

Data Path : Z:\HPCHEM1\BNA F\Data\BF083116\
 Data File : BF089938.D
 Acq On : 31 Aug 2016 9:12
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

SOHIL
 9/1/2016 11:52:25 AM

Quant Time: Aug 31 15:44:14 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 11:55:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	200045	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	821421	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	429626	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	847662	20.00	ng	0.00
75) Chrysene-d12	13.76	240	611221	20.00	ng	0.00
86) Perylene-d12	15.10	264	563351	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1035946	82.89	ng	0.00
7) Phenol-d6	6.28	99	1228683	80.91	ng	0.01
23) Nitrobenzene-d5	7.21	82	1072292	75.71	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	359564	84.83	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1943052	74.24	ng	0.00
78) Terphenyl-d14	12.72	244	1724226	69.69	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.10	88	223210	37.70	ng	98
3) Pyridine	2.72	79	665995	42.16	ng	98
4) n-Nitrosodimethylamine	2.68	42	297199	38.15	ng	100
6) Aniline	6.30	93	781301	37.71	ng	90
8) 2-Chlorophenol	6.42	128	540200	39.84	ng	99
9) Benzaldehyde	6.18	77	386828	39.48	ng	98
10) Phenol	6.30	94	720855	40.82	ng	94
11) bis(2-Chloroethyl)ether	6.38	93	494806	37.03	ng	100
12) 1,3-Dichlorobenzene	6.58	146	588082	38.83	ng	99
13) 1,4-Dichlorobenzene	6.65	146	576073	37.18	ng	100
14) 1,2-Dichlorobenzene	6.81	146	574780	41.38	ng	99
15) Benzyl Alcohol	6.79	79	374890	39.41	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.92	45	1067991	41.91	ng	100
17) 2-Methylphenol	6.90	107	447697	41.35	ng	99
18) Hexachloroethane	7.15	117	212977	40.13	ng	100
19) n-Nitroso-di-n-propylamine	7.07	70	419137	42.35	ng	95
20) 3+4-Methylphenols	7.06	107	456635	34.79	ng	92
22) Acetophenone	7.06	105	728755	39.55	ng	# 97
24) Nitrobenzene	7.22	77	563388	37.41	ng	98
25) Isophorone	7.47	82	1119643	38.87	ng	100
26) 2-Nitrophenol	7.54	139	275875	38.33	ng	97
27) 2,4-Dimethylphenol	7.59	122	525611	39.48	ng	100
28) bis(2-Chloroethoxy)methane	7.69	93	707184	40.71	ng	100
29) 2,4-Dichlorophenol	7.78	162	454968	38.12	ng	100
30) 1,2,4-Trichlorobenzene	7.87	180	537588	41.19	ng	99
31) Naphthalene	7.94	128	1447069	35.36	ng	100
32) Benzoic acid	7.74	122	375098	41.82	ng	98
33) 4-Chloroaniline	8.00	127	661117	40.04	ng	99
34) Hexachlorobutadiene	8.07	225	293170	38.34	ng	99
35) Caprolactam	8.38	113	142624	37.86	ng	93
36) 4-Chloro-3-methylphenol	8.49	107	538203	42.57	ng	94
37) 2-Methylnaphthalene	8.64	142	1103044	40.79	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	460278	36.57	ng	99
40) Hexachlorocyclopentadiene	8.80	237	275892	42.75	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	365084	41.86	nq	99
43) 2,4,5-Trichlorophenol	8.95	196	317188	37.82	nq	99
45) 1,1'-Biphenyl	9.10	154	1282280	37.07	nq	100
46) 2-Chloronaphthalene	9.12	162	928847	37.96	nq	100
47) 2-Nitroaniline	9.22	65	334582	41.83	nq	# 56
48) Acenaphthylene	9.53	152	1513360	37.40	nq	100
49) Dimethylphthalate	9.42	163	1242081	40.00	nq	# 98
50) 2,6-Dinitrotoluene	9.46	165	255029	36.93	nq	92
51) Acenaphthene	9.70	154	939811	36.66	nq	100
52) 3-Nitroaniline	9.63	138	352778	44.79	nq	# 73
53) 2,4-Dinitrophenol	9.74	184	138191	40.39	nq	# 52
54) Dibenzofuran	9.87	168	1304710	37.98	nq	99
55) 4-Nitrophenol	9.79	139	286284	48.19	nq	85
56) 2,4-Dinitrotoluene	9.86	165	367984	42.02	nq	92
57) Fluorene	10.22	166	1032871	41.15	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	275850	38.42	nq	98
59) Diethylphthalate	10.10	149	1143659	39.15	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	489630	41.45	nq	95
61) 4-Nitroaniline	10.24	138	318836	41.20	nq	90
62) Azobenzene	10.36	77	1138519	39.02	nq	99
64) 4,6-Dinitro-2-methylphenol	10.26	198	198229	36.53	nq	88
65) n-Nitrosodiphenylamine	10.33	169	901970	35.39	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	326626	38.28	nq	97
67) Hexachlorobenzene	10.75	284	350790	35.99	nq	97
68) Atrazine	10.87	200	356393	41.89	nq	92
69) Pentachlorophenol	10.95	266	229107	43.69	nq	99
70) Phenanthrene	11.17	178	1555387	36.85	nq	100
71) Anthracene	11.21	178	1571919	36.72	nq	99
72) Carbazole	11.37	167	1420932	35.39	nq	99
73) Di-n-butylphthalate	11.71	149	1829617	39.10	nq	100
74) Fluoranthene	12.34	202	1741290	39.36	nq	99
76) Benzidine	12.47	184	921726	39.81	nq	100
77) Pyrene	12.56	202	1695935	39.35	nq	100
79) Butylbenzylphthalate	13.20	149	700021	40.28	nq	99
80) Benzo(a)anthracene	13.75	228	1466484	39.17	nq	99
81) 3,3'-Dichlorobenzidine	13.71	252	551071	40.78	nq	100
82) Chrysene	13.78	228	1326528	37.93	nq	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	1005283	41.82	nq	99
84) Di-n-octyl phthalate	14.38	149	1765761	45.51	nq	99
85) Indeno(1,2,3-cd)pyrene	16.33	276	1146998	44.37	nq	99
87) Benzo(b)fluoranthene	14.74	252	1548495m	43.88	nq	
88) Benzo(k)fluoranthene	14.77	252	1024324m	34.20	nq	
89) Benzo(a)pyrene	15.05	252	1239166	40.98	nq	100
90) Dibenzo(a,h)anthracene	16.34	278	937731	42.33	nq	97
91) Benzo(g,h,i)perylene	16.70	276	920355	41.27	nq	97

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

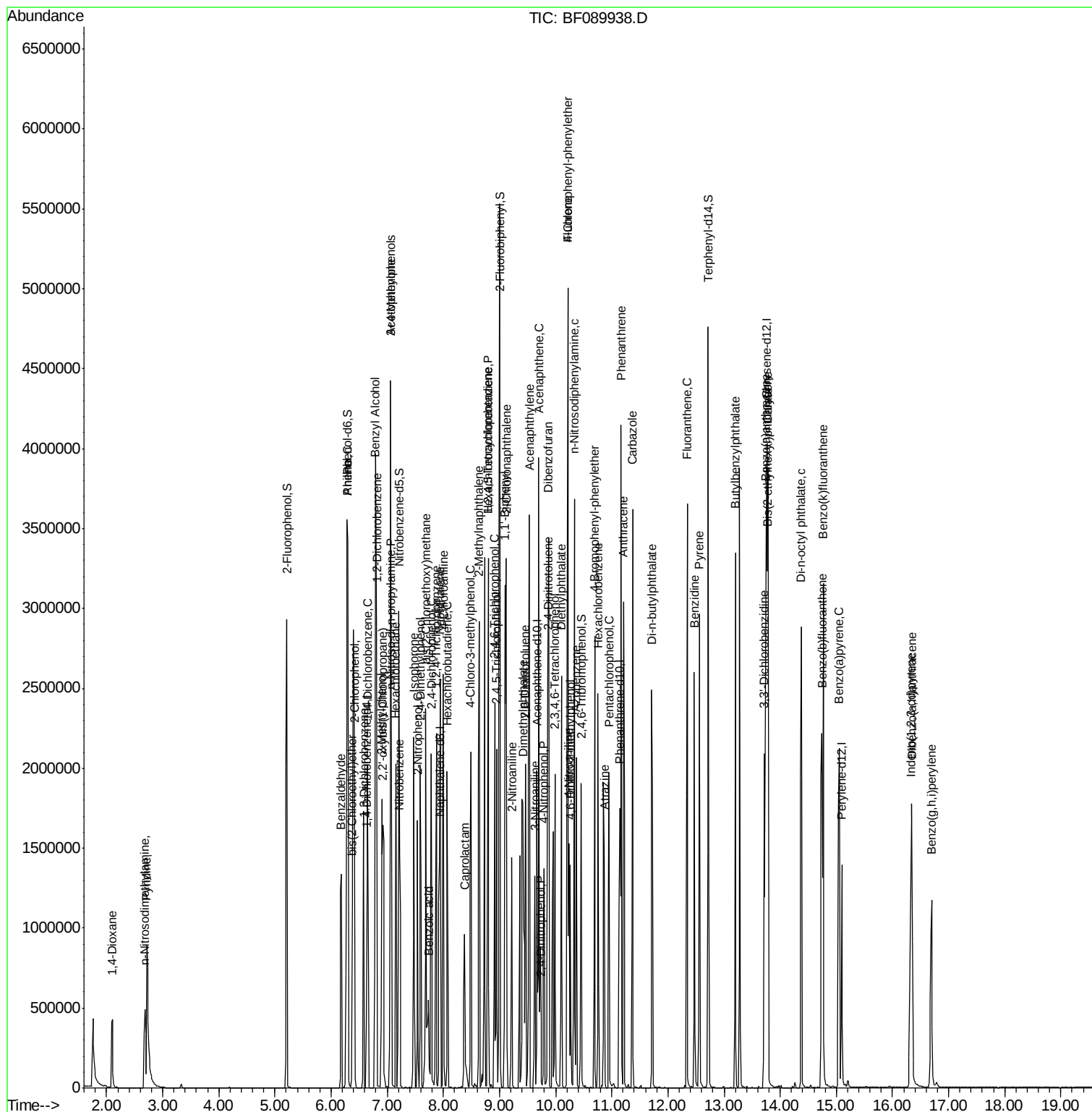
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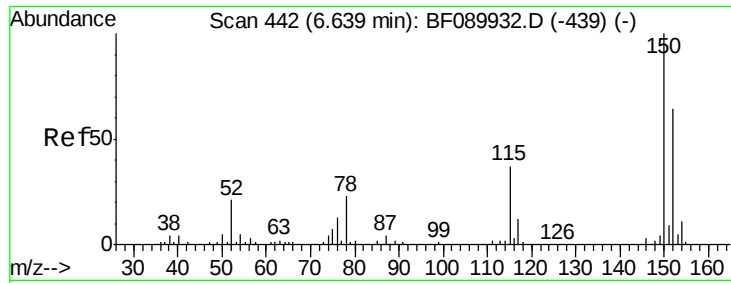
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#1

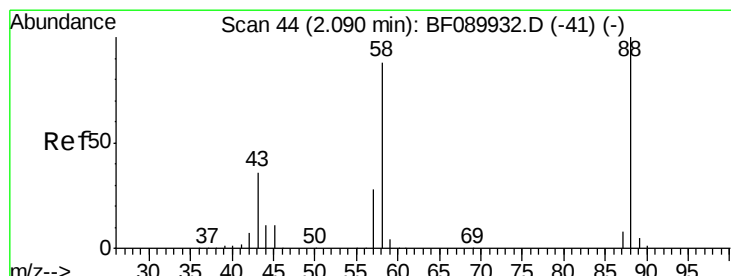
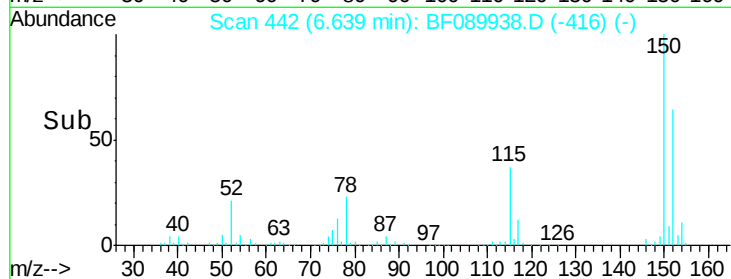
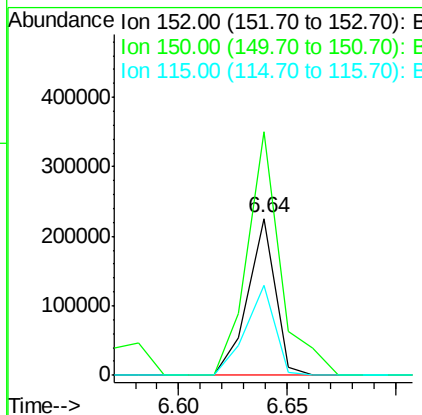
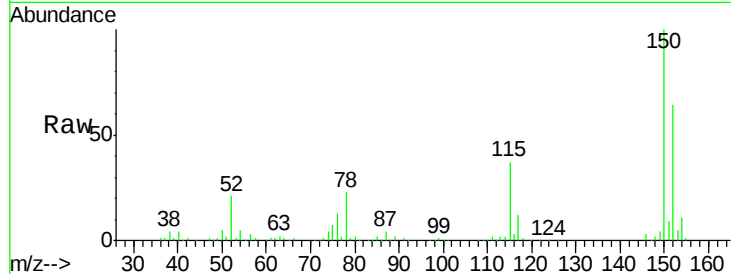
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	127.4	191.2
115	57.1	46.3	69.5

Manual Integrations
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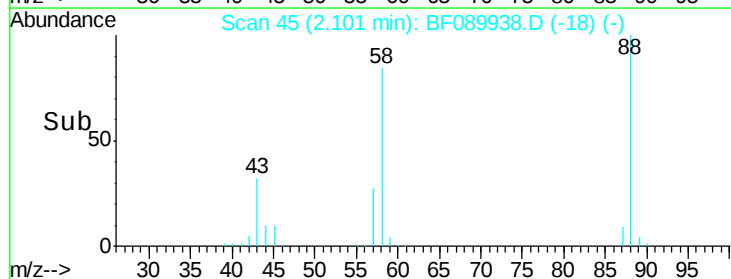
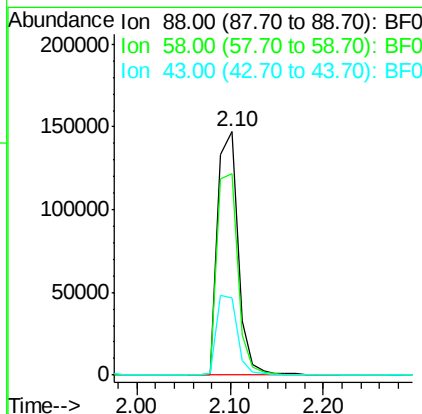
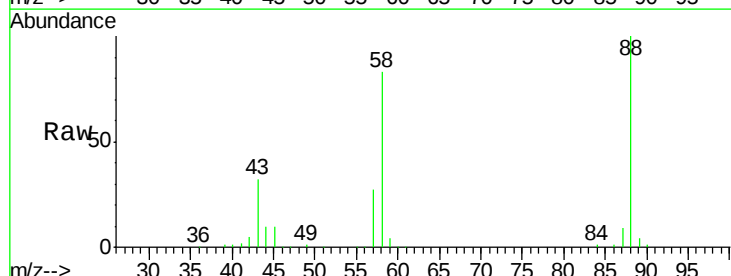
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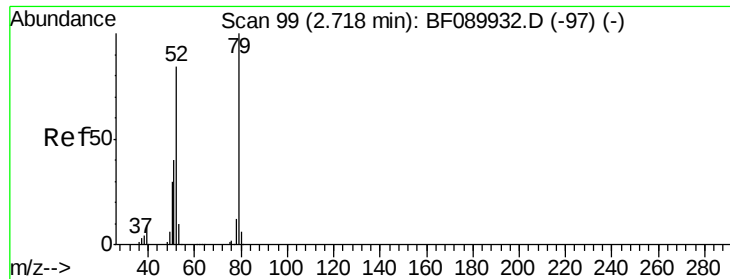


#2

1,4-Dioxane
Concen: 37.70 ng
RT: 2.10 min Scan# 45
Delta R.T. 0.01 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.4	68.8	103.2
43	33.3	27.0	40.6





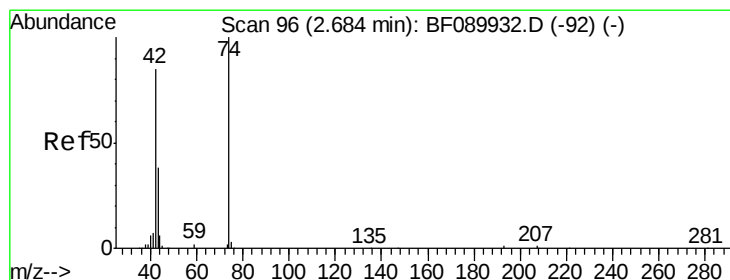
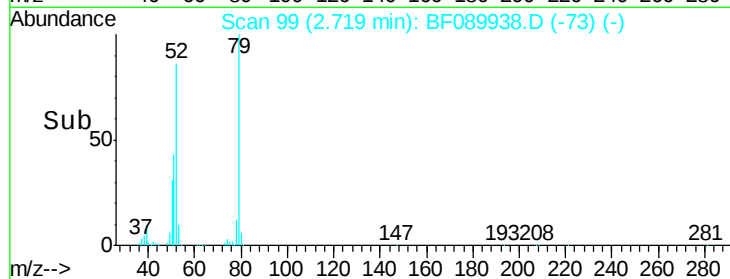
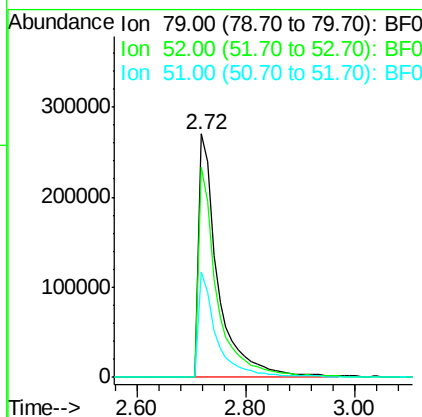
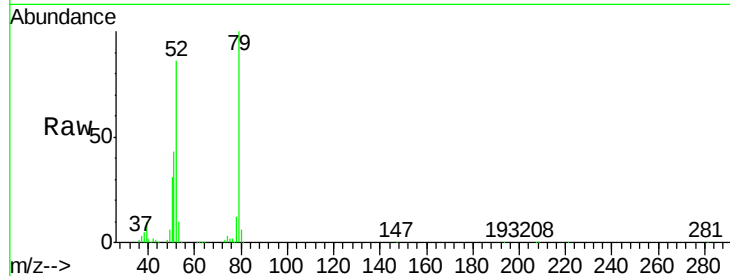
#3
 Pvridine
 Concen: 42.16 ng
 RT: 2.72 min Scan# 99
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	86.5	67.8	101.6
51	43.1	32.9	49.3

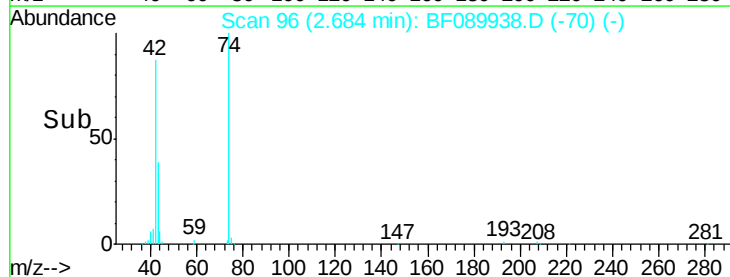
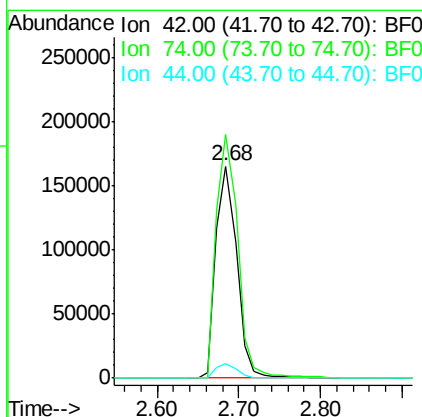
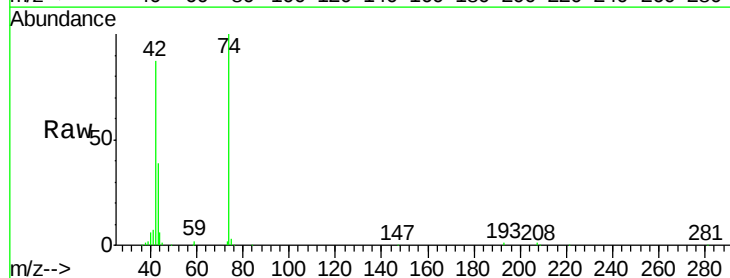
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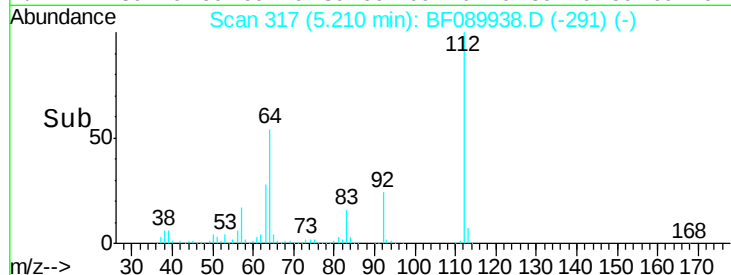
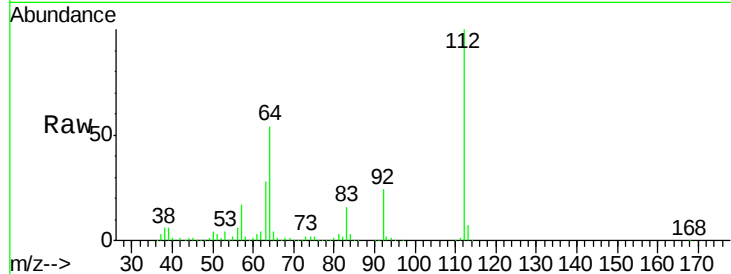
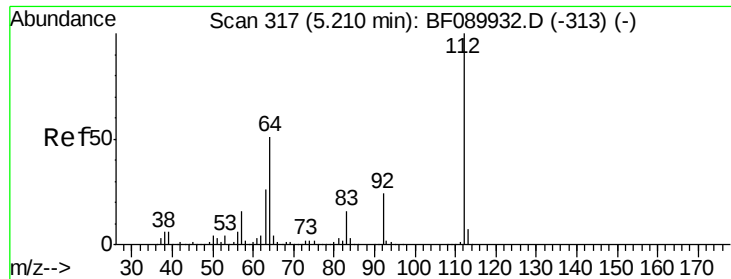
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#4
 n-Nitrosodimethylamine
 Concen: 38.15 ng
 RT: 2.68 min Scan# 96
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	114.7	92.0	138.0
44	6.9	5.8	8.8





#5

2-Fluorophenol

Concen: 82.89 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Tot Ion:	112	Resp:	1035946
Ion	Ratio	Lower	Upper
112	100		
64	54.0	41.1	61.7
63	27.7	21.2	31.8

Instrument :

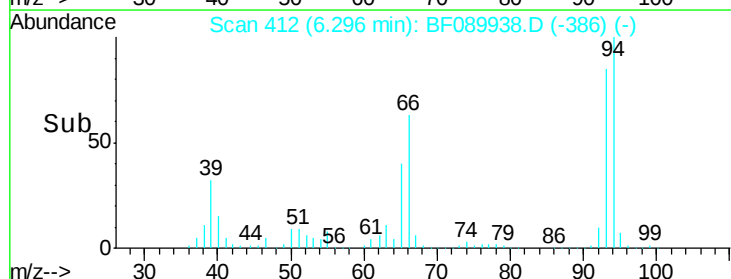
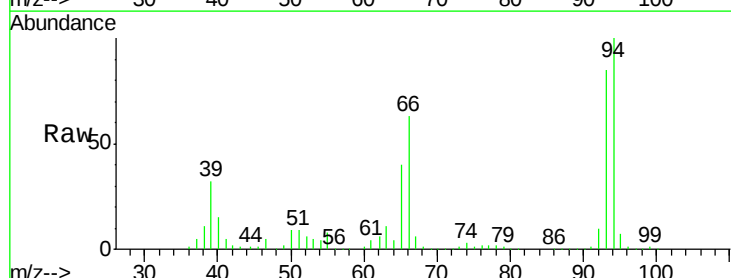
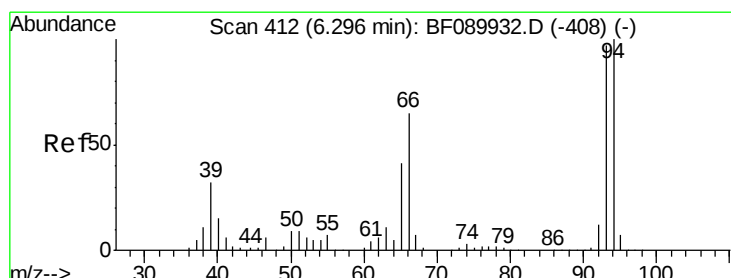
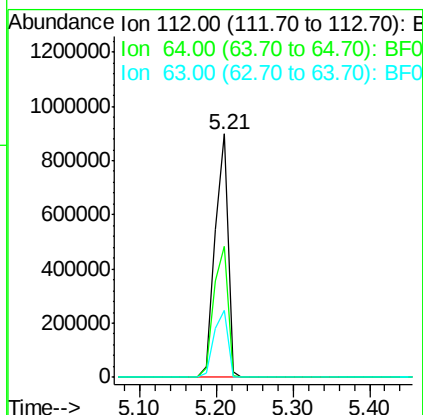
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
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#6

Aniline

Concen: 37.71 ng

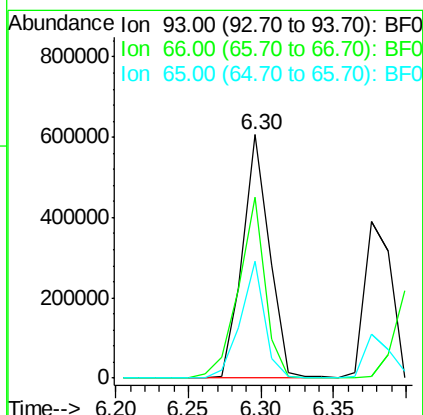
RT: 6.30 min Scan# 412

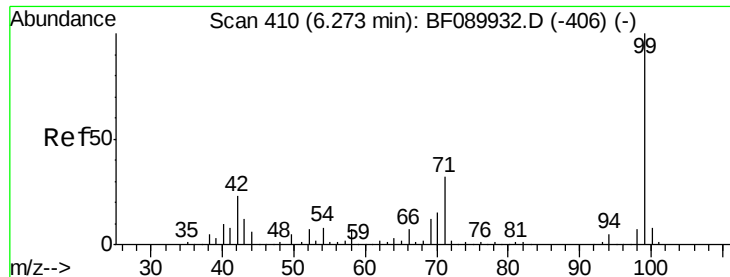
Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Tgt Ion:	93	Resp:	781301
Ion	Ratio	Lower	Upper
93	100		
66	74.2	52.9	79.3
65	47.9	33.0	49.6





#7

Phenol-d6

Concen: 80.91 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1228683

Ion Ratio Lower Upper

99 100

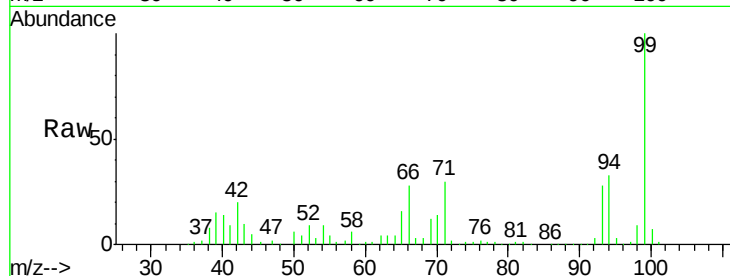
42 19.9 18.6 27.8

71 29.6 25.8 38.6

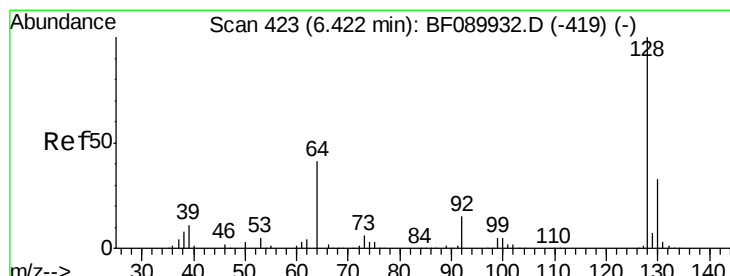
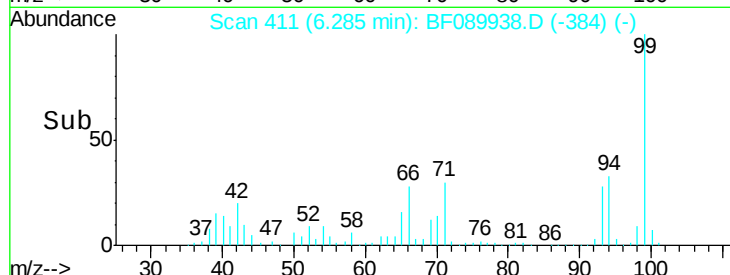
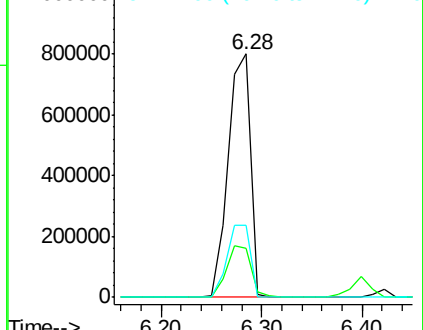
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.84 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

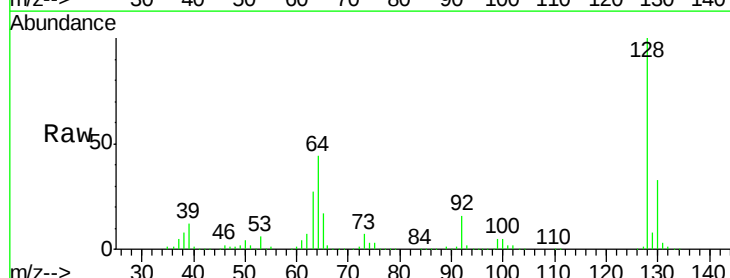
Tgt Ion: 128 Resp: 540200

Ion Ratio Lower Upper

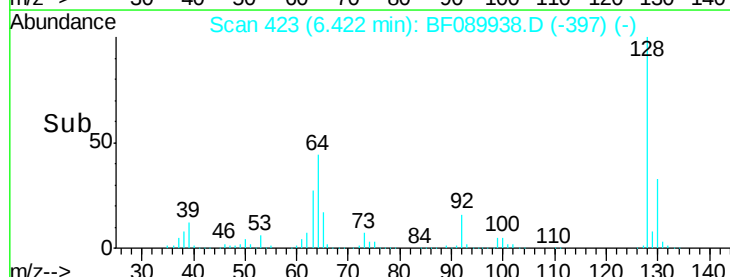
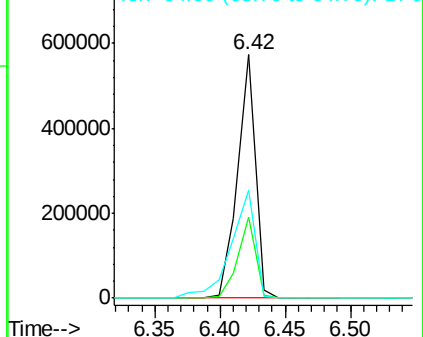
128 100

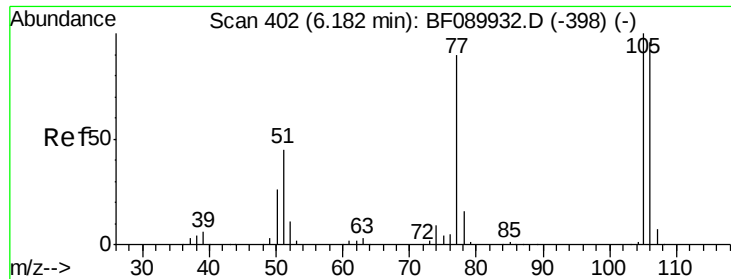
130 33.3 12.8 52.8

64 44.4 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: 39.48 ng

RT: 6.18 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

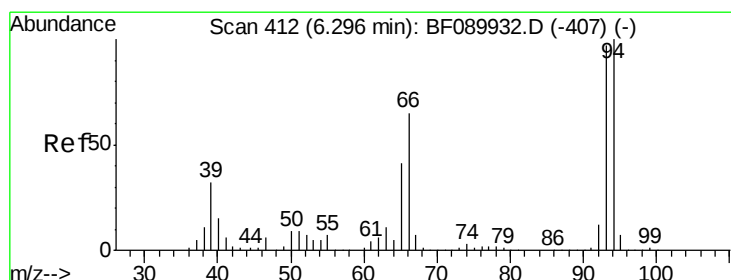
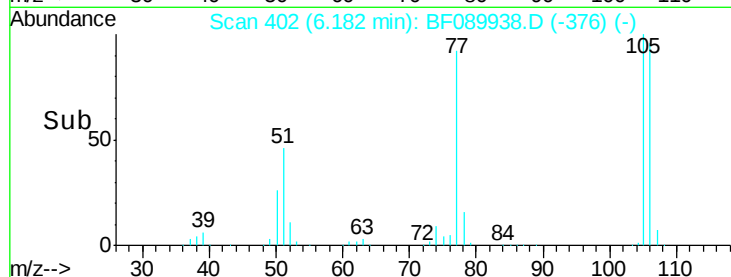
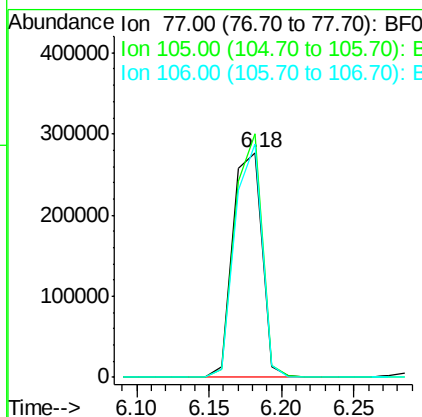
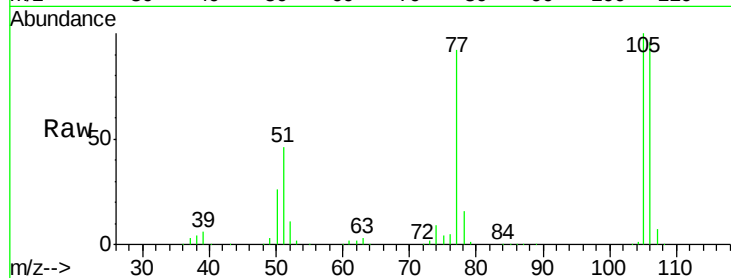
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	386828
Ion Ratio	Lower	Upper	
77	100		
105	108.5	85.4	125.4
106	104.0	83.4	123.4

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#10

Phenol

Concen: 40.82 ng

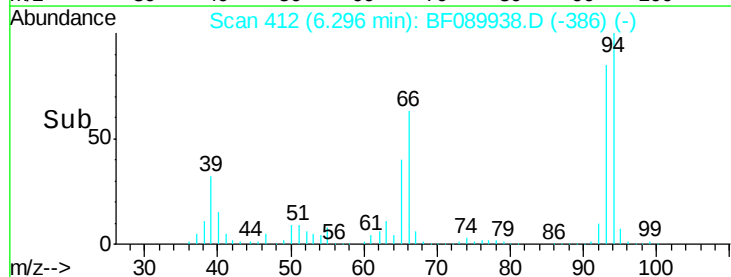
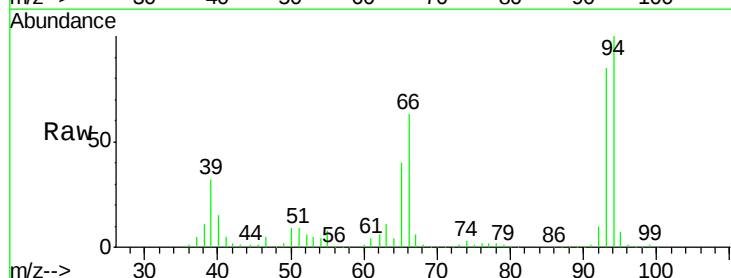
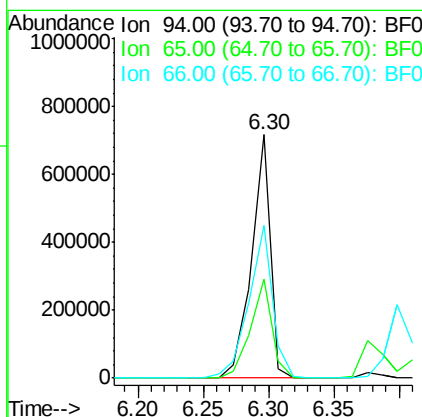
RT: 6.30 min Scan# 412

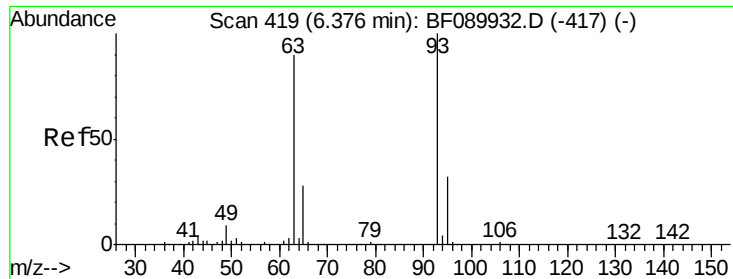
Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Tgt Ion:	94	Resp:	720855
Ion Ratio	Lower	Upper	
94	100		
65	40.5	23.2	63.2
66	62.8	49.2	89.2





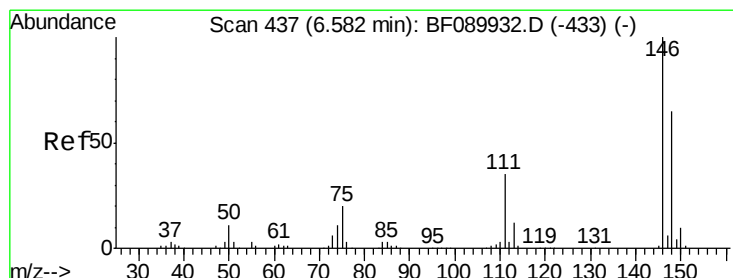
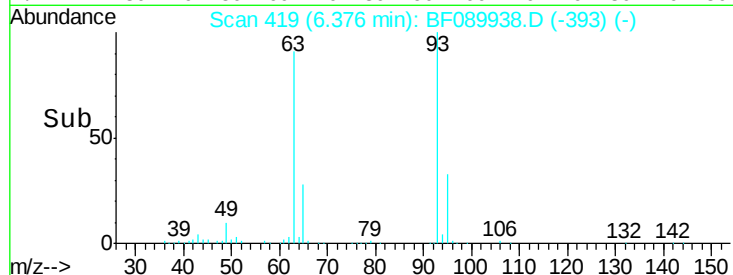
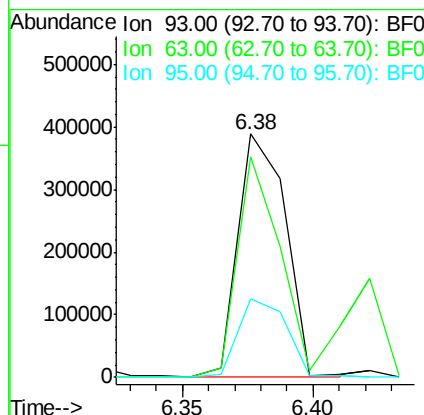
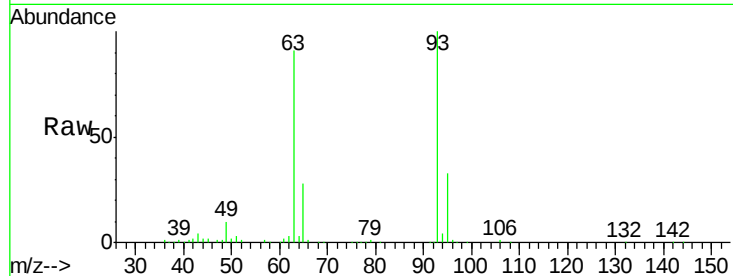
#11
bis(2-Chloroethyl)ether
Concen: 37.03 ng
RT: 6.38 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.7	71.1	111.1
95	32.5	12.4	52.4

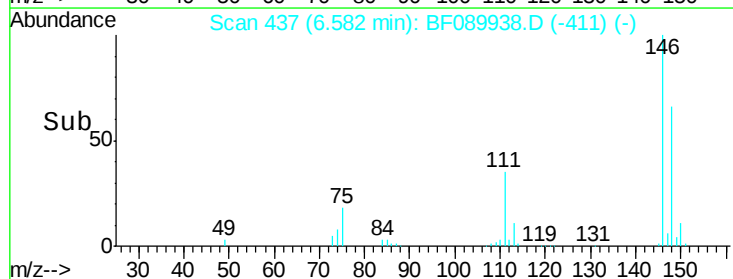
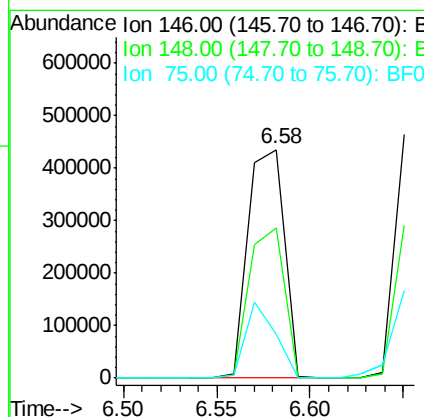
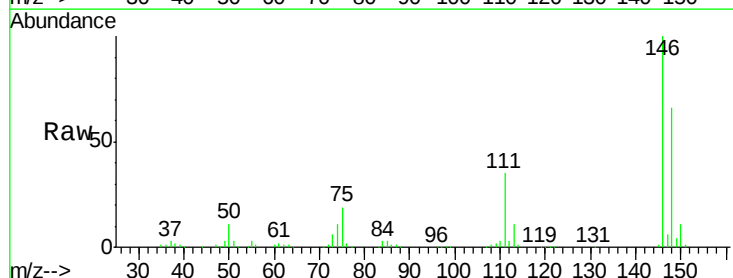
Manual Integrations
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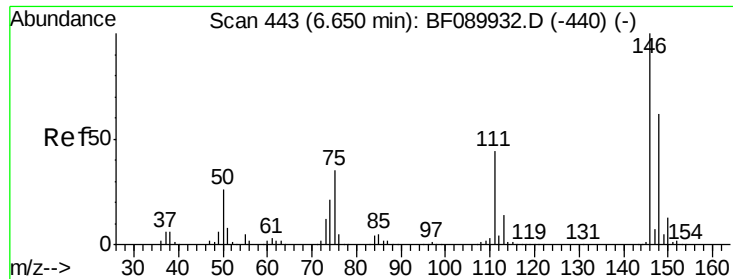
SOHIL
9/1/2016 11:52:25 AM



#12
1,3-Dichlorobenzene
Concen: 38.83 ng
RT: 6.58 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.5	78.7
75	19.1	16.6	24.8





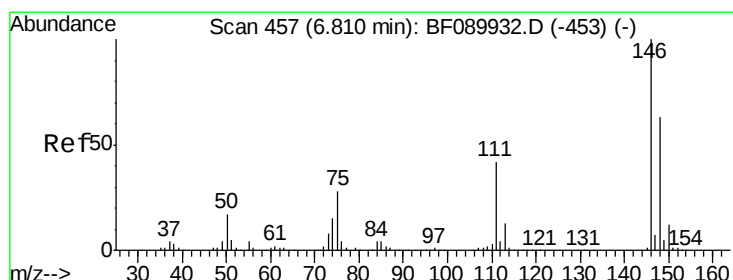
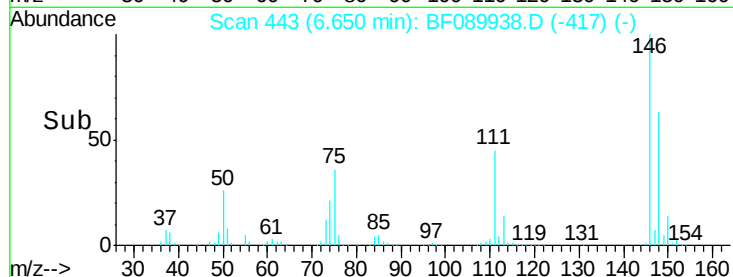
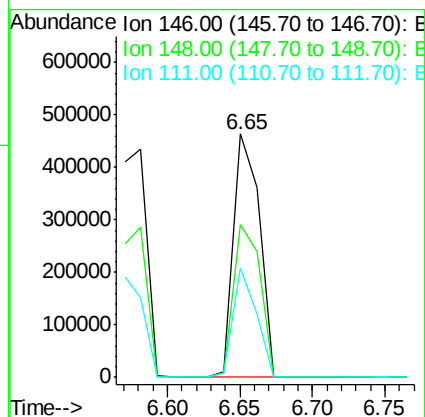
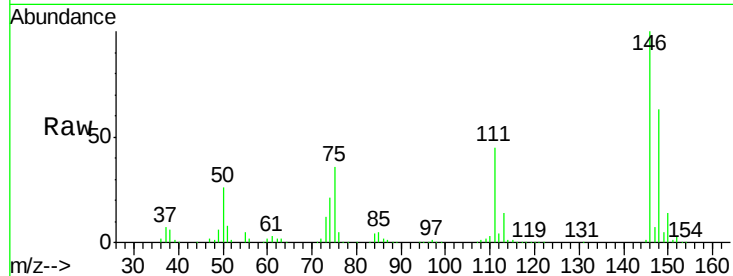
#13
 1,4-Dichlorobenzene
 Concen: 37.18 ng
 RT: 6.65 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.1	75.1
111	44.7	35.8	53.6

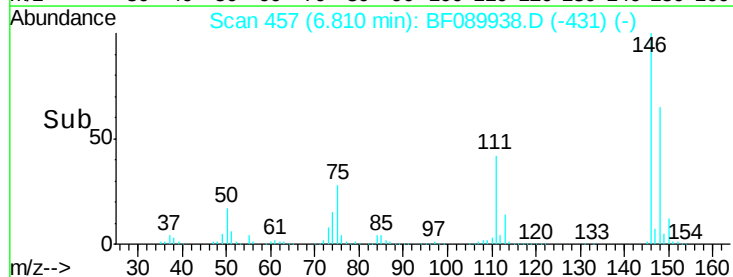
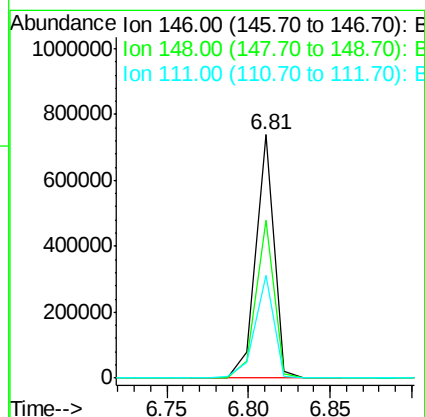
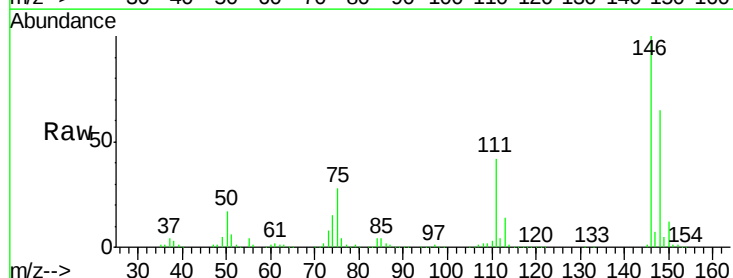
Manual Integrations
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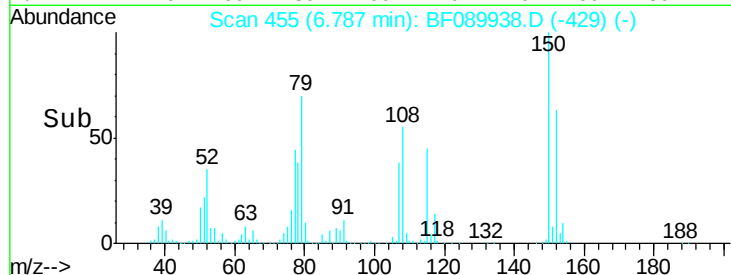
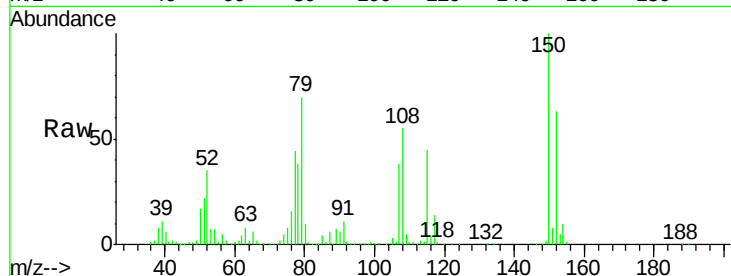
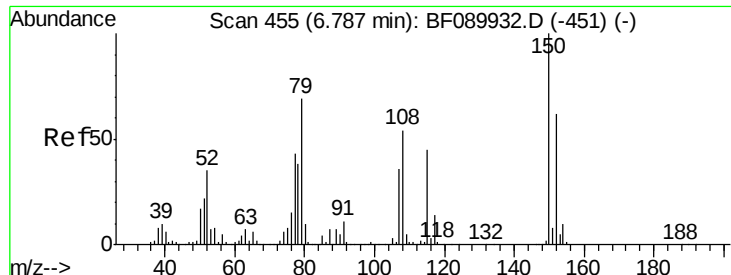
SOHIL
 9/1/2016 11:52:25 AM



#14
 1,2-Dichlorobenzene
 Concen: 41.38 ng
 RT: 6.81 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.2
111	42.4	34.6	51.8





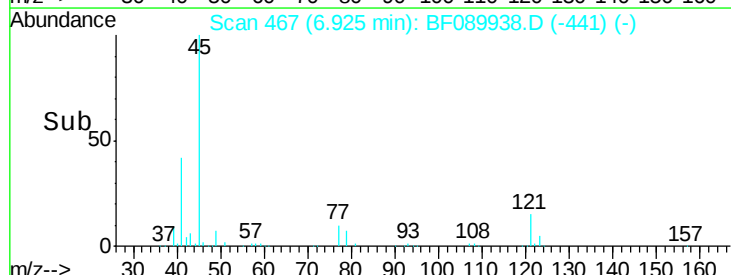
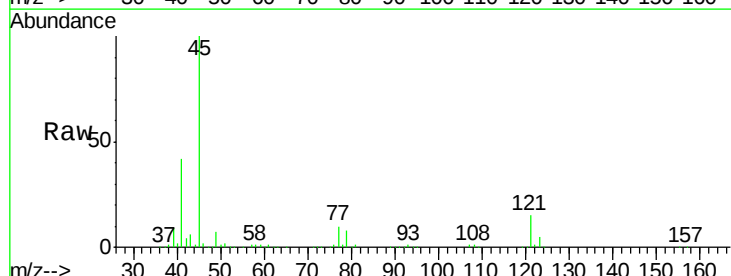
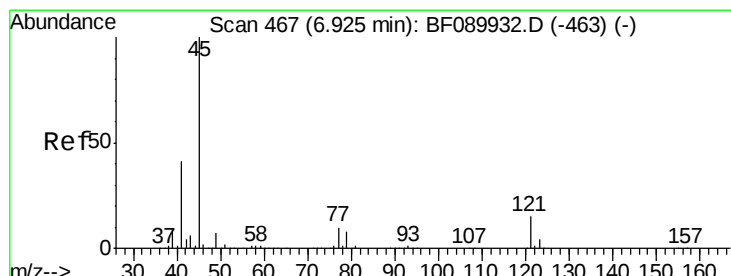
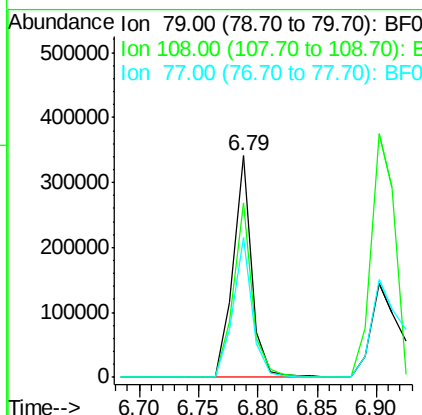
#15
Benzyl Alcohol
Concen: 39.41 ng
RT: 6.79 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	78.9	62.1	93.1		
77	63.0	50.1	75.1		

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

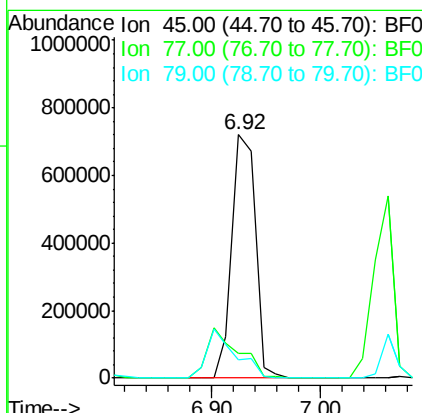
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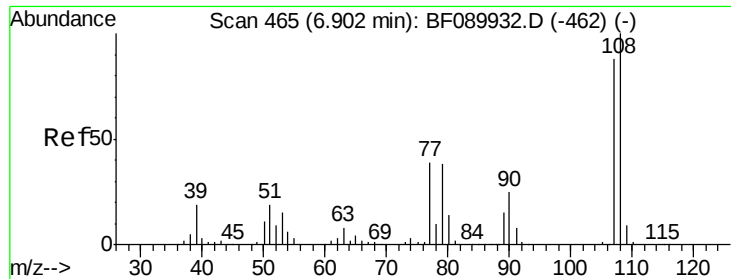
SOHIL
9/1/2016 11:52:25 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.91 ng
RT: 6.92 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	10.2	0.0	30.3		
79	7.7	0.0	27.5		





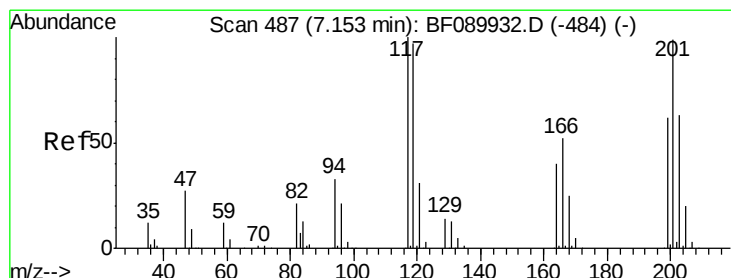
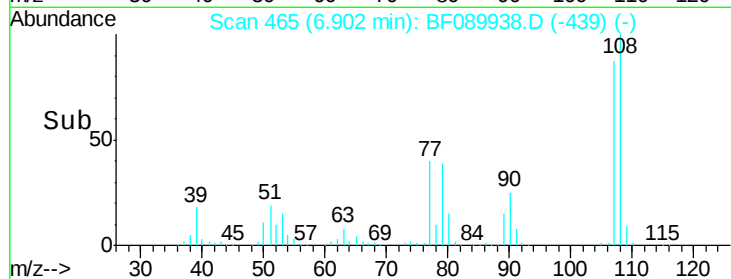
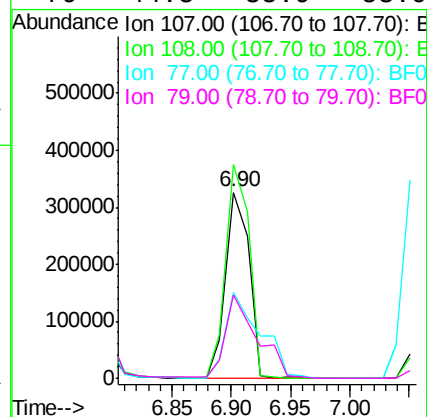
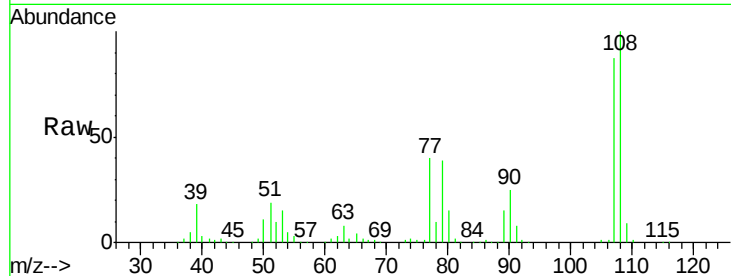
#17
2-Methylphenol
Concen: 41.35 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.0	91.8	137.6
77	46.0	36.0	54.0
79	44.5	35.9	53.9

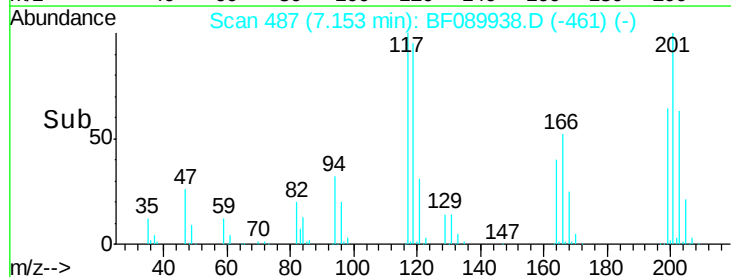
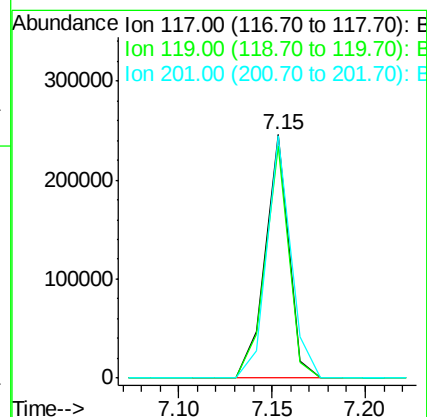
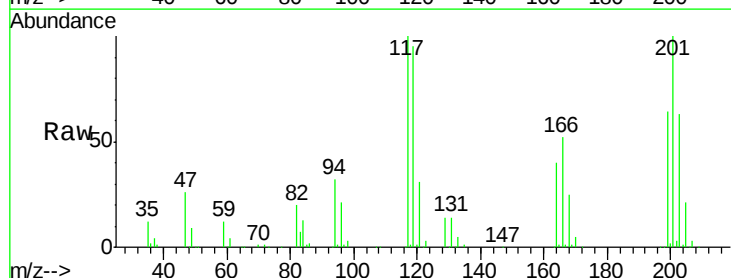
Manual Integrations
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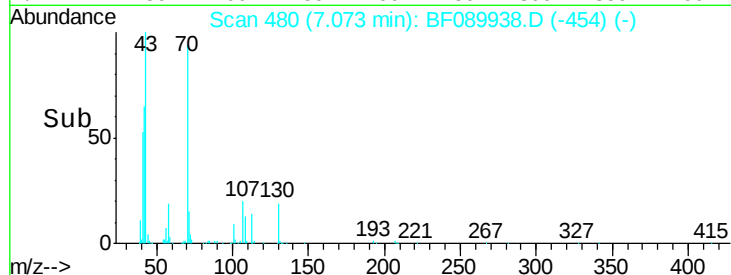
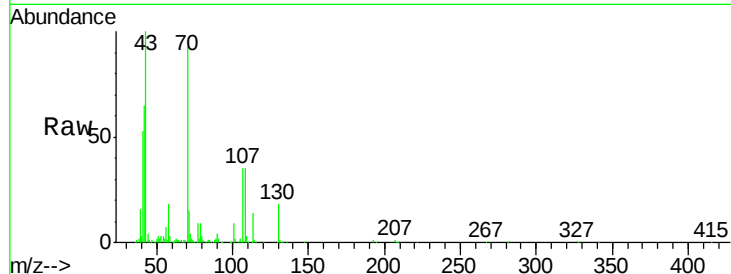
SOHIL
9/1/2016 11:52:25 AM



#18
Hexachloroethane
Concen: 40.13 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.2	114.2
201	99.7	80.2	120.2





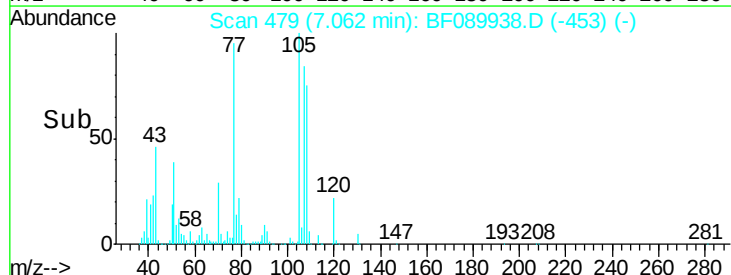
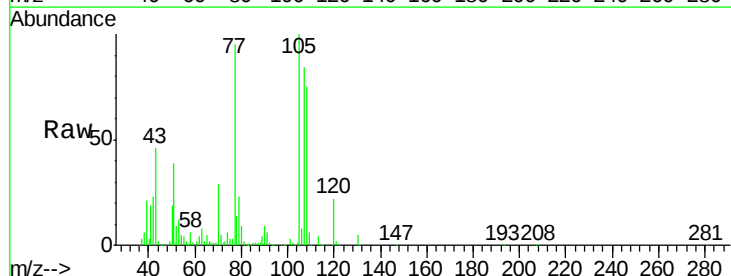
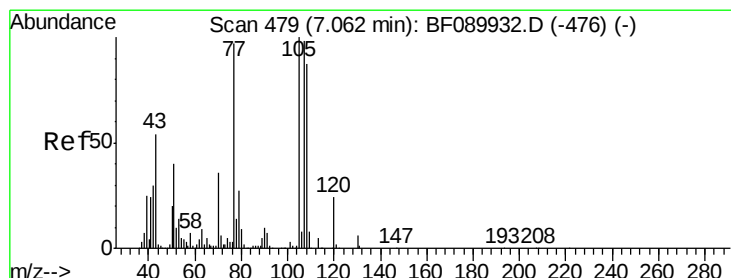
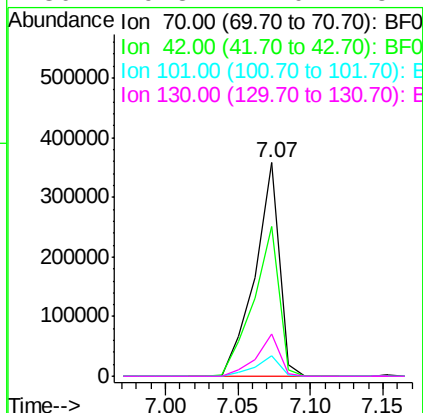
#19
n-Nitroso-di-n-propylamine
Concen: 42.35 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

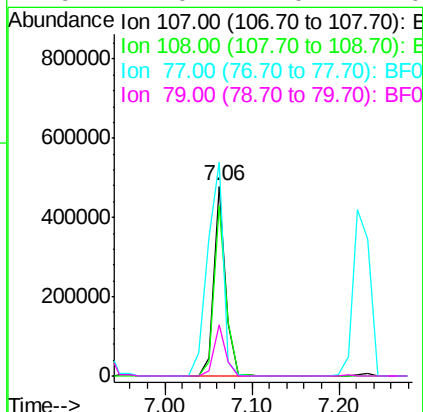
SOHIL
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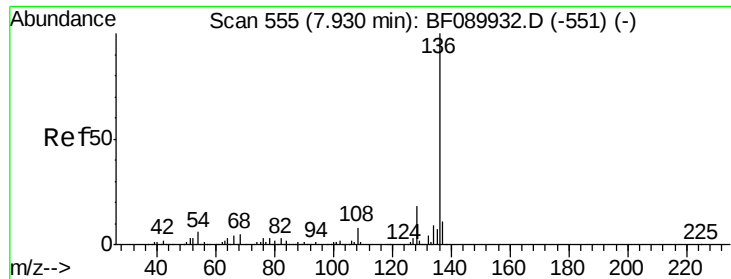
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	69.9	52.1	78.1		
101	9.3	7.4	11.2		
130	19.8	17.0	25.4		



#20
3+4-Methylphenols
Concen: 34.79 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.4	70.2	110.2		
77	112.5	75.7	115.7		
79	27.0	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: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

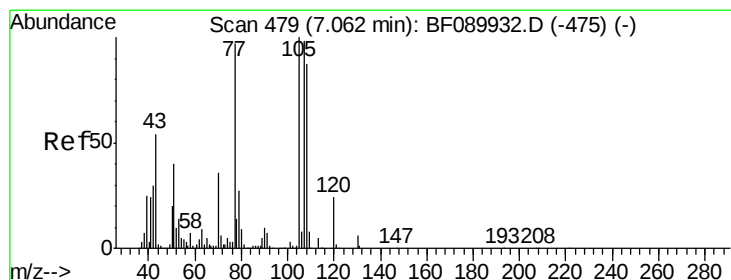
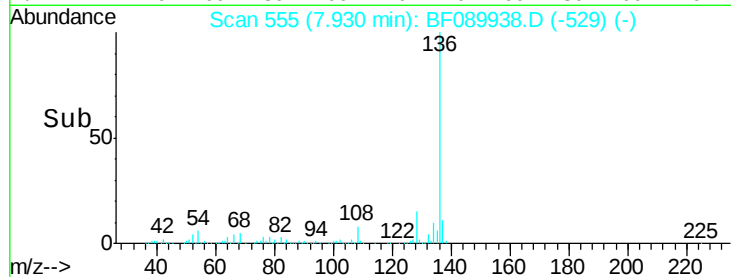
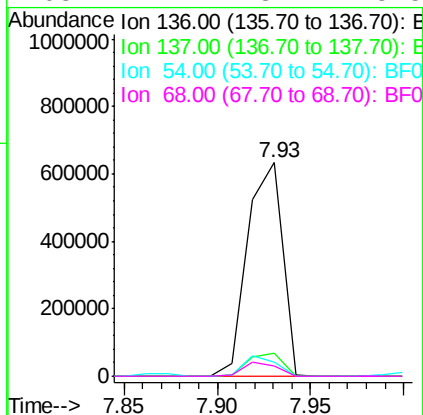
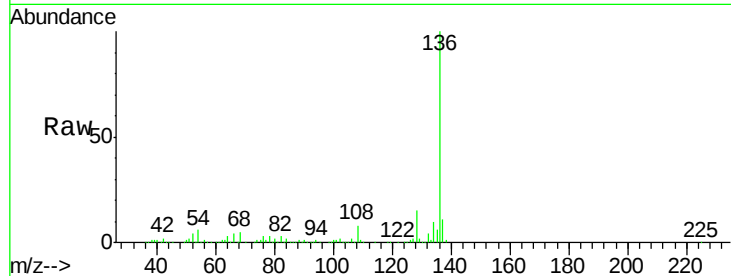
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	821421		
137	10.5	8.3	12.5	
54	6.3	4.8	7.2	
68	4.7	3.7	5.5	

Manual Integrations
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#22

Acetophenone

Concen: 39.55 ng

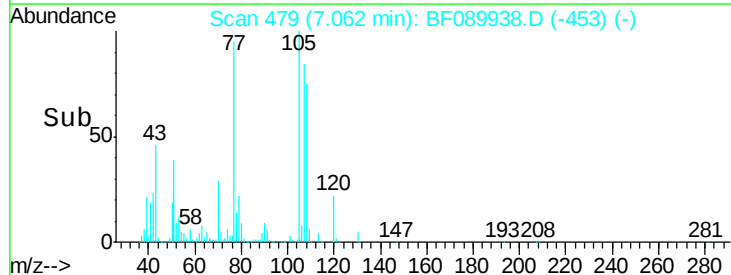
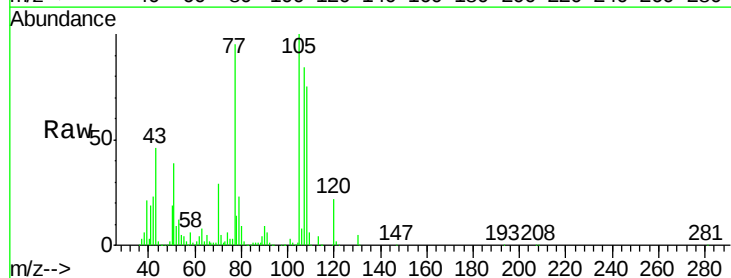
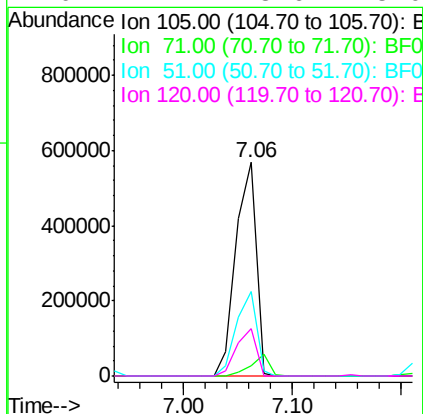
RT: 7.06 min Scan# 479

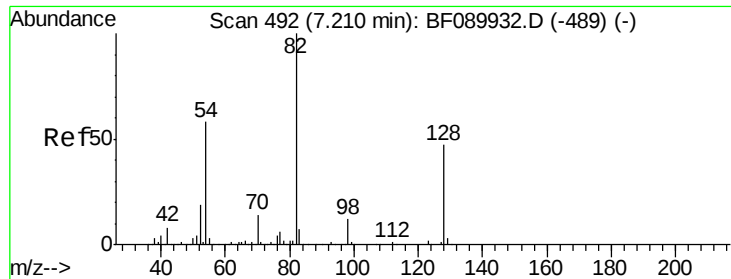
Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	728755		
71	4.8	5.3	7.9#	
51	39.4	32.6	48.8	
120	22.1	18.6	28.0	





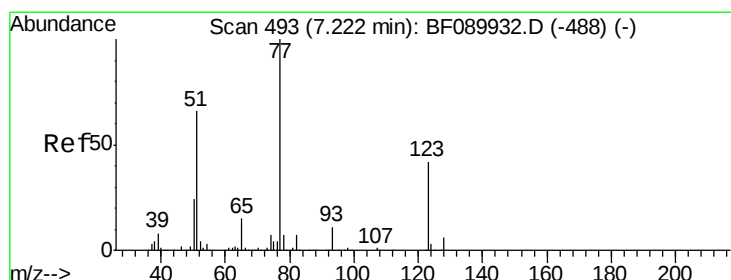
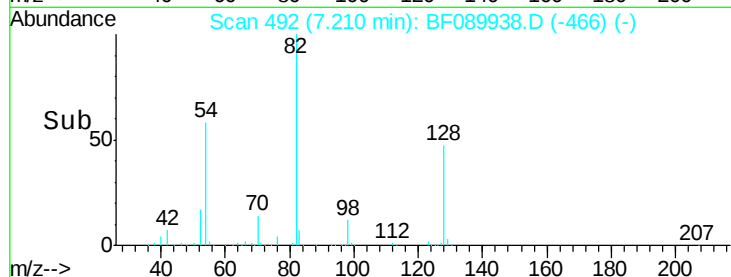
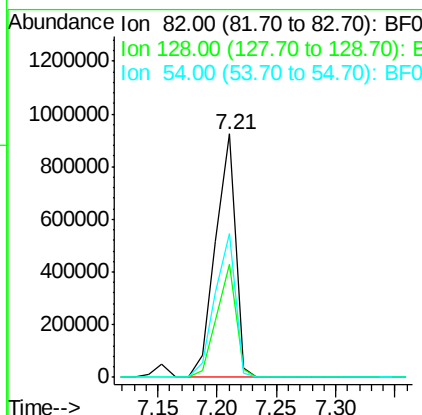
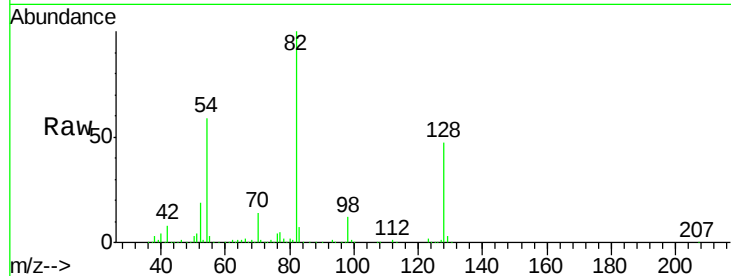
#23
Nitrobenzene-d5
Concen: 75.71 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.8	56.8
54	59.1	46.9	70.3

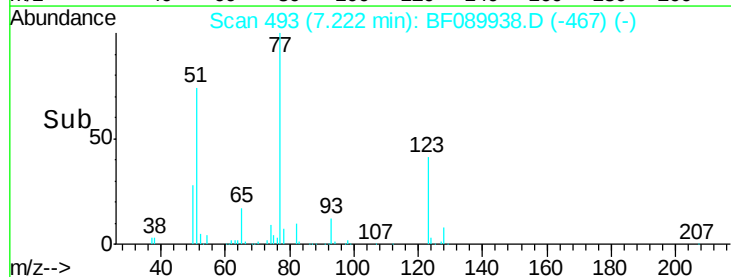
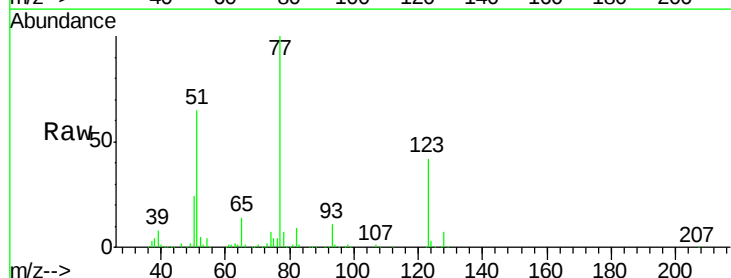
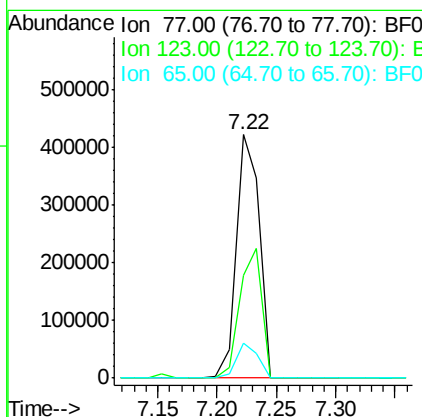
Manual Integrations
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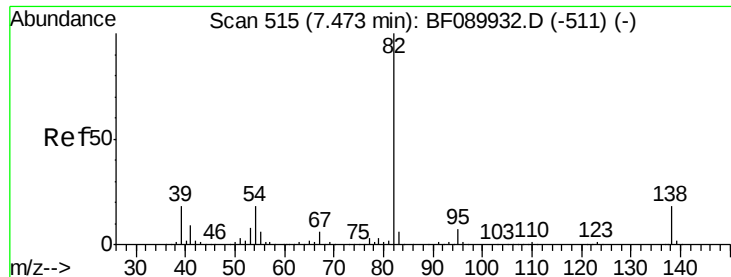
SOHIL
9/1/2016 11:52:25 AM



#24
Nitrobenzene
Concen: 37.41 ng
RT: 7.22 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.0	32.0	48.0
65	14.1	11.2	16.8





#25

Isophorone

Concen: 38.87 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1119643

Ion Ratio Lower Upper

82 100

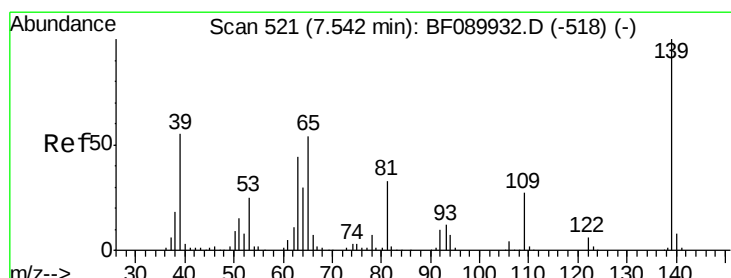
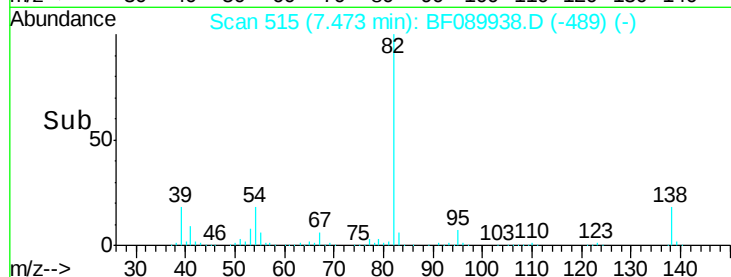
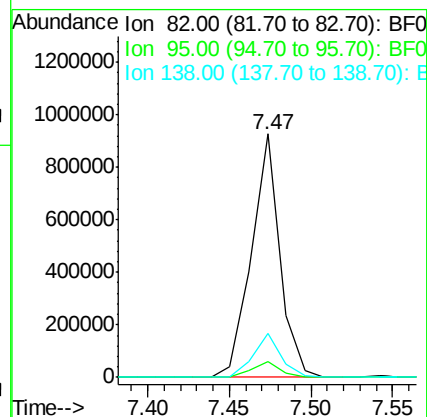
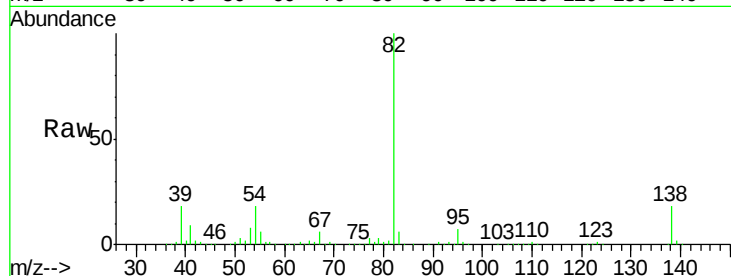
95 6.6 5.5 8.3

138 17.8 14.4 21.6

Manual Integrations
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SOHIL

9/1/2016 11:52:25 AM



#26

2-Nitrophenol

Concen: 38.33 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

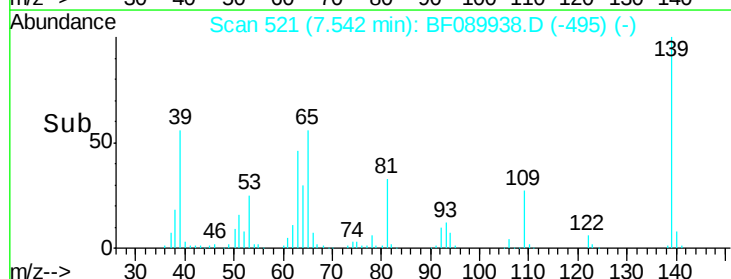
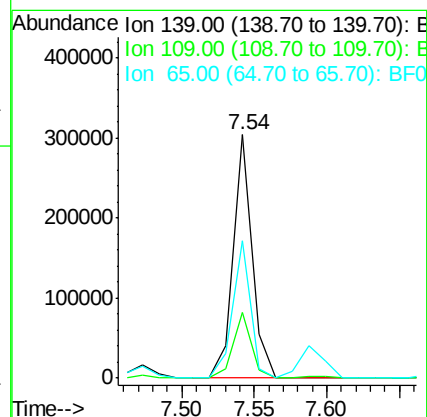
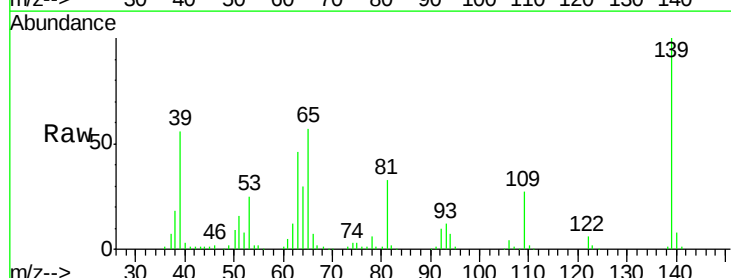
Tgt Ion: 139 Resp: 275875

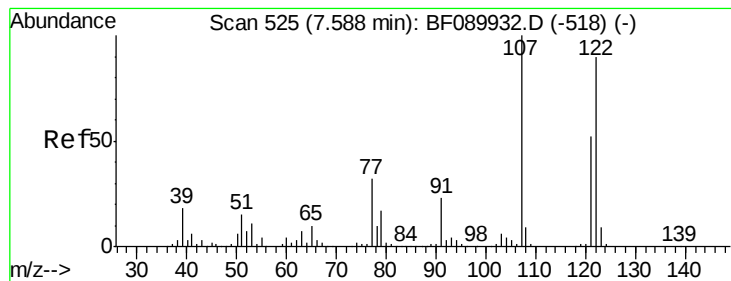
Ion Ratio Lower Upper

139 100

109 27.2 21.0 31.4

65 56.6 43.4 65.0





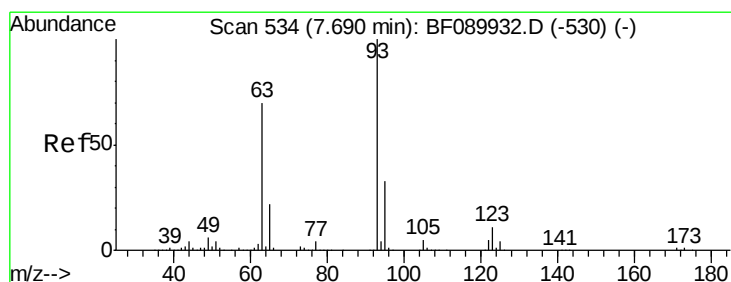
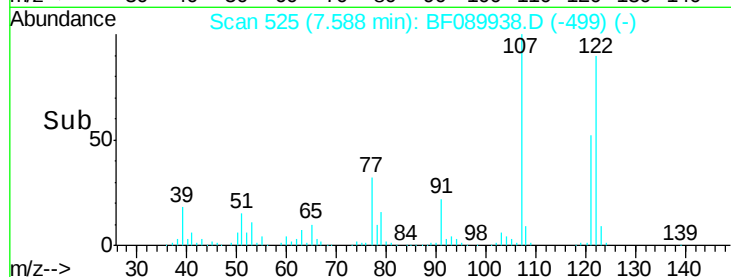
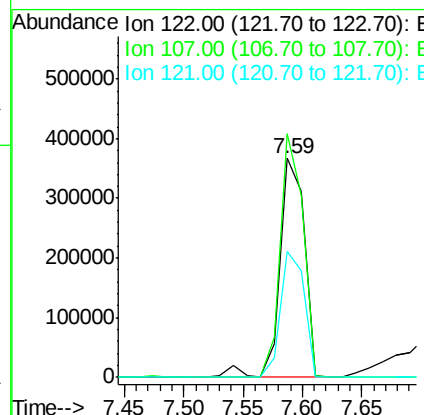
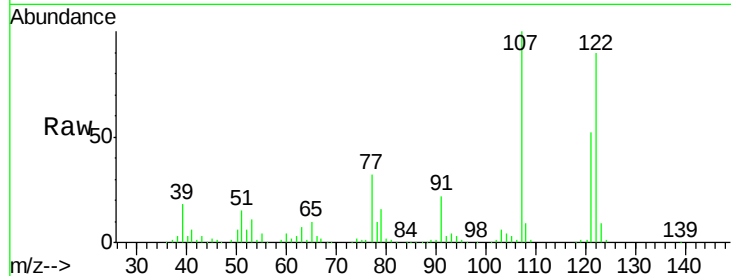
#27
 2,4-Dimethylphenol
 Concen: 39.48 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	525611		
107	111.1	88.5	132.7	
121	57.4	46.0	69.0	

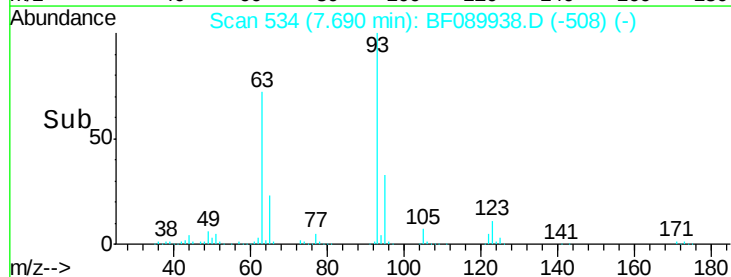
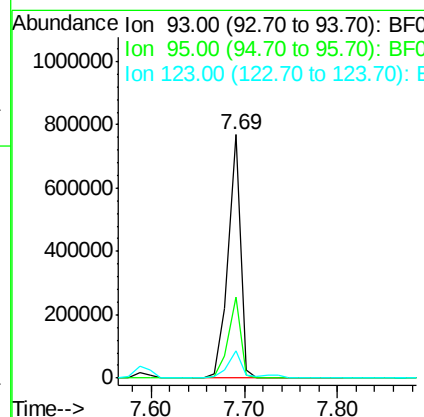
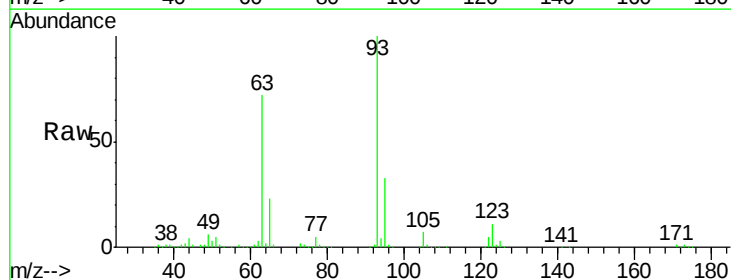
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.71 ng
 RT: 7.69 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	707184		
95	33.1	26.6	40.0	
123	11.2	9.1	13.7	





#29

2,4-Dichlorophenol

Concen: 38.12 ng

RT: 7.78 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

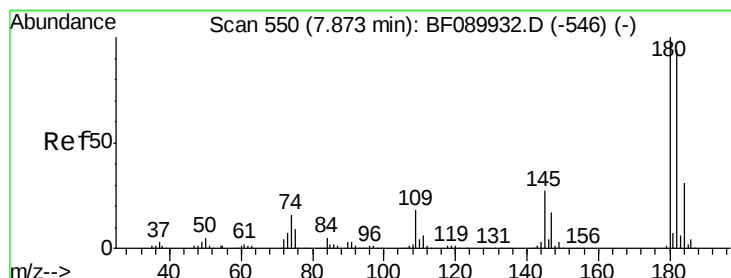
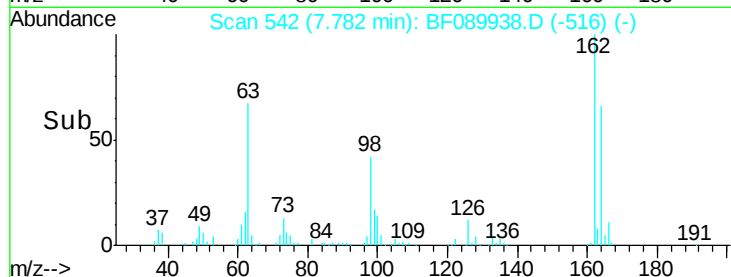
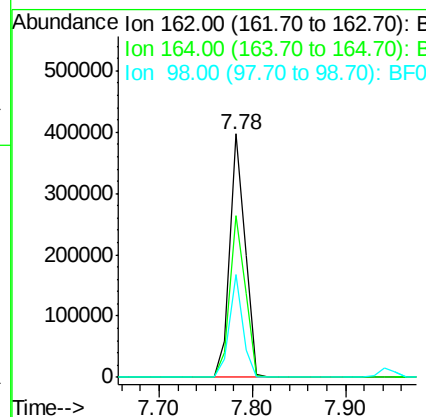
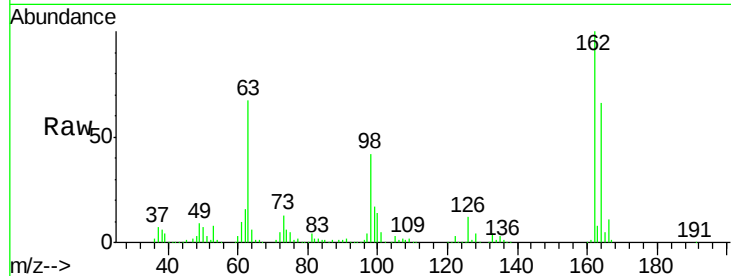
ClientSampleId :

SSTDCCC040

Tot Ion:	162	Resp:	454968
Ion Ratio	Lower	Upper	
162	100		
164	66.4	46.6	86.6
98	42.0	22.0	62.0

Manual Integrations
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9/1/2016 11:52:25 AM



#30

1,2,4-Trichlorobenzene

Concen: 41.19 ng

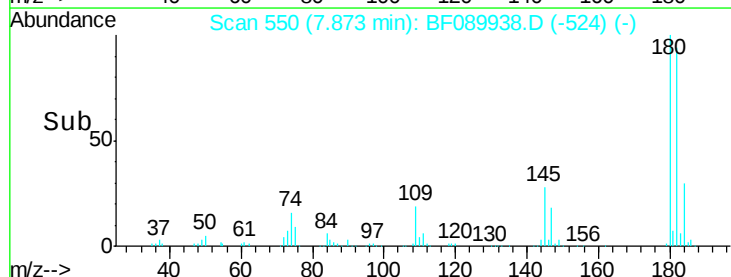
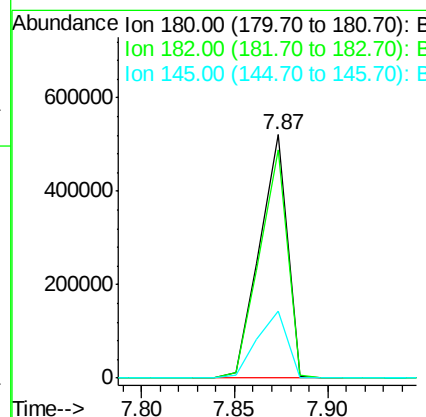
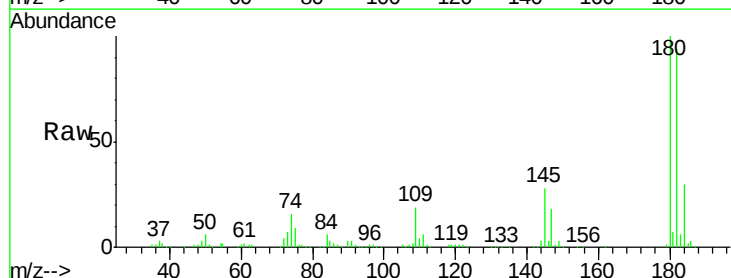
RT: 7.87 min Scan# 550

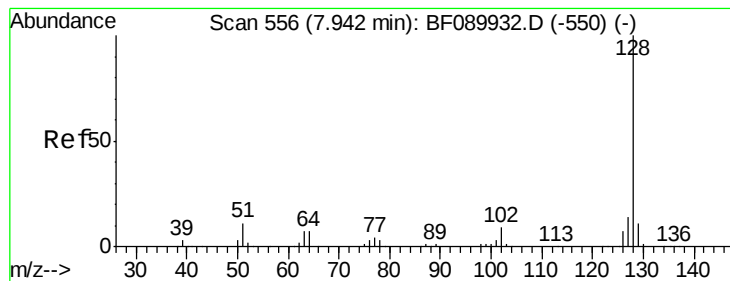
Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Tgt Ion:	180	Resp:	537588
Ion Ratio	Lower	Upper	
180	100		
182	93.6	76.2	114.2
145	27.6	22.2	33.4





#31

Naphthalene

Concen: 35.36 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1447069

Ion Ratio Lower Upper

128 100

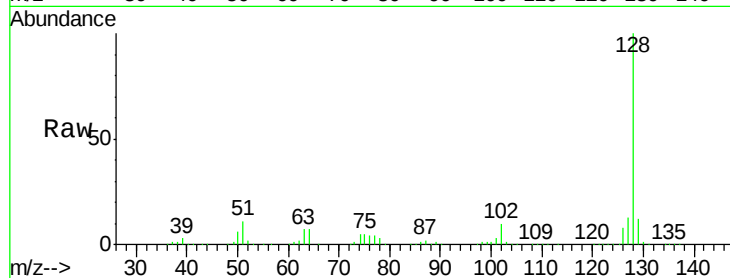
129 11.8 9.4 14.0

127 13.5 10.7 16.1

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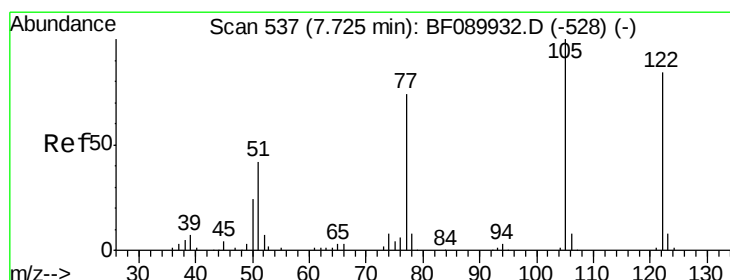
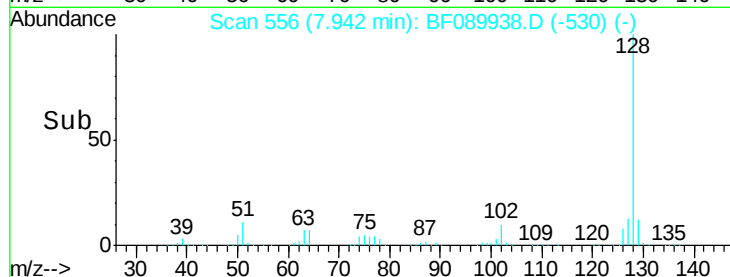
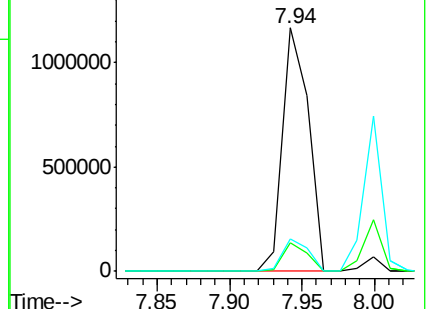
9/1/2016 11:52:25 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.82 ng

RT: 7.74 min Scan# 538

Delta R.T. 0.01 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

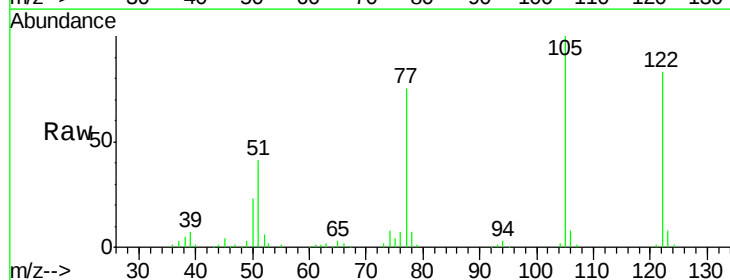
Tgt Ion:122 Resp: 375098

Ion Ratio Lower Upper

122 100

105 121.0 102.2 142.2

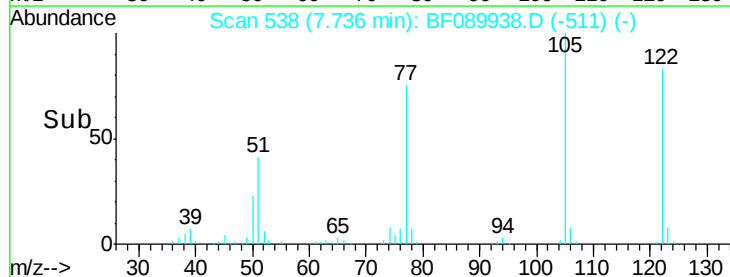
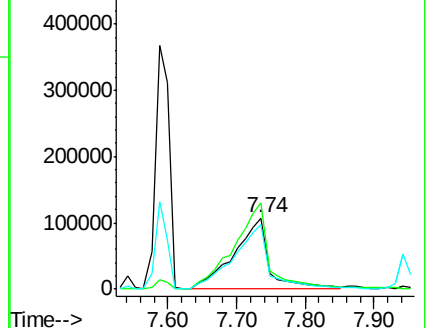
77 91.0 74.1 114.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





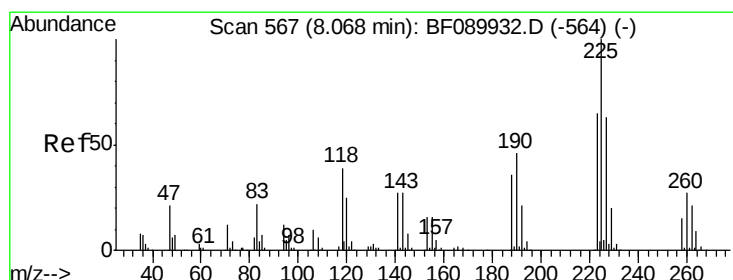
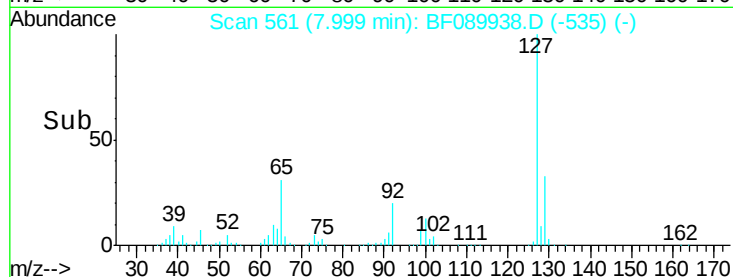
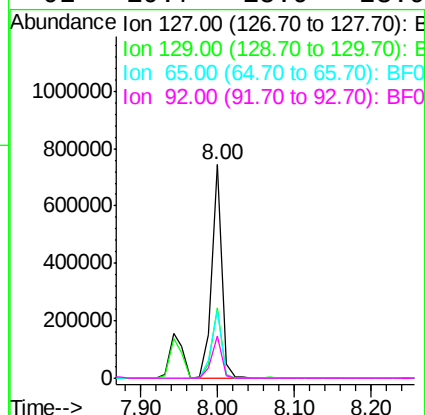
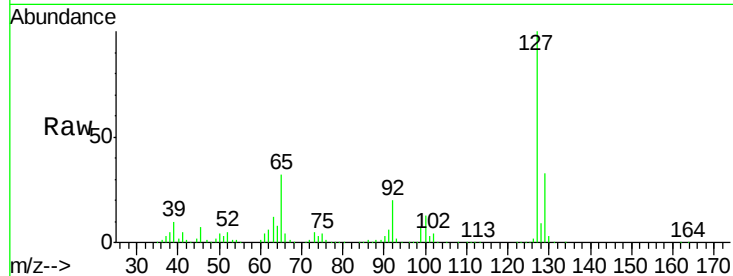
#33
4-Chloroaniline
Concen: 40.04 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		661117		
129	32.9	25.9	38.9		
65	31.9	26.0	39.0		
92	19.7	15.9	23.9		

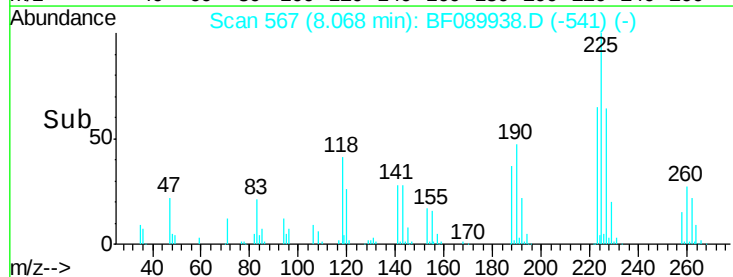
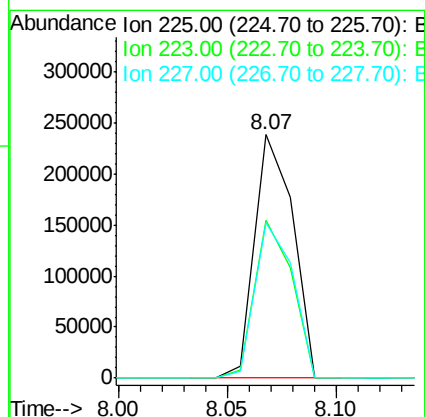
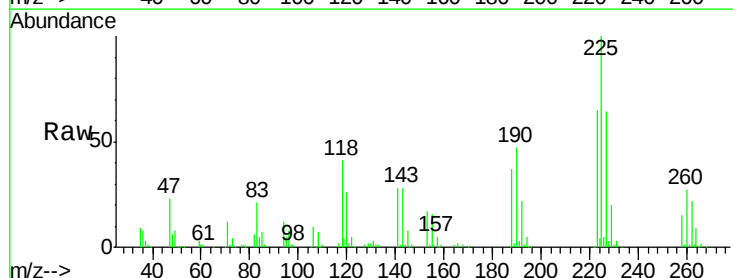
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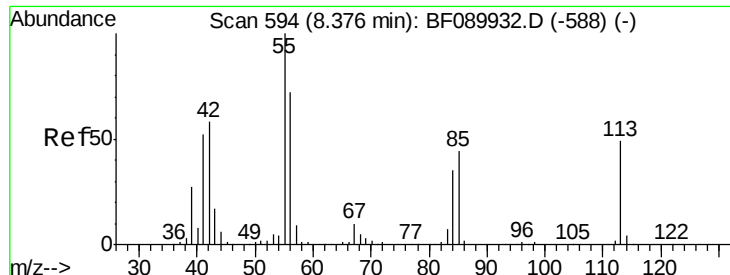
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#34
Hexachlorobutadiene
Concen: 38.34 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		293170		
223	64.7	52.6	78.8		
227	63.7	50.8	76.2		





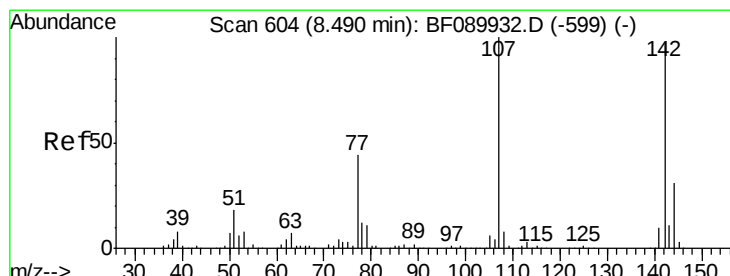
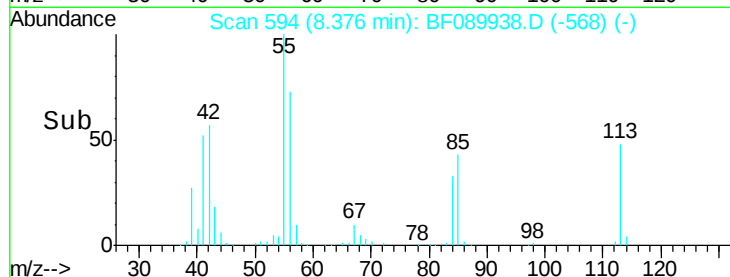
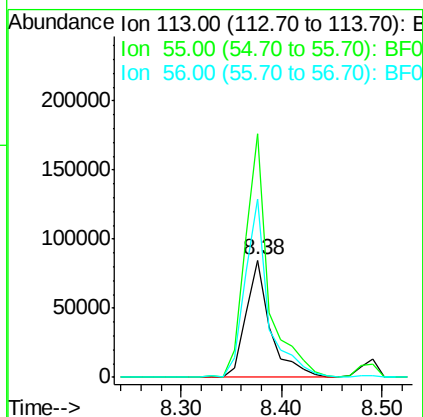
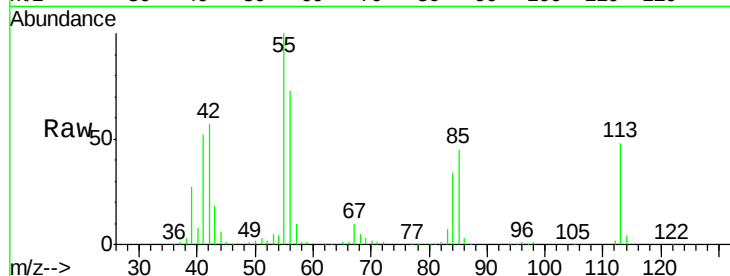
#35
 Caprolactam
 Concen: 37.86 ng
 RT: 8.38 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	207.6		178.5	218.5	
56	151.9		122.7	162.7	

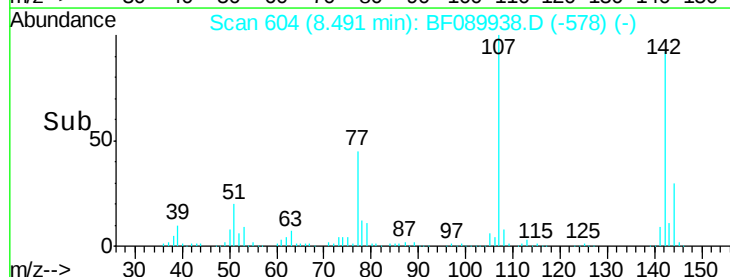
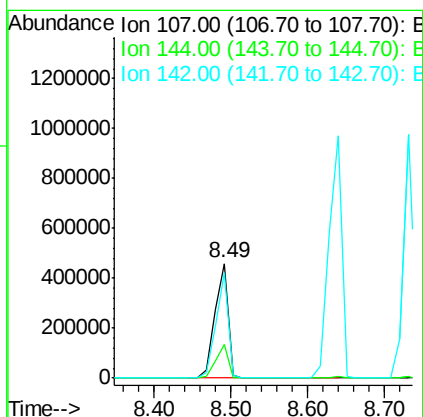
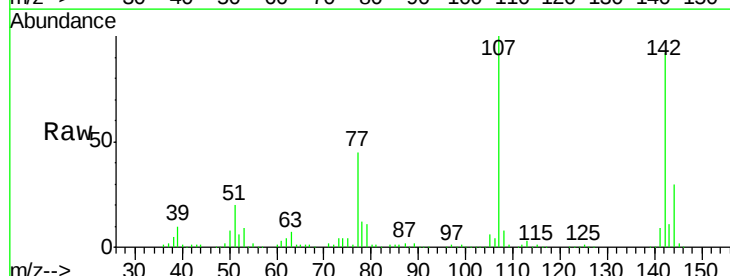
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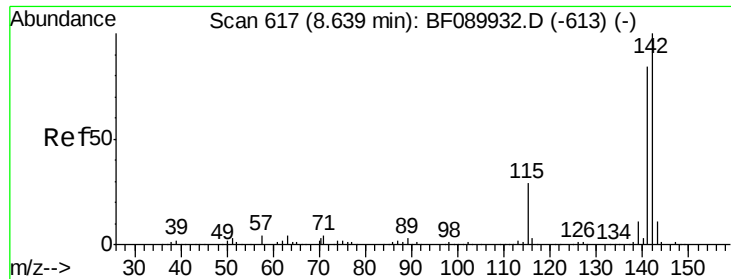
SOHIL
 9/1/2016 11:52:25 AM



#36
 4-Chloro-3-methylphenol
 Concen: 42.57 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	29.9		25.8	38.8	
142	92.2		79.2	118.8	





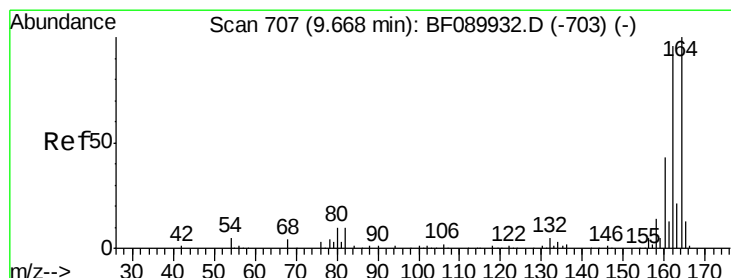
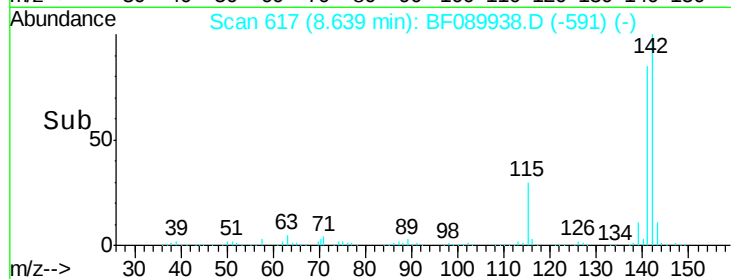
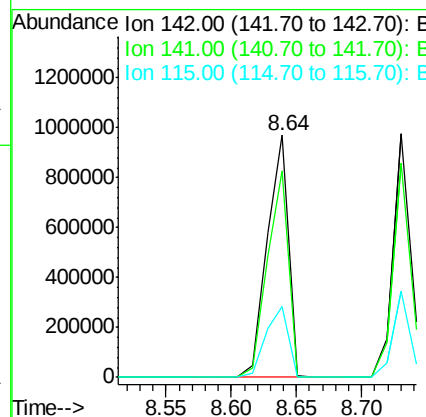
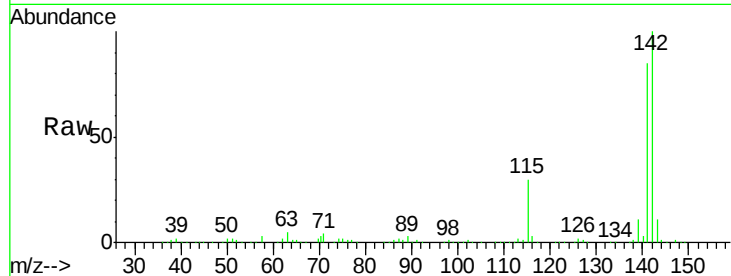
#37
2-Methylnaphthalene
Concen: 40.79 ng
RT: 8.64 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.5	68.3	102.5
115	29.5	23.8	35.8

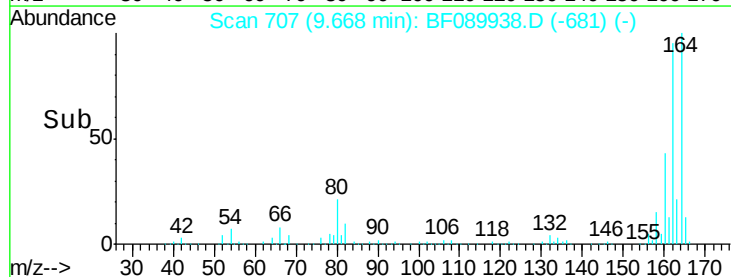
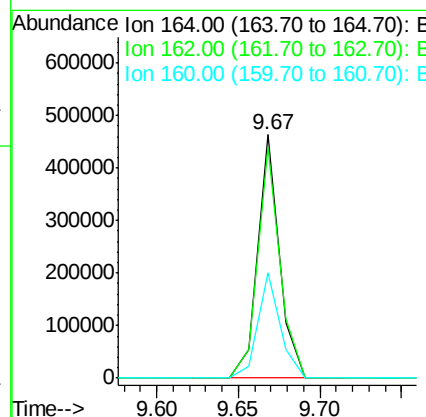
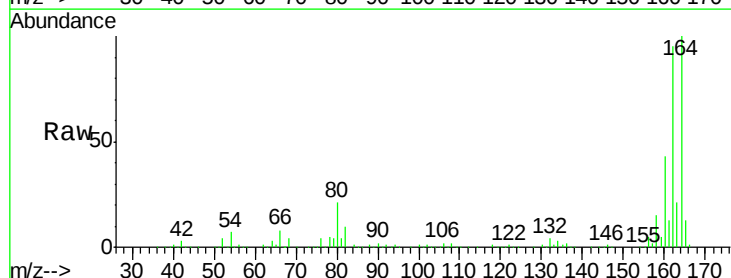
Manual Integrations
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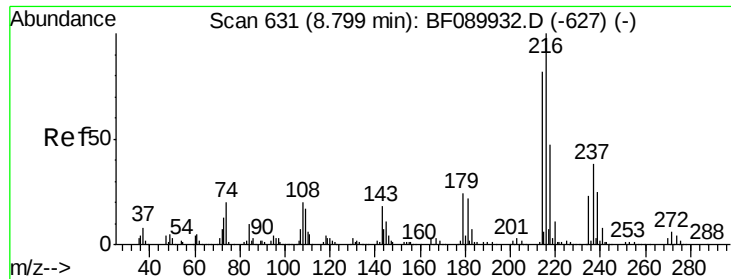
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.0	77.1	115.7
160	43.4	35.3	52.9





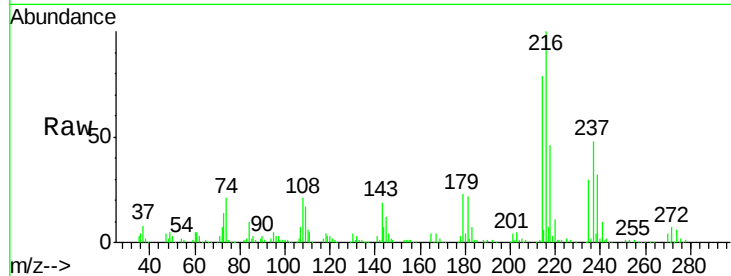
#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.57 ng
RT: 8.80 min Scan# 631
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

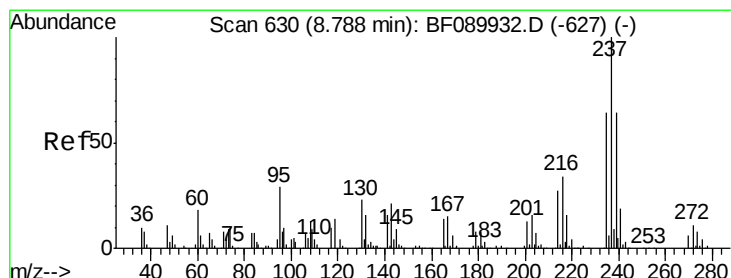
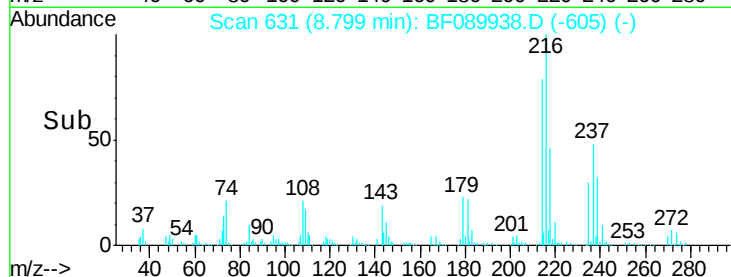
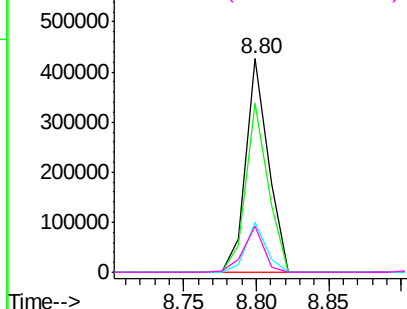
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		460278		
214	78.7		63.4	95.2	
179	21.1		17.3	25.9	
108	18.9		15.5	23.3	

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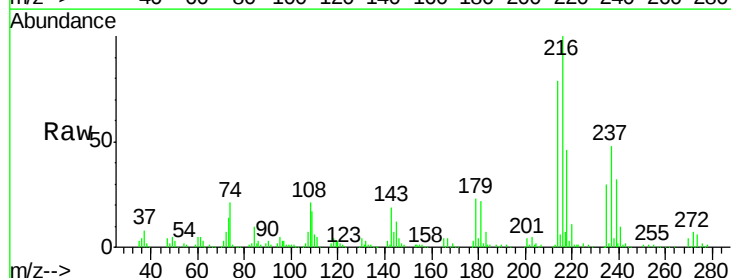


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

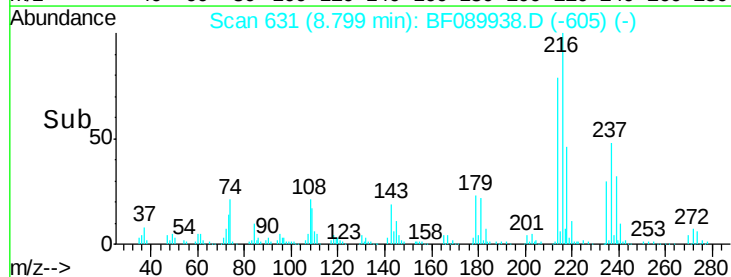
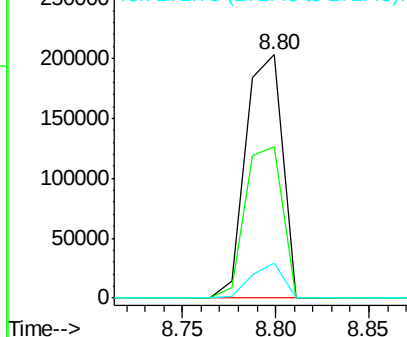


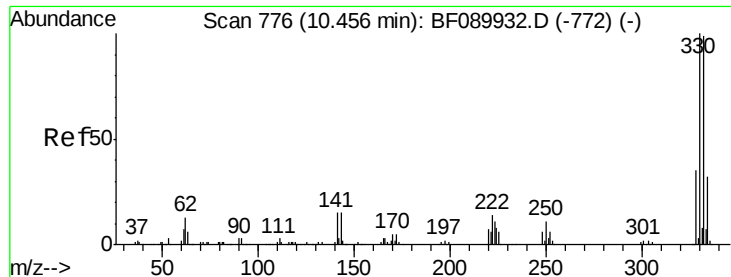
#40
Hexachlorocyclopentadiene
Concen: 42.75 ng
RT: 8.80 min Scan# 631
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		275892		
235	62.5		39.6	79.6	
272	14.2		0.0	34.6	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





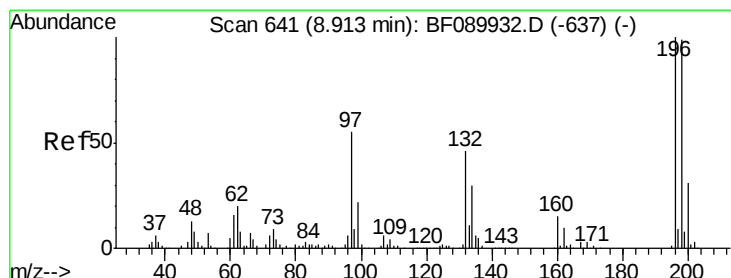
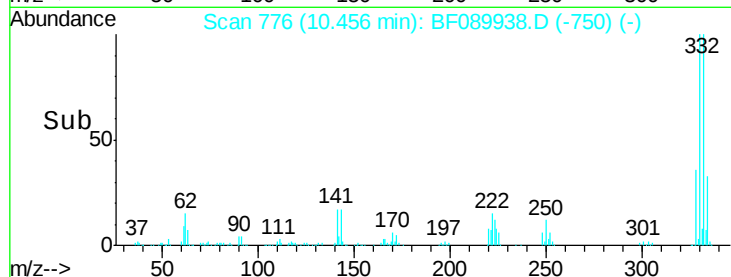
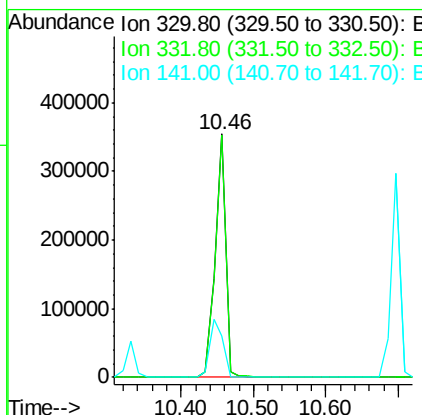
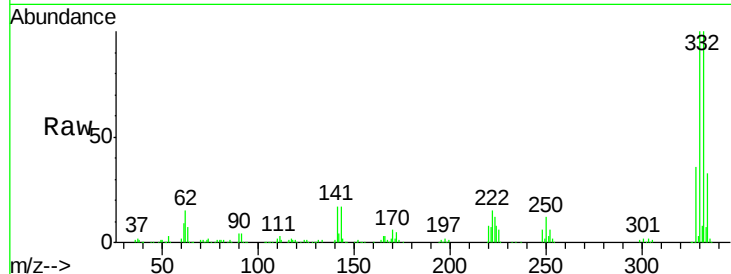
#41
 2,4,6-Tribromophenol
 Concen: 84.83 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	99.2	78.6	117.8	
141	29.8	23.3	34.9	

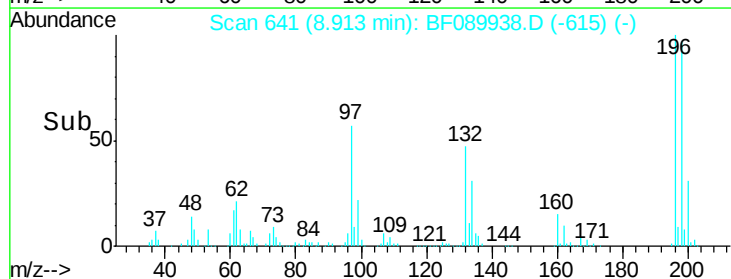
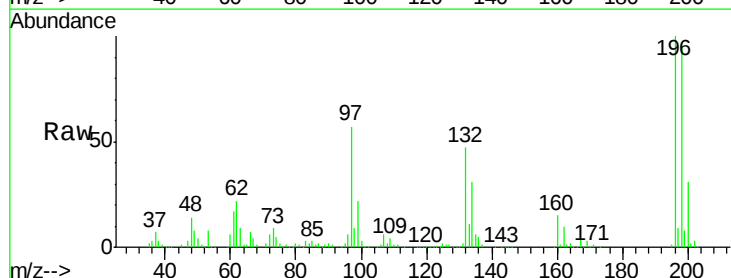
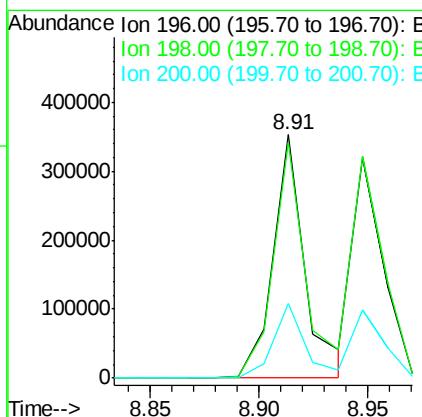
Manual Integrations
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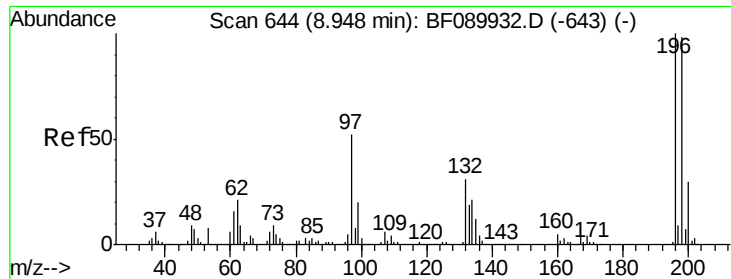
SOHIL
 9/1/2016 11:52:25 AM



#42
 2,4,6-Trichlorophenol
 Concen: 41.86 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.8	78.3	117.5	
200	30.8	24.8	37.2	





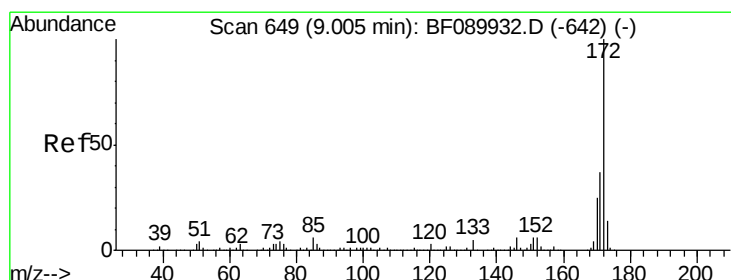
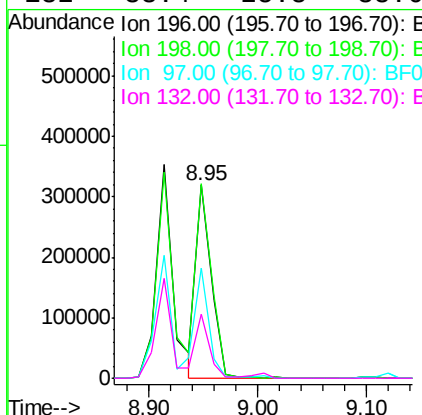
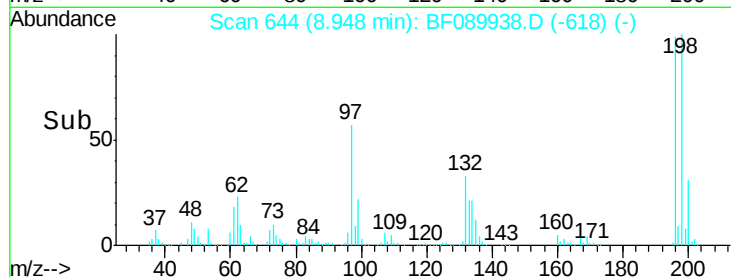
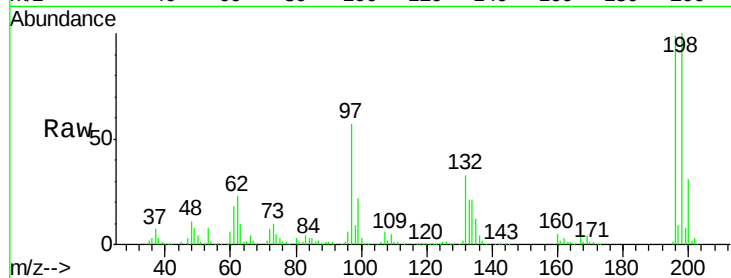
#43
 2,4,5-Trichlorophenol
 Concen: 37.82 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		317188		
198	100.8	80.8	121.2		
97	57.1	44.2	66.4		
132	33.4	25.8	38.6		

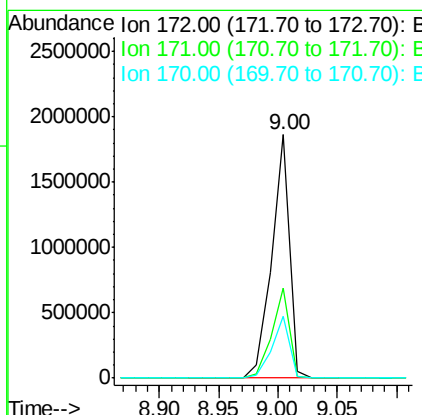
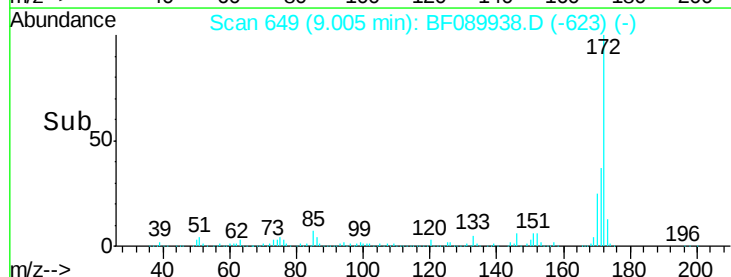
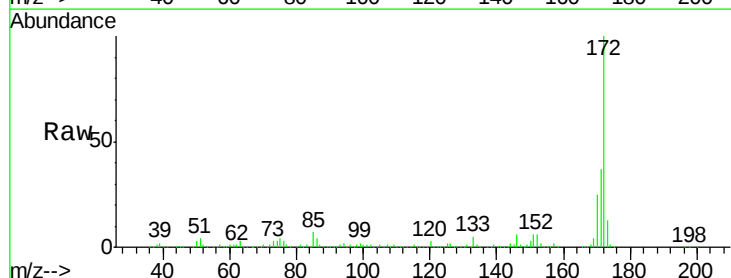
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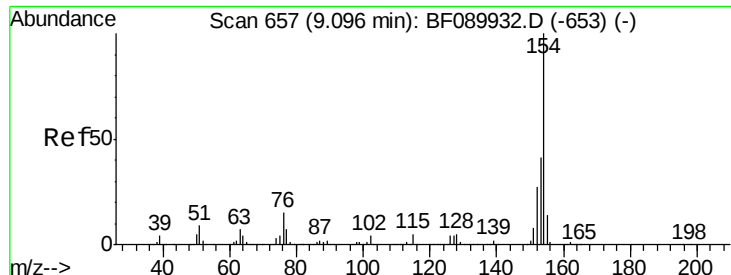
SOHIL
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#44
 2-Fluorobiphenyl
 Concen: 74.24 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1943052		
171	37.1	29.4	44.2		
170	25.2	20.1	30.1		





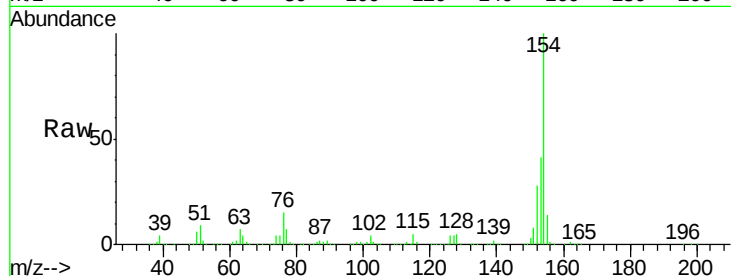
#45
 1,1'-Biphenyl
 Concen: 37.07 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

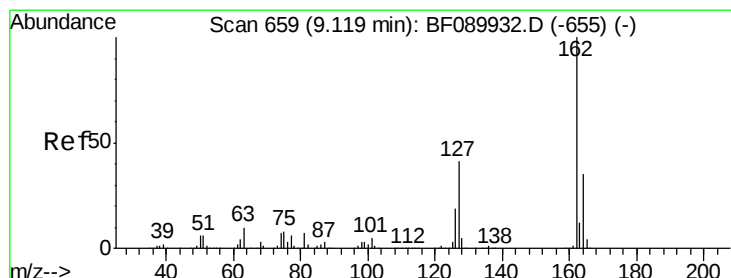
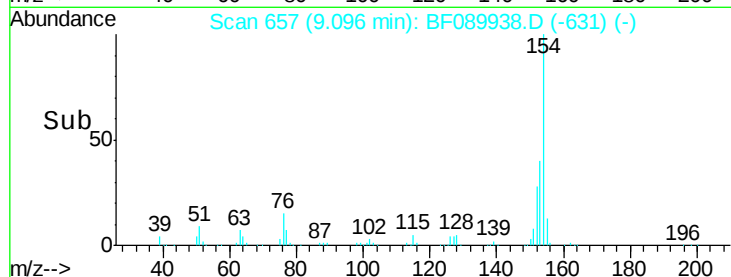
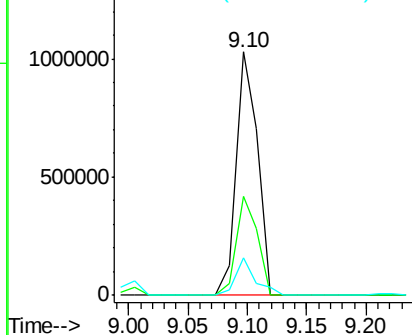
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	15.3	0.0	34.9

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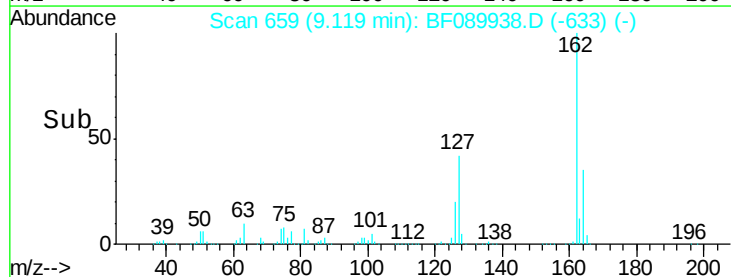
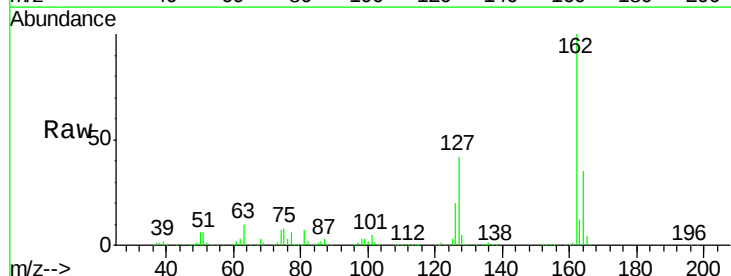
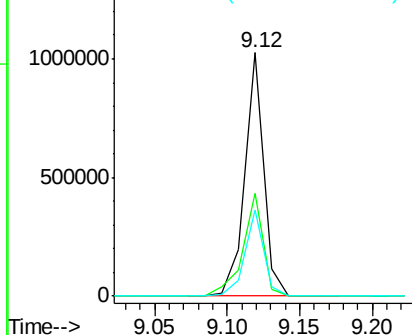
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

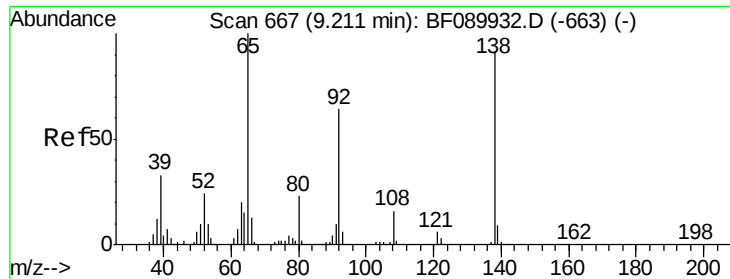


#46
 2-Chloronaphthalene
 Concen: 37.96 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.5	50.3
164	35.2	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





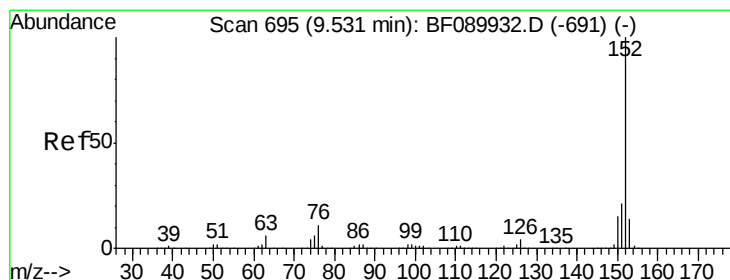
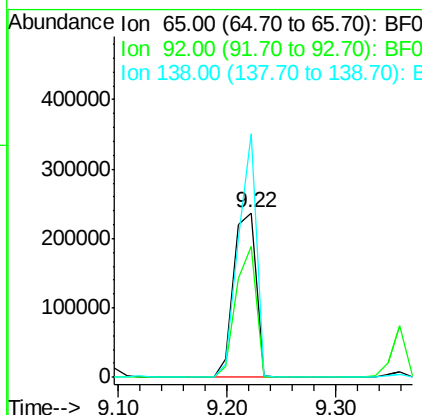
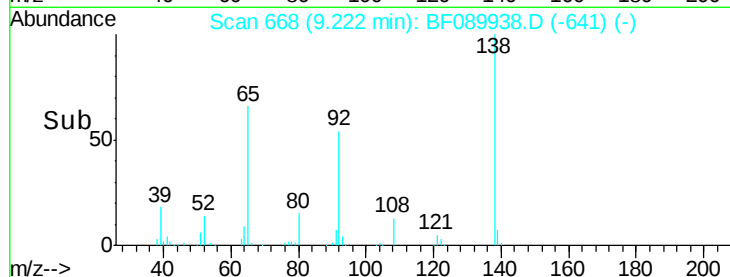
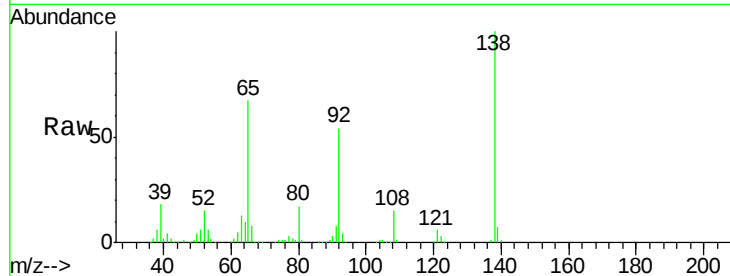
#47
2-Nitroaniline
Concen: 41.83 ng
RT: 9.22 min Scan# 668
Delta R.T. 0.01 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

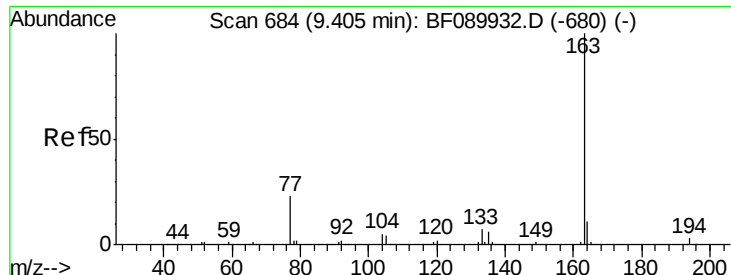
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	79.7	52.0	78.0#
138	148.2	72.1	108.1#

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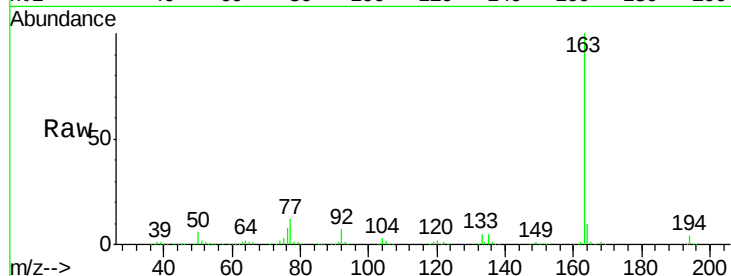
#49
Dimethylphthalate
Concen: 40.00 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

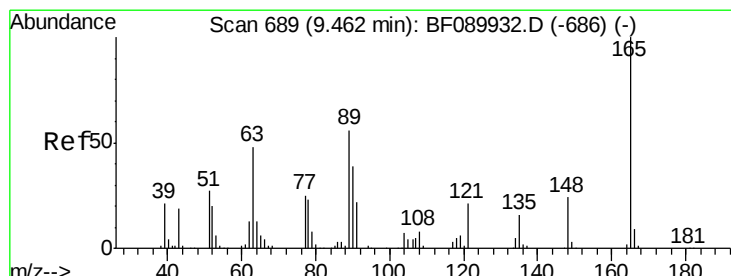
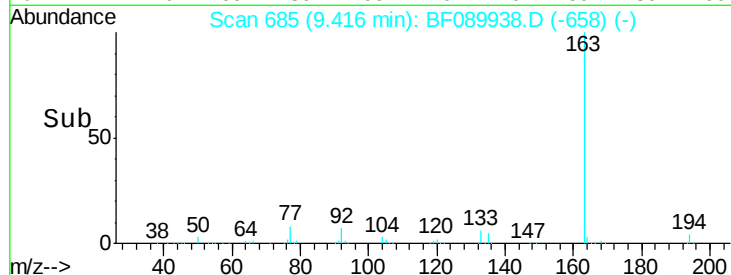
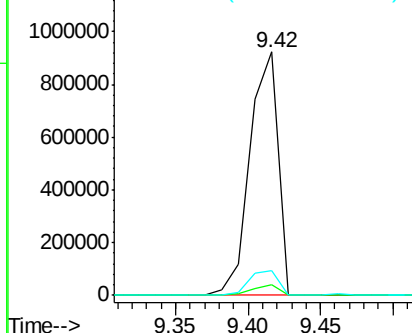
Tot Ion:163 Resp: 1242081
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.3 9.0 13.4

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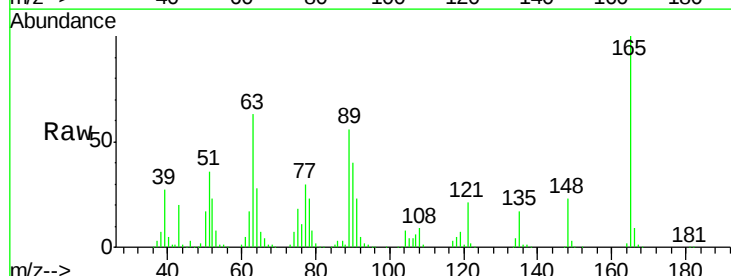


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

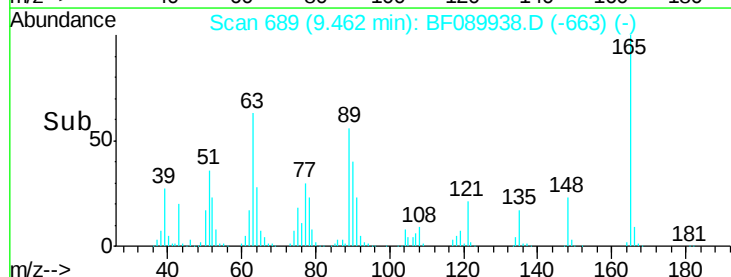
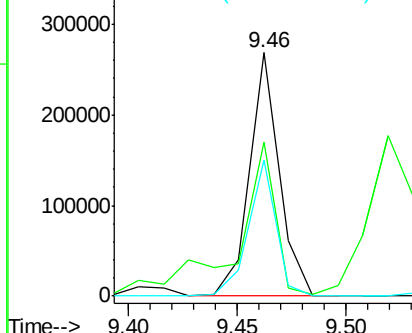


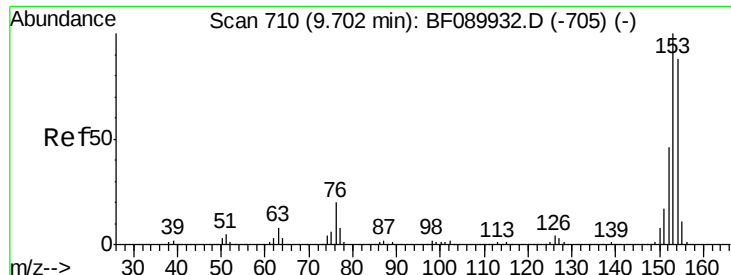
#50
2,6-Dinitrotoluene
Concen: 36.93 ng
RT: 9.46 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion:165 Resp: 255029
Ion Ratio Lower Upper
165 100
63 63.2 45.0 67.4
89 55.9 41.5 62.3



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





#51

Acenaphthene

Concen: 36.66 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

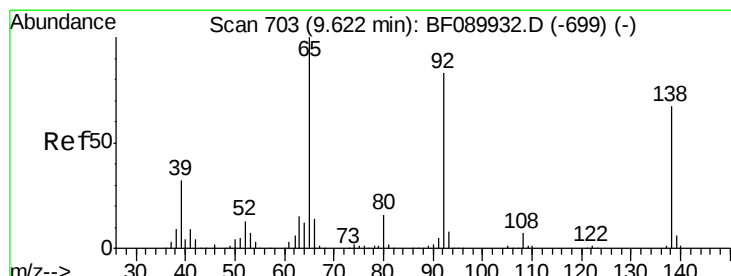
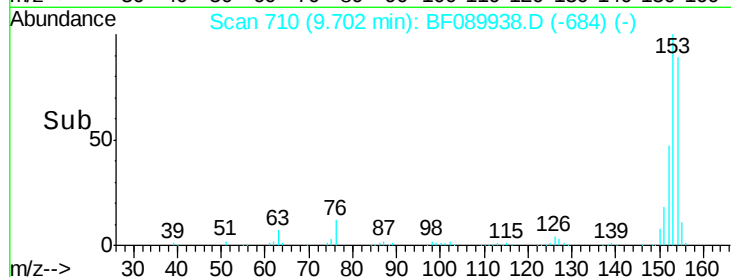
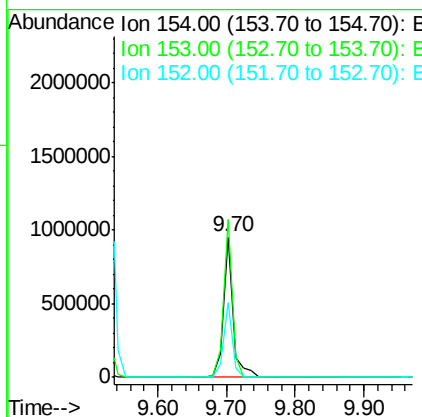
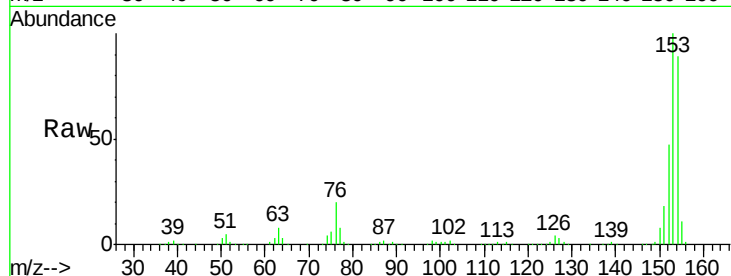
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	939811
Ion Ratio	Lower	Upper	
154	100		
153	112.5	90.6	135.8
152	53.0	42.4	63.6

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#52

3-Nitroaniline

Concen: 44.79 ng

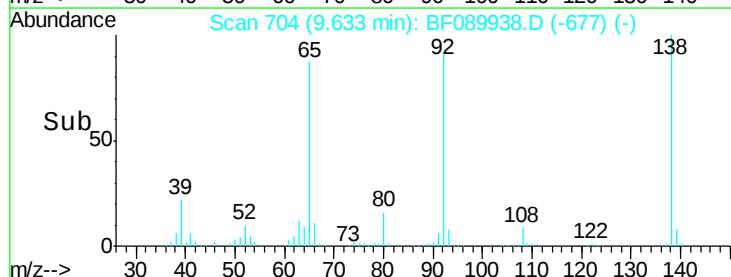
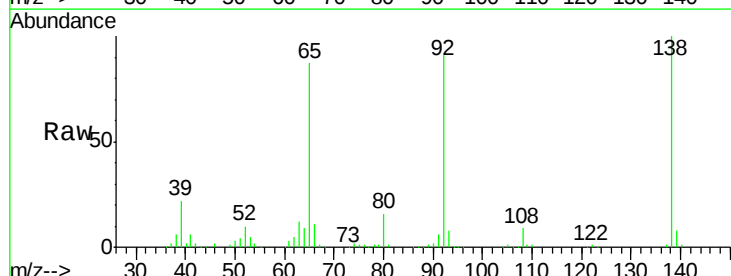
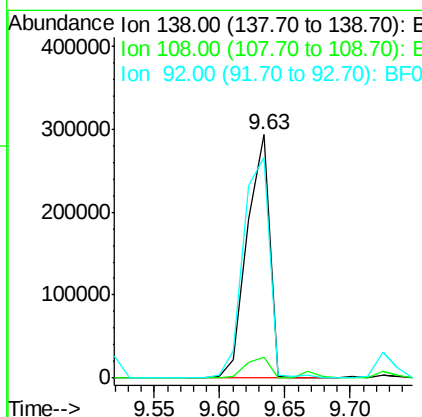
RT: 9.63 min Scan# 704

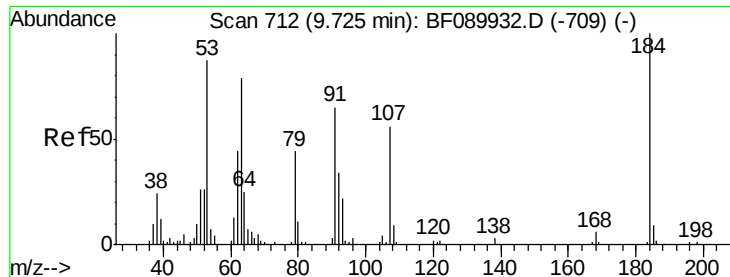
Delta R.T. 0.01 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Tgt Ion:	138	Resp:	352778
Ion Ratio	Lower	Upper	
138	100		
108	8.6	8.3	12.5
92	90.7	99.1	148.7#





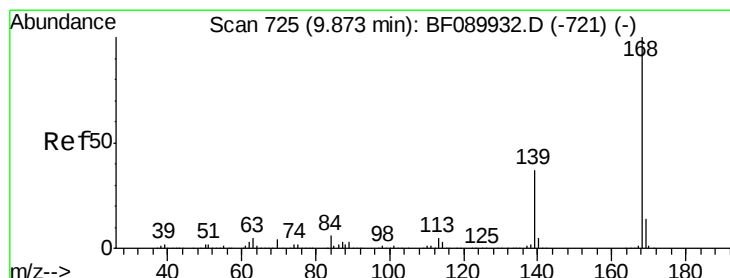
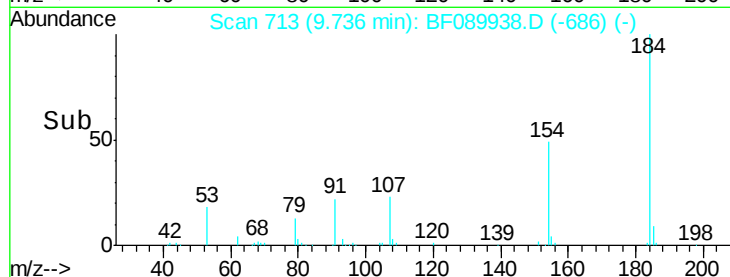
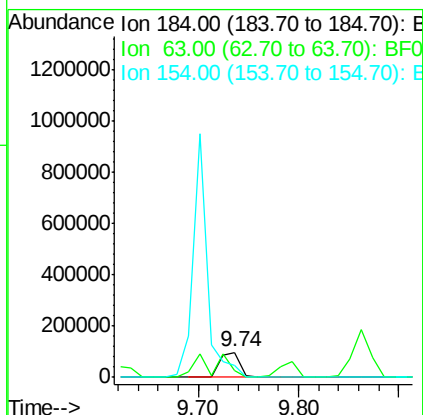
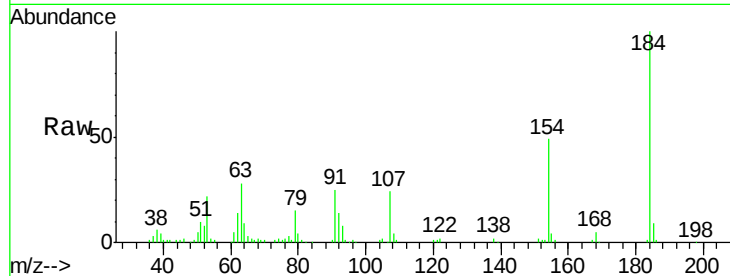
#53
 2,4-Dinitrophenol
 Concen: 40.39 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	27.7	73.9	110.9#	
154	49.3	53.5	80.3#	

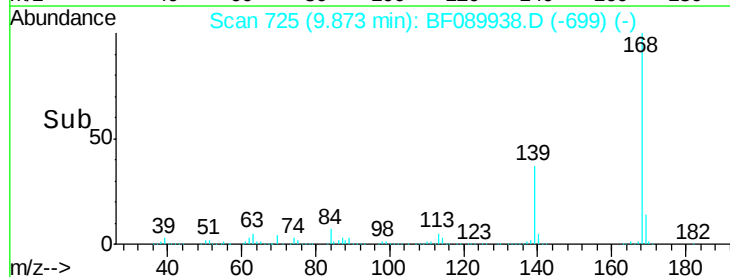
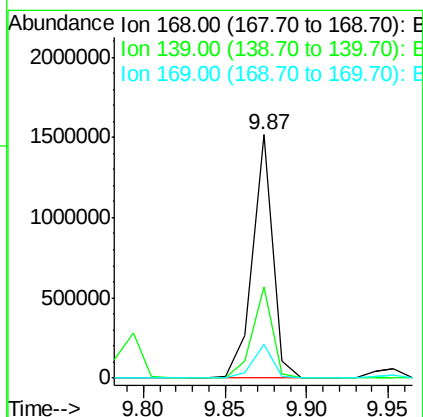
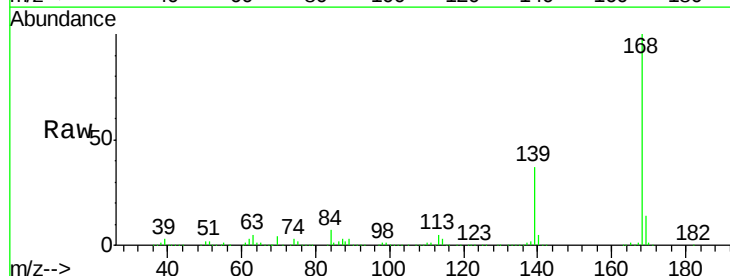
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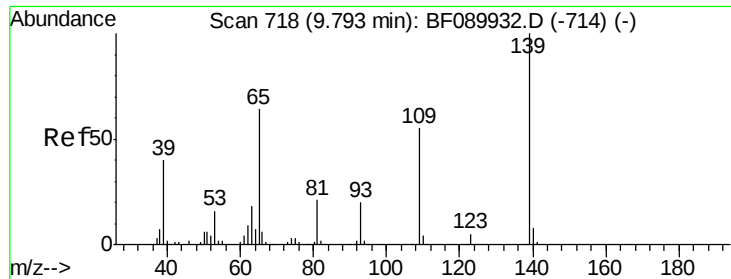
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#54
 Dibenzofuran
 Concen: 37.98 ng
 RT: 9.87 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.3	29.5	44.3	
169	13.8	10.8	16.2	





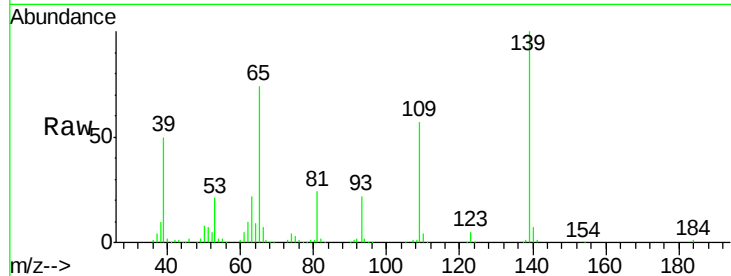
#55
4-Nitrophenol
Concen: 48.19 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

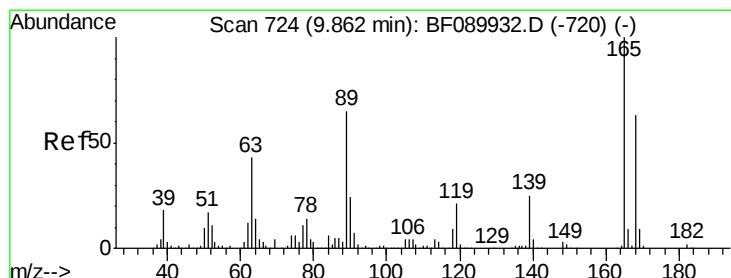
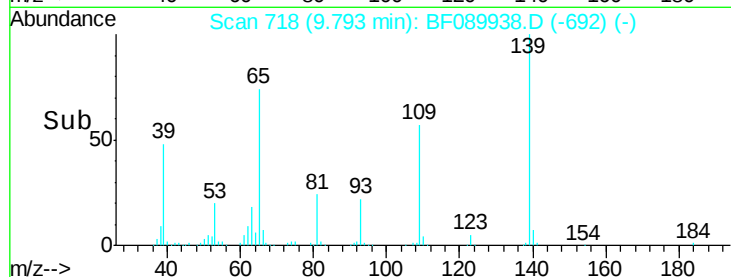
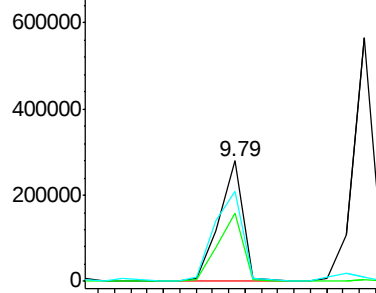
Tot Ion	Ratio	Resp	Lower	Upper
139	100	286284		
109	56.9	31.3	71.3	
65	74.4	38.5	78.5	

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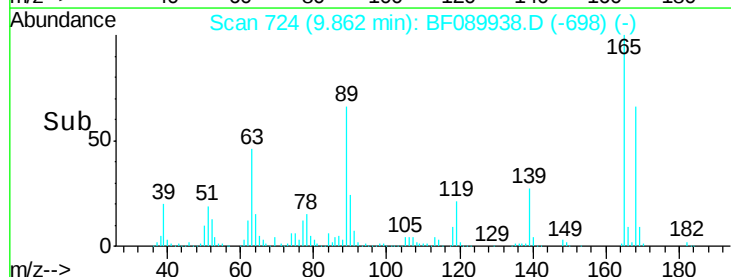
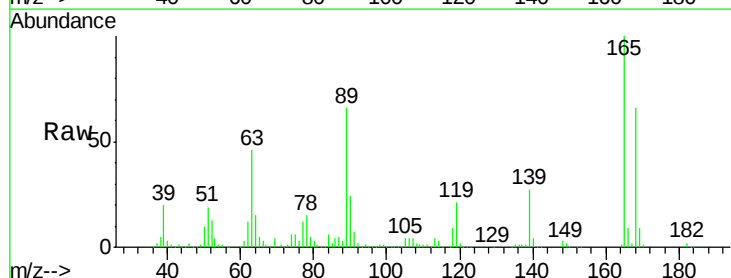
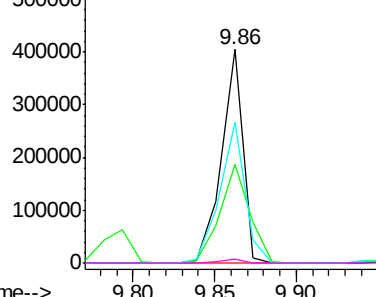
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

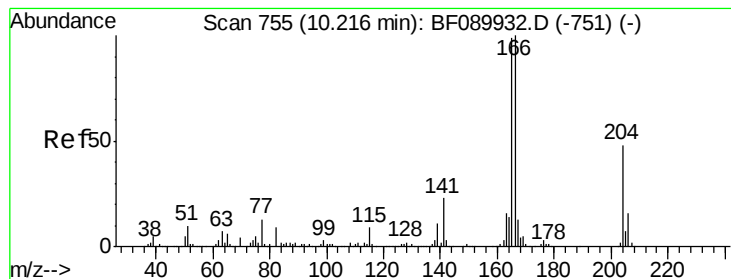


#56
2,4-Dinitrotoluene
Concen: 42.02 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	367984		
63	46.0	32.5	48.7	
89	65.7	48.3	72.5	
182	2.1	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: 41.15 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1032871

Ion Ratio Lower Upper

166 100

165 100.8 78.6 118.0

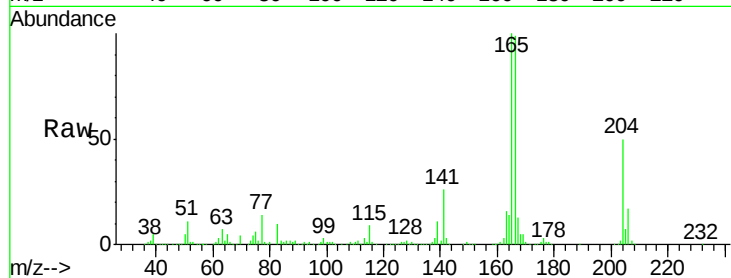
167 13.6 10.6 15.8

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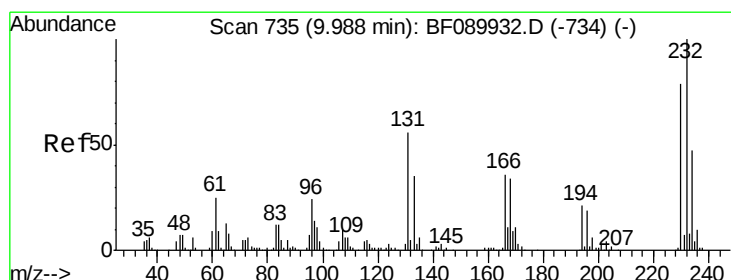
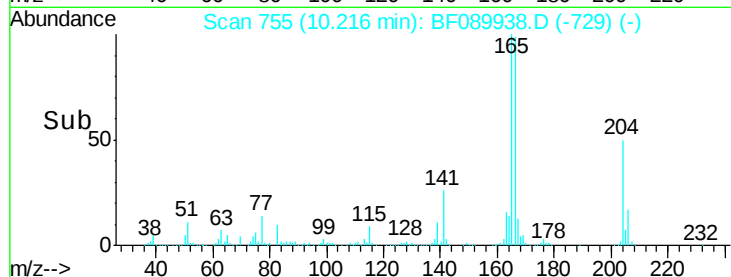
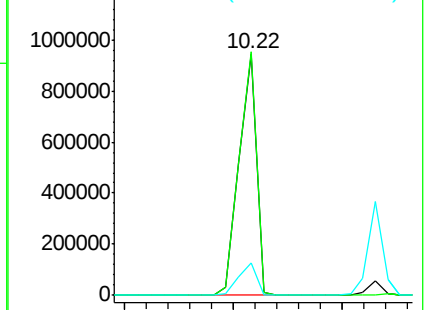
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.42 ng

RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Tgt Ion:232 Resp: 275850

Ion Ratio Lower Upper

232 100

131 44.4 36.3 54.5

130 2.0 1.7 2.5

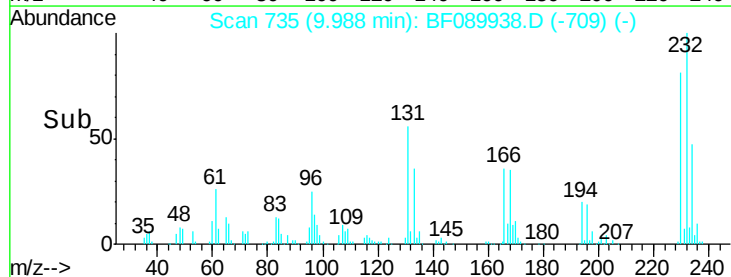
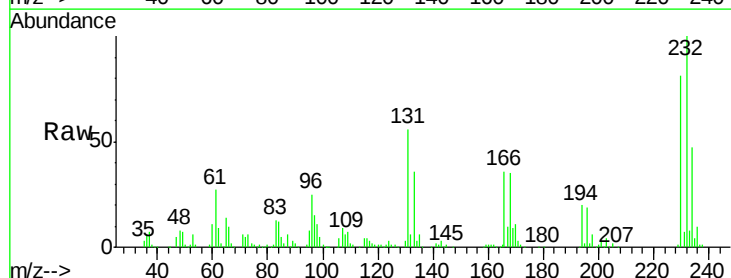
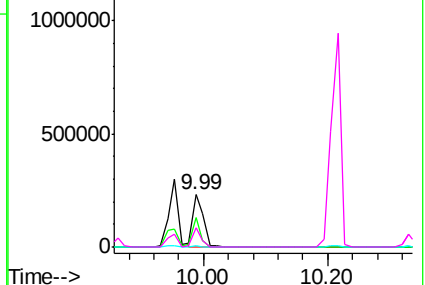
166 29.6 24.4 36.6

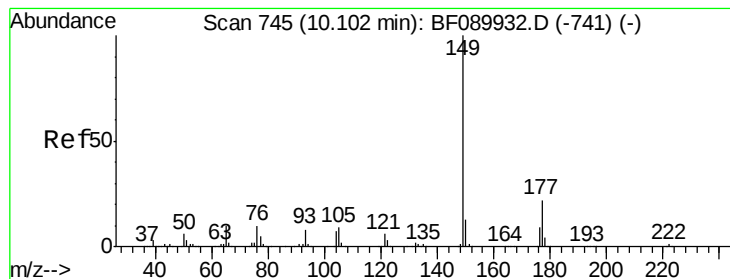
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.15 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:149 Resp: 1143659

Ion Ratio Lower Upper

149 100

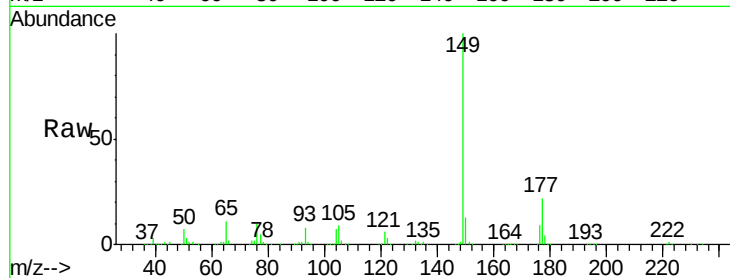
177 22.4 17.7 26.5

150 13.0 10.2 15.2

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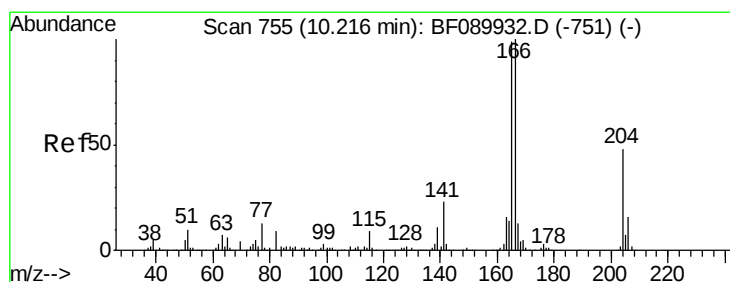
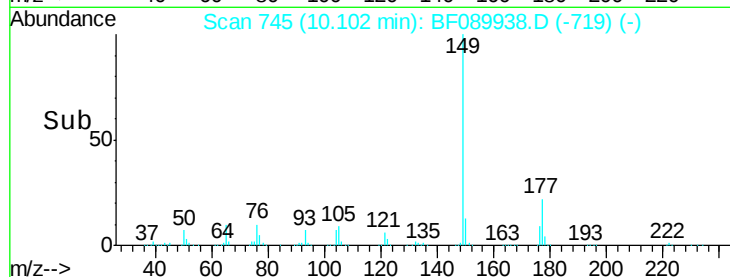
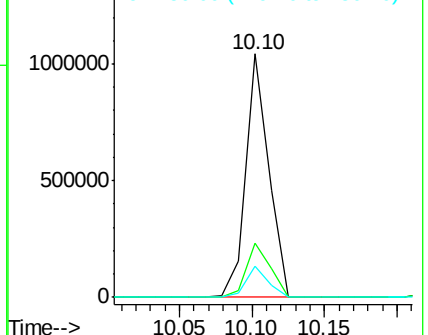
9/1/2016 11:52:25 AM



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: 41.45 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

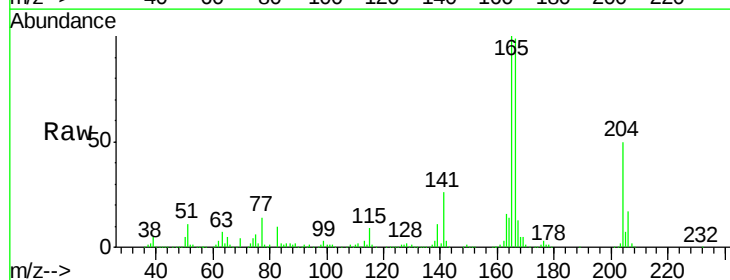
Tgt Ion:204 Resp: 489630

Ion Ratio Lower Upper

204 100

206 33.8 26.6 40.0

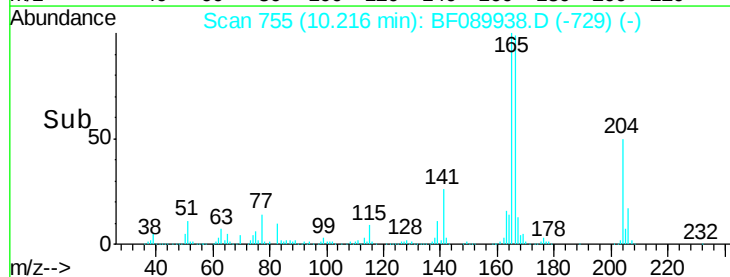
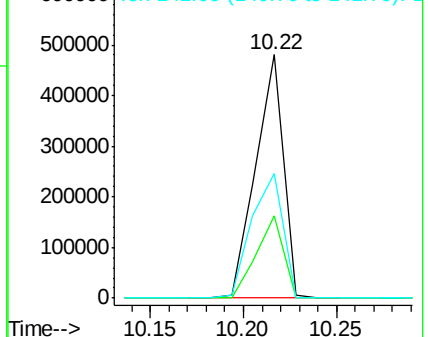
141 51.0 36.5 54.7

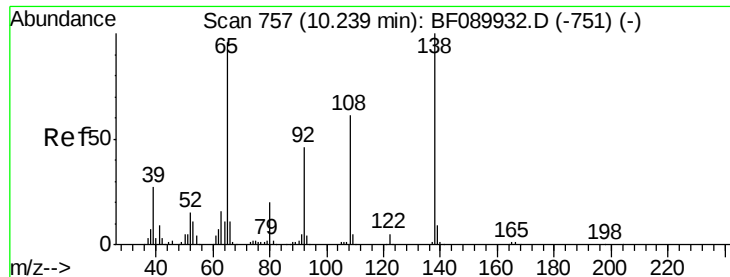


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.20 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

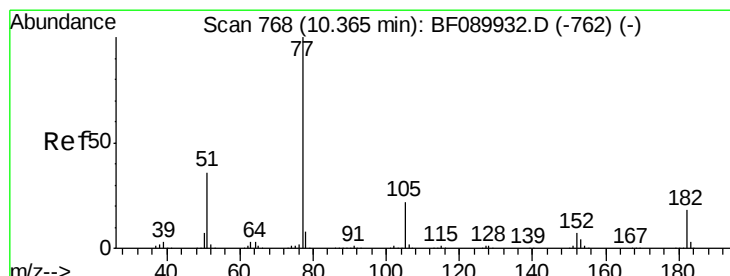
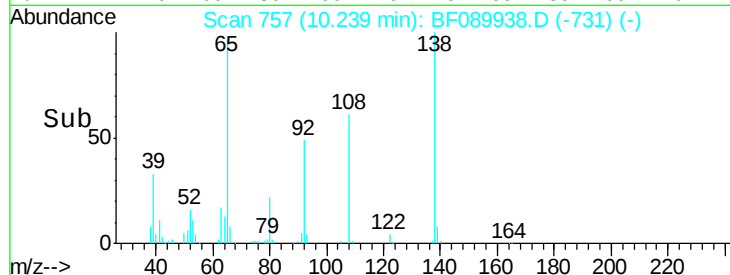
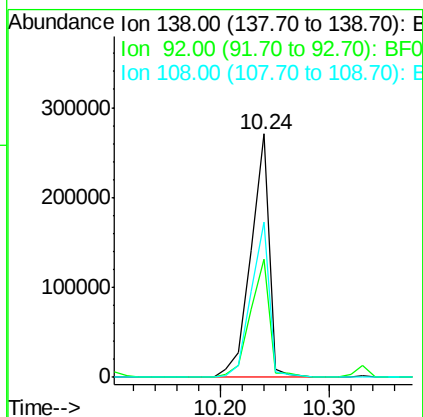
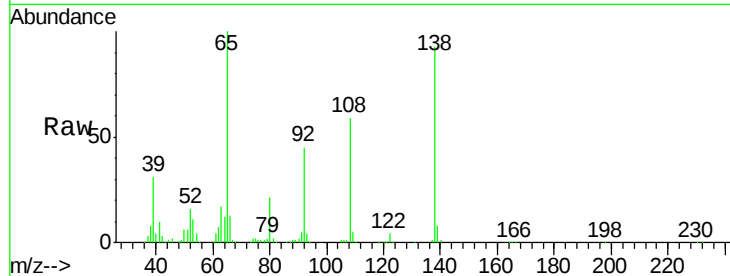
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	318836
Ion Ratio	Lower	Upper	
138	100		
92	48.7	21.2	61.2
108	63.7	37.7	77.7

Manual Integrations
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9/1/2016 11:52:25 AM



#62

Azobenzene

Concen: 39.02 ng

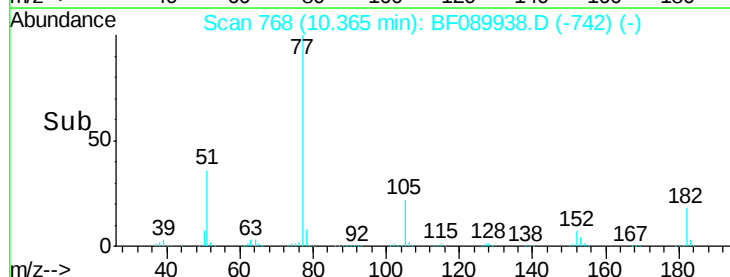
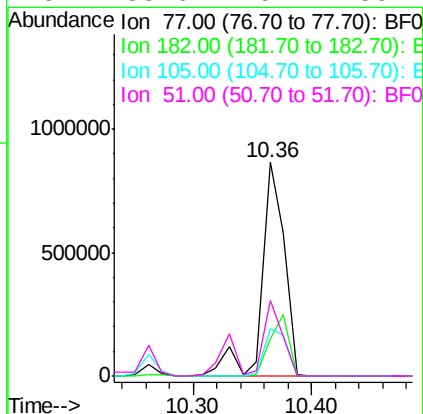
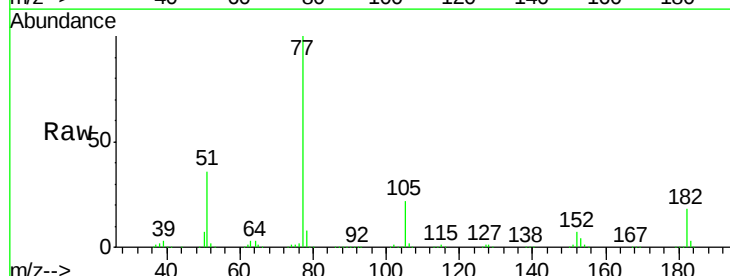
RT: 10.36 min Scan# 768

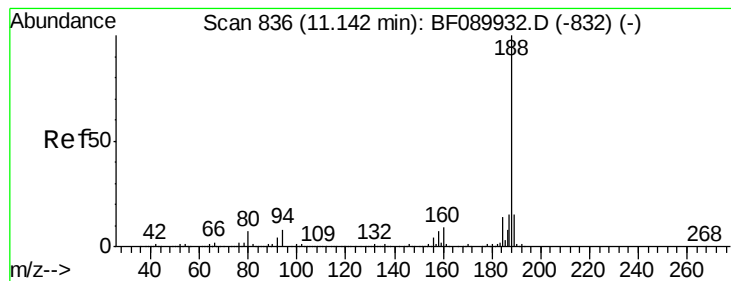
Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Tgt Ion:	77	Resp:	1138519
Ion Ratio	Lower	Upper	
77	100		
182	17.6	0.0	38.6
105	22.1	2.3	42.3
51	35.6	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: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

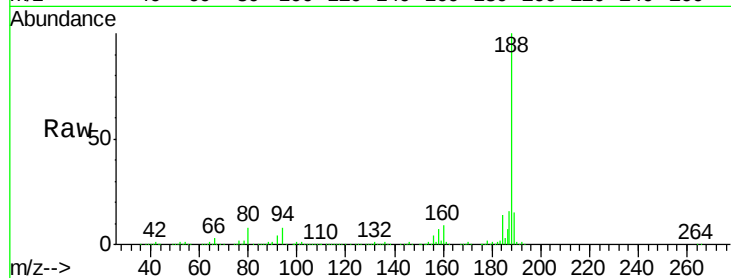
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	847662
Ion Ratio	Lower	Upper	
188	100		
94	7.7	5.9	8.9
80	7.8	5.8	8.8

Manual Integrations
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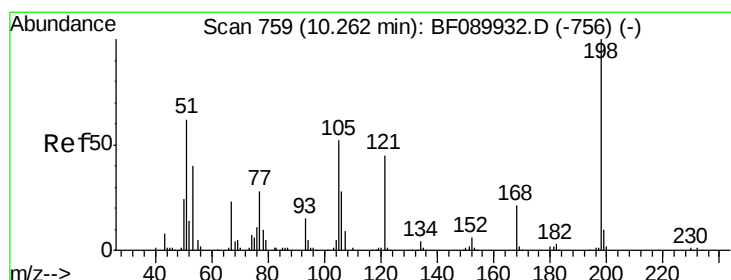
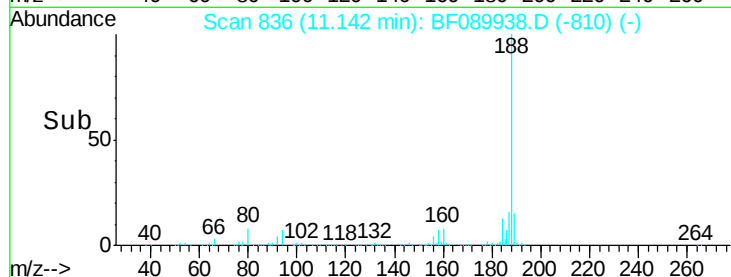
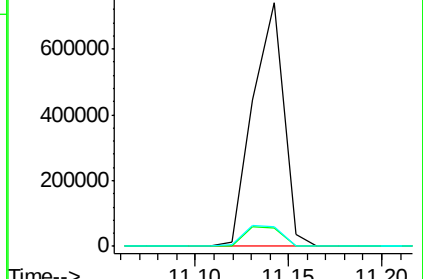
SOHIL
9/1/2016 11:52:25 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 36.53 ng

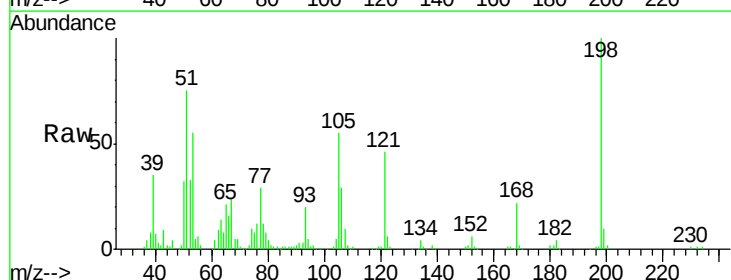
RT: 10.26 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

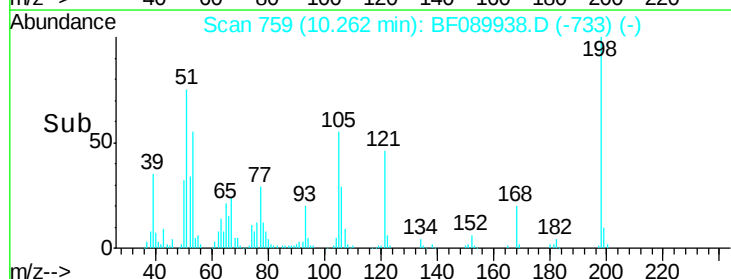
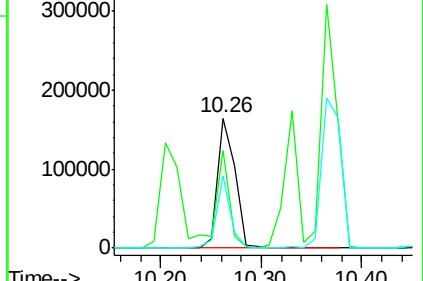
Tgt Ion:	198	Resp:	198229
Ion Ratio	Lower	Upper	
198	100		
51	74.8	43.0	83.0
105	55.1	30.3	70.3

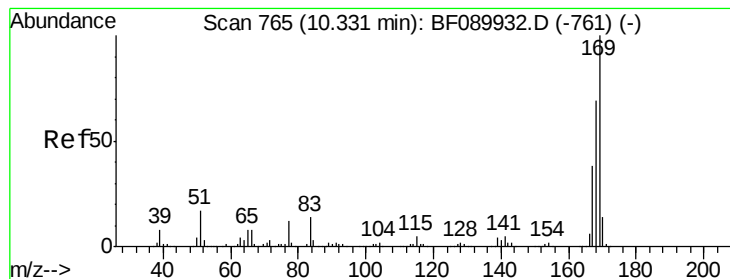


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





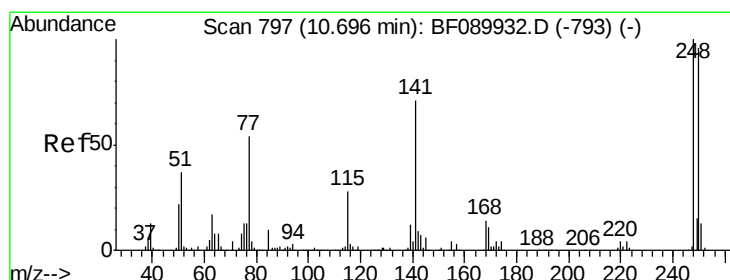
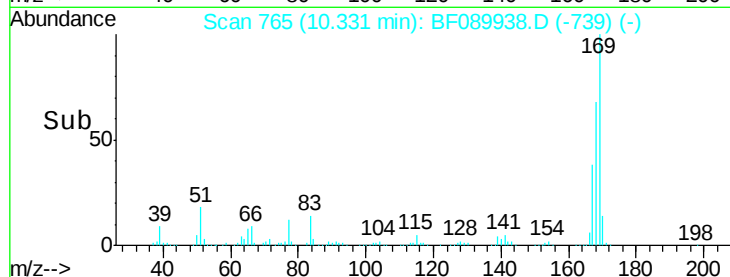
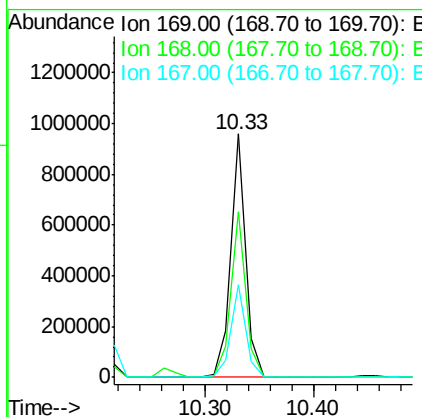
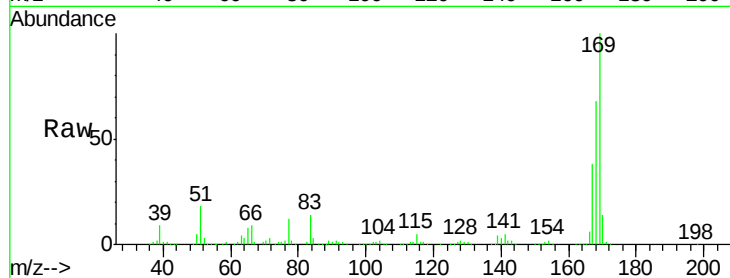
#65
n-Nitrosodiphenylamine
Concen: 35.39 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	901970		
168	68.0	55.0	82.4	
167	38.3	30.5	45.7	

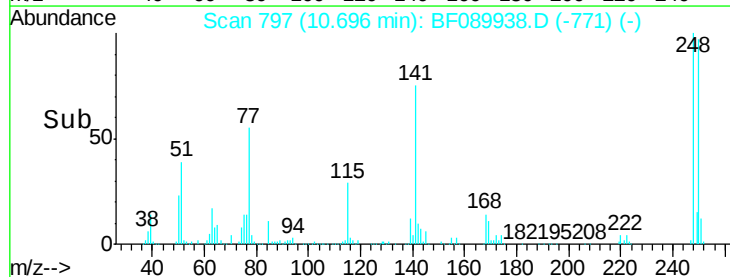
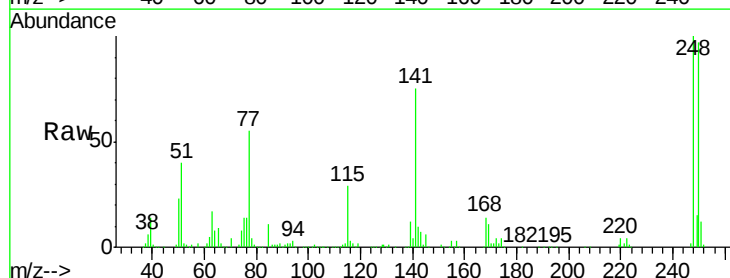
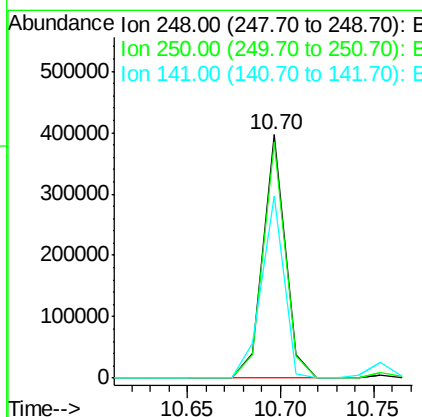
Manual Integrations
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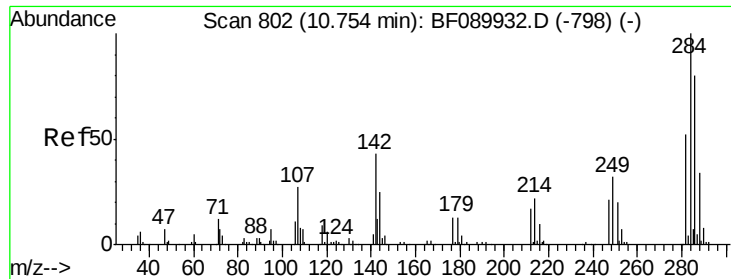
SOHIL
9/1/2016 11:52:25 AM



#66
4-Bromophenyl-phenylether
Concen: 38.28 ng
RT: 10.70 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	326626		
250	97.0	77.3	115.9	
141	75.0	55.8	83.8	





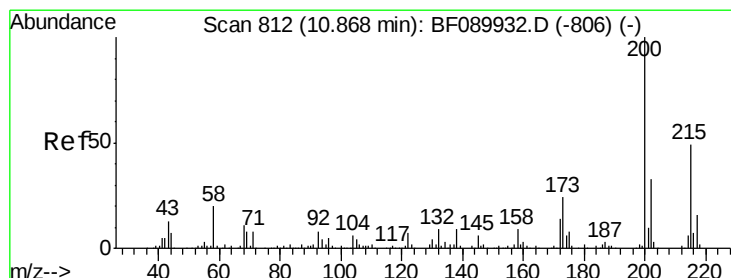
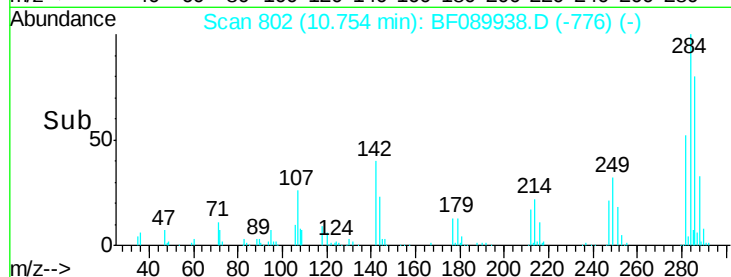
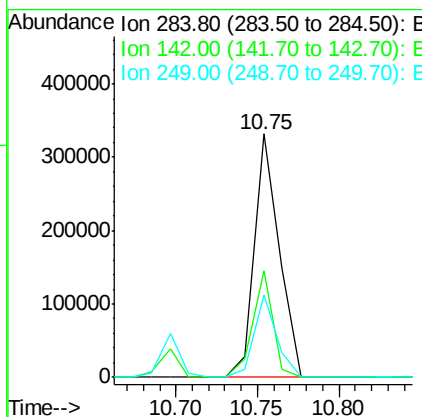
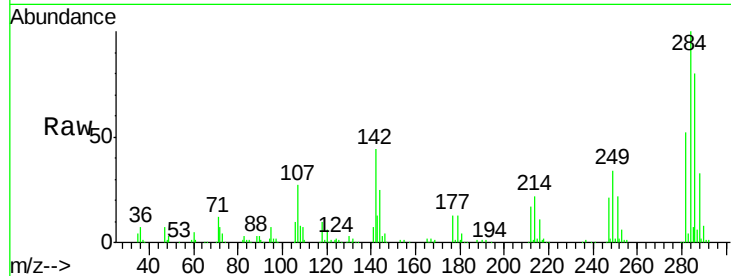
#67
Hexachlorobenzene
Concen: 35.99 ng
RT: 10.75 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	350790		
142	44.1	32.7	49.1	
249	33.7	26.9	40.3	

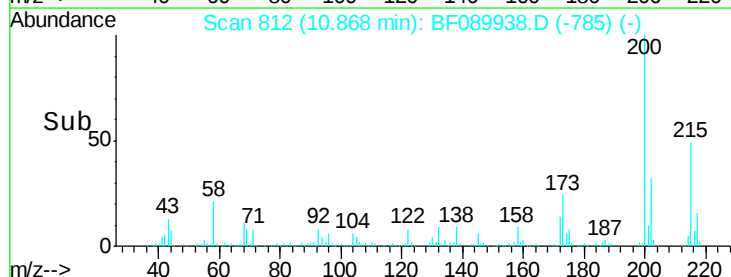
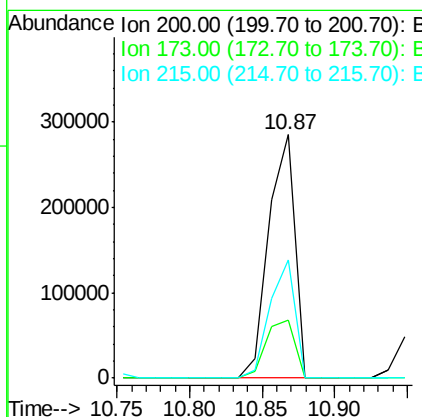
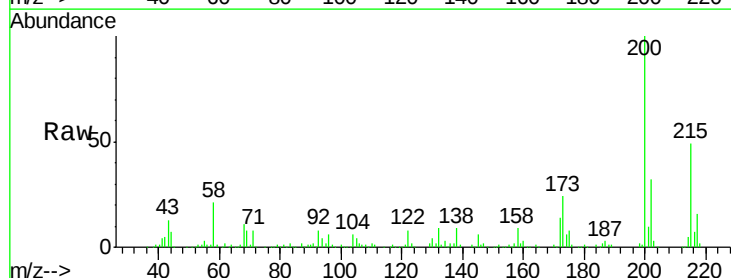
Manual Integrations
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SOHIL
9/1/2016 11:52:25 AM



#68
Atrazine
Concen: 41.89 ng
RT: 10.87 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	356393		
173	23.8	9.4	49.4	
215	48.6	24.5	64.5	





#69

Pentachlorophenol

Concen: 43.69 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

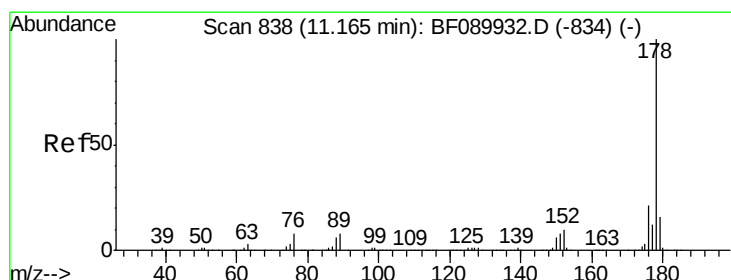
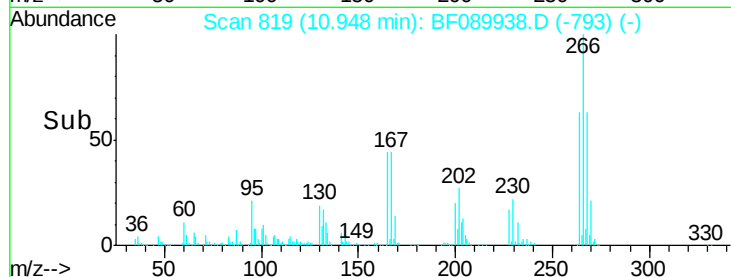
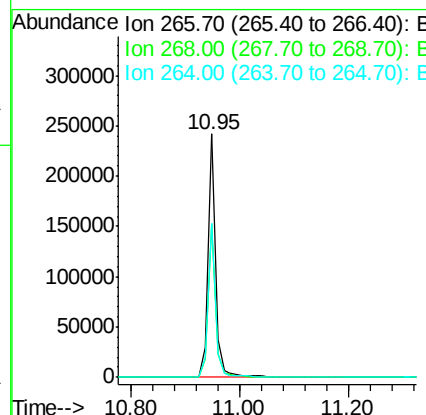
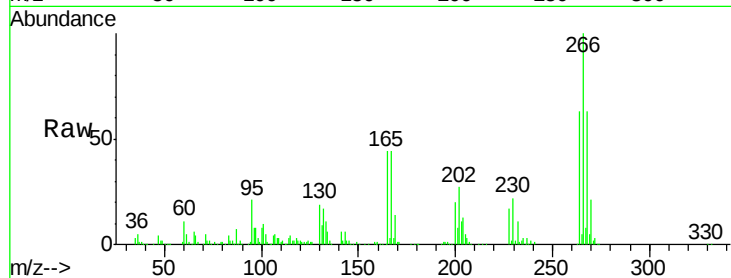
ClientSampleId :

SSTDCCC040

Tot Ion:	266	Resp:	229107
Ion Ratio		Lower	Upper
266	100		
268	62.9	51.0	76.6
264	63.5	50.6	75.8

Manual Integrations
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#70

Phenanthrene

Concen: 36.85 ng

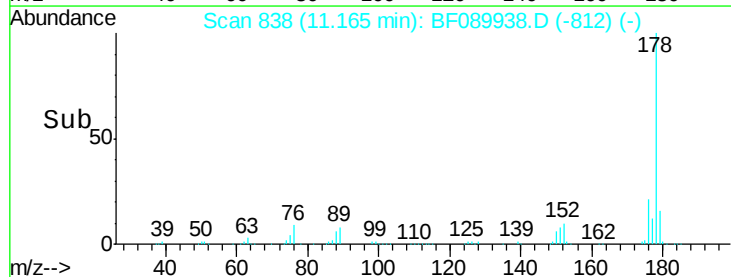
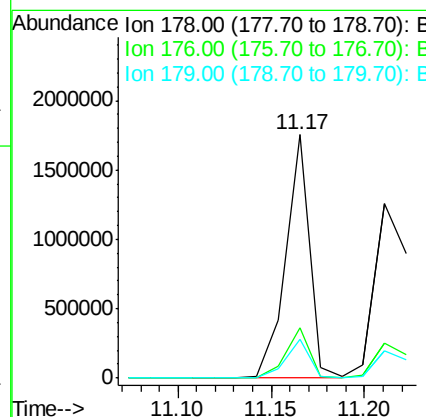
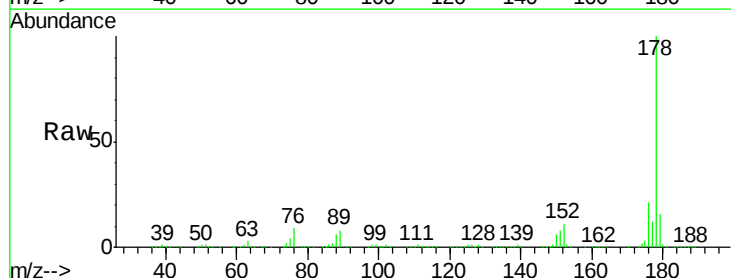
RT: 11.17 min Scan# 838

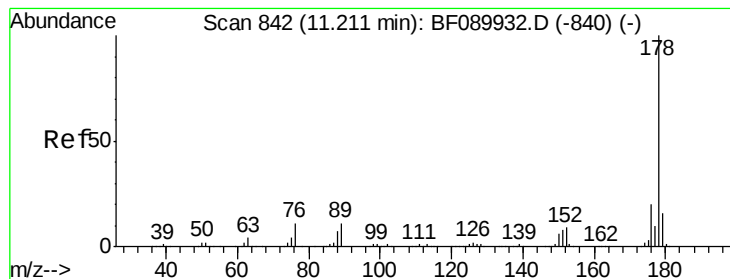
Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Tgt Ion:	178	Resp:	1555387
Ion Ratio		Lower	Upper
178	100		
176	20.8	16.5	24.7
179	15.8	12.8	19.2





#71

Anthracene

Concen: 36.72 ng

RT: 11.21 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1571919

Ion Ratio Lower Upper

178 100

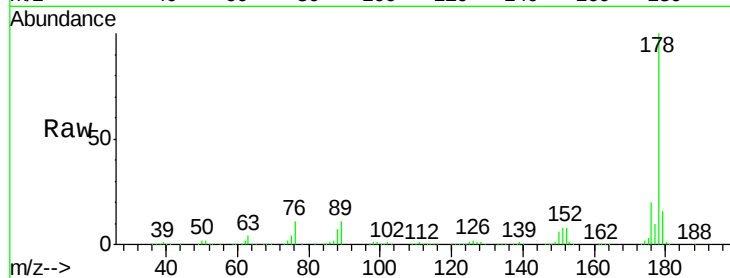
176 20.0 15.8 23.8

179 16.0 13.0 19.4

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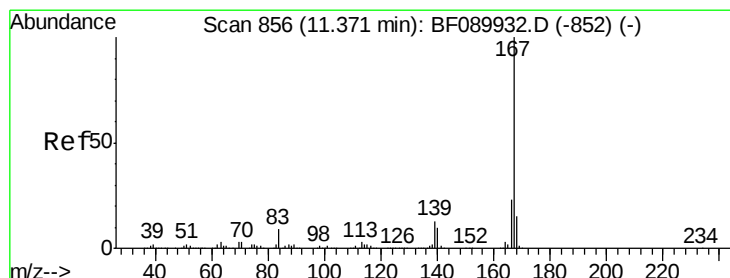
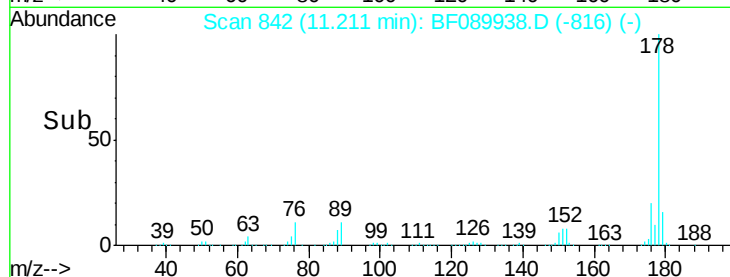
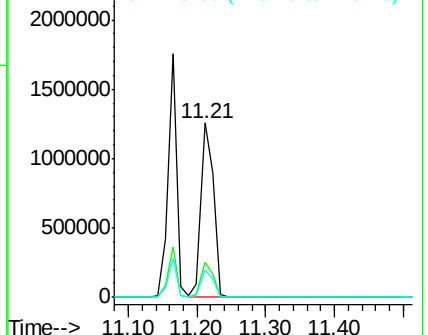
9/1/2016 11:52:25 AM



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: 35.39 ng

RT: 11.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

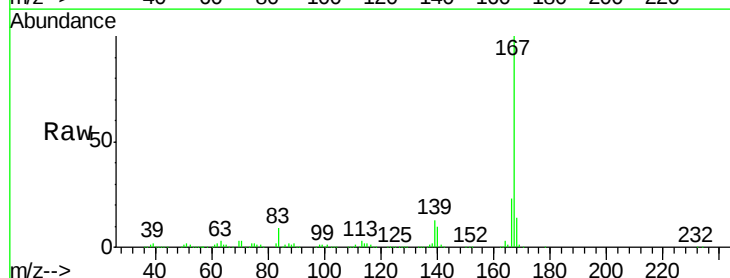
Tgt Ion:167 Resp: 1420932

Ion Ratio Lower Upper

167 100

166 22.7 18.1 27.1

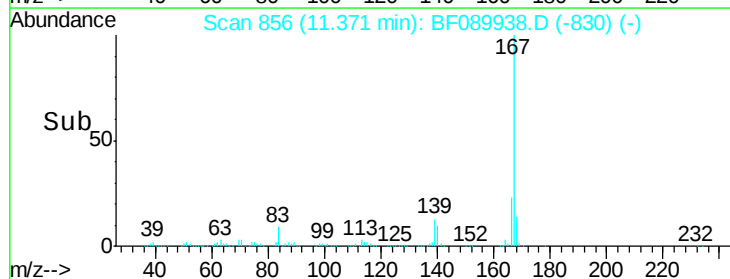
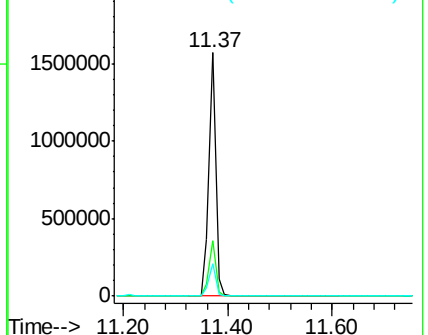
139 13.4 10.4 15.6

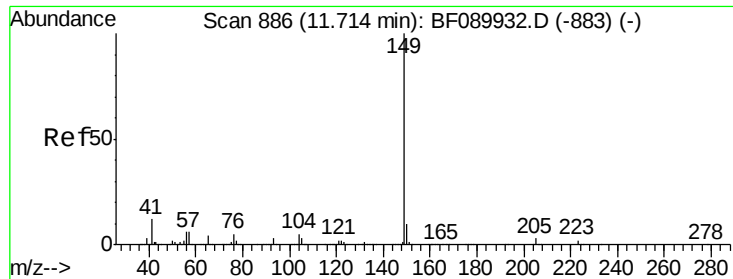


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.10 ng

RT: 11.71 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1829617

Ion Ratio Lower Upper

149 100

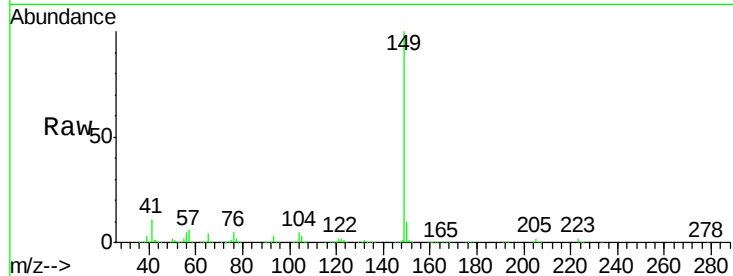
150 9.6 7.8 11.8

104 5.1 3.9 5.9

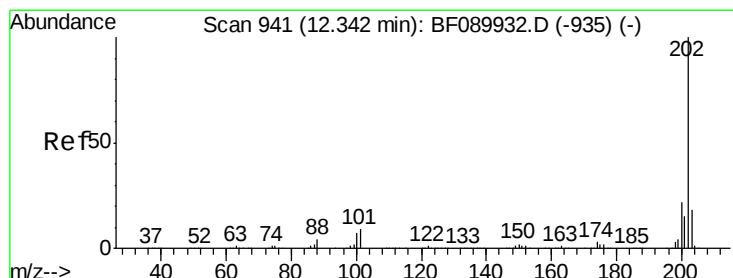
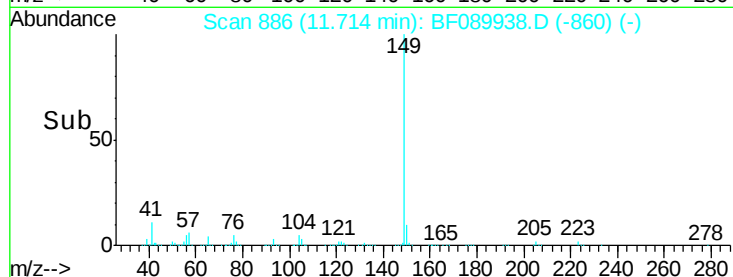
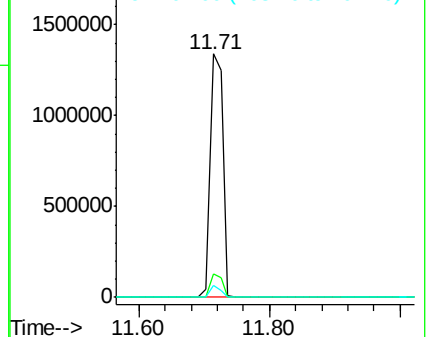
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.36 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

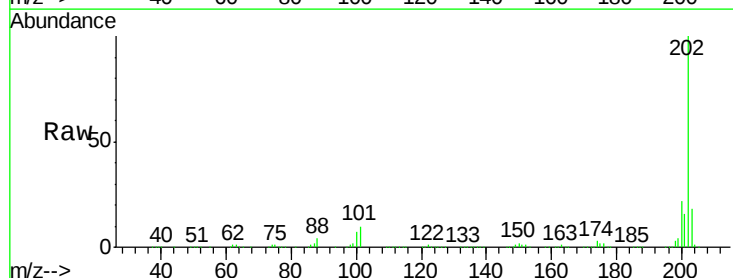
Tgt Ion:202 Resp: 1741290

Ion Ratio Lower Upper

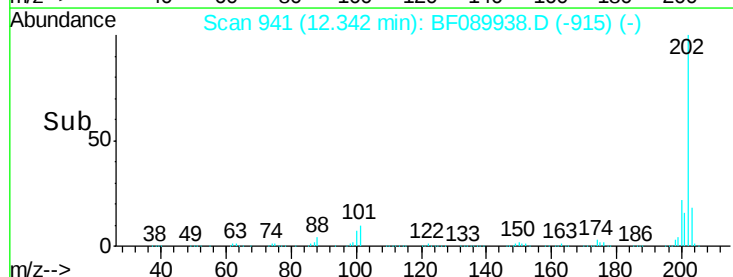
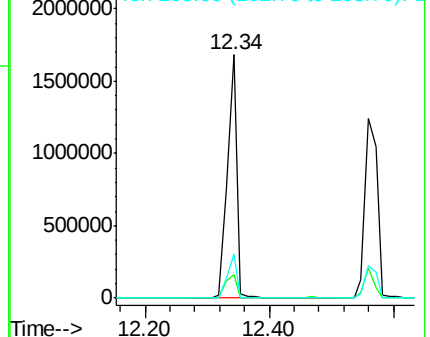
202 100

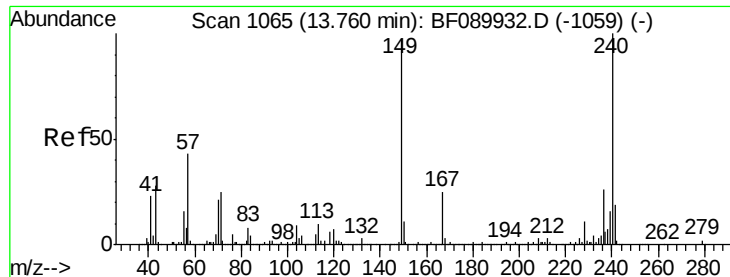
101 9.6 0.0 28.5

203 18.0 0.0 38.0



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

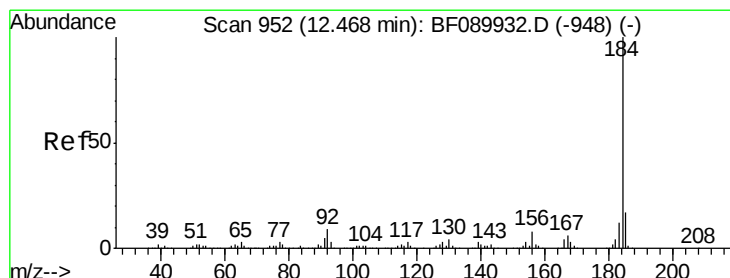
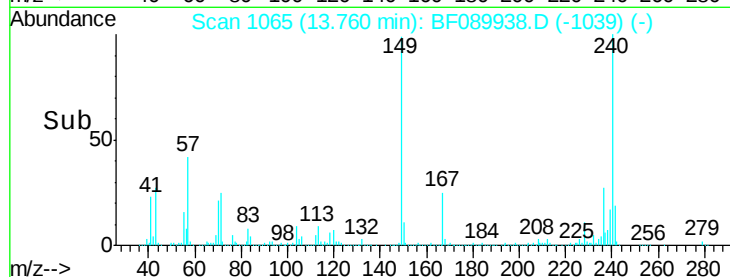
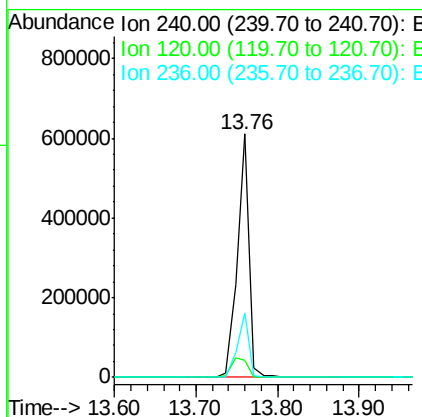
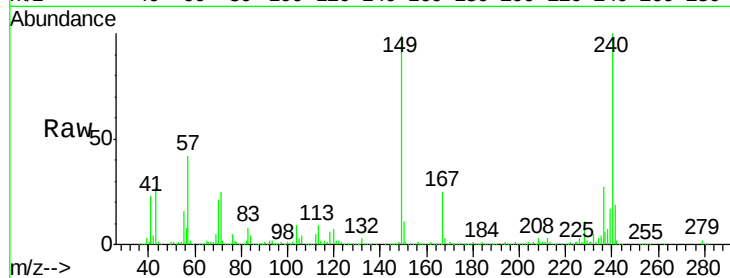
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.7	8.5
236	26.6	21.3	31.9

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#76

Benzidine

Concen: 39.81 ng

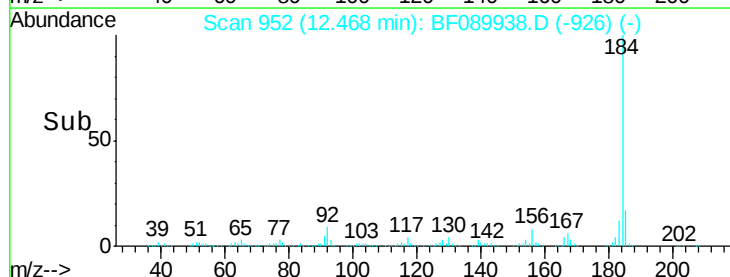
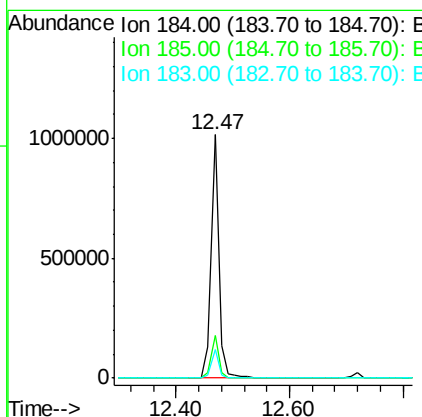
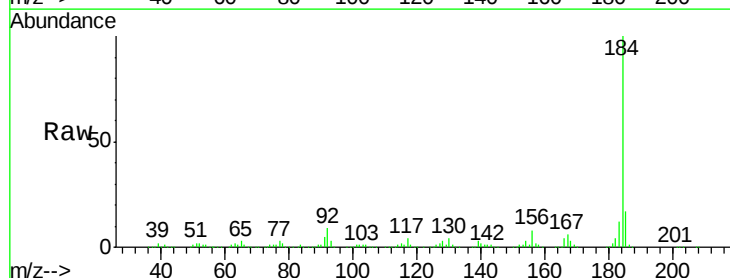
RT: 12.47 min Scan# 952

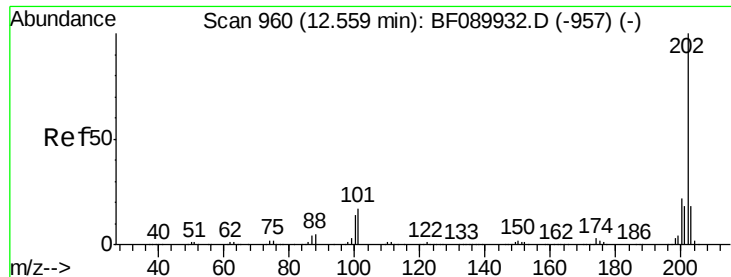
Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.3	13.8	20.8
183	11.9	9.6	14.4





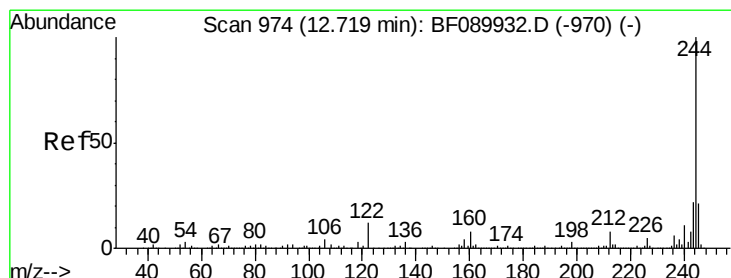
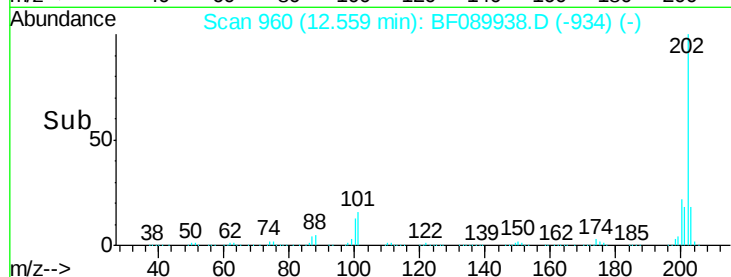
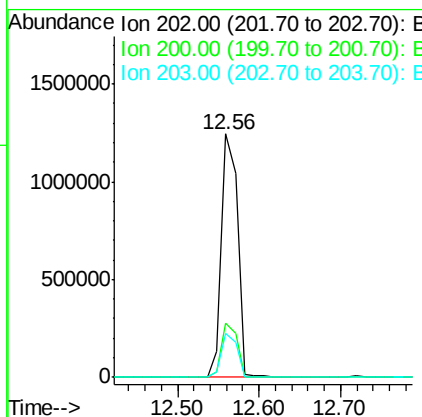
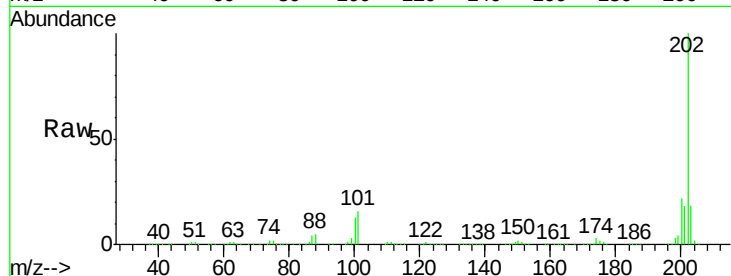
#77
Pvrene
Concen: 39.35 ng
RT: 12.56 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	18.0	14.6	21.8

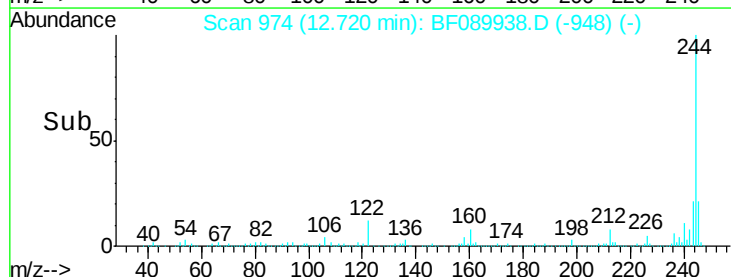
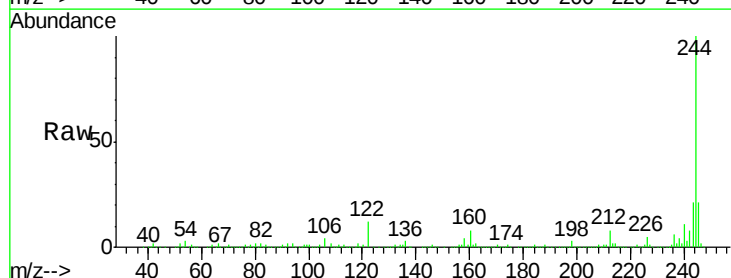
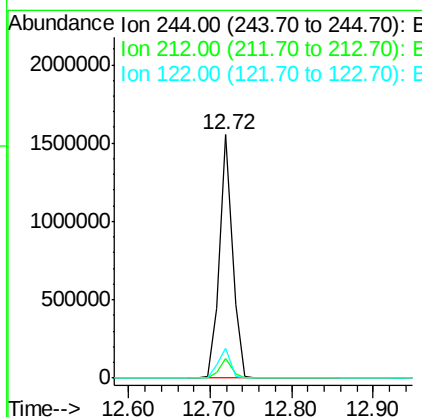
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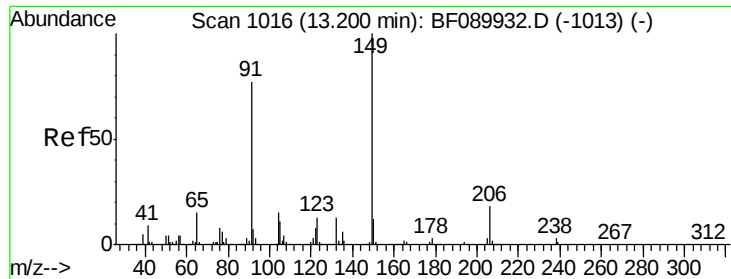
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#78
Terphenyl-d14
Concen: 69.69 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.1	9.1
122	12.1	9.6	14.4





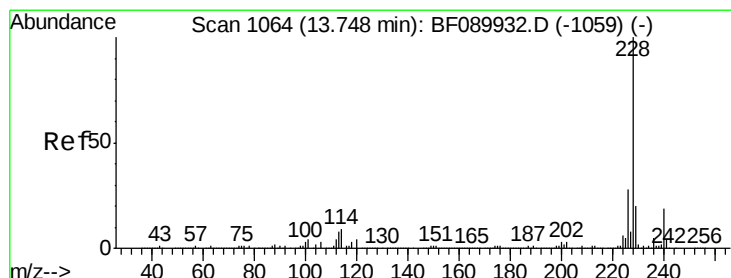
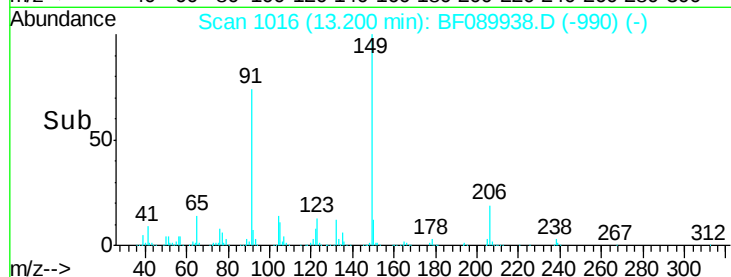
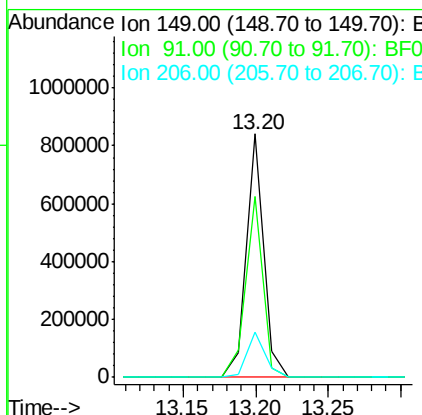
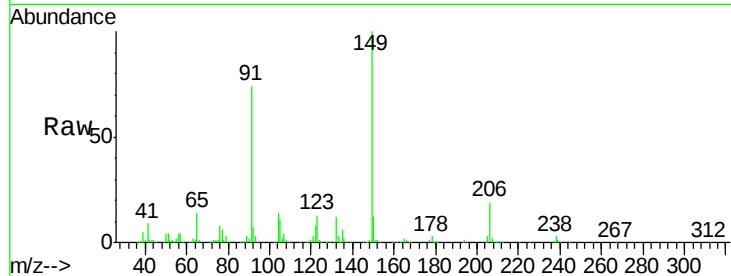
#79
Butylbenzylphthalate
Concen: 40.28 ng
RT: 13.20 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.1	60.0	90.0
206	18.6	15.1	22.7

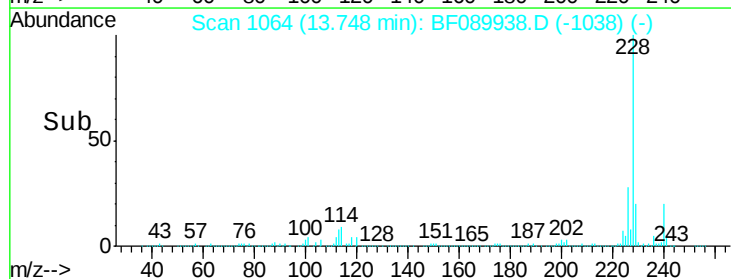
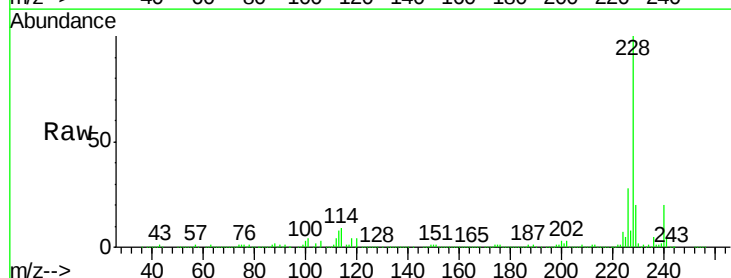
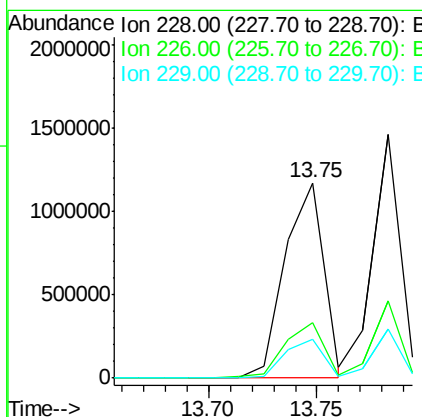
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#80
Benzo(a)anthracene
Concen: 39.17 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.2
229	20.1	15.8	23.6





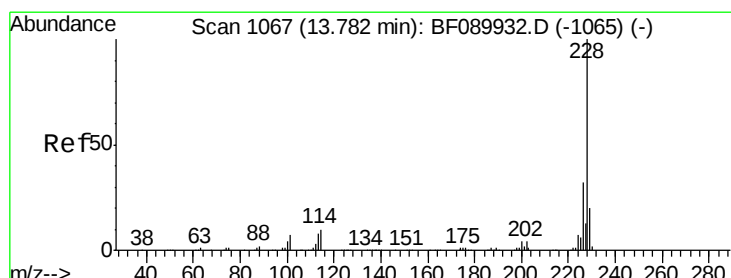
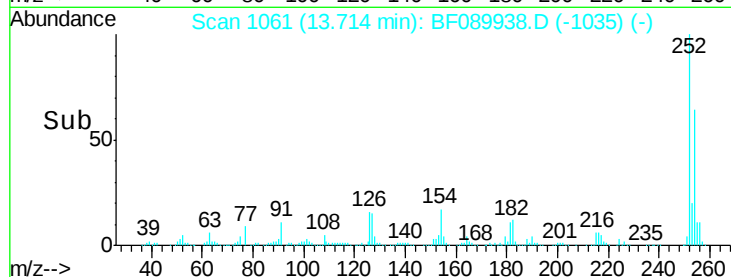
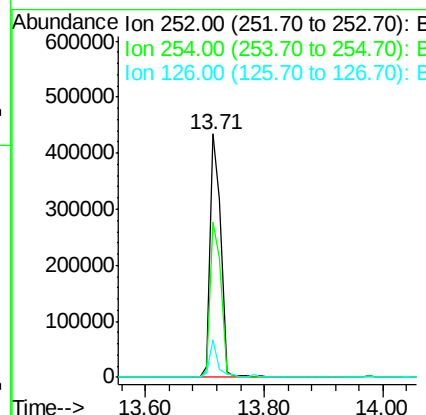
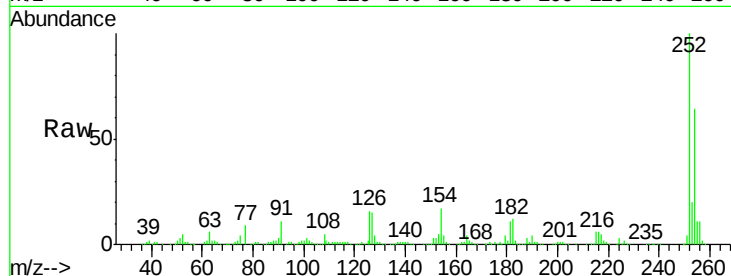
#81
 3,3'-Dichlorobenzidine
 Concen: 40.78 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.3	76.9
126	15.7	12.3	18.5

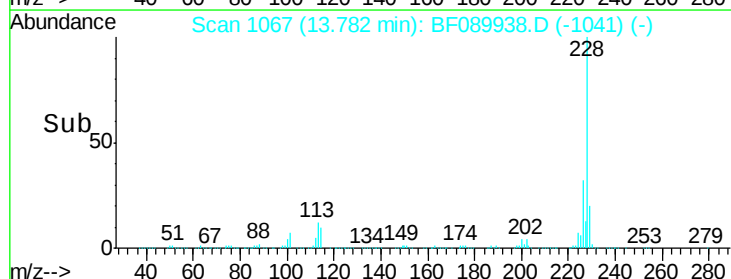
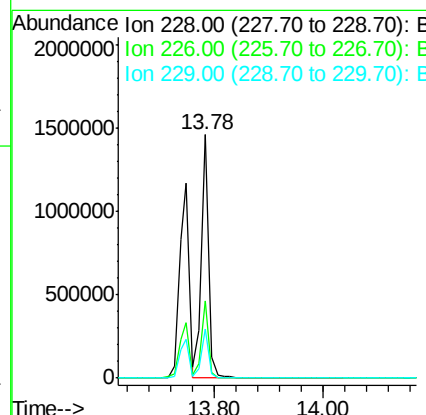
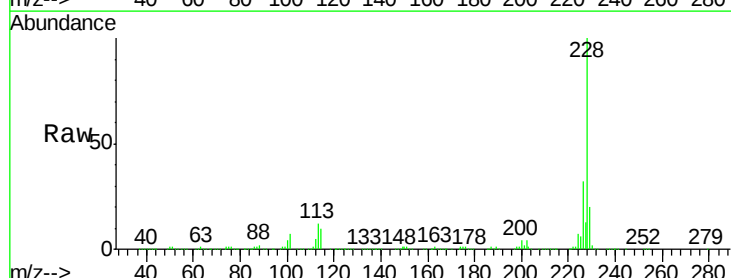
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#82
 Chrysene
 Concen: 37.93 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.2	37.8
229	20.4	16.2	24.2





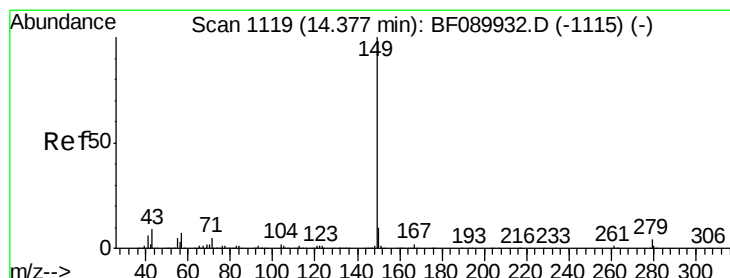
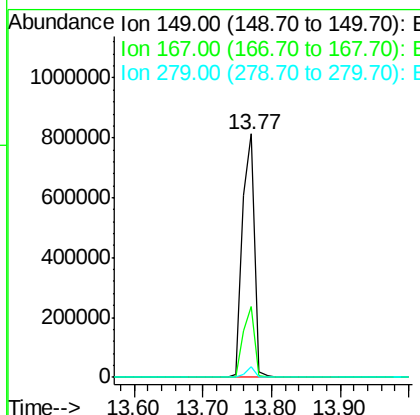
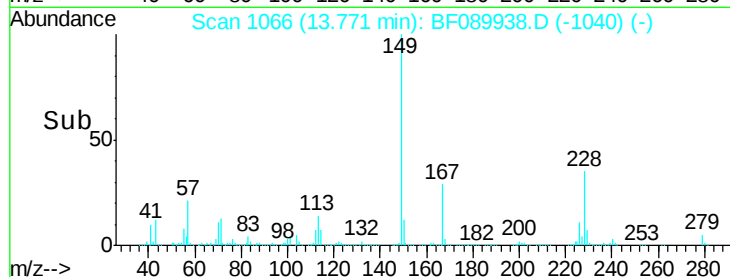
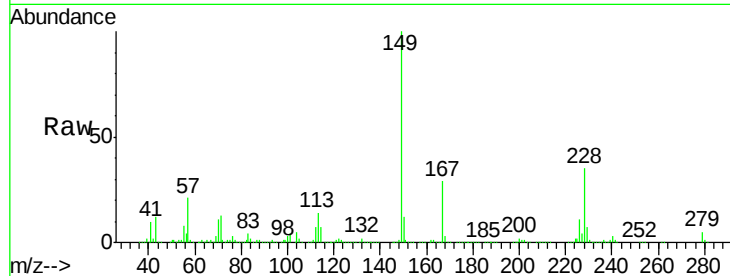
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.82 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:149 Resp: 1005283
 Ion Ratio Lower Upper
 149 100
 167 29.1 23.6 35.4
 279 4.6 3.4 5.2

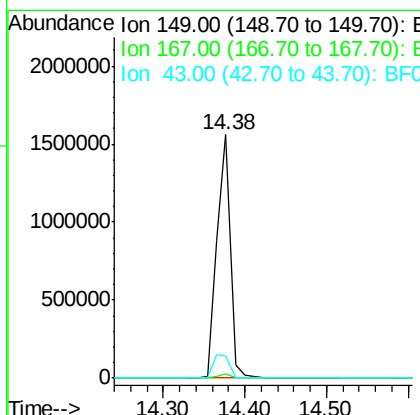
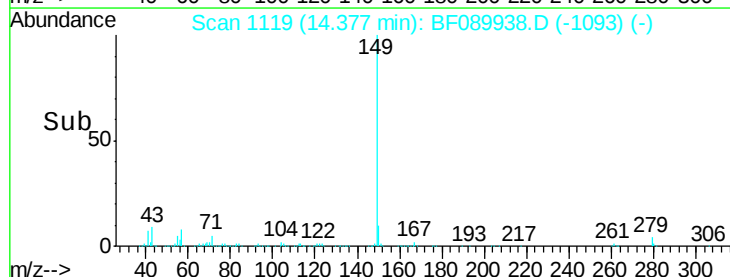
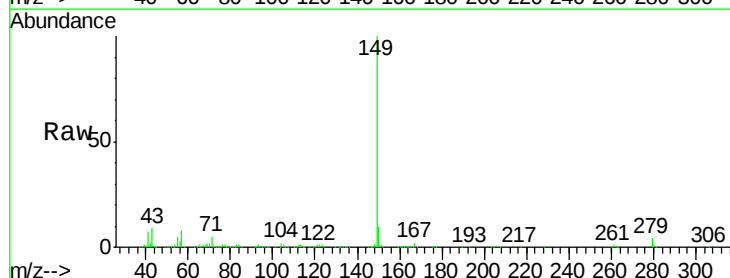
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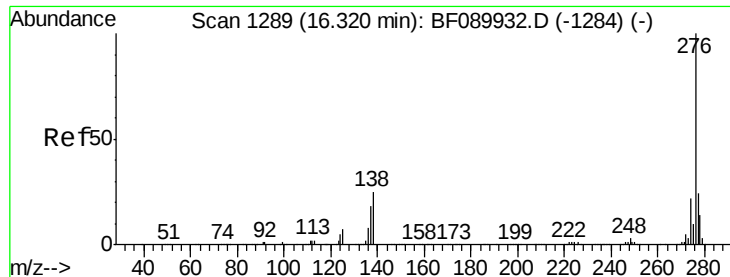
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#84
 Di-n-octyl phthalate
 Concen: 45.51 ng
 RT: 14.38 min Scan# 1119
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Tgt Ion:149 Resp: 1765761
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.9 9.3 13.9





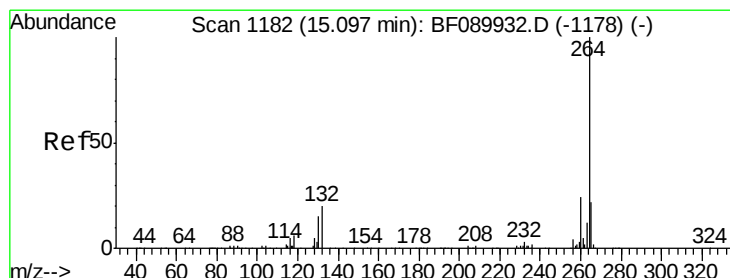
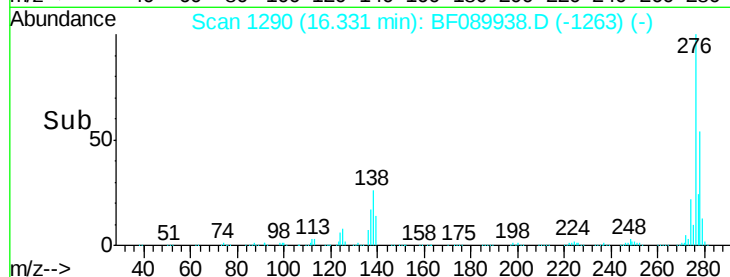
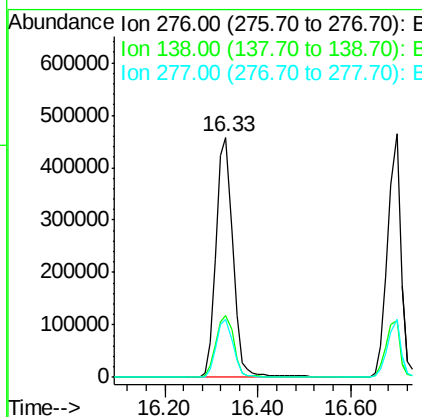
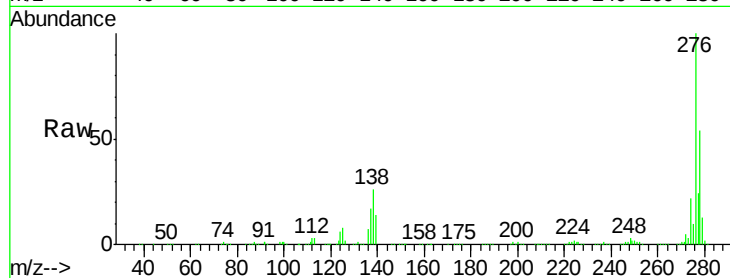
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.37 ng
RT: 16.33 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.9	22.6	34.0
277	24.8	20.1	30.1

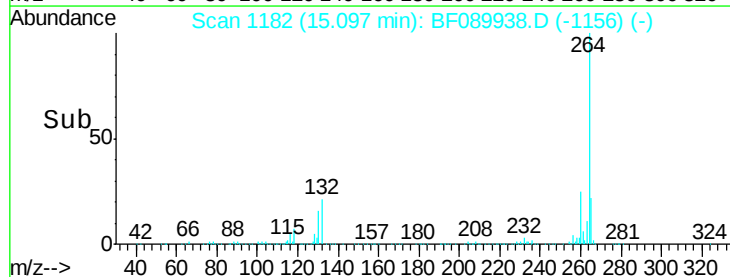
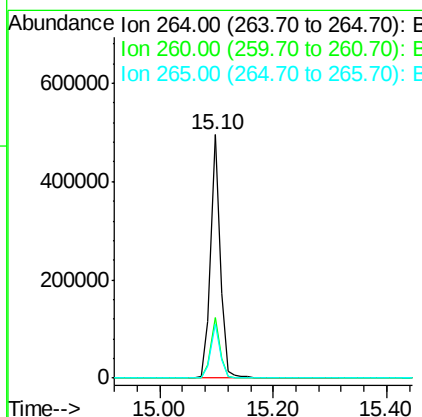
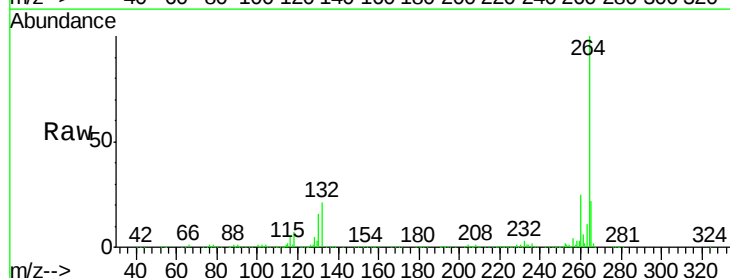
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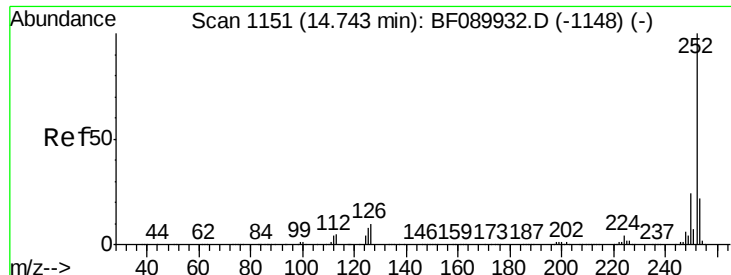
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.0
265	22.2	17.4	26.2





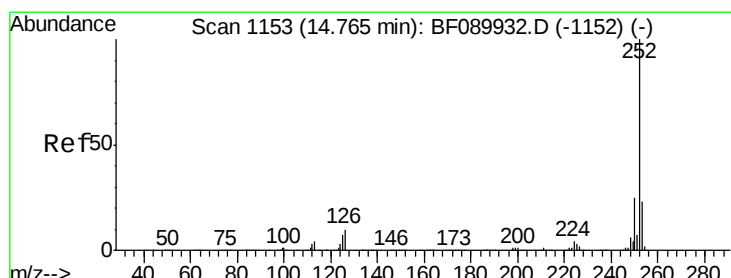
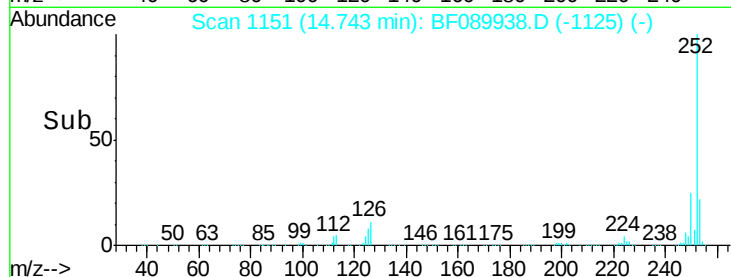
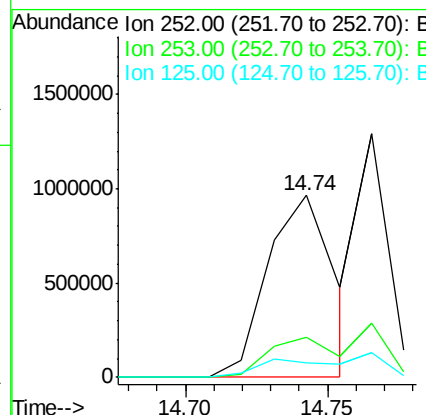
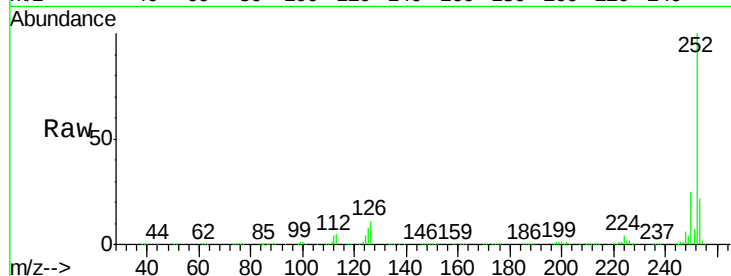
#87
Benzo(b)fluoranthene
Concen: 43.88 ng m
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1548495
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 7.8 5.7 8.5

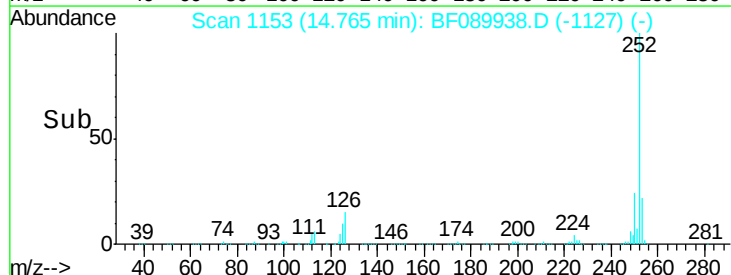
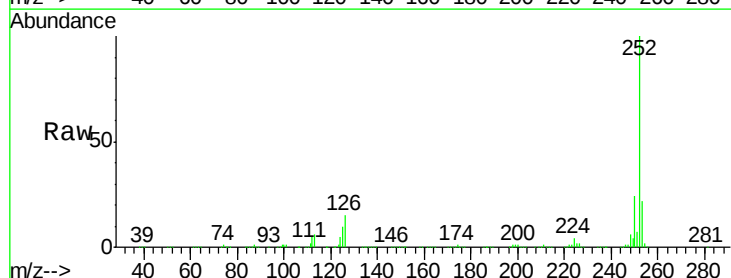
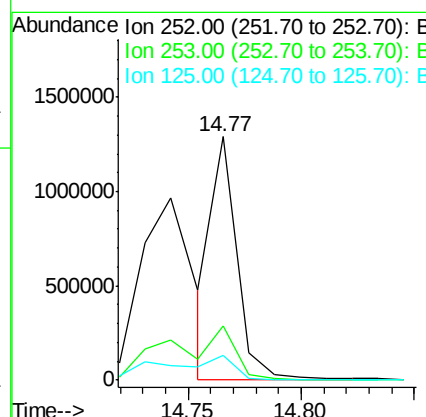
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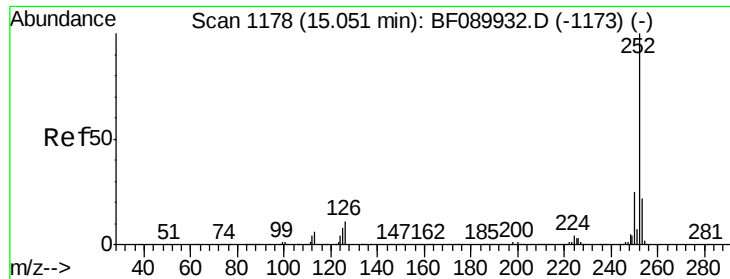
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#88
Benzo(k)fluoranthene
Concen: 34.20 ng m
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion:252 Resp: 1024324
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 10.2 7.3 10.9





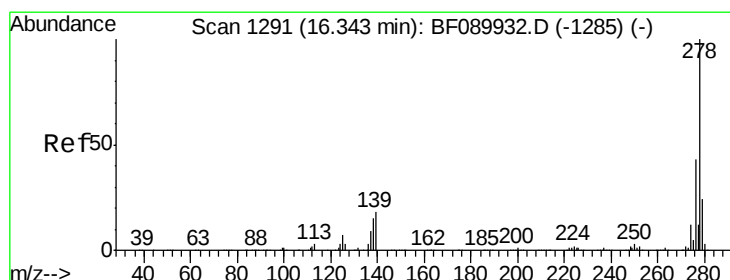
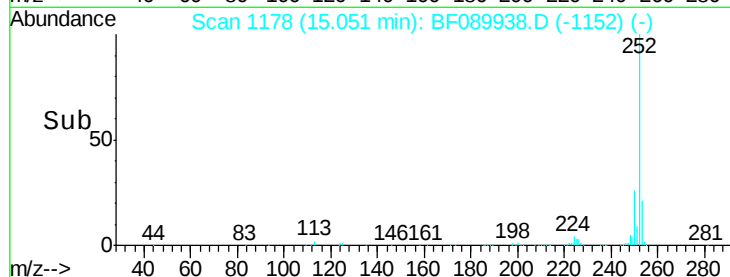
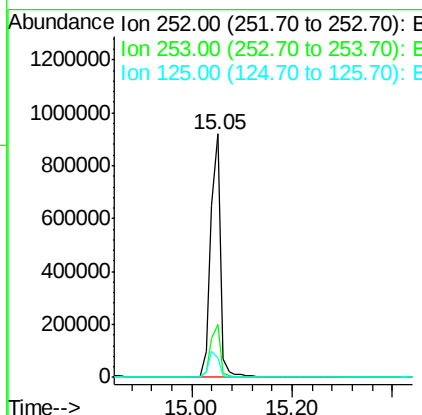
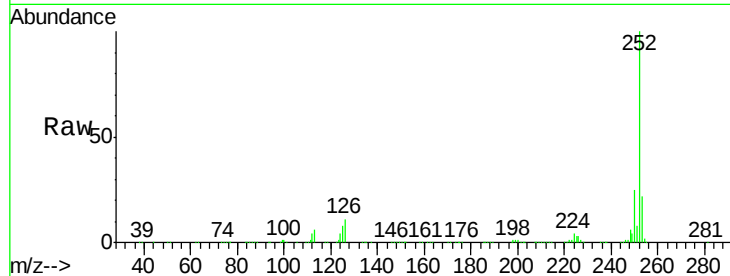
#89
Benzo(a)pyrene
Concen: 40.98 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	8.3	6.3	9.5

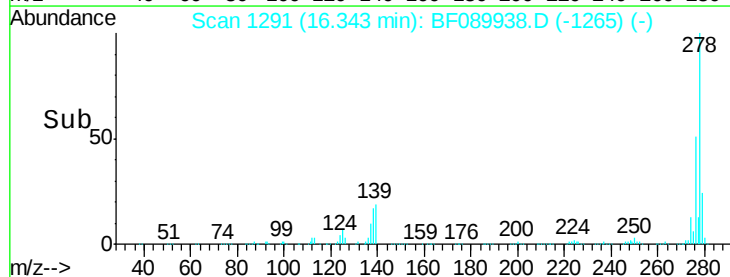
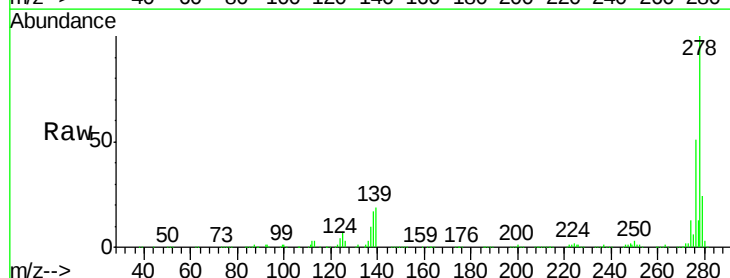
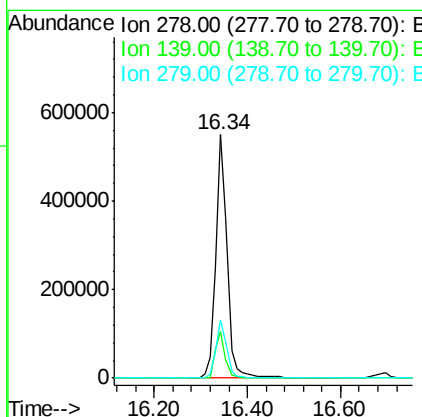
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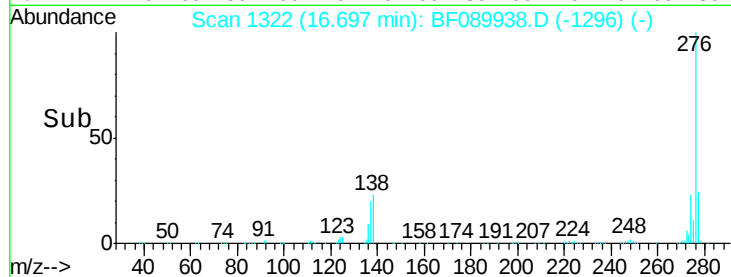
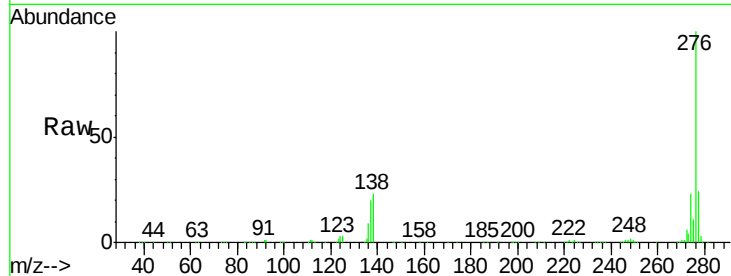
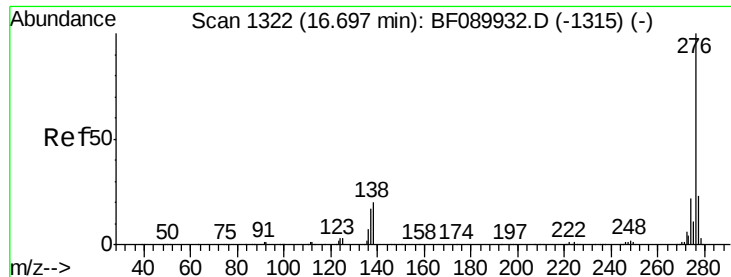
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#90
Dibenzo(a,h)anthracene
Concen: 42.33 ng
RT: 16.34 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	13.4	20.2
279	23.9	19.4	29.2





#91
 Benzo(a,h,i)perylene
 Concen: 41.27 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.8	19.0	28.4
138	23.3	16.4	24.6

Manual Integrations
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