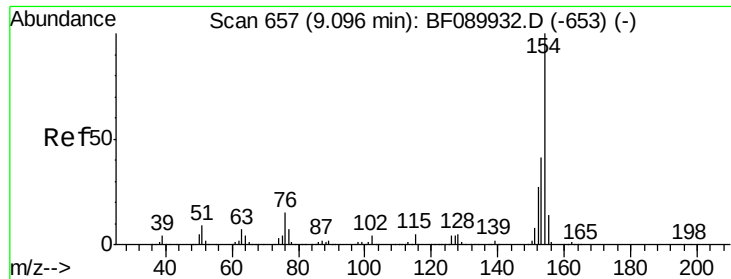
#44
 2-Fluorobiphenyl
 Concen: 43.82 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Tgt Ion:	172	Resp:	1986785
Ion Ratio	Lower	Upper	
172	100		
171	37.0	29.4	44.2
170	25.0	20.1	30.1



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





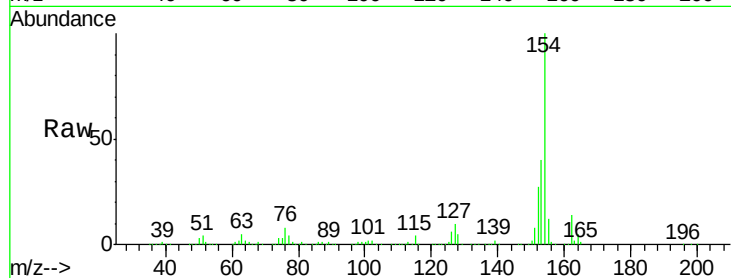
#45
 1,1'-Biphenyl
 Concen: 47.29 ng
 RT: 9.11 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.6	60.6
76	7.5	0.0	34.9

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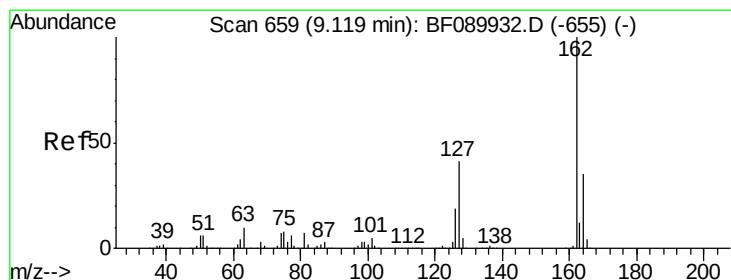
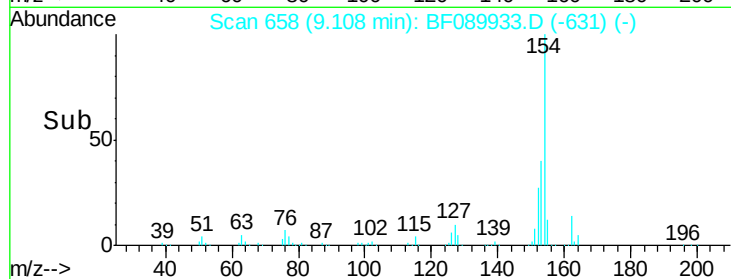
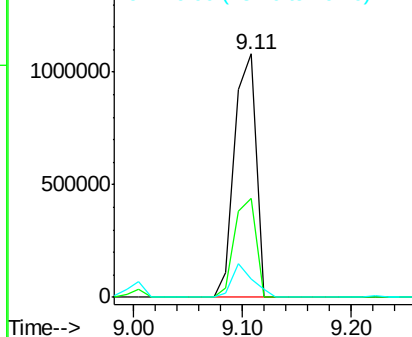


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 45.63 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

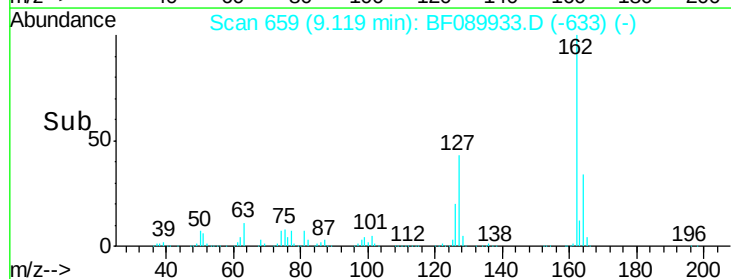
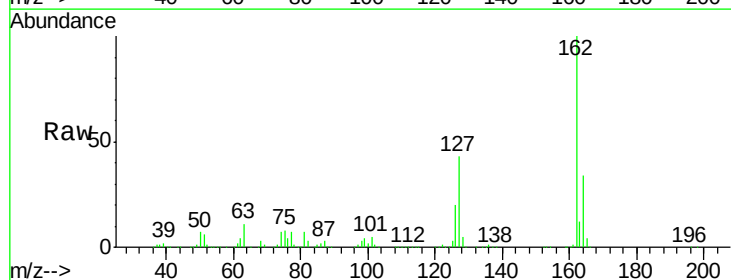
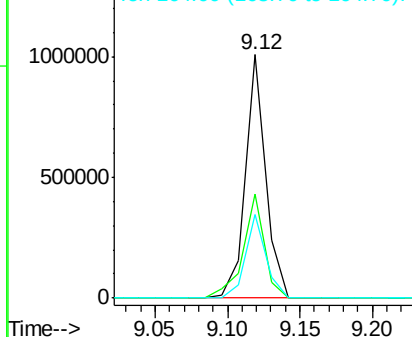
Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.7	33.5	50.3
164	34.2	28.2	42.4

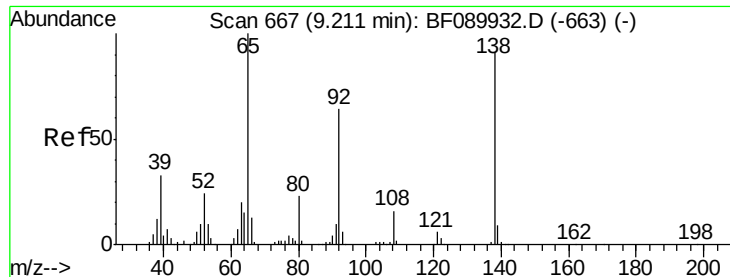
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 58.20 ng

RT: 9.22 min Scan# 668

Delta R.T. 0.01 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 65 Resp: 400411
Ion Ratio Lower Upper

65 100

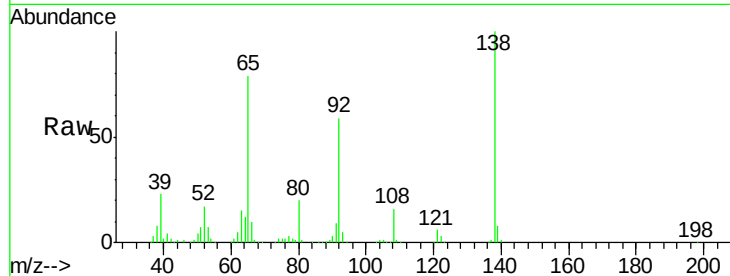
92 74.3 52.0 78.0

138 125.9 72.1 108.1#

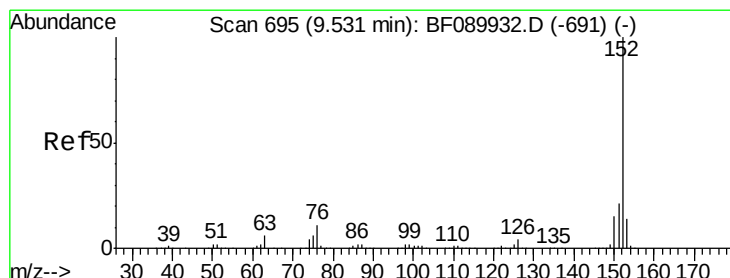
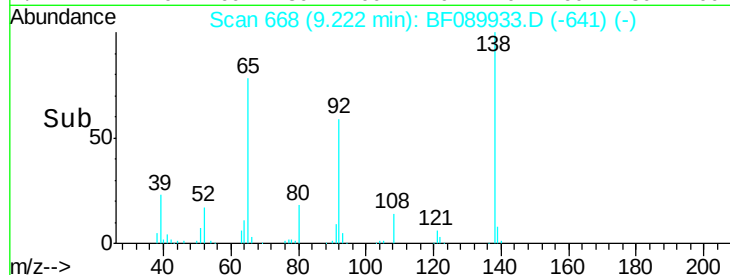
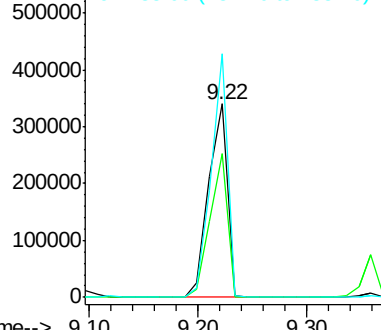
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Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 45.78 ng

RT: 9.53 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF089933.D

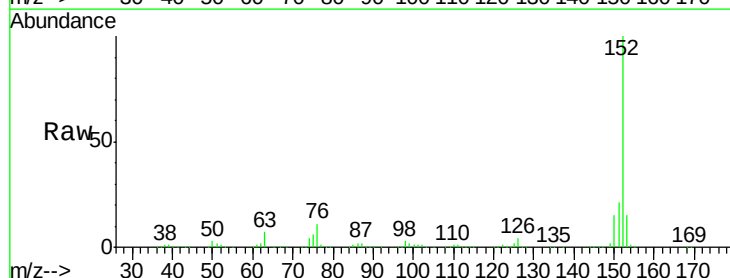
Acq: 31 Aug 2016 4:33

Tgt Ion: 152 Resp: 1602568
Ion Ratio Lower Upper

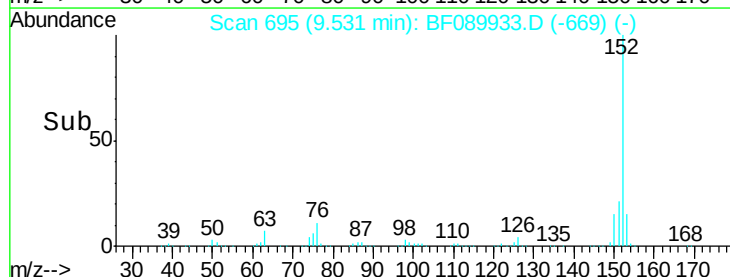
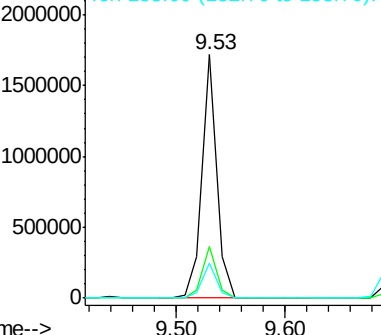
152 100

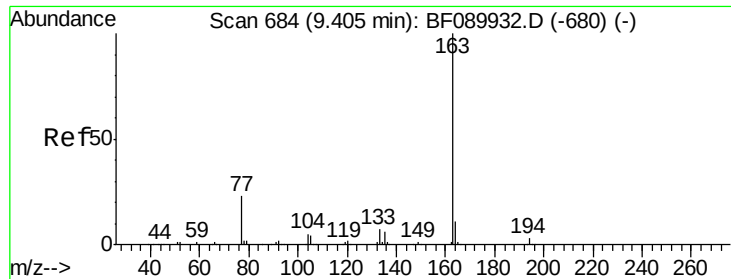
151 21.0 16.7 25.1

153 14.6 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





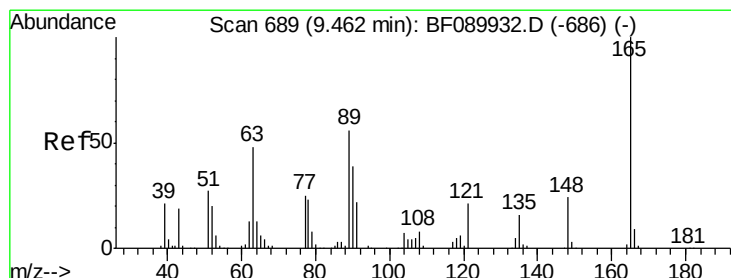
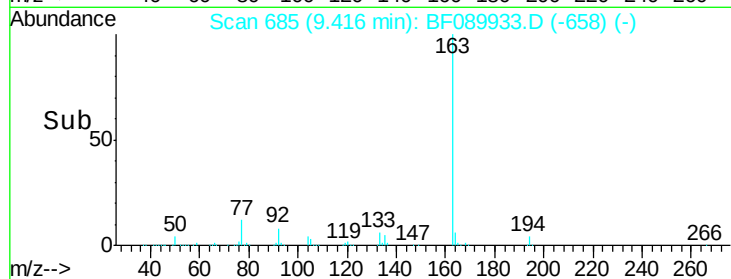
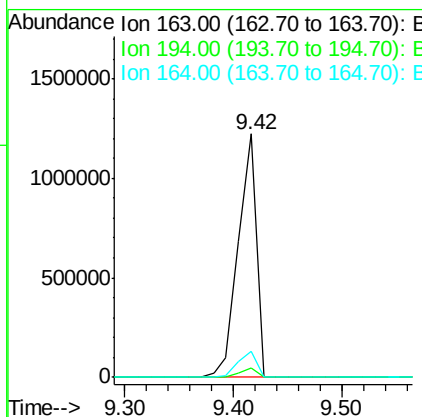
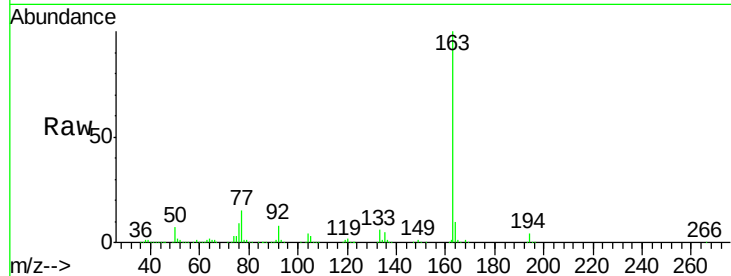
#49
Dimethylphthalate
Concen: 53.54 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.4	9.0	13.4

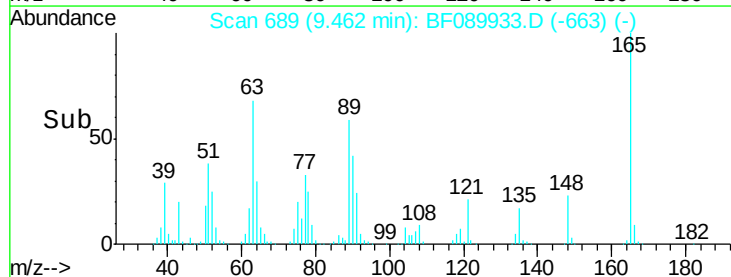
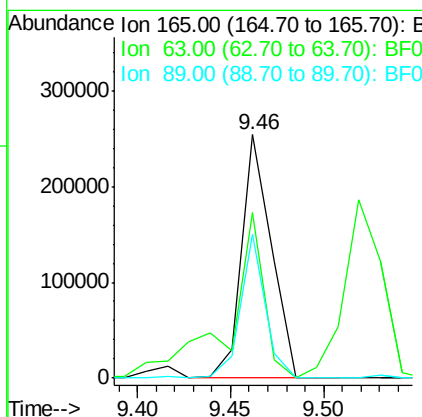
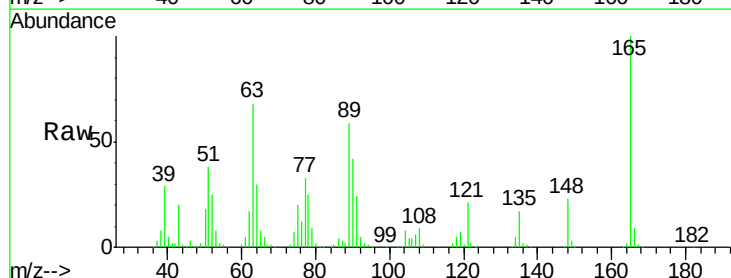
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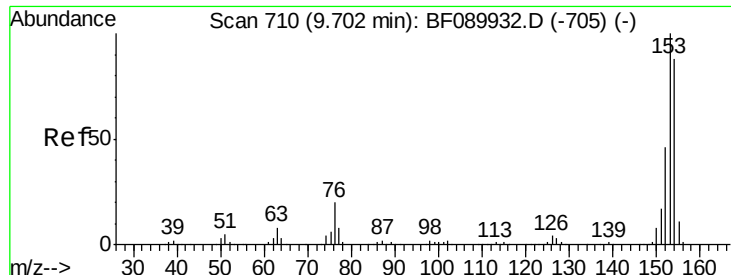
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9/1/2016 11:51:52 AM



#50
2,6-Dinitrotoluene
Concen: 45.43 ng
RT: 9.46 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	67.8	45.0	67.4#
89	59.1	41.5	62.3





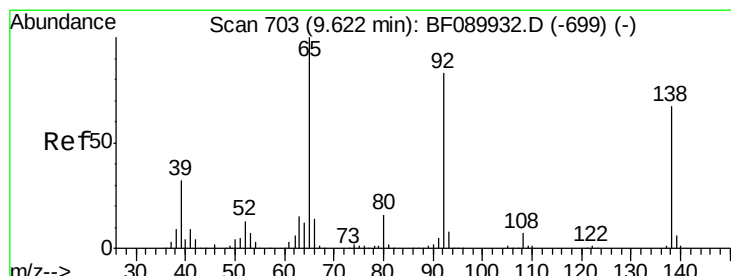
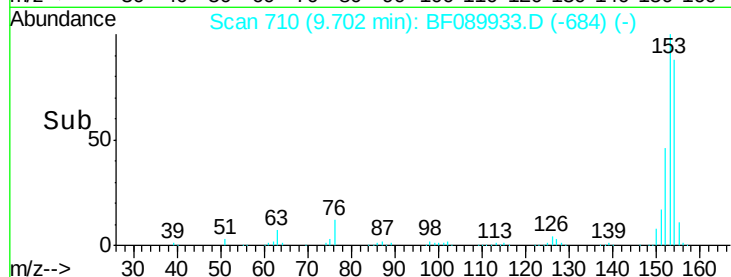
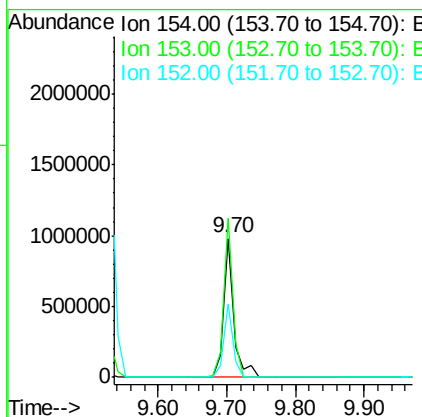
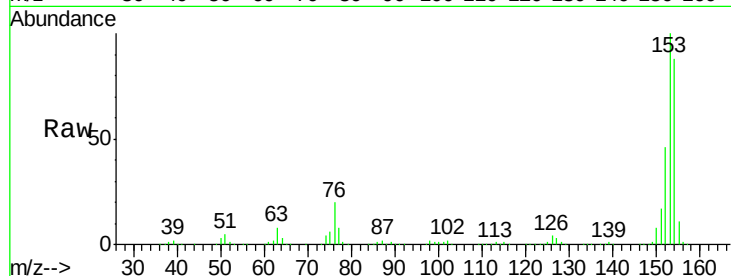
#51
Acenaphthene
Concen: 45.51 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.2	90.6	135.8
152	52.4	42.4	63.6

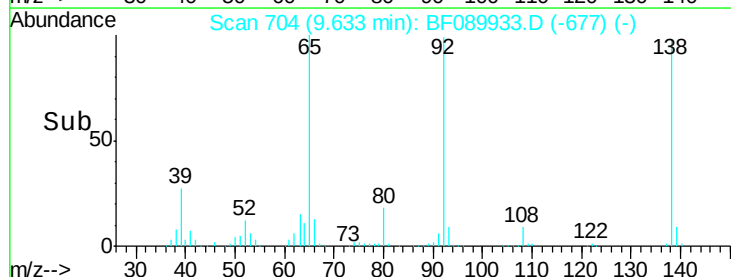
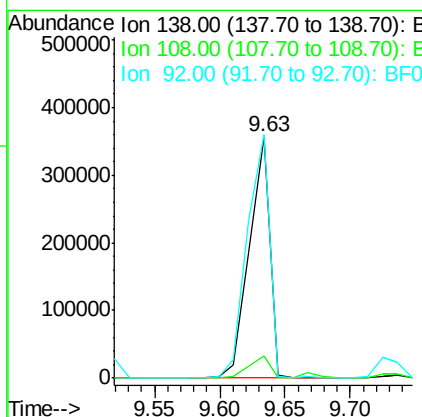
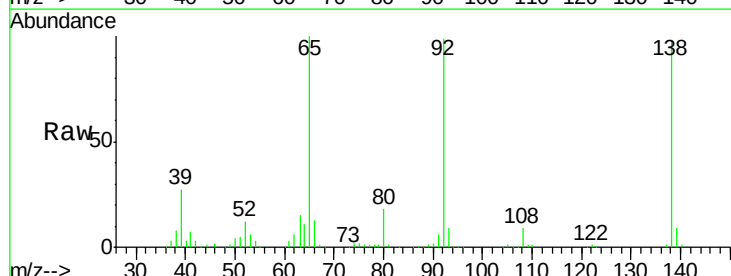
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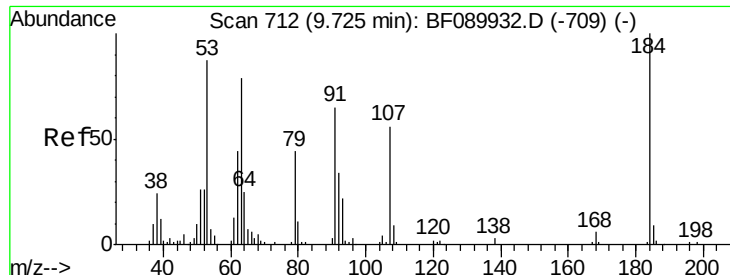
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9/1/2016 11:51:52 AM



#52
3-Nitroaniline
Concen: 59.97 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.01 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.2	8.3	12.5
92	100.9	99.1	148.7





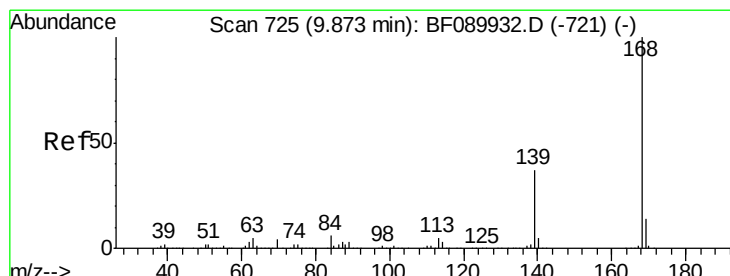
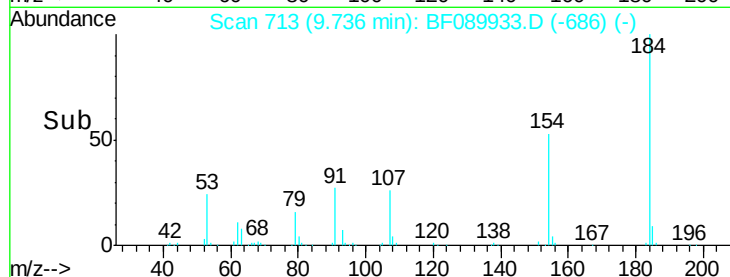
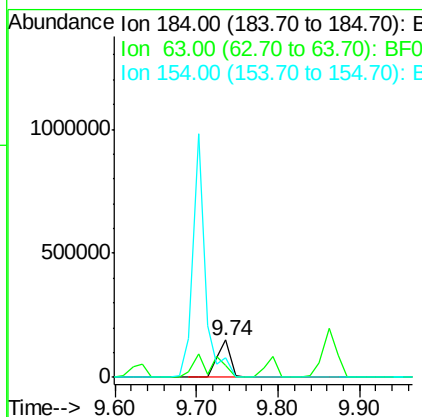
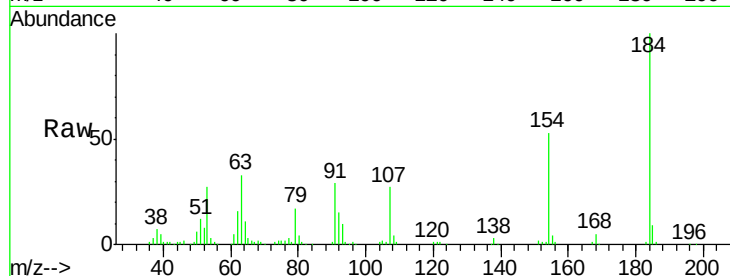
#53
2,4-Dinitrophenol
Concen: 67.93 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.01 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	169720		
63	32.9	73.9	110.9#	
154	53.5	53.5	80.3#	

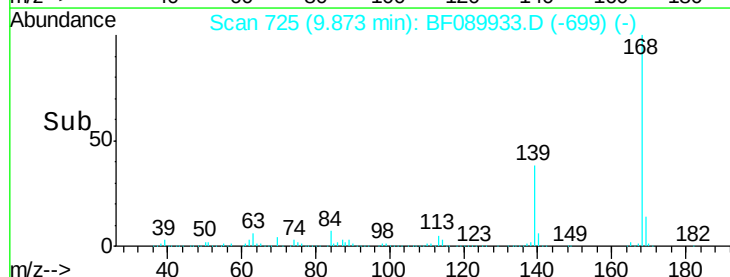
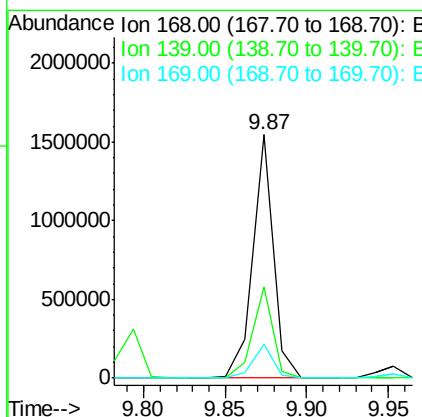
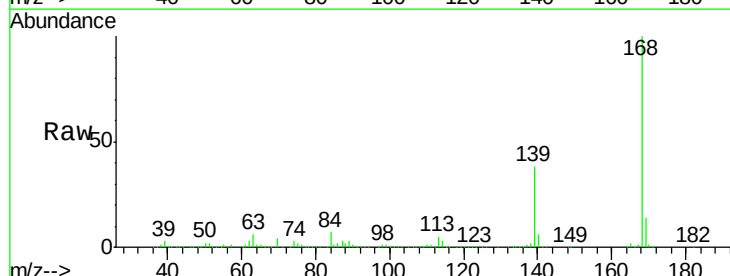
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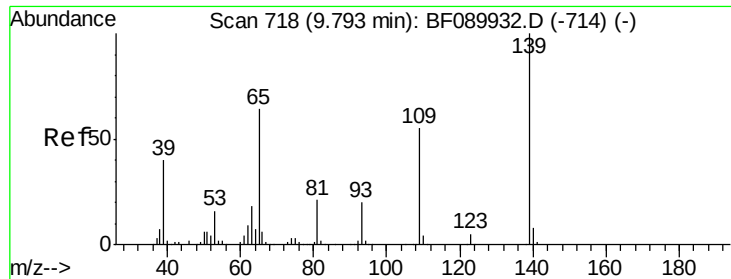
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#54
Dibenzofuran
Concen: 46.28 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1356923		
139	37.7	29.5	44.3	
169	13.9	10.8	16.2	





#55

4-Nitrophenol

Concen: 57.38 ng

RT: 9.79 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:139 Resp: 299926
Ion Ratio Lower Upper

139 100

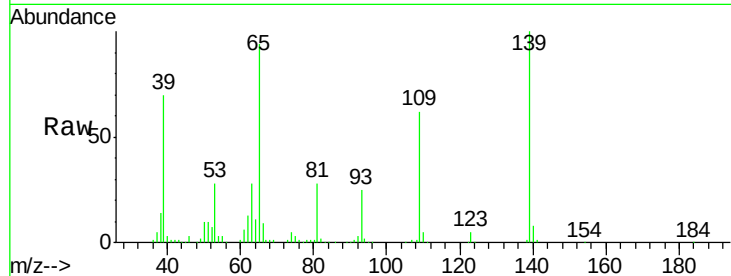
109 62.0 31.3 71.3

65 94.2 38.5 78.5#

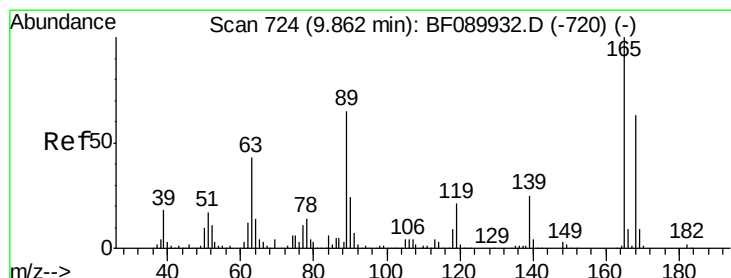
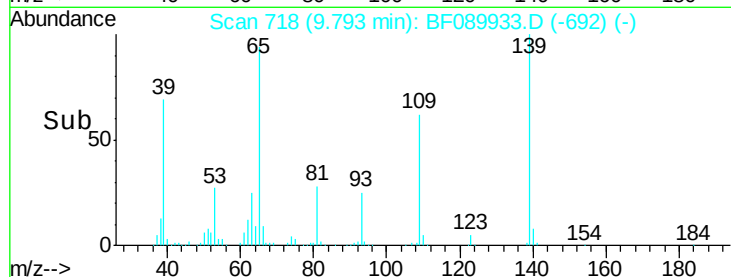
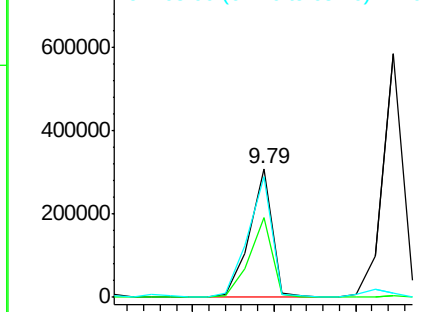
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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 46.74 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Tgt Ion:165 Resp: 359630
Ion Ratio Lower Upper

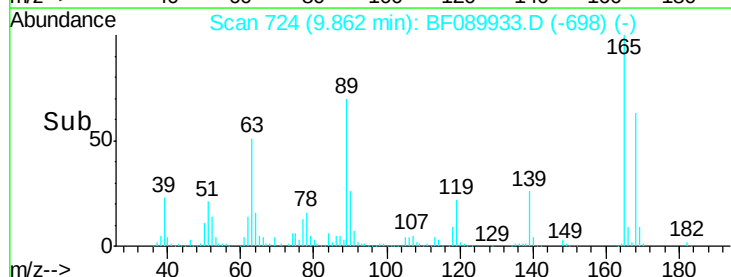
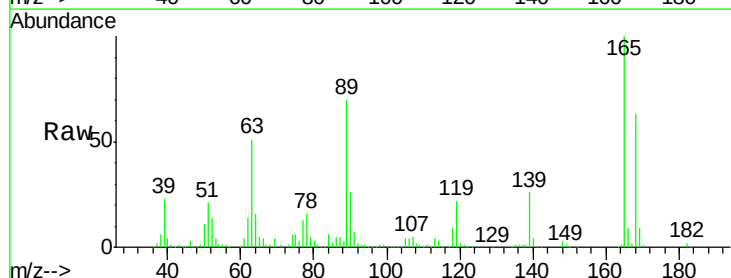
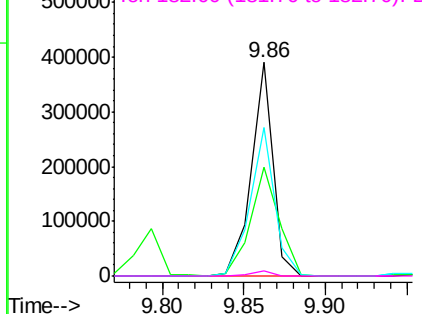
165 100

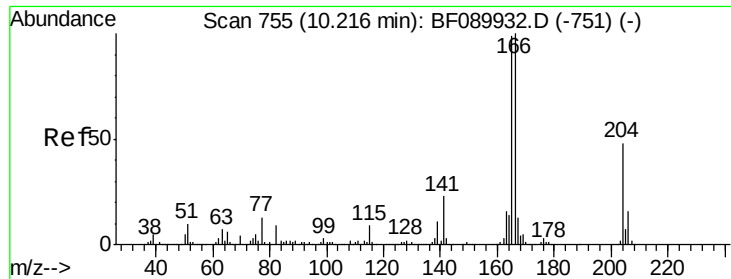
63 51.0 32.5 48.7#

89 69.6 48.3 72.5

182 2.2 1.7 2.5

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





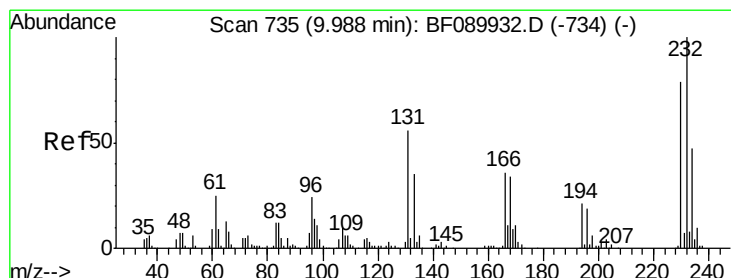
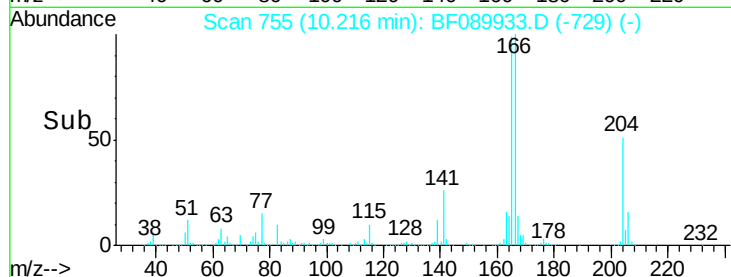
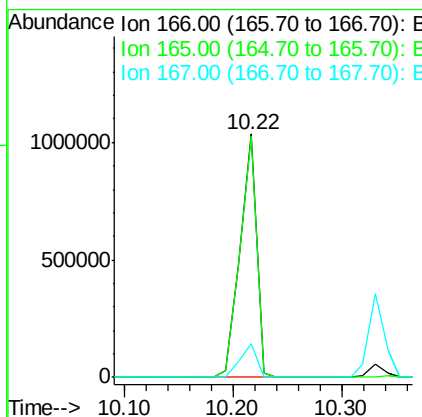
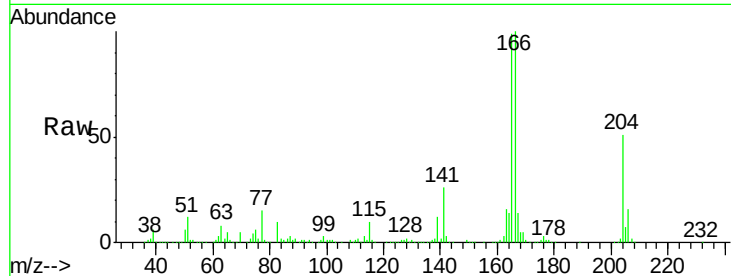
#57
 Fluorene
 Concen: 47.97 ng
 RT: 10.22 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:166 Resp: 1076603
 Ion Ratio Lower Upper
 166 100
 165 99.1 78.6 118.0
 167 13.6 10.6 15.8

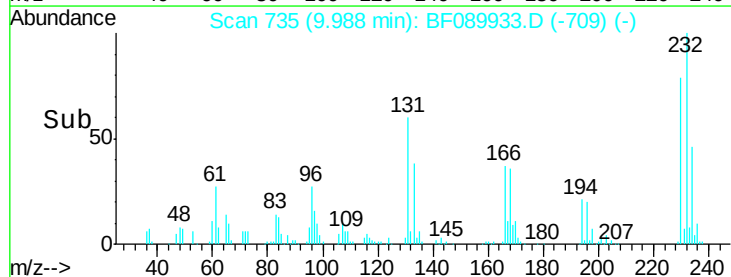
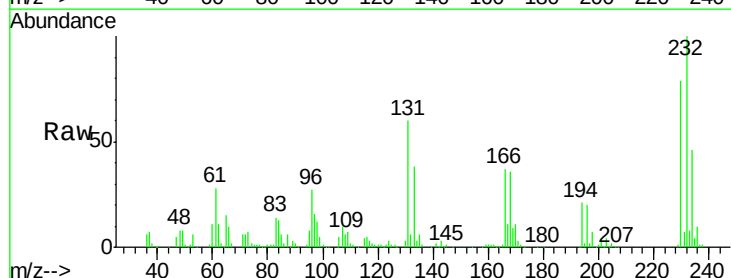
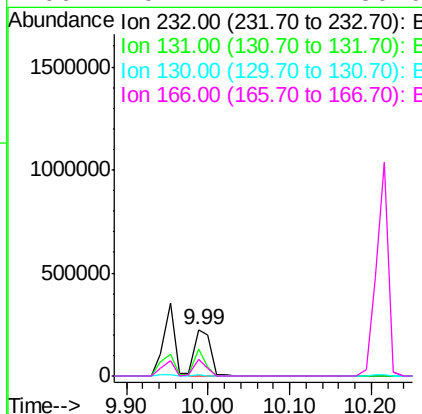
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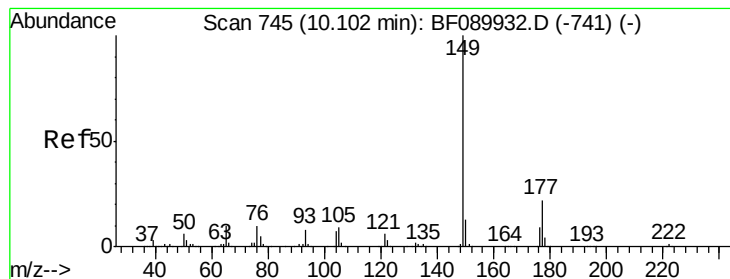
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.17 ng
 RT: 9.99 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Tgt Ion:232 Resp: 307751
 Ion Ratio Lower Upper
 232 100
 131 43.5 36.3 54.5
 130 1.9 1.7 2.5
 166 29.1 24.4 36.6





#59

Diethylphthalate

Concen: 47.50 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:149 Resp: 1247963

Ion Ratio Lower Upper

149 100

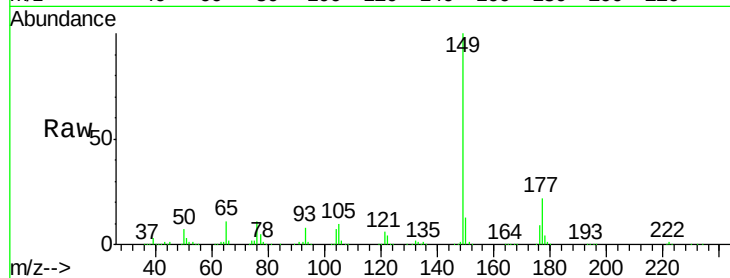
177 21.8 17.7 26.5

150 13.0 10.2 15.2

Manual Integrations
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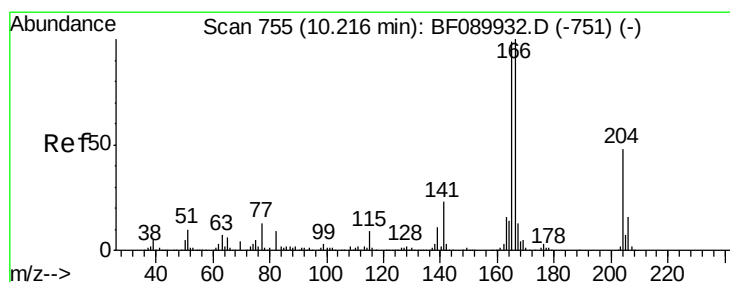
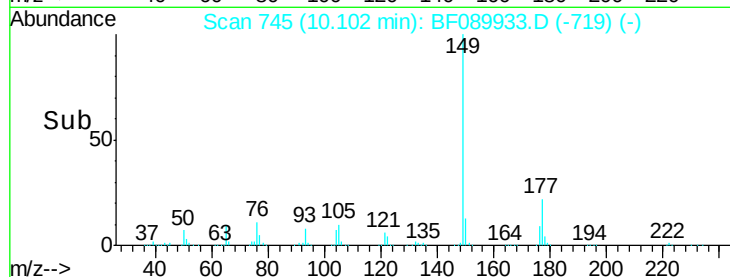
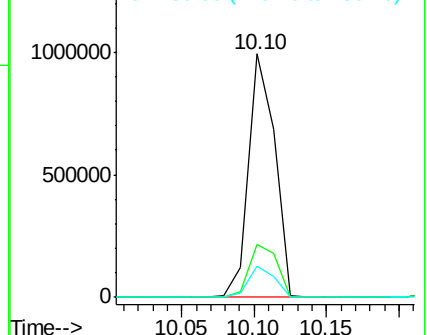
9/1/2016 11:51:52 AM



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: 48.06 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

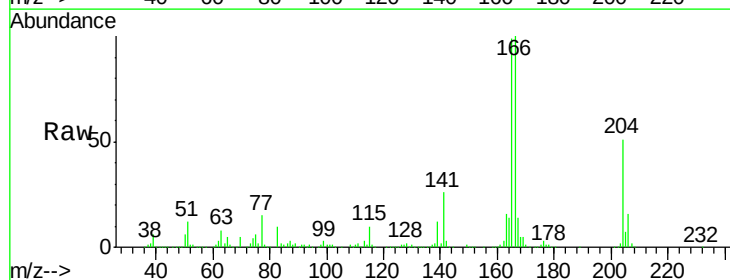
Tgt Ion:204 Resp: 513566

Ion Ratio Lower Upper

204 100

206 32.0 26.6 40.0

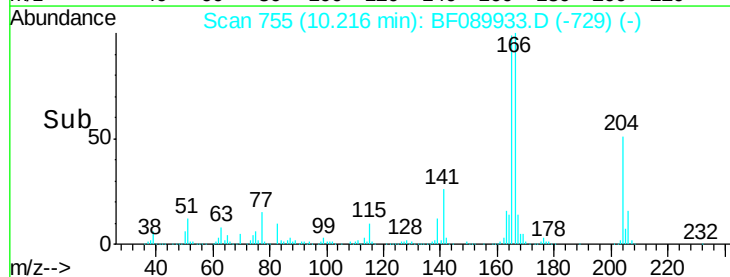
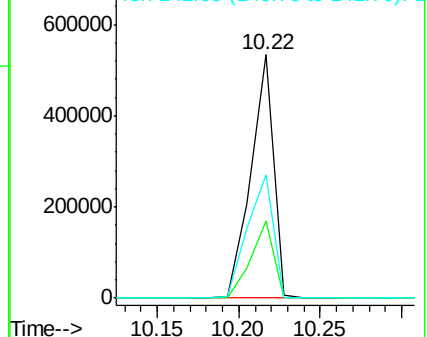
141 50.8 36.5 54.7

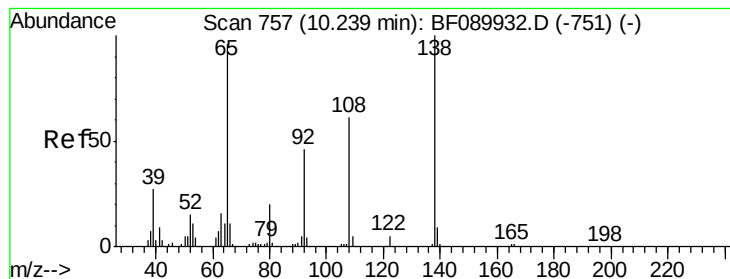


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





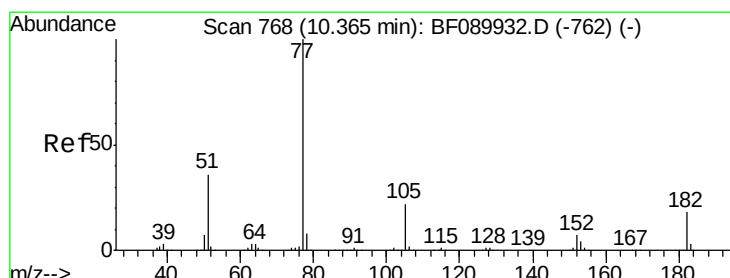
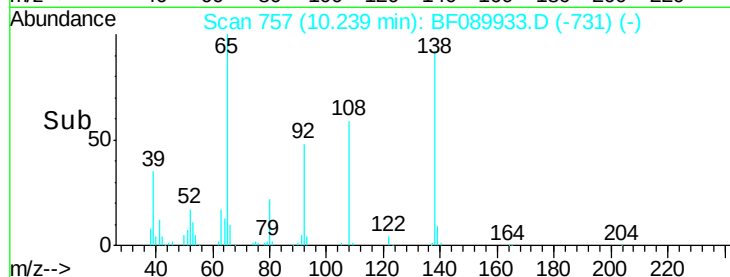
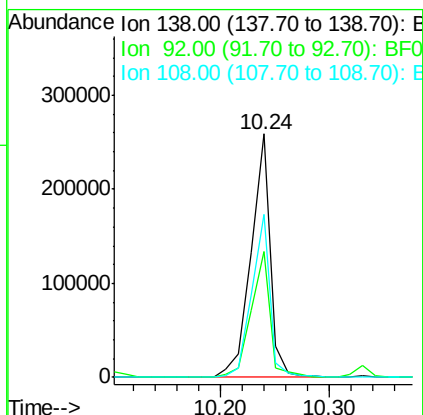
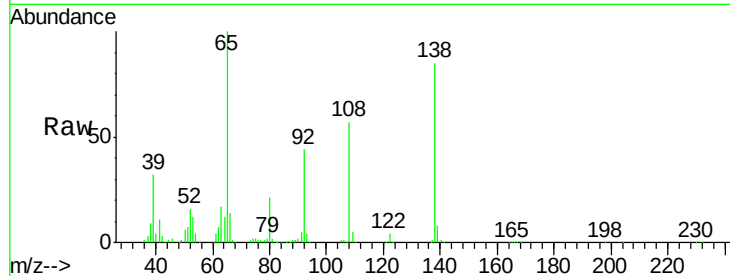
#61
4-Nitroaniline
Concen: 49.40 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	321735		
92	51.5	21.2	61.2	
108	66.8	37.7	77.7	

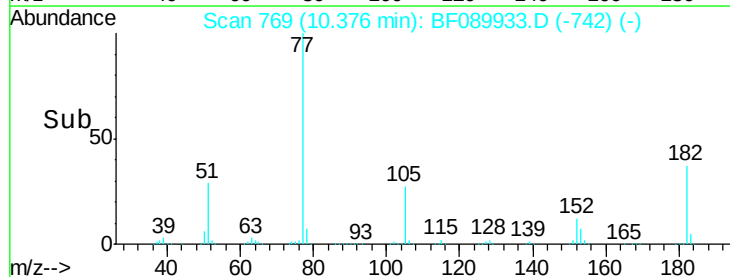
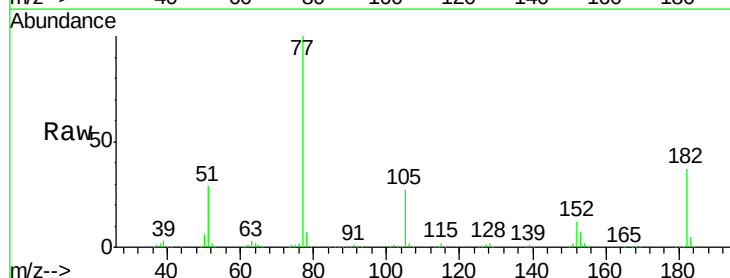
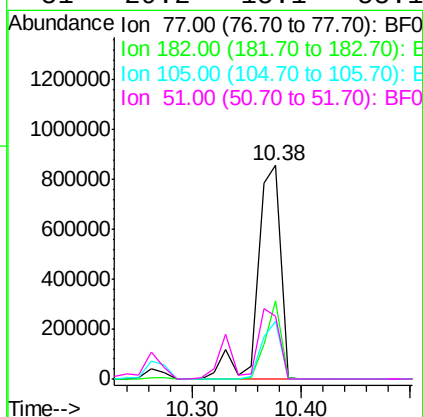
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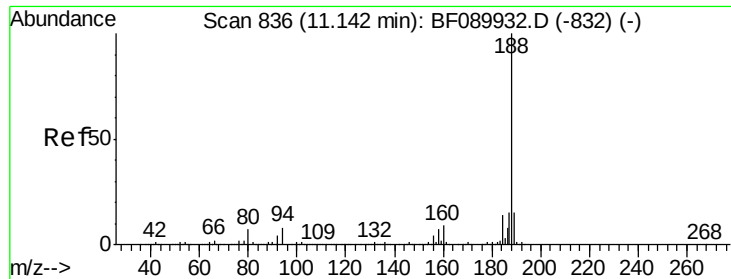
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9/1/2016 11:51:52 AM



#62
Azobenzene
Concen: 50.12 ng
RT: 10.38 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1273185		
182	36.8	0.0	38.6	
105	27.0	2.3	42.3	
51	29.2	15.1	55.1	





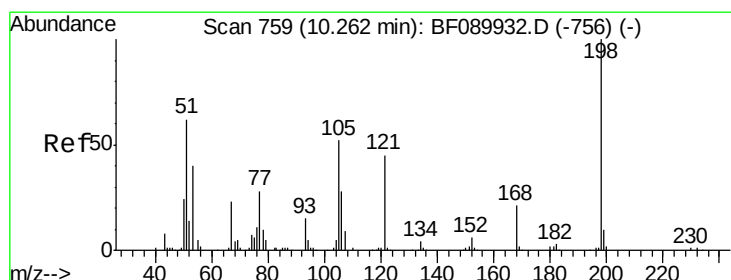
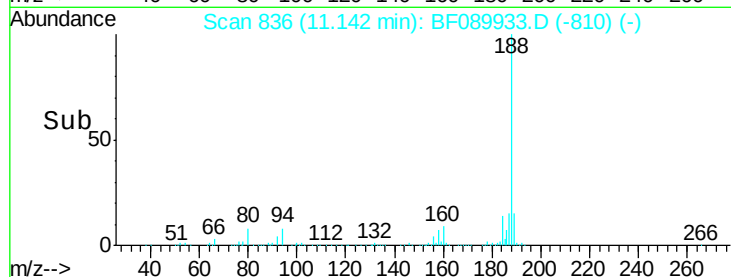
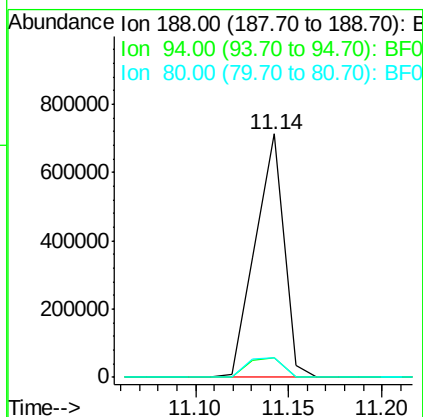
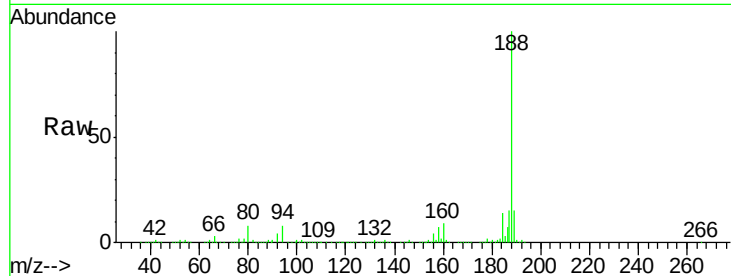
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.9	5.9	8.9
80	8.1	5.8	8.8

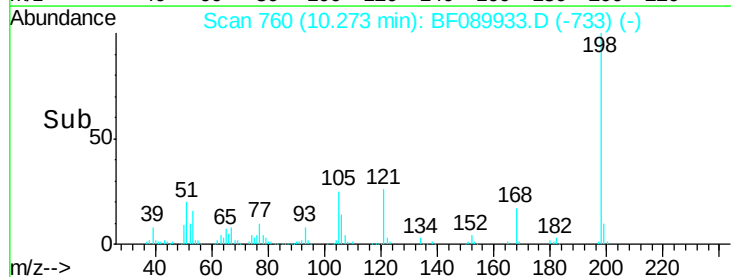
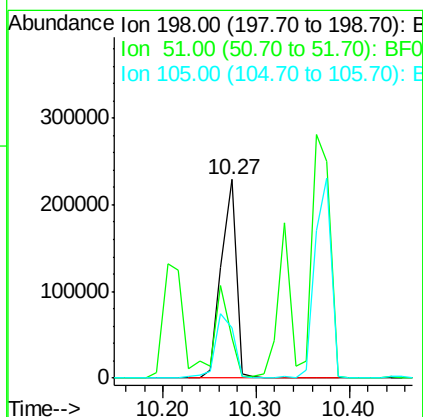
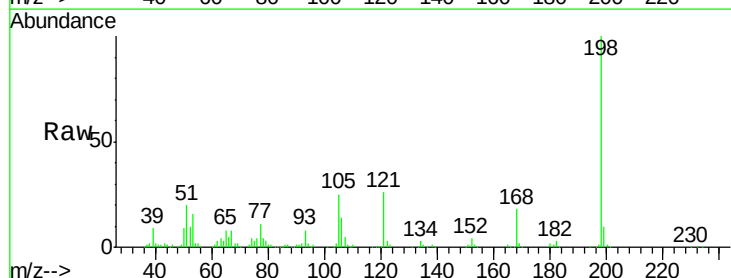
Manual Integrations
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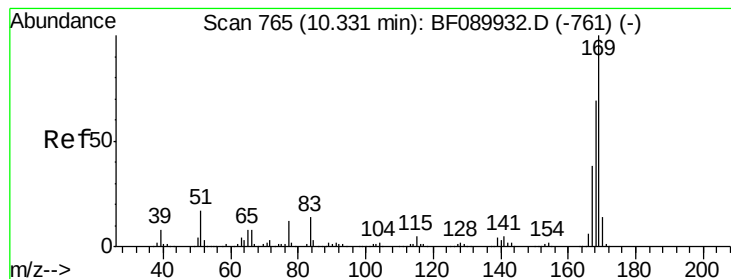
SOHIL
9/1/2016 11:51:52 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 55.95 ng
RT: 10.27 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	20.3	43.0	83.0#
105	25.4	30.3	70.3#





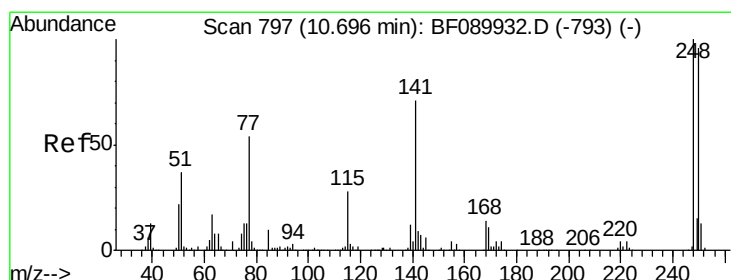
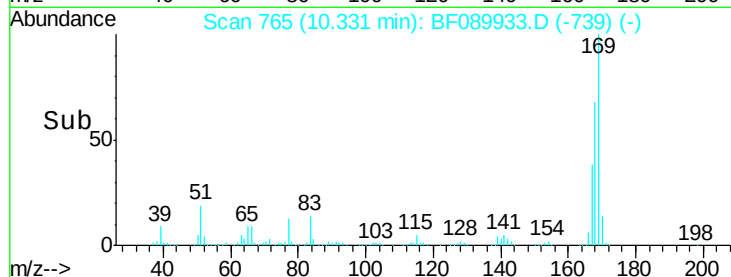
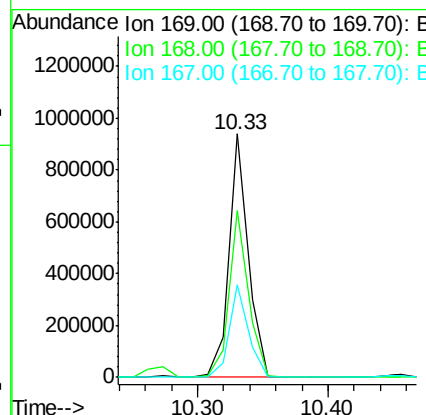
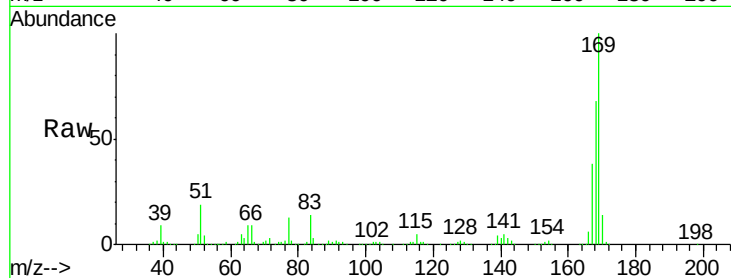
#65
 n-Nitrosodiphenylamine
 Concen: 41.61 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	68.5	55.0	82.4
167	38.0	30.5	45.7

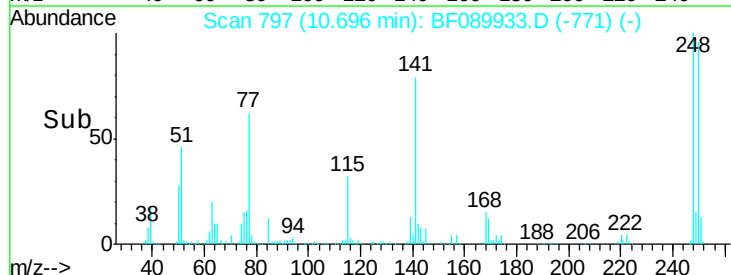
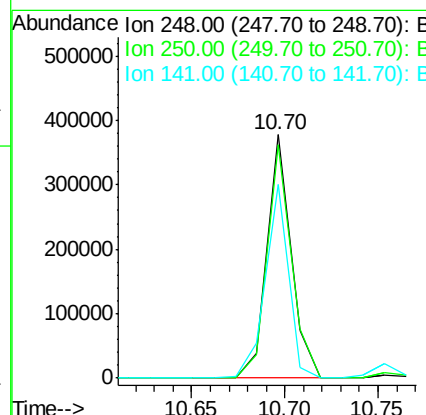
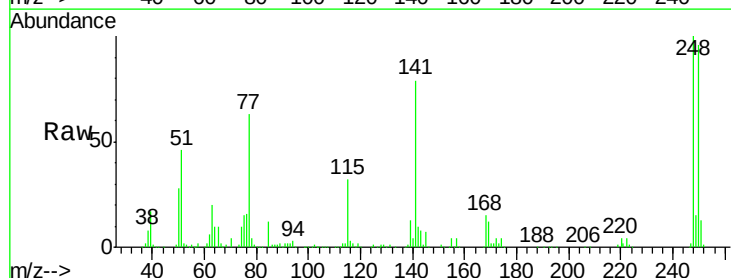
Manual Integrations
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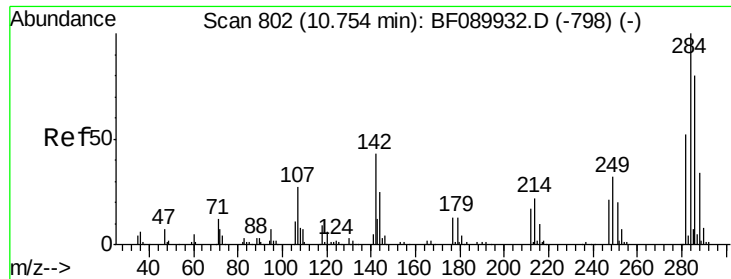
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#66
 4-Bromophenyl-phenylether
 Concen: 44.24 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	95.9	77.3	115.9
141	79.5	55.8	83.8





#67

Hexachlorobenzene

Concen: 44.62 ng

RT: 10.75 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

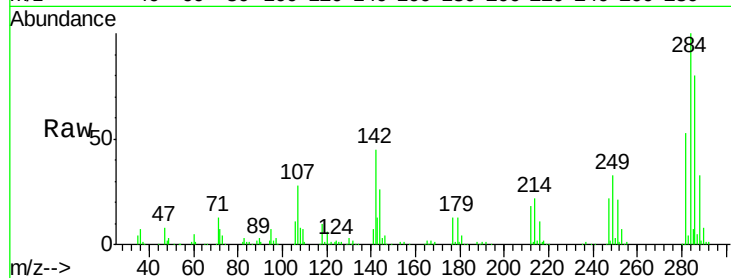
ClientSampleId :

SSTDIC050

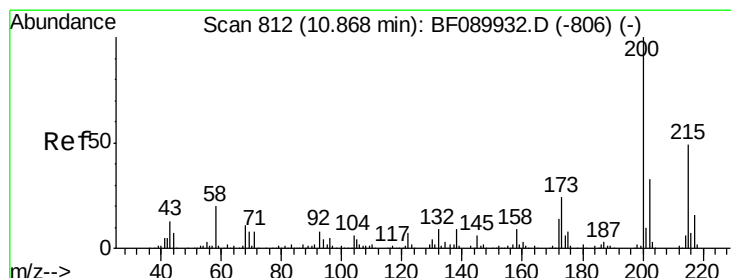
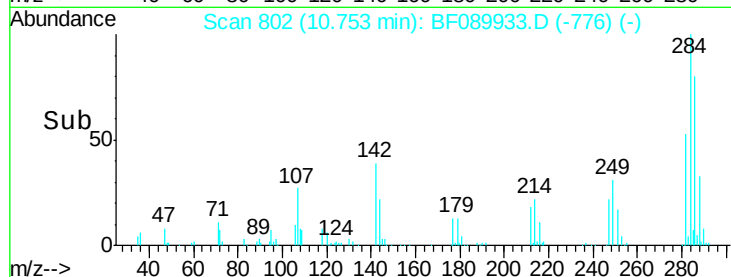
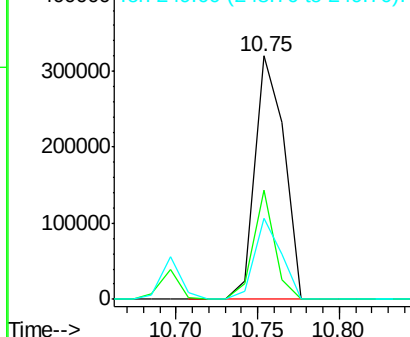
Tgt Ion:	284	Resp:	397177
Ion Ratio		Lower	Upper
284	100		
142	44.9	32.7	49.1
249	33.5	26.9	40.3

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: 54.34 ng

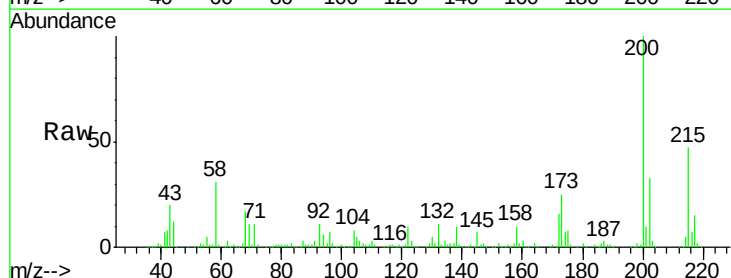
RT: 10.87 min Scan# 812

Delta R.T. 0.01 min

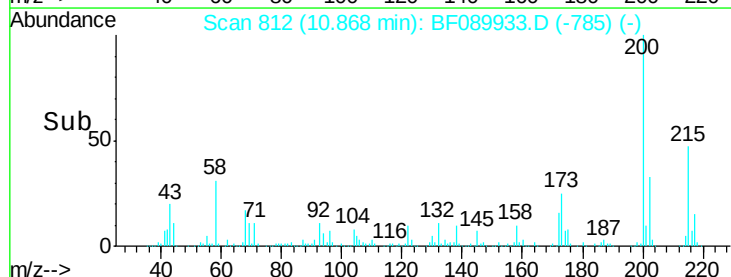
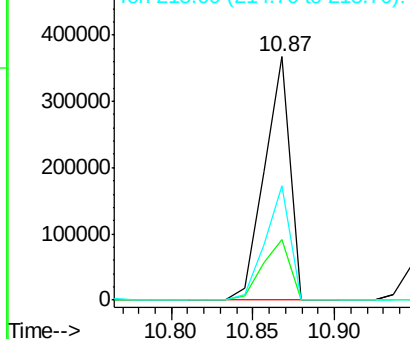
Lab File: BF089933.D

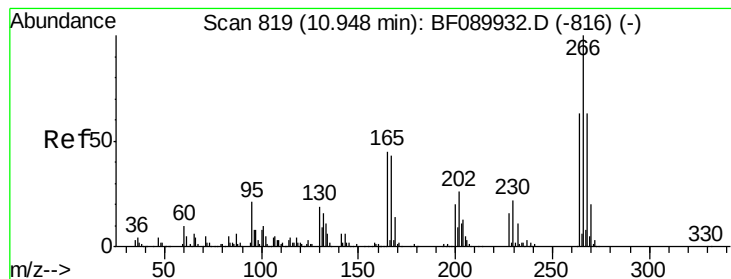
Acq: 31 Aug 2016 4:33

Tgt Ion:	200	Resp:	399891
Ion Ratio		Lower	Upper
200	100		
173	25.1	9.4	49.4
215	46.7	24.5	64.5



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: 54.87 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 266 Resp: 252672
Ion Ratio Lower Upper

266 100

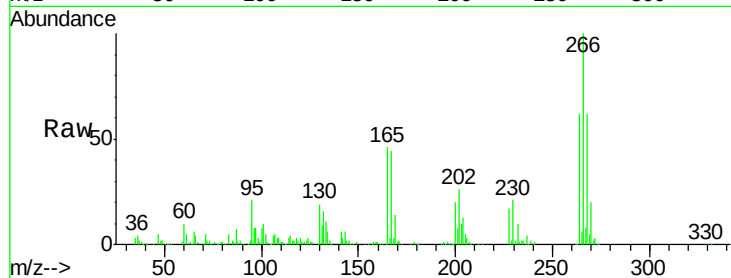
268 62.0 51.0 76.6

264 62.0 50.6 75.8

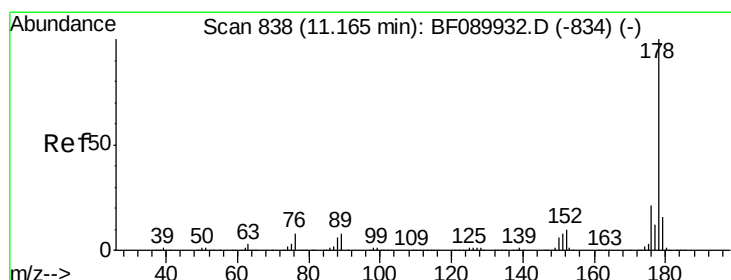
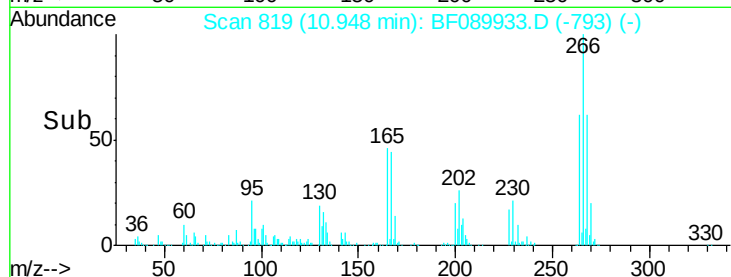
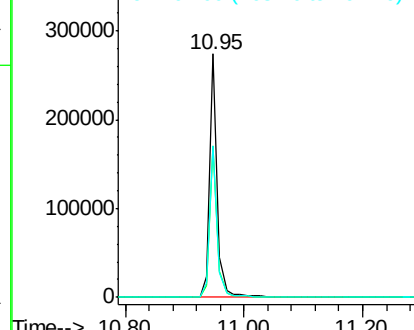
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Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 44.85 ng

RT: 11.16 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF089933.D

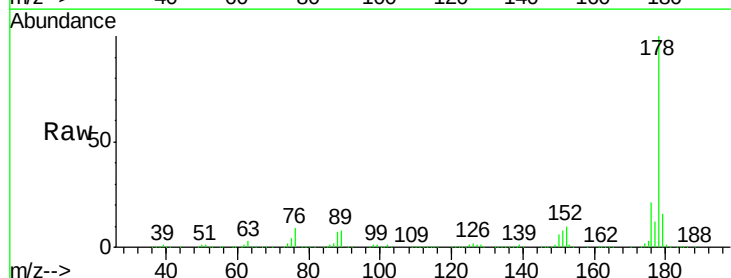
Acq: 31 Aug 2016 4:33

Tgt Ion: 178 Resp: 1656010
Ion Ratio Lower Upper

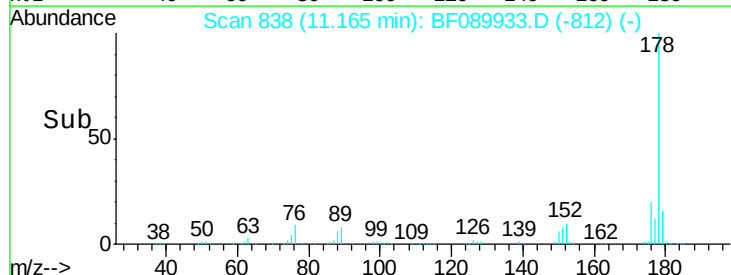
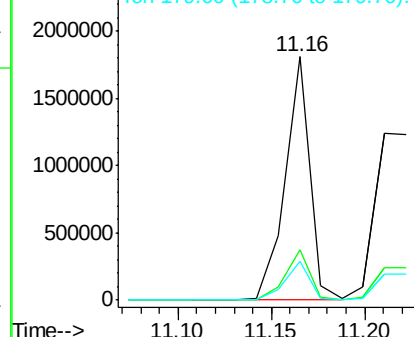
178 100

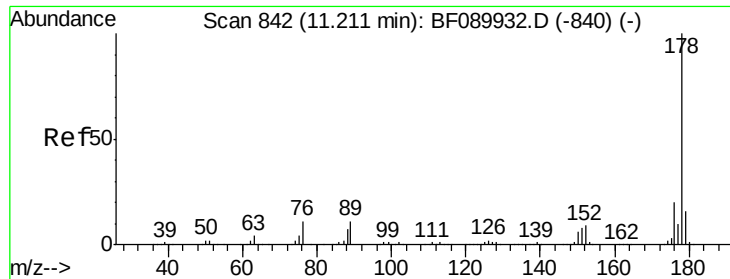
176 20.6 16.5 24.7

179 16.0 12.8 19.2



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





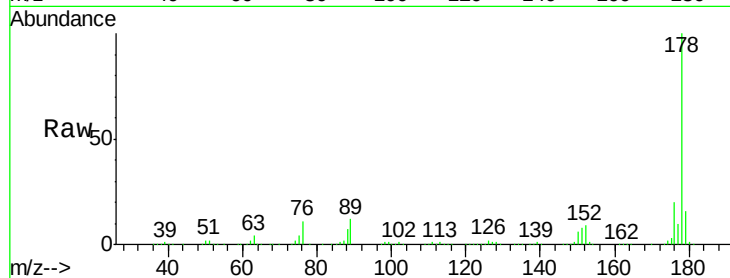
#71
 Anthracene
 Concen: 46.19 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

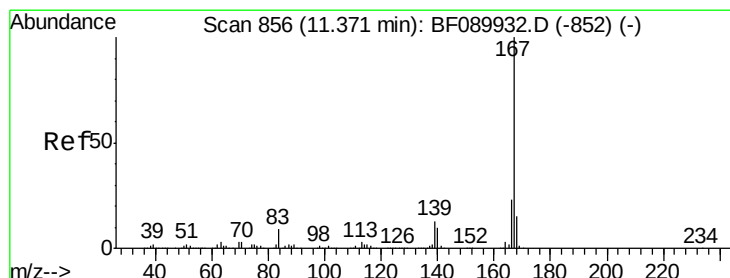
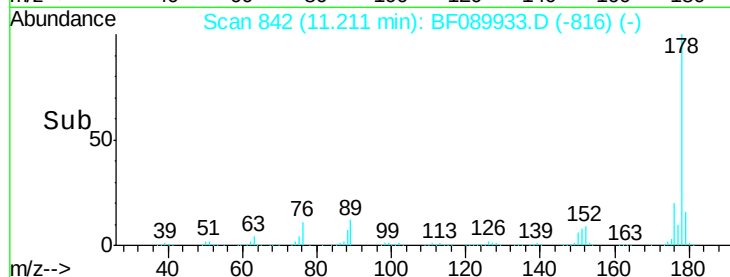
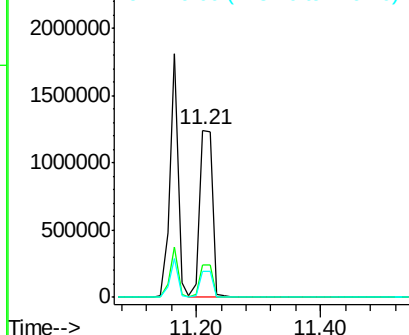
Tgt Ion:178 Resp: 1796438
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.9 13.0 19.4

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 9/1/2016 11:51:52 AM

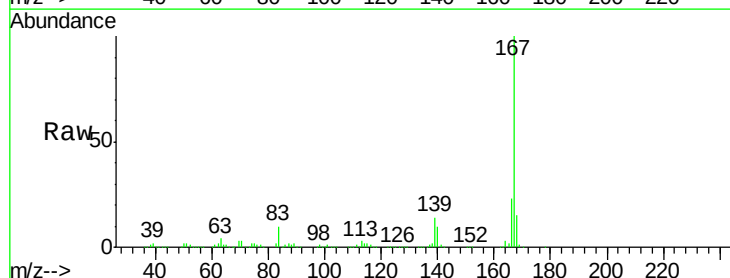


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

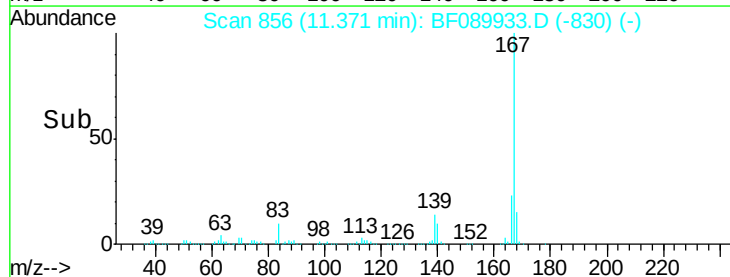
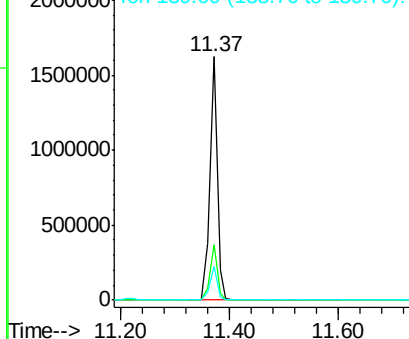


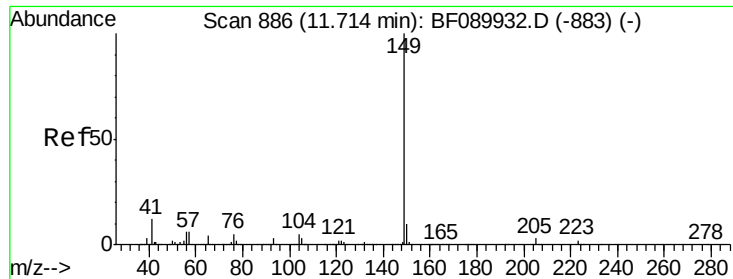
#72
 Carbazole
 Concen: 43.05 ng
 RT: 11.37 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Tgt Ion:167 Resp: 1530217
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.1 27.1
 139 13.7 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





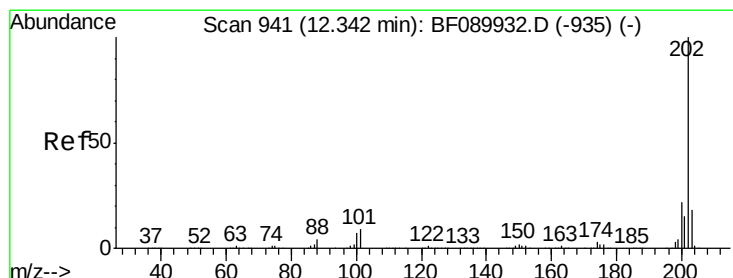
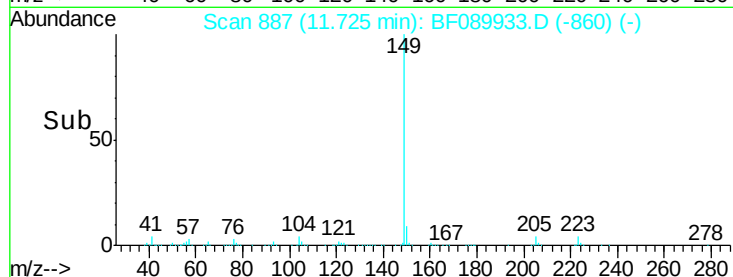
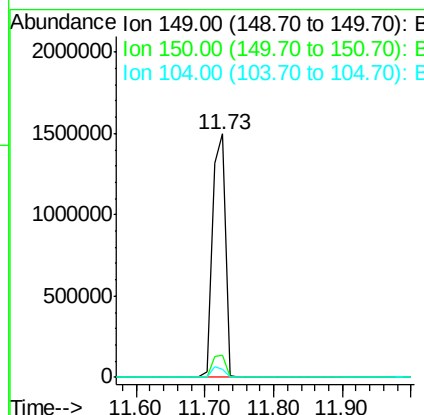
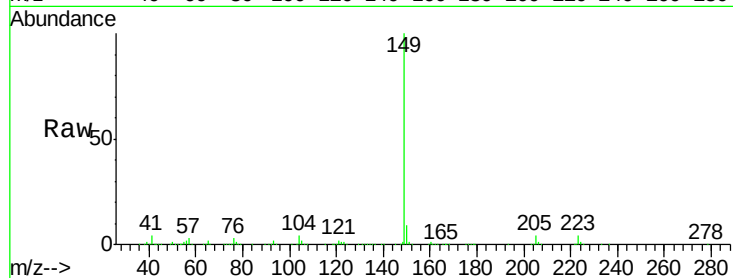
#73
Di-n-butylphthalate
Concen: 46.05 ng
RT: 11.73 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:149 Resp: 1987072
Ion Ratio Lower Upper
149 100
150 9.0 7.8 11.8
104 3.6 3.9 5.9#

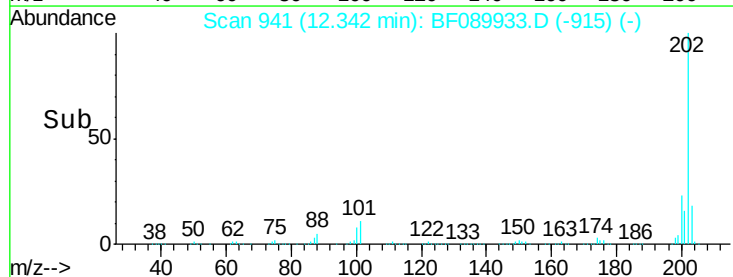
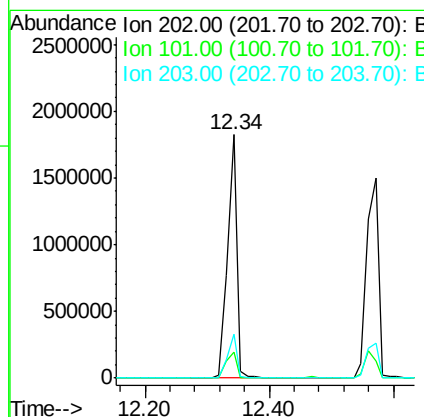
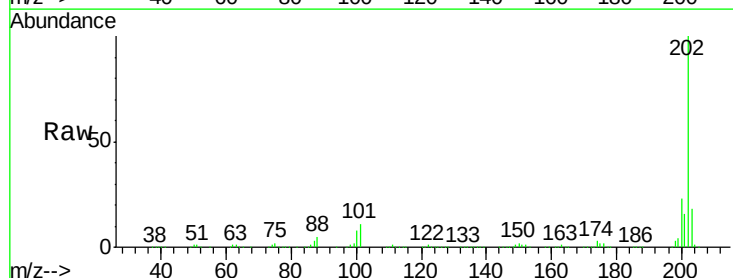
Manual Integrations
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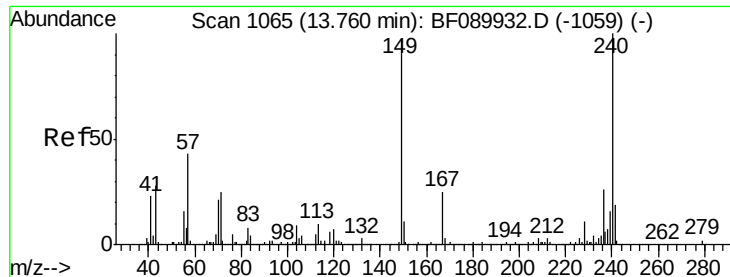
SOHIL
9/1/2016 11:51:52 AM



#74
Fluoranthene
Concen: 47.79 ng
RT: 12.34 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Tgt Ion:202 Resp: 1872399
Ion Ratio Lower Upper
202 100
101 10.7 0.0 28.5
203 18.3 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

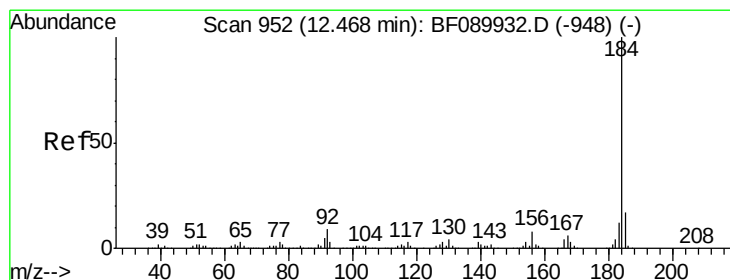
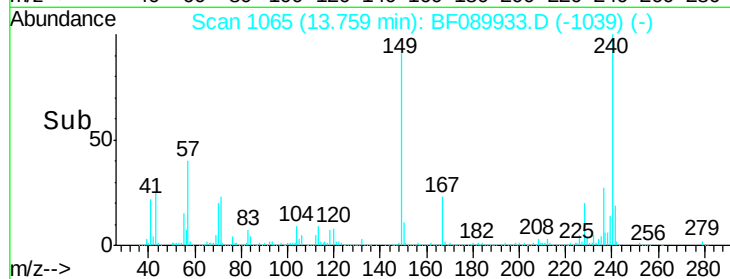
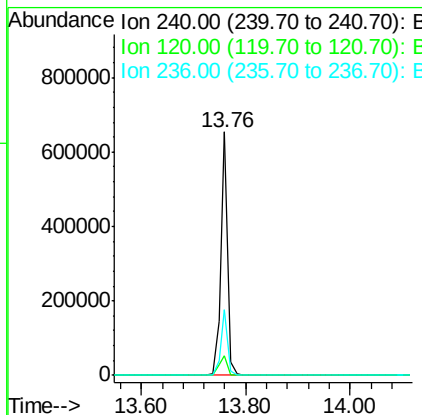
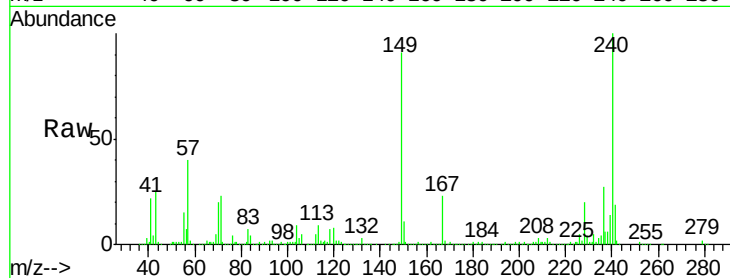
ClientSampleId :

SSTDIC050

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.3	5.7	8.5
236	26.9	21.3	31.9

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9/1/2016 11:51:52 AM



#76

Benzidine

Concen: 44.82 ng

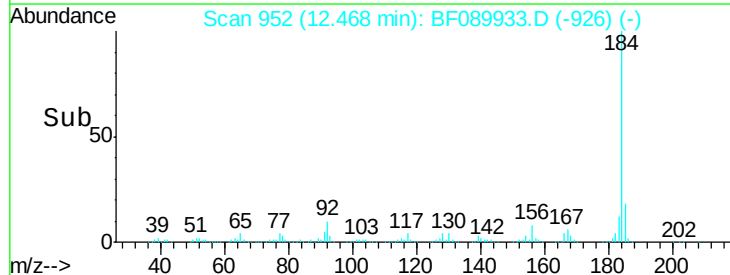
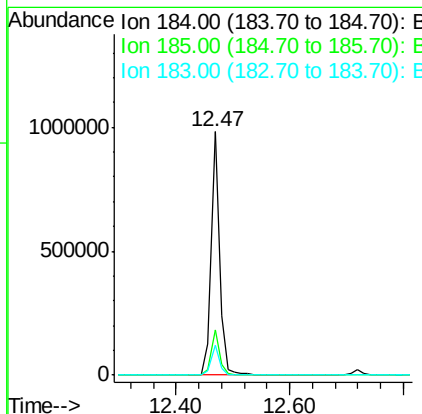
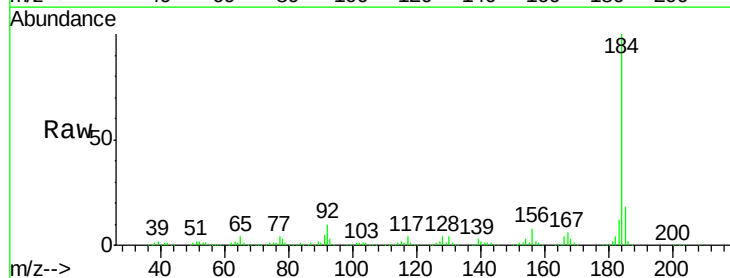
RT: 12.47 min Scan# 952

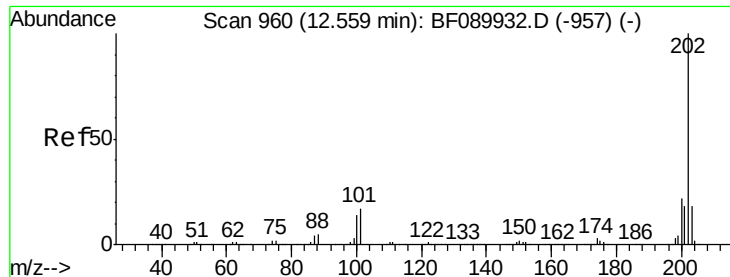
Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Tgt Ion	Ratio	Lower	Upper
184	100		
185	18.4	13.8	20.8
183	12.0	9.6	14.4





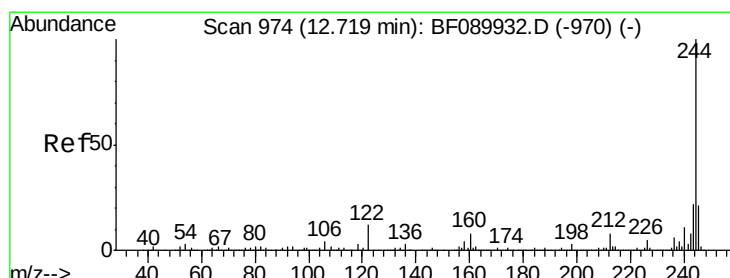
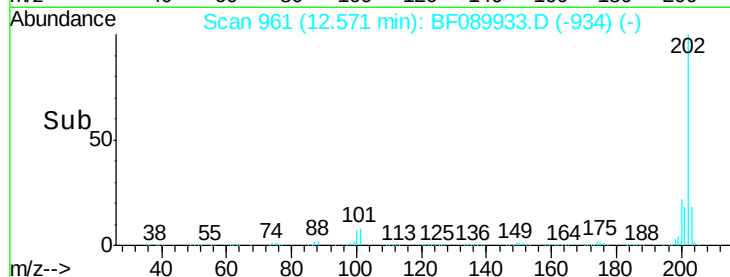
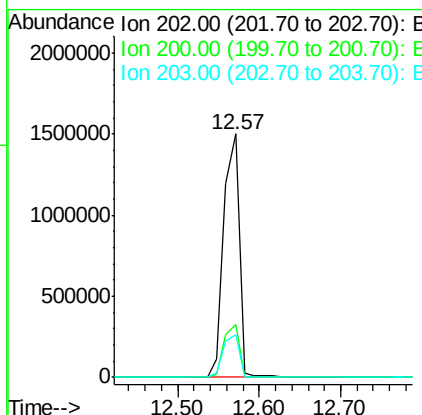
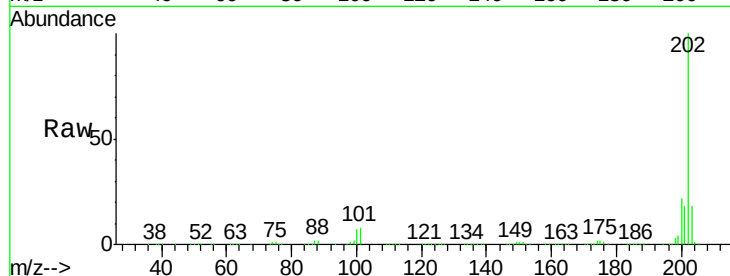
#77
Pyrene
 Concen: 47.99 ng
 RT: 12.57 min Scan# 961
 Delta R.T. 0.01 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	17.6	14.6	21.8

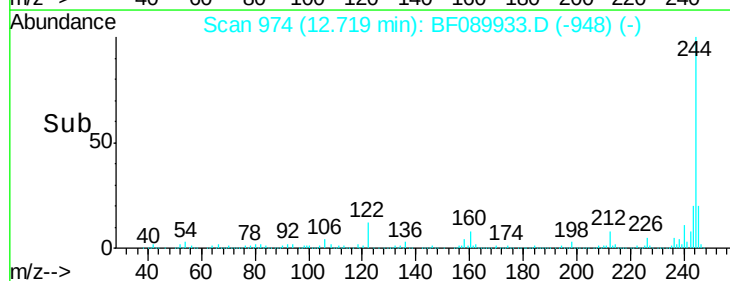
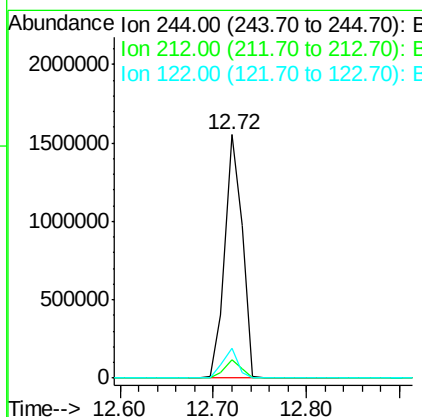
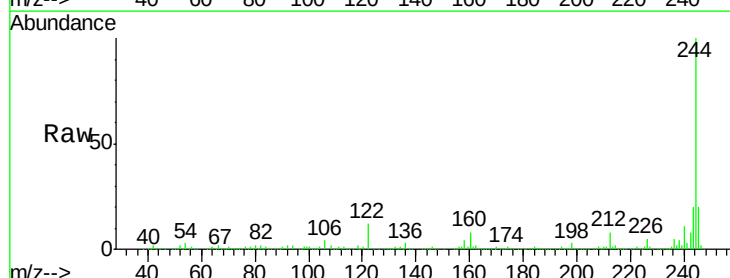
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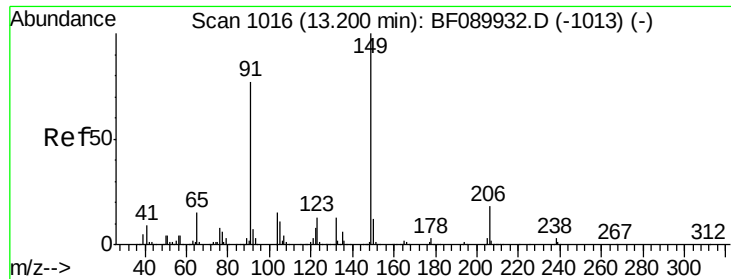
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 9/1/2016 11:51:52 AM



#78
Terphenyl-d14
 Concen: 42.51 ng
 RT: 12.72 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	12.3	9.6	14.4





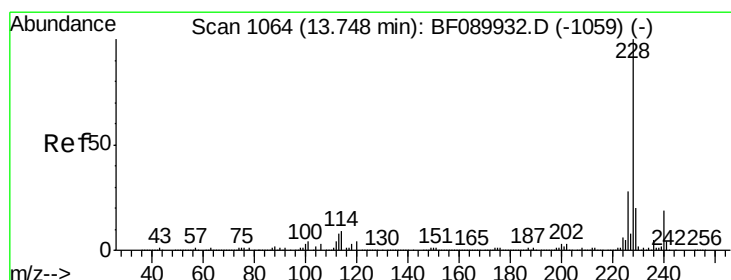
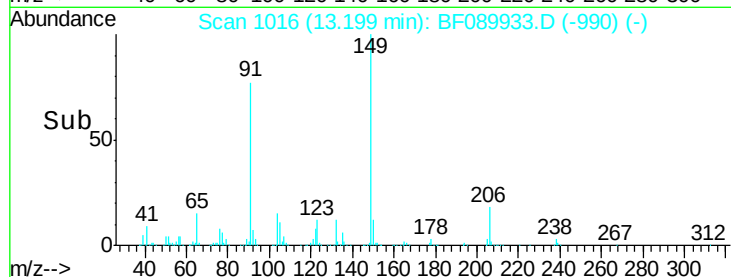
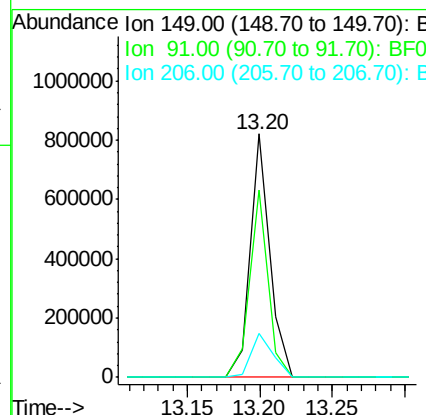
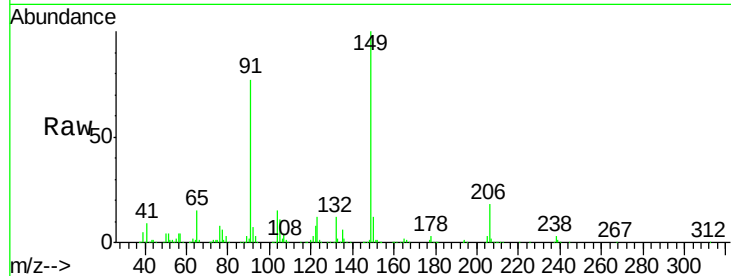
#79
Butylbenzylphthalate
Concen: 47.49 ng
RT: 13.20 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	770918		
91	76.9	60.0	90.0	
206	18.2	15.1	22.7	

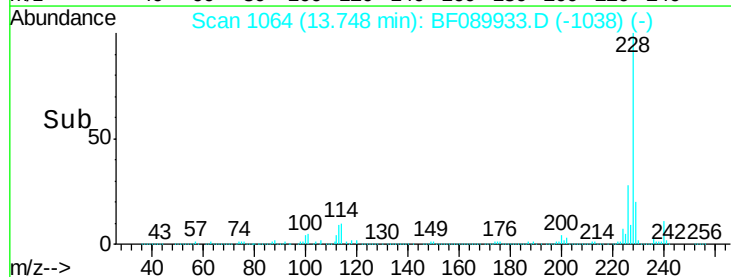
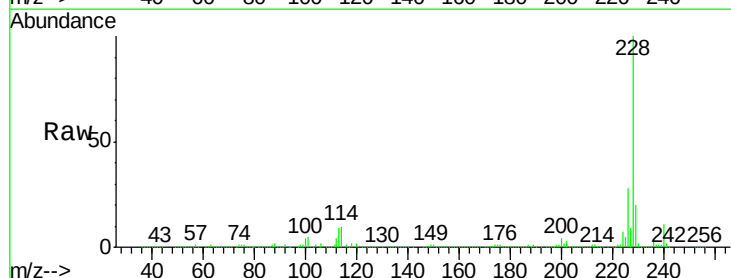
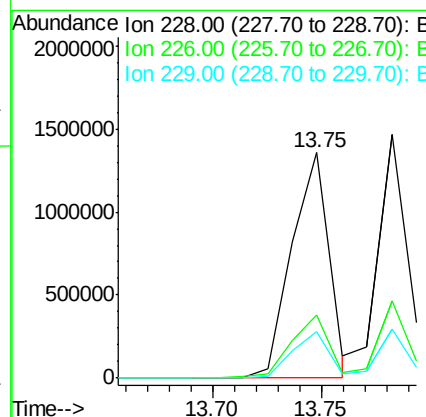
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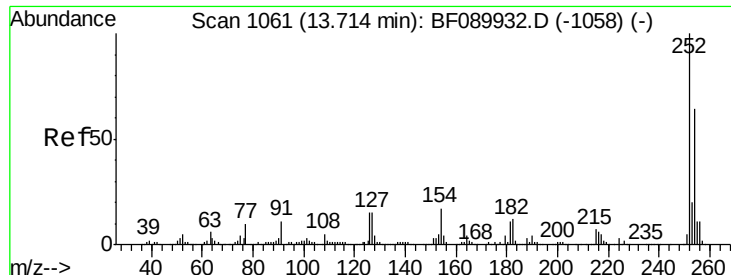
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#80
Benzo(a)anthracene
Concen: 45.74 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1622479		
226	28.3	22.2	33.2	
229	20.4	15.8	23.6	





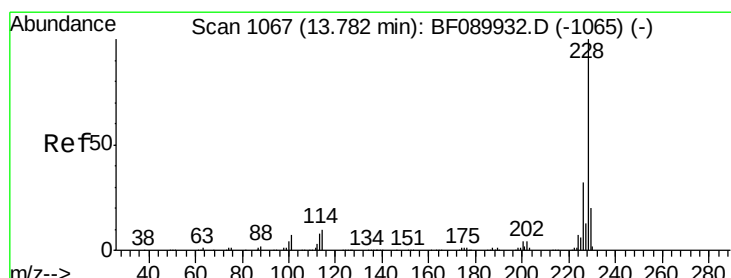
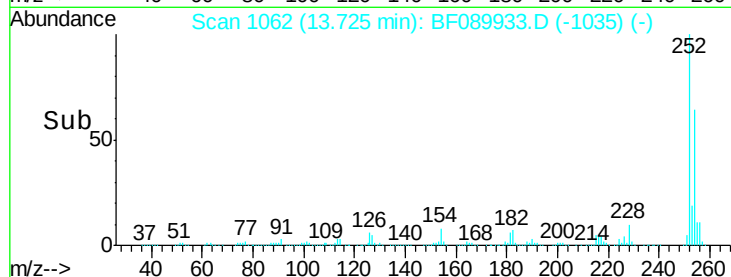
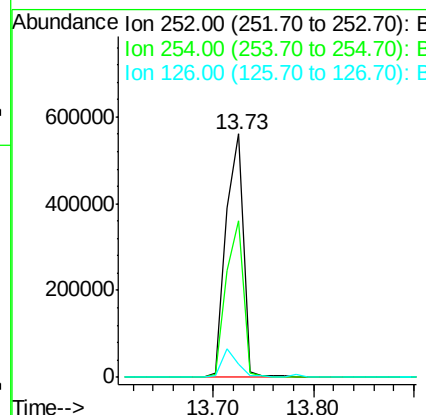
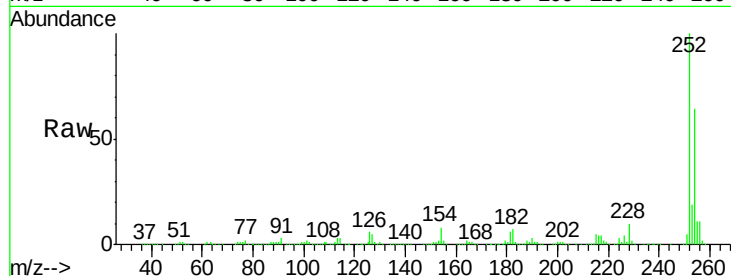
#81
 3,3'-Dichlorobenzidine
 Concen: 53.00 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.01 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.5	51.3	76.9
126	5.6	12.3	18.5

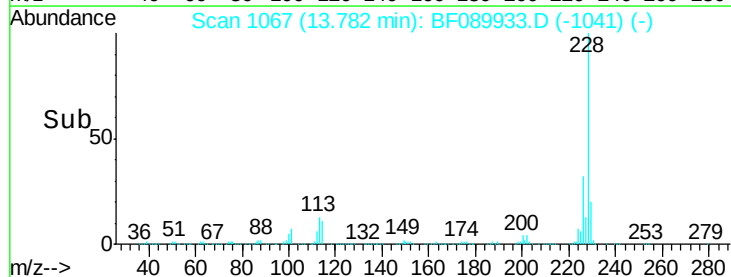
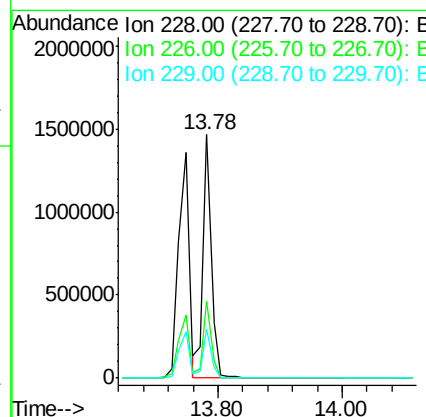
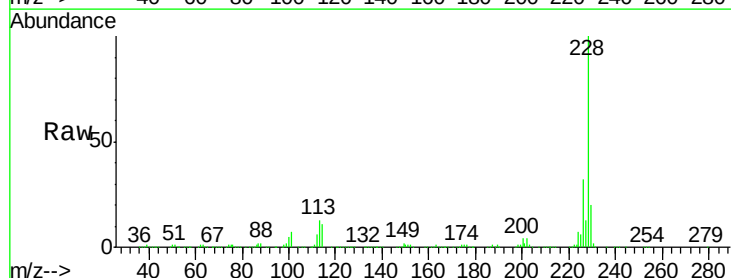
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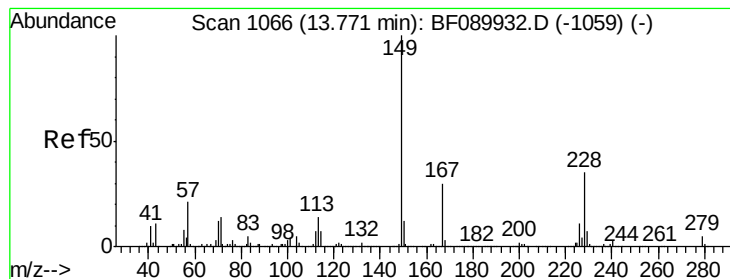
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 9/1/2016 11:51:52 AM



#82
 Chrysene
 Concen: 44.57 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.8	25.2	37.8
229	20.4	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.36 ng

RT: 13.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:149 Resp: 1114964

Ion Ratio Lower Upper

149 100

167 29.0 23.6 35.4

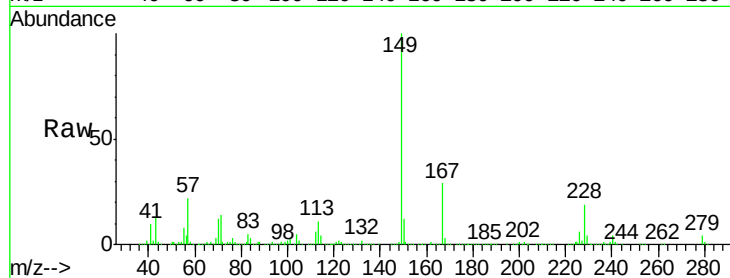
279 4.3 3.4 5.2

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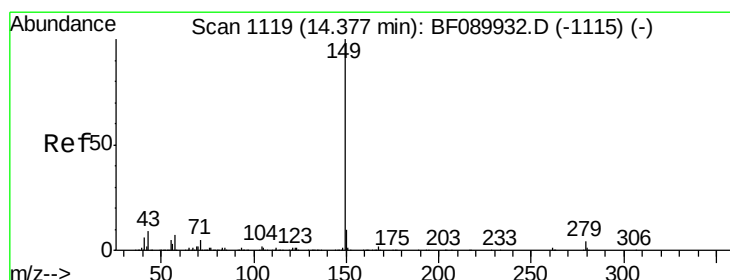
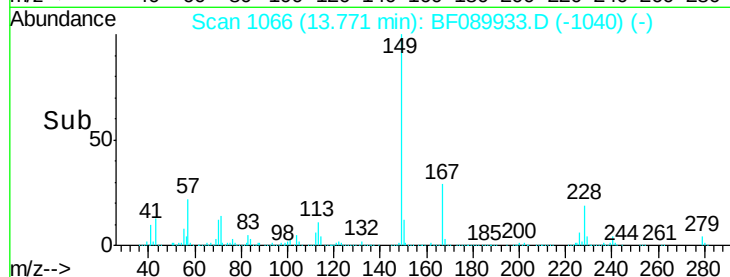
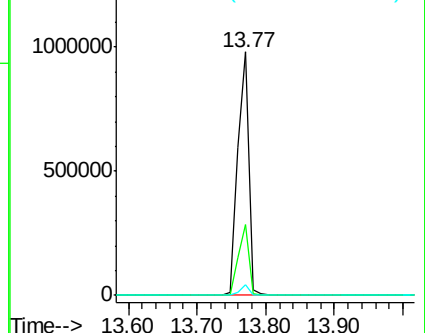
9/1/2016 11:51:52 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.70 ng

RT: 14.38 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

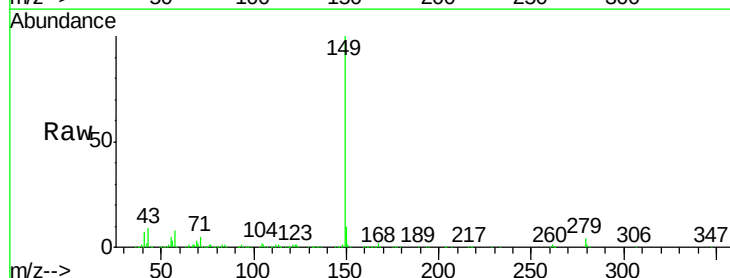
Tgt Ion:149 Resp: 1965716

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

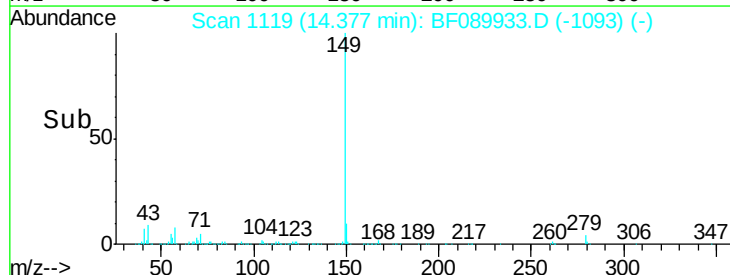
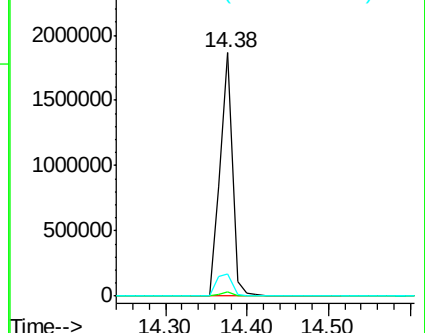
43 11.9 9.3 13.9

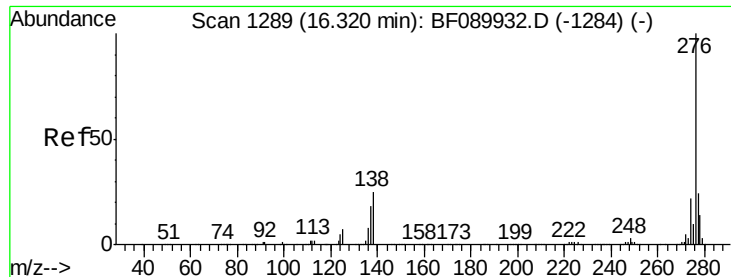


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





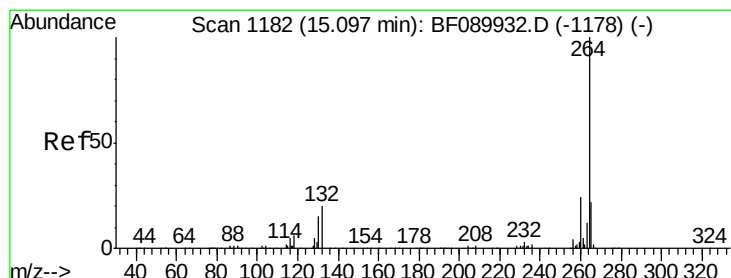
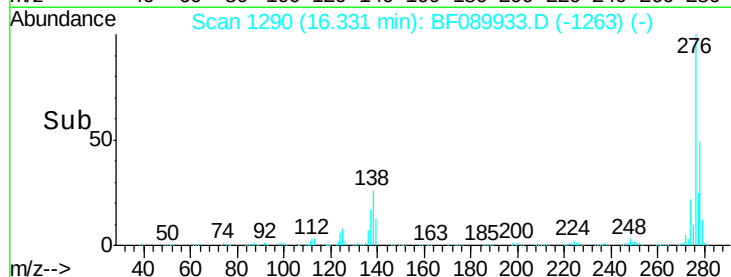
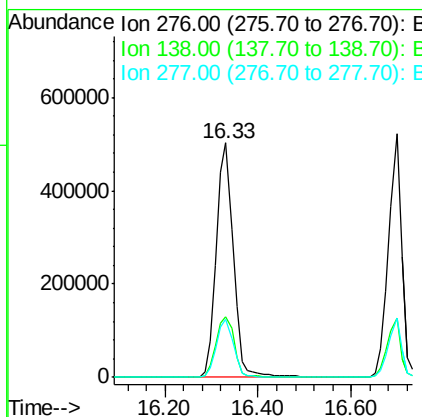
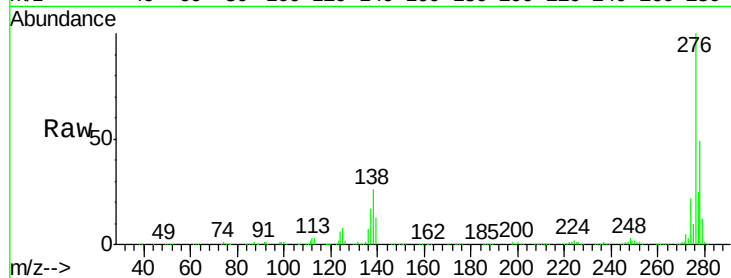
#85
Indeno(1,2,3-cd)pyrene
Concen: 52.50 ng
RT: 16.33 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.3	22.6	34.0
277	25.1	20.1	30.1

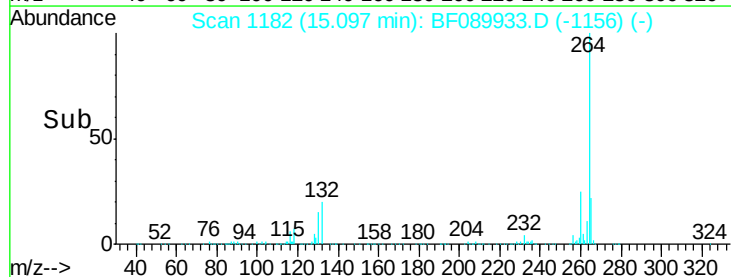
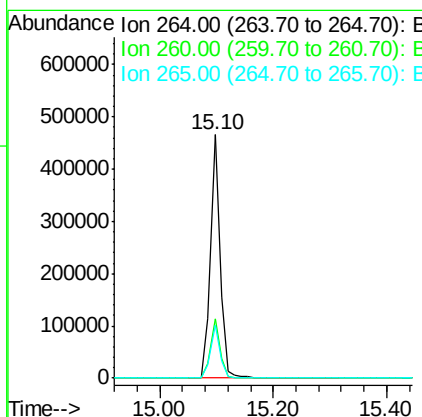
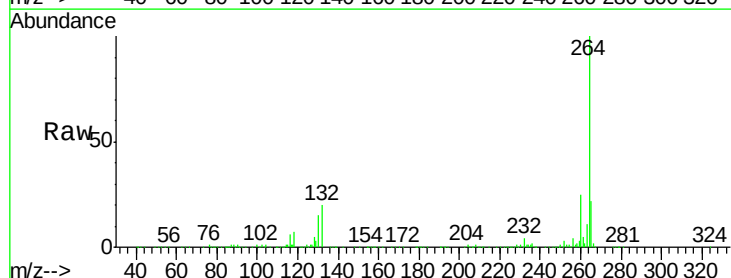
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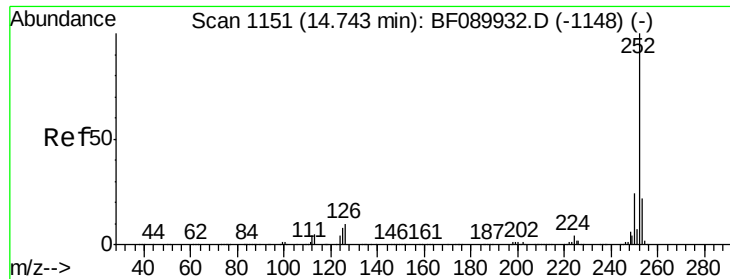
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9/1/2016 11:51:52 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	21.6	17.4	26.2





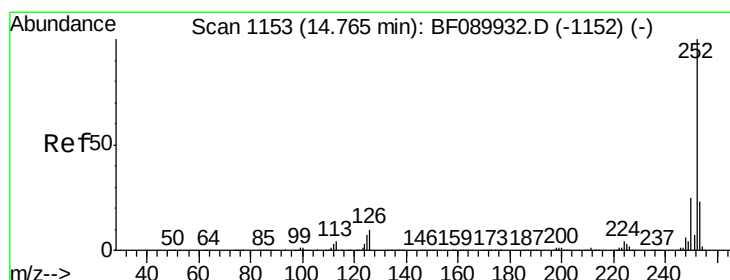
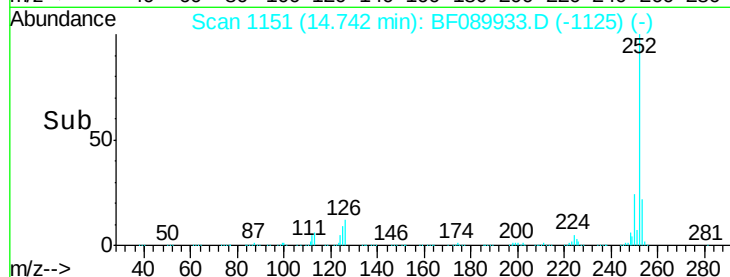
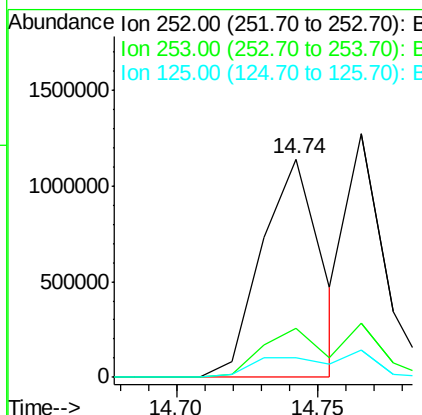
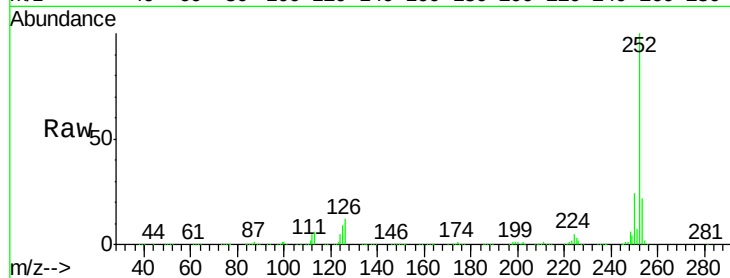
#87
Benzo(b)fluoranthene
Concen: 50.70 ng m
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:252 Resp: 1665193
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 9.1 5.7 8.5#

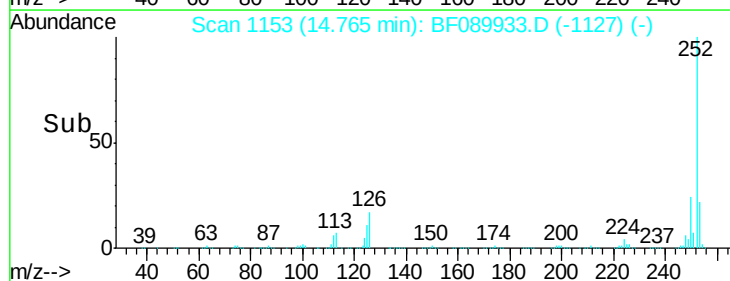
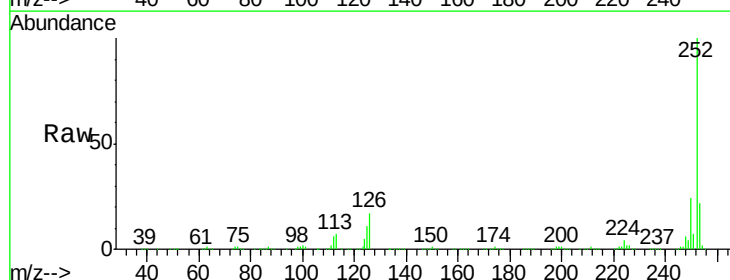
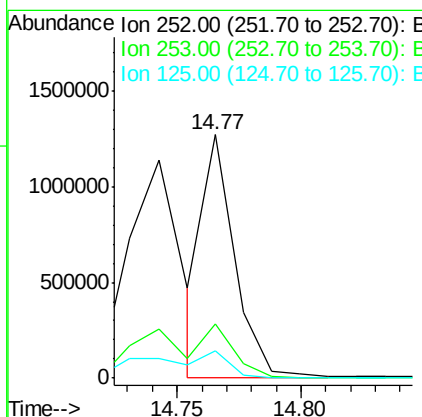
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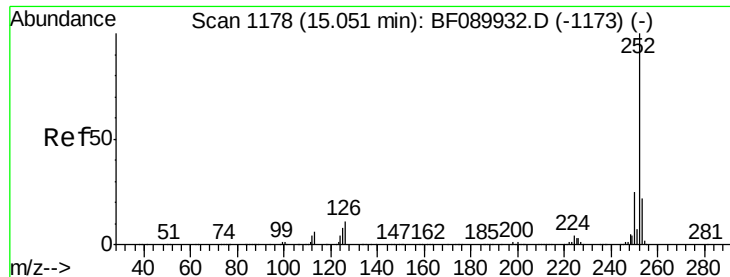
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9/1/2016 11:51:52 AM



#88
Benzo(k)fluoranthene
Concen: 41.58 ng m
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Tgt Ion:252 Resp: 1154971
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 11.3 7.3 10.9#





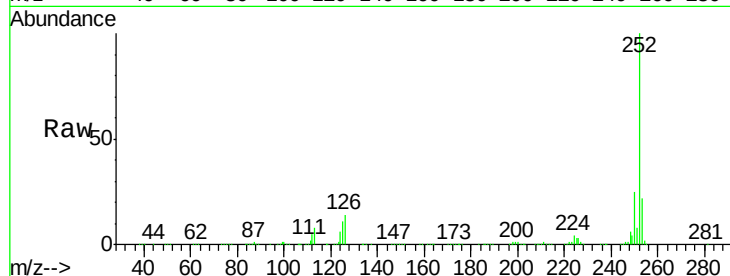
#89
Benzo(a)pyrene
Concen: 49.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

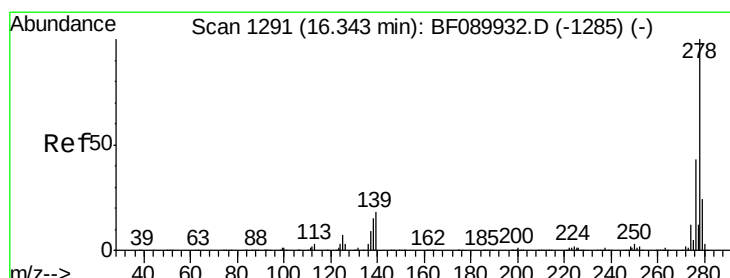
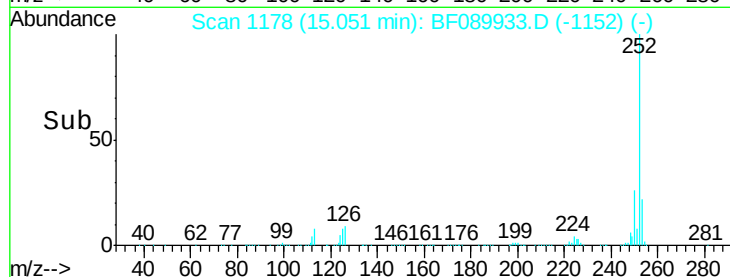
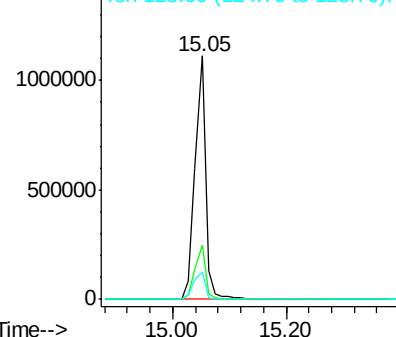
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	11.0	6.3	9.5

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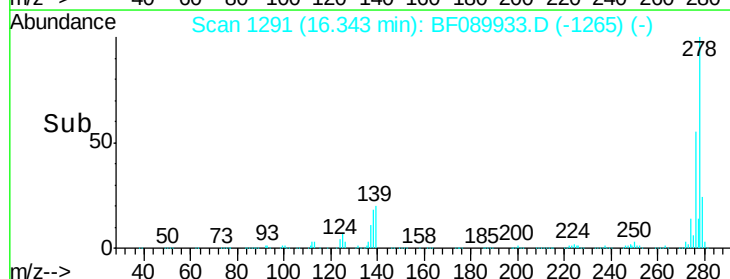
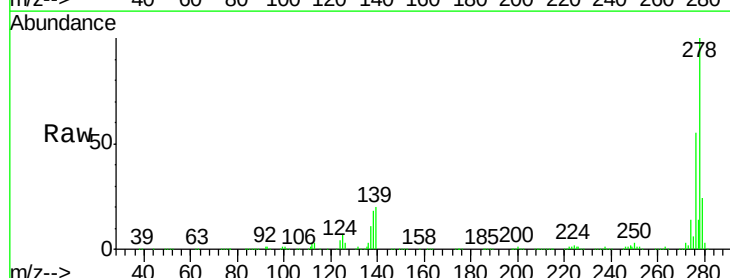
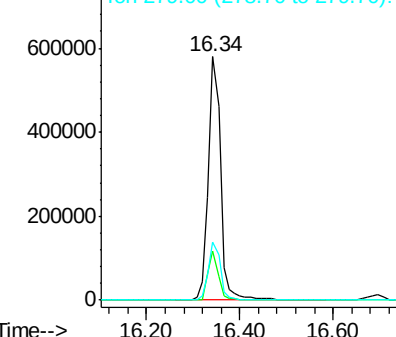
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

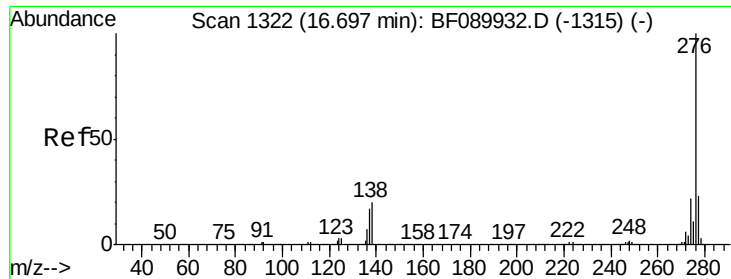


#90
Dibenzo(a,h)anthracene
Concen: 48.83 ng
RT: 16.34 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.2	13.4	20.2
279	23.9	19.4	29.2

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 48.27 ng

RT: 16.70 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 276 Resp: 1028625

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.4

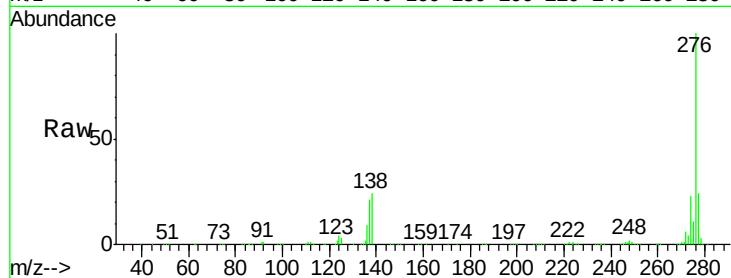
138 24.2 16.4 24.6

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9/1/2016 11:51:52 AM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

