

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
 Data File : BF089954.D
 Acq On : 31 Aug 2016 17:00
 Operator : UM/SJ
 Sample : PB93165BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93165BS

Manual Integrations
 APPROVED

SOHIL
 9/1/2016 11:54:00 AM

Quant Time: Aug 31 18:35:31 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	186623	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	723529	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	341888	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	608936	20.00	ng	0.00
75) Chrysene-d12	13.76	240	390788	20.00	ng	0.00
86) Perylene-d12	15.10	264	424066	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1369586	117.47	ng	0.01
7) Phenol-d6	6.28	99	1685798	118.99	ng	0.01
23) Nitrobenzene-d5	7.21	82	1094196	87.71	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	411394	121.97	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1906233	91.53	ng	0.00
78) Terphenyl-d14	12.72	244	1369702	86.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	207719	37.60	ng	99
3) Pyridine	2.80	79	560549	38.03	ng	97
4) n-Nitrosodimethylamine	2.75	42	329217	45.30	ng	99
6) Aniline	6.30	93	528390	27.33	ng	# 51
8) 2-Chlorophenol	6.42	128	551011	43.56	ng	93
9) Benzaldehyde	6.17	77	104998	11.49	ng	90
10) Phenol	6.30	94	585835	35.56	ng	93
11) bis(2-Chloroethyl)ether	6.39	93	568186	45.57	ng	86
12) 1,3-Dichlorobenzene	6.58	146	616350	43.63	ng	99
13) 1,4-Dichlorobenzene	6.65	146	607173	42.01	ng	100
14) 1,2-Dichlorobenzene	6.81	146	598195	46.16	ng	98
15) Benzyl Alcohol	6.79	79	398849	44.94	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1082579	45.54	ng	98
17) 2-Methylphenol	6.91	107	498893	49.39	ng	97
18) Hexachloroethane	7.15	117	217140	43.86	ng	98
19) n-Nitroso-di-n-propylamine	7.07	70	422110	45.72	ng	98
20) 3+4-Methylphenols	7.06	107	523537	42.76	ng	99
22) Acetophenone	7.05	105	688413	42.41	ng	# 93
24) Nitrobenzene	7.22	77	539991	40.71	ng	98
25) Isophorone	7.47	82	1116467	44.01	ng	98
26) 2-Nitrophenol	7.54	139	287103	45.28	ng	99
27) 2,4-Dimethylphenol	7.60	122	559694	47.72	ng	93
28) bis(2-Chloroethoxy)methane	7.69	93	744232	48.64	ng	99
29) 2,4-Dichlorophenol	7.78	162	475846	45.26	ng	99
30) 1,2,4-Trichlorobenzene	7.87	180	543757	47.30	ng	100
31) Naphthalene	7.94	128	1508124	41.84	ng	100
32) Benzoic acid	7.72	122	273566	34.63	ng	87
33) 4-Chloroaniline	8.00	127	282466	19.42	ng	95
34) Hexachlorobutadiene	8.07	225	289708	43.01	ng	99
35) Caprolactam	8.36	113	155276	46.79	ng	92
36) 4-Chloro-3-methylphenol	8.49	107	504674	45.32	ng	88
37) 2-Methylnaphthalene	8.64	142	1132090	47.53	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	387805	38.72	ng	99
40) Hexachlorocyclopentadiene	8.80	237	372802	72.59	ng	96

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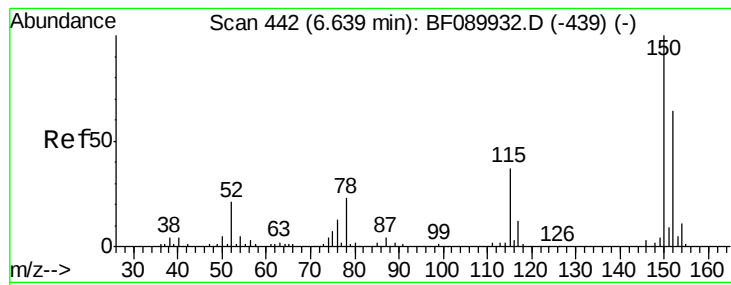
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	332168	47.86	ng	100
43) 2,4,5-Trichlorophenol	8.96	196	342605	51.33	ng #	92
45) 1,1'-Biphenyl	9.10	154	1069370	38.85	ng	100
46) 2-Chloronaphthalene	9.12	162	926202	47.56	ng	99
47) 2-Nitroaniline	9.22	65	337279	52.98	ng #	63
48) Acenaphthylene	9.53	152	1431625	44.46	ng	99
49) Dimethylphthalate	9.40	163	1127321	45.62	ng	99
50) 2,6-Dinitrotoluene	9.46	165	249345	45.37	ng	95
51) Acenaphthene	9.70	154	952892	46.71	ng	100
52) 3-Nitroaniline	9.62	138	160965	25.68	ng	99
53) 2,4-Dinitrophenol	9.74	184	162575	52.68	ng #	55
54) Dibenzofuran	9.87	168	1283343	46.94	ng	99
55) 4-Nitrophenol	9.79	139	374655	79.24	ng #	62
56) 2,4-Dinitrotoluene	9.86	165	312727	44.87	ng #	85
57) Fluorene	10.22	166	981719	49.15	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	282506	49.44	ng	95
59) Diethylphthalate	10.10	149	1066272	45.87	ng	99
60) 4-Chlorophenyl-phenylether	10.22	204	466321	49.61	ng	95
61) 4-Nitroaniline	10.24	138	267687	43.46	ng	98
62) Azobenzene	10.36	77	1124983	48.45	ng	99
64) 4,6-Dinitro-2-methylphenol	10.26	198	119857	30.74	ng	99
65) n-Nitrosodiphenylamine	10.33	169	864847	47.24	ng	100
66) 4-Bromophenyl-phenylether	10.70	248	303962	49.58	ng	98
67) Hexachlorobenzene	10.75	284	298929	42.69	ng	99
68) Atrazine	10.87	200	314086	51.39	ng	91
69) Pentachlorophenol	10.95	266	306010	81.23	ng	97
70) Phenanthrene	11.16	178	1427595	47.08	ng	99
71) Anthracene	11.21	178	1358372	44.17	ng	100
72) Carbazole	11.37	167	1238152	42.93	ng	99
73) Di-n-butylphthalate	11.71	149	1599254	47.58	ng	100
74) Fluoranthene	12.34	202	1375558	43.29	ng	99
76) Benzidine	12.47	184	638237	43.11	ng	96
77) Pyrene	12.56	202	1236624	44.88	ng	99
79) Butylbenzylphthalate	13.20	149	559012	50.31	ng	100
80) Benzo(a)anthracene	13.75	228	1138861	47.58	ng	100
81) 3,3'-Dichlorobenzidine	13.71	252	350084	40.52	ng	99
82) Chrysene	13.78	228	1090428	48.77	ng	100
83) Bis(2-ethylhexyl)phthalate	13.77	149	773867	50.35	ng	100
84) Di-n-octyl phthalate	14.38	149	1348939	54.38	ng	99
85) Indeno(1,2,3-cd)pyrene	16.33	276	1165764	70.53	ng	99
87) Benzo(b)fluoranthene	14.74	252	1257894m	47.35	ng	
88) Benzo(k)fluoranthene	14.77	252	860307m	38.16	ng	
89) Benzo(a)pyrene	15.05	252	1094986	48.11	ng #	98
90) Dibenzo(a,h)anthracene	16.35	278	977297	58.60	ng	98
91) Benzo(g,h,i)perylene	16.70	276	959009	57.13	ng #	95

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



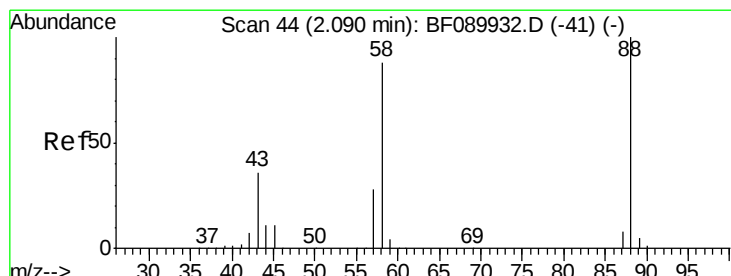
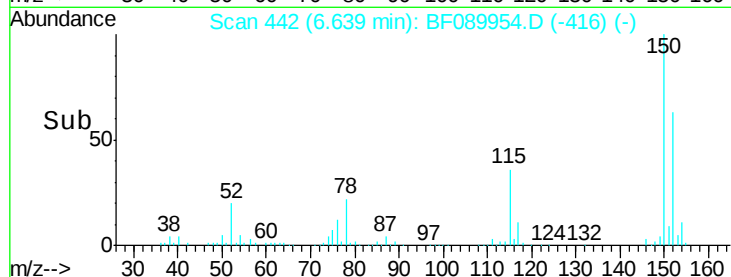
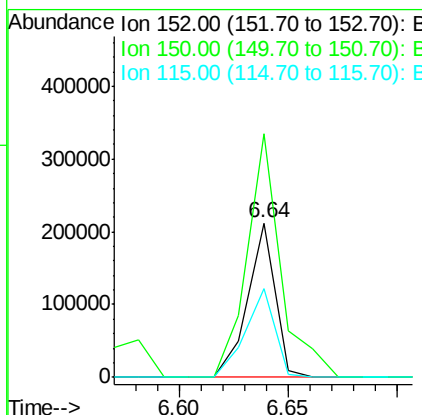
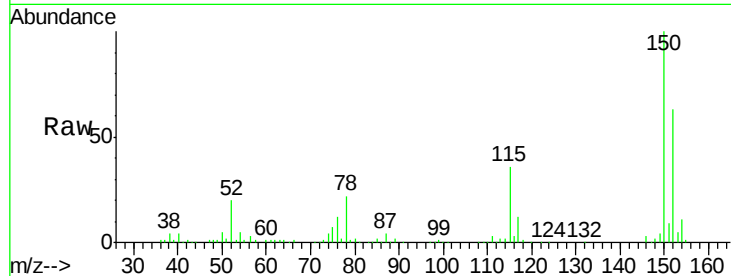
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB93165BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.0	127.4	191.2
115	57.6	46.3	69.5

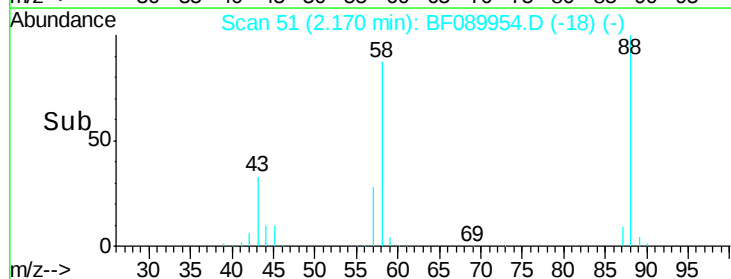
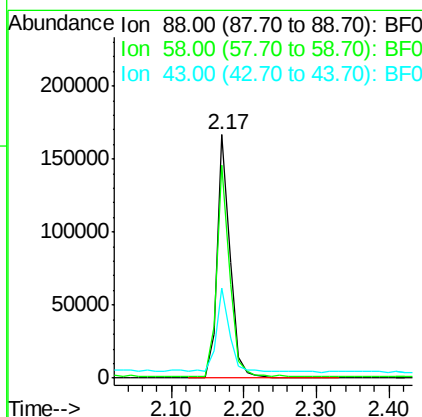
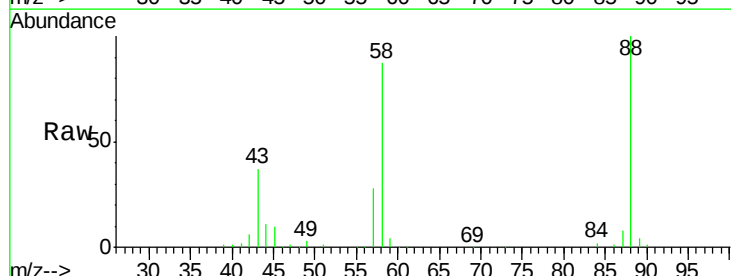
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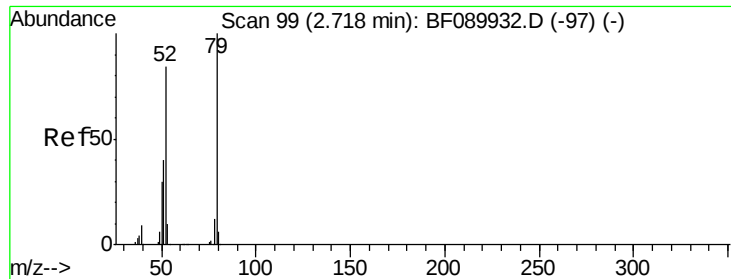
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#2
 1,4-Dioxane
 Concen: 37.60 ng
 RT: 2.17 min Scan# 51
 Delta R.T. 0.08 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.6	68.8	103.2
43	32.8	27.0	40.6





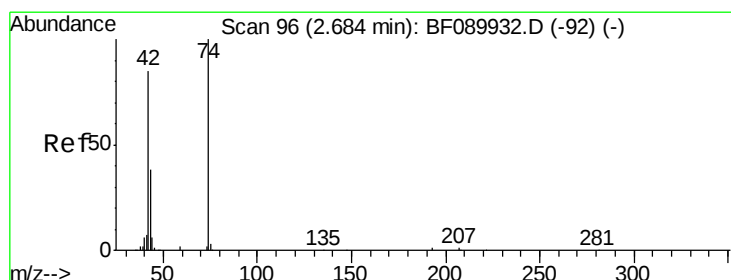
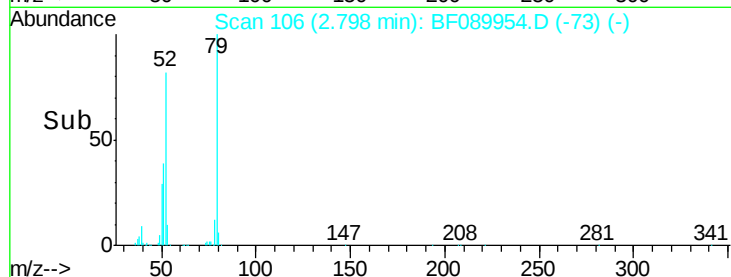
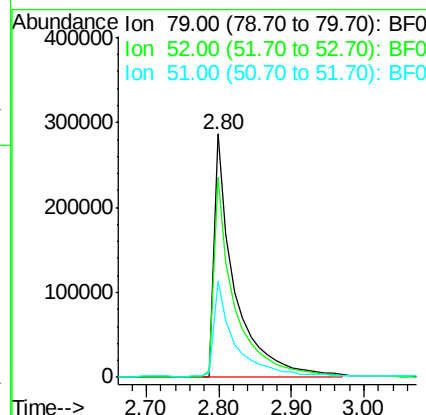
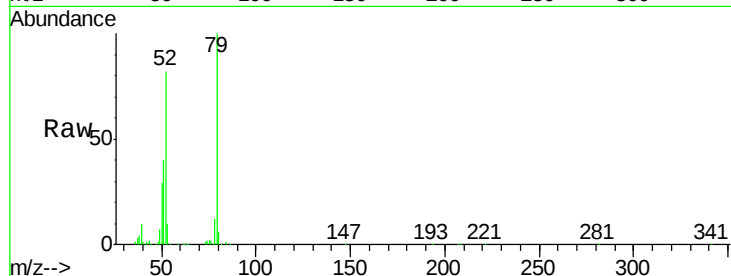
#3
 Pyridine
 Concen: 38.03 ng
 RT: 2.80 min Scan# 106
 Delta R.T. 0.08 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB93165BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	82.2	67.8	101.6
51	39.8	32.9	49.3

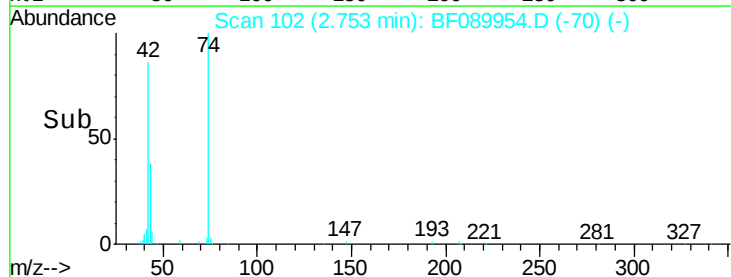
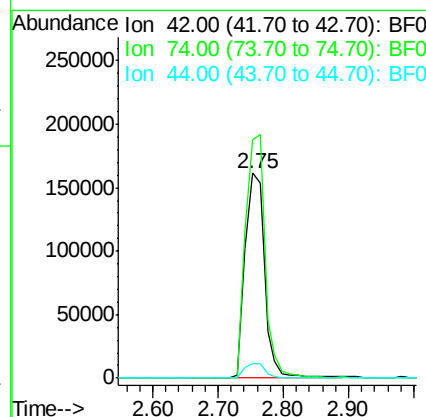
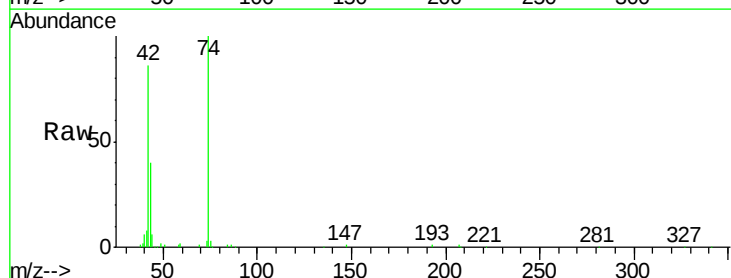
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 9/1/2016 11:54:00 AM



#4
 n-Nitrosodimethylamine
 Concen: 45.30 ng
 RT: 2.75 min Scan# 102
 Delta R.T. 0.07 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	116.2	92.0	138.0
44	7.3	5.8	8.8





#5

2-Fluorophenol

Concen: 117.47 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

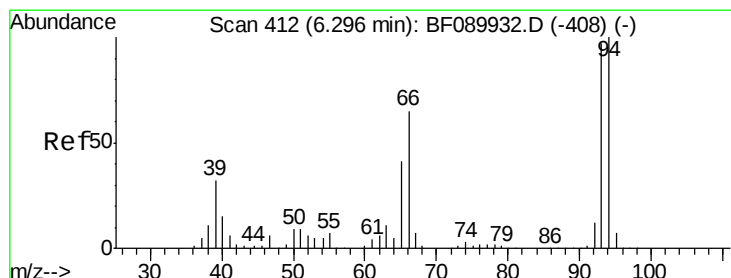
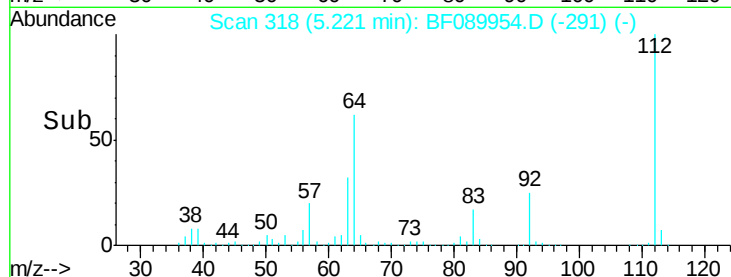
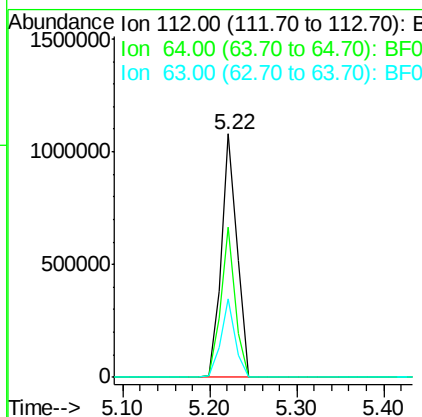
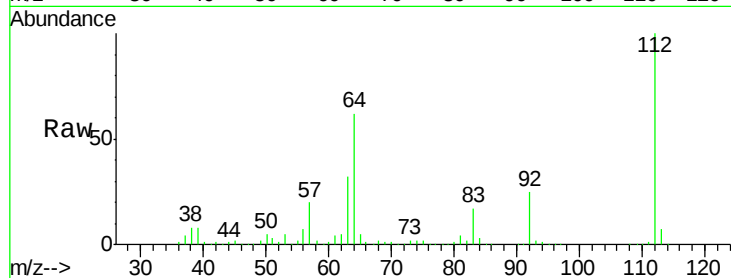
ClientSampleId :

PB93165BS

Tgt Ion:	112	Resp:	1369586
Ion Ratio	Lower	Upper	
112	100		
64	61.6	41.1	61.7
63	32.0	21.2	31.8

Manual Integrations
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#6

Aniline

Concen: 27.33 ng

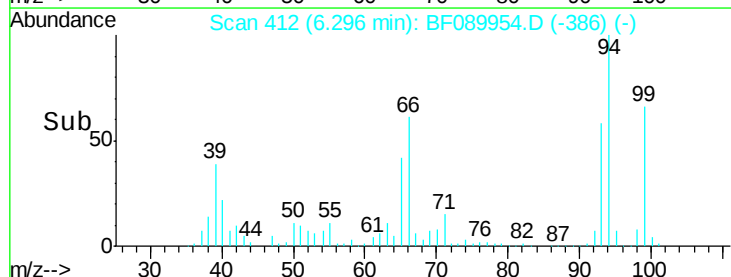
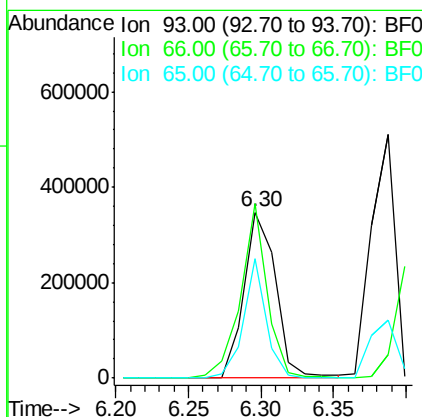
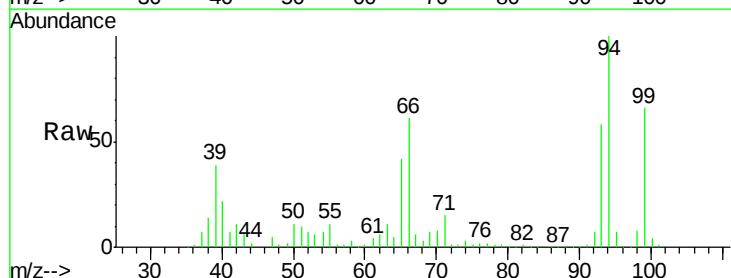
RT: 6.30 min Scan# 412

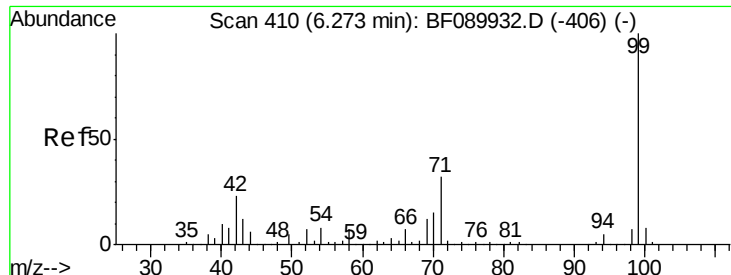
Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Tgt Ion:	93	Resp:	528390
Ion Ratio	Lower	Upper	
93	100		
66	104.9	52.9	79.3
65	71.8	33.0	49.6





#7

Phenol-d6

Concen: 118.99 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampleId :

PB93165BS

Tgt Ion: 99 Resp: 1685798

Ion Ratio Lower Upper

99 100

42 23.1 18.6 27.8

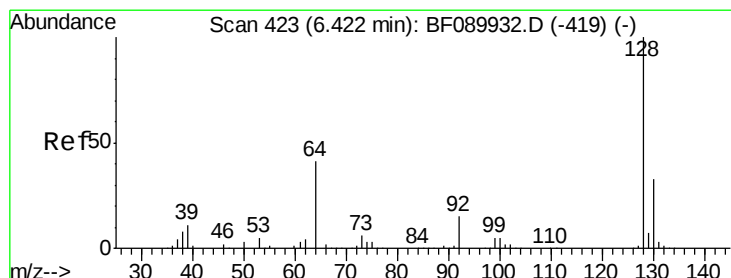
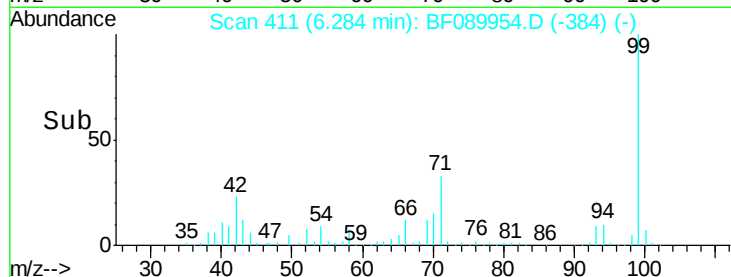
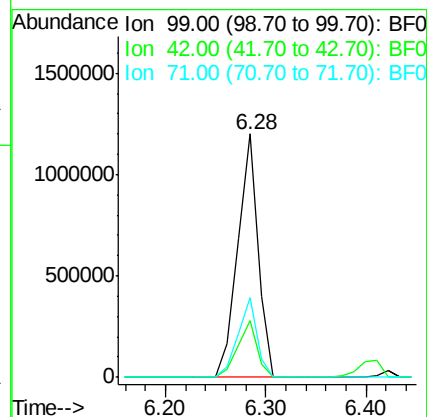
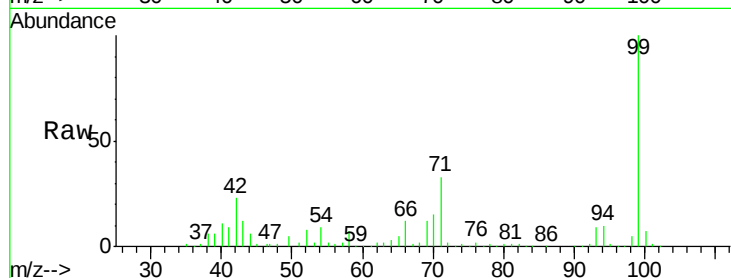
71 32.6 25.8 38.6

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#8

2-Chlorophenol

Concen: 43.56 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

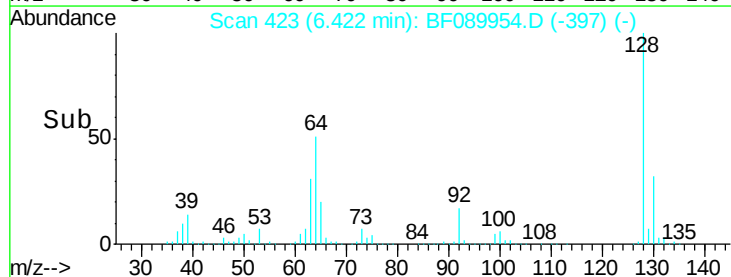
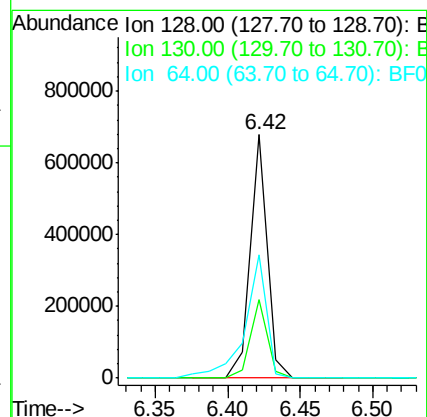
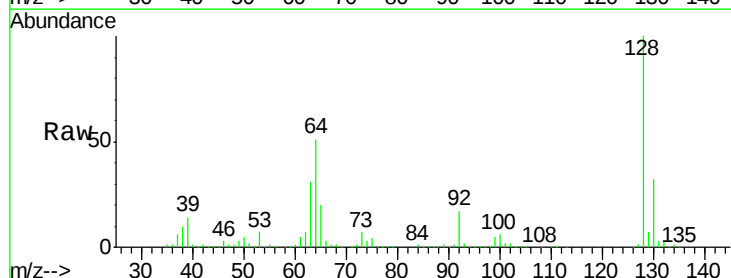
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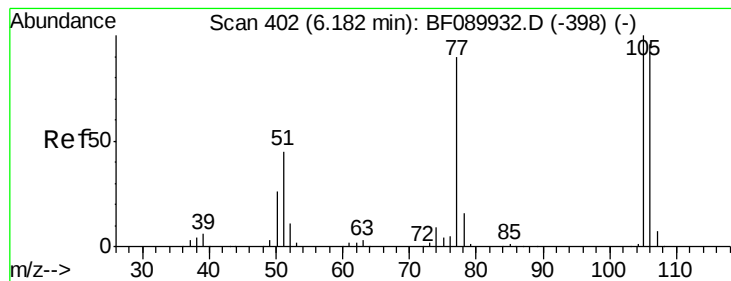
Ion Ratio Lower Upper

128 100

130 32.4 12.8 52.8

64 50.7 23.2 63.2





#9

Benzaldehyde

Concen: 11.49 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

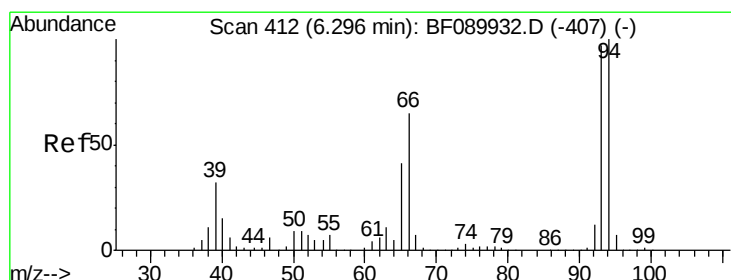
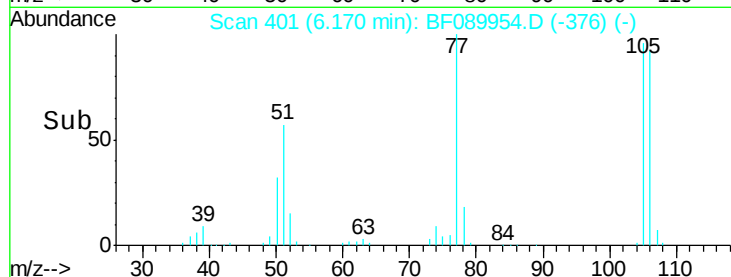
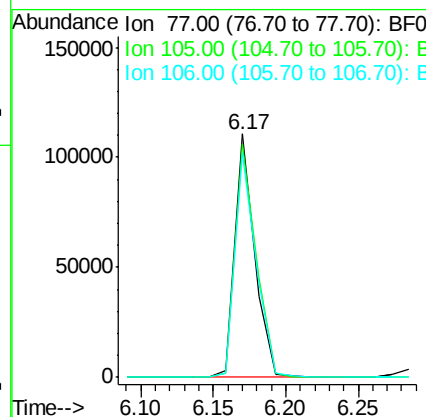
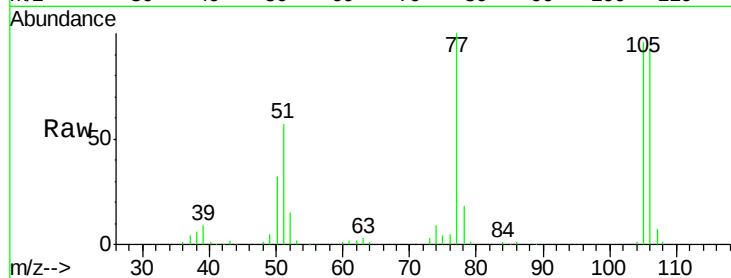
ClientSampleId :

PB93165BS

Tgt Ion:	77	Resp:	104998
Ion Ratio	Lower	Upper	
77	100		
105	95.6	85.4	125.4
106	92.0	83.4	123.4

Manual Integrations
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9/1/2016 11:54:00 AM



#10

Phenol

Concen: 35.56 ng

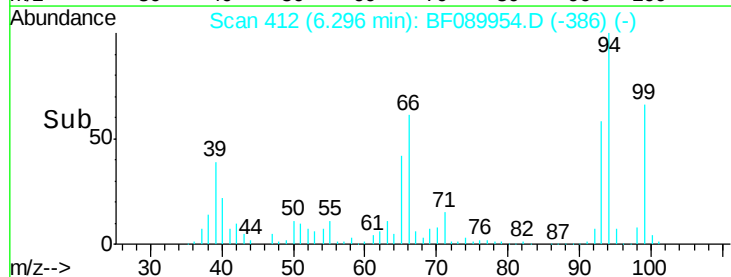
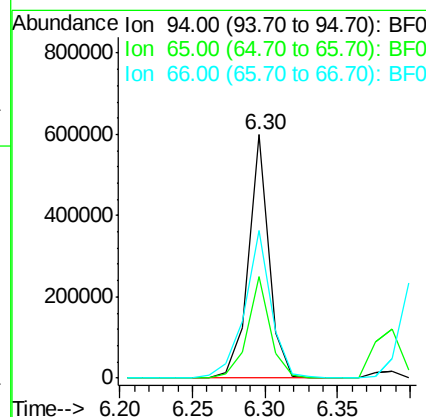
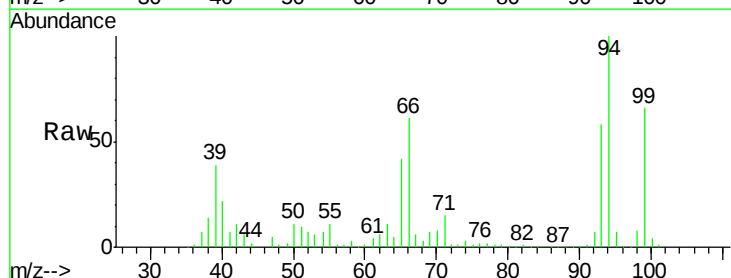
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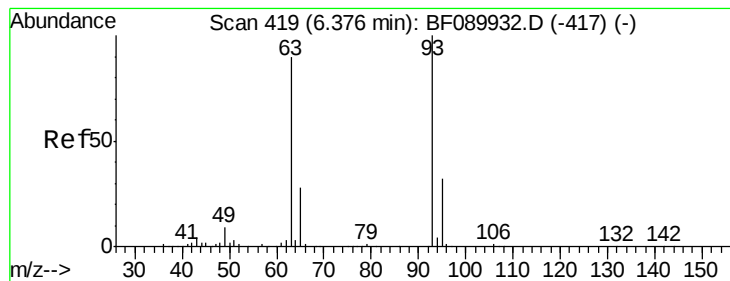
Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Tgt Ion:	94	Resp:	585835
Ion Ratio	Lower	Upper	
94	100		
65	41.6	23.2	63.2
66	60.9	49.2	89.2





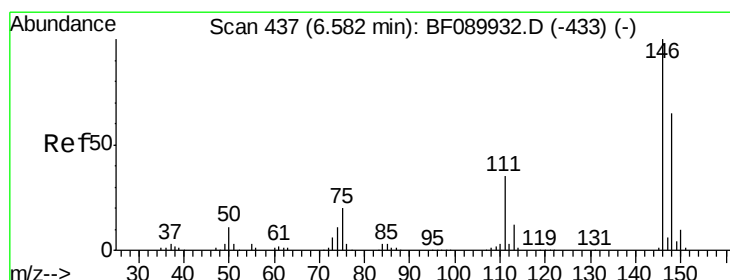
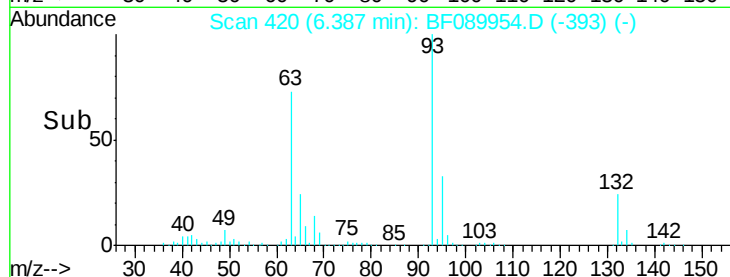
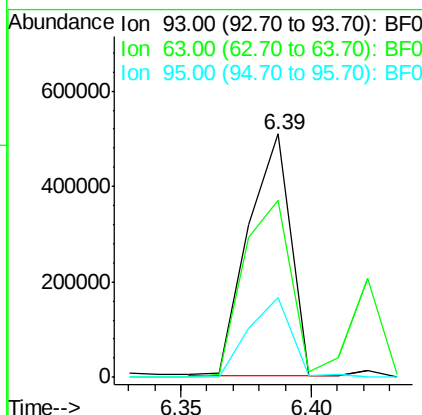
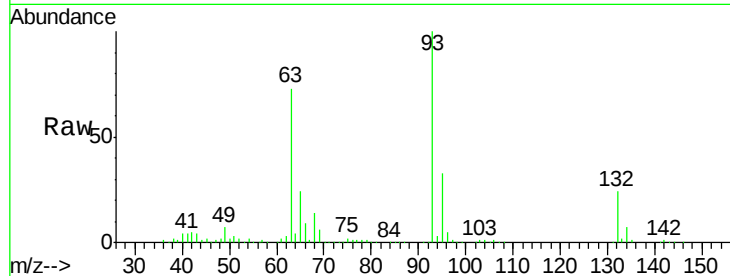
#11
bis(2-Chloroethyl)ether
Concen: 45.57 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.01 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Instrument :
BNA_F
ClientSampleId :
PB93165BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	72.9	71.1	111.1
95	32.8	12.4	52.4

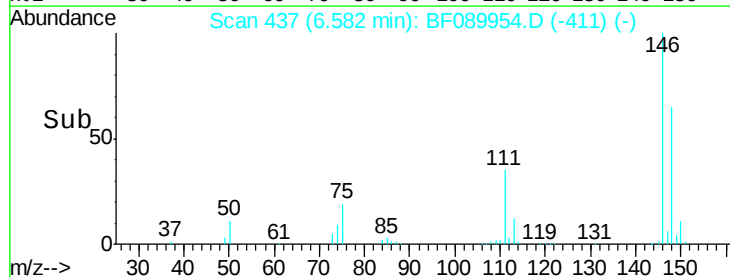
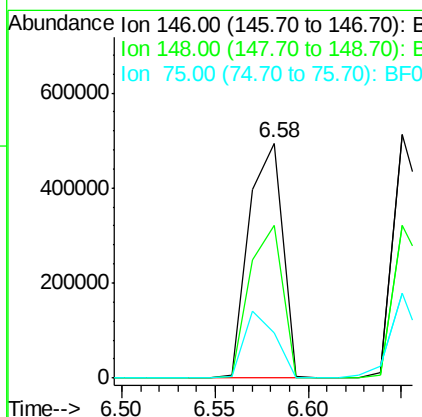
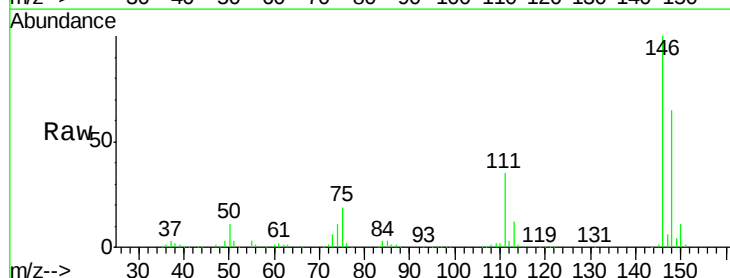
Manual Integrations
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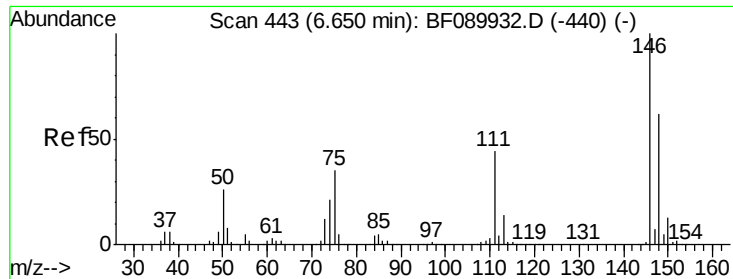
SOHIL
9/1/2016 11:54:00 AM



#12
1,3-Dichlorobenzene
Concen: 43.63 ng
RT: 6.58 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.5	78.7
75	19.5	16.6	24.8





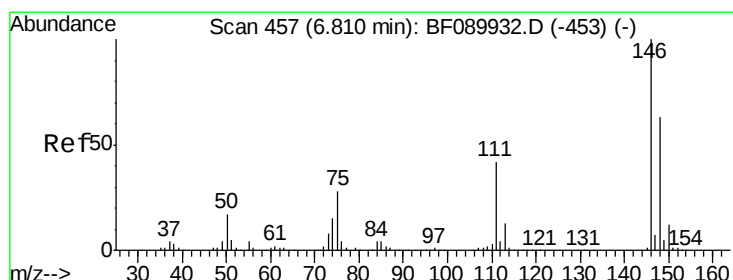
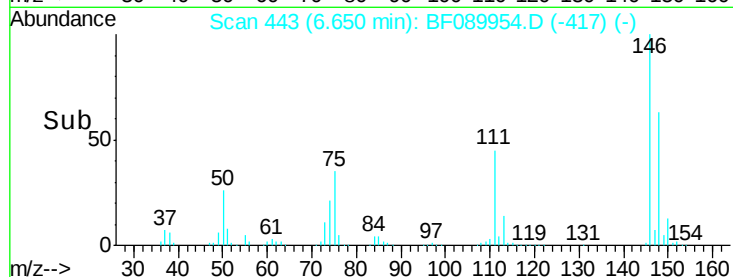
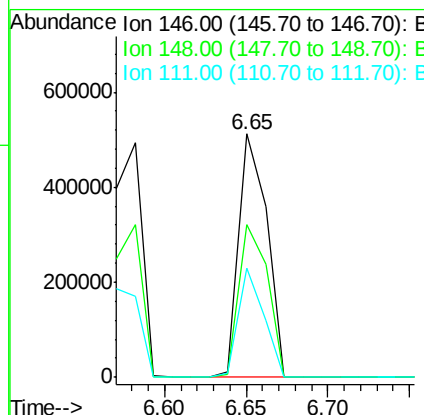
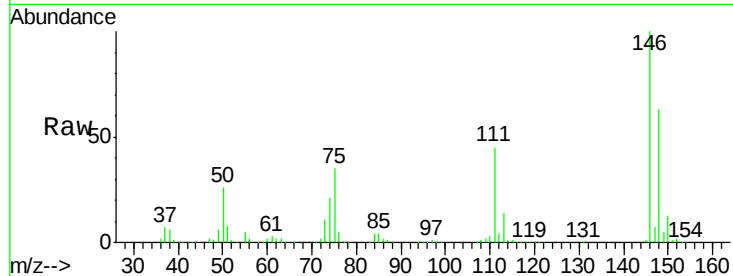
#13
 1,4-Dichlorobenzene
 Concen: 42.01 ng
 RT: 6.65 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB93165BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.1	75.1
111	44.7	35.8	53.6

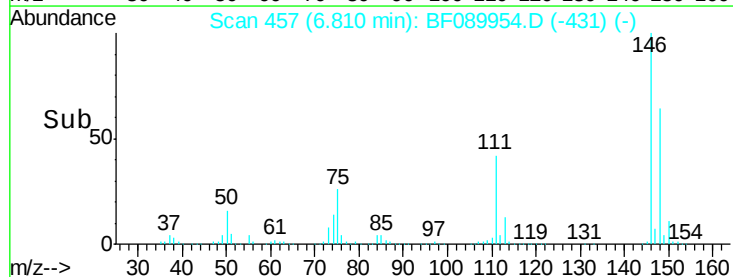
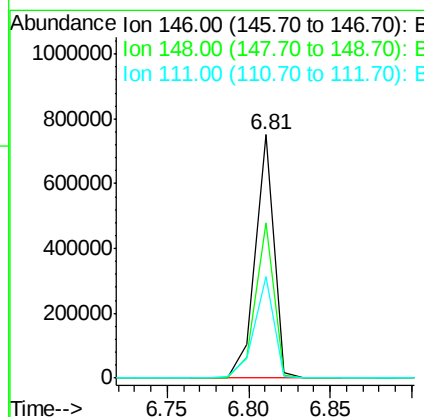
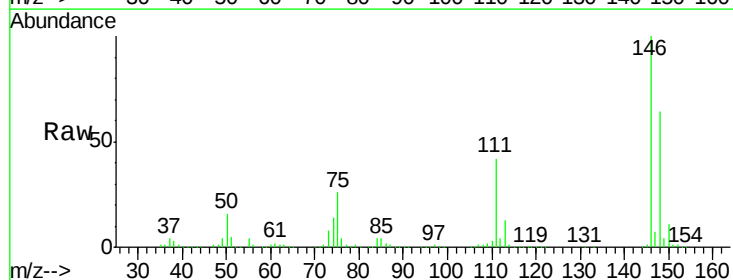
Manual Integrations
 APPROVED

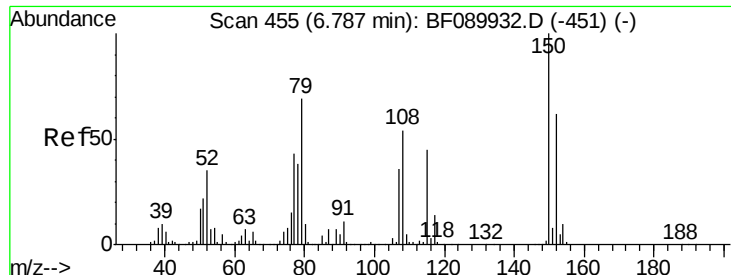
SOHIL
 9/1/2016 11:54:00 AM



#14
 1,2-Dichlorobenzene
 Concen: 46.16 ng
 RT: 6.81 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.2
111	41.6	34.6	51.8





#15

Benzyl Alcohol

Concen: 44.94 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

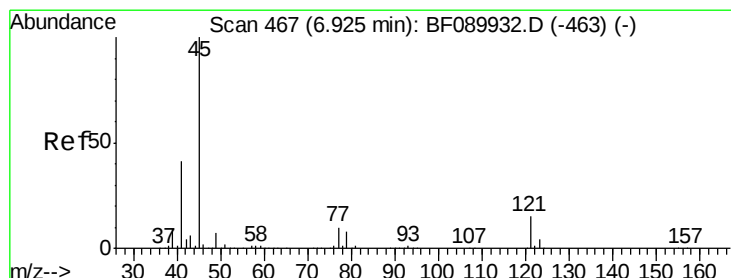
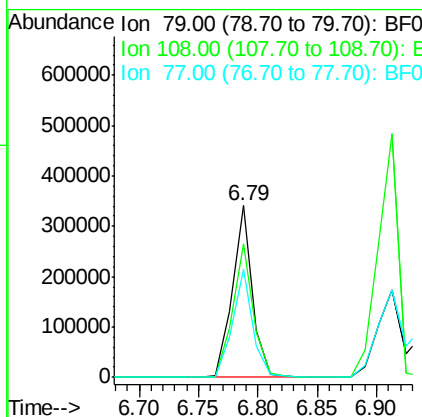
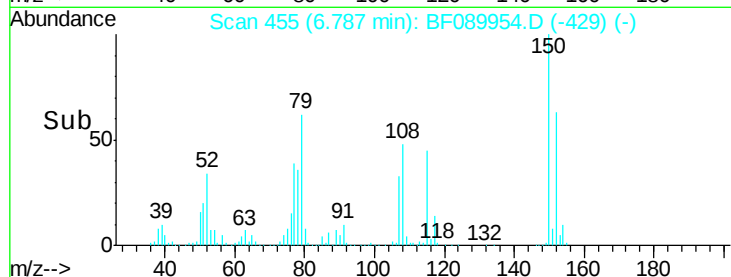
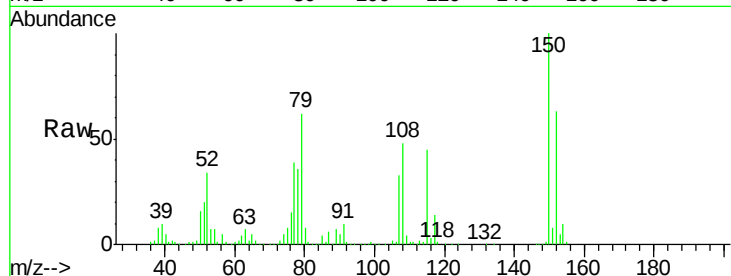
ClientSampleId :

PB93165BS

Tgt Ion:	79	Resp:	398849
Ion Ratio	Lower	Upper	
79	100		
108	77.6	62.1	93.1
77	62.7	50.1	75.1

Manual Integrations
APPROVED

SOHIL
9/1/2016 11:54:00 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.54 ng

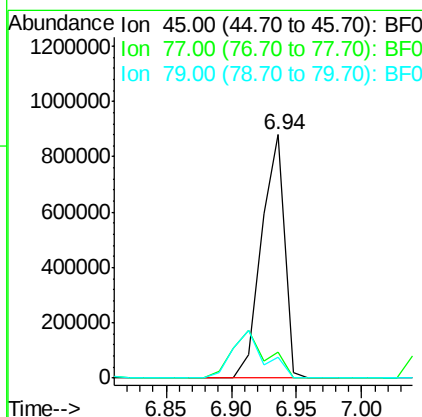
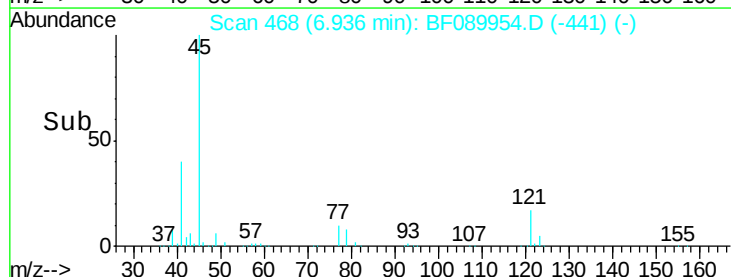
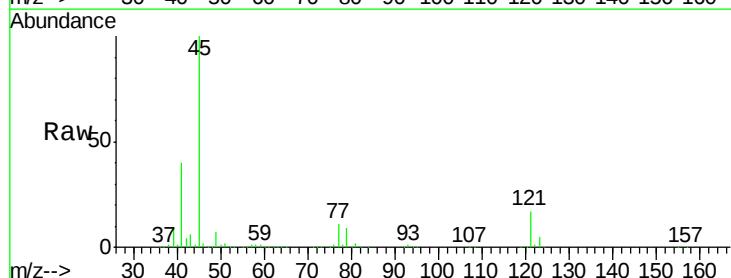
RT: 6.94 min Scan# 468

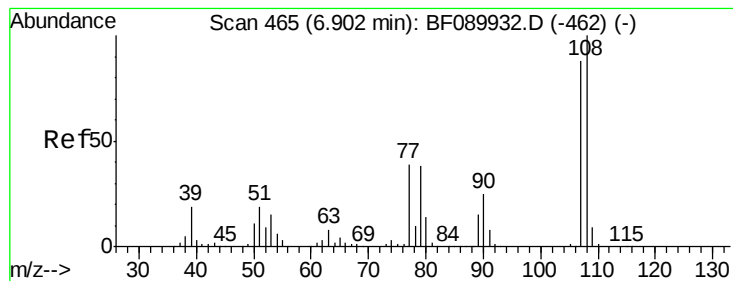
Delta R.T. 0.01 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Tgt Ion:	45	Resp:	1082579
Ion Ratio	Lower	Upper	
45	100		
77	10.8	0.0	30.3
79	8.6	0.0	27.5





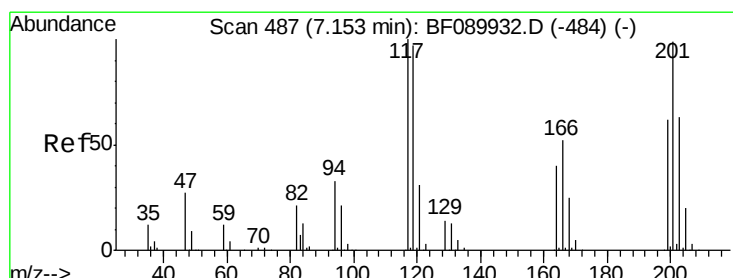
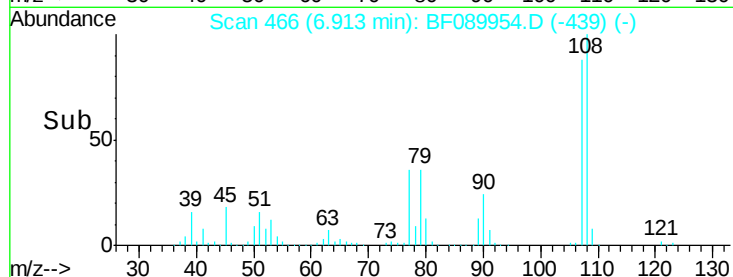
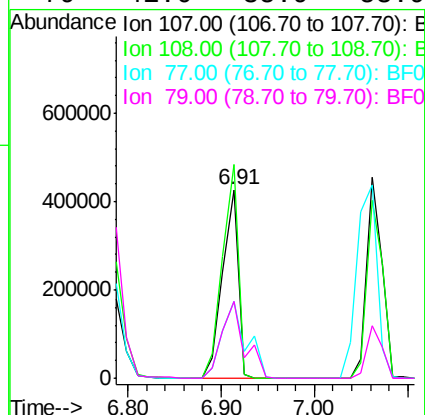
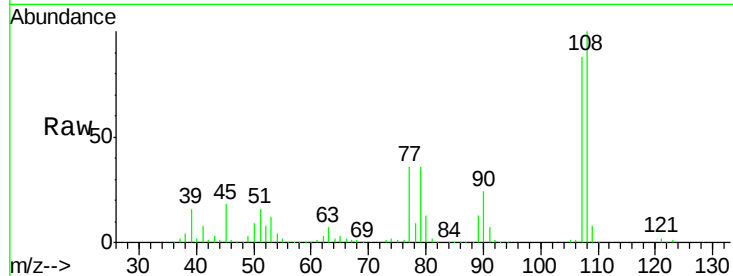
#17
2-Methylphenol
Concen: 49.39 ng
RT: 6.91 min Scan# 466
Delta R.T. 0.01 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Instrument :
BNA_F
ClientSampleId :
PB93165BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	498893		
108	113.4	91.8	137.6	
77	41.0	36.0	54.0	
79	41.0	35.9	53.9	

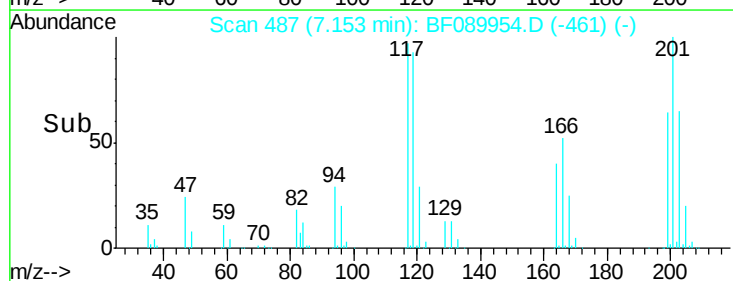
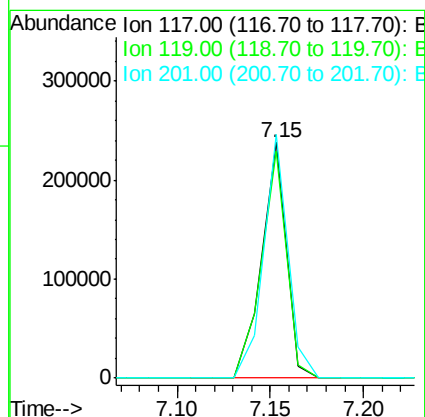
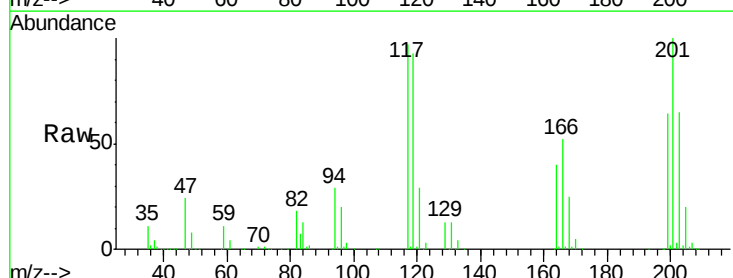
Manual Integrations
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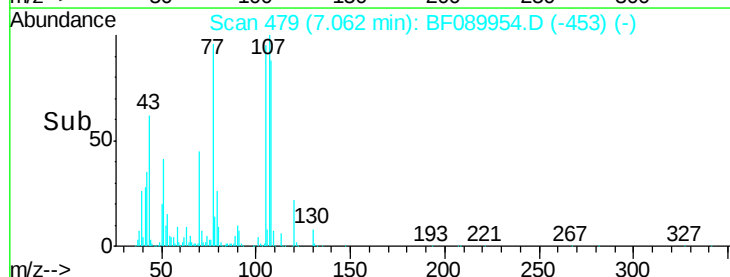
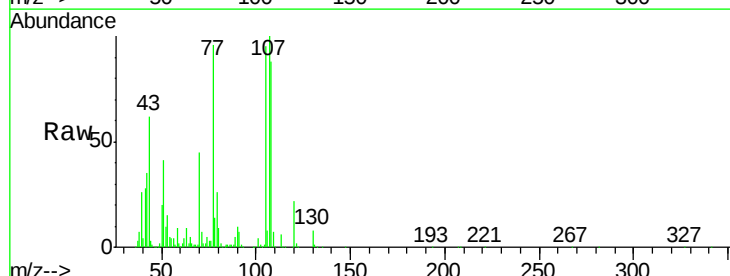
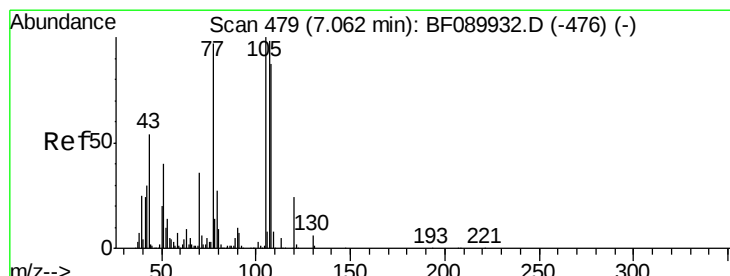
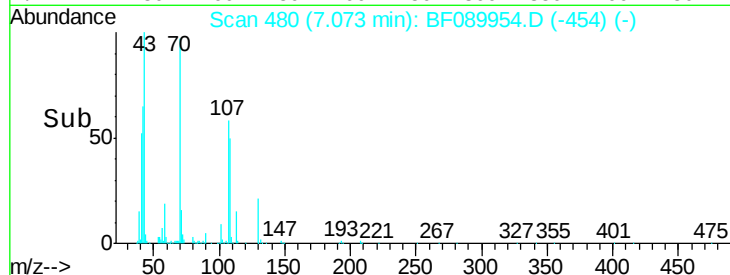
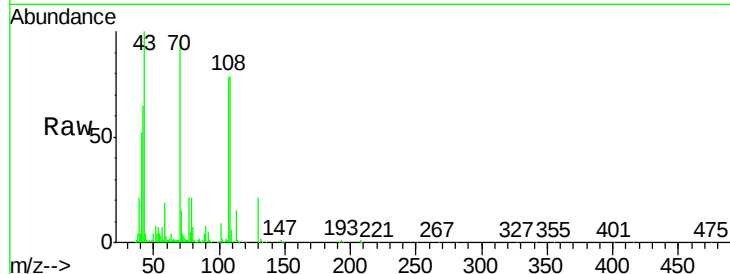
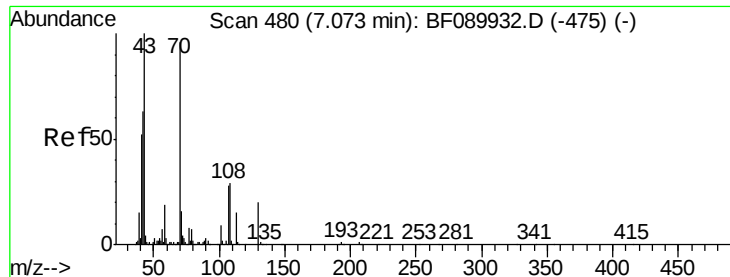
SOHIL
9/1/2016 11:54:00 AM



#18
Hexachloroethane
Concen: 43.86 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

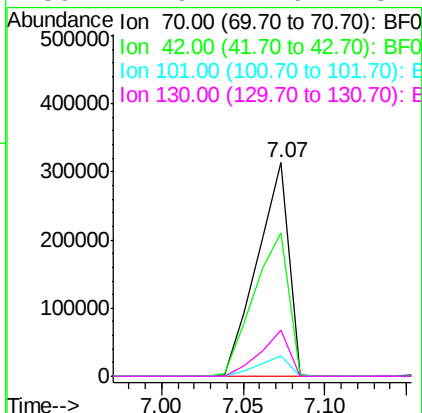
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	217140		
119	96.4	76.2	114.2	
201	103.3	80.2	120.2	





#19
n-Nitroso-di-n-propylamine
Concen: 45.72 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Lower	Upper
70	100		
42	67.3	52.1	78.1
101	9.7	7.4	11.2
130	21.6	17.0	25.4



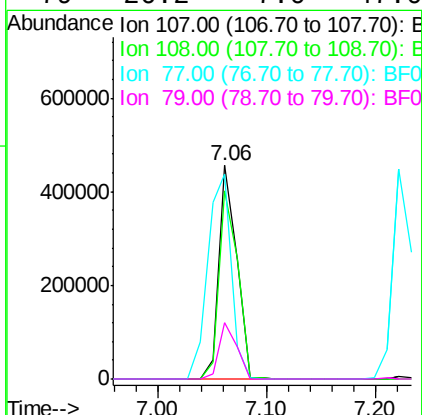
Instrument :
BNA_F
ClientSampleId :
PB93165BS

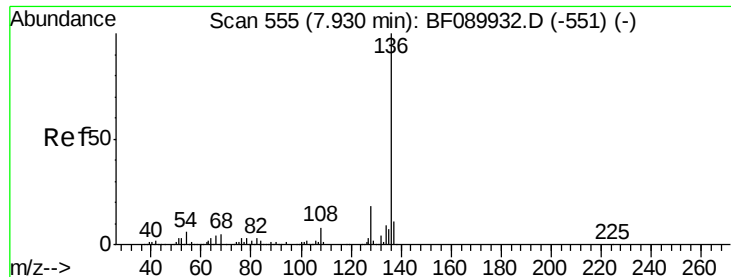
Manual Integrations
APPROVED

SOHIL
9/1/2016 11:54:00 AM

#20
3+4-Methylphenols
Concen: 42.76 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	70.2	110.2
77	95.7	75.7	115.7
79	26.2	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

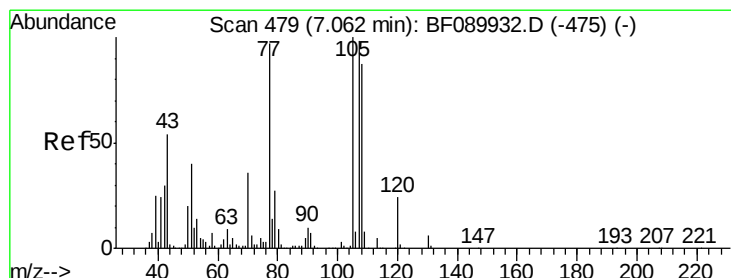
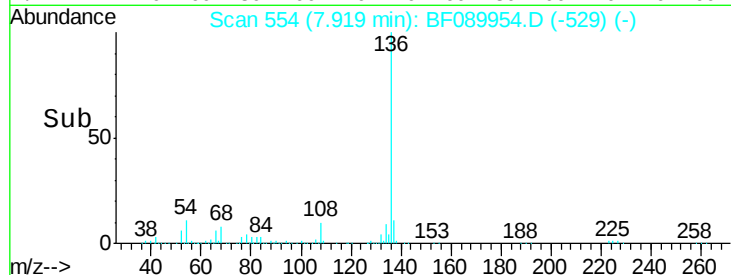
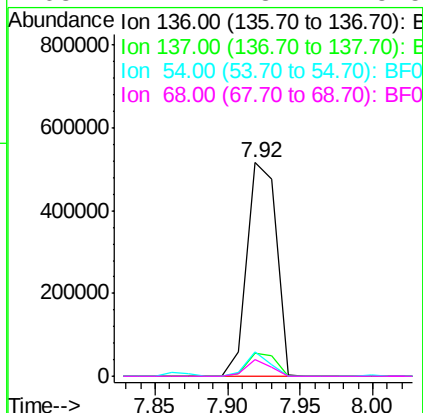
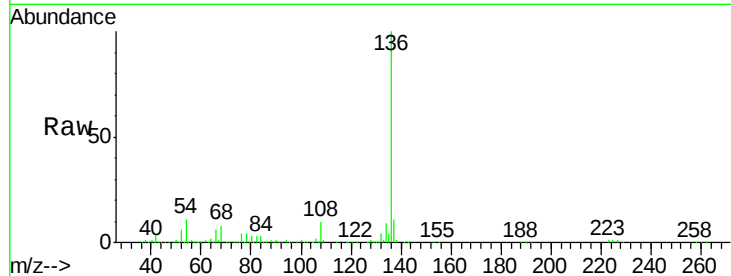
ClientSampleId :

PB93165BS

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.3	12.5
54	11.3	4.8	7.2#
68	7.7	3.7	5.5#

Manual Integrations
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SOHIL
9/1/2016 11:54:00 AM



#22

Acetophenone

Concen: 42.41 ng

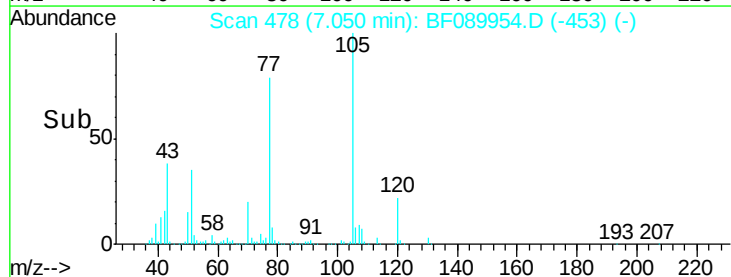
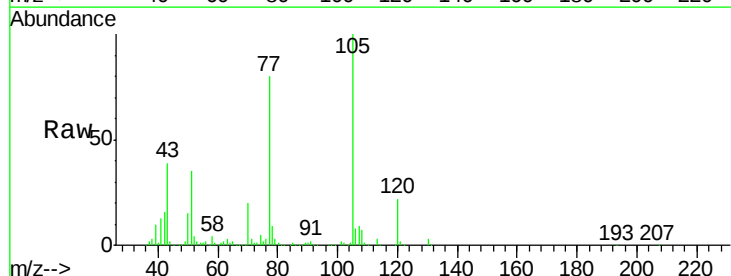
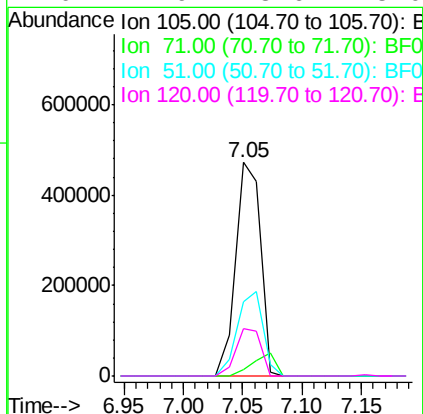
RT: 7.05 min Scan# 478

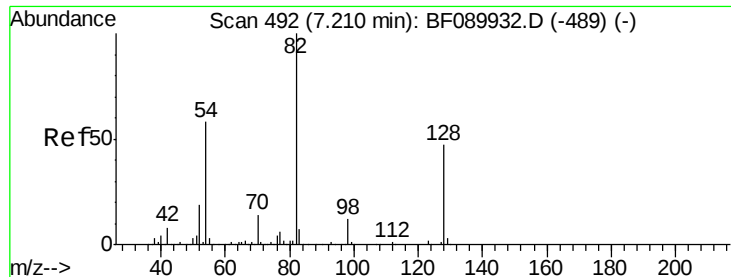
Delta R.T. -0.01 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.2	5.3	7.9#
51	35.0	32.6	48.8
120	21.9	18.6	28.0





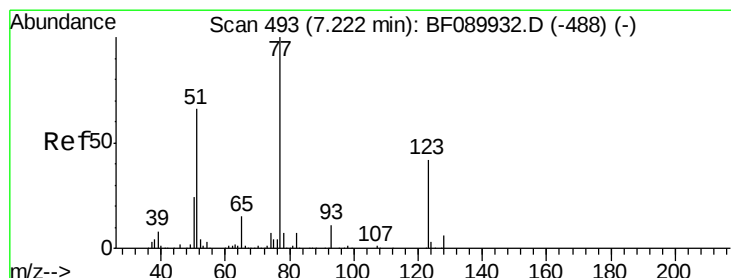
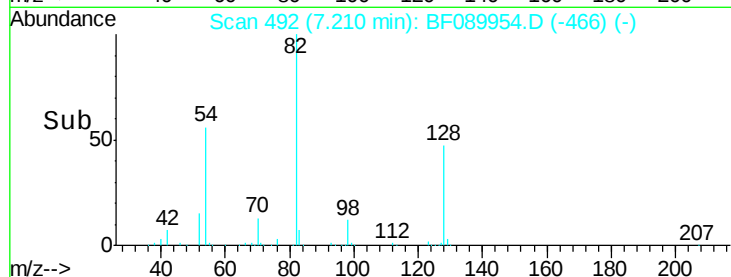
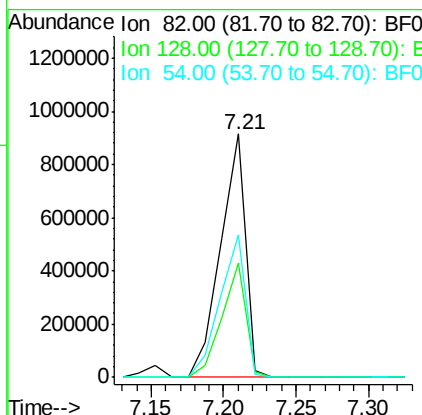
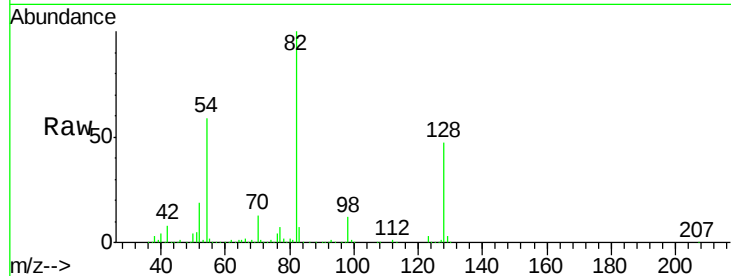
#23
 Nitrobenzene-d5
 Concen: 87.71 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB93165BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.8	56.8
54	58.6	46.9	70.3

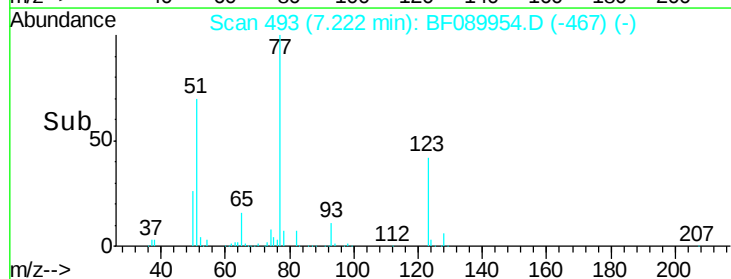
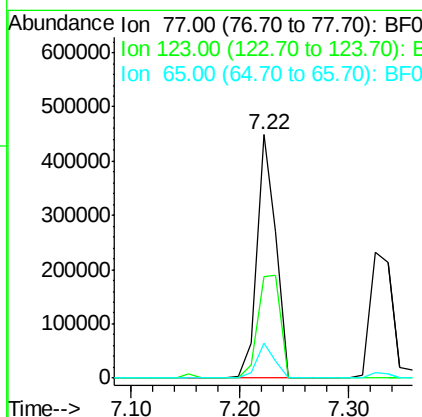
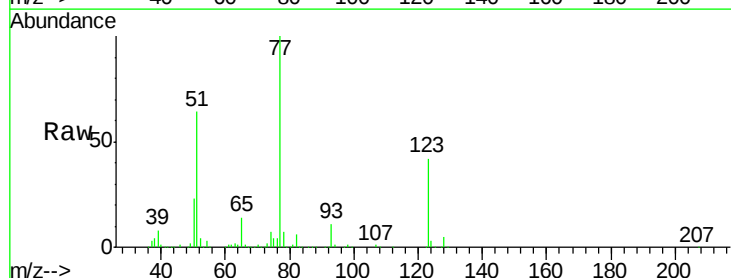
Manual Integrations
 APPROVED

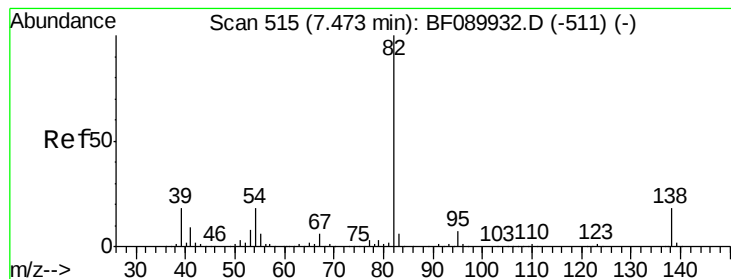
SOHIL
 9/1/2016 11:54:00 AM



#24
 Nitrobenzene
 Concen: 40.71 ng
 RT: 7.22 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.9	32.0	48.0
65	14.3	11.2	16.8





#25

Isophorone

Concen: 44.01 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampleId :

PB93165BS

Tgt Ion: 82 Resp: 1116467

Ion Ratio Lower Upper

82 100

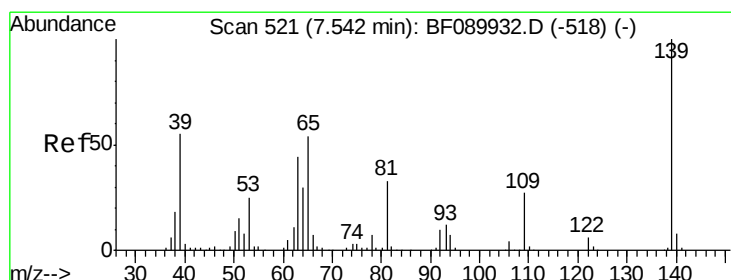
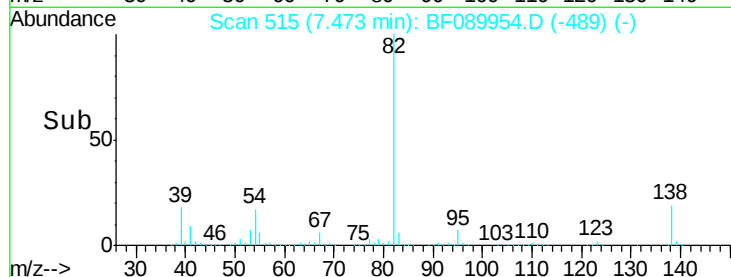
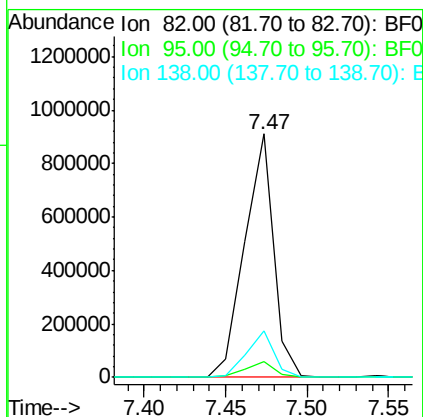
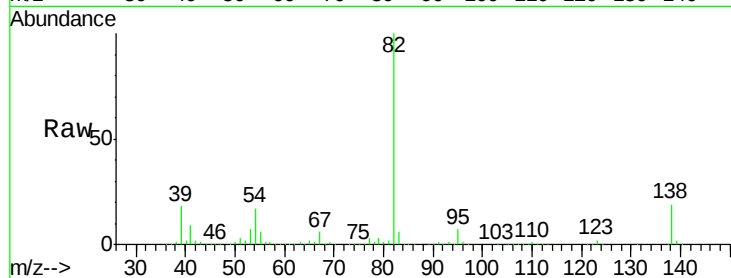
95 6.7 5.5 8.3

138 18.9 14.4 21.6

Manual Integrations
APPROVED

SOHIL

9/1/2016 11:54:00 AM



#26

2-Nitrophenol

Concen: 45.28 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

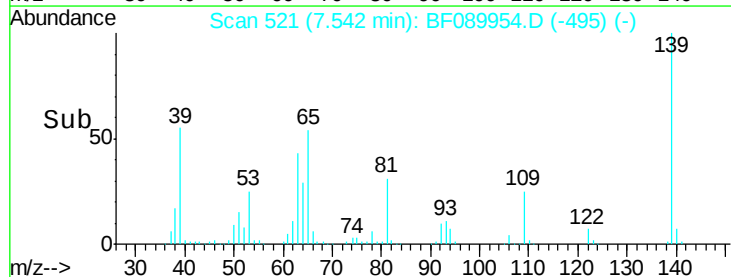
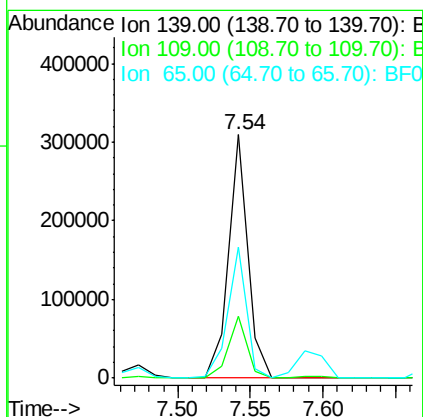
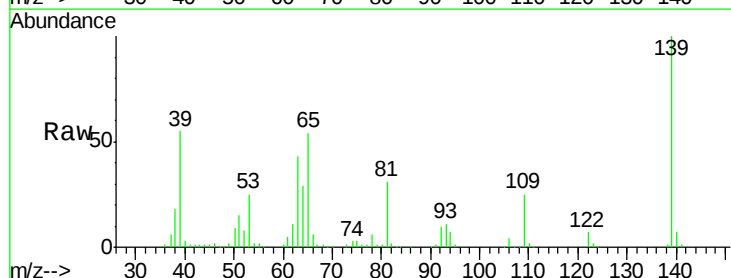
Tgt Ion: 139 Resp: 287103

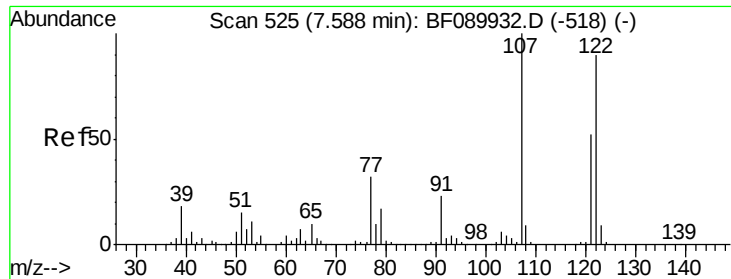
Ion Ratio Lower Upper

139 100

109 25.3 21.0 31.4

65 53.8 43.4 65.0





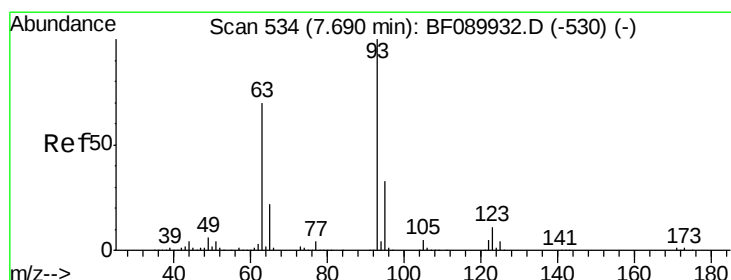
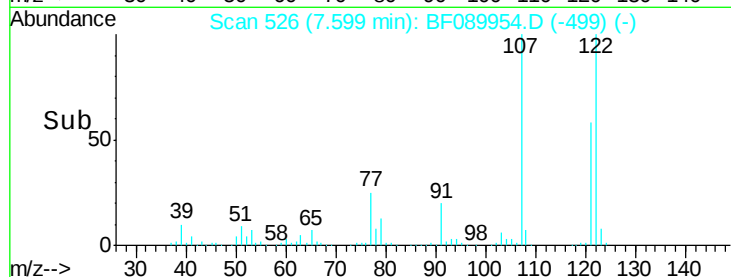
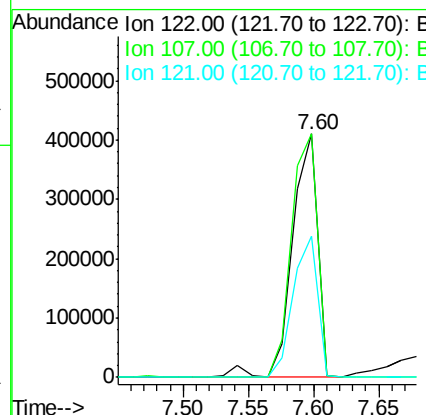
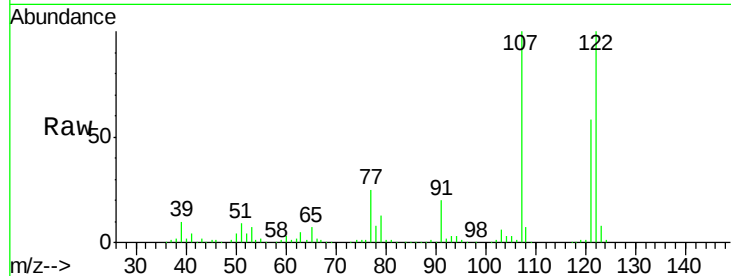
#27
 2,4-Dimethylphenol
 Concen: 47.72 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.01 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB93165BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	559694		
107	100.2	88.5	132.7	
121	58.1	46.0	69.0	

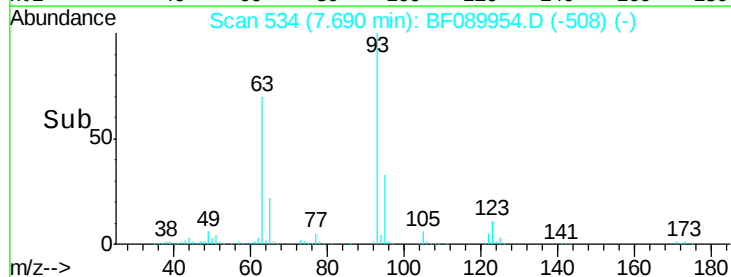
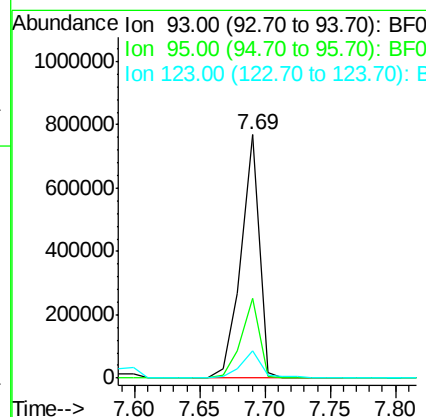
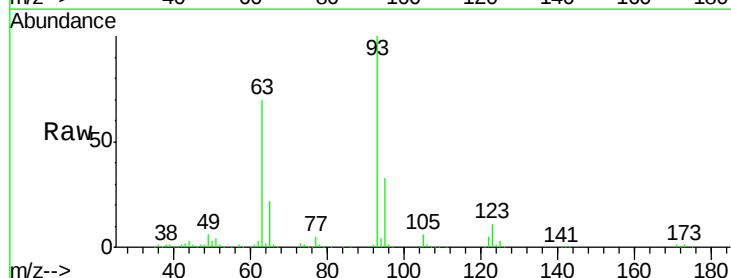
Manual Integrations
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 9/1/2016 11:54:00 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.64 ng
 RT: 7.69 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	744232		
95	32.6	26.6	40.0	
123	11.1	9.1	13.7	





#29

2,4-Dichlorophenol

Concen: 45.26 ng

RT: 7.78 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

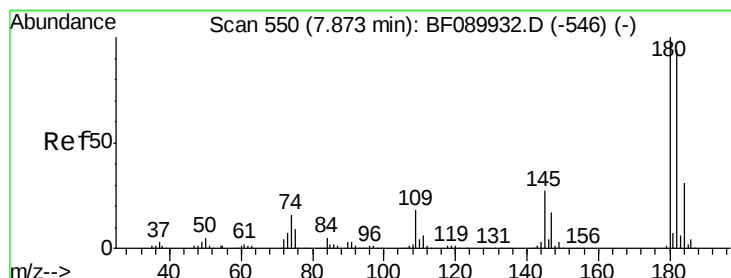
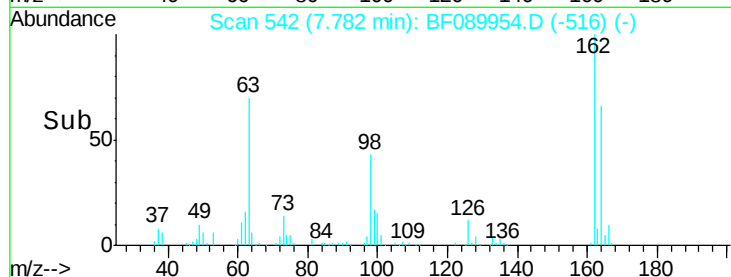
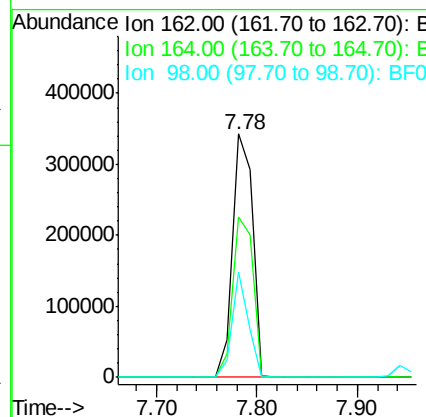
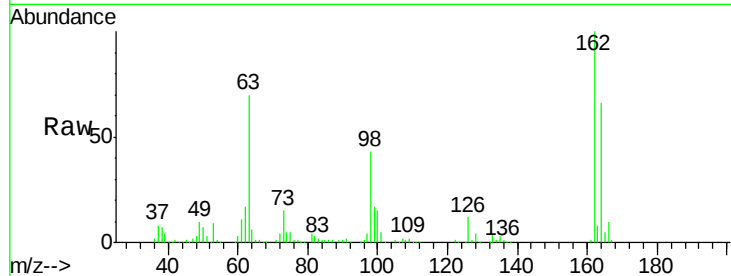
ClientSampleId :

PB93165BS

Tgt Ion:	162	Resp:	475846
Ion Ratio	Lower	Upper	
162	100		
164	65.7	46.6	86.6
98	43.1	22.0	62.0

Manual Integrations
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9/1/2016 11:54:00 AM



#30

1,2,4-Trichlorobenzene

Concen: 47.30 ng

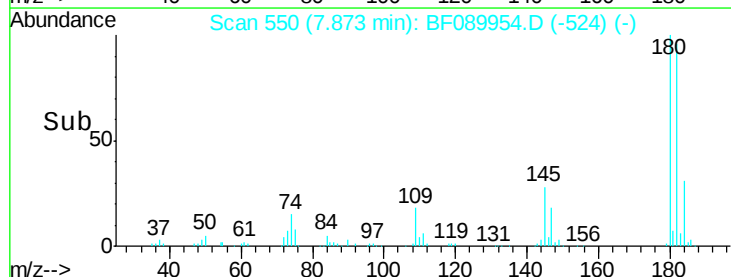
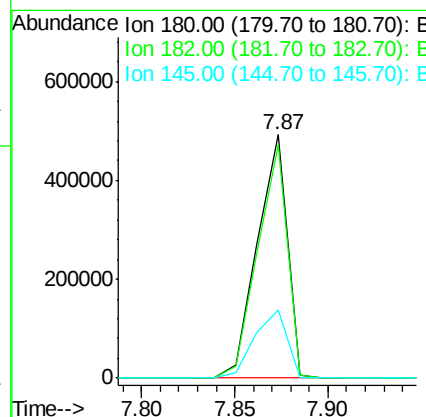
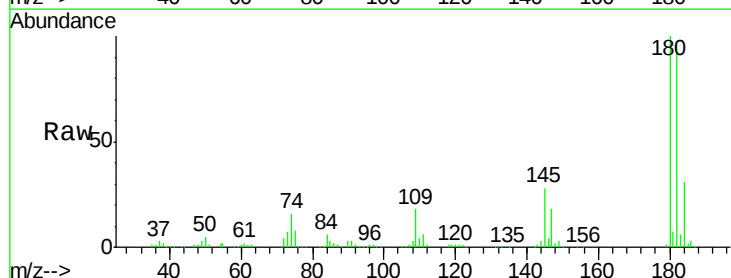
RT: 7.87 min Scan# 550

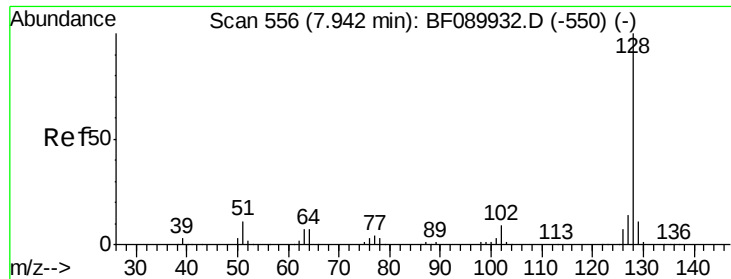
Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Tgt Ion:	180	Resp:	543757
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.2	114.2
145	28.0	22.2	33.4





#31

Naphthalene

Concen: 41.84 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampleId :

PB93165BS

Tgt Ion:128 Resp: 1508124

Ion Ratio Lower Upper

128 100

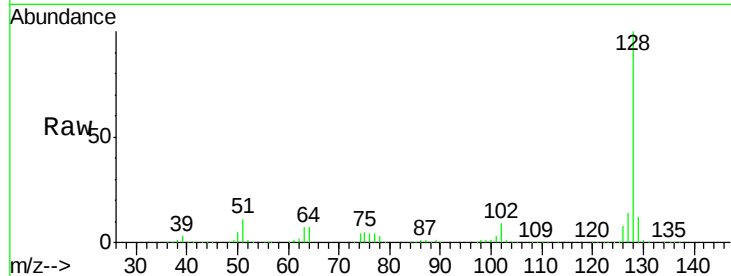
129 11.6 9.4 14.0

127 13.6 10.7 16.1

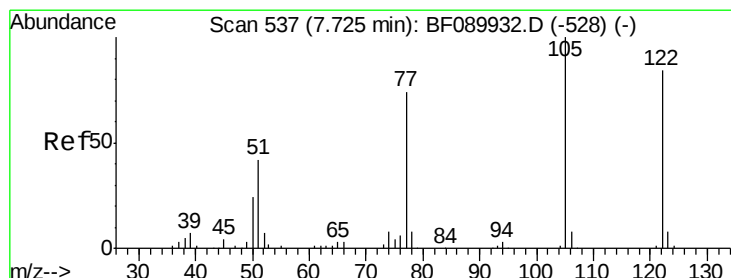
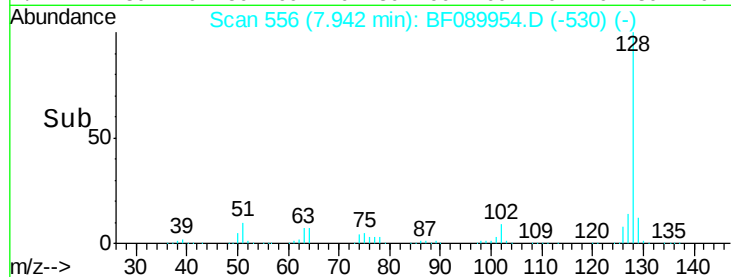
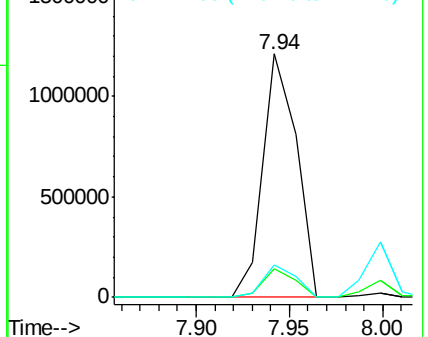
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.63 ng

RT: 7.72 min Scan# 537

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

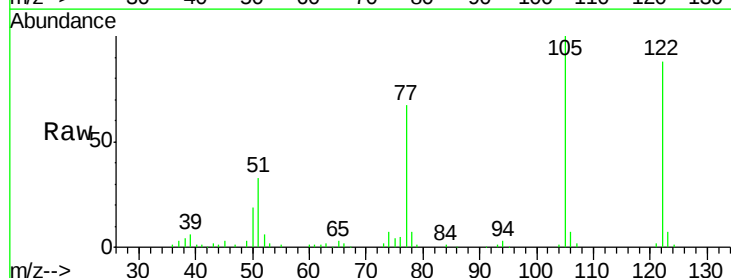
Tgt Ion:122 Resp: 273566

Ion Ratio Lower Upper

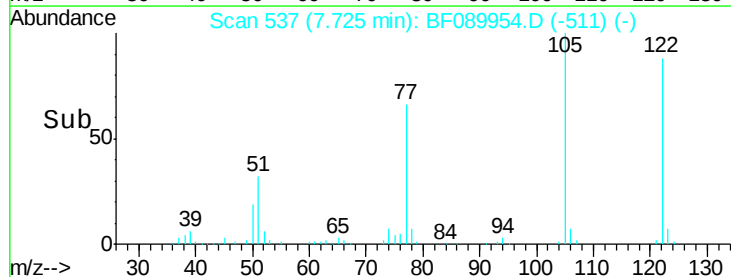
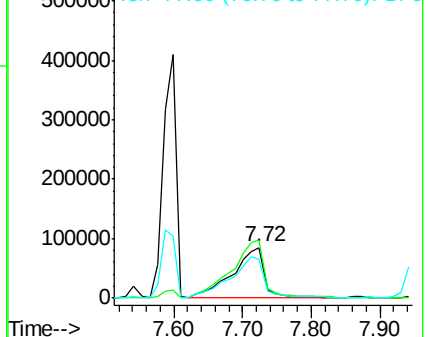
122 100

105 113.0 102.2 142.2

77 75.7 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





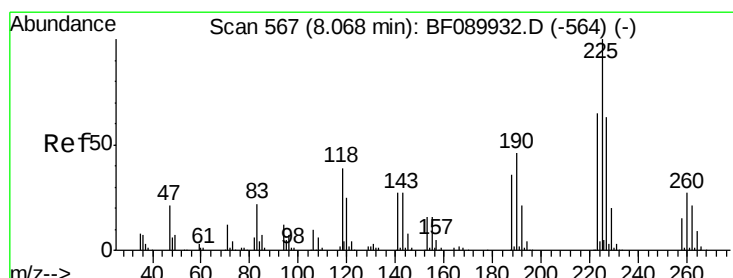
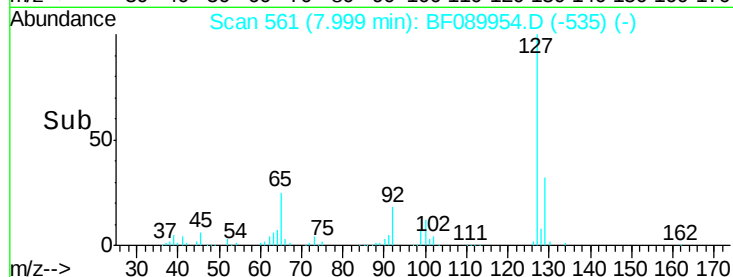
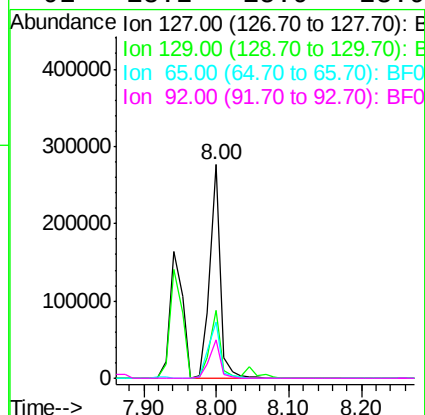
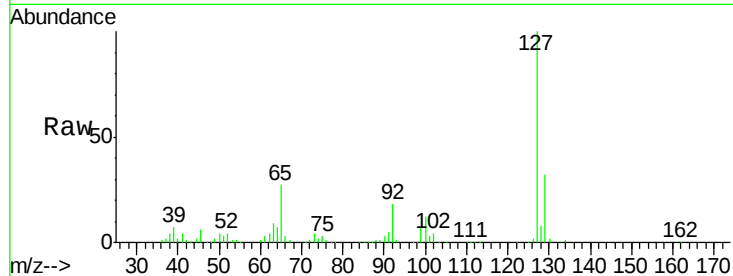
#33
4-Chloroaniline
Concen: 19.42 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Instrument :
BNA_F
ClientSampleId :
PB93165BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	282466		
129	31.8	25.9	38.9	
65	26.7	26.0	39.0	
92	18.2	15.9	23.9	

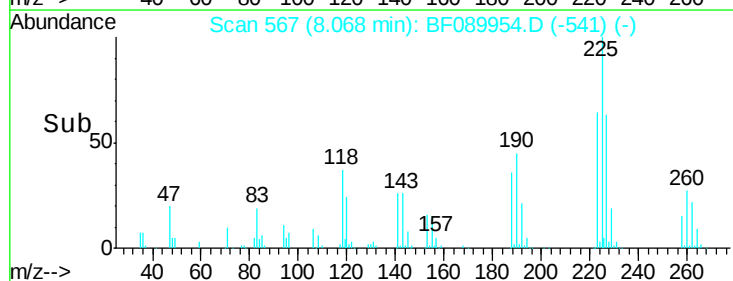
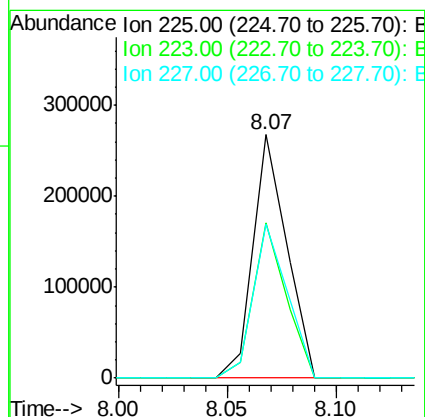
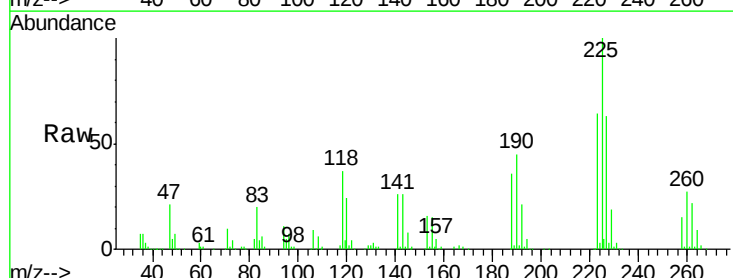
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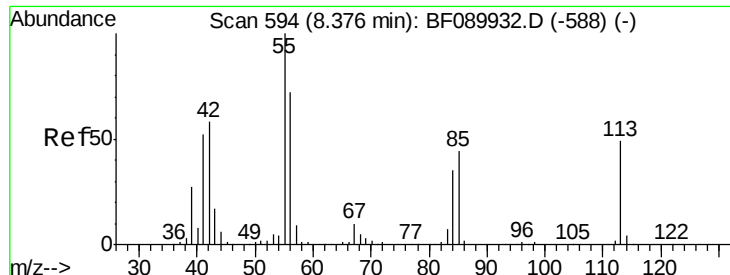
SOHIL
9/1/2016 11:54:00 AM



#34
Hexachlorobutadiene
Concen: 43.01 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	289708		
223	64.0	52.6	78.8	
227	63.2	50.8	76.2	





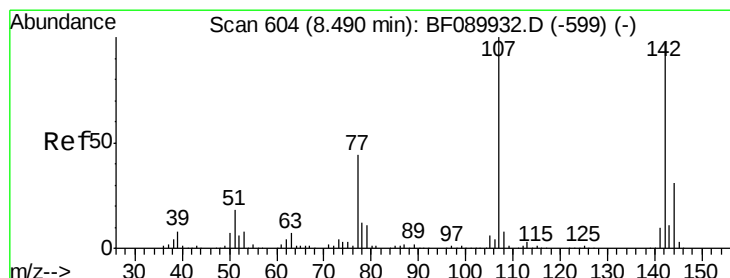
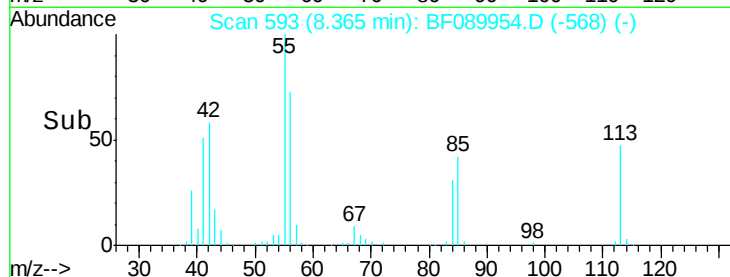
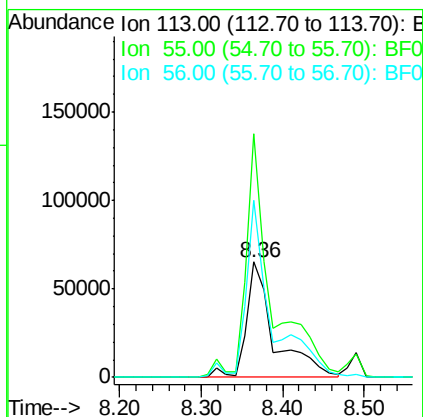
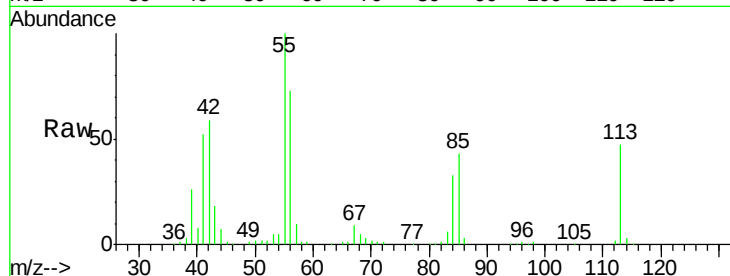
#35
 Caprolactam
 Concen: 46.79 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB93165BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	211.1	178.5	218.5	
56	153.4	122.7	162.7	

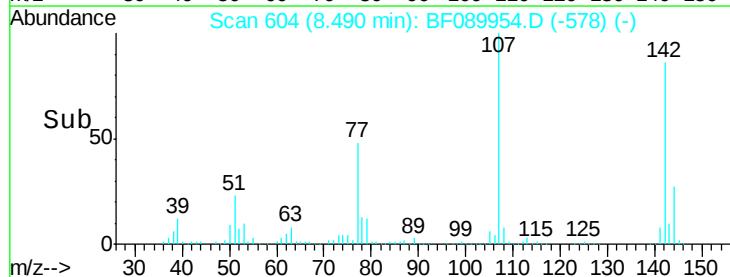
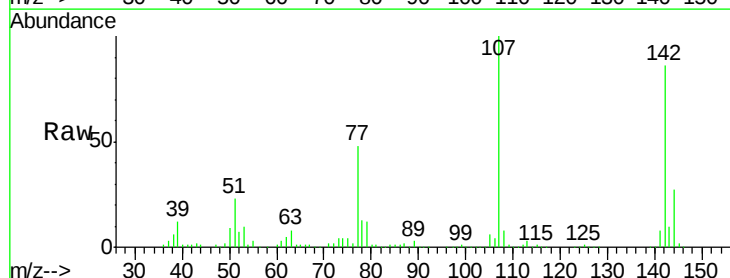
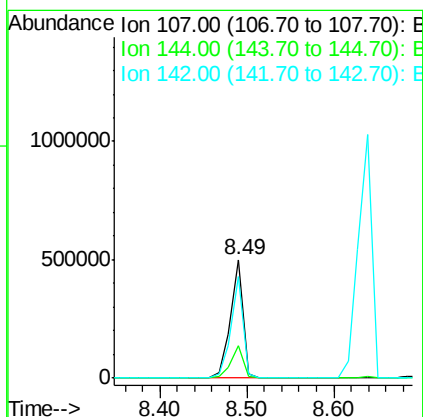
Manual Integrations
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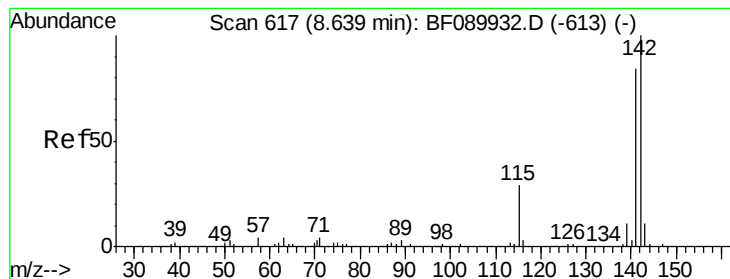
SOHIL
 9/1/2016 11:54:00 AM



#36
 4-Chloro-3-methylphenol
 Concen: 45.32 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	27.5	25.8	38.8	
142	85.8	79.2	118.8	





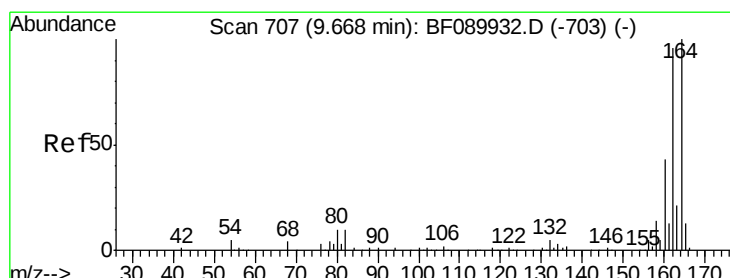
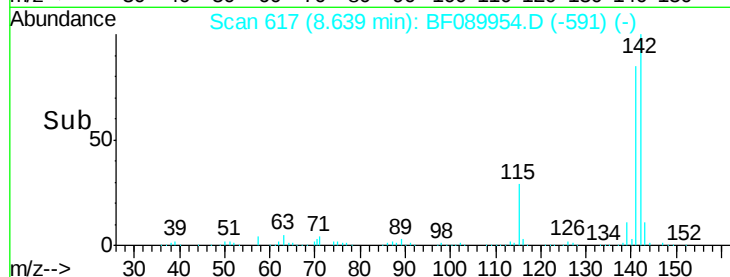
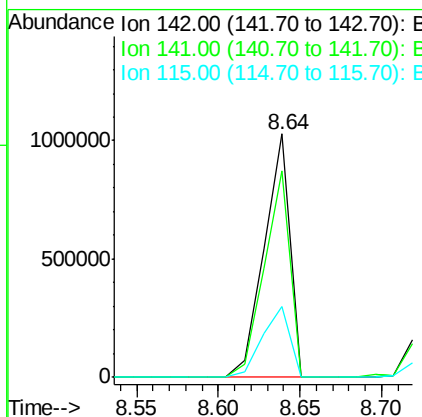
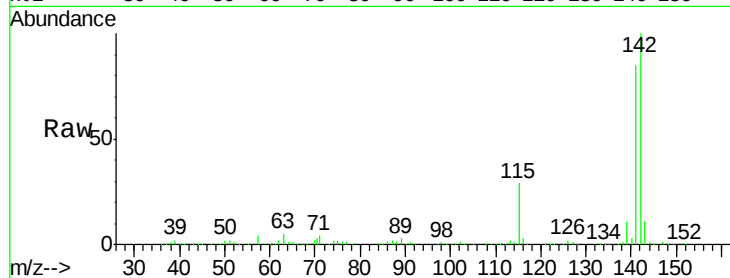
#37
 2-Methylnaphthalene
 Concen: 47.53 ng
 RT: 8.64 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB93165BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.6	68.3	102.5
115	29.2	23.8	35.8

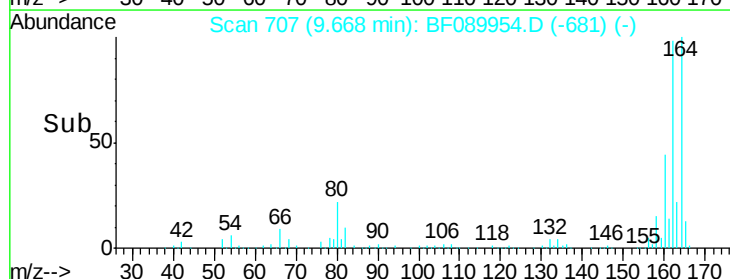
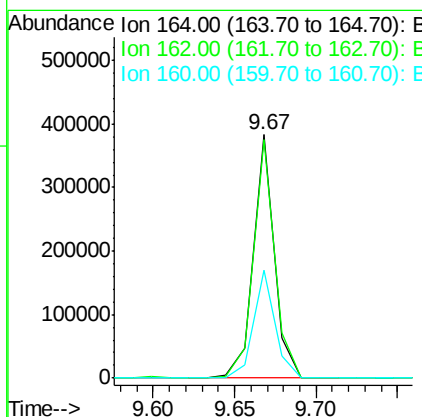
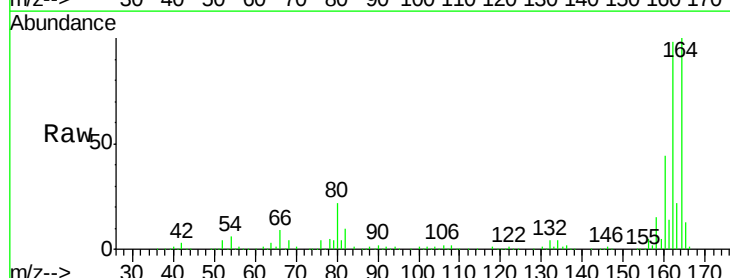
Manual Integrations
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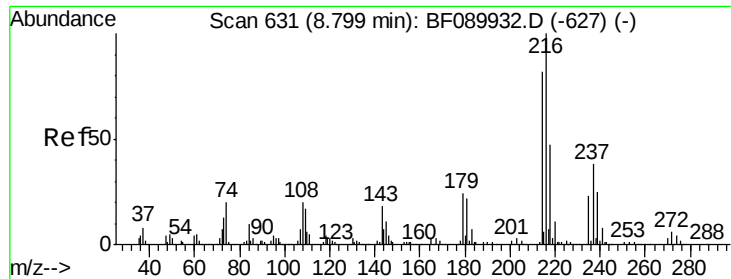
SOHIL
 9/1/2016 11:54:00 AM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.2	77.1	115.7
160	44.3	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.72 ng

RT: 8.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

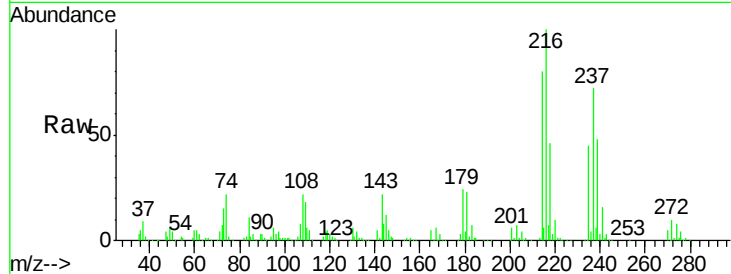
ClientSampleId :

PB93165BS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100		387805		
214	78.3	63.4	95.2		
179	21.0	17.3	25.9		
108	19.6	15.5	23.3		

Manual Integrations
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9/1/2016 11:54:00 AM

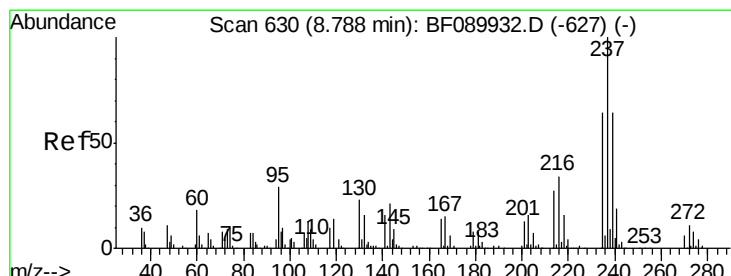
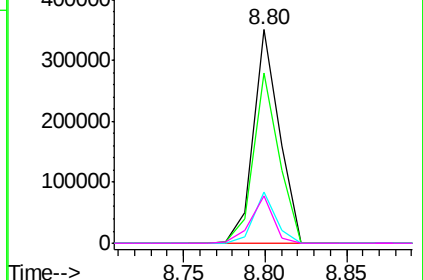
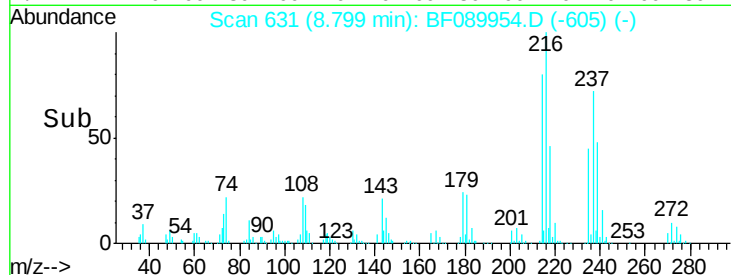


Abundance Ion 216.00 (215.70 to 216.70): E

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: 72.59 ng

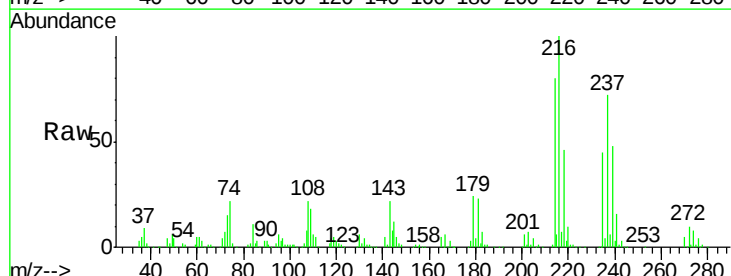
RT: 8.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

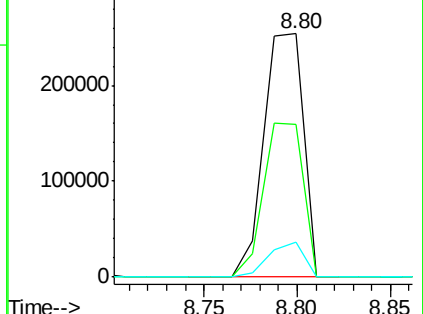
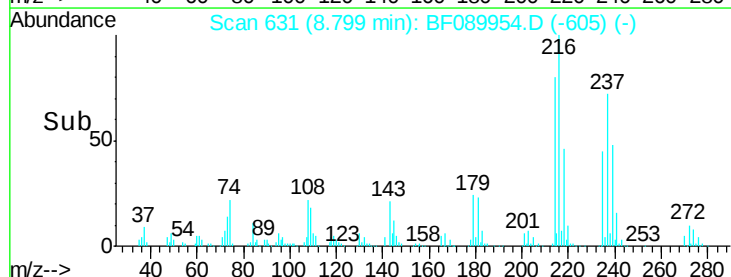
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		372802		
235	62.8	39.6	79.6		
272	14.2	0.0	34.6		

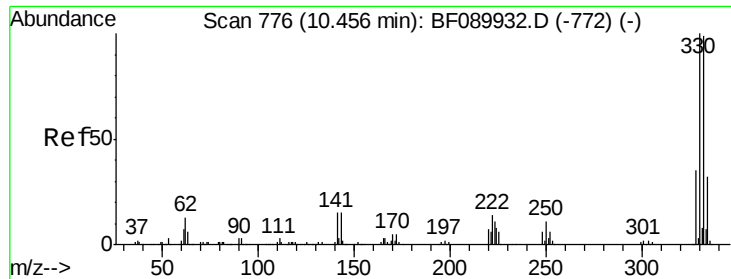


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





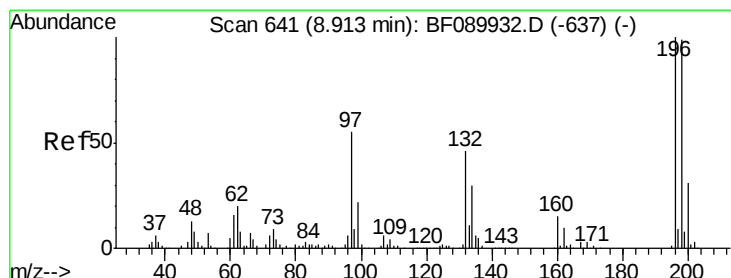
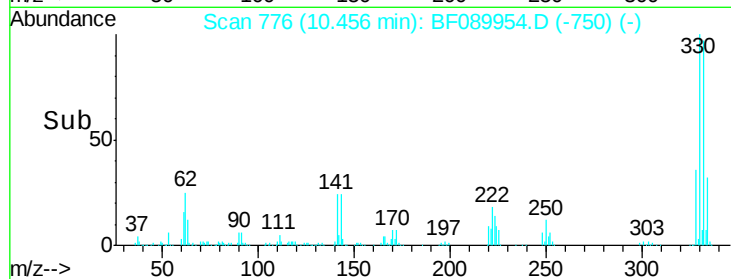
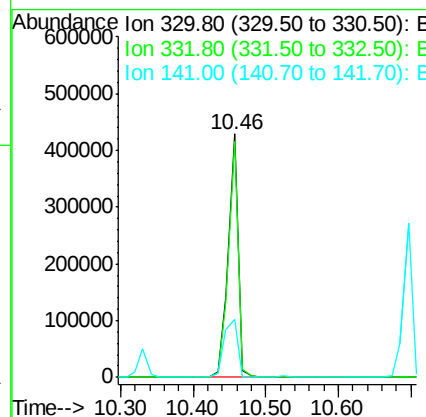
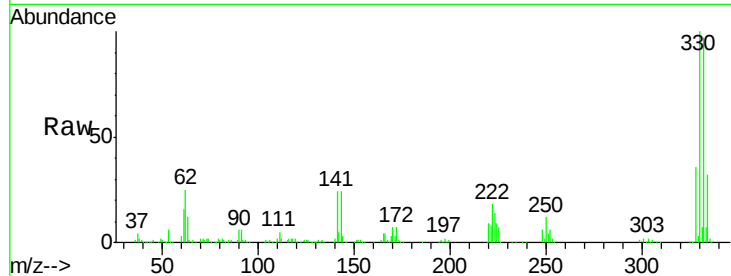
#41
 2,4,6-Tribromophenol
 Concen: 121.97 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB93165BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	411394		
332	96.5	78.6	117.8	
141	32.7	23.3	34.9	

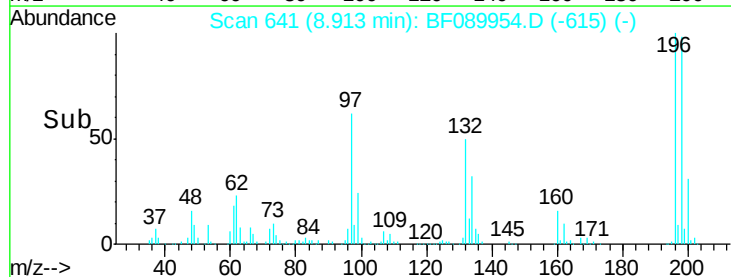
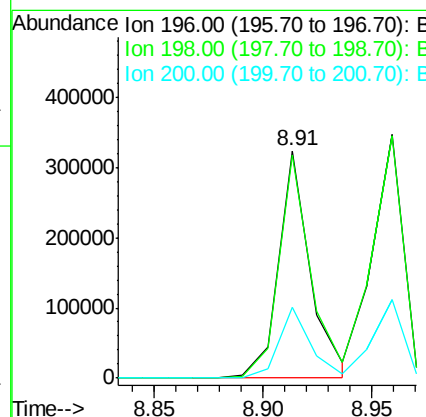
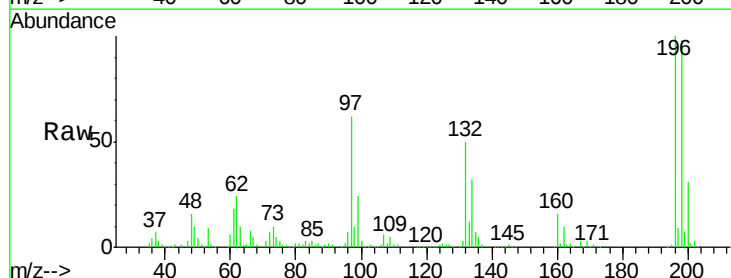
Manual Integrations
 APPROVED

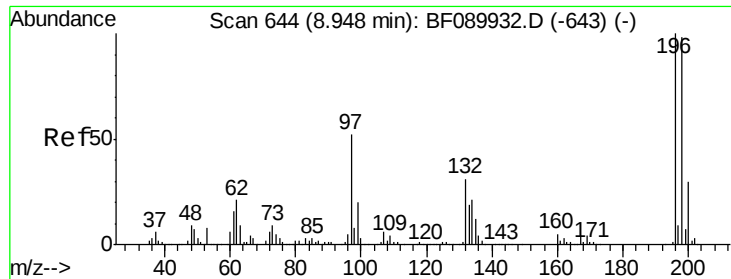
SOHIL
 9/1/2016 11:54:00 AM



#42
 2,4,6-Trichlorophenol
 Concen: 47.86 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

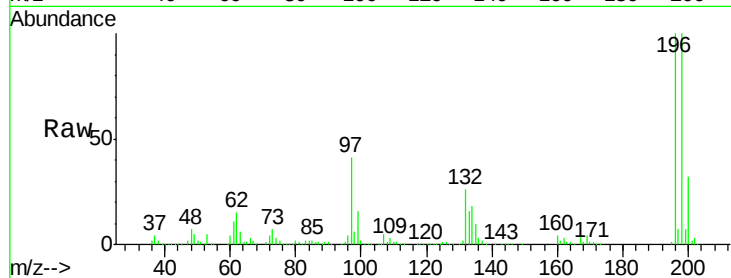
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	332168		
198	98.0	78.3	117.5	
200	31.1	24.8	37.2	





#43
 2,4,5-Trichlorophenol
 Concen: 51.33 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

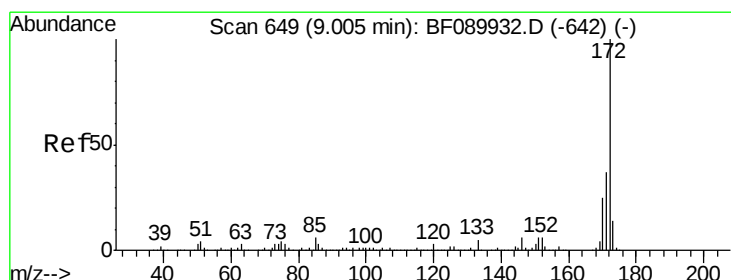
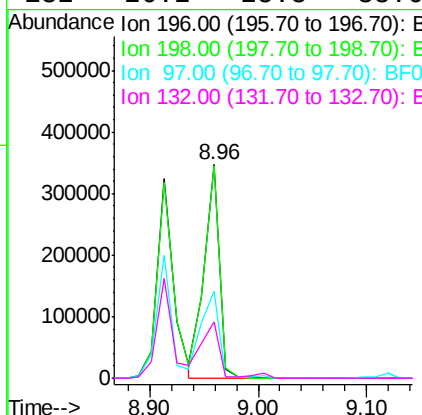
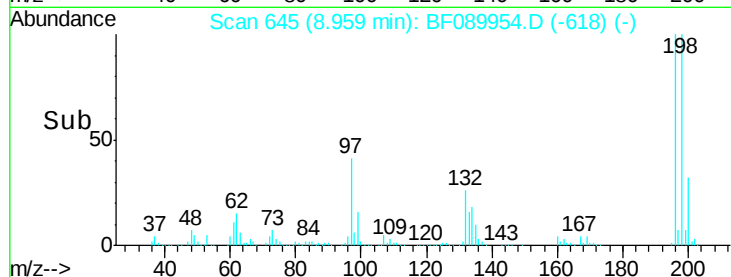
Instrument :
 BNA_F
 ClientSampleId :
 PB93165BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	342605		
198	99.7	80.8	121.2	
97	40.8	44.2	66.4	
132	26.2	25.8	38.6	

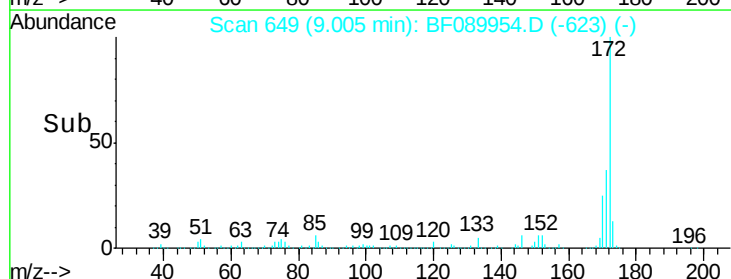
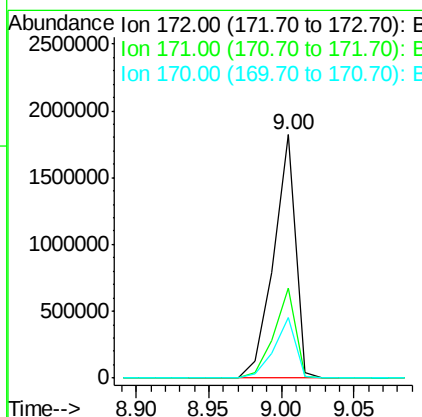
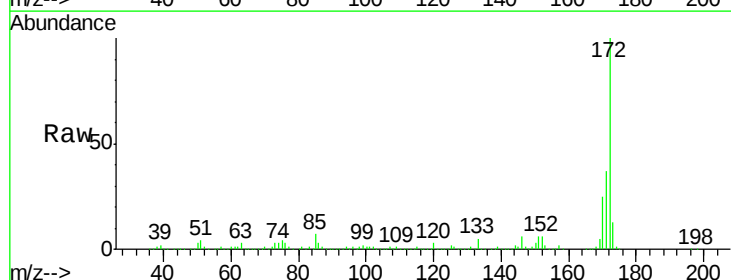
Manual Integrations
 APPROVED

SOHIL
 9/1/2016 11:54:00 AM



#44
 2-Fluorobiphenyl
 Concen: 91.53 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1906233		
171	37.0	29.4	44.2	
170	25.1	20.1	30.1	





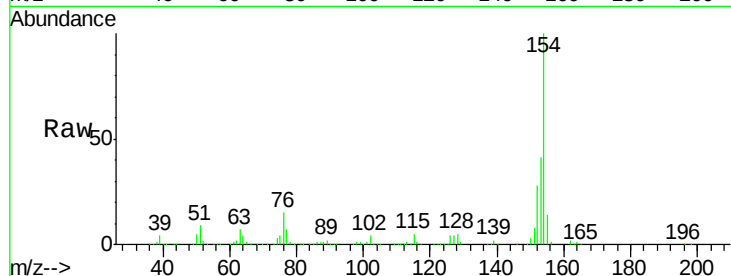
#45
 1,1'-Biphenyl
 Concen: 38.85 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB93165BS

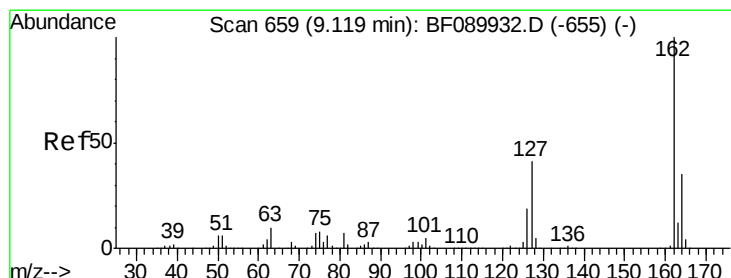
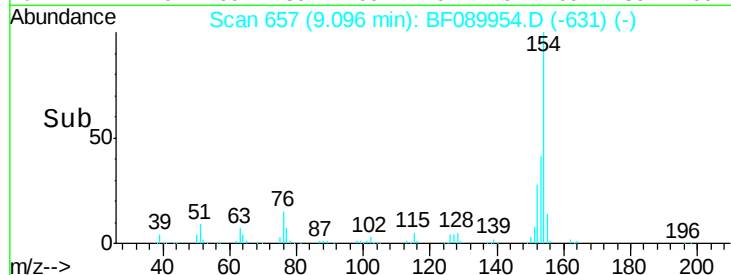
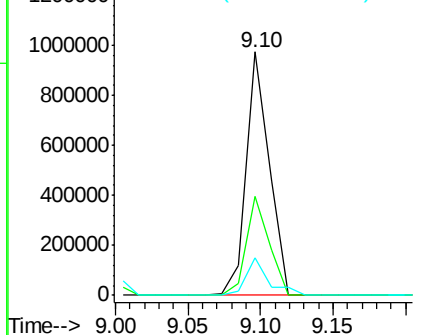
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.6	60.6
76	15.2	0.0	34.9

Manual Integrations
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SOHIL
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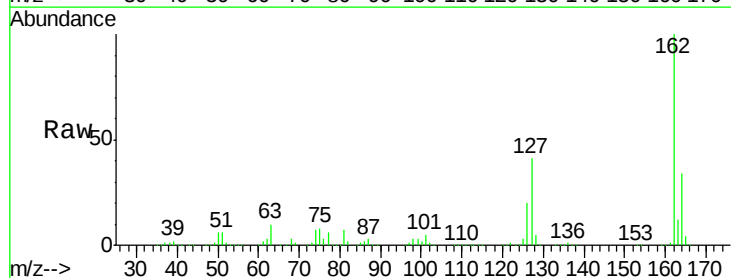


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

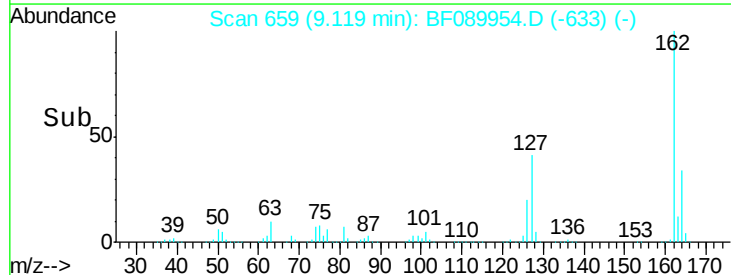
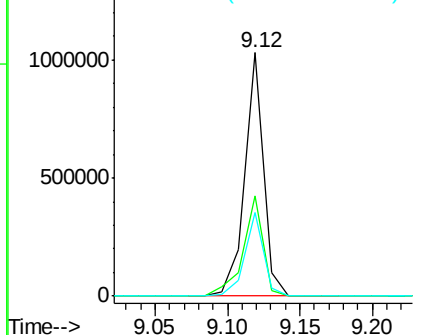


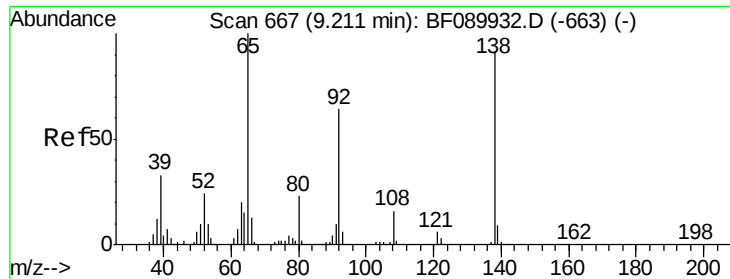
#46
 2-Chloronaphthalene
 Concen: 47.56 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.0	33.5	50.3
164	34.5	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





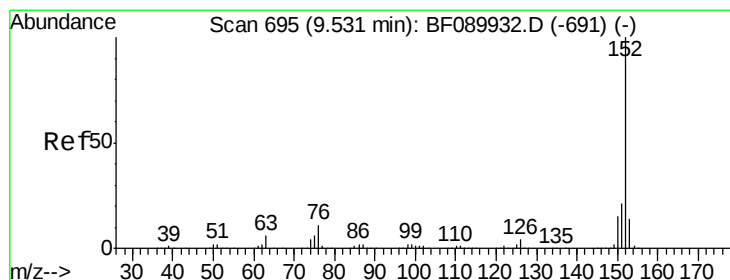
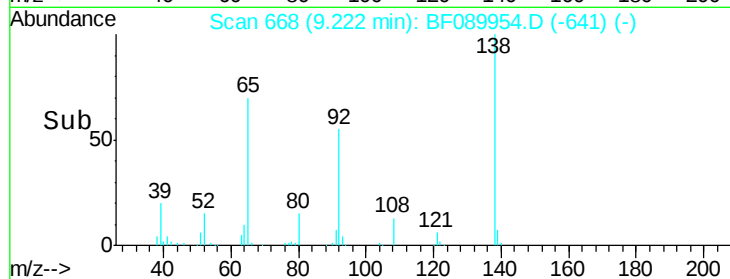
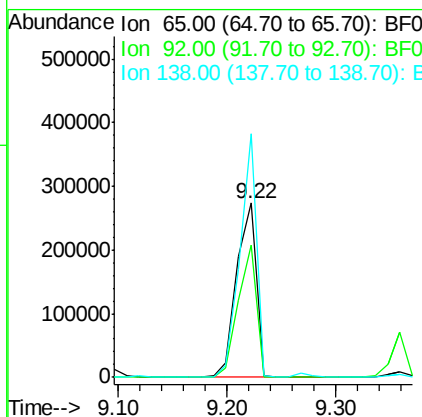
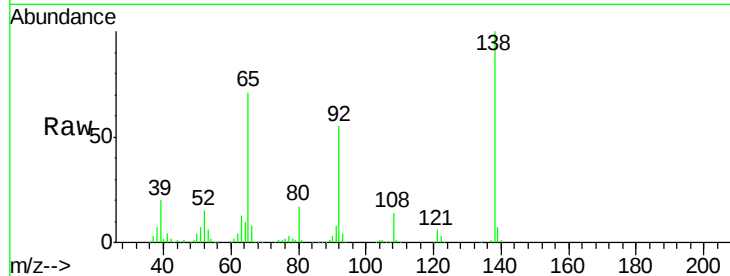
#47
2-Nitroaniline
Concen: 52.98 ng
RT: 9.22 min Scan# 668
Delta R.T. 0.01 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Instrument :
BNA_F
ClientSampleId :
PB93165BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.3	52.0	78.0
138	140.0	72.1	108.1#

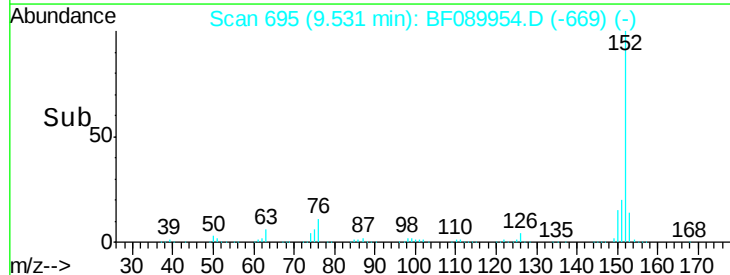
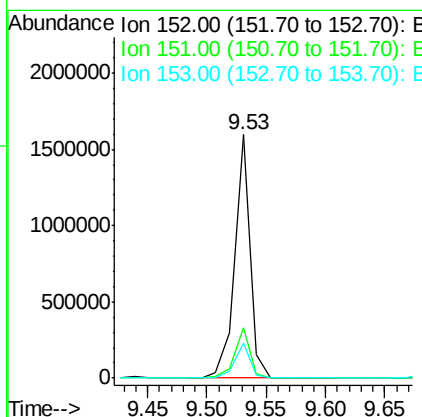
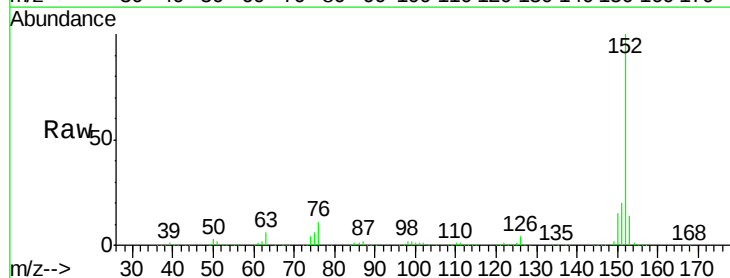
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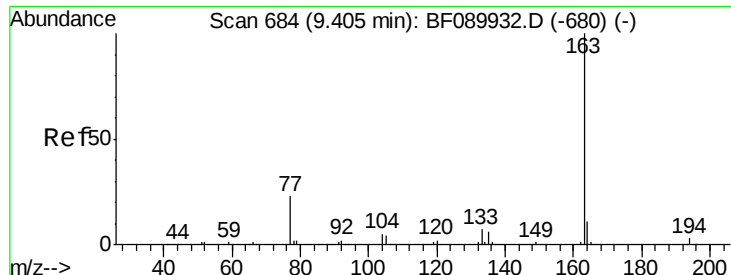
SOHIL
9/1/2016 11:54:00 AM



#48
Acenaphthylene
Concen: 44.46 ng
RT: 9.53 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.7	25.1
153	14.4	11.6	17.4





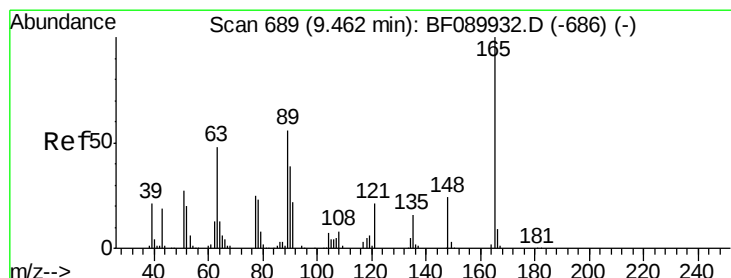
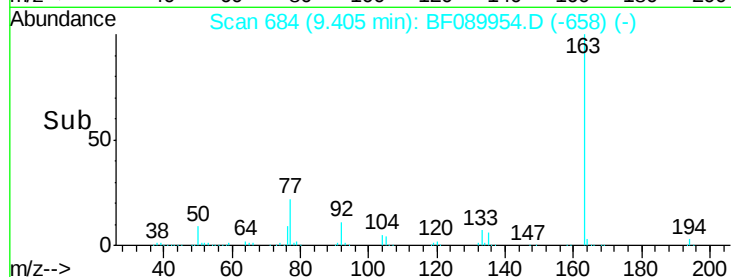
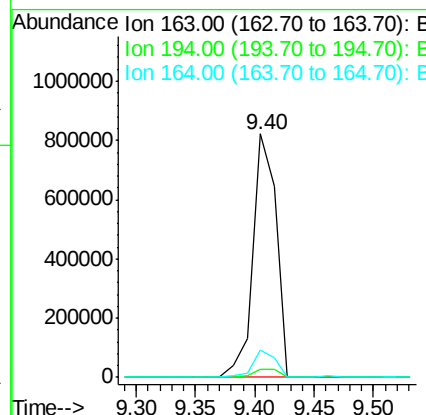
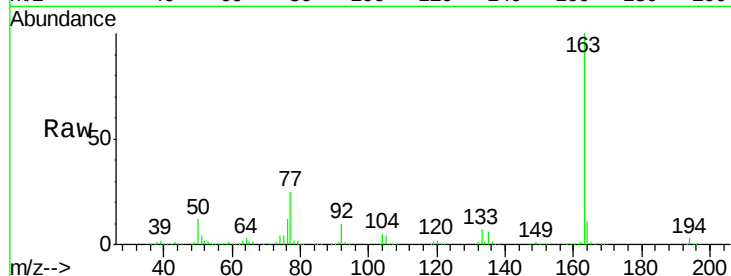
#49
Dimethylphthalate
Concen: 45.62 ng
RT: 9.40 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Instrument :
BNA_F
ClientSampleId :
PB93165BS

Tgt Ion:163 Resp: 1127321
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 11.4 9.0 13.4

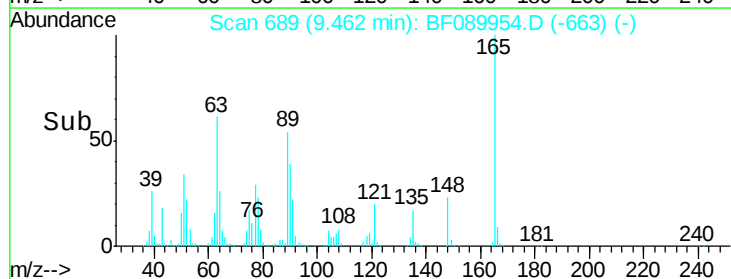
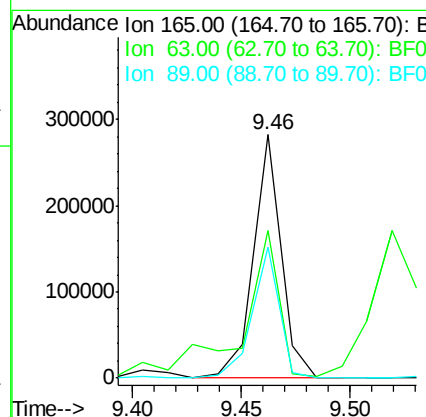
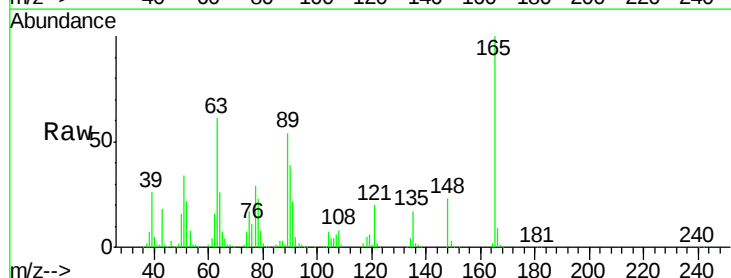
Manual Integrations
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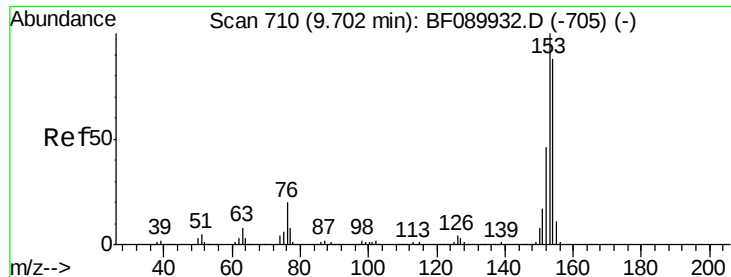
SOHIL
9/1/2016 11:54:00 AM



#50
2,6-Dinitrotoluene
Concen: 45.37 ng
RT: 9.46 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Tgt Ion:165 Resp: 249345
Ion Ratio Lower Upper
165 100
63 60.7 45.0 67.4
89 54.0 41.5 62.3





#51

Acenaphthene

Concen: 46.71 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

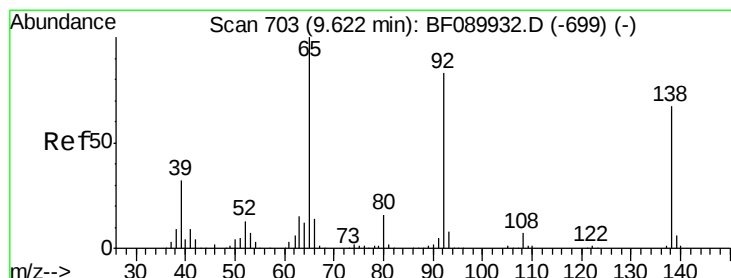
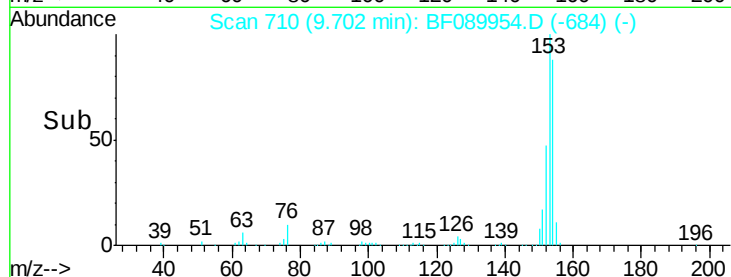
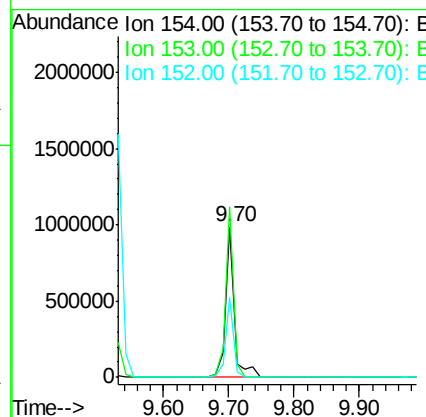
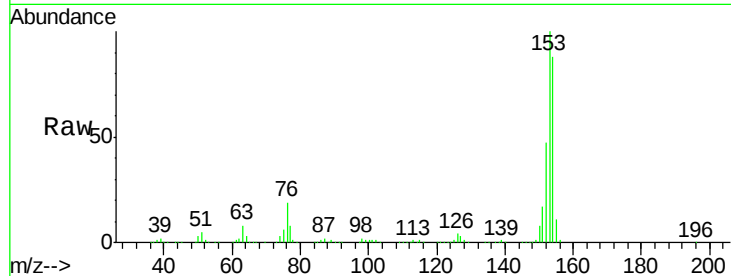
ClientSampleId :

PB93165BS

Tgt Ion:	154	Resp:	952892
Ion Ratio	Lower	Upper	
154	100		
153	113.6	90.6	135.8
152	53.0	42.4	63.6

Manual Integrations
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SOHIL
9/1/2016 11:54:00 AM



#52

3-Nitroaniline

Concen: 25.68 ng

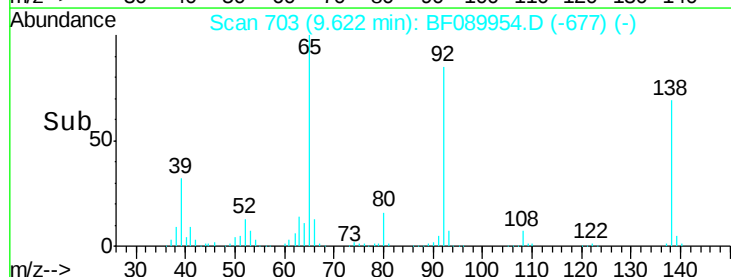
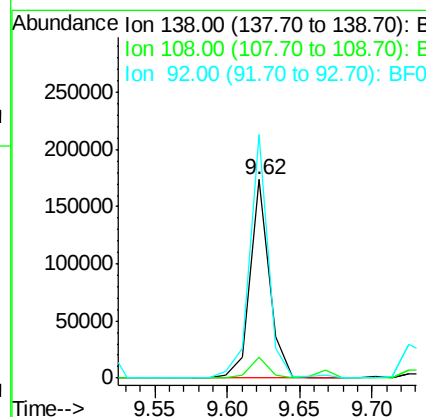
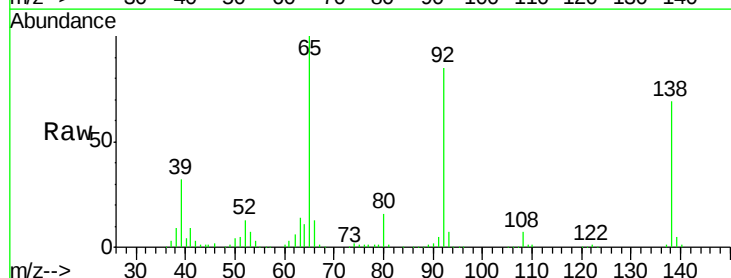
RT: 9.62 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Tgt Ion:	138	Resp:	160965
Ion Ratio	Lower	Upper	
138	100		
108	10.3	8.3	12.5
92	122.8	99.1	148.7





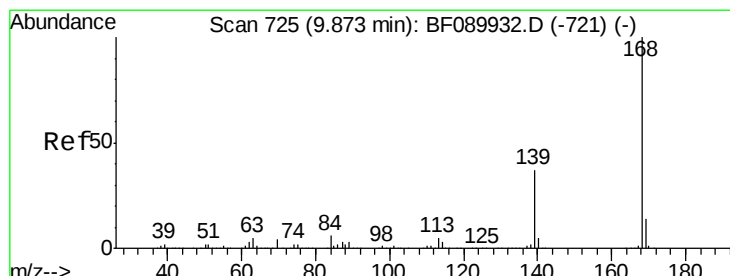
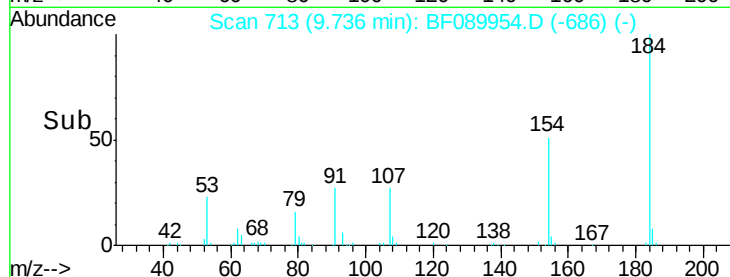
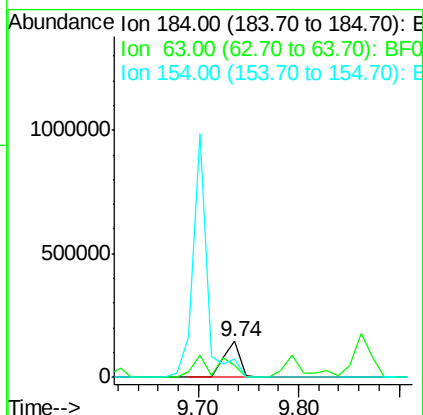
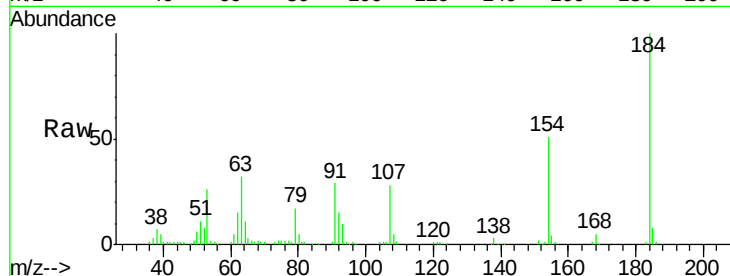
#53
2,4-Dinitrophenol
Concen: 52.68 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.01 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Instrument :
BNA_F
ClientSampleId :
PB93165BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	162575		
63	31.8	73.9	110.9#	
154	51.1	53.5	80.3#	

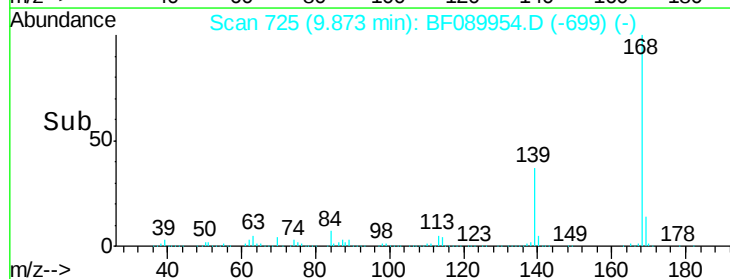
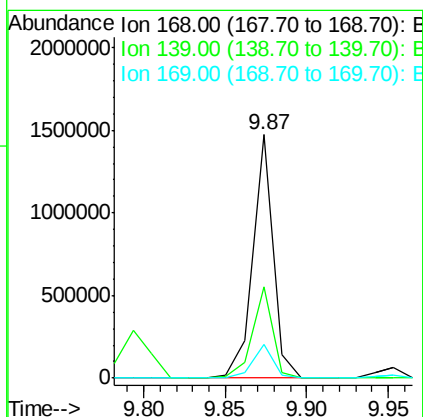
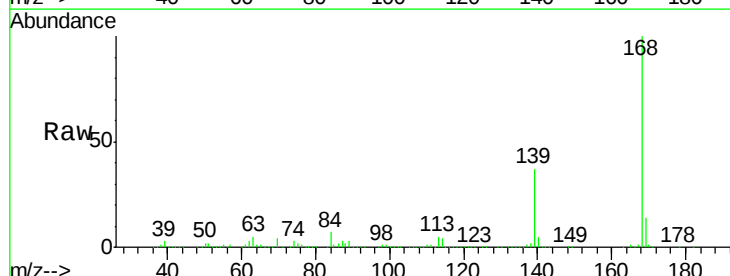
Manual Integrations
APPROVED

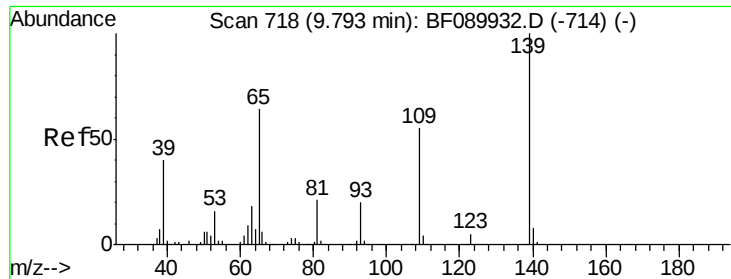
SOHIL
9/1/2016 11:54:00 AM



#54
Dibenzofuran
Concen: 46.94 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1283343		
139	37.3	29.5	44.3	
169	13.9	10.8	16.2	





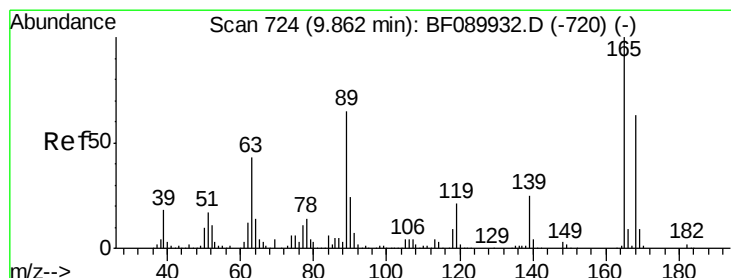
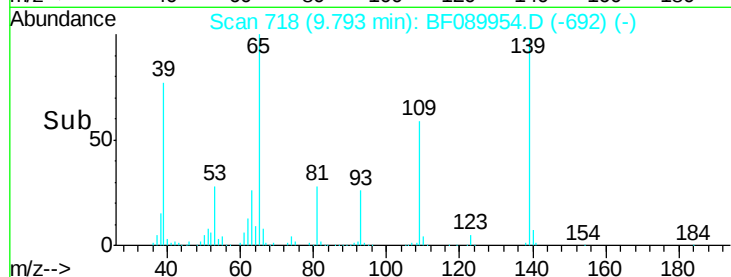
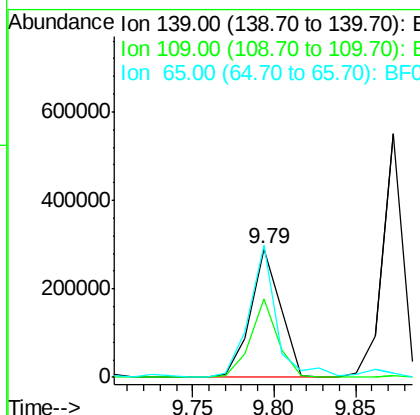
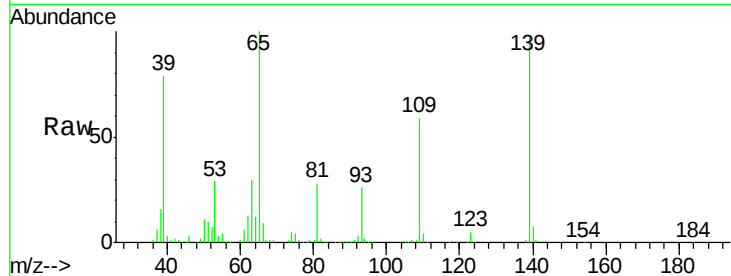
#55
4-Nitrophenol
Concen: 79.24 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Instrument :
BNA_F
ClientSampleId :
PB93165BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	374655		
109	60.5	31.3	71.3	
65	102.7	38.5	78.5#	

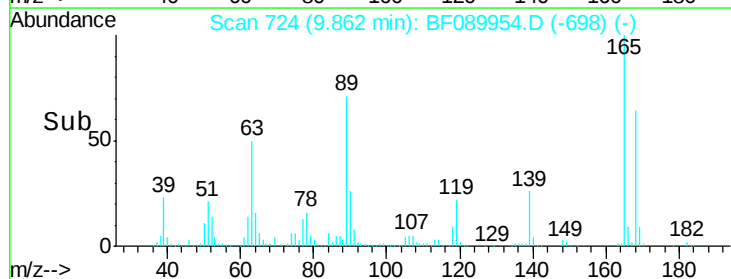
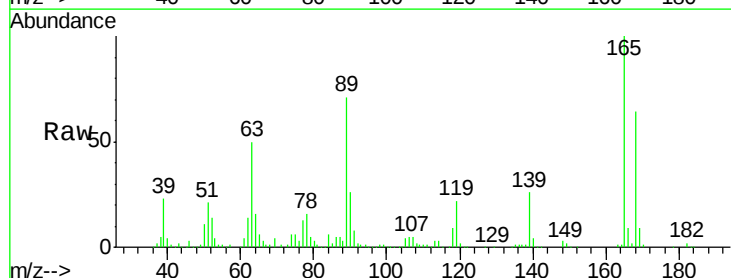
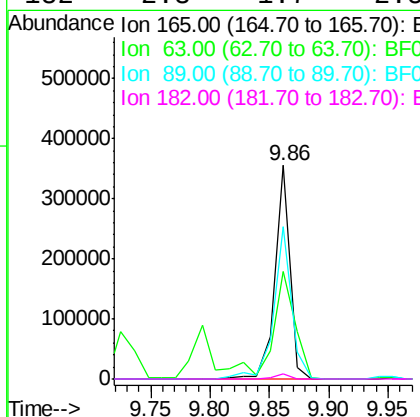
Manual Integrations
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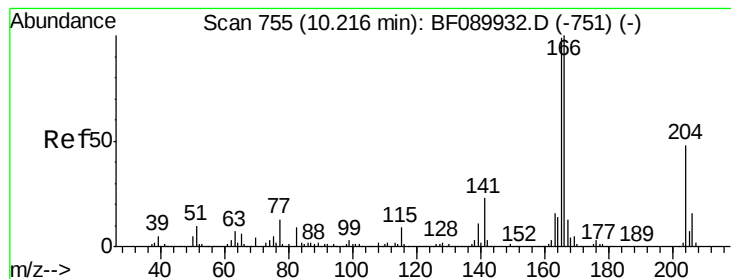
SOHIL
9/1/2016 11:54:00 AM



#56
2,4-Dinitrotoluene
Concen: 44.87 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	312727		
63	50.1	32.5	48.7#	
89	71.4	48.3	72.5	
182	2.3	1.7	2.5	





#57

Fluorene

Concen: 49.15 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

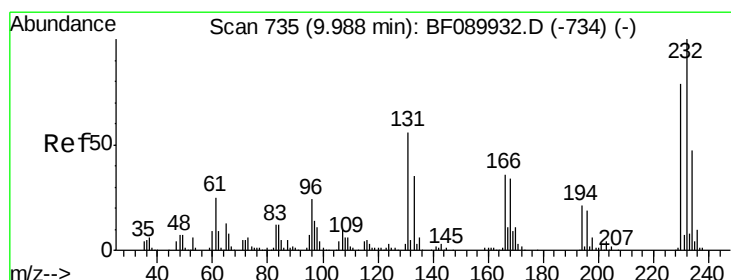
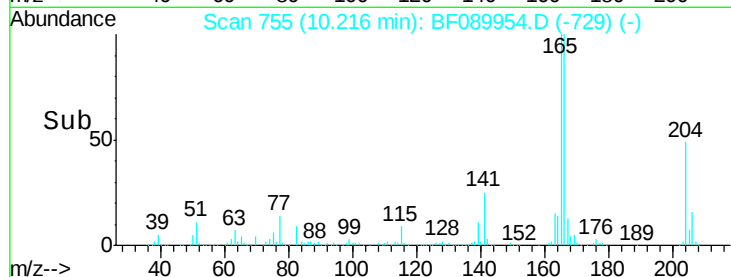
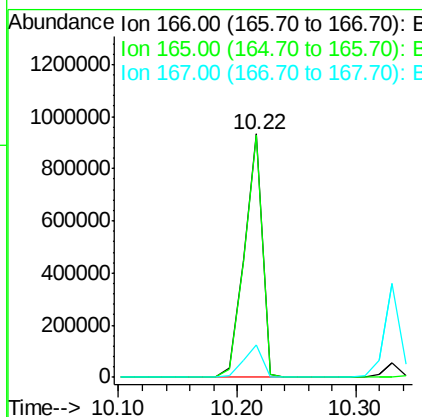
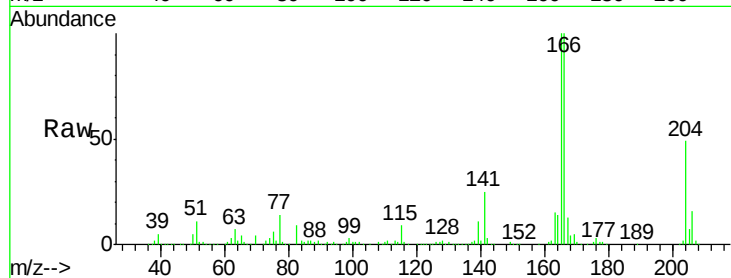
ClientSampleId :

PB93165BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	981719		
165	99.6	78.6	118.0	
167	13.4	10.6	15.8	

Manual Integrations
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SOHIL
9/1/2016 11:54:00 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.44 ng

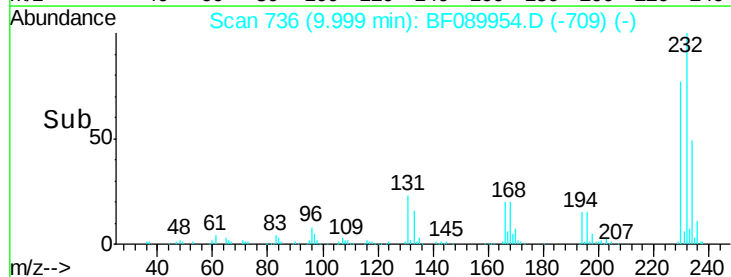
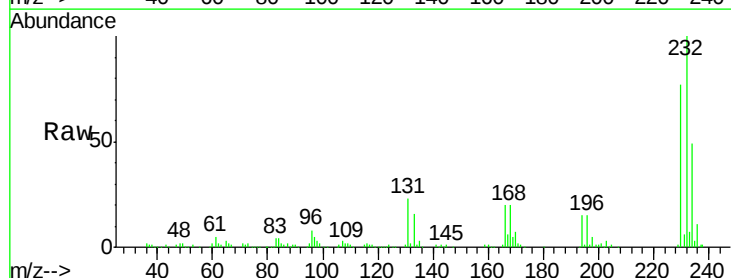
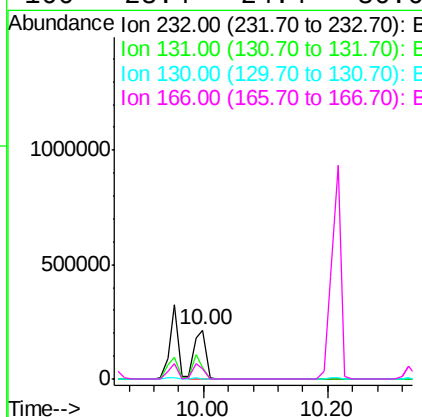
RT: 10.00 min Scan# 736

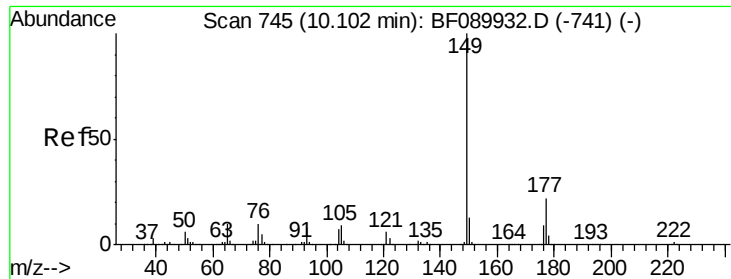
Delta R.T. 0.01 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	282506		
131	41.0	36.3	54.5	
130	1.9	1.7	2.5	
166	28.4	24.4	36.6	





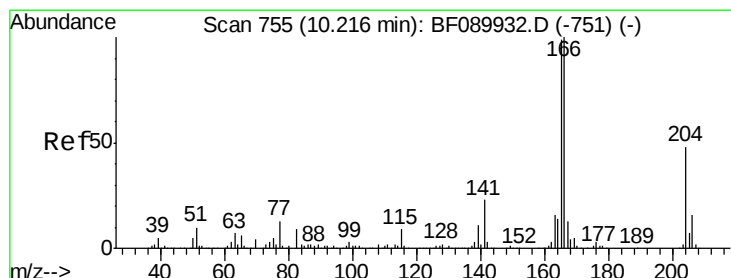
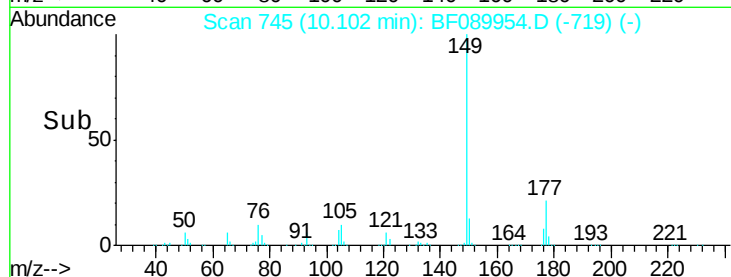
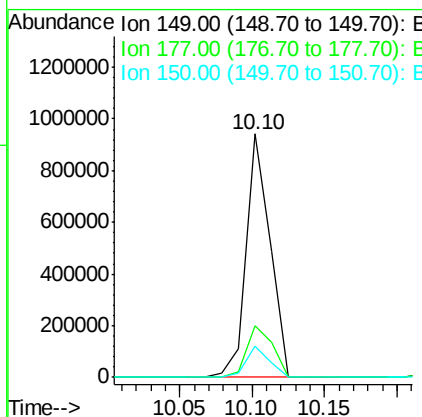
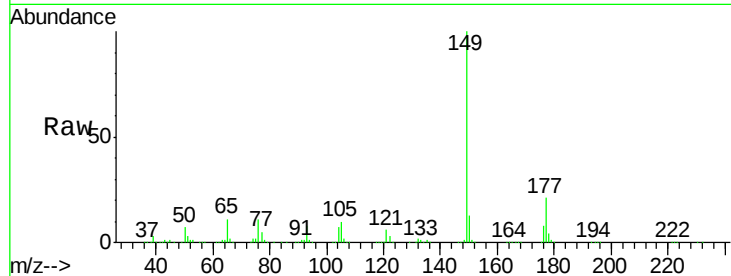
#59
Diethylphthalate
Concen: 45.87 ng
RT: 10.10 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Instrument :
BNA_F
ClientSampleId :
PB93165BS

Tgt Ion:149 Resp: 1066272
Ion Ratio Lower Upper
149 100
177 21.1 17.7 26.5
150 12.6 10.2 15.2

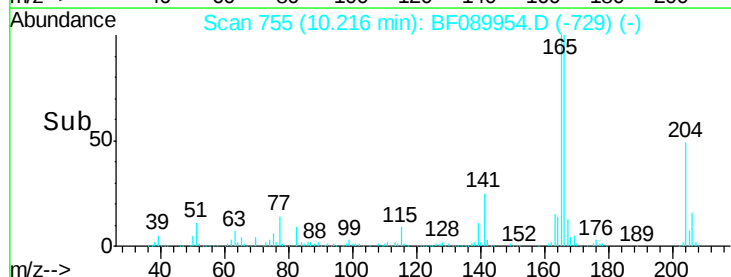
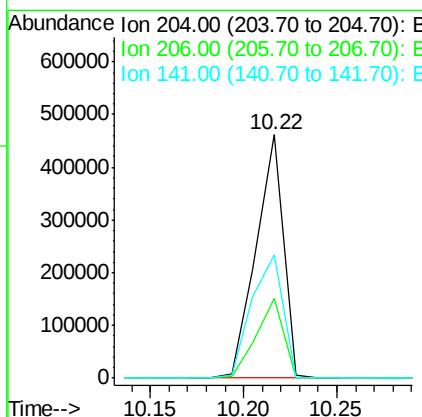
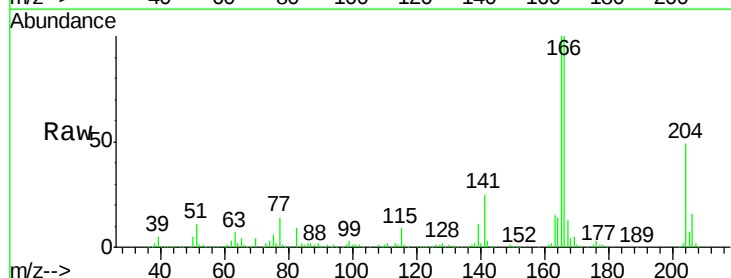
Manual Integrations
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9/1/2016 11:54:00 AM



#60
4-Chlorophenyl-phenylether
Concen: 49.61 ng
RT: 10.22 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Tgt Ion:204 Resp: 466321
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 50.8 36.5 54.7





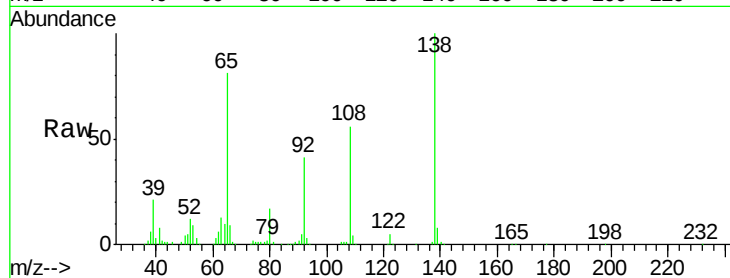
#61
4-Nitroaniline
Concen: 43.46 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Instrument :
BNA_F
ClientSampleId :
PB93165BS

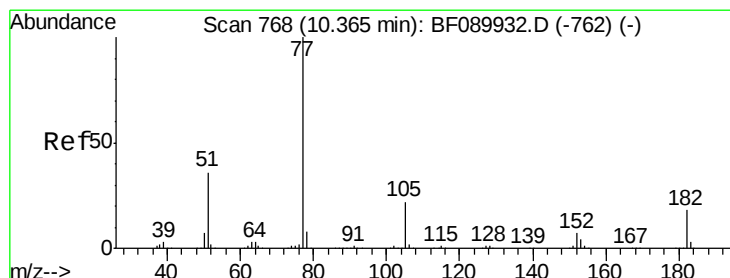
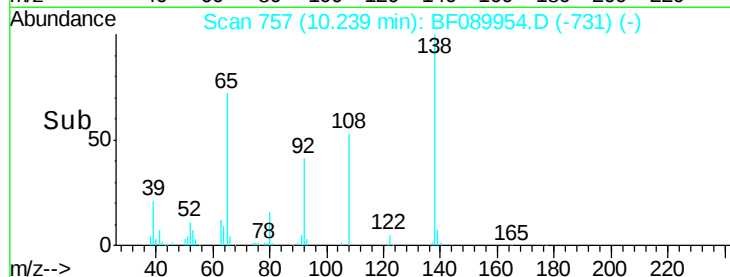
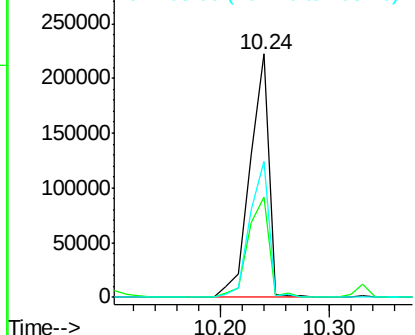
Tgt Ion	Ratio	Lower	Upper
138	100		
92	41.4	21.2	61.2
108	55.8	37.7	77.7

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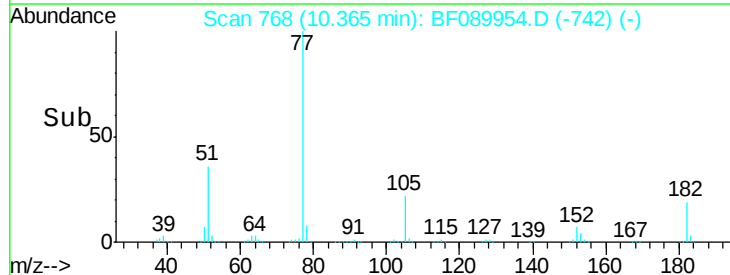
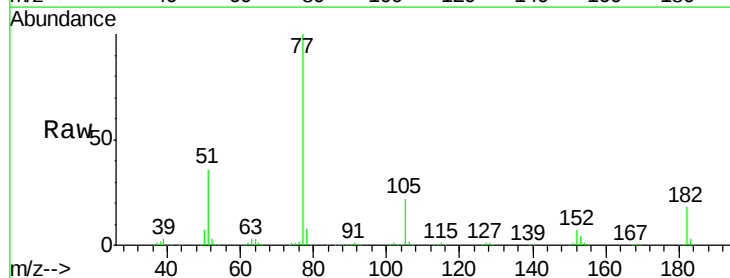
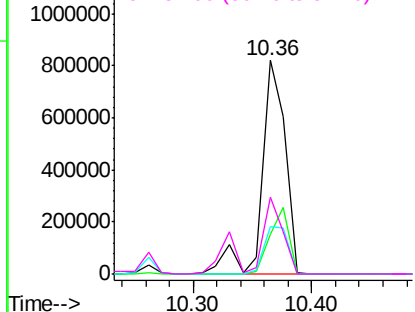
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

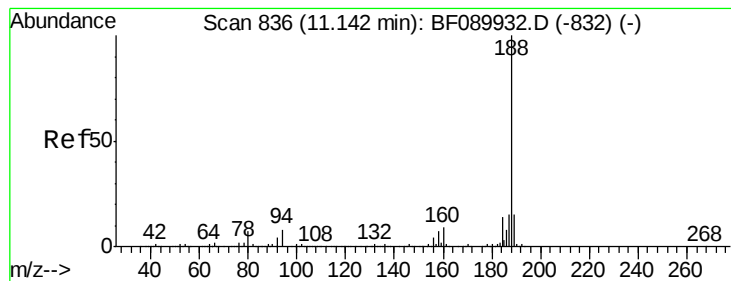


#62
Azobenzene
Concen: 48.45 ng
RT: 10.36 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.5	0.0	38.6
105	22.2	2.3	42.3
51	35.8	15.1	55.1

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

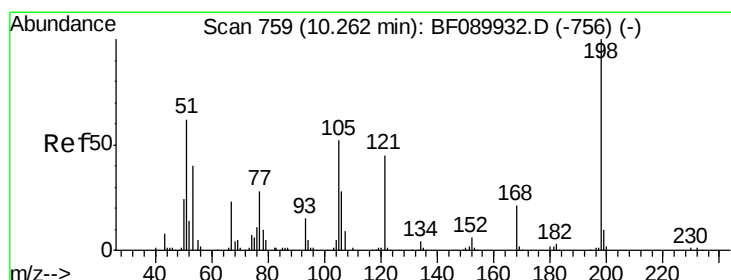
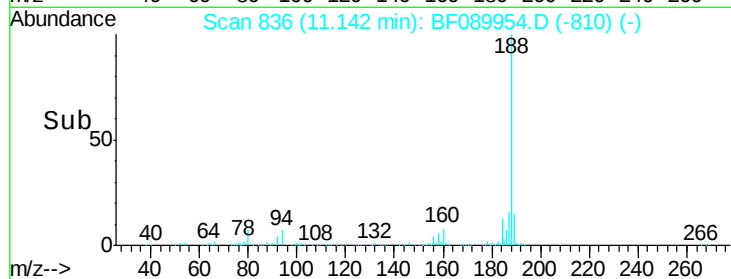
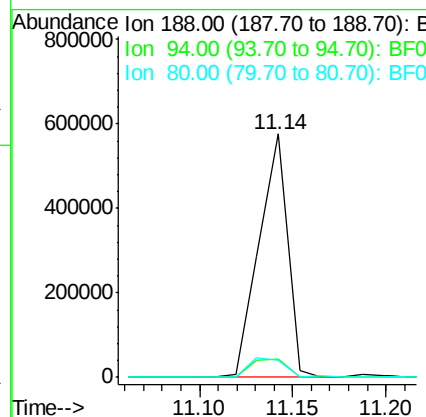
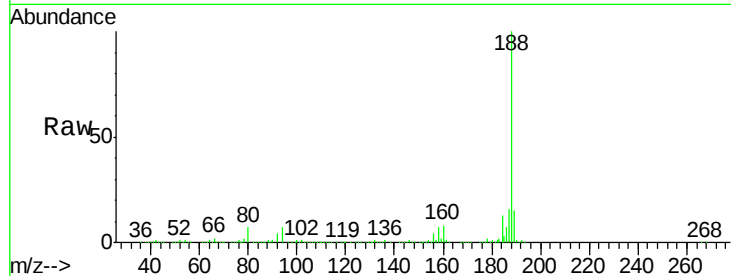
ClientSampleId :

PB93165BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	608936		
94	7.3	5.9	8.9	
80	7.2	5.8	8.8	

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#64

4,6-Dinitro-2-methylphenol

Concen: 30.74 ng

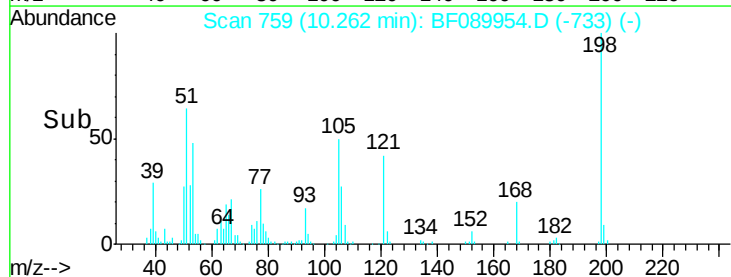
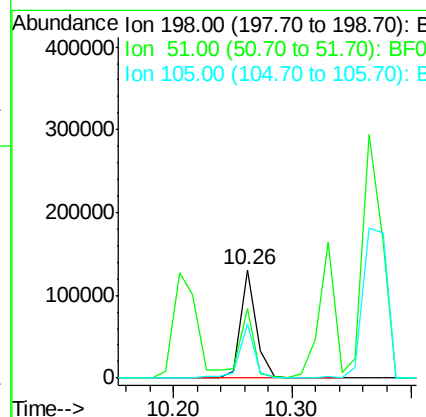
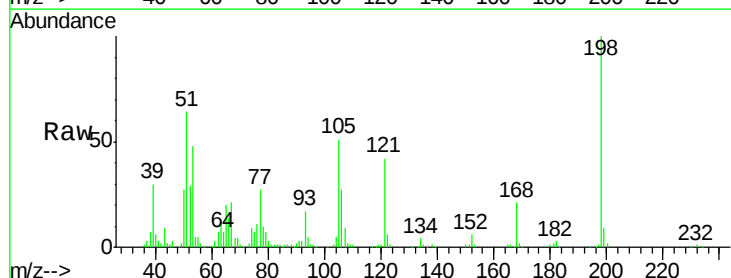
RT: 10.26 min Scan# 759

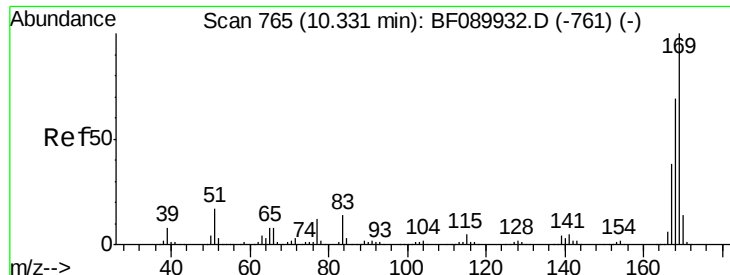
Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	119857		
51	64.0	43.0	83.0	
105	50.6	30.3	70.3	





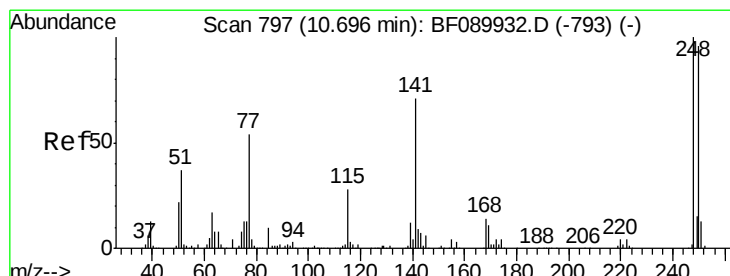
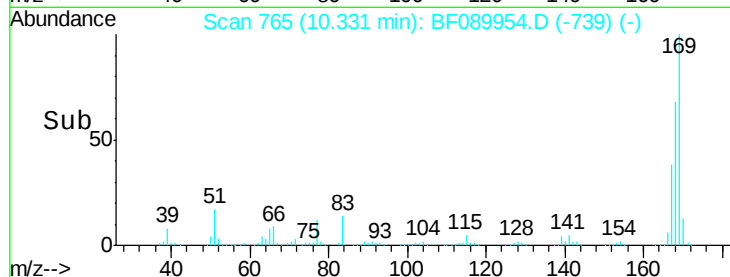
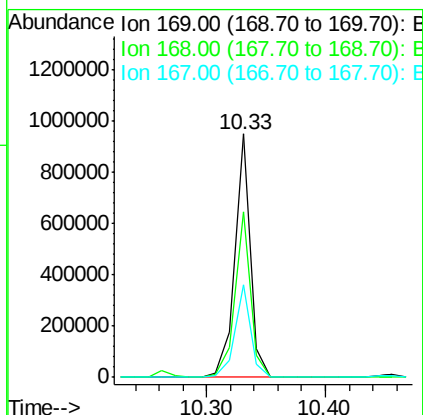
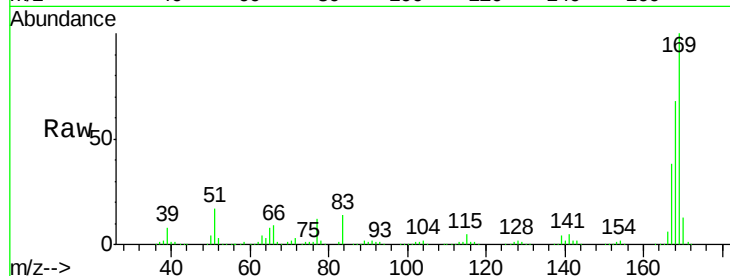
#65
 n-Nitrosodiphenylamine
 Concen: 47.24 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB93165BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	864847		
168	68.1	55.0	82.4	
167	38.1	30.5	45.7	

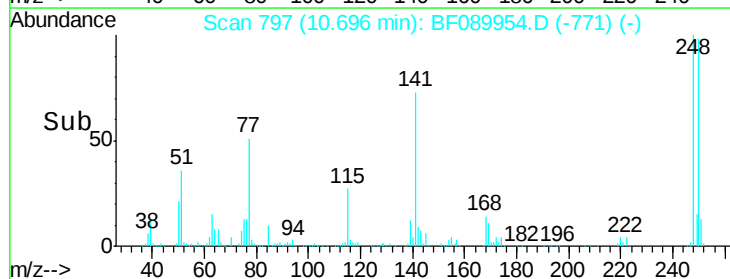
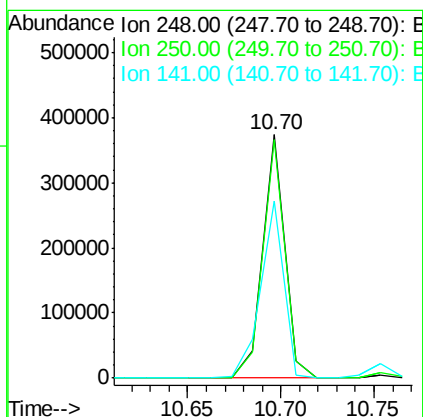
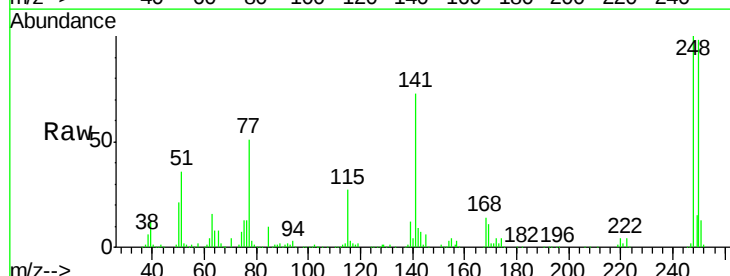
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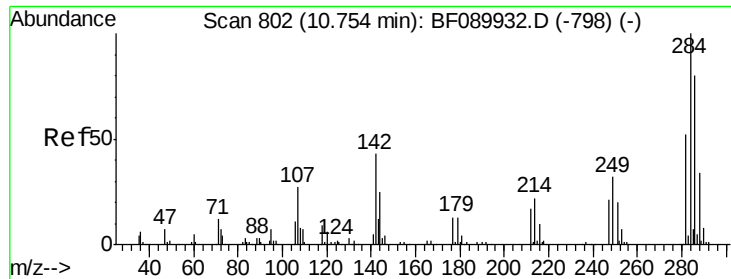
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#66
 4-Bromophenyl-phenylether
 Concen: 49.58 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	303962		
250	97.8	77.3	115.9	
141	72.6	55.8	83.8	





#67

Hexachlorobenzene

Concen: 42.69 ng

RT: 10.75 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF089954.D

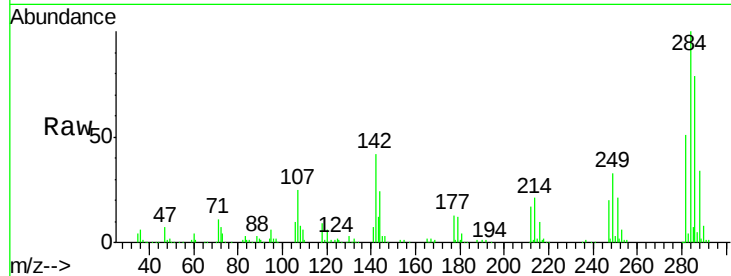
Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampleId :

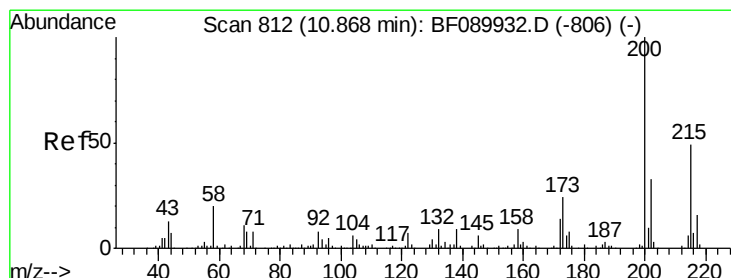
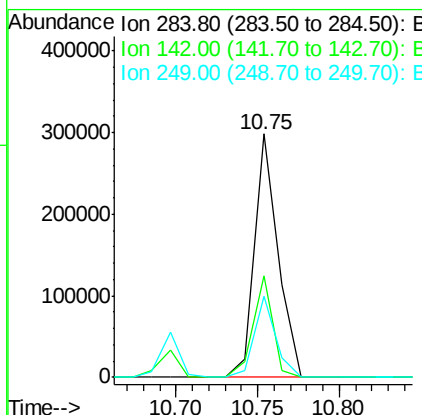
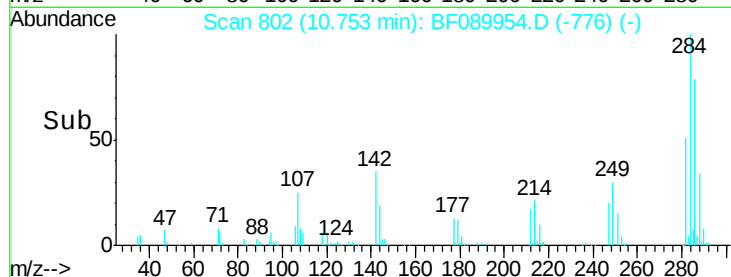
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Tgt Ion	Ratio	Resp	Lower	Upper
284	100	298929		
142	41.7	32.7	49.1	
249	33.3	26.9	40.3	

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#68

Atrazine

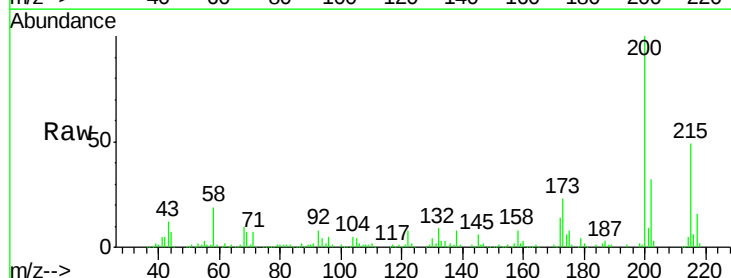
Concen: 51.39 ng

RT: 10.87 min Scan# 812

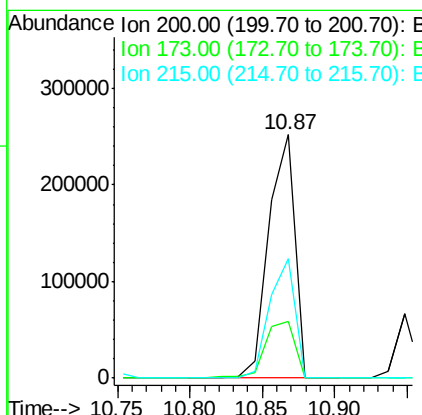
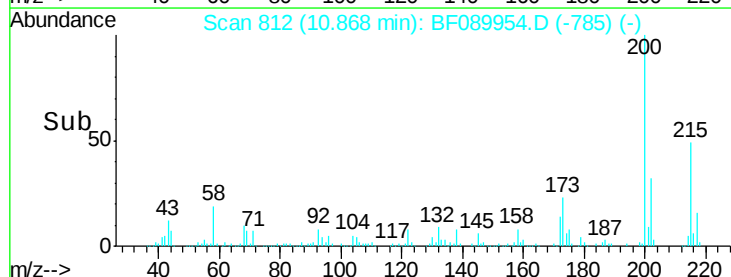
Delta R.T. 0.01 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00



Tgt Ion	Ratio	Resp	Lower	Upper
200	100	314086		
173	23.2	9.4	49.4	
215	49.2	24.5	64.5	





#69

Pentachlorophenol

Concen: 81.23 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

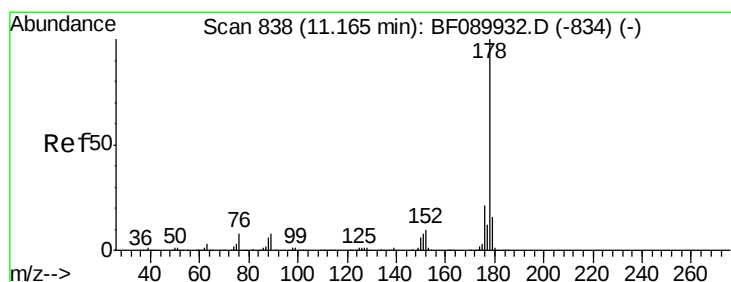
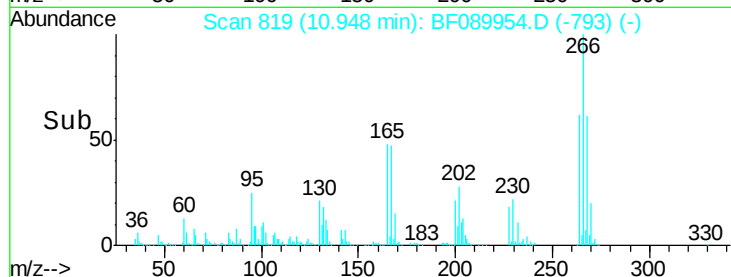
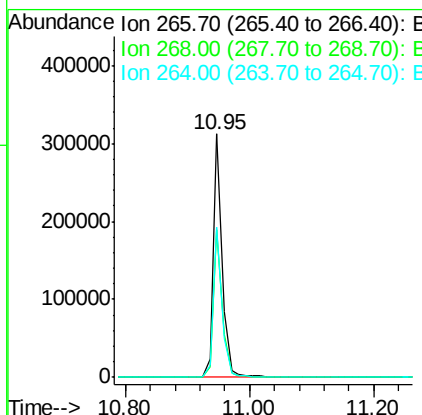
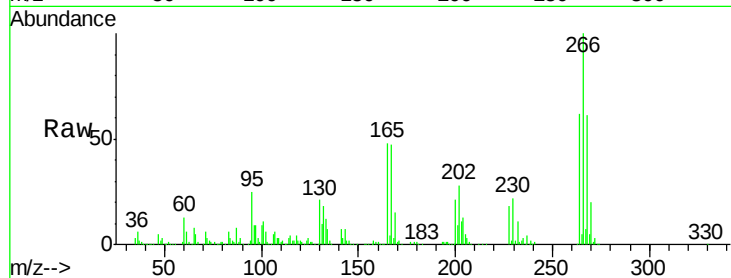
ClientSampleId :

PB93165BS

Tgt Ion:	266	Resp:	306010
Ion Ratio		Lower	Upper
266	100		
268	60.6	51.0	76.6
264	61.6	50.6	75.8

Manual Integrations
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#70

Phenanthrene

Concen: 47.08 ng

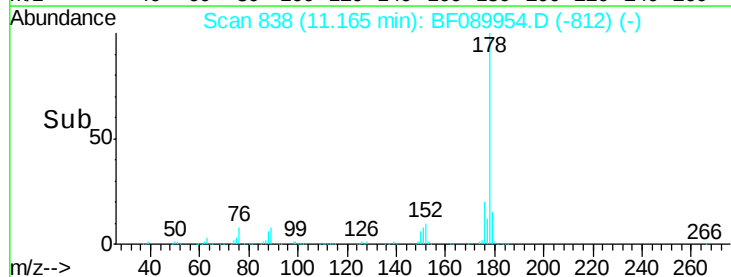
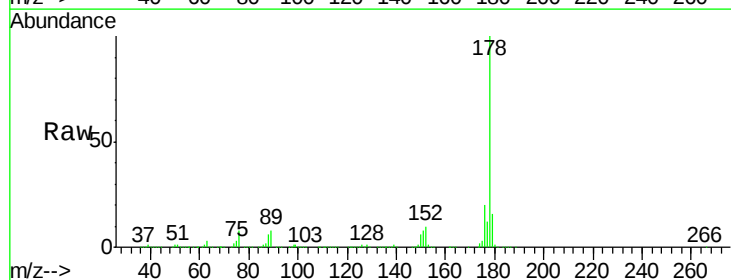
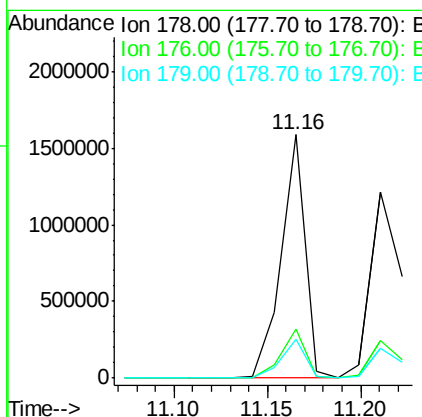
RT: 11.16 min Scan# 838

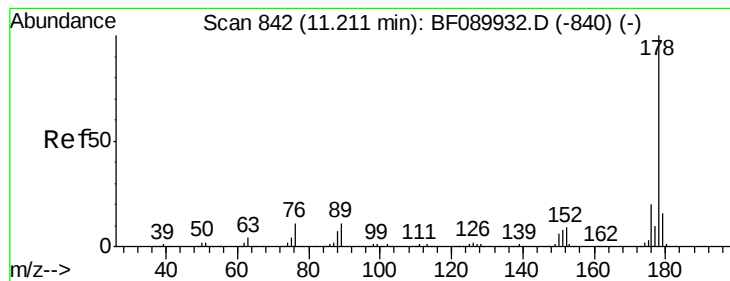
Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Tgt Ion:	178	Resp:	1427595
Ion Ratio		Lower	Upper
178	100		
176	20.3	16.5	24.7
179	15.8	12.8	19.2





#71

Anthracene

Concen: 44.17 ng

RT: 11.21 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampleId :

PB93165BS

Tgt Ion:178 Resp: 1358372

Ion Ratio Lower Upper

178 100

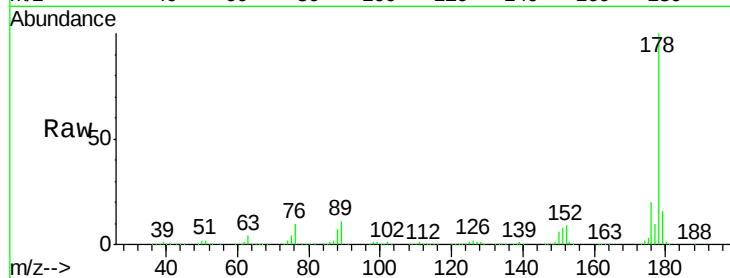
176 19.9 15.8 23.8

179 16.1 13.0 19.4

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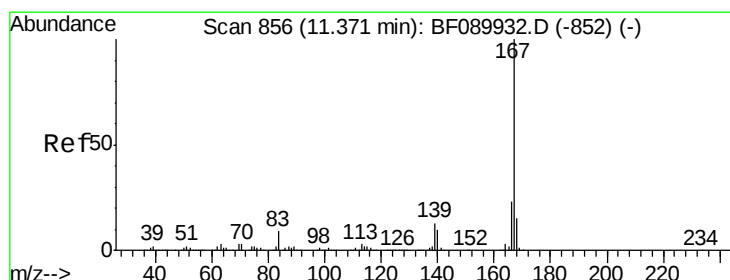
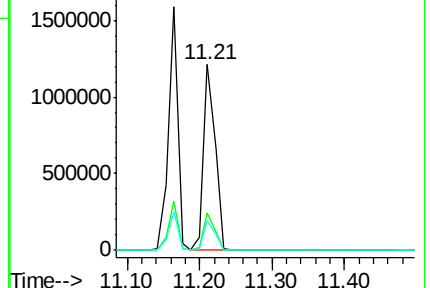
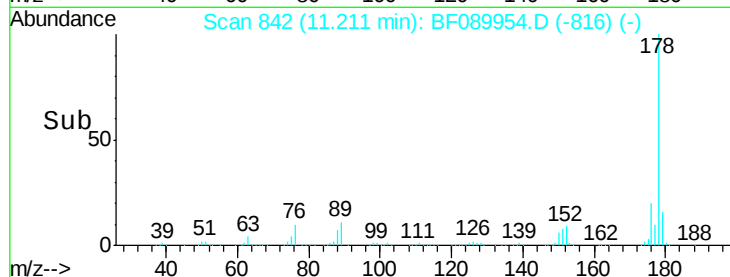
9/1/2016 11:54:00 AM



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: 42.93 ng

RT: 11.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

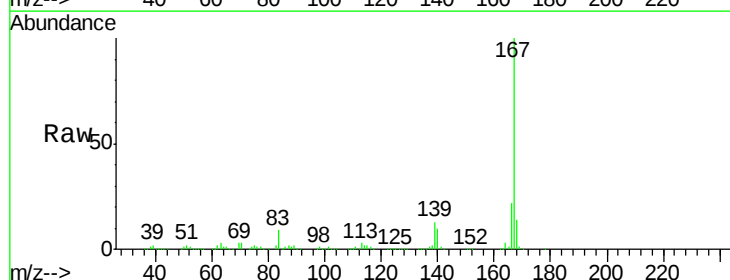
Tgt Ion:167 Resp: 1238152

Ion Ratio Lower Upper

167 100

166 22.3 18.1 27.1

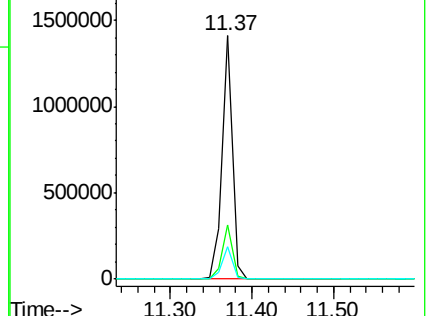
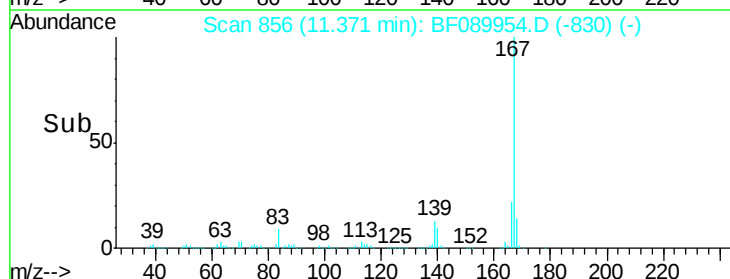
139 13.3 10.4 15.6

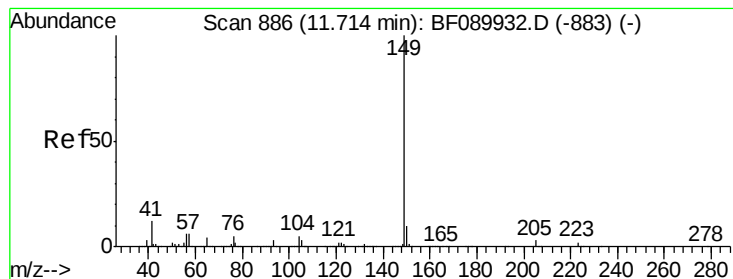


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.58 ng

RT: 11.71 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampleId :

PB93165BS

Tgt Ion:149 Resp: 1599254

Ion Ratio Lower Upper

149 100

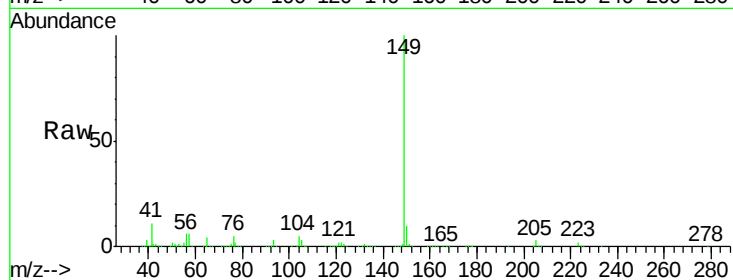
150 9.8 7.8 11.8

104 5.1 3.9 5.9

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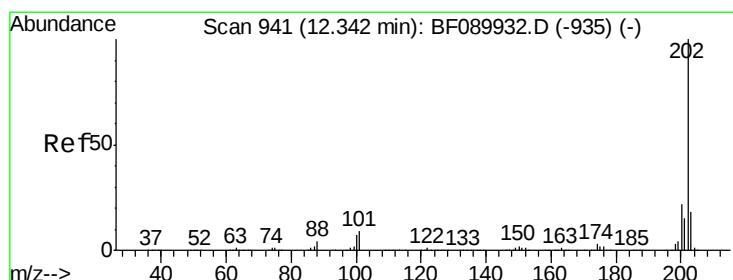
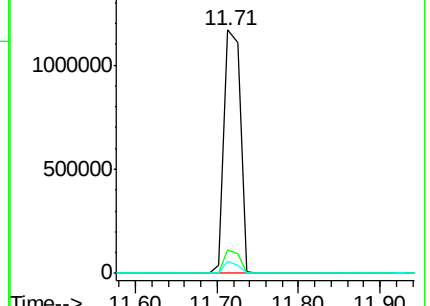
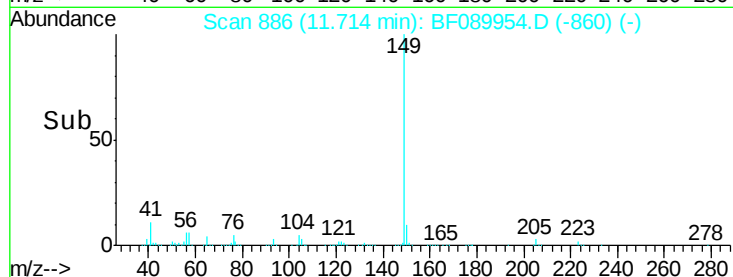
9/1/2016 11:54:00 AM



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: 43.29 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

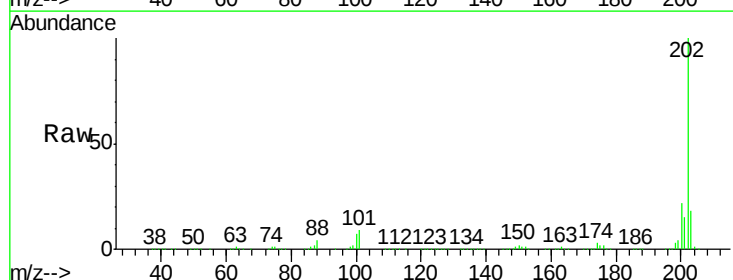
Tgt Ion:202 Resp: 1375558

Ion Ratio Lower Upper

202 100

101 9.2 0.0 28.5

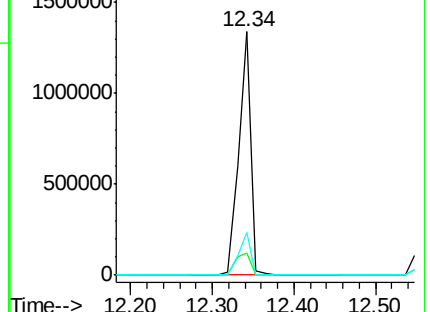
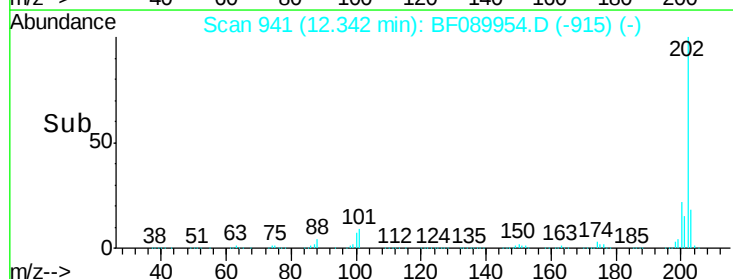
203 17.8 0.0 38.0

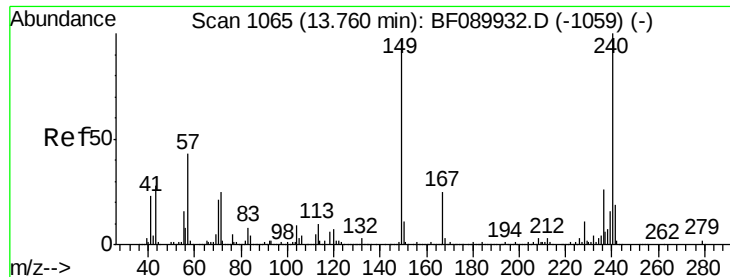


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

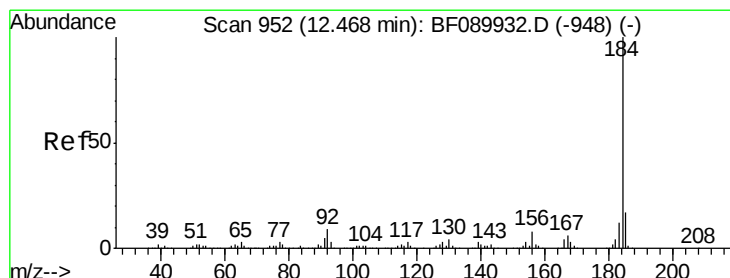
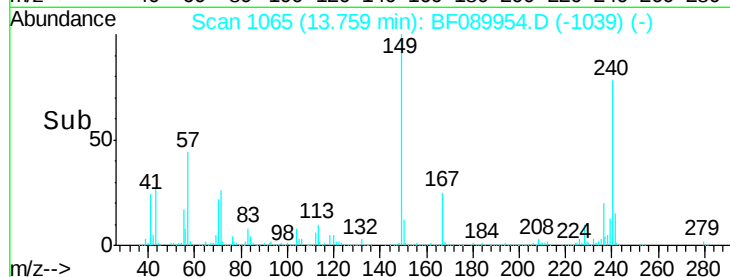
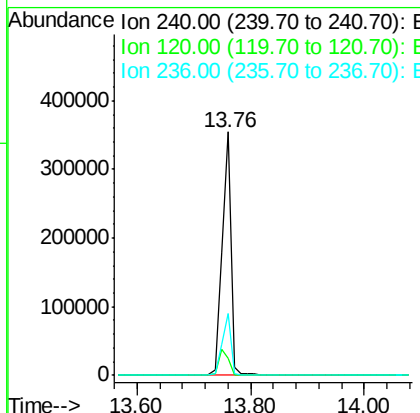
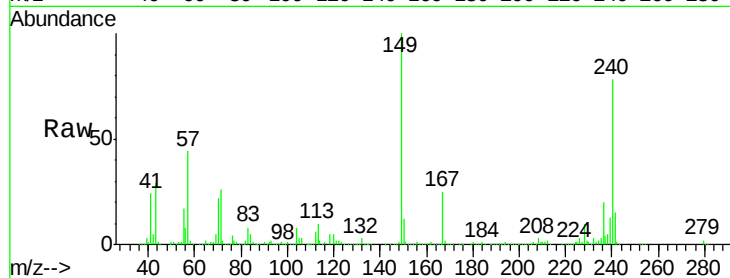
ClientSampleId :

PB93165BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.7	8.5
236	25.6	21.3	31.9

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#76

Benzidine

Concen: 43.11 ng

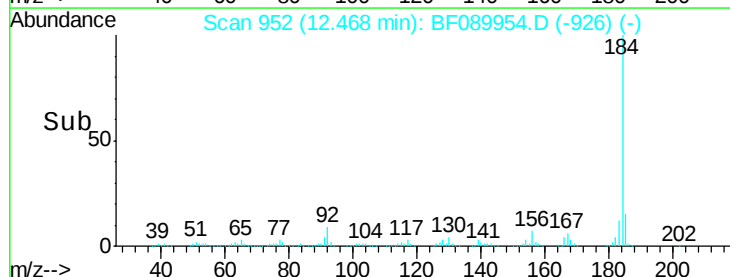
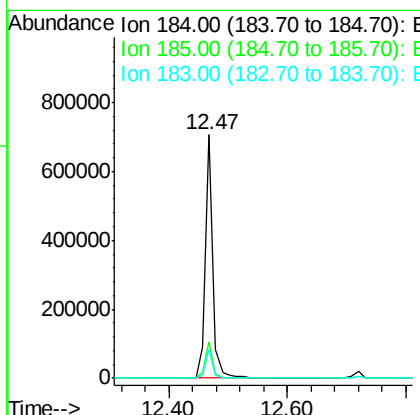
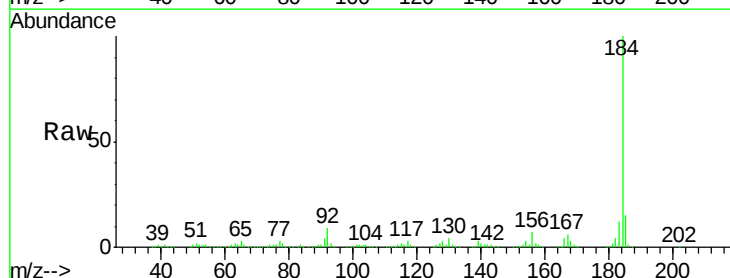
RT: 12.47 min Scan# 952

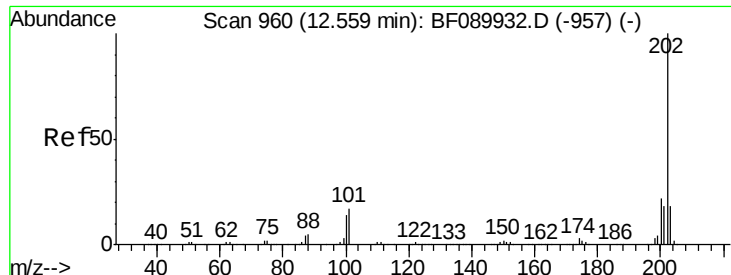
Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.8	20.8
183	11.7	9.6	14.4





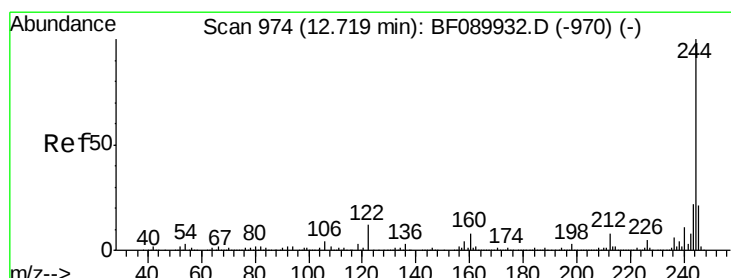
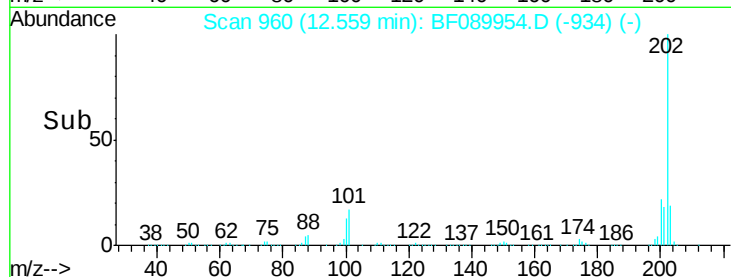
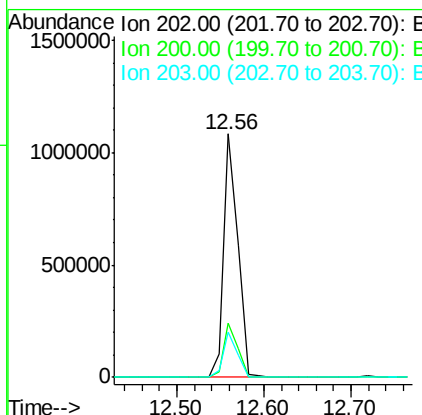
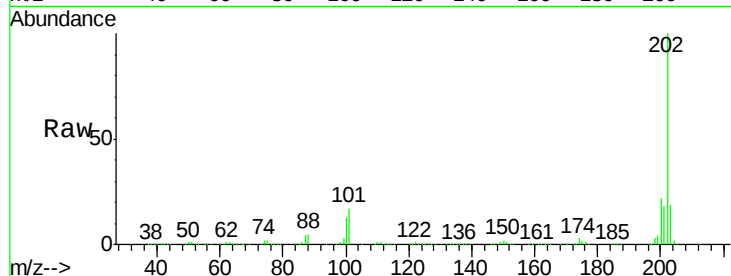
#77
Pyrene
 Concen: 44.88 ng
 RT: 12.56 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB93165BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	18.6	14.6	21.8

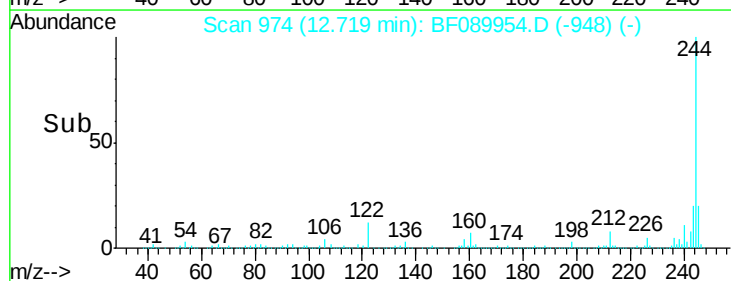
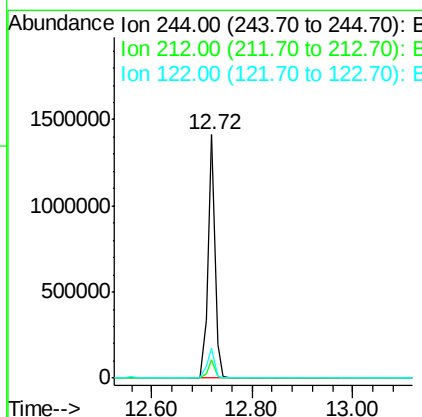
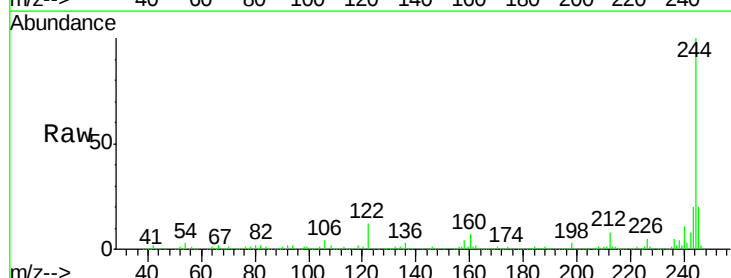
Manual Integrations
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#78
Terphenyl-d14
 Concen: 86.58 ng
 RT: 12.72 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	12.0	9.6	14.4





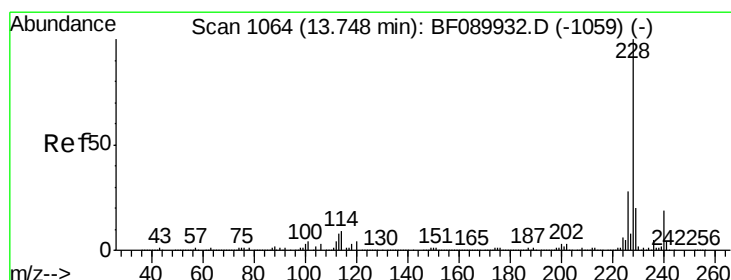
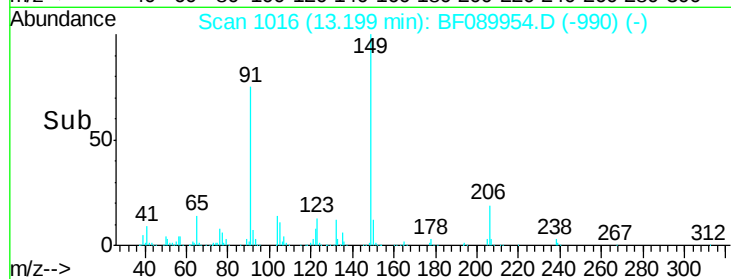
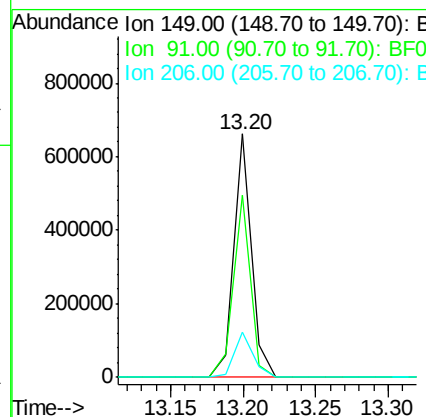
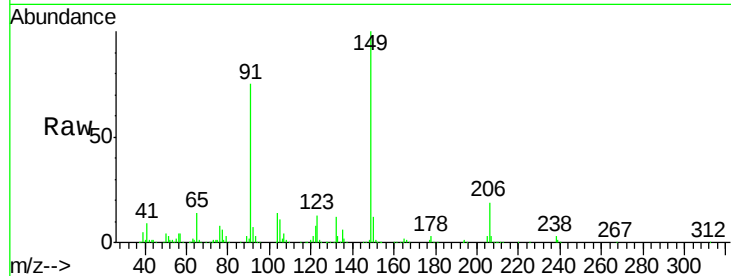
#79
Butylbenzylphthalate
Concen: 50.31 ng
RT: 13.20 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Instrument :
BNA_F
ClientSampleId :
PB93165BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	559012		
91	74.8	60.0	90.0	
206	18.6	15.1	22.7	

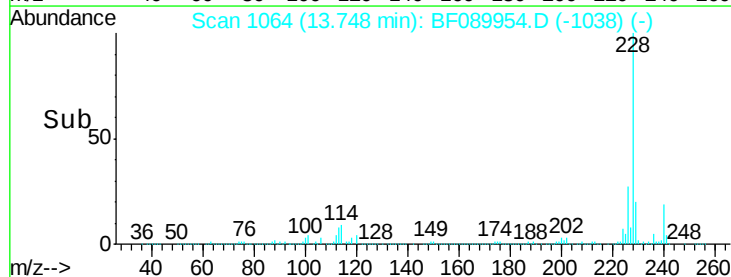
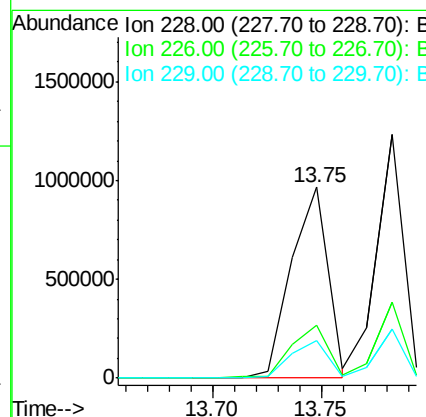
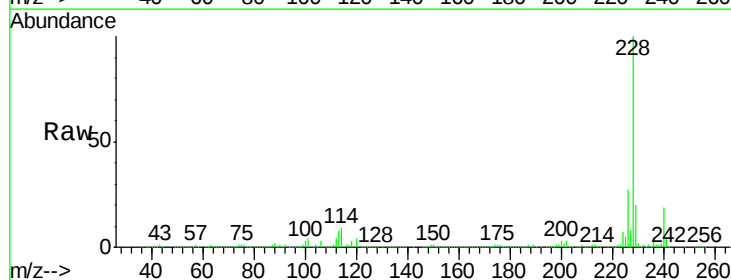
Manual Integrations
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9/1/2016 11:54:00 AM



#80
Benzo(a)anthracene
Concen: 47.58 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1138861		
226	27.4	22.2	33.2	
229	19.7	15.8	23.6	





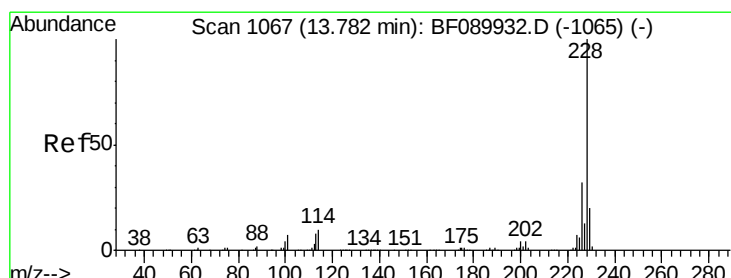
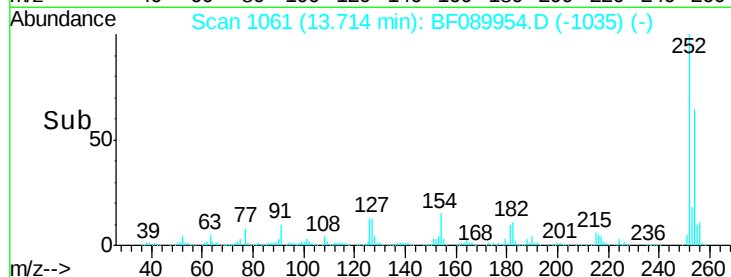
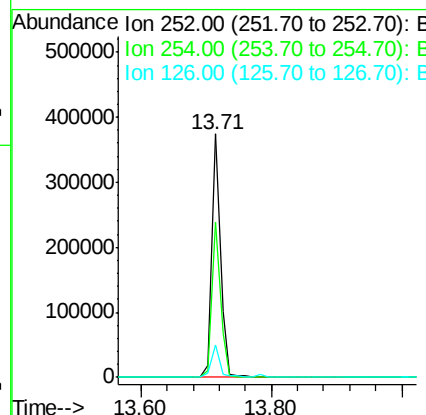
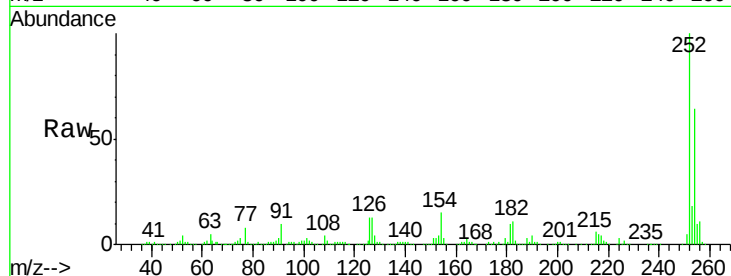
#81
 3,3'-Dichlorobenzidine
 Concen: 40.52 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB93165BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	350084		
254	63.9	51.3	76.9	
126	13.4	12.3	18.5	

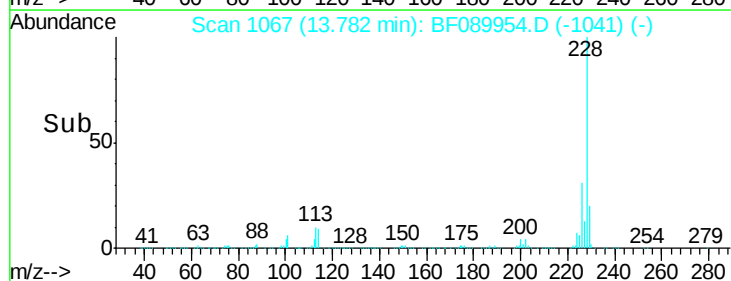
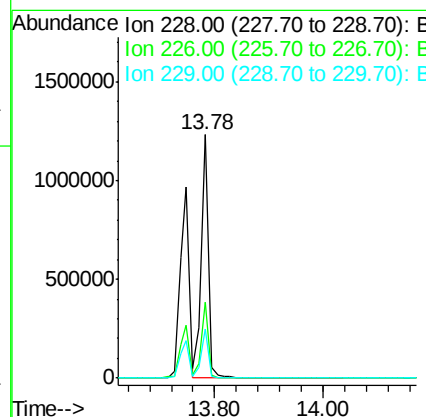
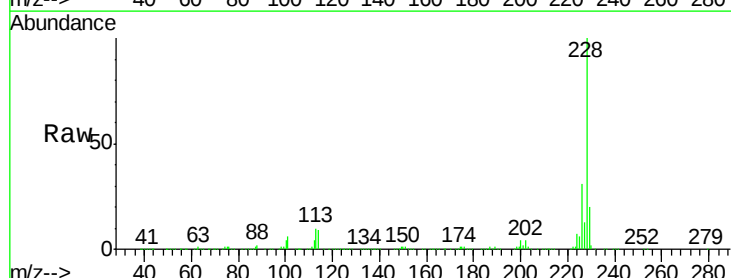
Manual Integrations
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#82
 Chrysene
 Concen: 48.77 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1090428		
226	31.2	25.2	37.8	
229	20.2	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.35 ng

RT: 13.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

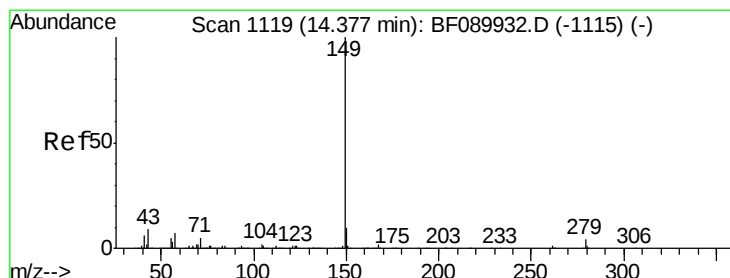
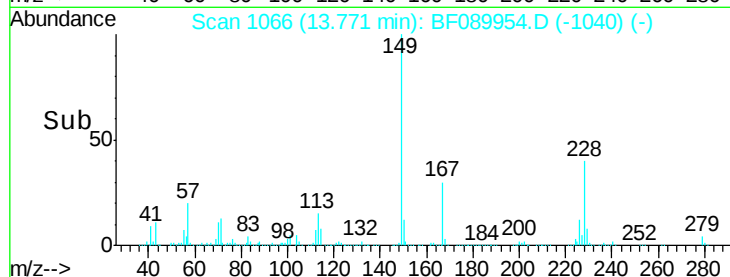
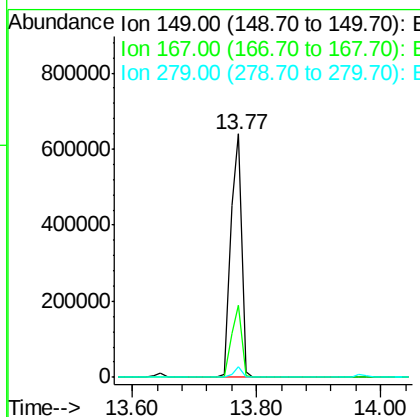
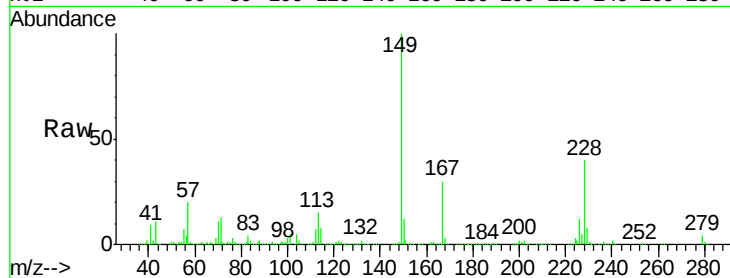
ClientSampleId :

PB93165BS

Tgt Ion:	149	Resp:	773867
Ion Ratio	Lower	Upper	
149	100		
167	29.6	23.6	35.4
279	4.5	3.4	5.2

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 54.38 ng

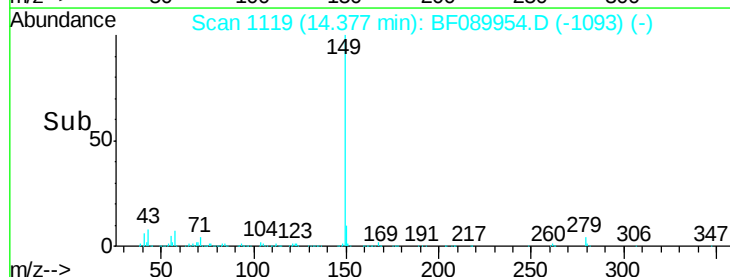
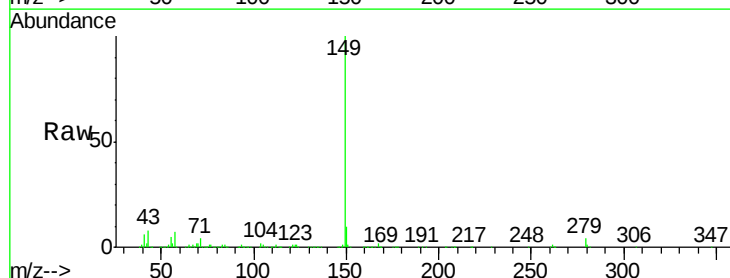
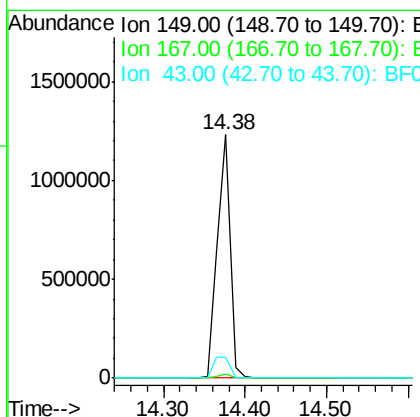
RT: 14.38 min Scan# 1119

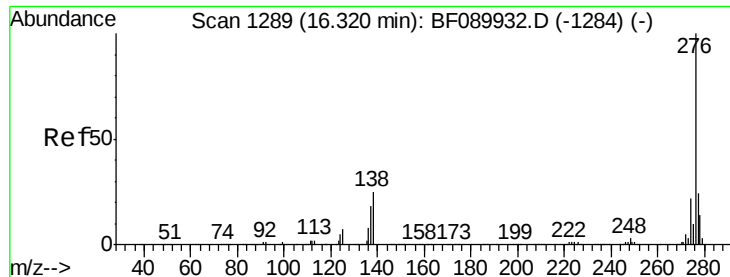
Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Tgt Ion:	149	Resp:	1348939
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	11.1	9.3	13.9





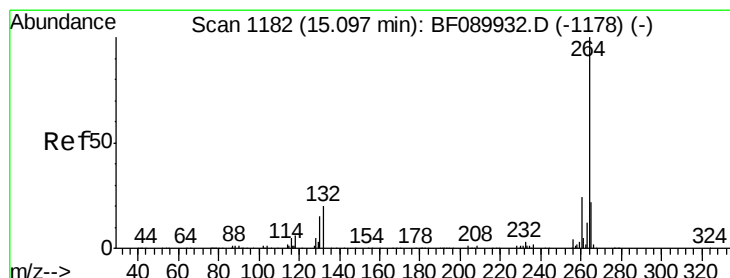
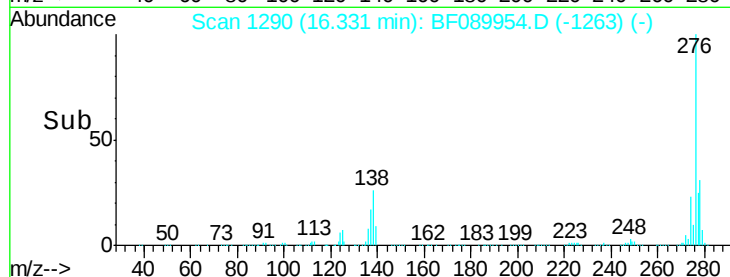
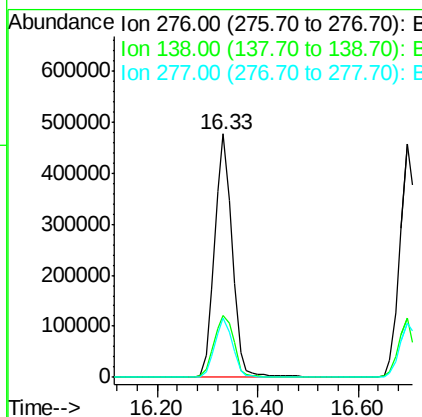
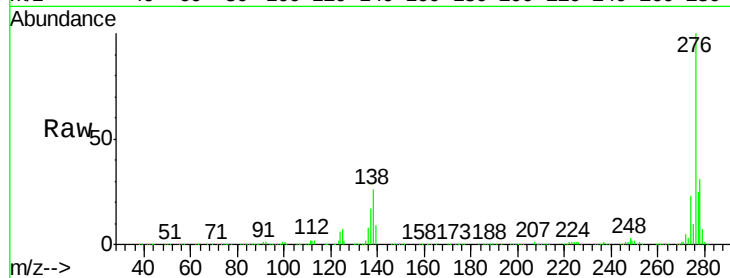
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 70.53 ng
 RT: 16.33 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB93165BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.0	22.6	34.0
277	25.2	20.1	30.1

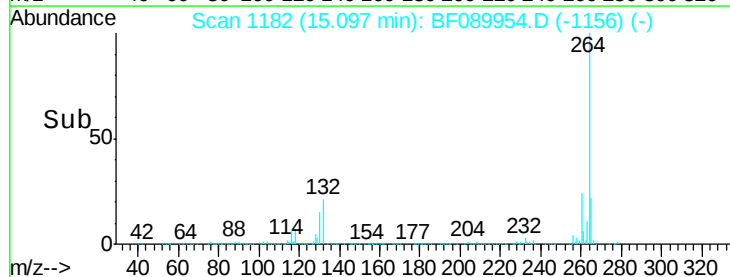
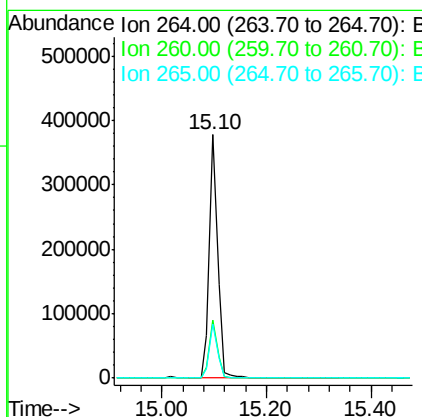
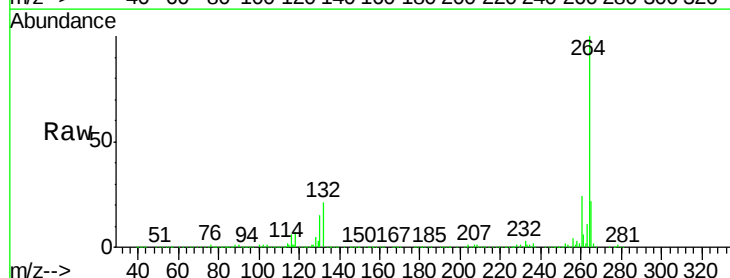
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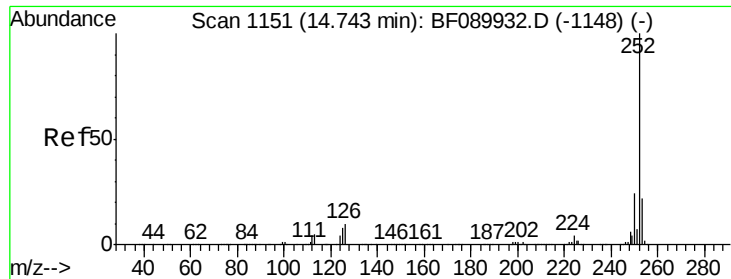
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 9/1/2016 11:54:00 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	22.2	17.4	26.2





#87

Benzo(b)fluoranthene

Concen: 47.35 ng m

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampleId :

PB93165BS

Tgt Ion:252 Resp: 1257894

Ion Ratio Lower Upper

252 100

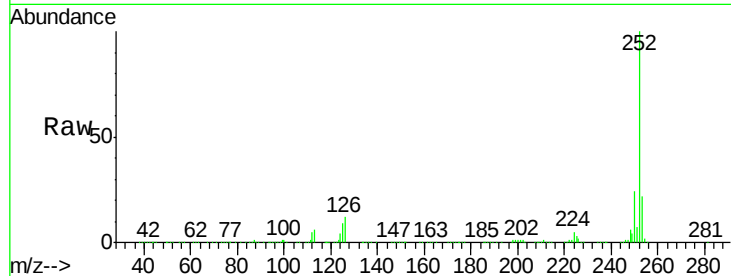
253 22.2 18.0 27.0

125 9.1 5.7 8.5#

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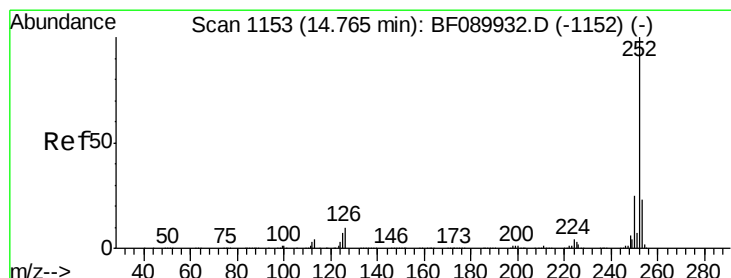
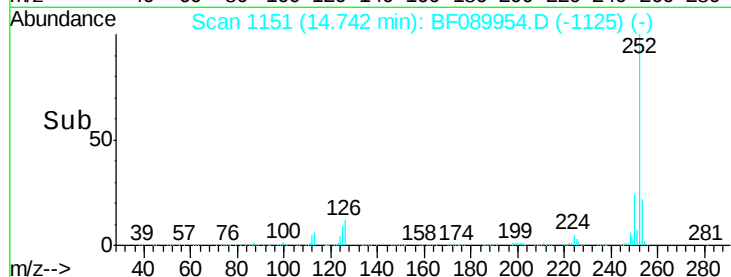
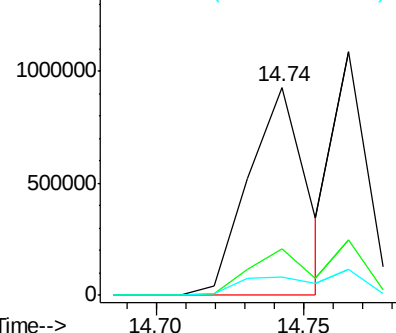
9/1/2016 11:54:00 AM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.16 ng m

RT: 14.77 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

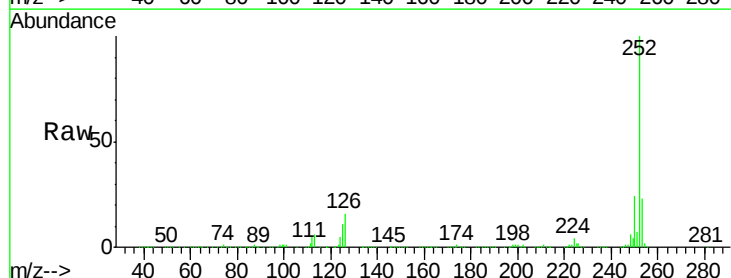
Tgt Ion:252 Resp: 860307

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

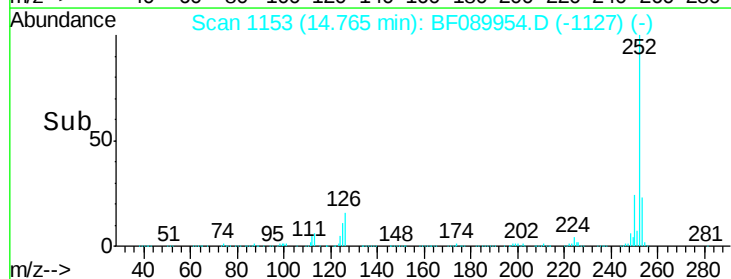
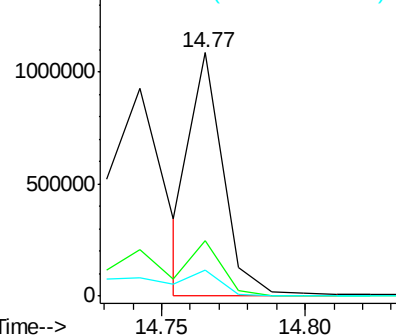
125 10.7 7.3 10.9

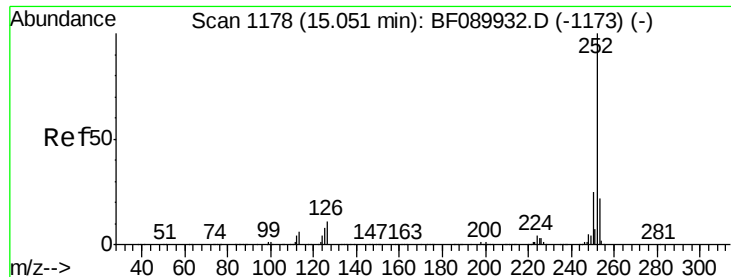


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





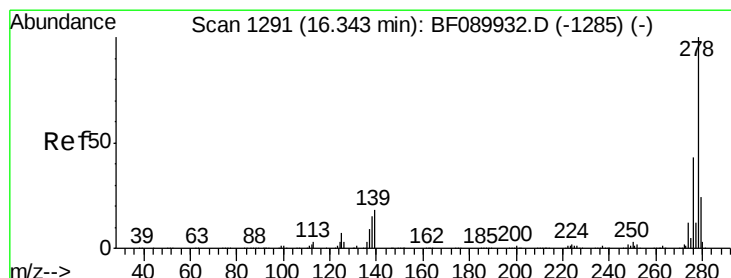
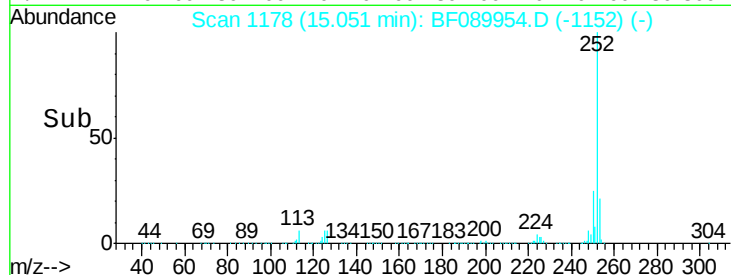
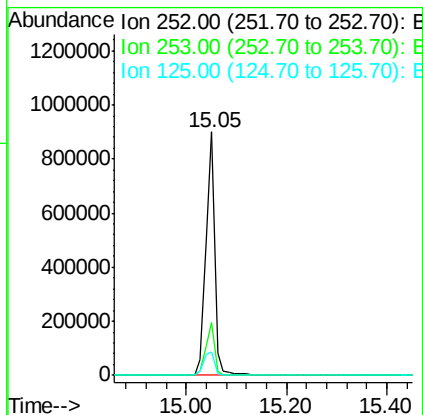
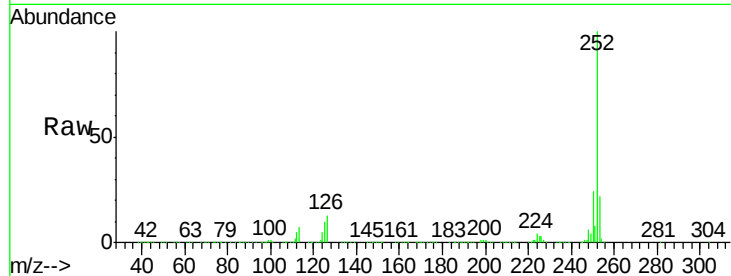
#89
Benzo(a)pyrene
Concen: 48.11 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Instrument :
BNA_F
ClientSampleId :
PB93165BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	9.7	6.3	9.5

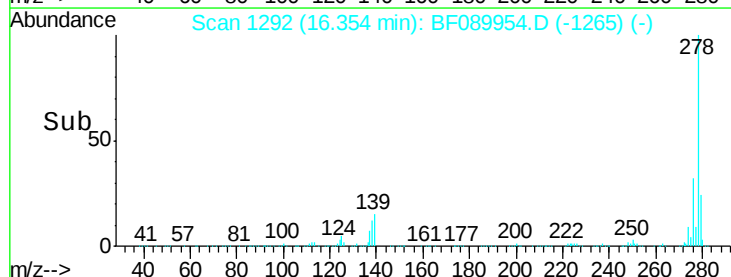
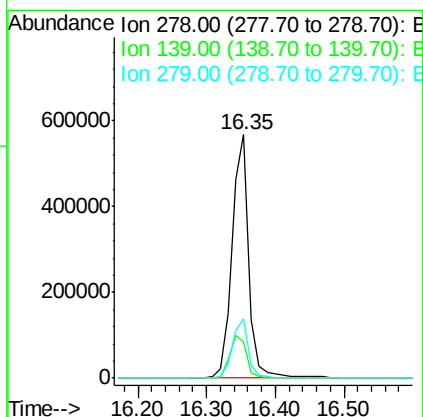
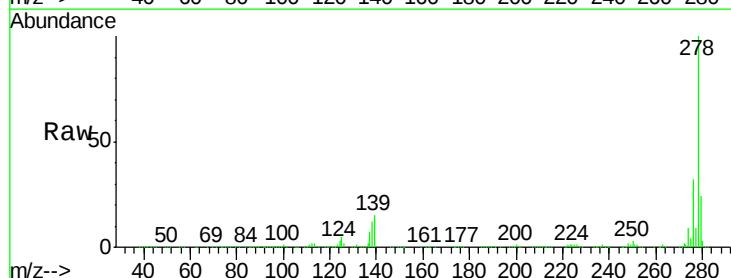
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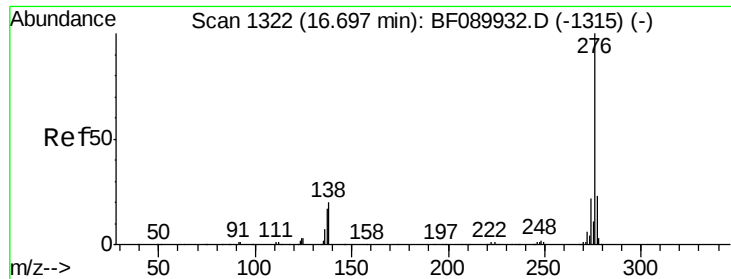
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#90
Dibenzo(a,h)anthracene
Concen: 58.60 ng
RT: 16.35 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	13.4	20.2
279	24.3	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 57.13 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB93165BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	25.4	16.4	24.6

Manual Integrations
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 9/1/2016 11:54:00 AM

