

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
 Data File : BF089943.D
 Acq On : 31 Aug 2016 11:51
 Operator : UM/SJ
 Sample : H4622-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TINTON-FALLS-ONION-FIELD-BPM

Manual Integrations
 APPROVED

SOHIL
 9/1/2016 11:53:12 AM

Quant Time: Aug 31 16:21:17 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	243957	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	927348	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	499384	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	980286	20.00	ng	0.00
75) Chrysene-d12	13.75	240	606382	20.00	ng	-0.01
86) Perylene-d12	15.10	264	539626	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1302064	85.43	ng	0.01
7) Phenol-d6	6.28	99	1566271	84.57	ng	0.01
23) Nitrobenzene-d5	7.21	82	1018742	63.71	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	421379	85.53	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1820646	59.85	ng	0.00
78) Terphenyl-d14	12.72	244	1476331	60.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	174137	24.11	ng	99
3) Pyridine	2.78	79	396588	20.58	ng	97
4) n-Nitrosodimethylamine	2.73	42	285504	30.05	ng	97
6) Aniline	6.30	93	537517	21.27	ng	# 64
8) 2-Chlorophenol	6.42	128	486249	29.41	ng	100
9) Benzaldehyde	6.17	77	103028	8.62	ng	89
10) Phenol	6.30	94	697781	32.40	ng	82
11) bis(2-Chloroethyl)ether	6.38	93	425881	26.13	ng	99
12) 1,3-Dichlorobenzene	6.57	146	502287m	27.20	ng	
13) 1,4-Dichlorobenzene	6.65	146	500962	26.51	ng	100
14) 1,2-Dichlorobenzene	6.81	146	512299	30.24	ng	97
15) Benzyl Alcohol	6.79	79	378742	32.65	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.94	45	918012	29.54	ng	97
17) 2-Methylphenol	6.90	107	397585	30.11	ng	99
18) Hexachloroethane	7.15	117	187195	28.92	ng	93
19) n-Nitroso-di-n-propylamine	7.06	70	325401	26.96	ng	90
20) 3+4-Methylphenols	7.06	107	461902	28.86	ng	# 82
22) Acetophenone	7.05	105	553725	26.62	ng	# 95
24) Nitrobenzene	7.22	77	480511	28.27	ng	94
25) Isophorone	7.47	82	970055	29.83	ng	96
26) 2-Nitrophenol	7.54	139	268394	33.03	ng	94
27) 2,4-Dimethylphenol	7.59	122	438448	29.17	ng	100
28) bis(2-Chloroethoxy)methane	7.69	93	648281	33.06	ng	99
29) 2,4-Dichlorophenol	7.78	162	407577	30.25	ng	98
30) 1,2,4-Trichlorobenzene	7.86	180	447556	30.38	ng	95
31) Naphthalene	7.94	128	1287483	27.87	ng	99
32) Benzoic acid	7.67	122	27778	2.74	ng	93
33) 4-Chloroaniline	8.00	127	412394	22.12	ng	# 93
34) Hexachlorobutadiene	8.07	225	248008	28.73	ng	99
35) Caprolactam	8.36	113	128886m	30.30	ng	
36) 4-Chloro-3-methylphenol	8.48	107	417653	29.26	ng	# 80
37) 2-Methylnaphthalene	8.63	142	943868	30.92	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	362231	24.76	ng	98
40) Hexachlorocyclopentadiene	8.79	237	427600	57.00	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	344089	33.94	ng	99
43) 2,4,5-Trichlorophenol	8.95	196	278928	28.61	ng	98
45) 1,1'-Biphenyl	9.10	154	981051	24.40	ng	99
46) 2-Chloronaphthalene	9.12	162	919844	32.34	ng	96
47) 2-Nitroaniline	9.21	65	257416	27.68	ng	97
48) Acenaphthylene	9.53	152	1392008	29.60	ng	99
49) Dimethylphthalate	9.40	163	1432058	39.68	ng	100
50) 2,6-Dinitrotoluene	9.46	165	239826	29.87	ng	99
51) Acenaphthene	9.70	154	899640	30.19	ng	99
52) 3-Nitroaniline	9.62	138	201898	22.05	ng	94
53) 2,4-Dinitrophenol	9.72	184	79631	24.46	ng	90
54) Dibenzofuran	9.87	168	1303430	32.64	ng	98
55) 4-Nitrophenol	9.79	139	380362	55.08	ng	# 68
56) 2,4-Dinitrotoluene	9.86	165	344306	33.82	ng	99
57) Fluorene	10.22	166	946824	32.45	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	252600	30.26	ng	100
59) Diethylphthalate	10.10	149	972868	28.65	ng	100
60) 4-Chlorophenyl-phenylether	10.22	204	416659	30.35	ng	96
61) 4-Nitroaniline	10.23	138	240173	26.70	ng	84
62) Azobenzene	10.36	77	1048321	30.91	ng	99
64) 4,6-Dinitro-2-methylphenol	10.26	198	120862	19.26	ng	80
65) n-Nitrosodiphenylamine	10.33	169	874835	29.68	ng	99
66) 4-Bromophenyl-phenylether	10.70	248	305084	30.91	ng	96
67) Hexachlorobenzene	10.75	284	300011	26.61	ng	94
68) Atrazine	10.86	200	260431	26.47	ng	99
69) Pentachlorophenol	10.95	266	279617	46.11	ng	98
70) Phenanthrene	11.17	178	1480343	30.32	ng	100
71) Anthracene	11.21	178	1327354	26.81	ng	100
72) Carbazole	11.37	167	1387651	29.89	ng	100
73) Di-n-butylphthalate	11.71	149	1548006	28.61	ng	99
74) Fluoranthene	12.34	202	1507269	29.46	ng	99
76) Benzidine	12.47	184	380737	16.57	ng	96
77) Pyrene	12.56	202	1340201	31.35	ng	99
79) Butylbenzylphthalate	13.20	149	574570	33.32	ng	97
80) Benzo(a)anthracene	13.74	228	1106123	29.78	ng	99
81) 3,3'-Dichlorobenzidine	13.71	252	279318	20.84	ng	# 97
82) Chrysene	13.78	228	1062041	30.61	ng	98
83) Bis(2-ethylhexyl)phthalate	13.76	149	752414	31.55	ng	# 93
84) Di-n-octyl phthalate	14.37	149	1163306	30.22	ng	100
85) Indeno(1,2,3-cd)pyrene	16.32	276	1006125	39.23	ng	99
87) Benzo(b)fluoranthene	14.73	252	853688m	25.25	ng	
88) Benzo(k)fluoranthene	14.77	252	915955m	31.93	ng	
89) Benzo(a)pyrene	15.04	252	859592	29.68	ng	# 95
90) Dibenzo(a,h)anthracene	16.34	278	845487	39.84	ng	99
91) Benzo(g,h,i)perylene	16.70	276	875391	40.98	ng	99

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

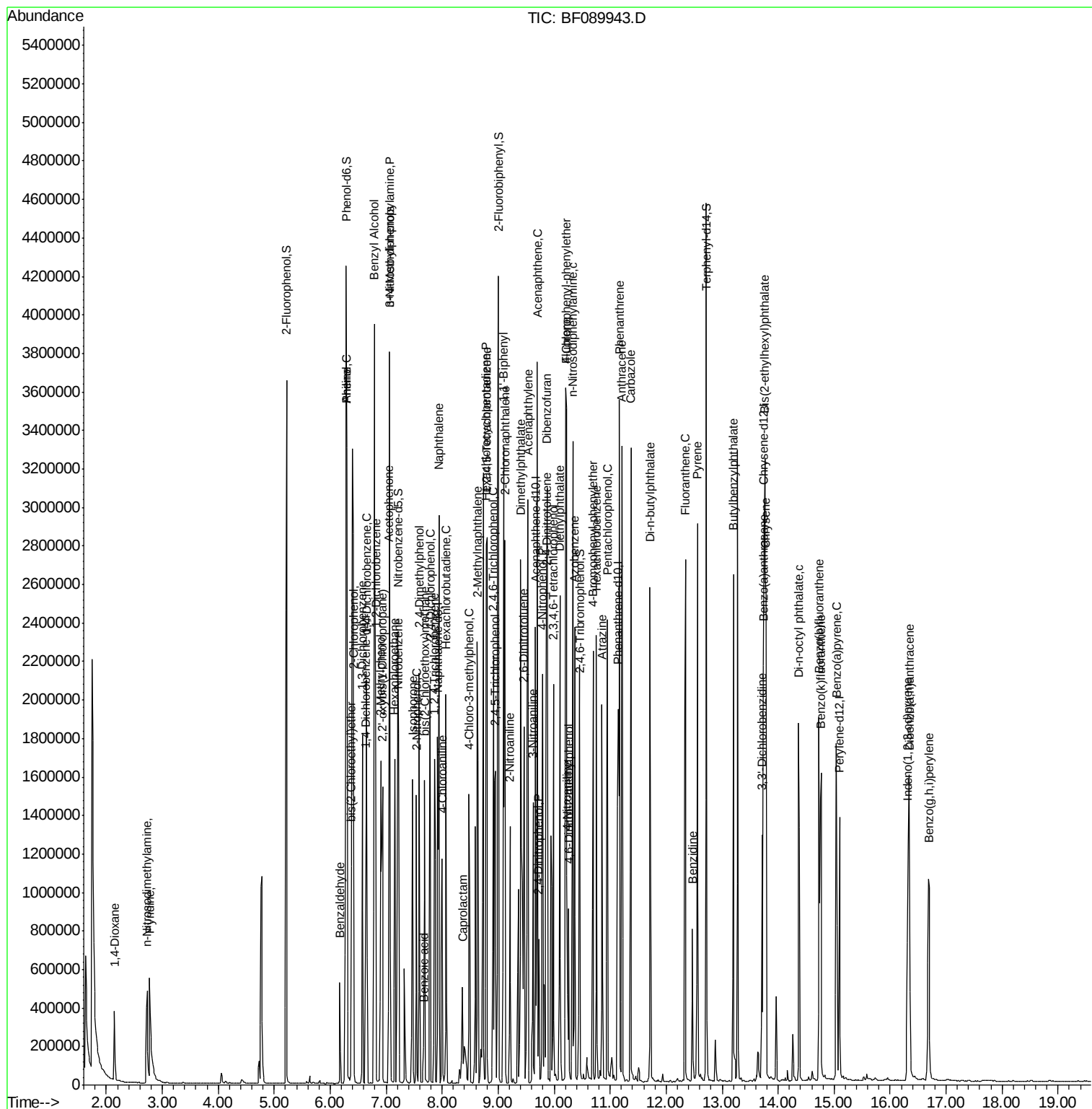
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Operator  : UM/SJ
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ALS Vial  : 8      Sample Multiplier: 1
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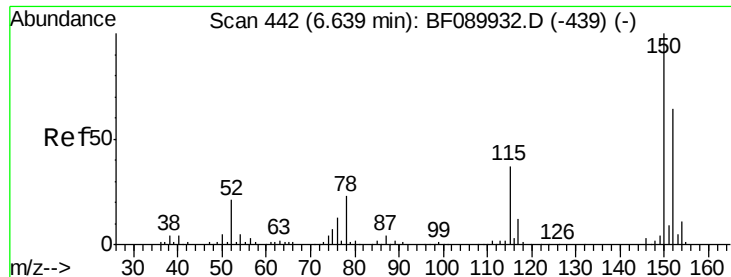
Instrument :
BNA_F
ClientSampleId :
TINTON-FALLS-ONION-FIELD-BPM

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#1

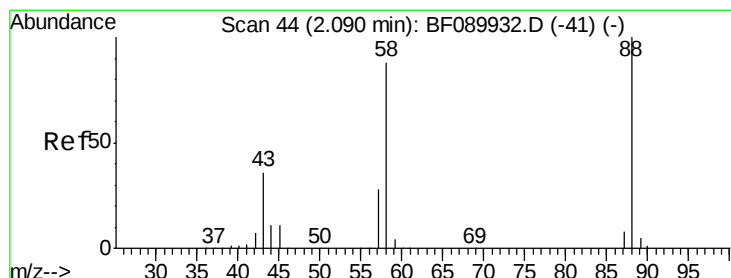
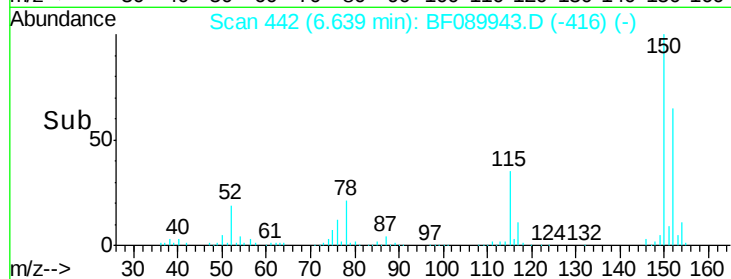
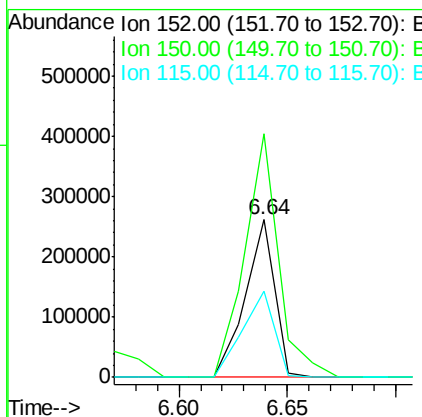
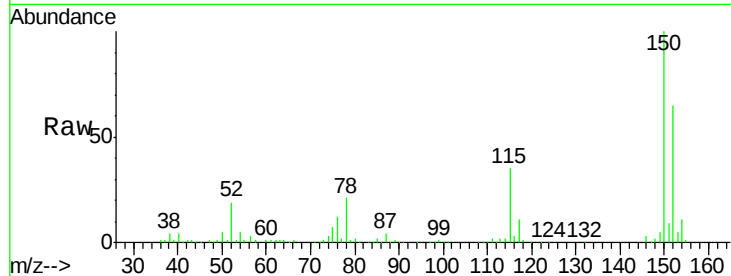
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.8	127.4	191.2
115	54.9	46.3	69.5

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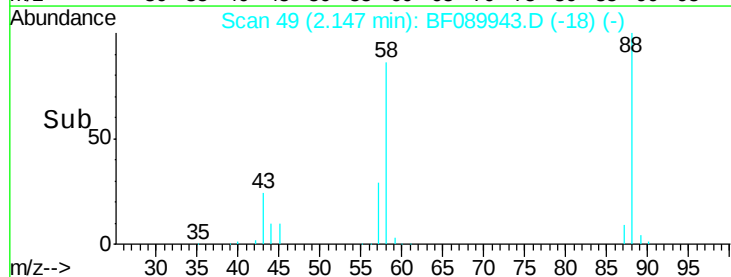
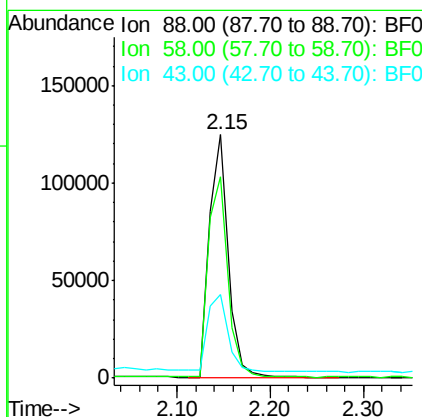
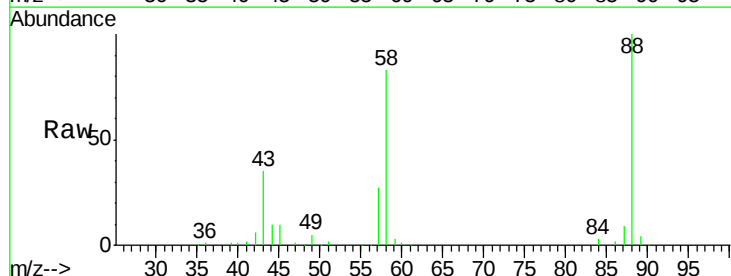
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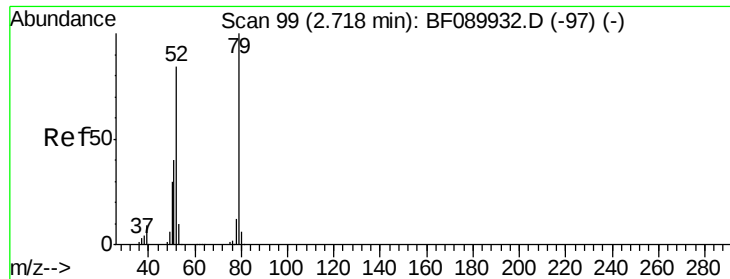


#2

1,4-Dioxane
Concen: 24.11 ng
RT: 2.15 min Scan# 49
Delta R.T. 0.06 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.9	68.8	103.2
43	34.6	27.0	40.6





#3

Pyridine

Concen: 20.58 ng

RT: 2.78 min Scan# 104

Delta R.T. 0.06 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

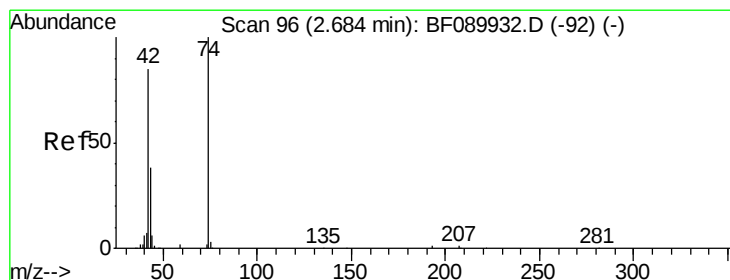
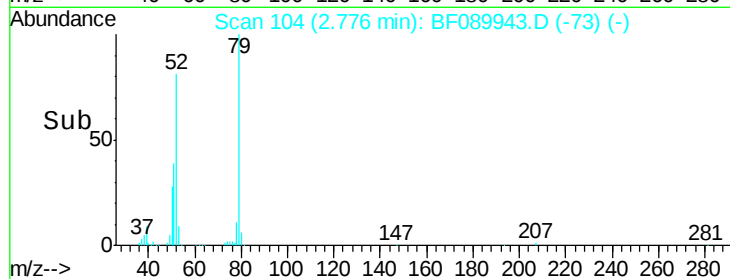
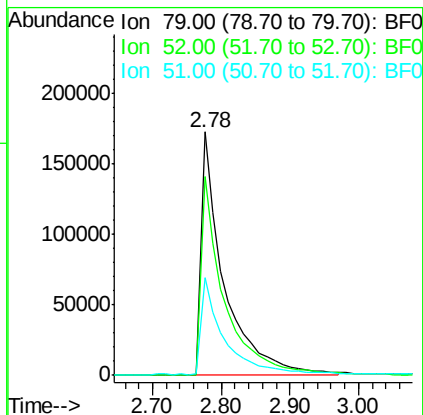
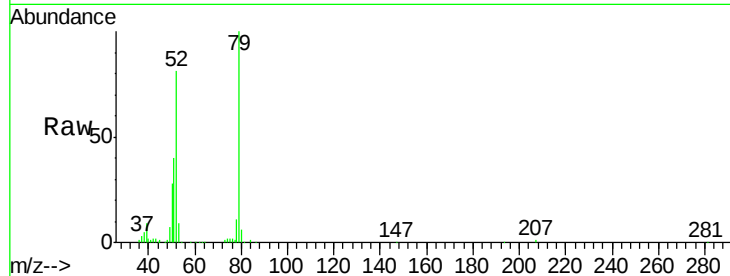
ClientSampleId :

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Tgt Ion:	79	Resp:	396588
Ion Ratio	Lower	Upper	
79	100		
52	81.5	67.8	101.6
51	40.0	32.9	49.3

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#4

n-Nitrosodimethylamine

Concen: 30.05 ng

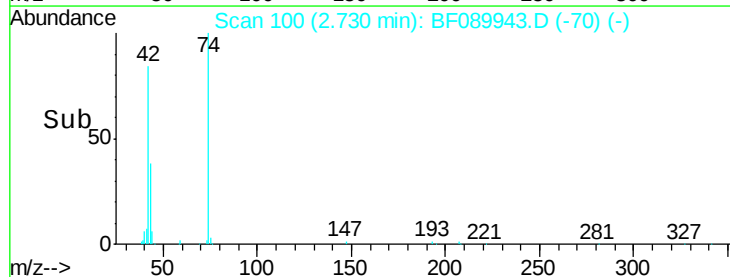
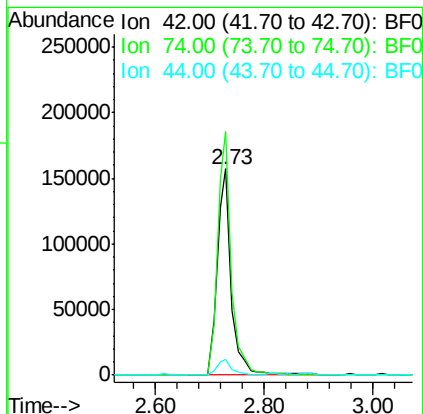
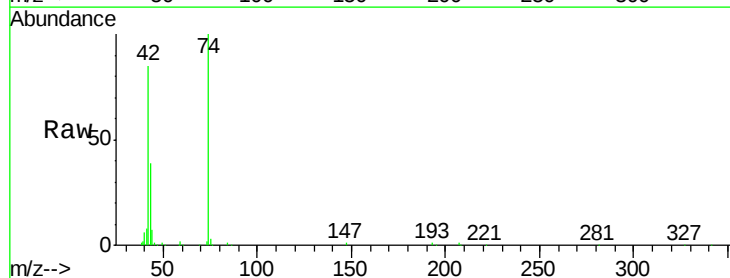
RT: 2.73 min Scan# 100

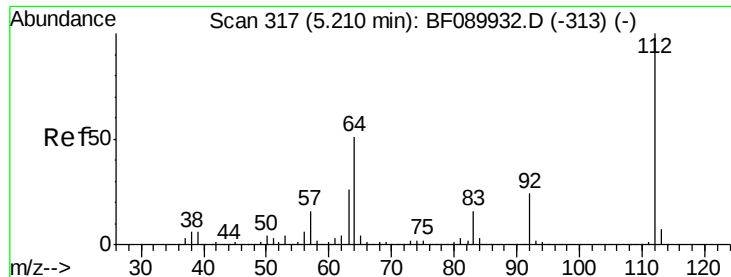
Delta R.T. 0.05 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Tgt Ion:	42	Resp:	285504
Ion Ratio	Lower	Upper	
42	100		
74	118.2	92.0	138.0
44	7.7	5.8	8.8





#5

2-Fluorophenol

Concen: 85.43 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

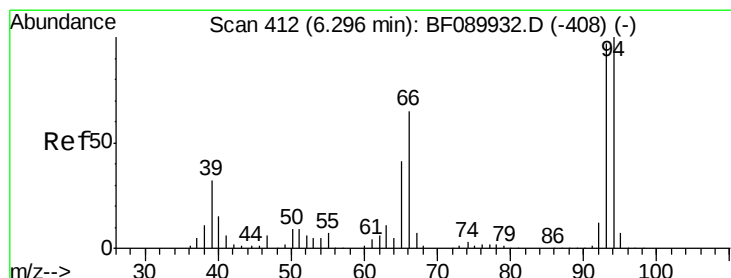
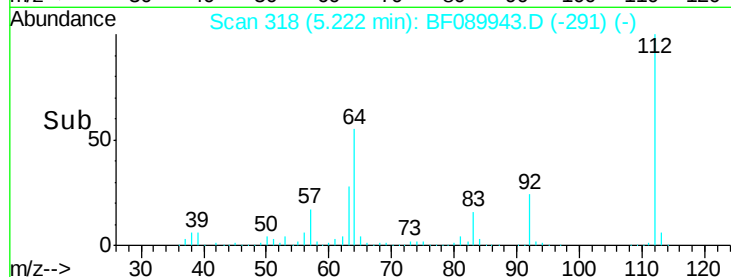
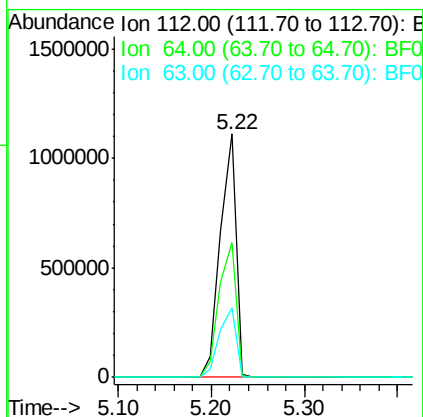
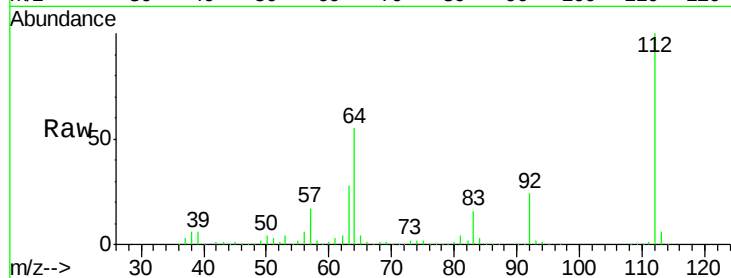
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Tgt Ion:	112	Resp:	1302064
Ion Ratio	Lower	Upper	
112	100		
64	55.2	41.1	61.7
63	28.4	21.2	31.8

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#6

Aniline

Concen: 21.27 ng

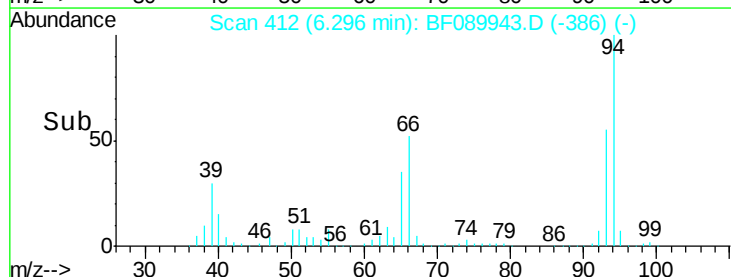
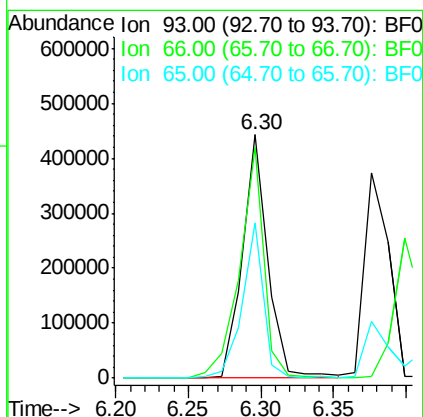
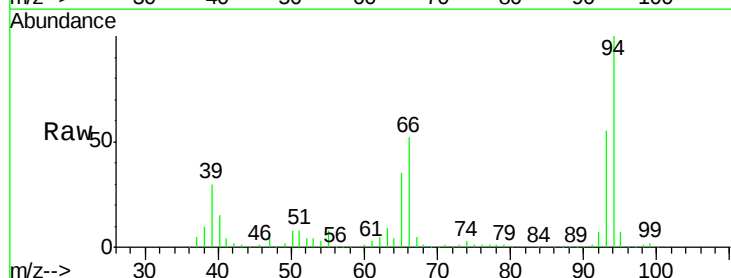
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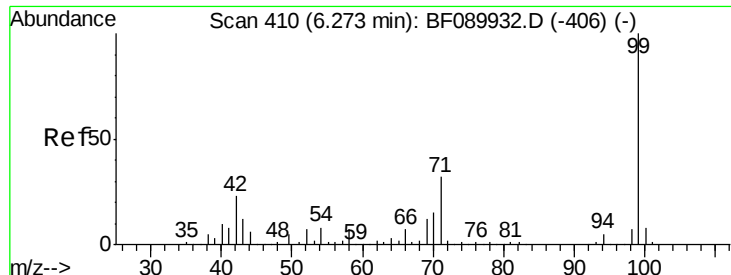
Delta R.T. 0.00 min

Lab File: BF089943.D

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Tgt Ion:	93	Resp:	537517
Ion Ratio	Lower	Upper	
93	100		
66	94.7	52.9	79.3#
65	64.0	33.0	49.6#





#7

Phenol-d6

Concen: 84.57 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

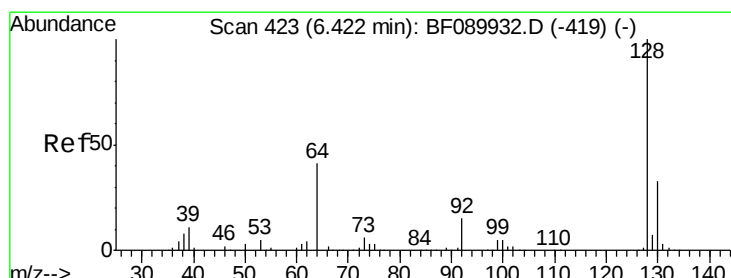
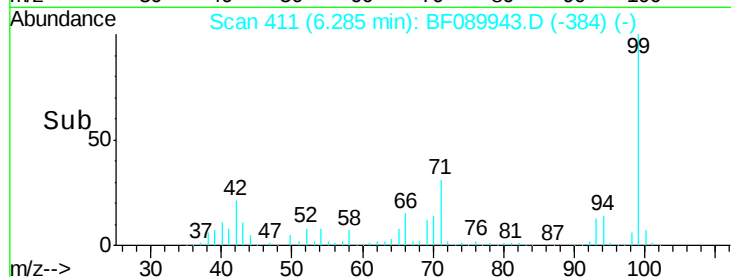
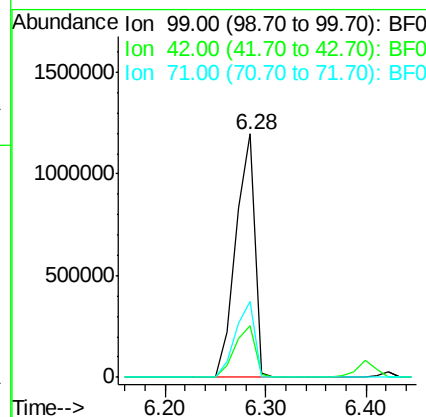
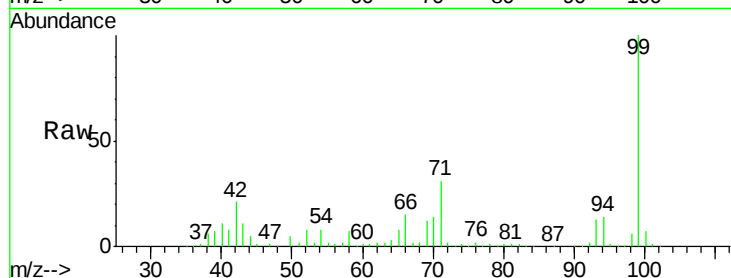
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Tgt Ion:	99	Resp:	1566271
Ion	Ratio	Lower	Upper
99	100		
42	21.2	18.6	27.8
71	31.2	25.8	38.6

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#8

2-Chlorophenol

Concen: 29.41 ng

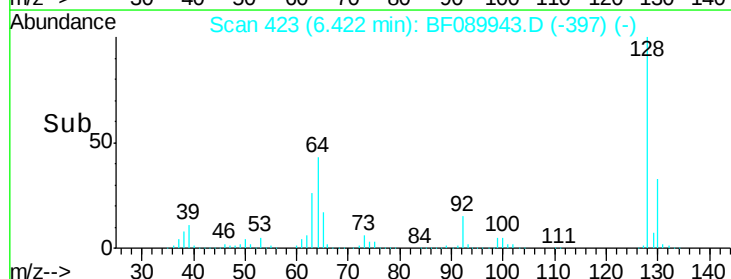
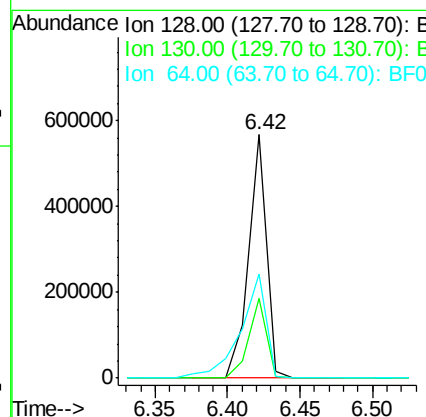
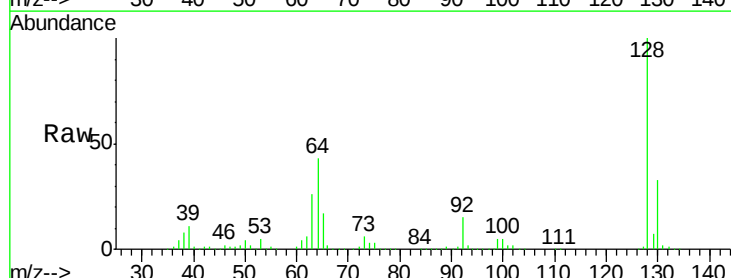
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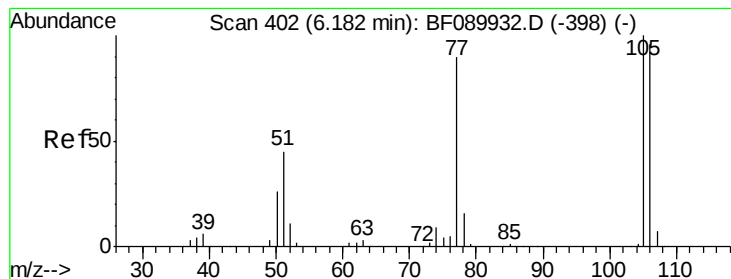
Delta R.T. 0.00 min

Lab File: BF089943.D

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Tgt Ion:	128	Resp:	486249
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.8	52.8
64	43.0	23.2	63.2





#9

Benzaldehyde

Concen: 8.62 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

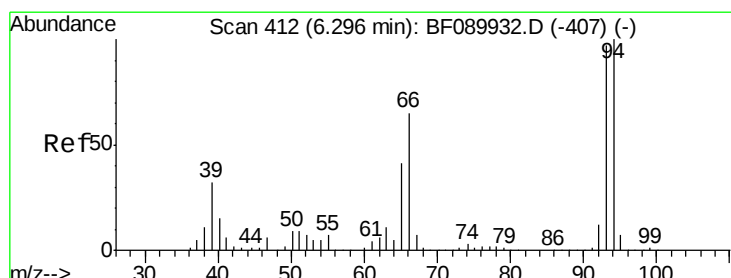
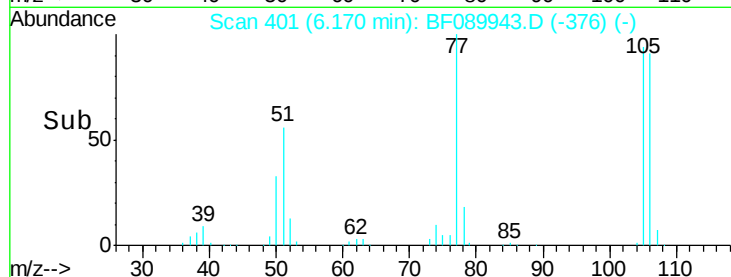
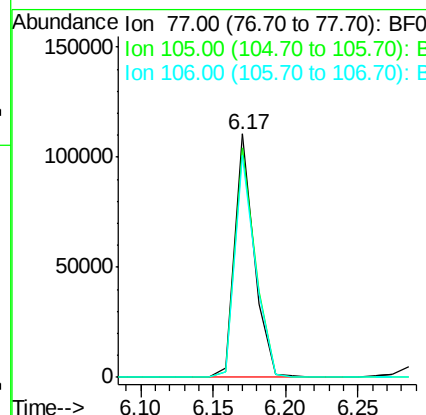
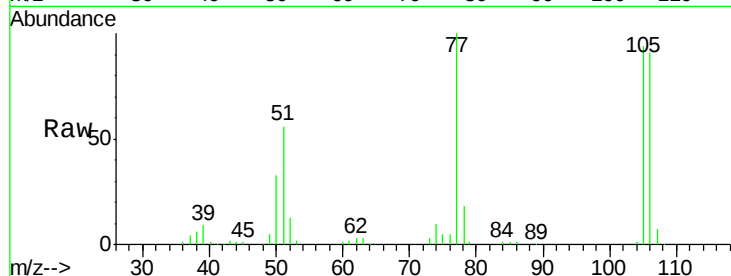
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Tgt Ion:	77	Resp:	103028
Ion Ratio	Lower	Upper	
77	100		
105	94.5	85.4	125.4
106	91.3	83.4	123.4

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#10

Phenol

Concen: 32.40 ng

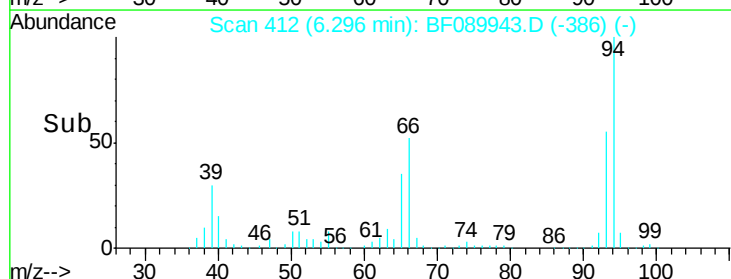
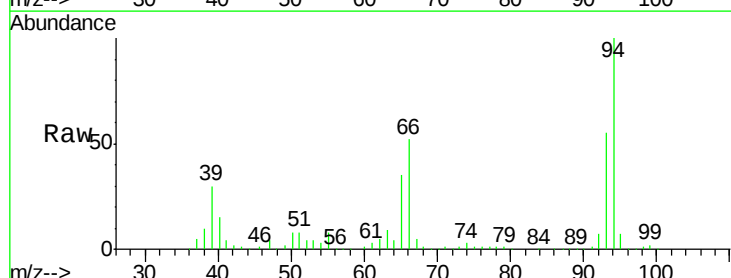
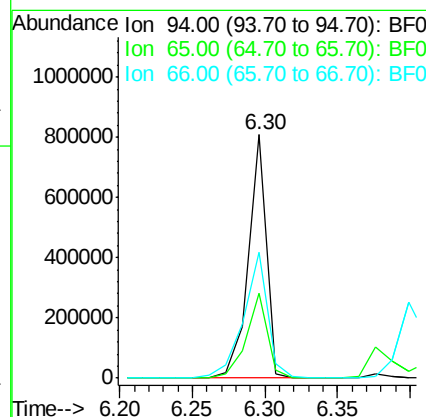
RT: 6.30 min Scan# 412

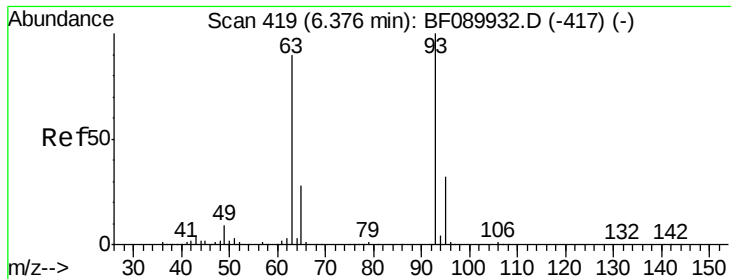
Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Tgt Ion:	94	Resp:	697781
Ion Ratio	Lower	Upper	
94	100		
65	35.0	23.2	63.2
66	51.9	49.2	89.2





#11

bis(2-Chloroethyl)ether

Concen: 26.13 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

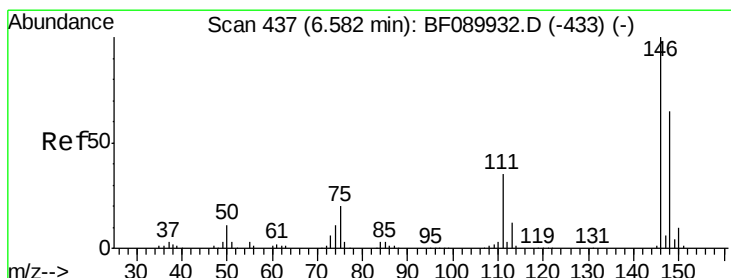
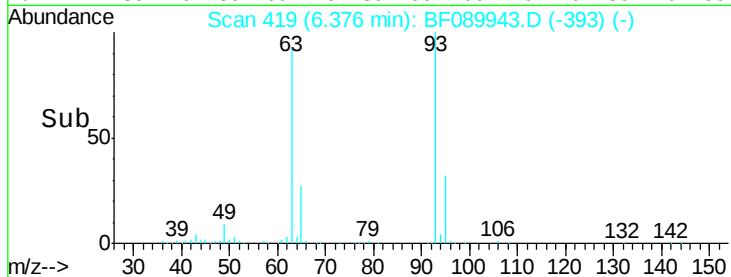
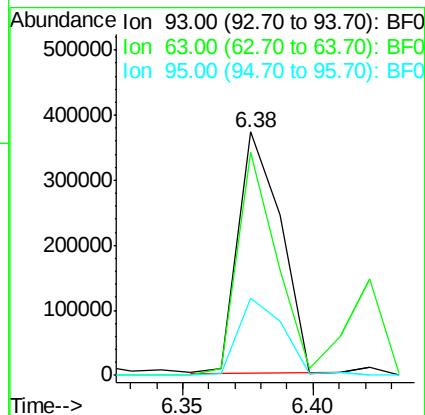
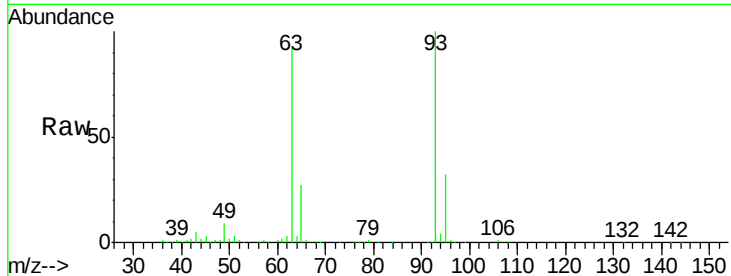
ClientSampleId :

TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion:	93	Resp:	425881
Ion Ratio	Lower	Upper	
93	100		
63	91.6	71.1	111.1
95	31.9	12.4	52.4

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#12

1,3-Dichlorobenzene

Concen: 27.20 ng m

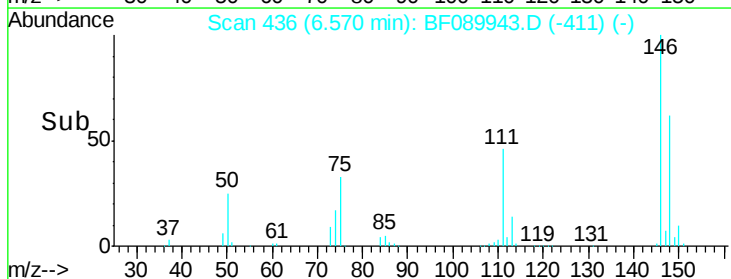
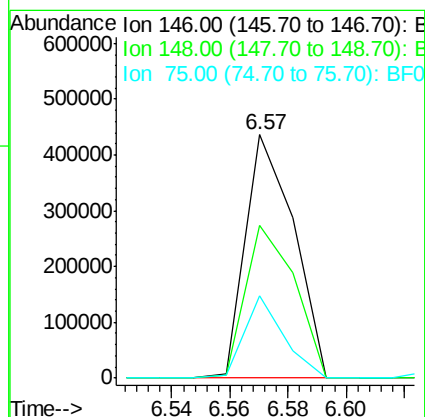
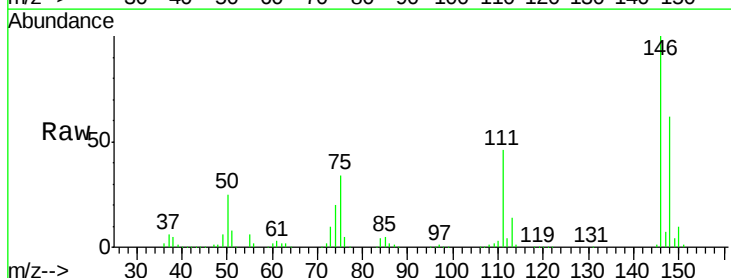
RT: 6.57 min Scan# 436

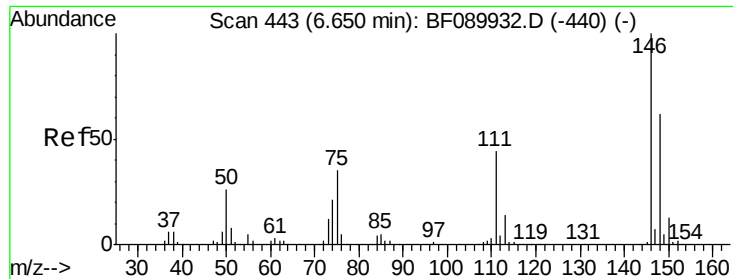
Delta R.T. -0.01 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Tgt Ion:	146	Resp:	502287
Ion Ratio	Lower	Upper	
146	100		
148	62.5	52.5	78.7
75	34.1	16.6	24.8#





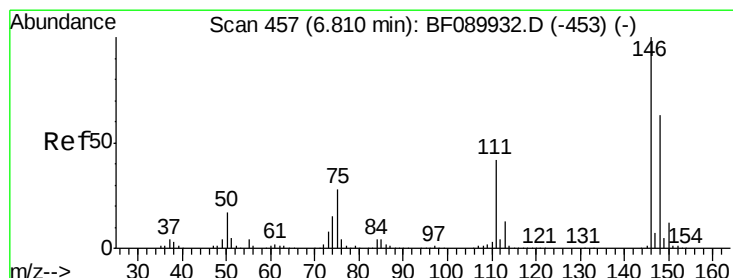
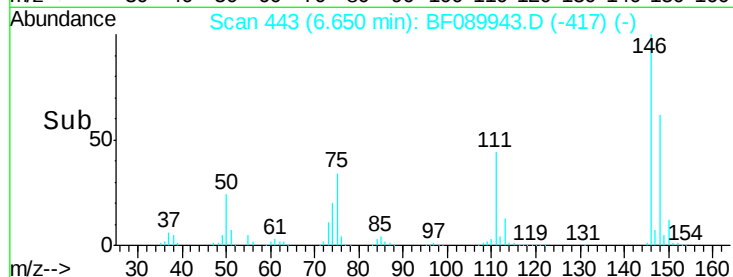
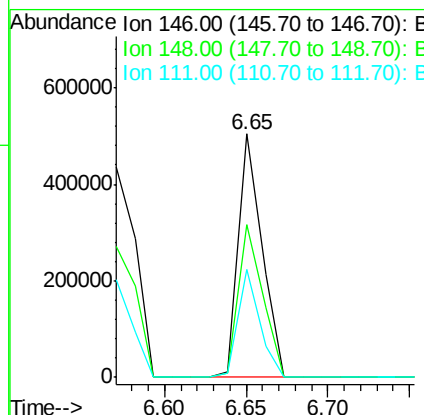
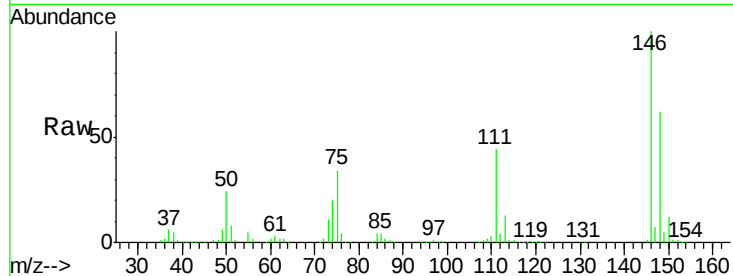
#13
 1,4-Dichlorobenzene
 Concen: 26.51 ng
 RT: 6.65 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :
 TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.1	75.1
111	44.1	35.8	53.6

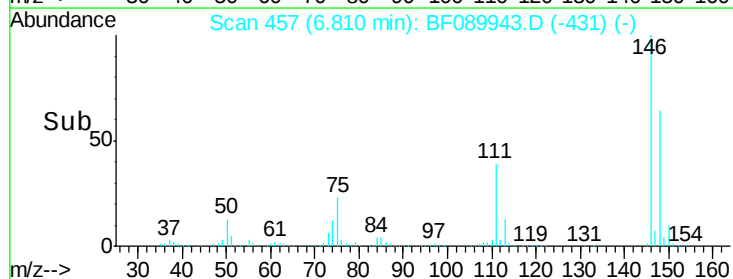
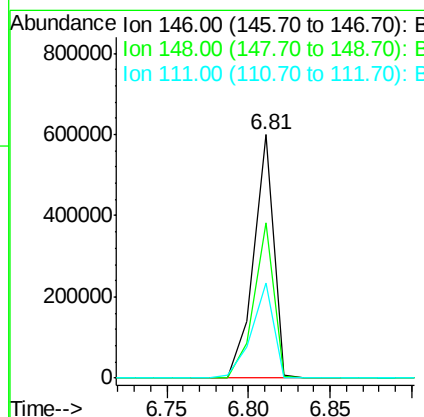
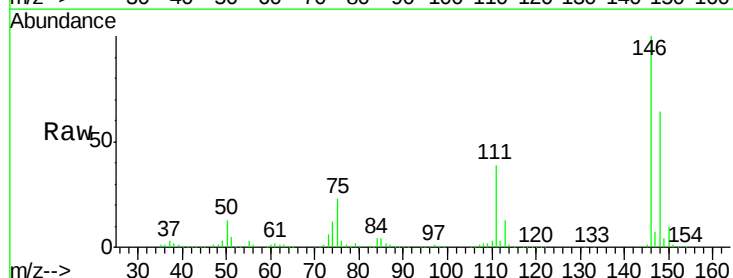
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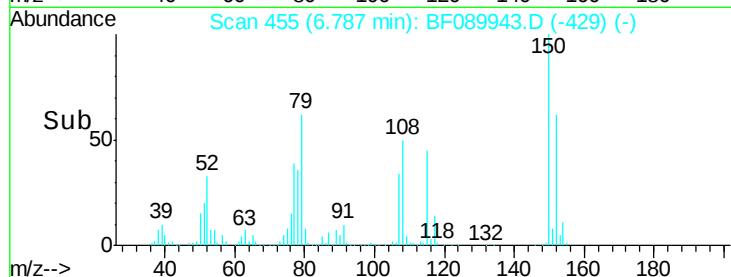
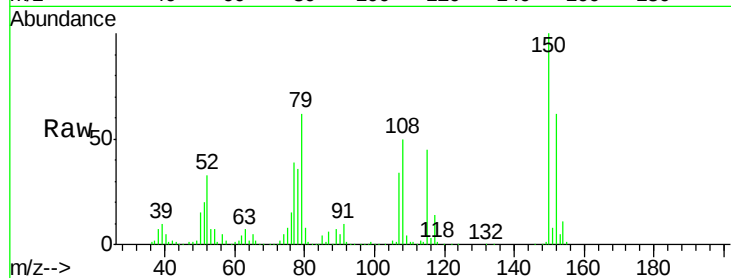
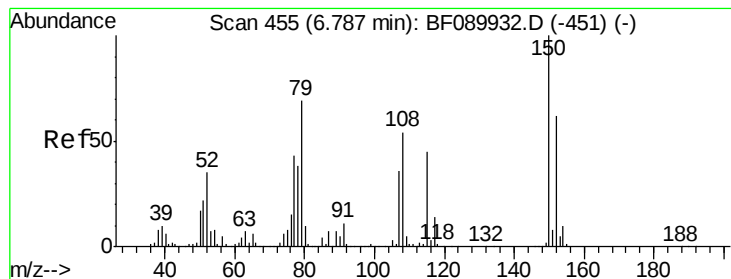
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 9/1/2016 11:53:12 AM



#14
 1,2-Dichlorobenzene
 Concen: 30.24 ng
 RT: 6.81 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.2
111	38.8	34.6	51.8





#15

Benzyl Alcohol

Concen: 32.65 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Tgt Ion:	79	Resp:	378742
Ion	Ratio	Lower	Upper
79	100		
108	80.5	62.1	93.1
77	63.3	50.1	75.1

Instrument :

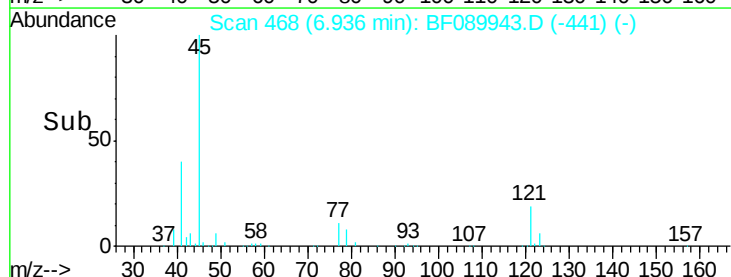
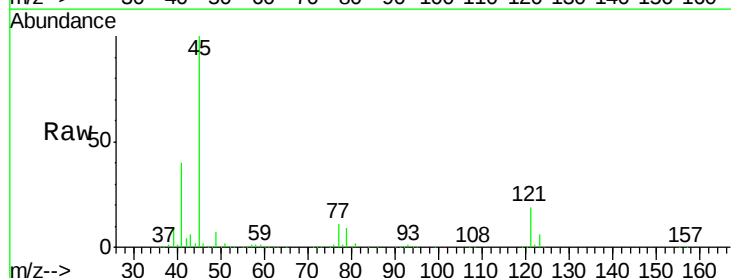
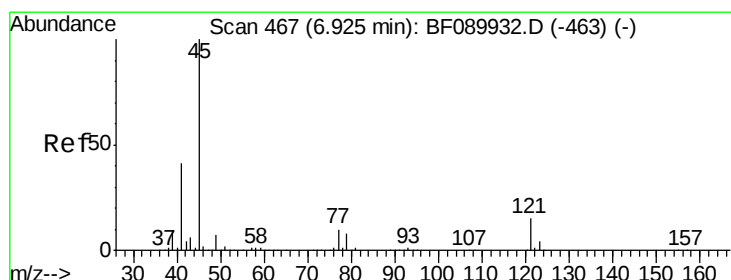
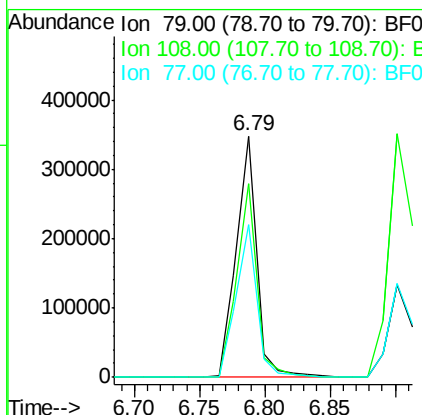
BNA_F

ClientSampleId :

TINTON-FALLS-ONION-FIELD-BPM

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.54 ng

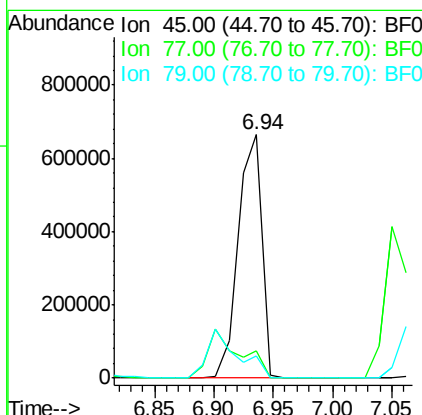
RT: 6.94 min Scan# 468

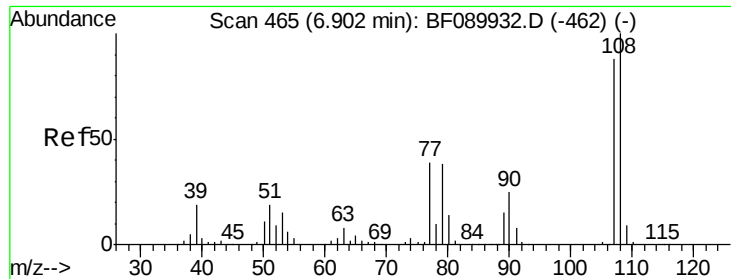
Delta R.T. 0.01 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Tgt Ion:	45	Resp:	918012
Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	30.3
79	9.0	0.0	27.5





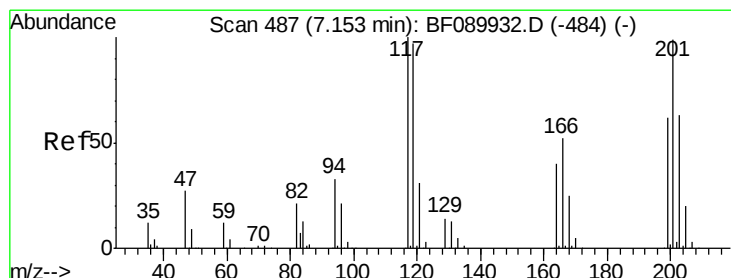
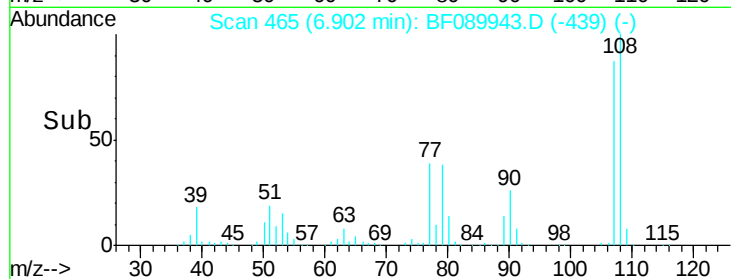
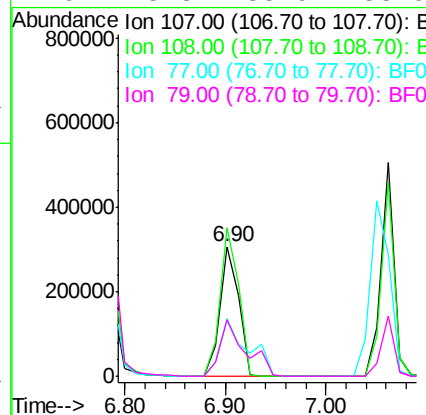
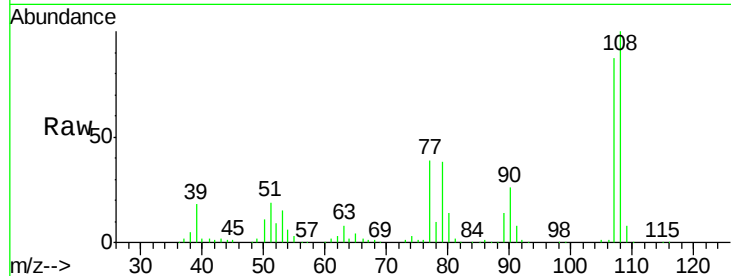
#17
2-Methylphenol
Concen: 30.11 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Instrument :
BNA_F
ClientSampleId :
TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion:	107	Resp:	397585
Ion Ratio	Lower	Upper	
107	100		
108	114.3	91.8	137.6
77	44.2	36.0	54.0
79	43.3	35.9	53.9

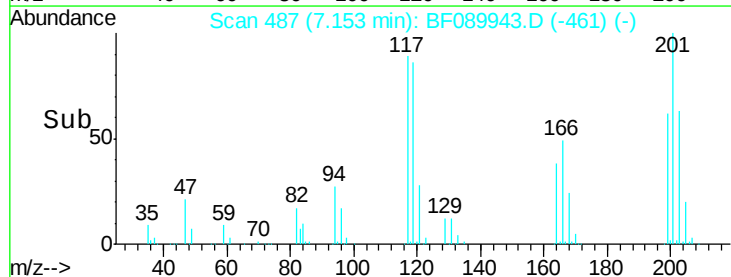
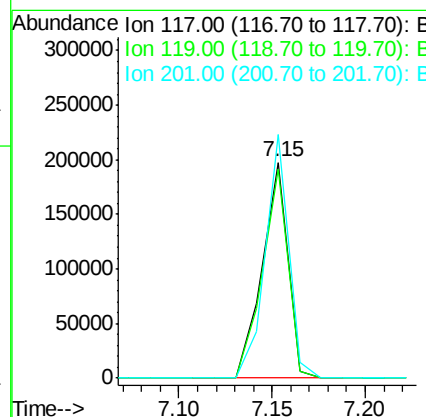
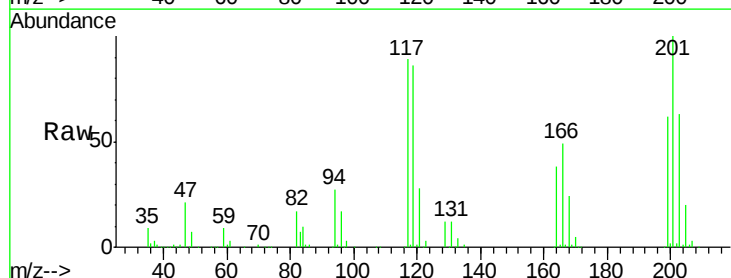
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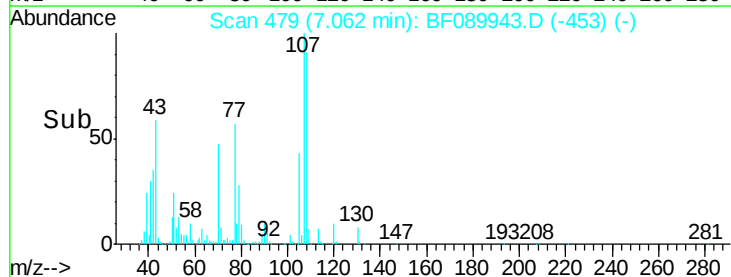
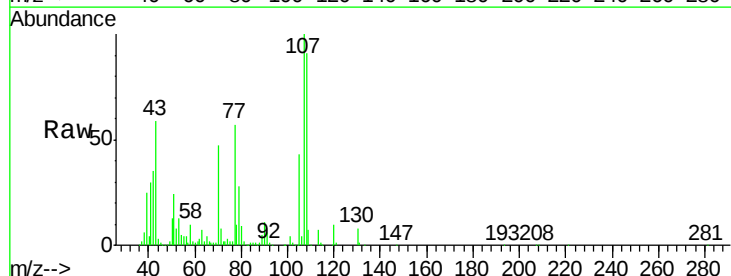
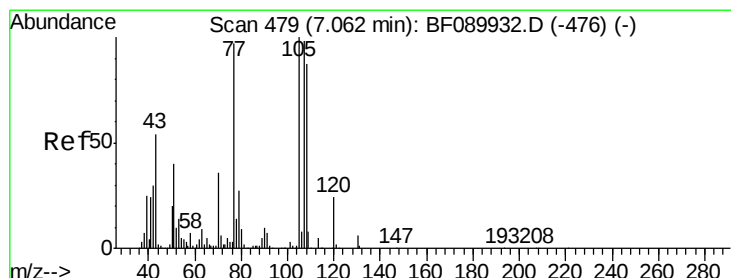
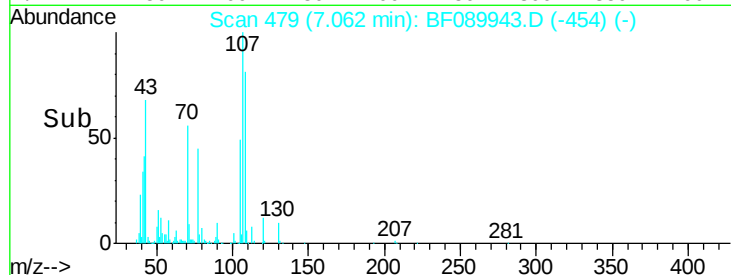
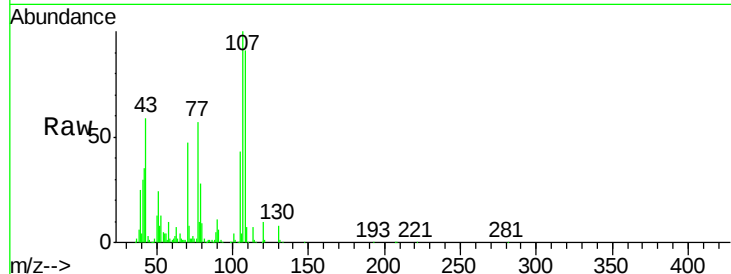
SOHIL
9/1/2016 11:53:12 AM



#18
Hexachloroethane
Concen: 28.92 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Tgt Ion:	117	Resp:	187195
Ion Ratio	Lower	Upper	
117	100		
119	97.0	76.2	114.2
201	112.8	80.2	120.2





#19

n-Nitroso-di-n-propylamine

Concen: 26.96 ng

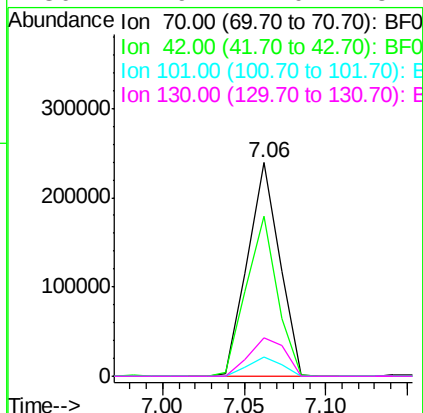
RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Tgt Ion	Ion	Resp	Lower	Upper
70	100			
42	74.7	52.1	78.1	
101	9.1	7.4	11.2	
130	17.9	17.0	25.4	



Instrument : BNA_F

ClientSampleId : TINTON-FALLS-ONION-FIELD-BPM

Manual Integrations
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9/1/2016 11:53:12 AM

#20

3+4-Methylphenols

Concen: 28.86 ng

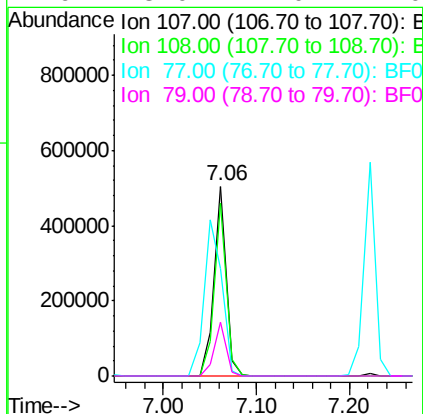
RT: 7.06 min Scan# 479

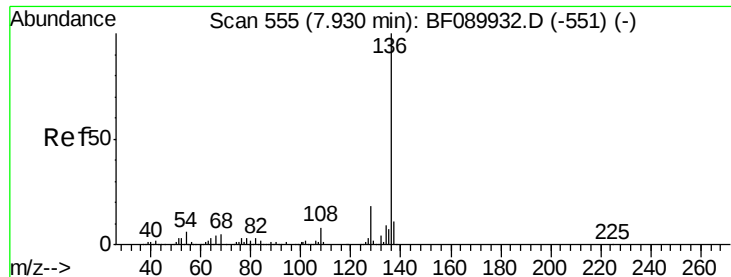
Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Tgt Ion	Ion	Resp	Lower	Upper
107	100			
108	90.8	70.2	110.2	
77	56.9	75.7	115.7#	
79	28.0	7.0	47.0	





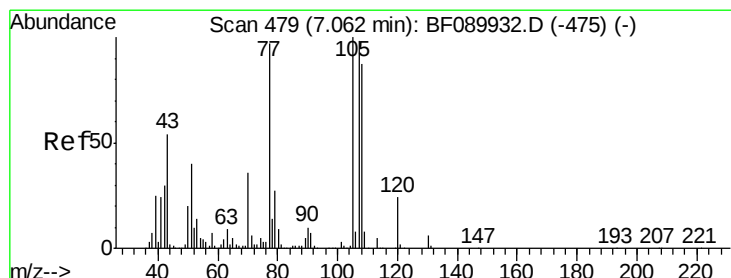
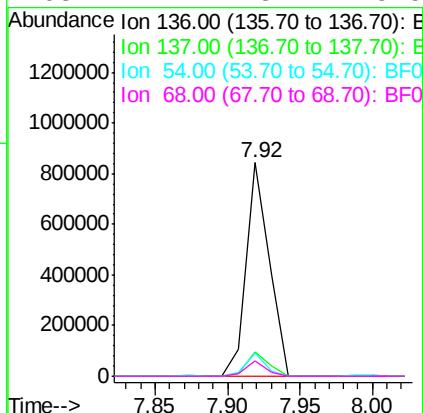
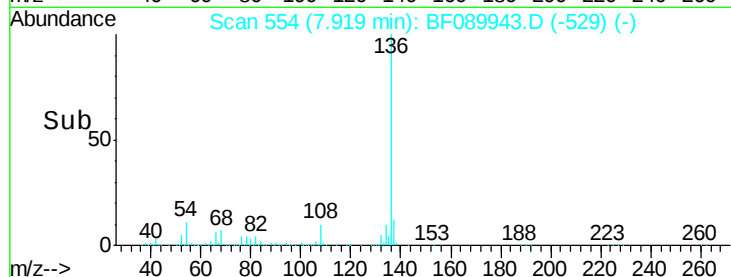
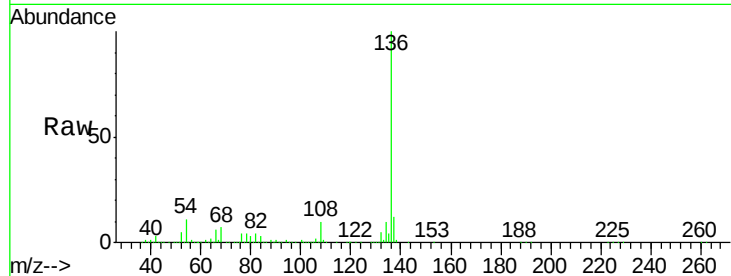
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Instrument :
BNA_F
ClientSampleId :
TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	927348		
137	11.5	8.3	12.5	
54	10.8	4.8	7.2#	
68	7.4	3.7	5.5#	

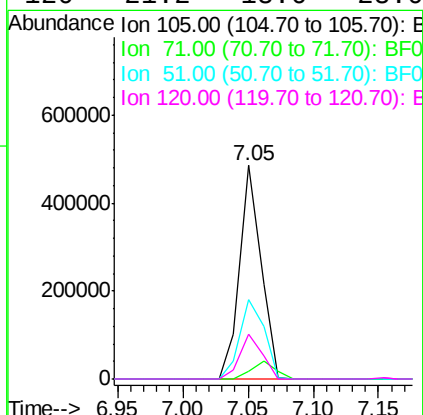
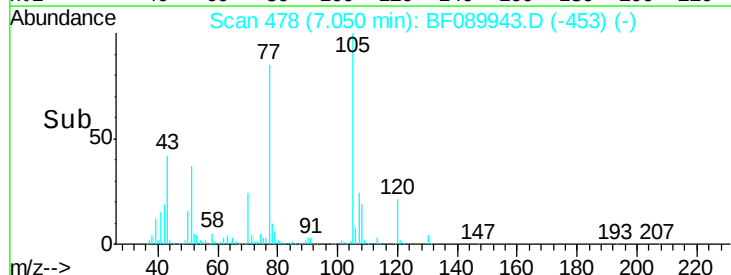
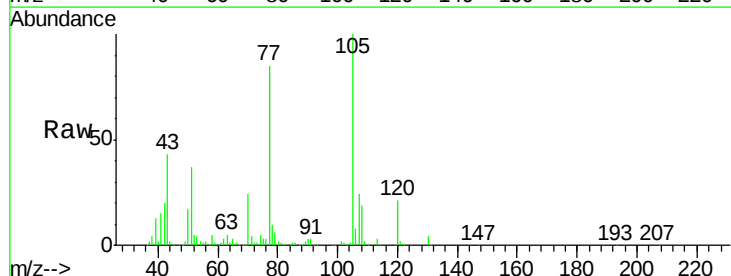
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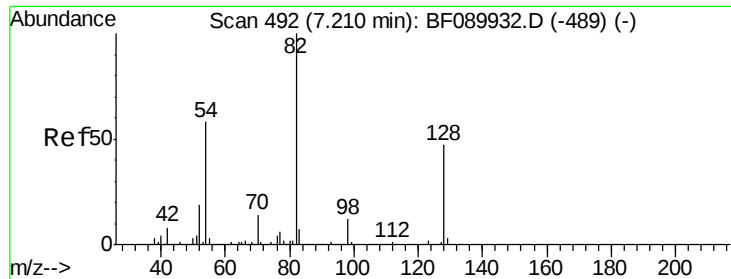
SOHIL
9/1/2016 11:53:12 AM



#22
Acetophenone
Concen: 26.62 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	553725		
71	3.9	5.3	7.9#	
51	37.3	32.6	48.8	
120	21.2	18.6	28.0	





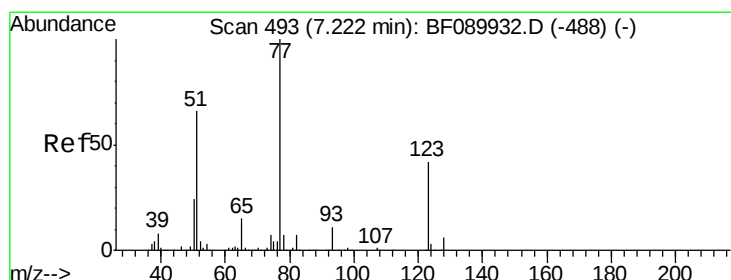
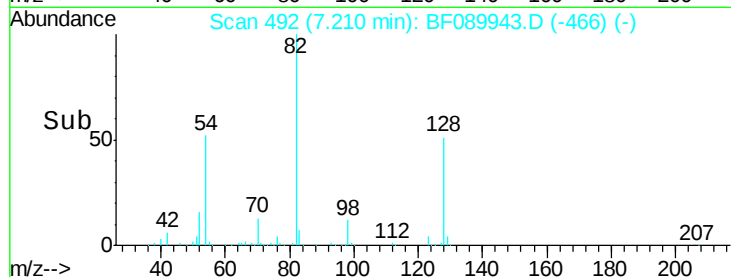
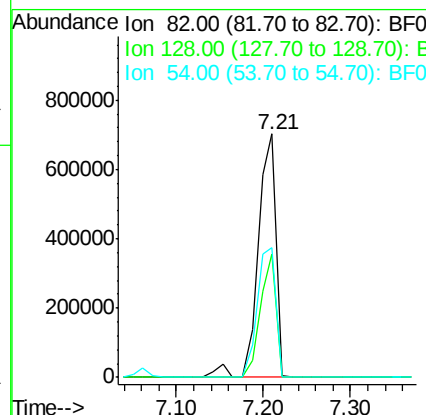
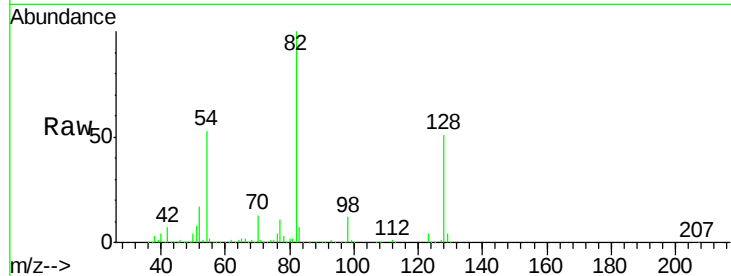
#23
 Nitrobenzene-d5
 Concen: 63.71 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :
 TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion: 82 Resp: 1018742
 Ion Ratio Lower Upper
 82 100
 128 50.8 37.8 56.8
 54 53.3 46.9 70.3

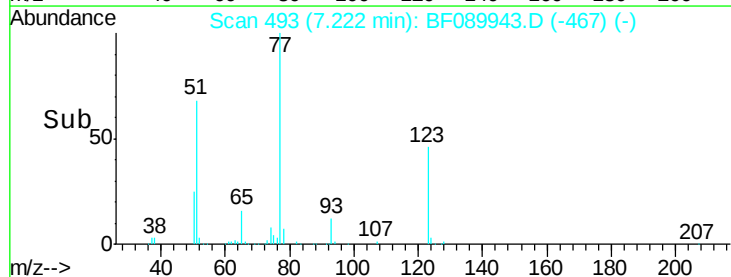
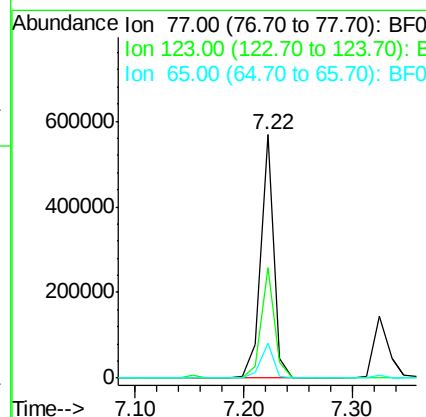
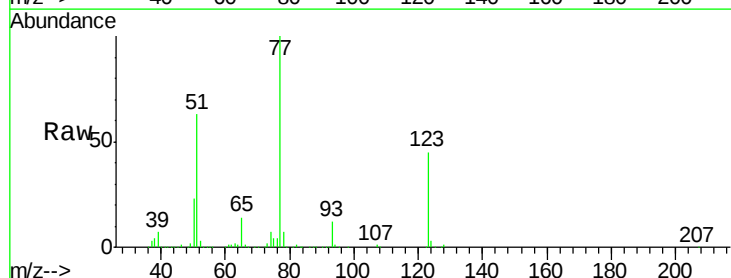
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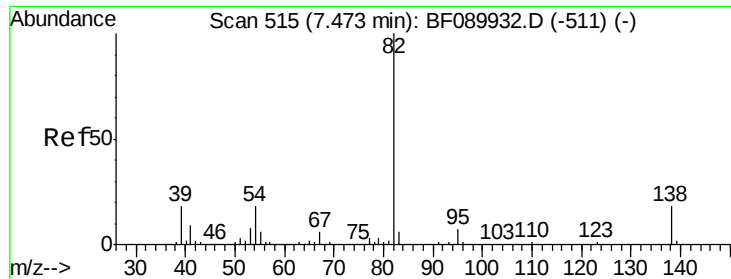
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 9/1/2016 11:53:12 AM



#24
 Nitrobenzene
 Concen: 28.27 ng
 RT: 7.22 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Tgt Ion: 77 Resp: 480511
 Ion Ratio Lower Upper
 77 100
 123 45.3 32.0 48.0
 65 14.1 11.2 16.8





#25

Isophorone

Concen: 29.83 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

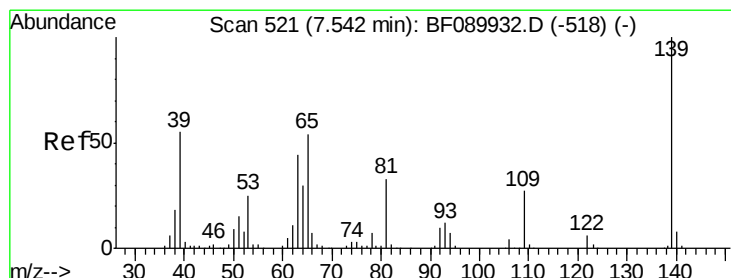
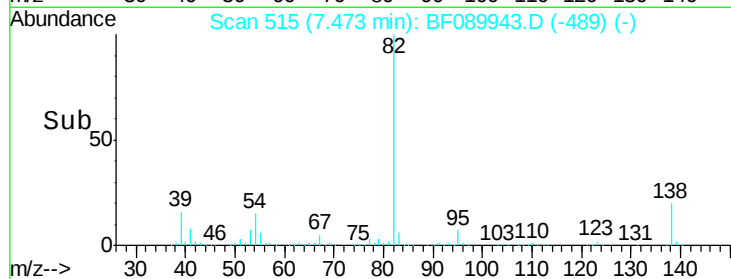
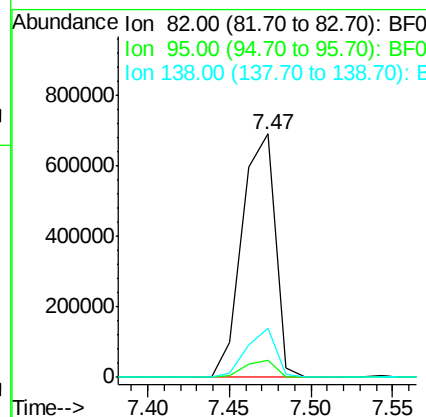
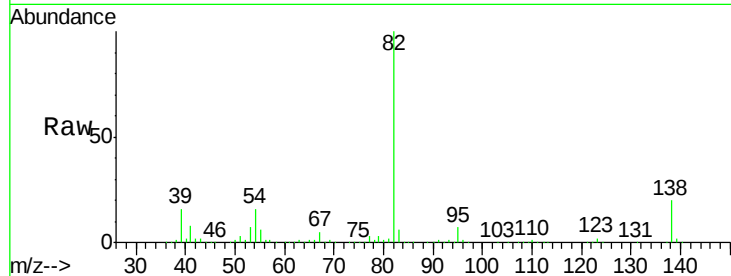
ClientSampleId :

TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion:	82	Resp:	970055
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.5	8.3
138	20.2	14.4	21.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 33.03 ng

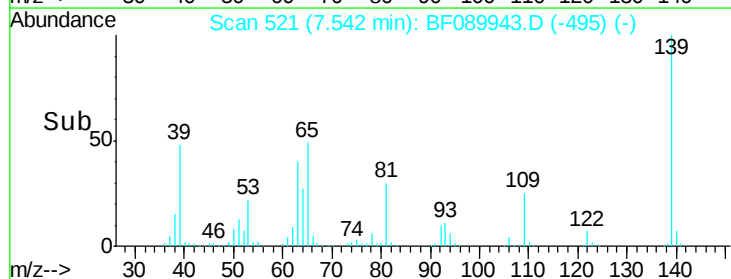
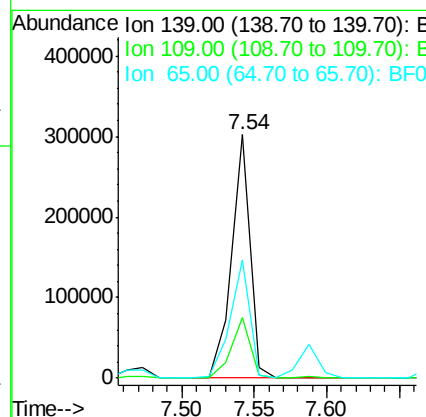
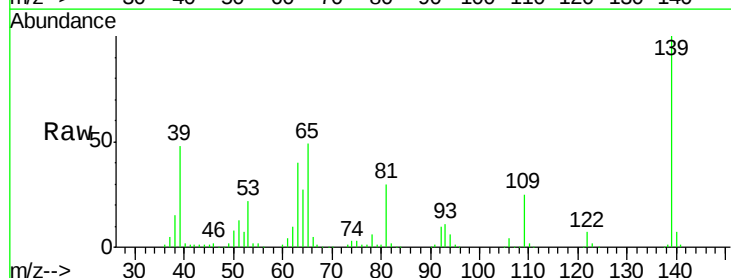
RT: 7.54 min Scan# 521

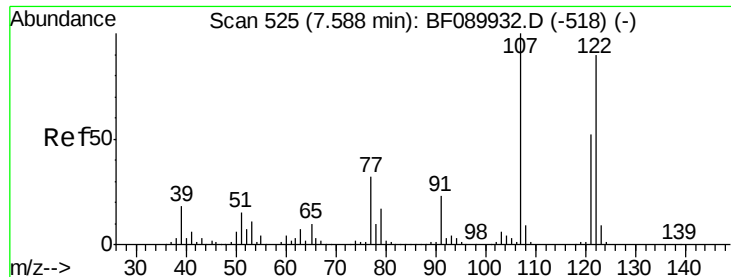
Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Tgt Ion:	139	Resp:	268394
Ion Ratio	Lower	Upper	
139	100		
109	25.0	21.0	31.4
65	48.8	43.4	65.0





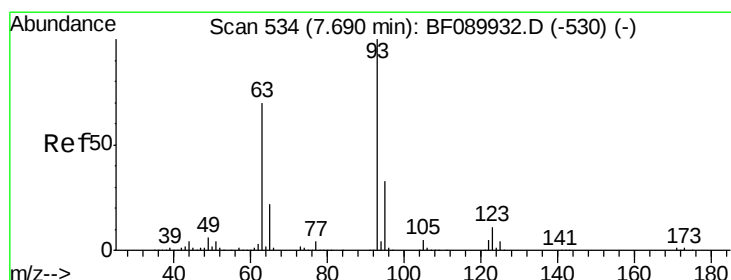
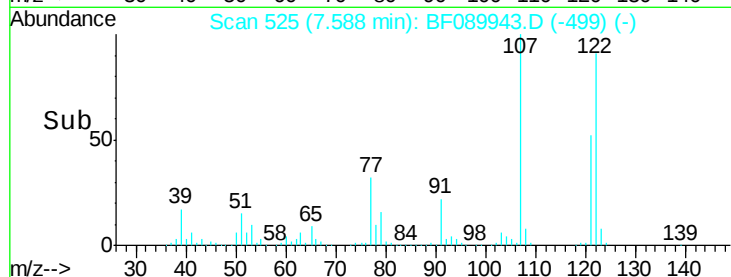
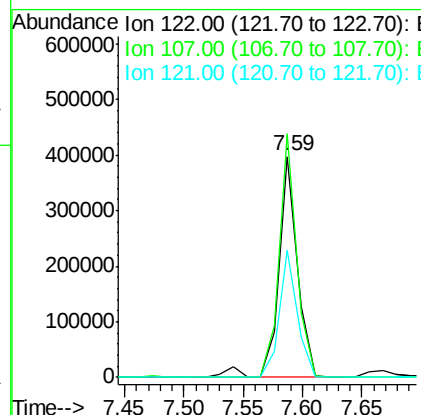
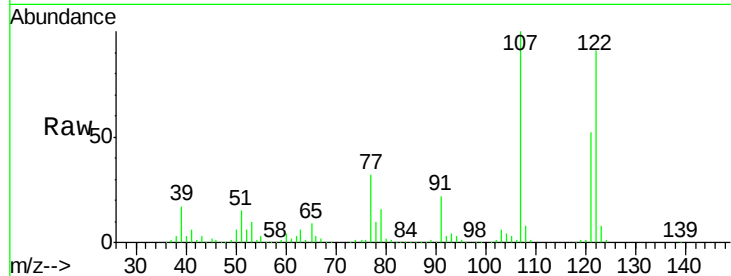
#27
 2,4-Dimethylphenol
 Concen: 29.17 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :
 TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	438448		
107	110.2	88.5	132.7	
121	57.3	46.0	69.0	

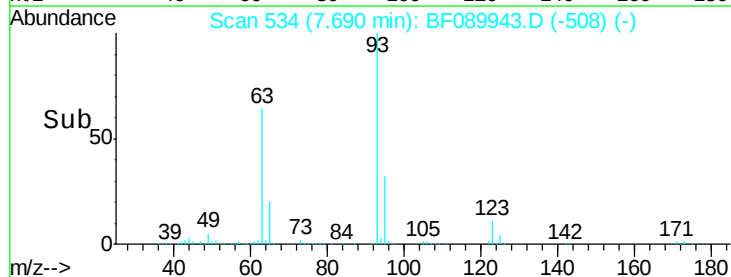
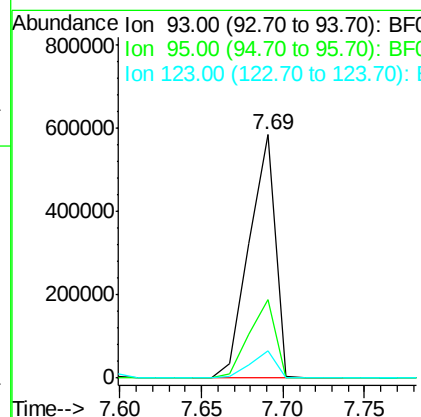
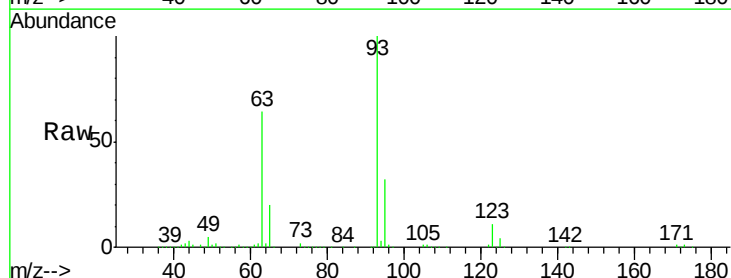
Manual Integrations
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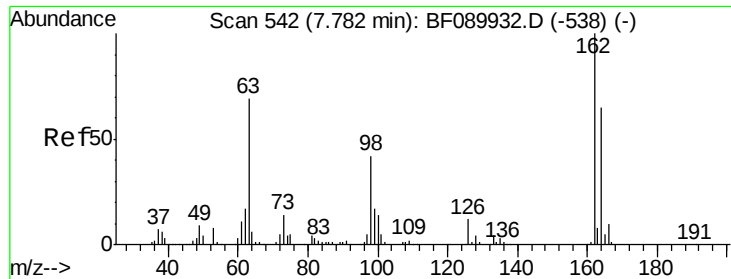
SOHIL
 9/1/2016 11:53:12 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.06 ng
 RT: 7.69 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	648281		
95	32.5	26.6	40.0	
123	11.4	9.1	13.7	





#29

2,4-Dichlorophenol

Concen: 30.25 ng

RT: 7.78 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

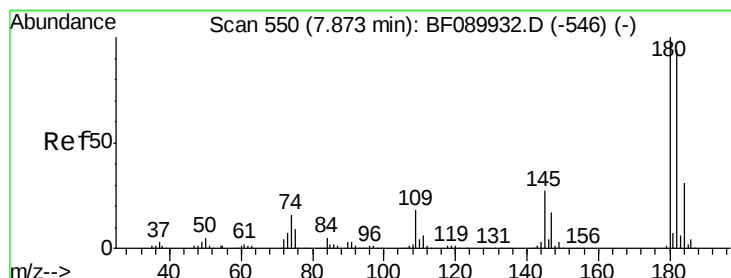
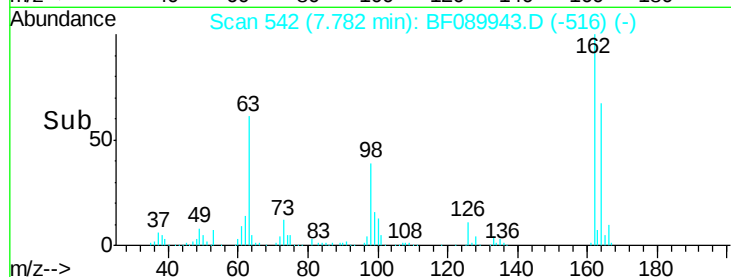
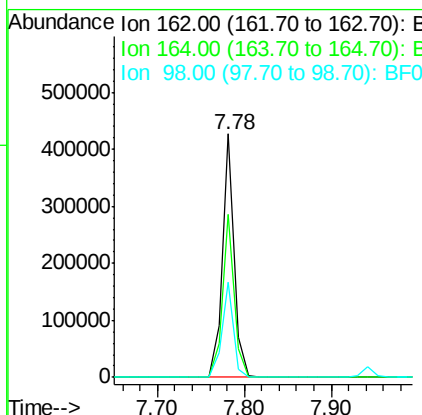
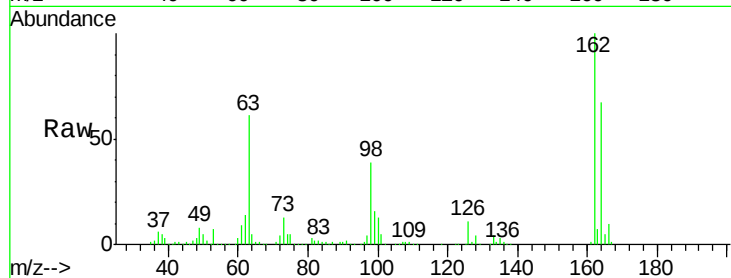
ClientSampleId :

TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion:	162	Resp:	407577
Ion Ratio		Lower	Upper
162	100		
164	66.8	46.6	86.6
98	39.0	22.0	62.0

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9/1/2016 11:53:12 AM



#30

1,2,4-Trichlorobenzene

Concen: 30.38 ng

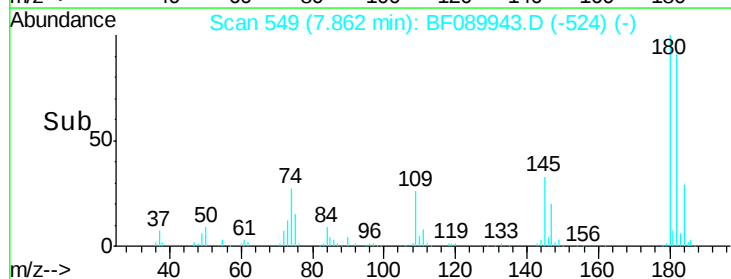
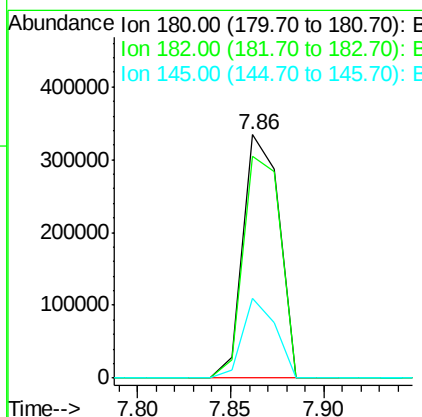
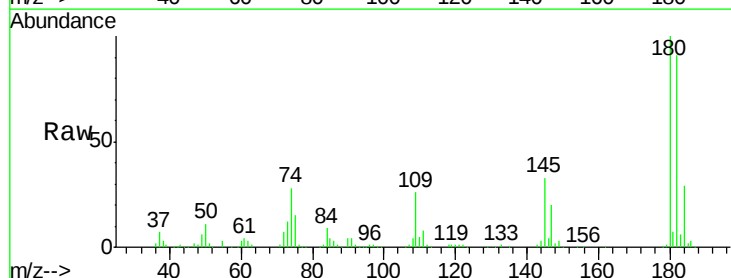
RT: 7.86 min Scan# 549

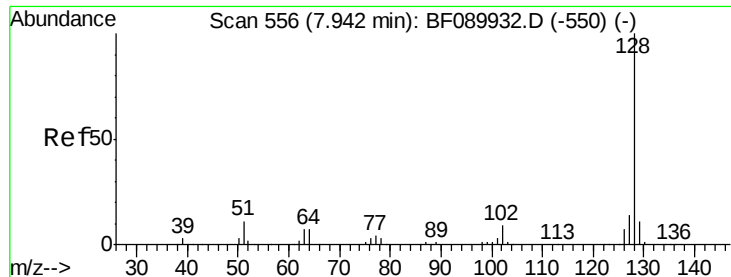
Delta R.T. -0.01 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Tgt Ion:	180	Resp:	447556
Ion Ratio		Lower	Upper
180	100		
182	91.2	76.2	114.2
145	32.8	22.2	33.4





#31

Naphthalene

Concen: 27.87 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

ClientSampleId :

TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion:128 Resp: 1287483

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.0

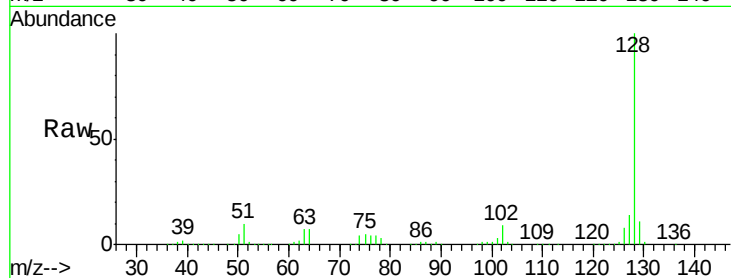
127 13.7 10.7 16.1

Manual Integrations

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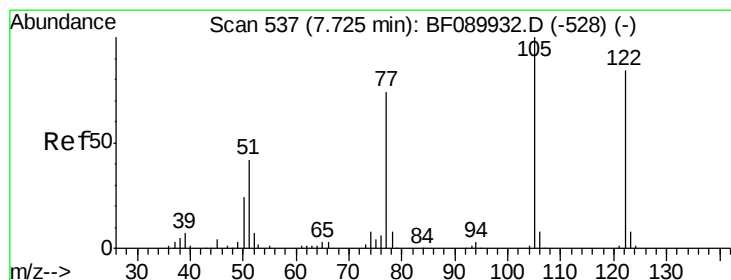
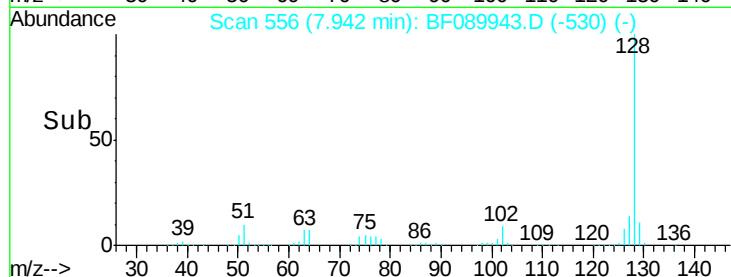
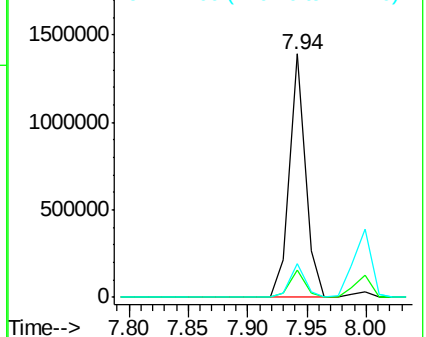
9/1/2016 11:53:12 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.74 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.06 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

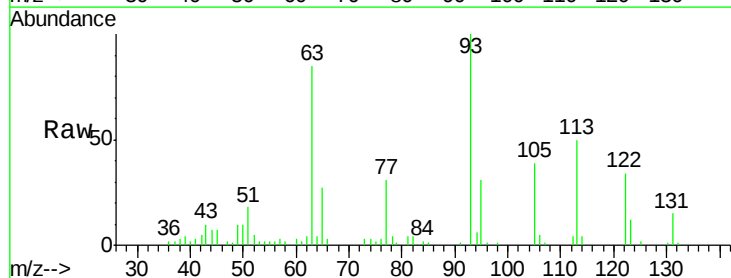
Tgt Ion:122 Resp: 27778

Ion Ratio Lower Upper

122 100

105 113.6 102.2 142.2

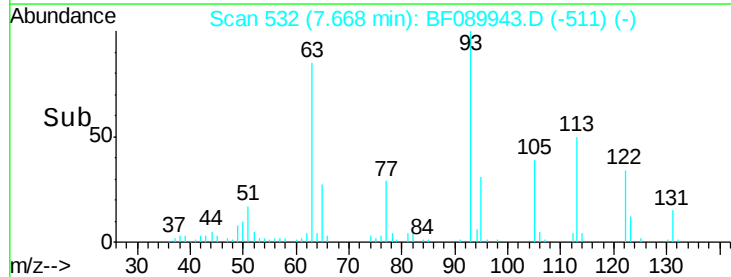
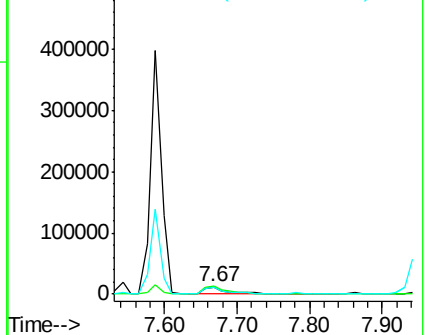
77 89.1 74.1 114.1

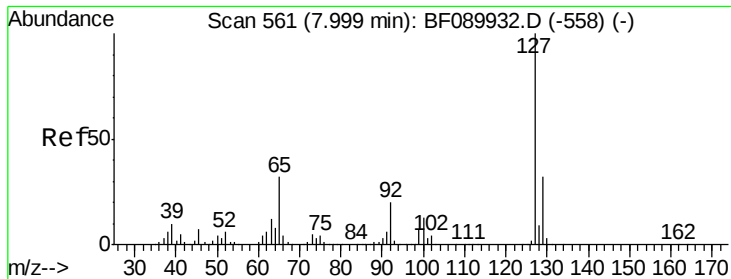


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





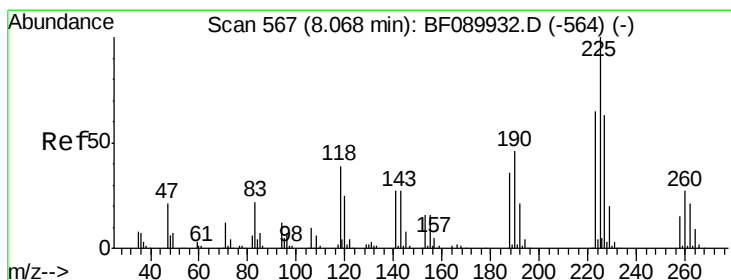
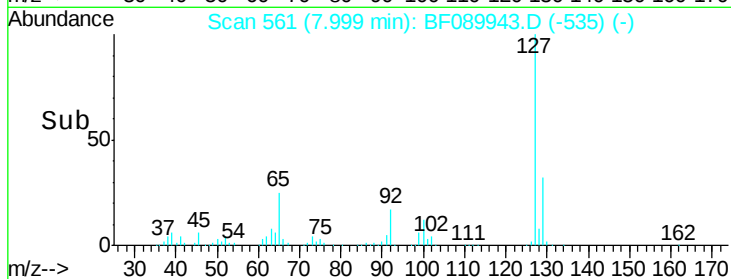
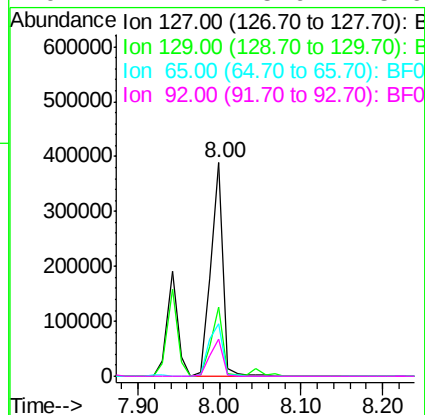
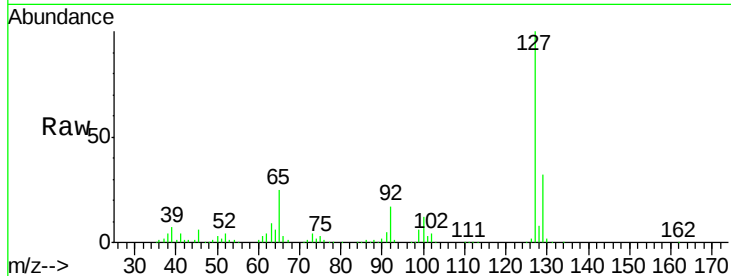
#33
4-Chloroaniline
Concen: 22.12 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Instrument :
BNA_F
ClientSampleId :
TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	412394		
129	32.4	25.9	38.9	
65	24.7	26.0	39.0	
92	17.2	15.9	23.9	

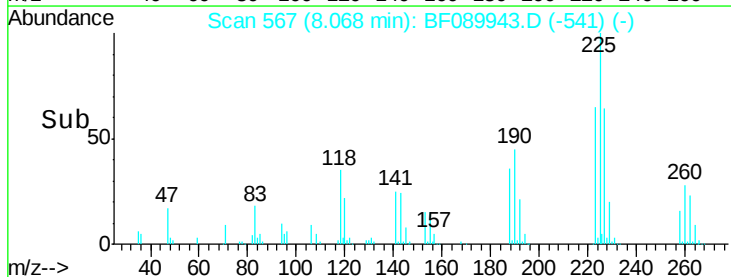
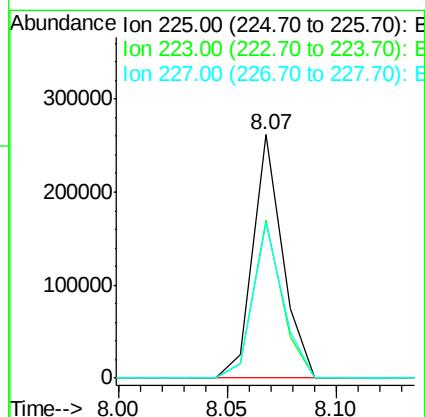
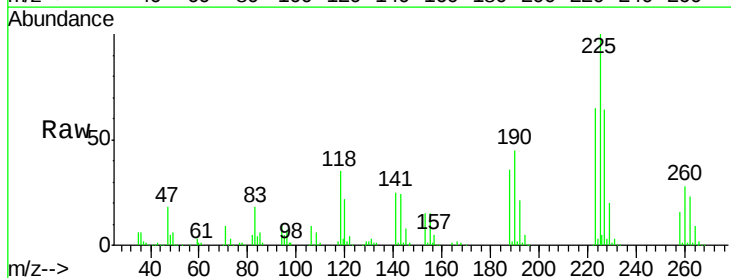
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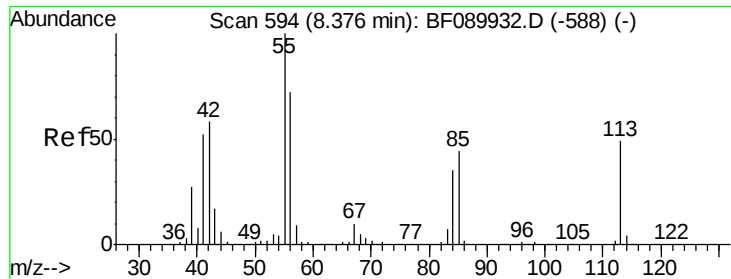
SOHIL
9/1/2016 11:53:12 AM



#34
Hexachlorobutadiene
Concen: 28.73 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	248008		
223	65.0	52.6	78.8	
227	64.0	50.8	76.2	





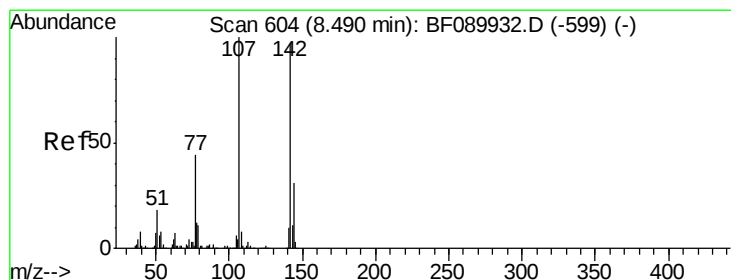
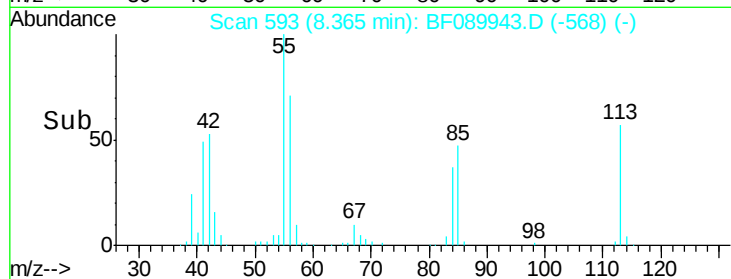
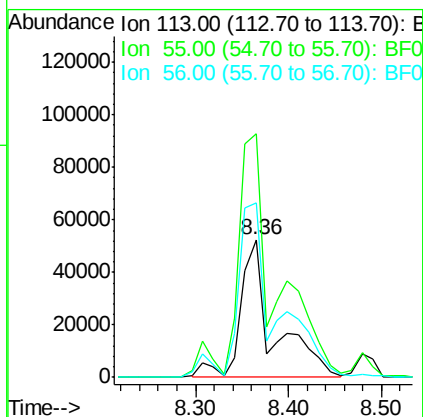
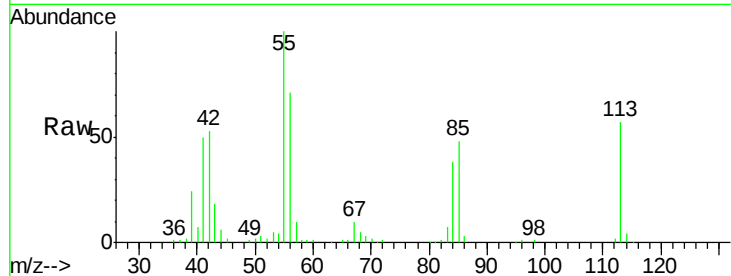
#35
 Caprolactam
 Concen: 30.30 ng m
 RT: 8.36 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :
 TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion:113 Resp: 128886
 Ion Ratio Lower Upper
 113 100
 55 176.9 178.5 218.5#
 56 126.4 122.7 162.7

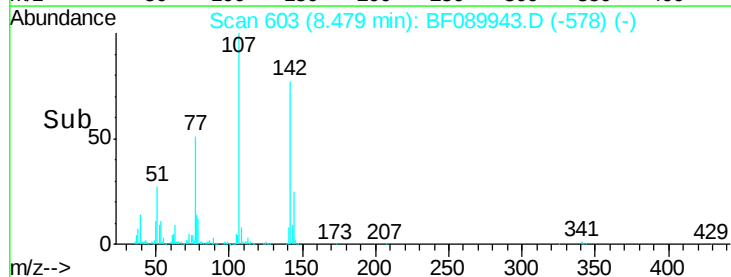
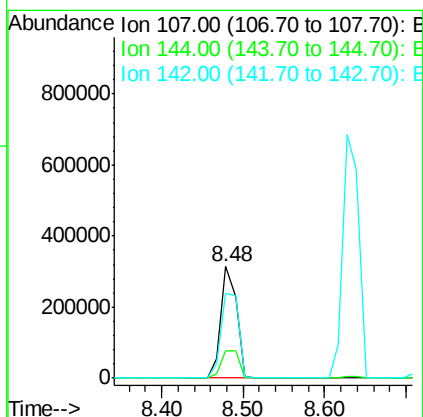
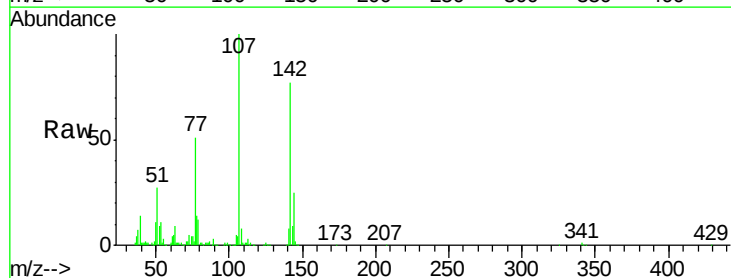
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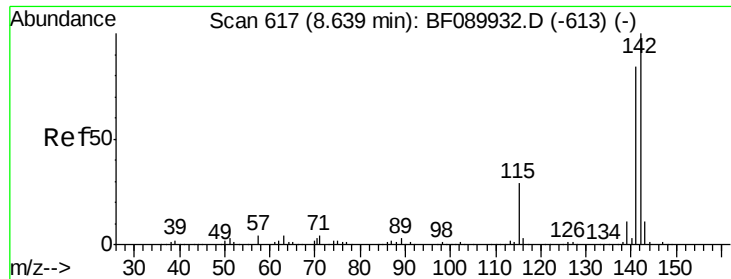
SOHIL
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#36
 4-Chloro-3-methylphenol
 Concen: 29.26 ng
 RT: 8.48 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Tgt Ion:107 Resp: 417653
 Ion Ratio Lower Upper
 107 100
 144 24.7 25.8 38.8#
 142 76.6 79.2 118.8#





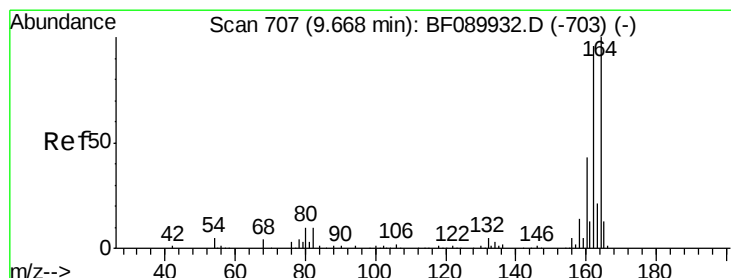
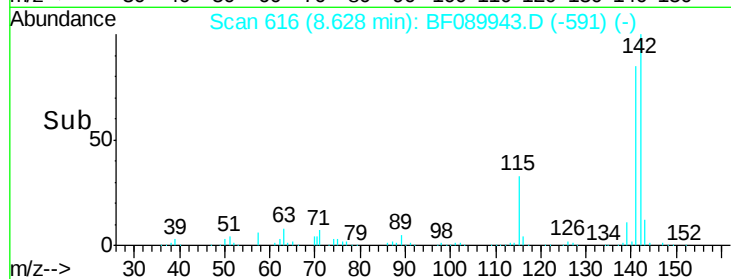
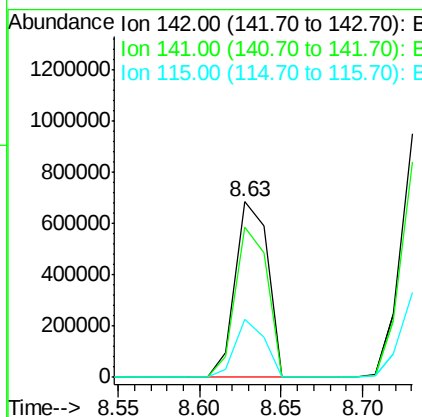
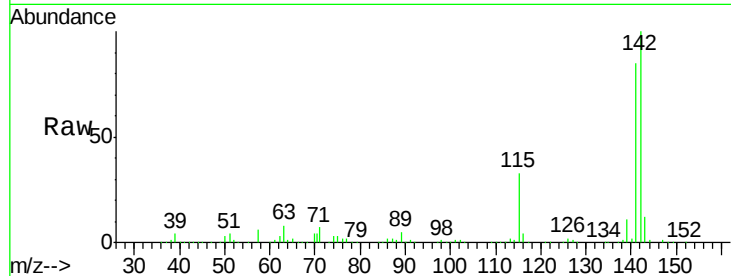
#37
2-Methylnaphthalene
Concen: 30.92 ng
RT: 8.63 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Instrument :
BNA_F
ClientSampleId :
TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	943868		
141	85.4	68.3	102.5	
115	33.3	23.8	35.8	

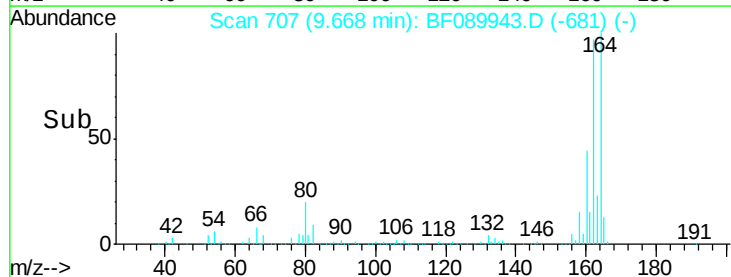
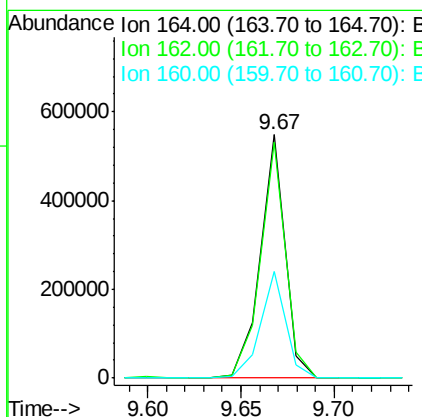
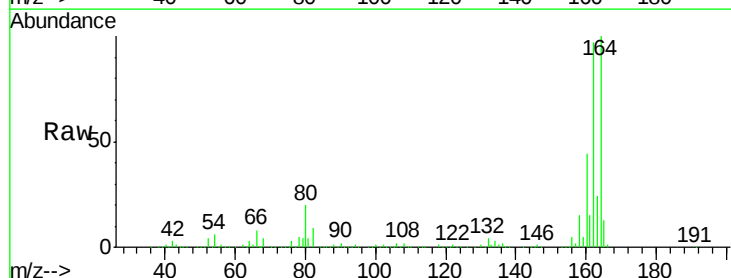
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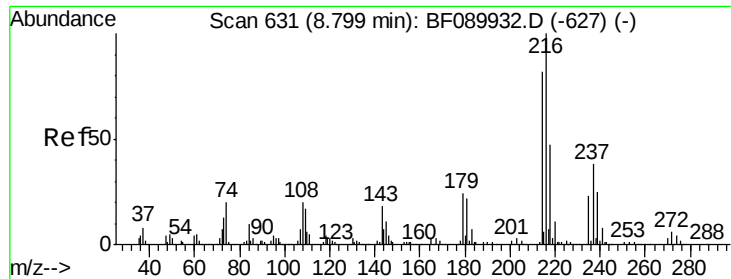
SOHIL
9/1/2016 11:53:12 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	499384		
162	96.7	77.1	115.7	
160	43.7	35.3	52.9	





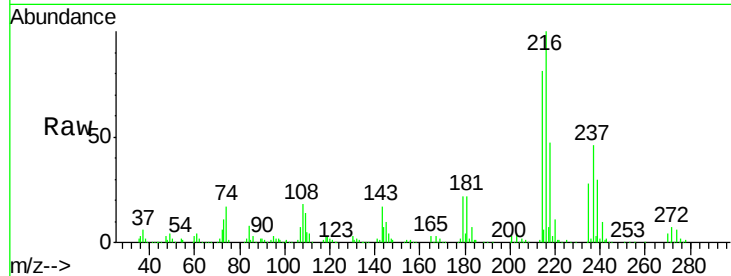
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 24.76 ng
 RT: 8.80 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :
 TINTON-FALLS-ONION-FIELD-BPM

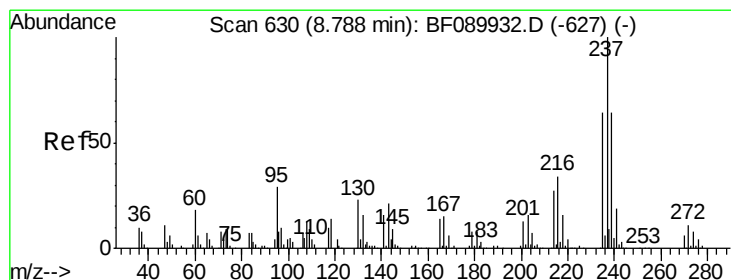
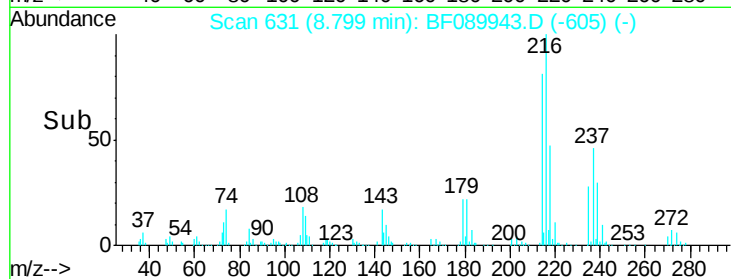
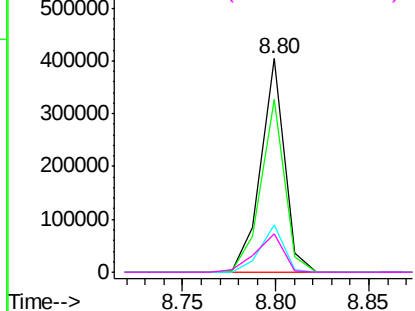
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	362231		
214	80.5	63.4	95.2	
179	22.1	17.3	25.9	
108	21.1	15.5	23.3	

Manual Integrations
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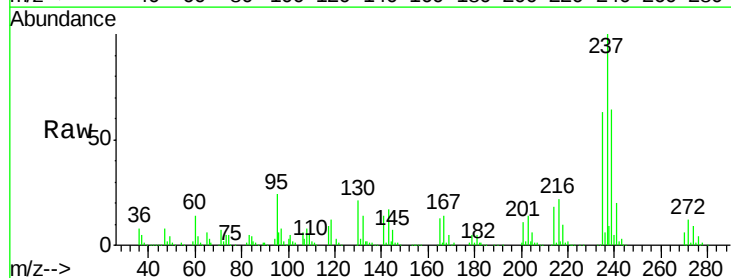


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

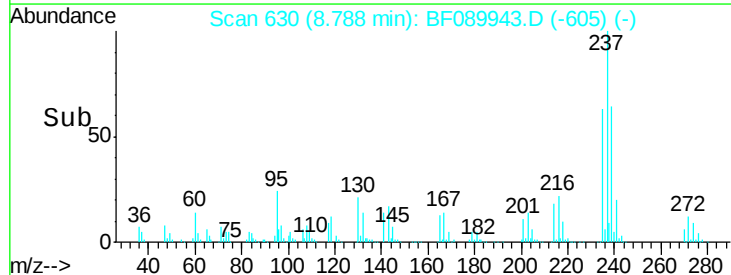
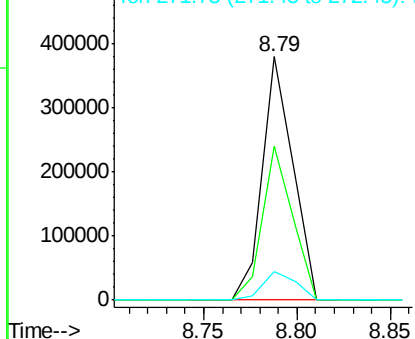


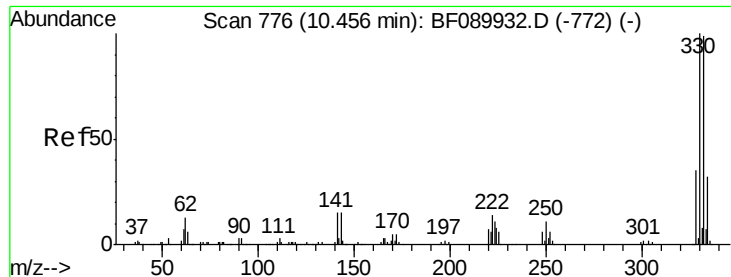
#40
 Hexachlorocyclopentadiene
 Concen: 57.00 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	427600		
235	63.4	39.6	79.6	
272	11.6	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





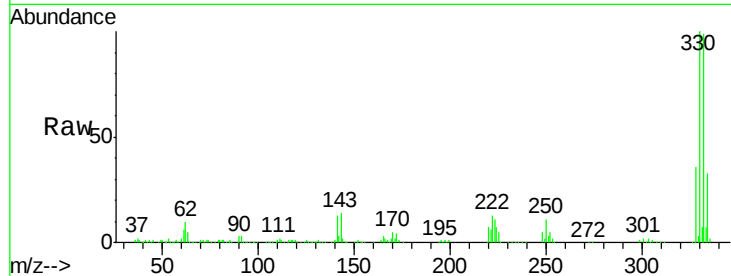
#41
 2,4,6-Tribromophenol
 Concen: 85.53 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :
 TINTON-FALLS-ONION-FIELD-BPM

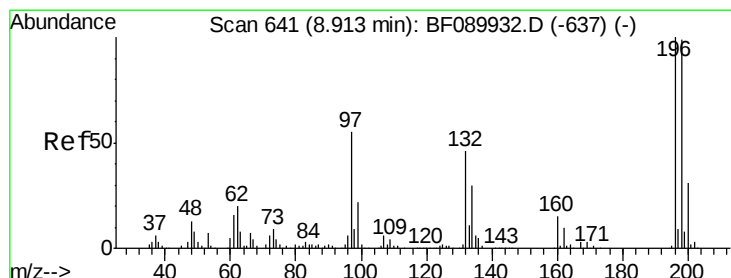
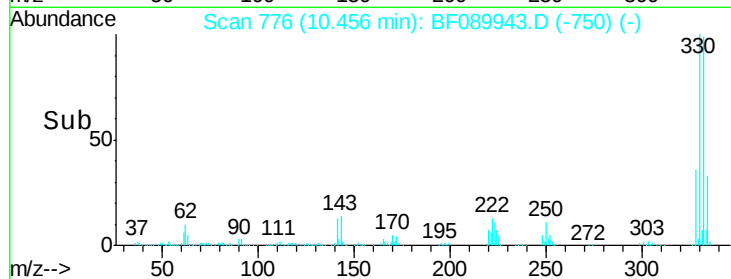
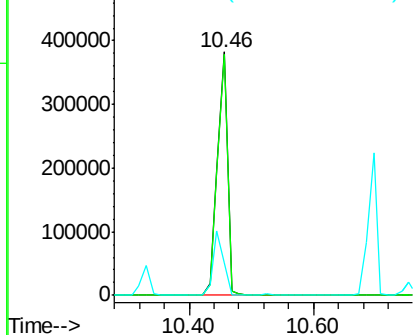
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	421379		
332	98.4	78.6	117.8	
141	28.1	23.3	34.9	

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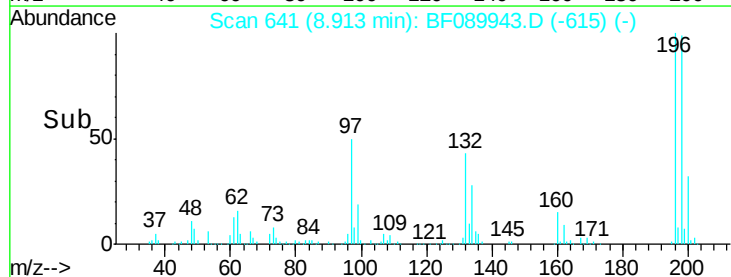
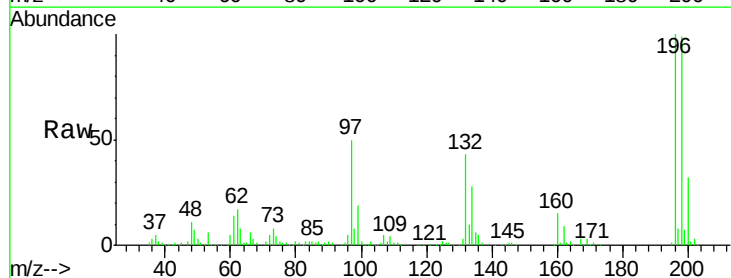
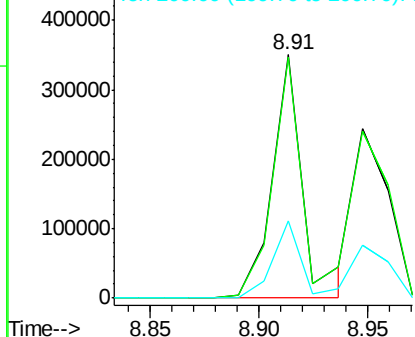
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

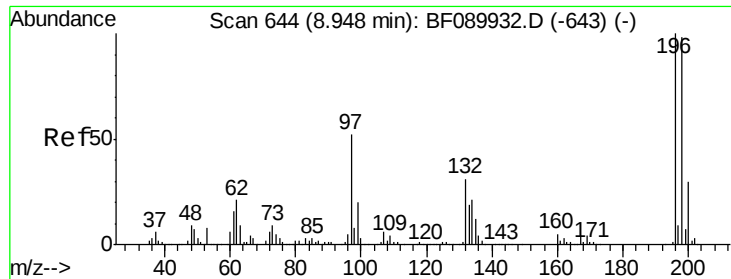


#42
 2,4,6-Trichlorophenol
 Concen: 33.94 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	344089		
198	99.0	78.3	117.5	
200	31.9	24.8	37.2	

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





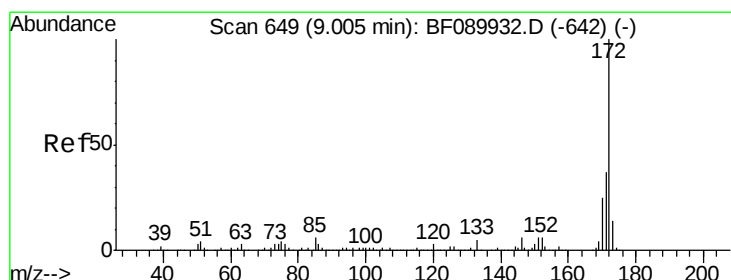
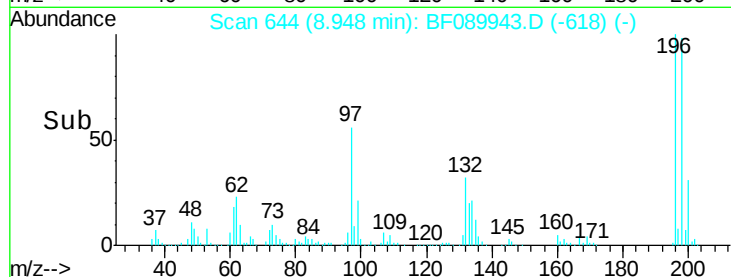
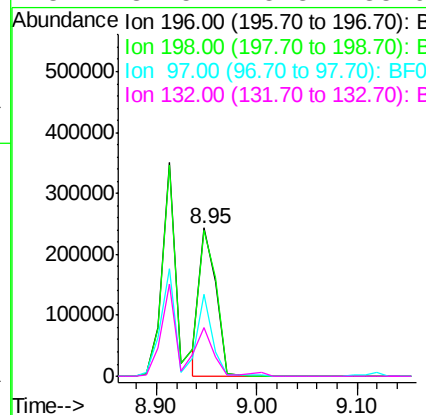
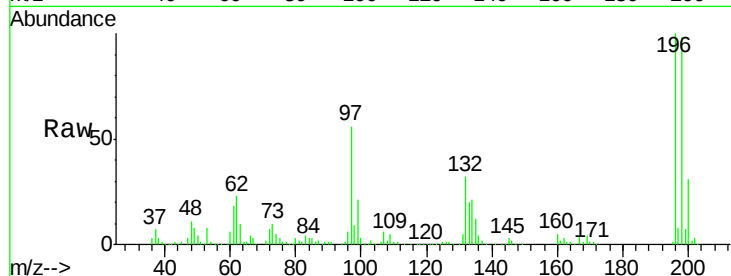
#43
 2,4,5-Trichlorophenol
 Concen: 28.61 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :
 TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	278928		
198	98.4	80.8	121.2	
97	55.7	44.2	66.4	
132	32.5	25.8	38.6	

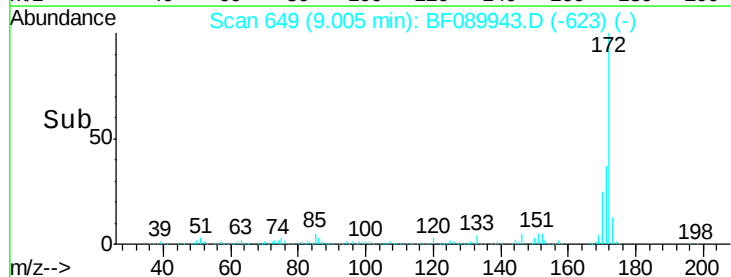
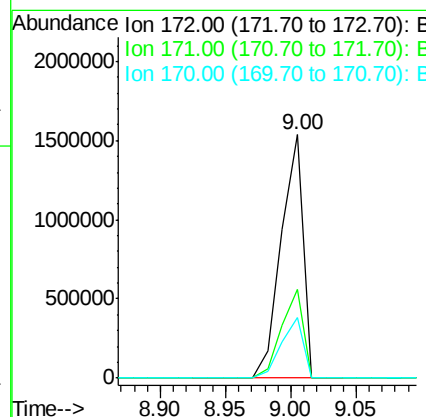
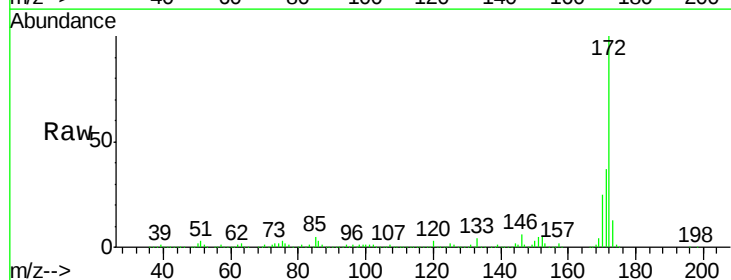
Manual Integrations
 APPROVED

SOHIL
 9/1/2016 11:53:12 AM



#44
 2-Fluorobiphenyl
 Concen: 59.85 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1820646		
171	36.6	29.4	44.2	
170	24.9	20.1	30.1	





#45

1,1'-Biphenyl

Concen: 24.40 ng

RT: 9.10 min Scan# 657

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

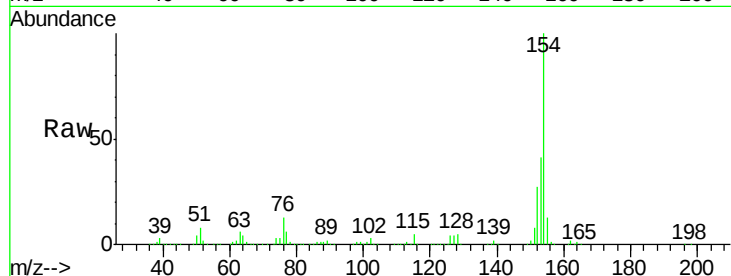
ClientSampleId :

TINTON-FALLS-ONION-FIELD-BPM

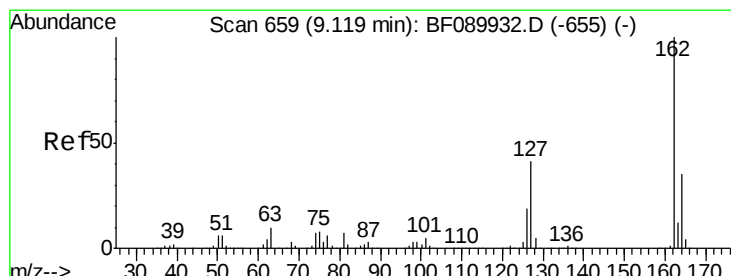
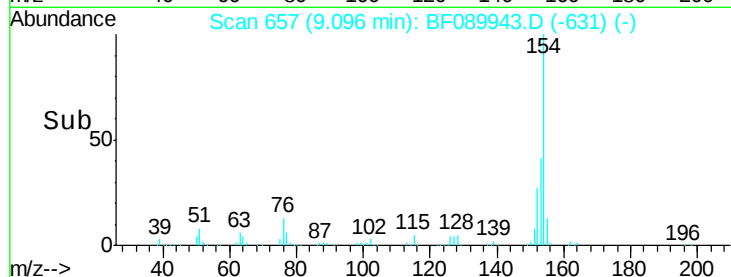
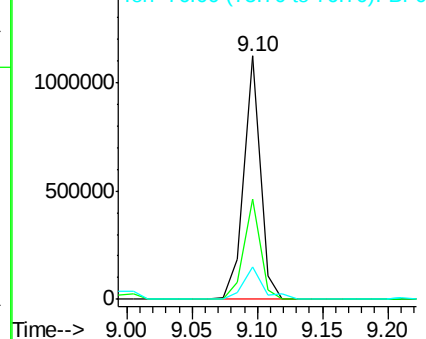
Tgt Ion:	154	Resp:	981051
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.6	60.6
76	13.4	0.0	34.9

Manual Integrations
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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: 32.34 ng

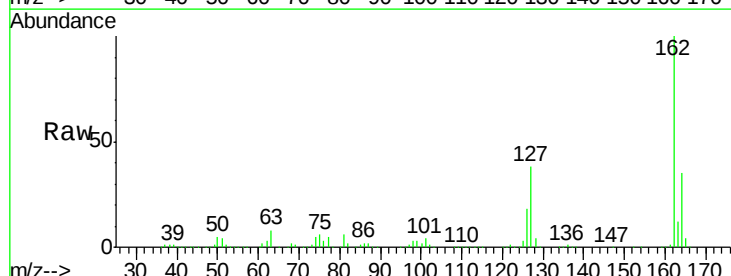
RT: 9.12 min Scan# 659

Delta R.T. 0.00 min

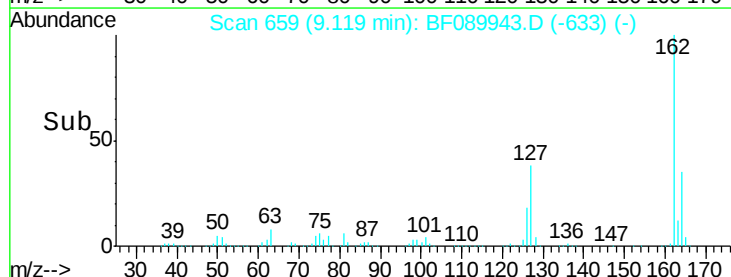
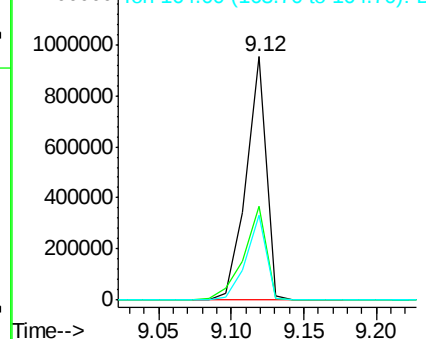
Lab File: BF089943.D

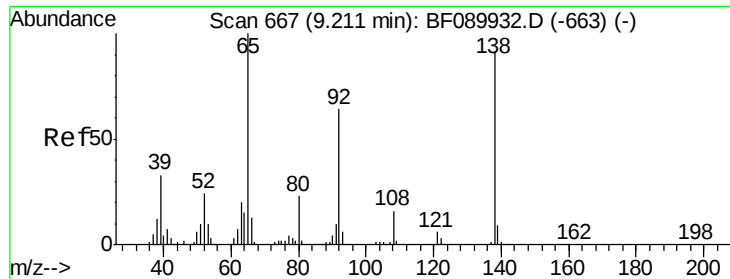
Acq: 31 Aug 2016 11:51

Tgt Ion:	162	Resp:	919844
Ion Ratio	Lower	Upper	
162	100		
127	38.3	33.5	50.3
164	34.6	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





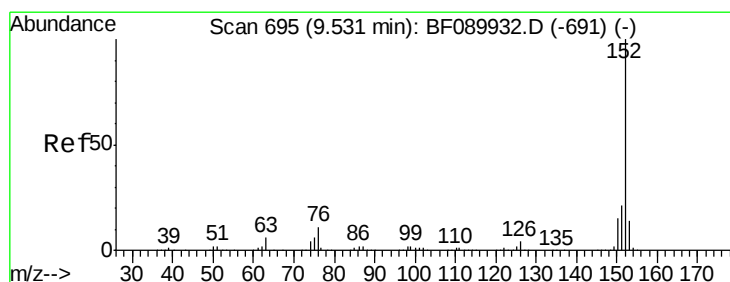
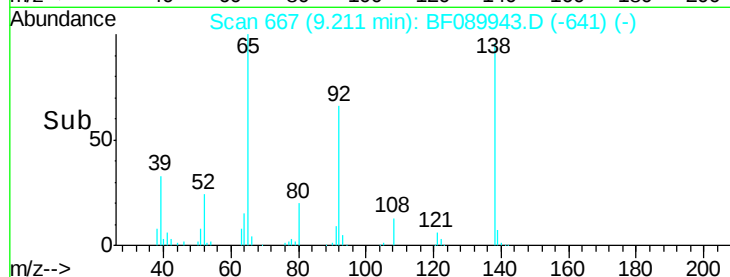
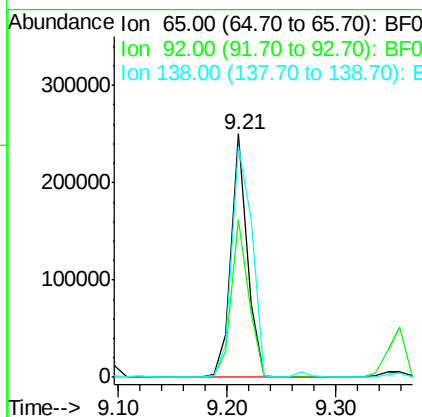
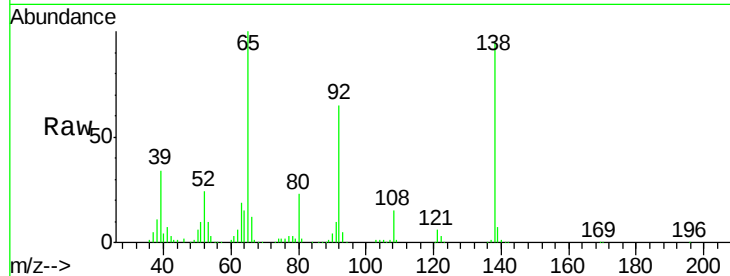
#47
2-Nitroaniline
Concen: 27.68 ng
RT: 9.21 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Instrument :
BNA_F
ClientSampleId :
TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	257416		
92	65.0	52.0	78.0	
138	94.8	72.1	108.1	

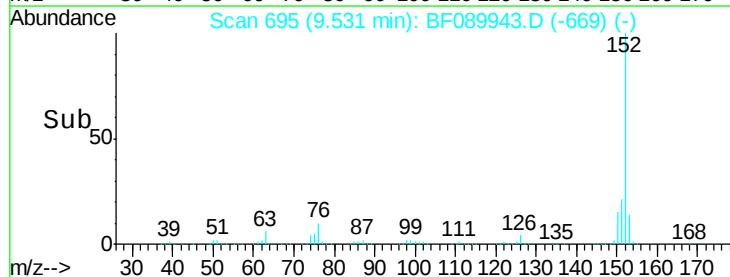
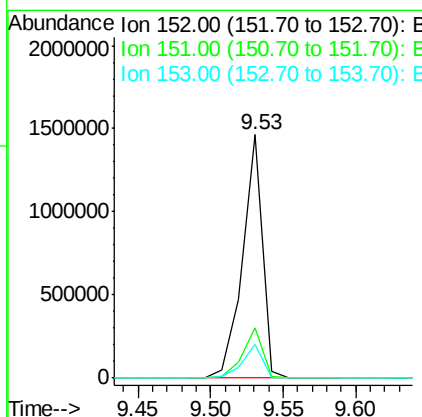
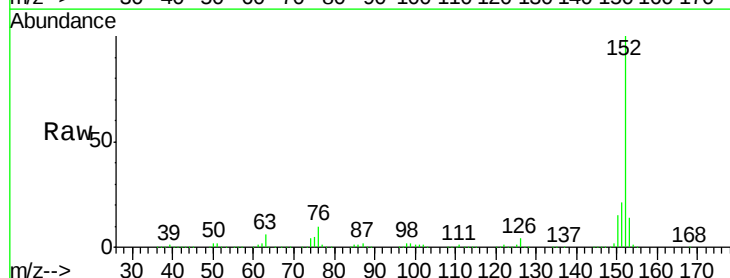
Manual Integrations
APPROVED

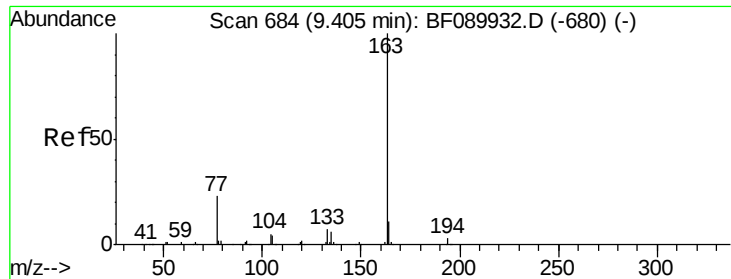
SOHIL
9/1/2016 11:53:12 AM



#48
Acenaphthylene
Concen: 29.60 ng
RT: 9.53 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1392008		
151	20.6	16.7	25.1	
153	14.0	11.6	17.4	





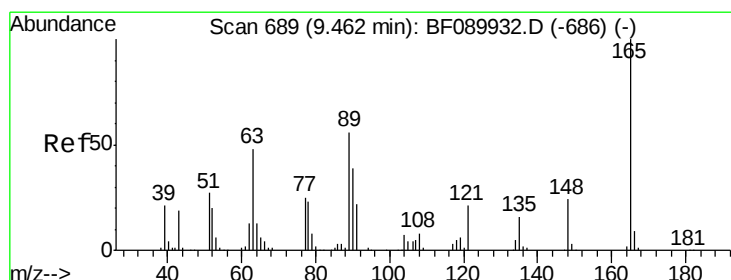
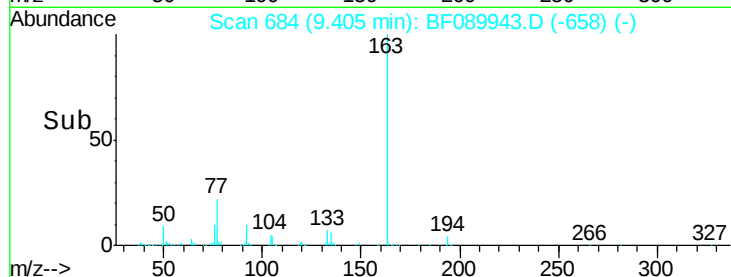
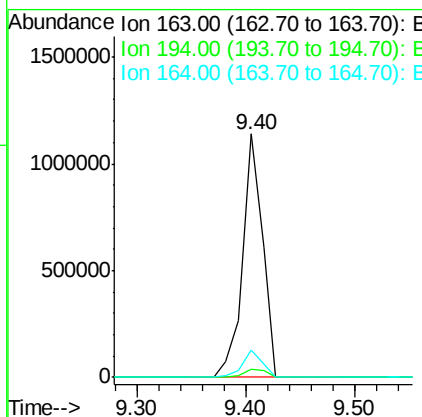
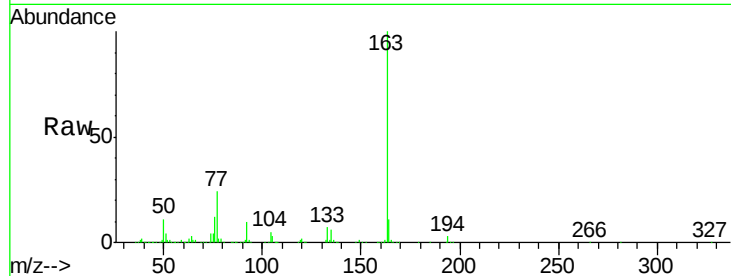
#49
Dimethylphthalate
Concen: 39.68 ng
RT: 9.40 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Instrument :
BNA_F
ClientSampleId :
TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	11.1	9.0	13.4

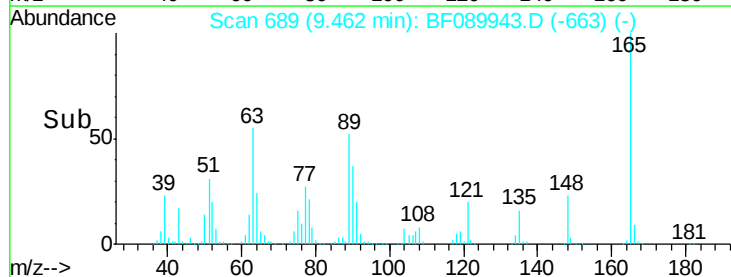
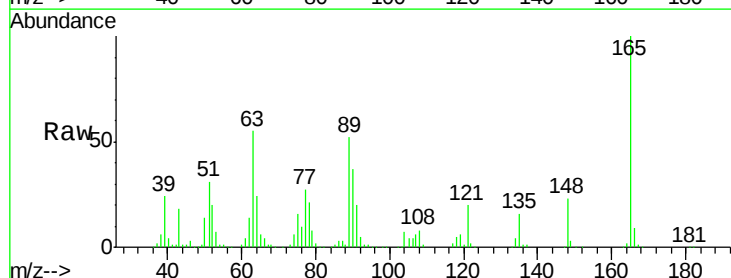
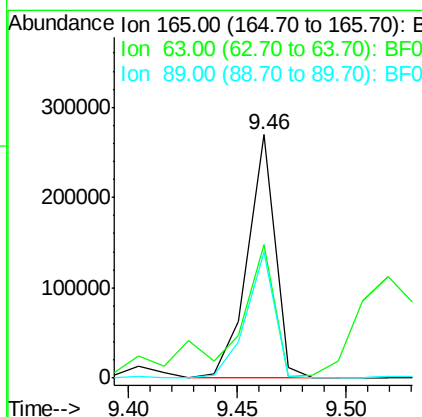
Manual Integrations
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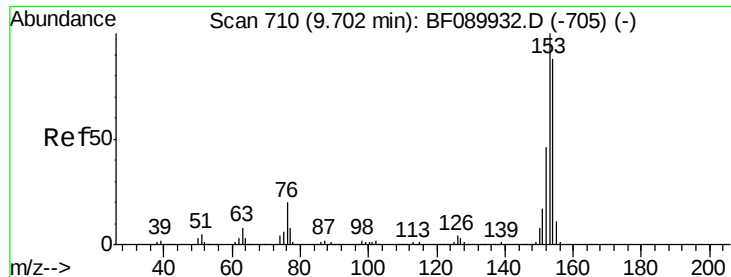
SOHIL
9/1/2016 11:53:12 AM



#50
2,6-Dinitrotoluene
Concen: 29.87 ng
RT: 9.46 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.7	45.0	67.4
89	51.6	41.5	62.3





#51

Acenaphthene

Concen: 30.19 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

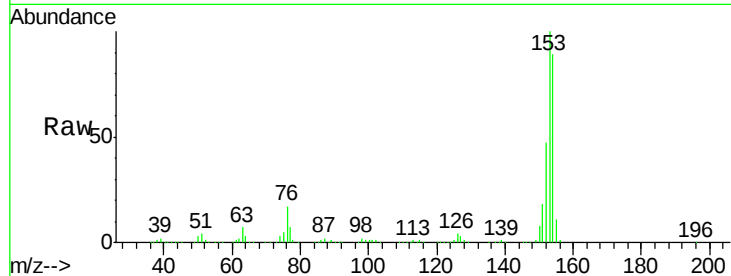
ClientSampleId :

TINTON-FALLS-ONION-FIELD-BPM

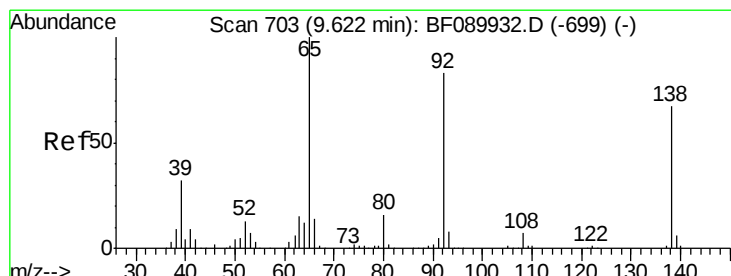
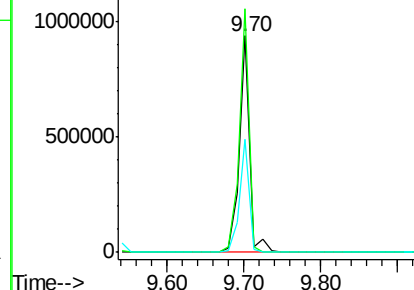
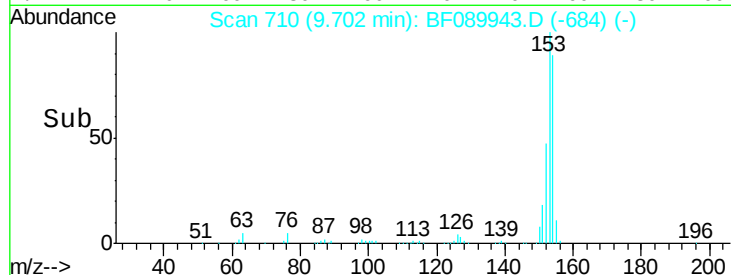
Tgt	Ion:154	Resp:	899640
Ion	Ratio	Lower	Upper
154	100		
153	112.4	90.6	135.8
152	52.4	42.4	63.6

Manual Integrations
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SOHIL
9/1/2016 11:53:12 AM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.05 ng

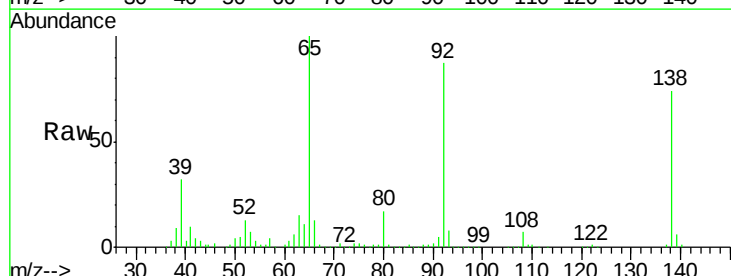
RT: 9.62 min Scan# 703

Delta R.T. 0.00 min

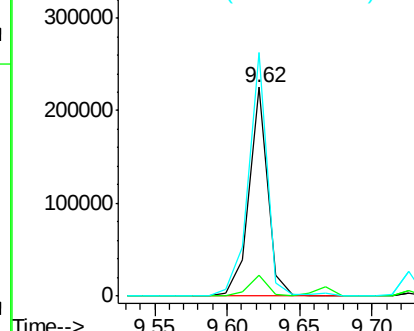
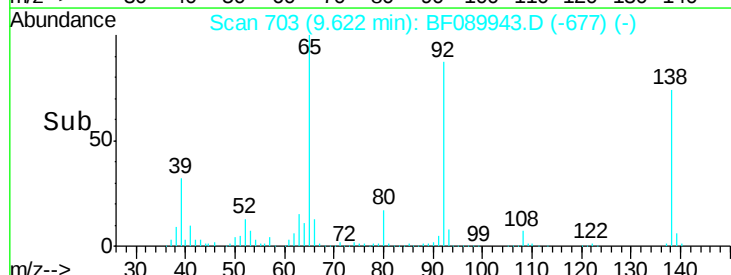
Lab File: BF089943.D

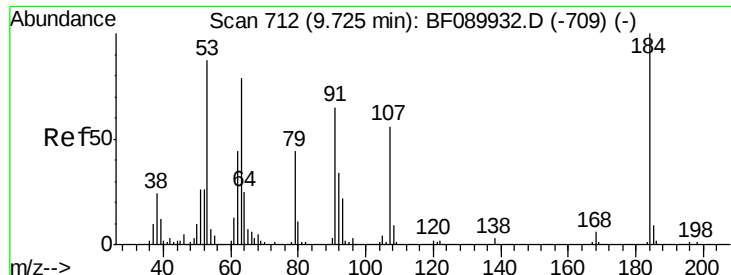
Acq: 31 Aug 2016 11:51

Tgt	Ion:138	Resp:	201898
Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.3	12.5
92	116.8	99.1	148.7



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





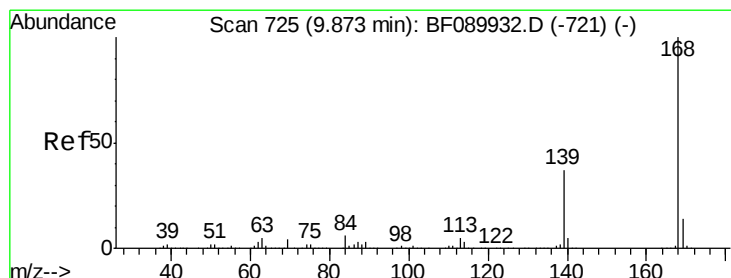
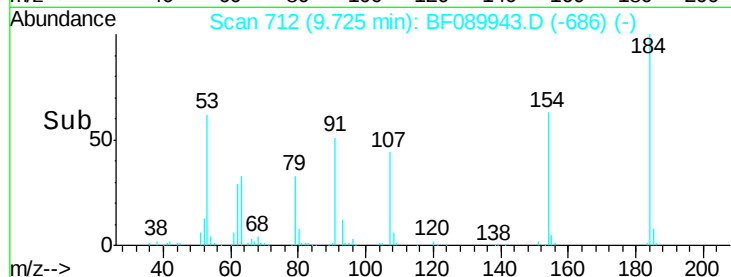
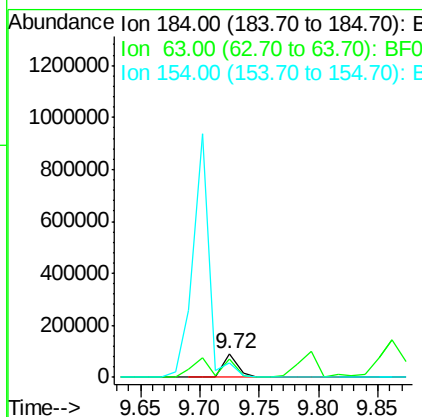
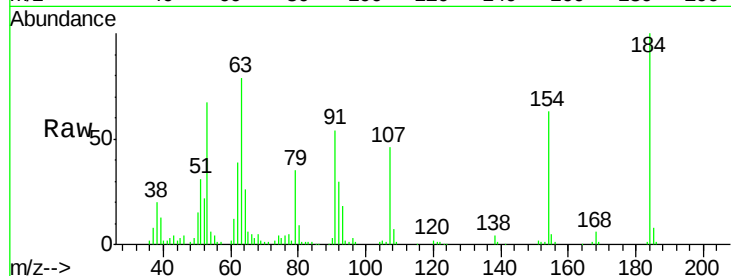
#53
2,4-Dinitrophenol
Concen: 24.46 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Instrument :
BNA_F
ClientSampleId :
TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	79631		
63	79.0	73.9	110.9	
154	62.6	53.5	80.3	

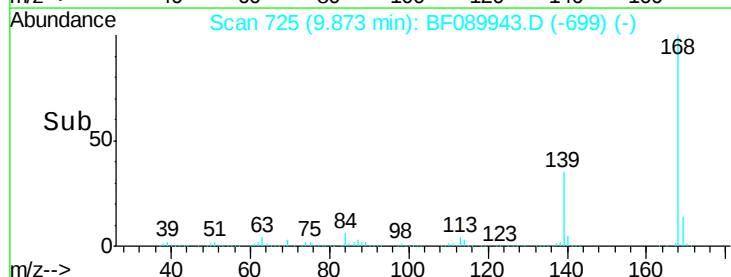
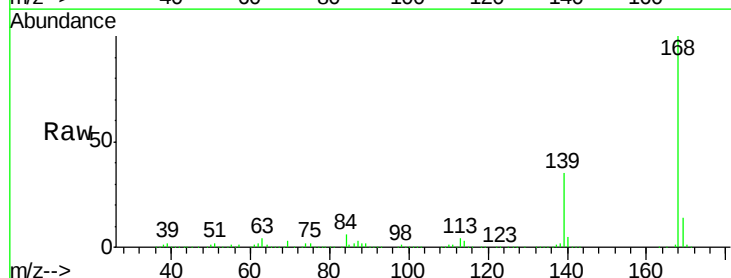
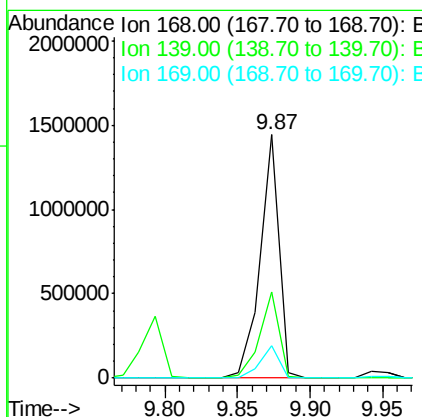
Manual Integrations
APPROVED

SOHIL
9/1/2016 11:53:12 AM



#54
Dibenzofuran
Concen: 32.64 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1303430		
139	35.3	29.5	44.3	
169	13.6	10.8	16.2	





#55

4-Nitrophenol

Concen: 55.08 ng

RT: 9.79 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

ClientSampleId :

TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion:139 Resp: 380362
Ion Ratio Lower Upper

139 100

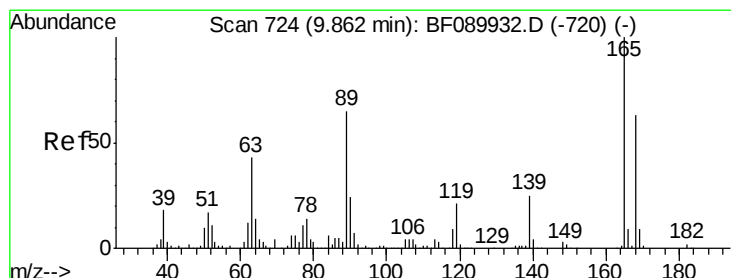
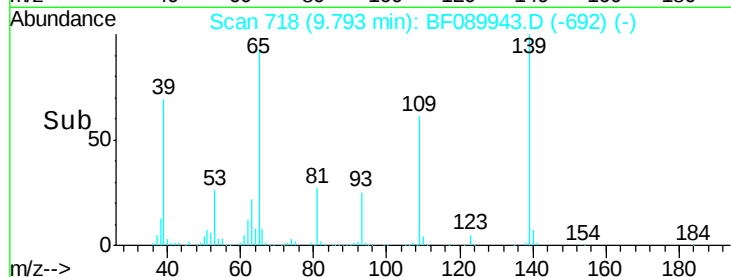
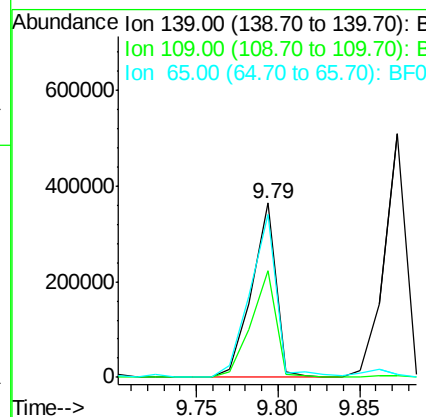
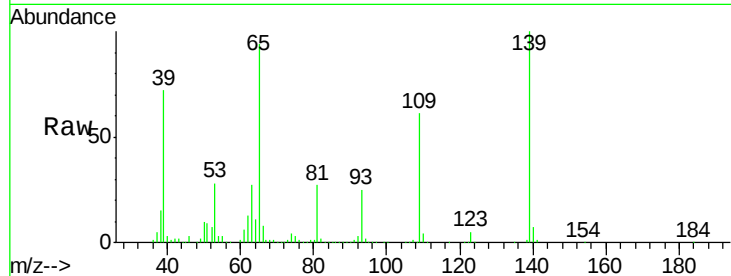
109 61.0 31.3 71.3

65 93.9 38.5 78.5#

Manual Integrations
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SOHIL

9/1/2016 11:53:12 AM



#56

2,4-Dinitrotoluene

Concen: 33.82 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

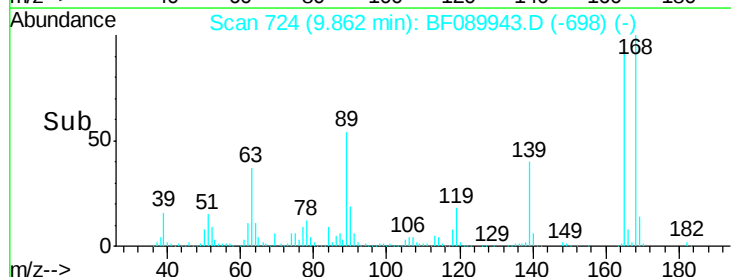
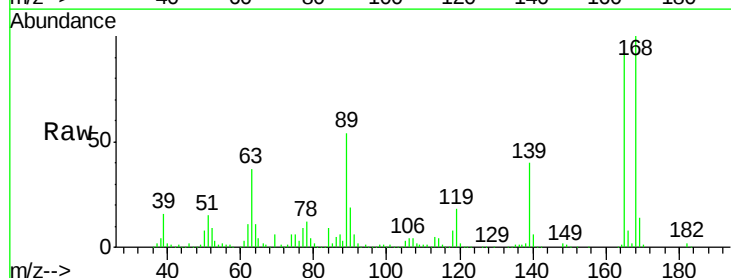
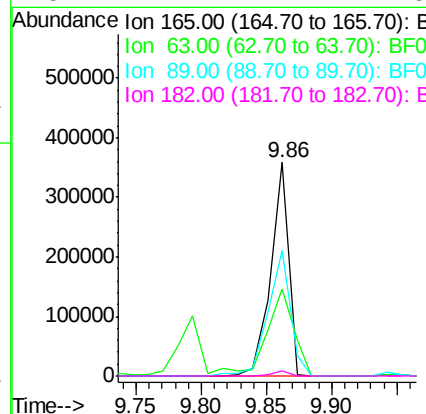
Tgt Ion:165 Resp: 344306
Ion Ratio Lower Upper

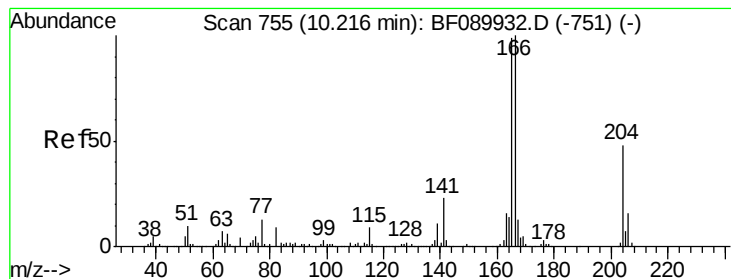
165 100

63 40.7 32.5 48.7

89 58.9 48.3 72.5

182 2.2 1.7 2.5





#57

Fluorene

Concen: 32.45 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

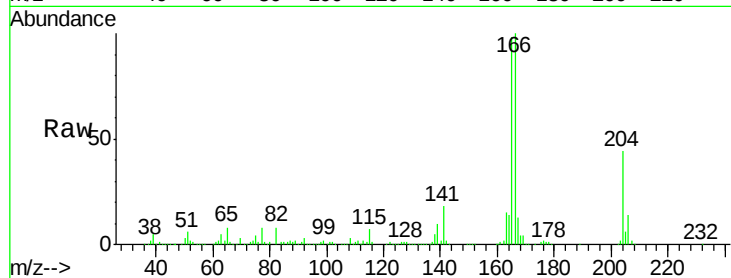
ClientSampleId :

TINTON-FALLS-ONION-FIELD-BPM

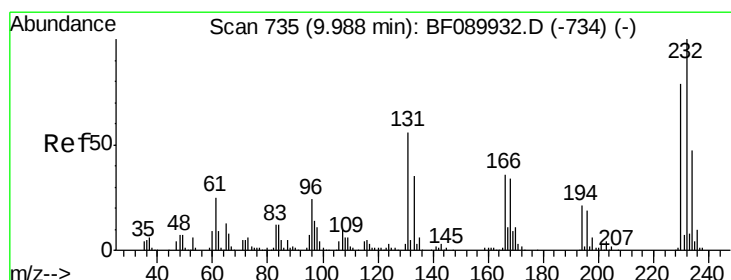
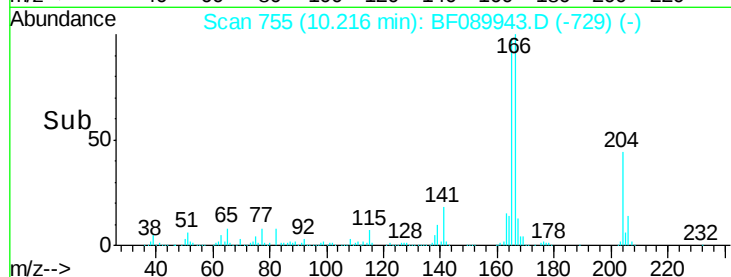
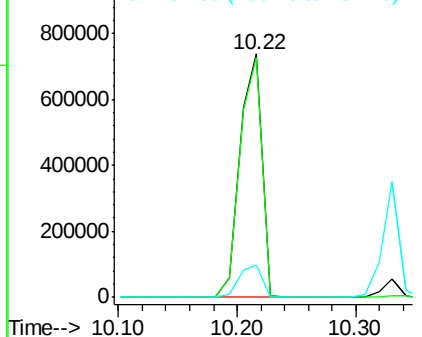
Tgt Ion:	166	Resp:	946824
Ion Ratio	Lower	Upper	
166	100		
165	98.5	78.6	118.0
167	13.2	10.6	15.8

Manual Integrations
APPROVED

SOHIL
9/1/2016 11:53:12 AM



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 30.26 ng

RT: 9.99 min Scan# 735

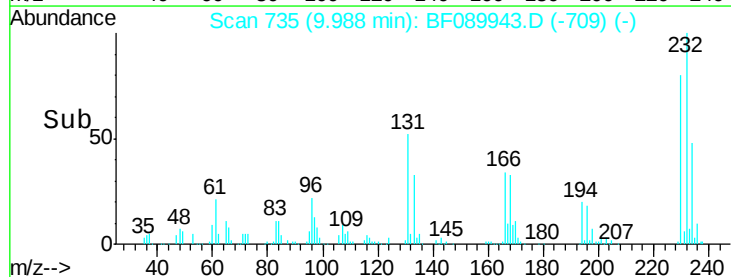
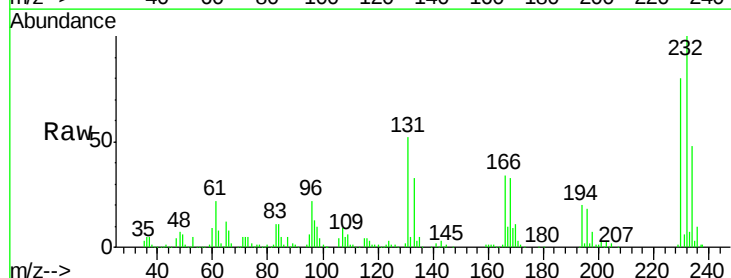
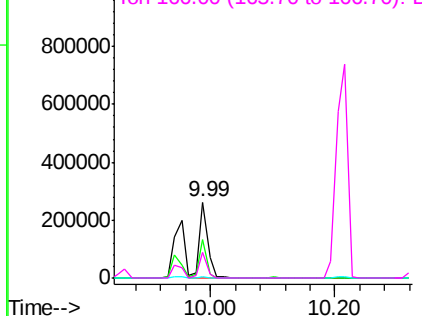
Delta R.T. 0.00 min

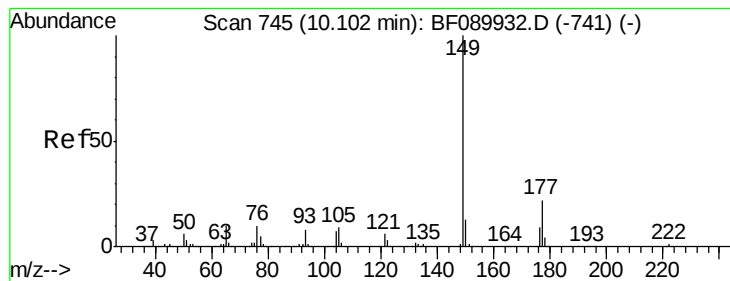
Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Tgt Ion:	232	Resp:	252600
Ion Ratio	Lower	Upper	
232	100		
131	45.5	36.3	54.5
130	2.0	1.7	2.5
166	30.3	24.4	36.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 28.65 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

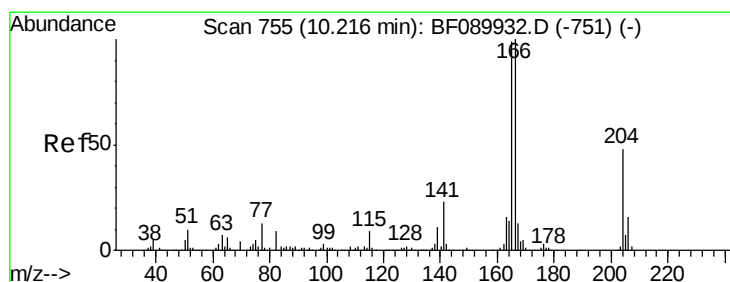
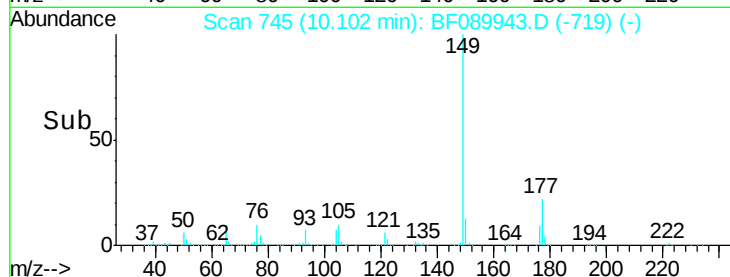
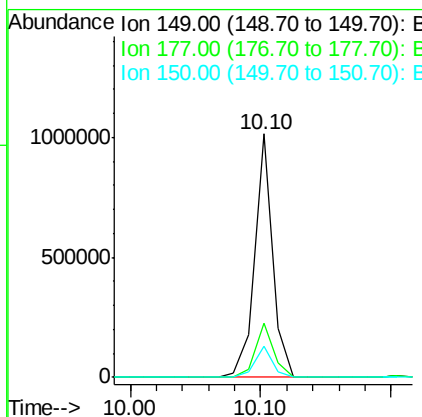
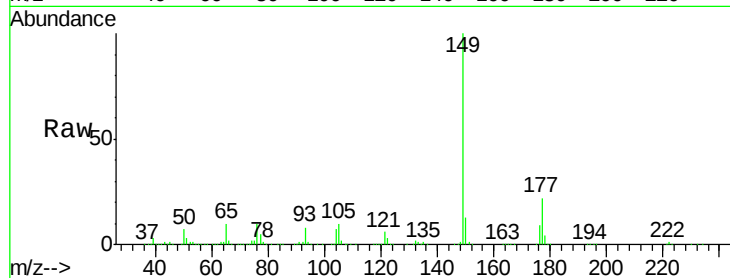
ClientSampleId :

TINTON-FALLS-ONION-FIELD-BPM

Tgt	Ion	149	Resp:	972868
	Ratio	100	Lower	Upper
	149	100		
	177	22.4	17.7	26.5
	150	12.7	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 30.35 ng

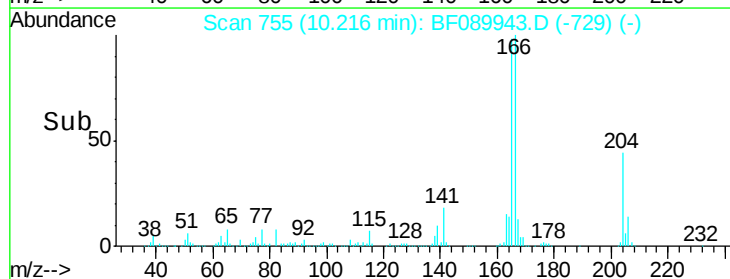
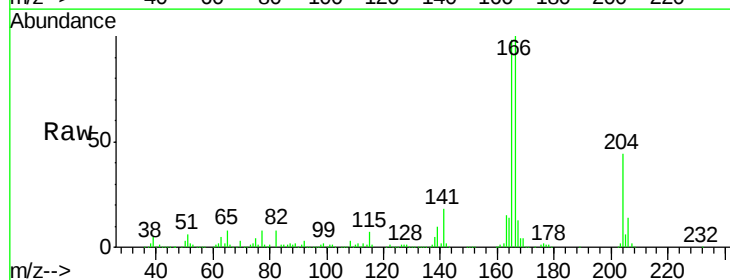
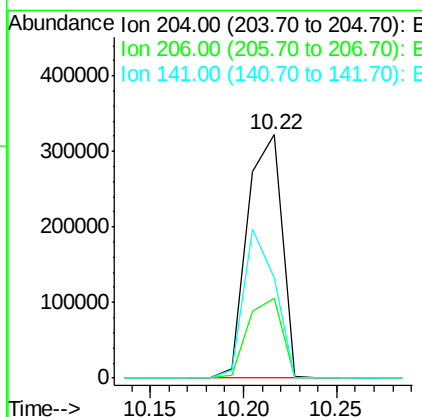
RT: 10.22 min Scan# 755

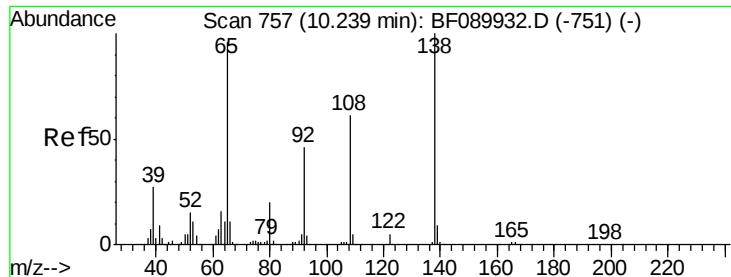
Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Tgt	Ion	204	Resp:	416659
	Ratio	100	Lower	Upper
	204	100		
	206	33.0	26.6	40.0
	141	41.3	36.5	54.7





#61

4-Nitroaniline

Concen: 26.70 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

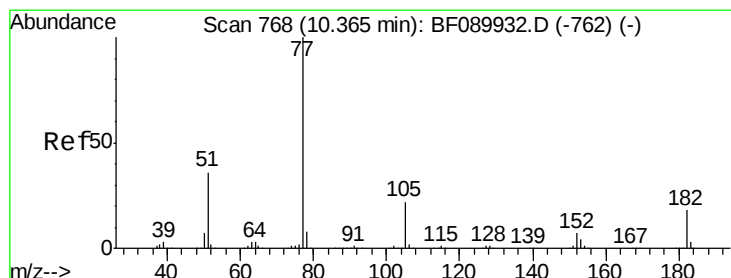
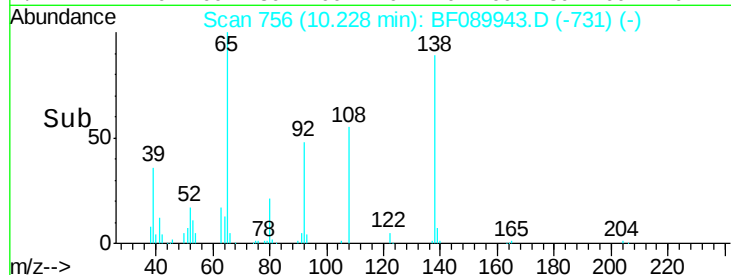
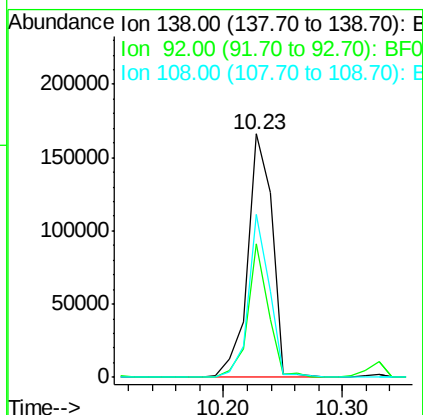
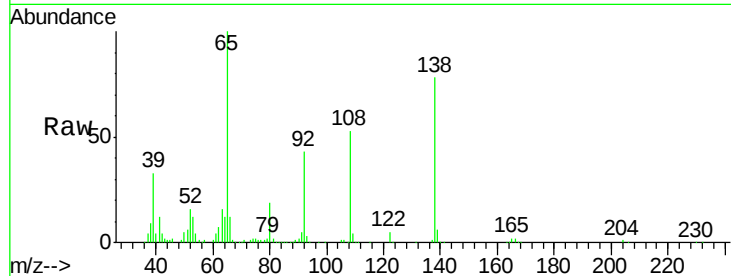
ClientSampleId :

TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion:	138	Resp:	240173
Ion Ratio	Lower	Upper	
138	100		
92	54.7	21.2	61.2
108	67.1	37.7	77.7

Manual Integrations
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9/1/2016 11:53:12 AM



#62

Azobenzene

Concen: 30.91 ng

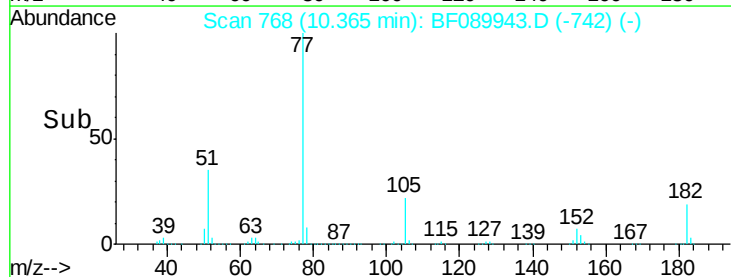
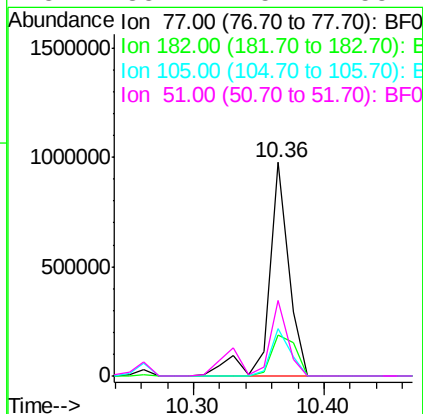
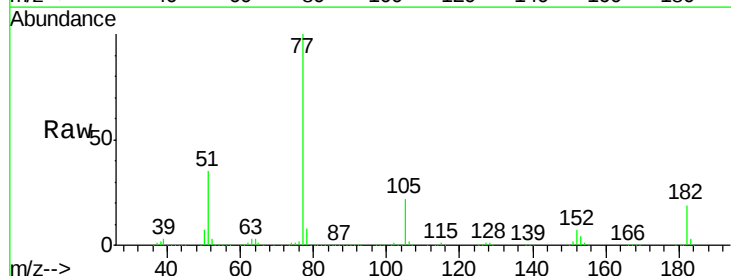
RT: 10.36 min Scan# 768

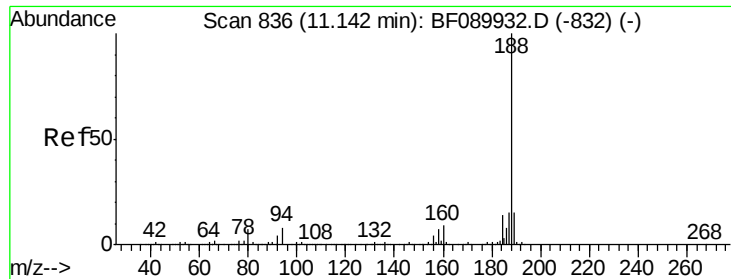
Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Tgt Ion:	77	Resp:	1048321
Ion Ratio	Lower	Upper	
77	100		
182	19.3	0.0	38.6
105	22.2	2.3	42.3
51	35.2	15.1	55.1





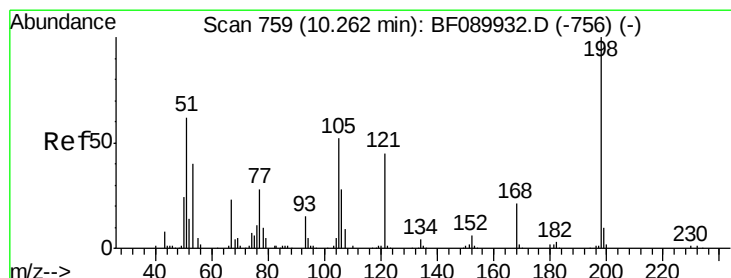
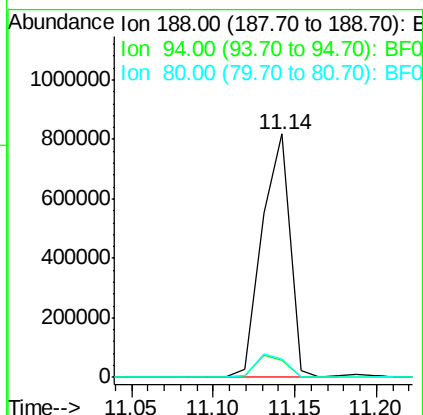
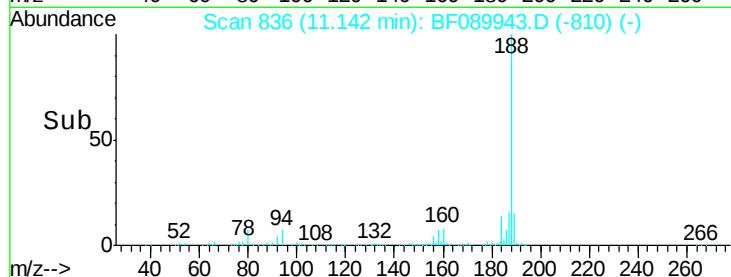
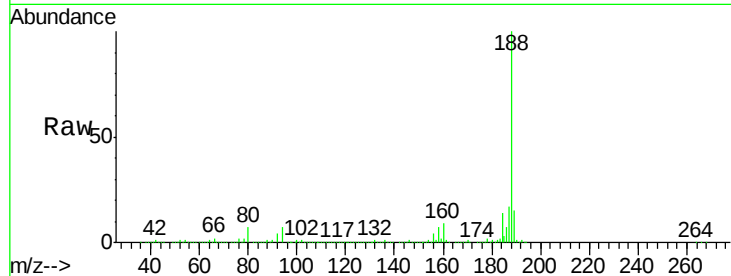
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Instrument :
BNA_F
ClientSampleId :
TINTON-FALLS-ONION-FIELD-BPM

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

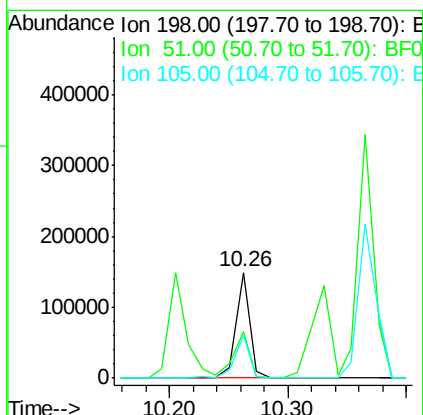
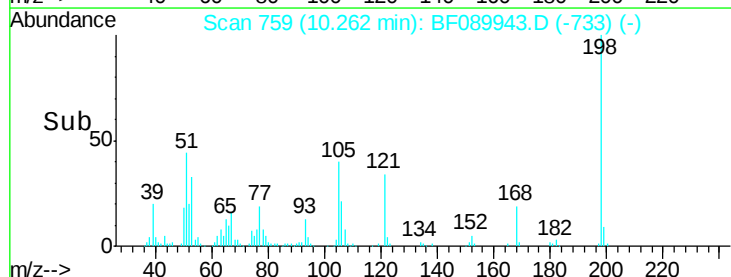
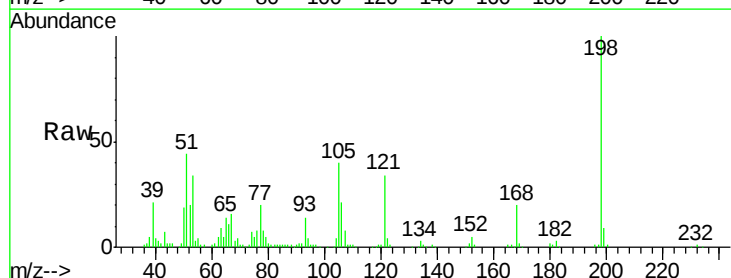
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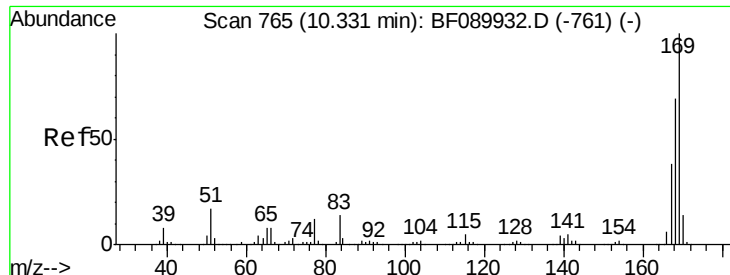
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#64
4,6-Dinitro-2-methylphenol
Concen: 19.26 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	44.3	43.0	83.0
105	40.1	30.3	70.3





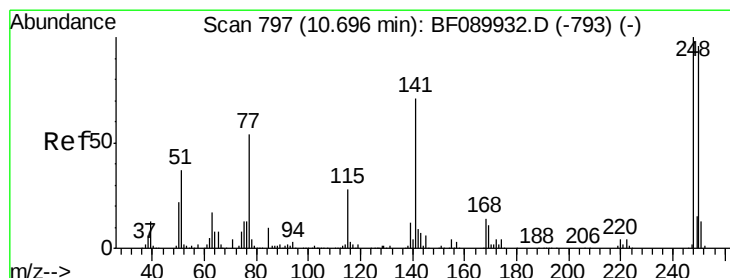
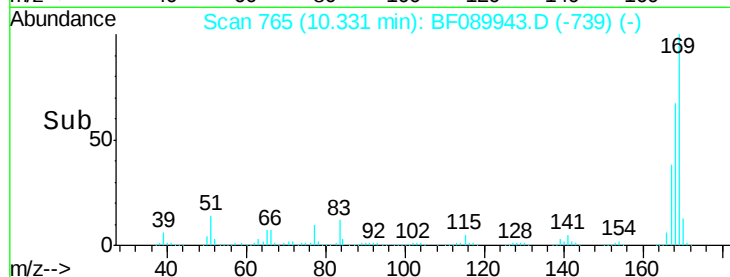
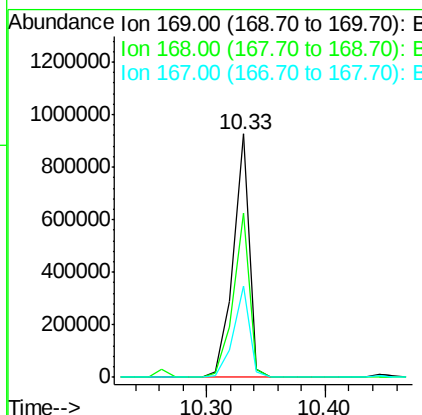
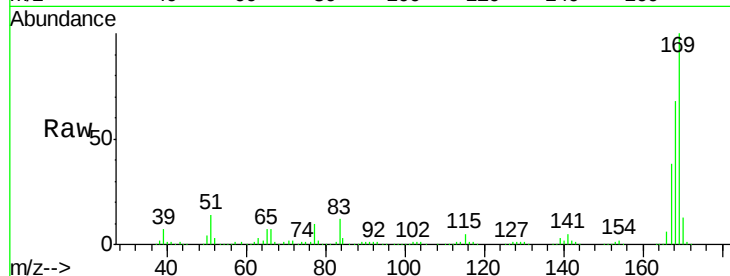
#65
 n-Nitrosodiphenylamine
 Concen: 29.68 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :
 TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	874835		
168	67.5	55.0	82.4	
167	37.7	30.5	45.7	

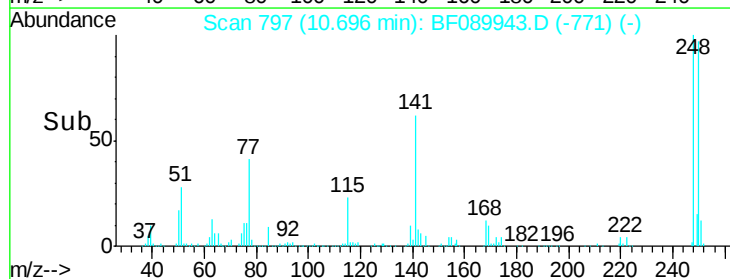
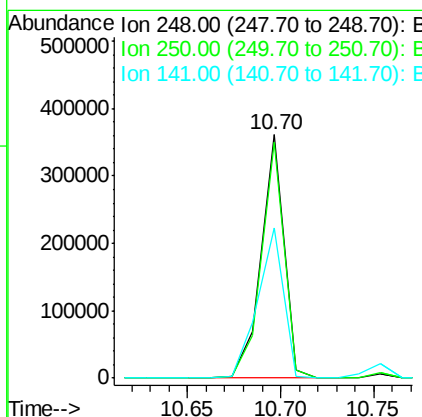
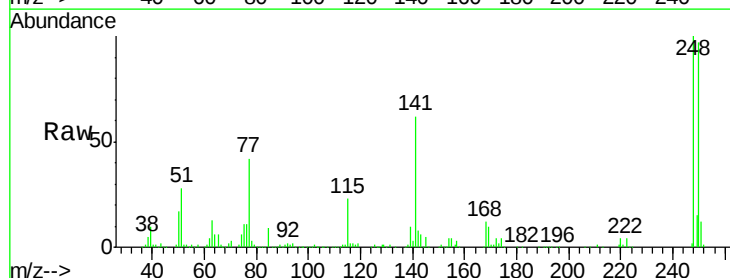
Manual Integrations
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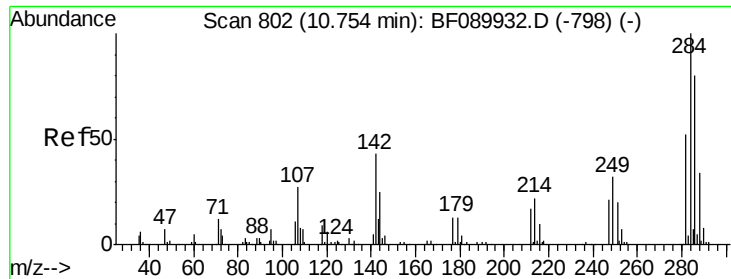
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 9/1/2016 11:53:12 AM



#66
 4-Bromophenyl-phenylether
 Concen: 30.91 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	305084		
250	96.9	77.3	115.9	
141	61.7	55.8	83.8	





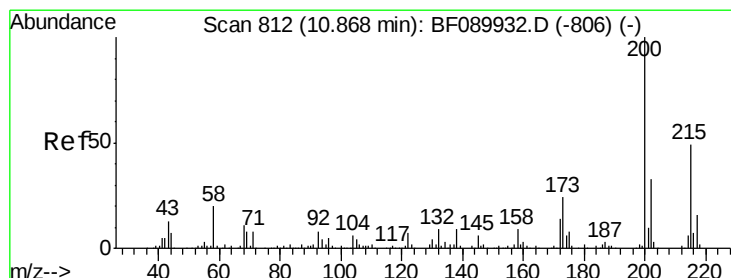
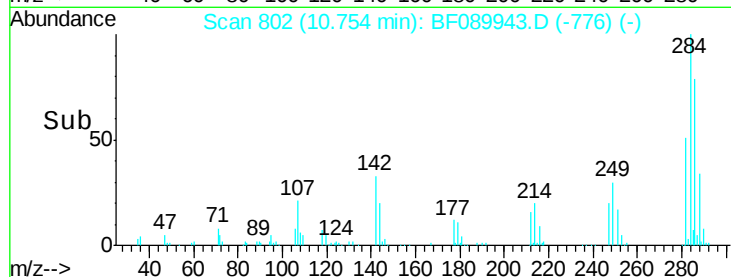
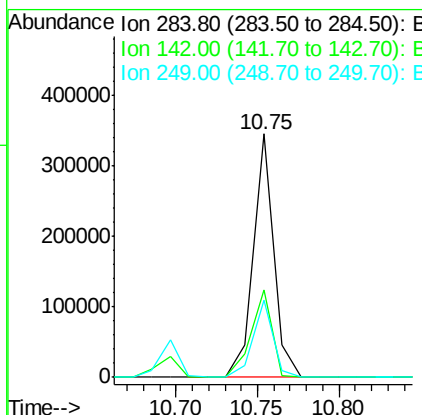
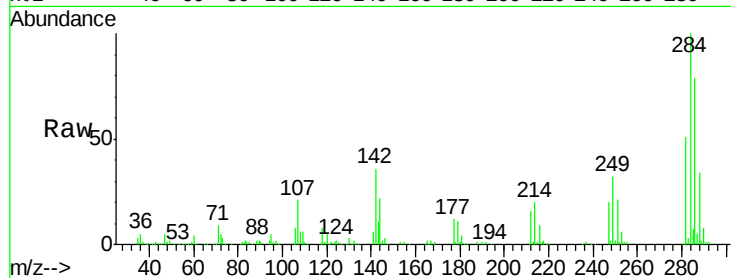
#67
Hexachlorobenzene
Concen: 26.61 ng
RT: 10.75 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Instrument :
BNA_F
ClientSampleId :
TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	36.2	32.7	49.1
249	31.8	26.9	40.3

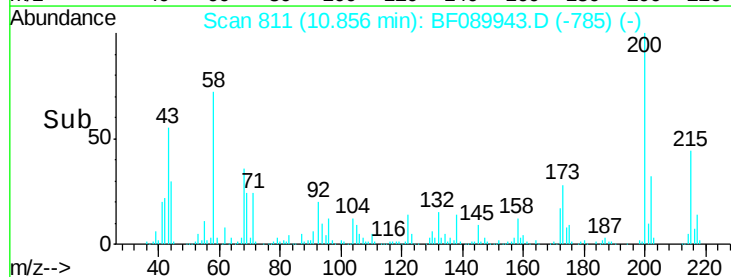
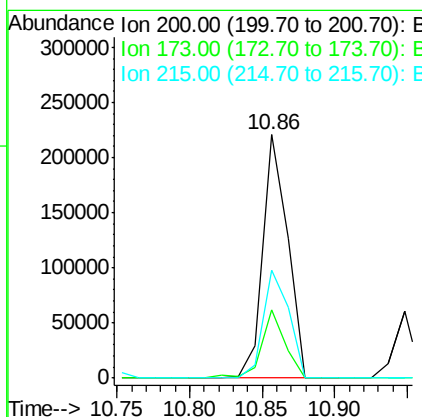
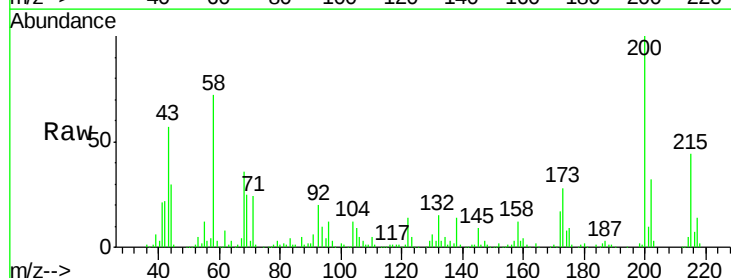
Manual Integrations
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#68
Atrazine
Concen: 26.47 ng
RT: 10.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.1	9.4	49.4
215	44.3	24.5	64.5





#69

Pentachlorophenol

Concen: 46.11 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

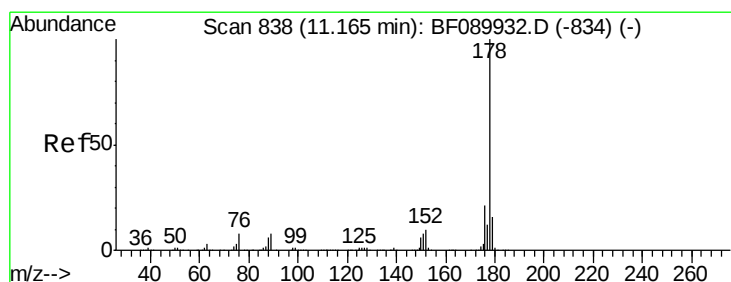
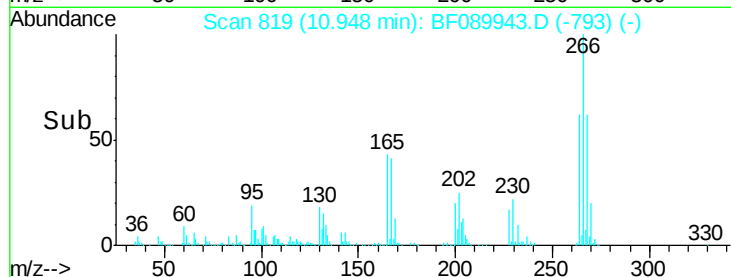
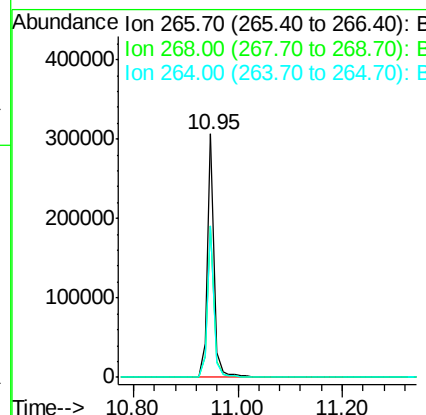
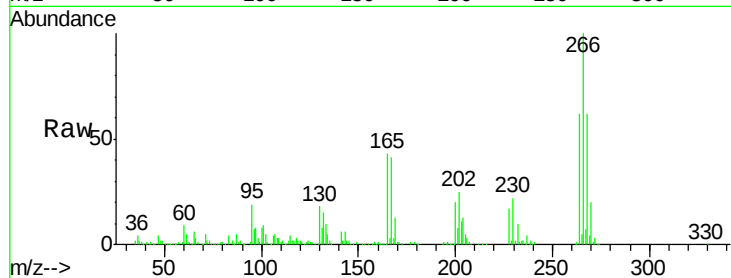
ClientSampleId :

TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion:	266	Resp:	279617
Ion Ratio		Lower	Upper
266	100		
268	62.2	51.0	76.6
264	62.2	50.6	75.8

Manual Integrations
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9/1/2016 11:53:12 AM



#70

Phenanthrene

Concen: 30.32 ng

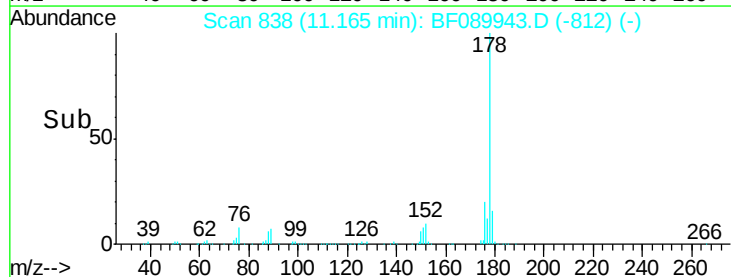
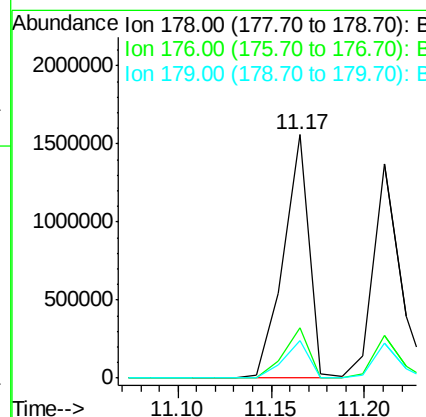
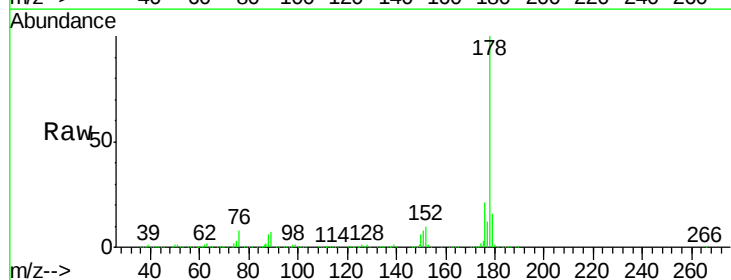
RT: 11.17 min Scan# 838

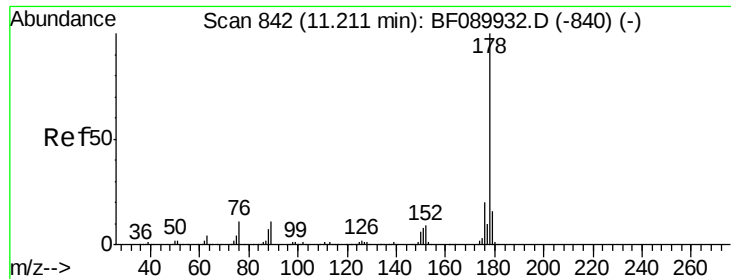
Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Tgt Ion:	178	Resp:	1480343
Ion Ratio		Lower	Upper
178	100		
176	20.5	16.5	24.7
179	15.7	12.8	19.2





#71

Anthracene

Concen: 26.81 ng

RT: 11.21 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

ClientSampleId :

TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion:178 Resp: 1327354

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

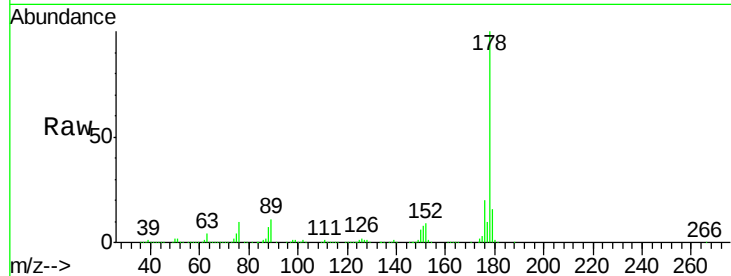
179 16.2 13.0 19.4

Manual Integrations

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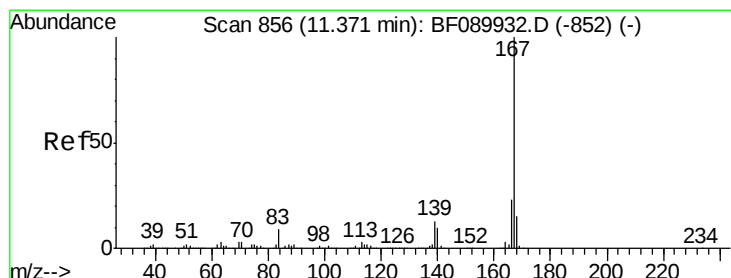
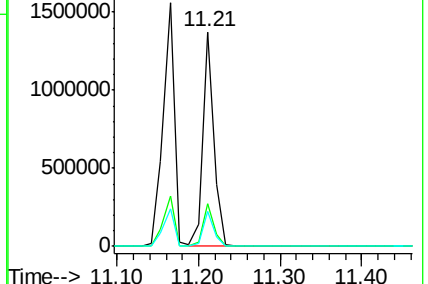
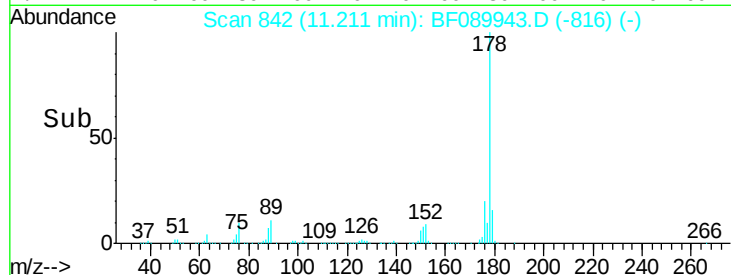
9/1/2016 11:53:12 AM



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: 29.89 ng

RT: 11.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

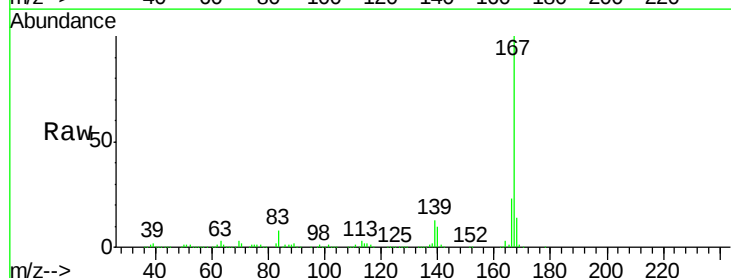
Tgt Ion:167 Resp: 1387651

Ion Ratio Lower Upper

167 100

166 22.6 18.1 27.1

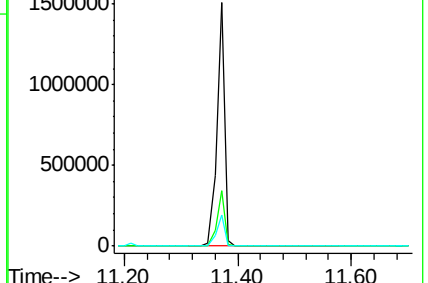
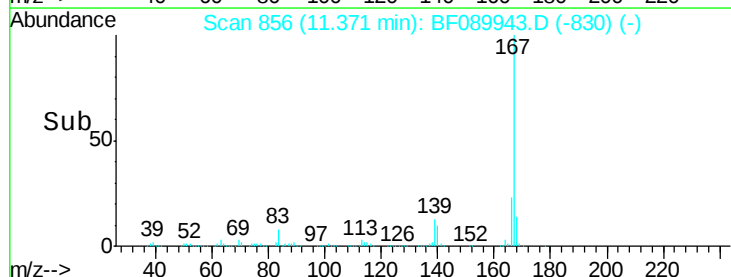
139 12.9 10.4 15.6

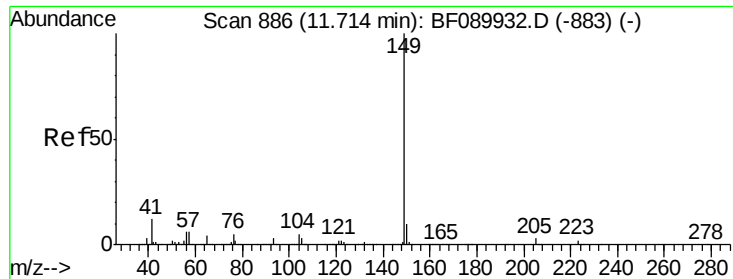


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 28.61 ng

RT: 11.71 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

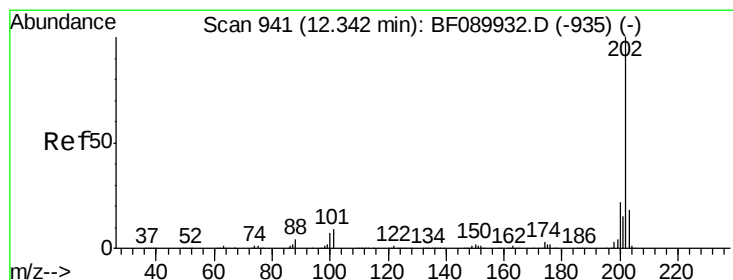
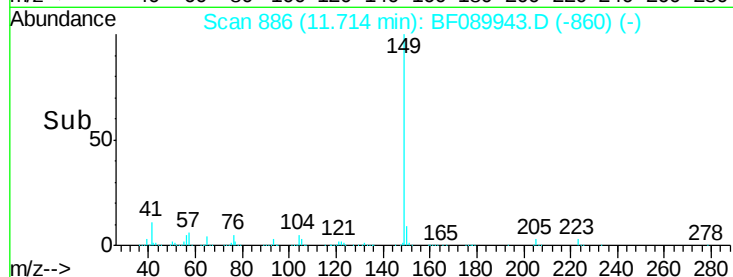
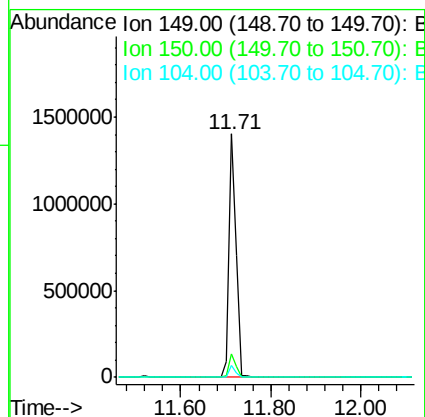
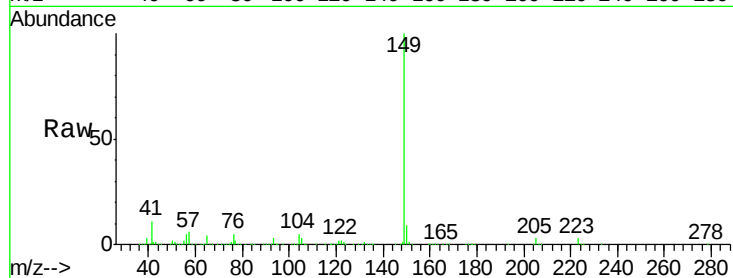
ClientSampleId :

TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion:	149	Resp:	1548006
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.8
104	4.9	3.9	5.9

Manual Integrations
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9/1/2016 11:53:12 AM



#74

Fluoranthene

Concen: 29.46 ng

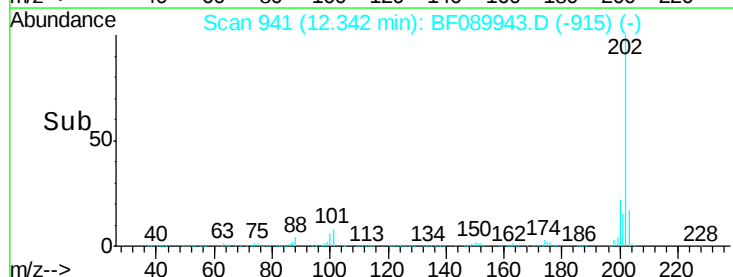
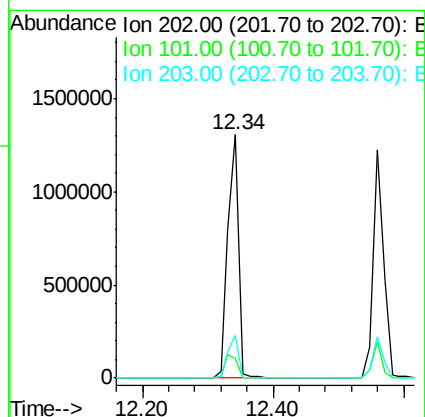
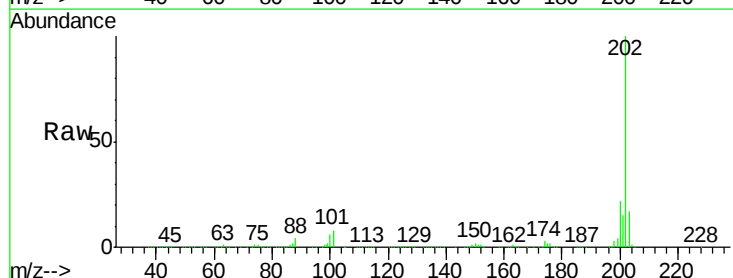
RT: 12.34 min Scan# 941

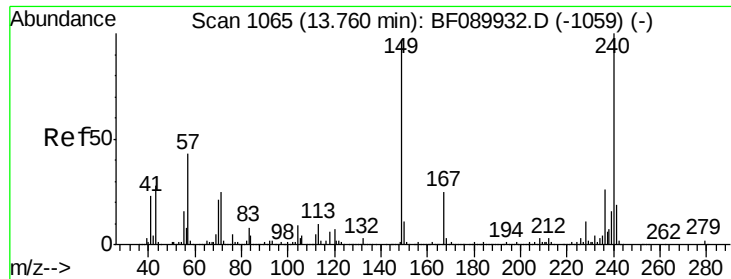
Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Tgt Ion:	202	Resp:	1507269
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	28.5
203	17.4	0.0	38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

ClientSampleId :

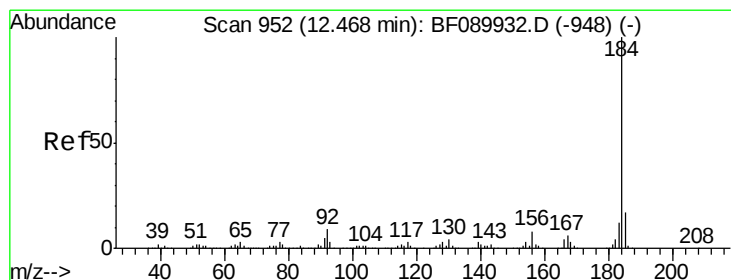
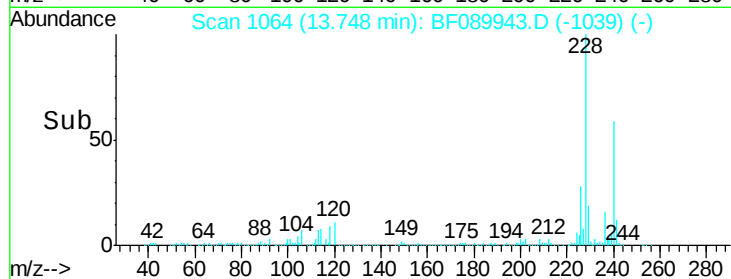
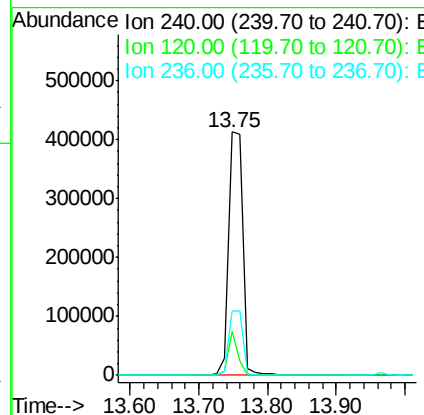
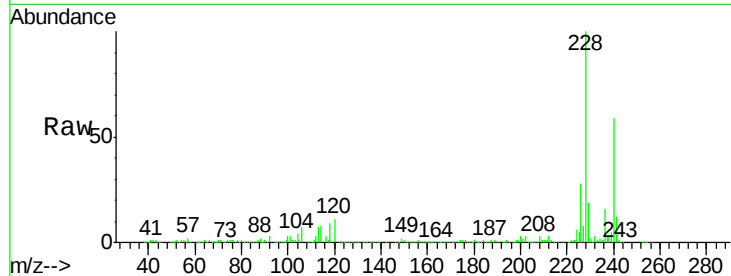
TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion	Ratio	Lower	Upper
240	100		
120	18.2	5.7	8.5#
236	26.4	21.3	31.9

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#76

Benzidine

Concen: 16.57 ng

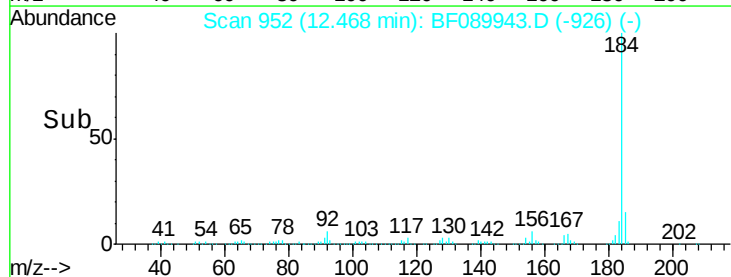
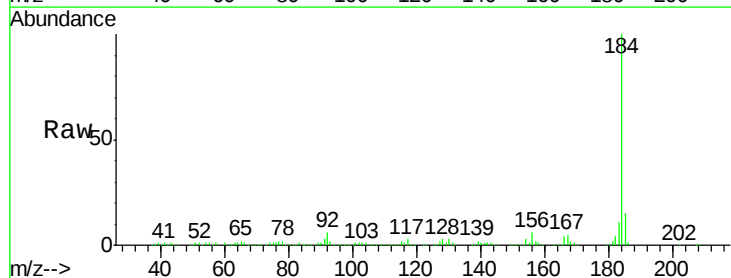
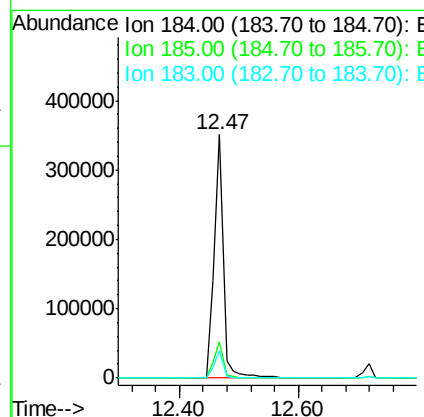
RT: 12.47 min Scan# 952

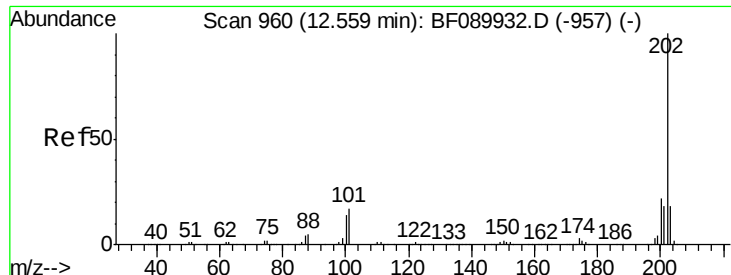
Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	13.8	20.8
183	11.3	9.6	14.4





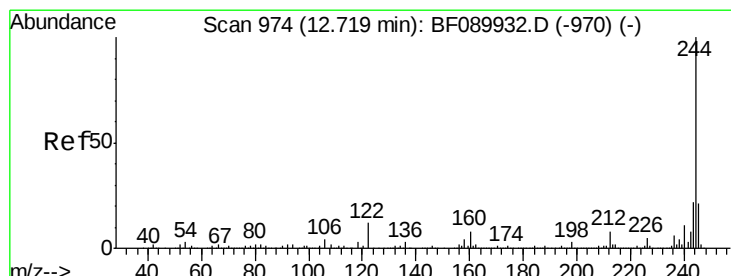
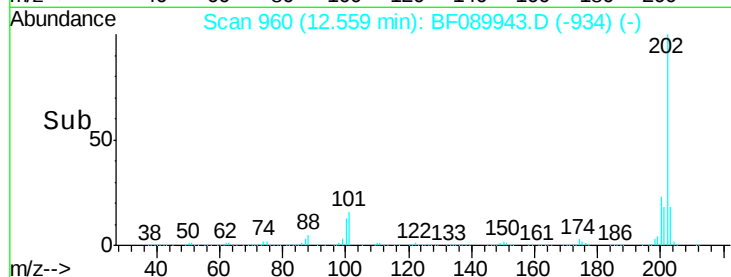
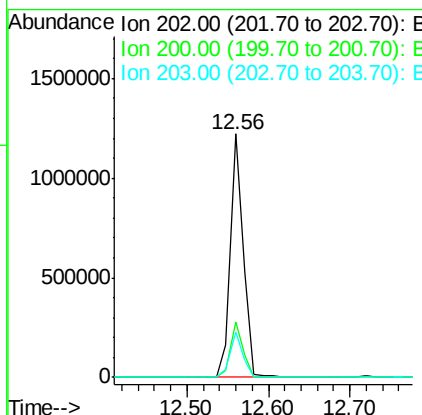
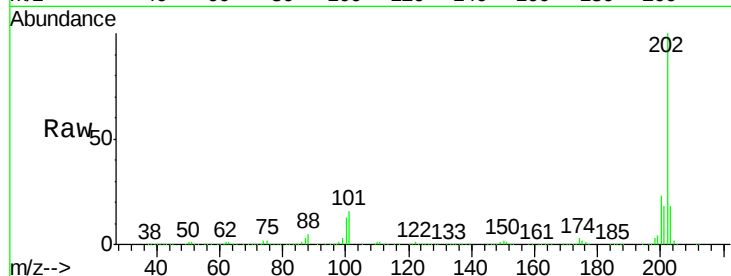
#77
 Pyrene
 Concen: 31.35 ng
 RT: 12.56 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :
 TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.6	26.4
203	18.3	14.6	21.8

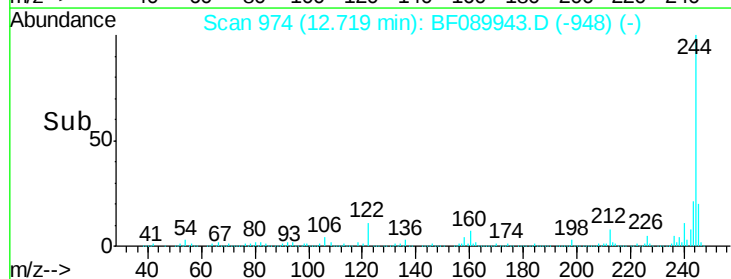
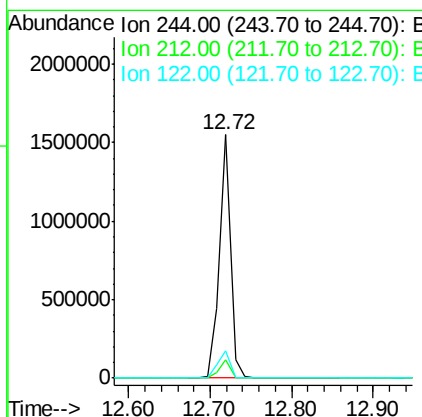
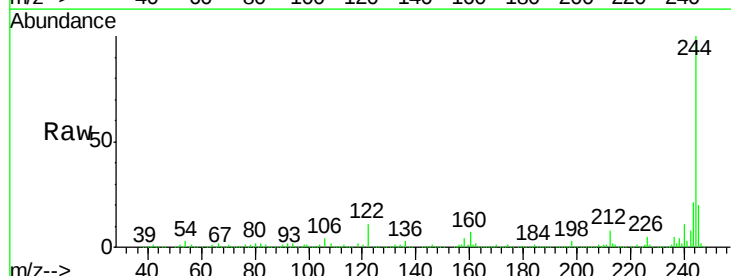
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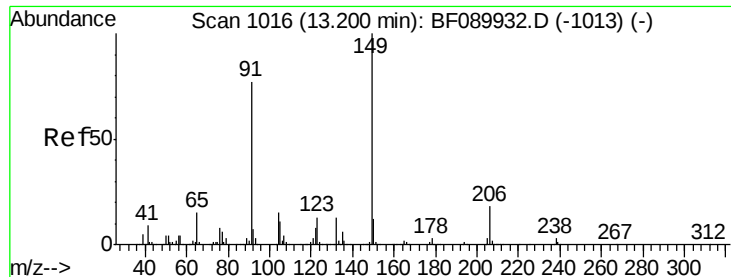
SOHIL
 9/1/2016 11:53:12 AM



#78
 Terphenyl-d14
 Concen: 60.14 ng
 RT: 12.72 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	11.4	9.6	14.4





#79

Butylbenzylphthalate

Concen: 33.32 ng

RT: 13.20 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

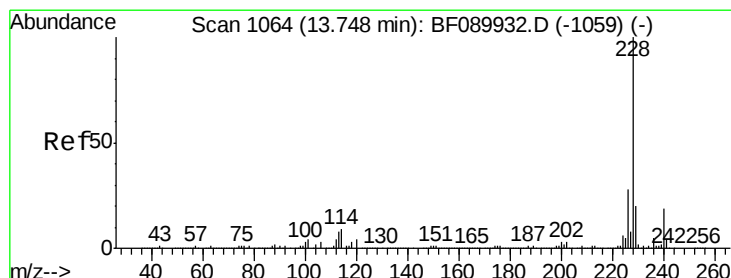
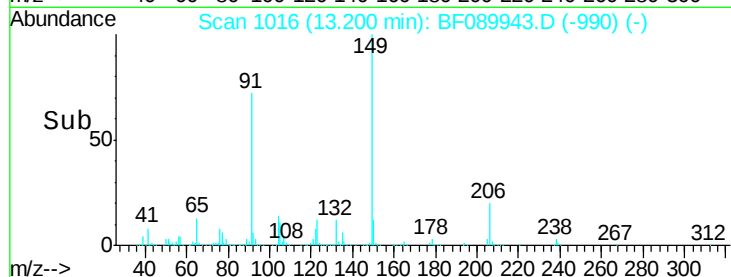
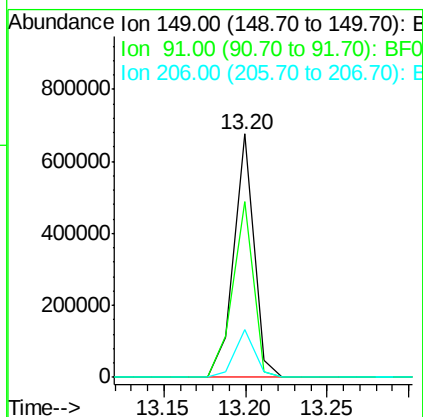
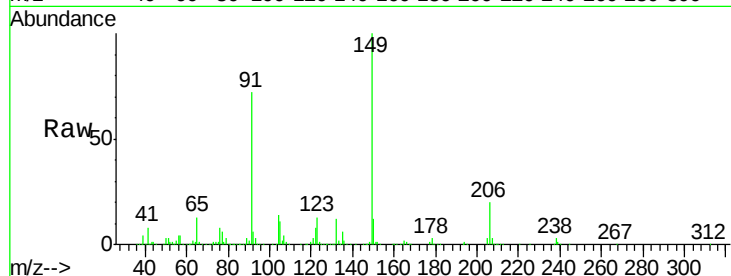
ClientSampleId :

TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion:	149	Resp:	574570
Ion Ratio	Lower	Upper	
149	100		
91	72.2	60.0	90.0
206	19.6	15.1	22.7

Manual Integrations
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SOHIL
9/1/2016 11:53:12 AM



#80

Benzo(a)anthracene

Concen: 29.78 ng

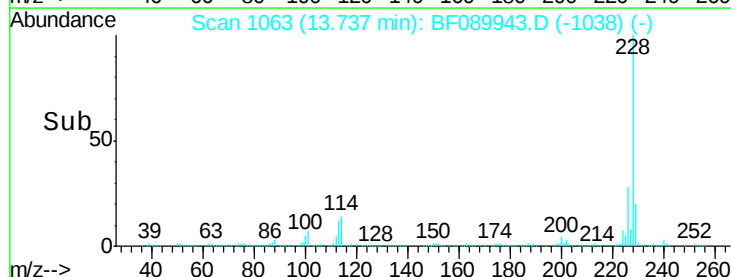
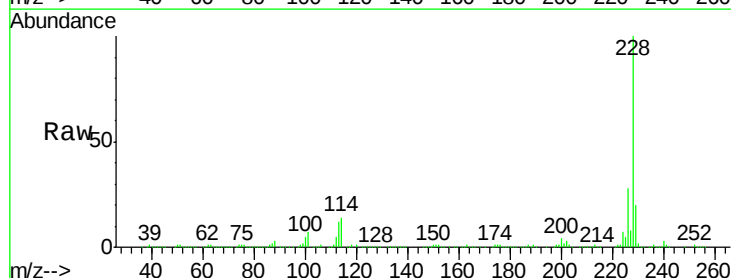
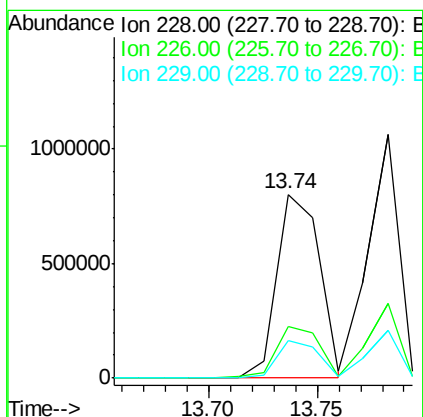
RT: 13.74 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Tgt Ion:	228	Resp:	1106123
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.2	33.2
229	20.1	15.8	23.6





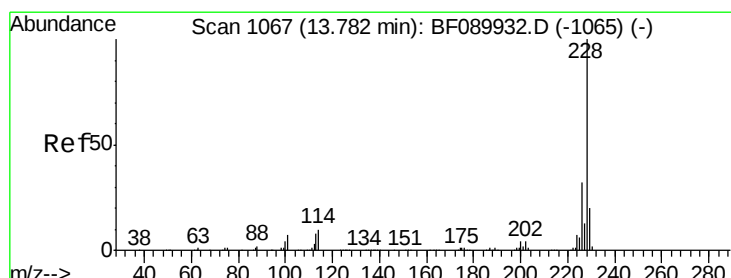
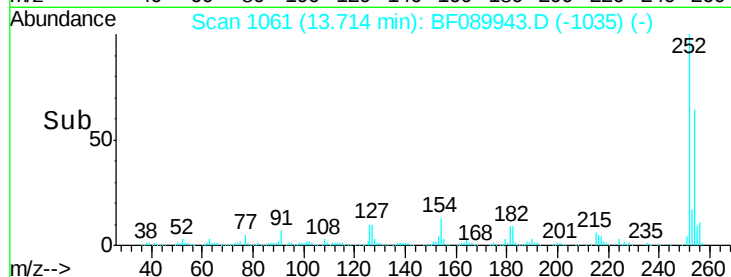
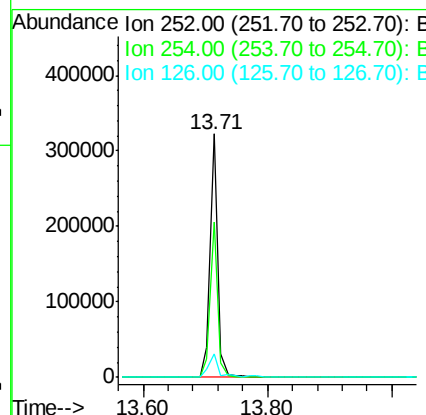
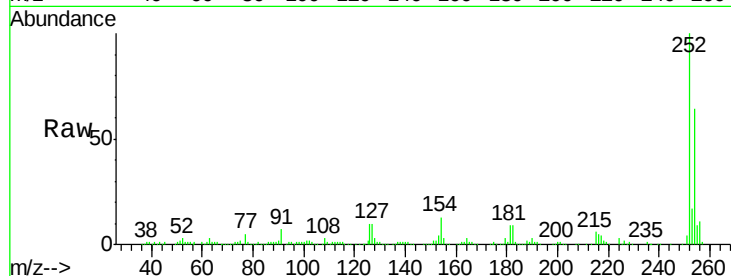
#81
 3,3'-Dichlorobenzidine
 Concen: 20.84 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :
 TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	279318		
254	63.7	51.3	76.9	
126	9.7	12.3	18.5	

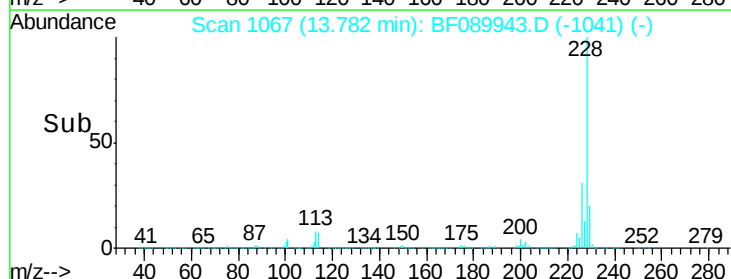
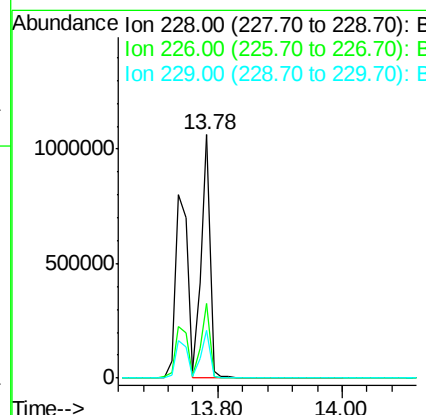
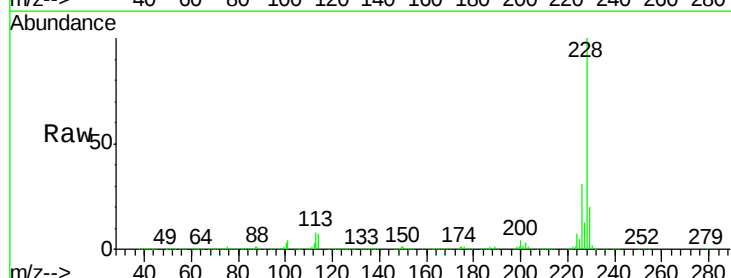
Manual Integrations
 APPROVED

SOHIL
 9/1/2016 11:53:12 AM



#82
 Chrysene
 Concen: 30.61 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1062041		
226	30.6	25.2	37.8	
229	19.6	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 31.55 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

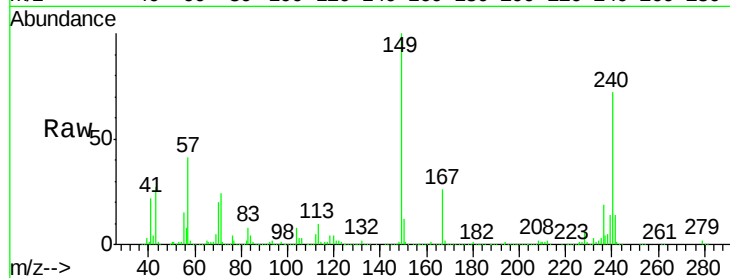
ClientSampleId :

TINTON-FALLS-ONION-FIELD-BPM

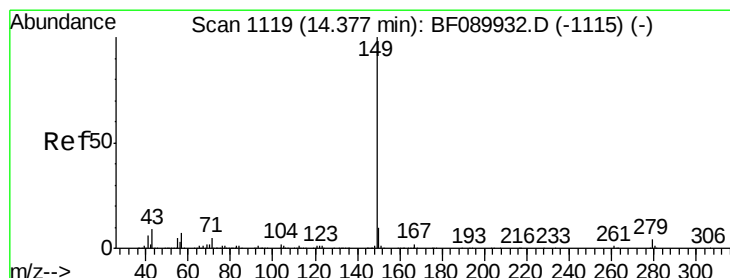
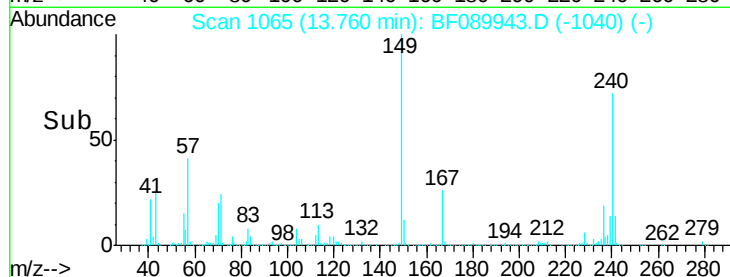
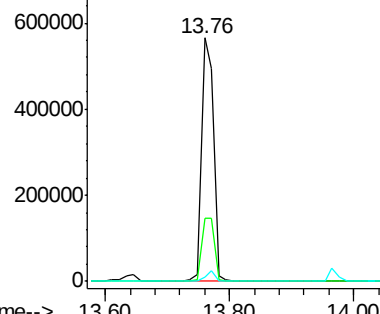
Tgt Ion:	149	Resp:	752414
Ion Ratio	Lower	Upper	
149	100		
167	26.0	23.6	35.4
279	1.8	3.4	5.2#

Manual Integrations
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SOHIL
9/1/2016 11:53:12 AM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 30.22 ng

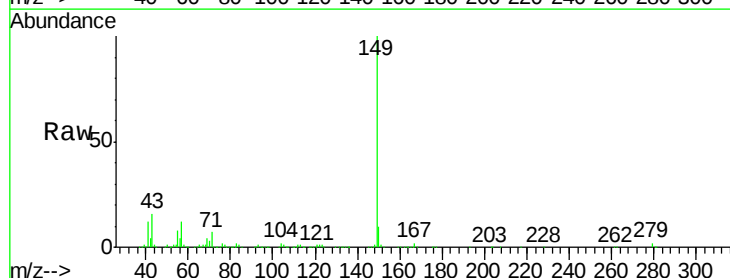
RT: 14.37 min Scan# 1118

Delta R.T. -0.01 min

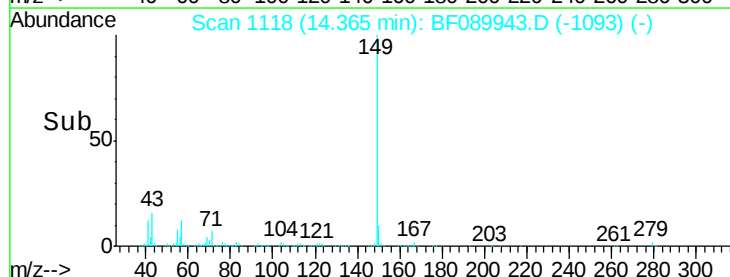
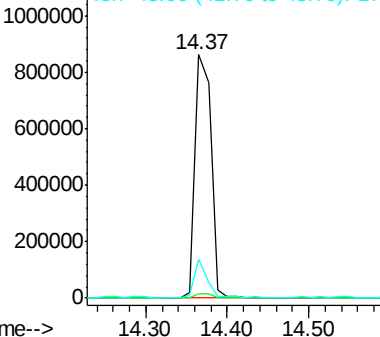
Lab File: BF089943.D

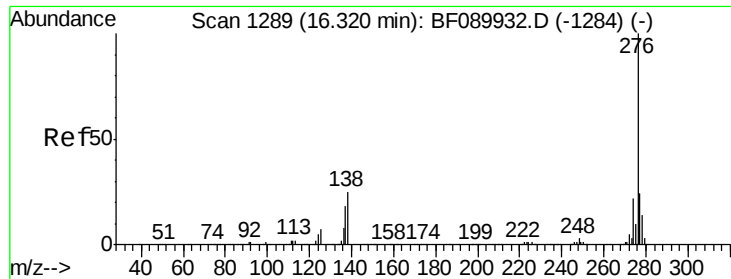
Acq: 31 Aug 2016 11:51

Tgt Ion:	149	Resp:	1163306
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	11.7	9.3	13.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





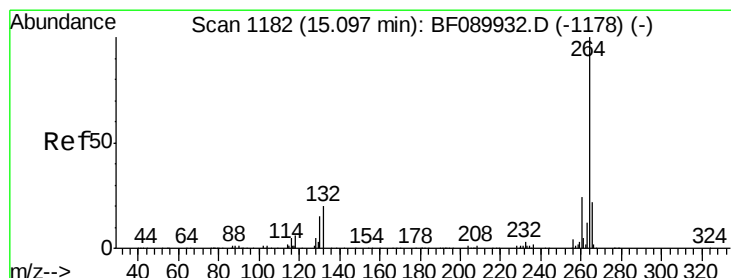
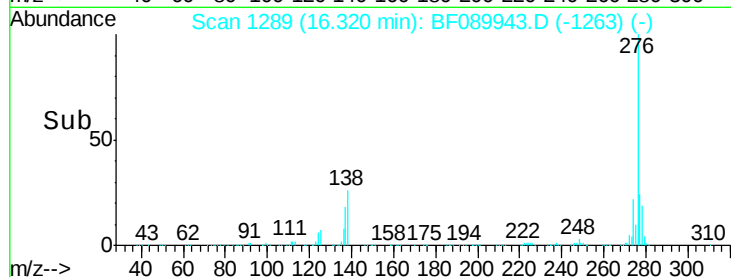
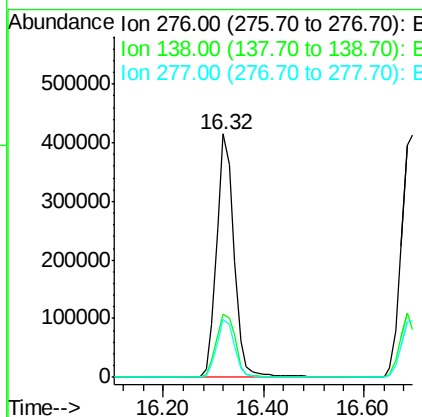
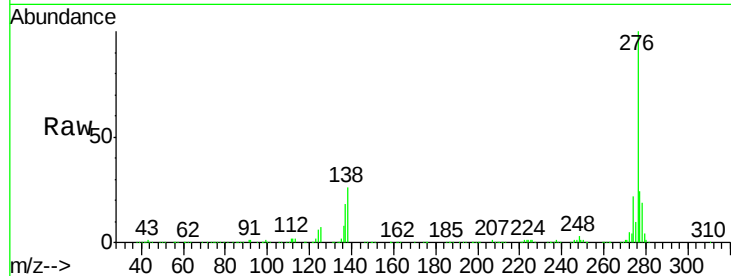
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.23 ng
RT: 16.32 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Instrument :
BNA_F
ClientSampleId :
TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.1	22.6	34.0
277	24.9	20.1	30.1

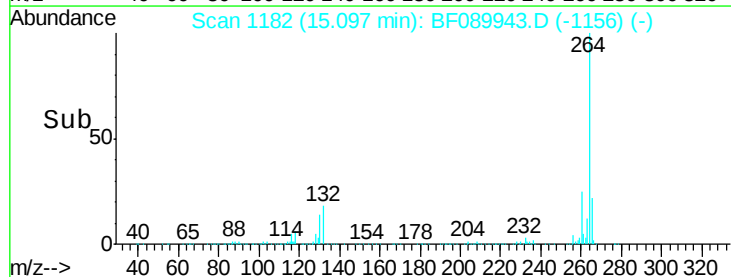
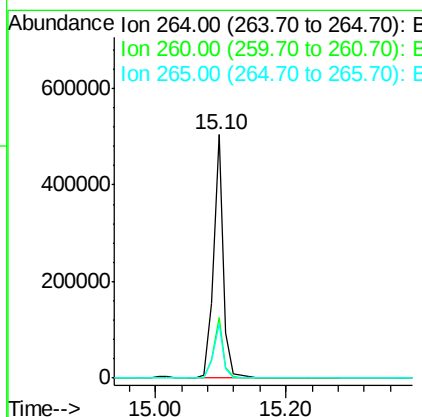
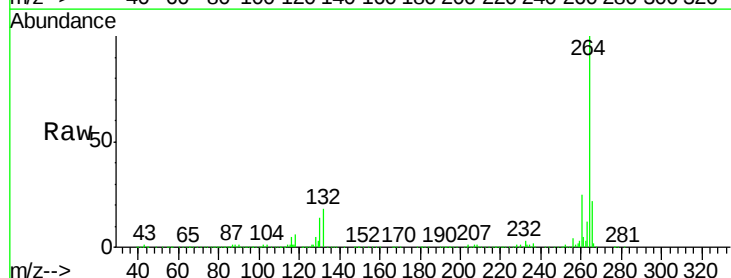
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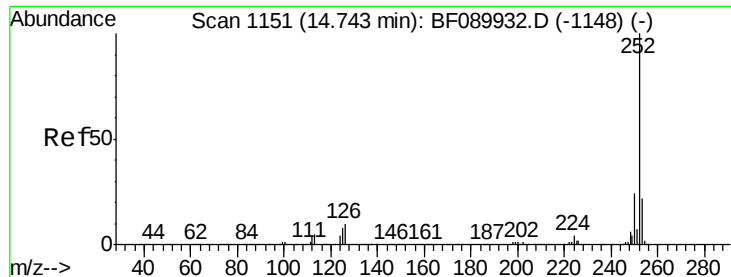
SOHIL
9/1/2016 11:53:12 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.0
265	22.1	17.4	26.2





#87

Benzo(b)fluoranthene

Concen: 25.25 ng m

RT: 14.73 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

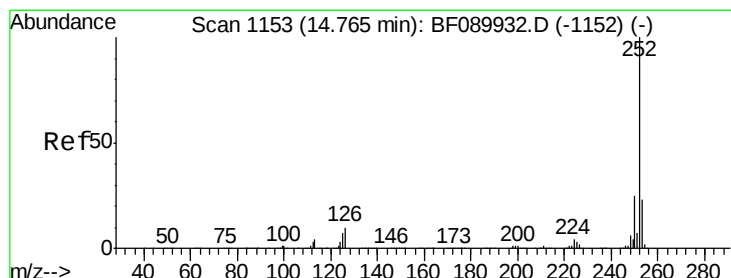
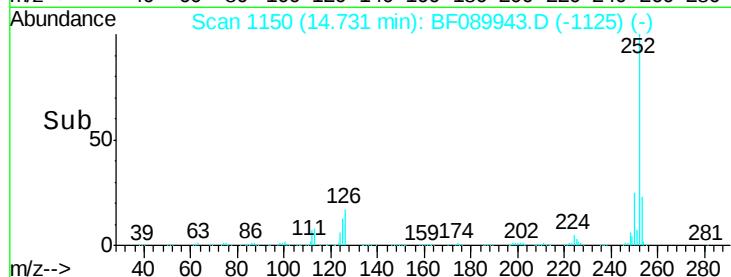
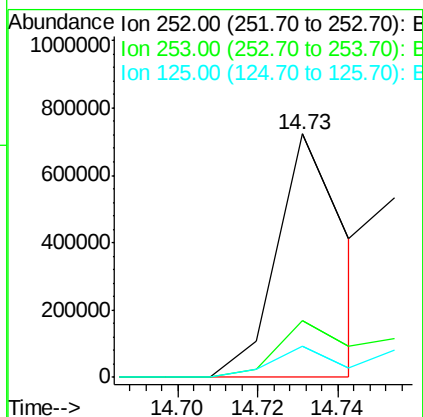
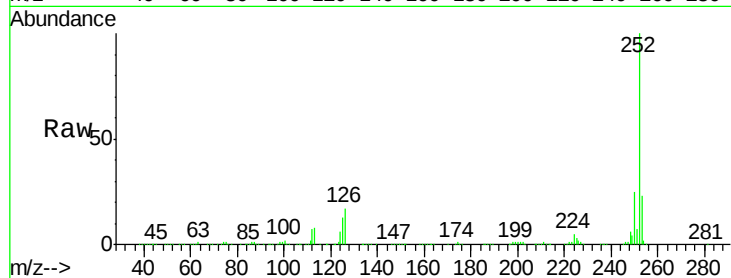
ClientSampleId :

TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion:	252	Resp:	853688
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.0	27.0
125	12.6	5.7	8.5#

Manual Integrations
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SOHIL
9/1/2016 11:53:12 AM



#88

Benzo(k)fluoranthene

Concen: 31.93 ng m

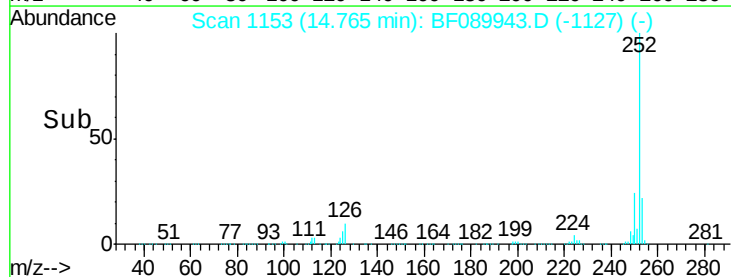
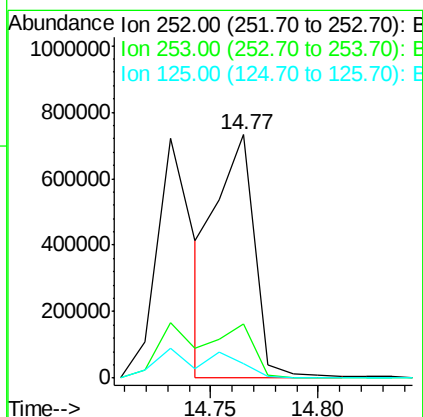
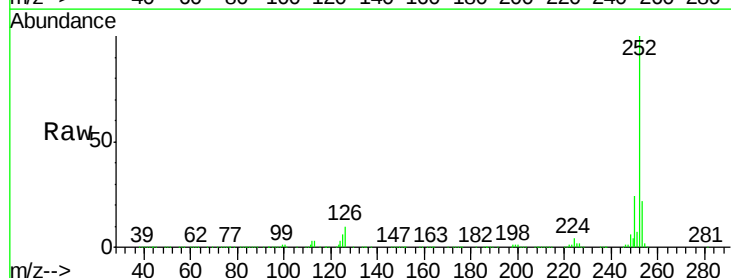
RT: 14.77 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Tgt Ion:	252	Resp:	915955
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.8
125	6.2	7.3	10.9#





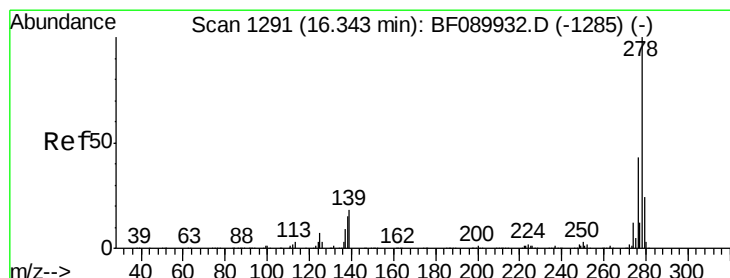
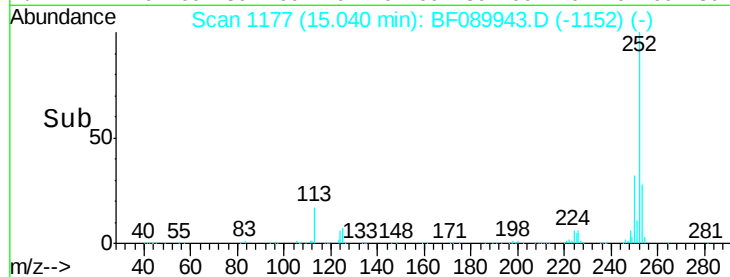
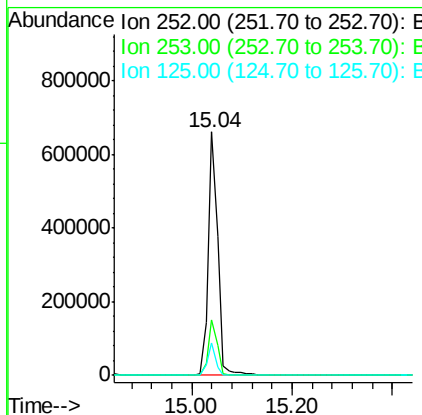
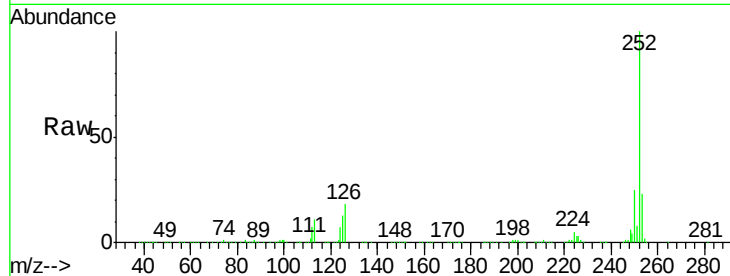
#89
Benzo(a)pyrene
Concen: 29.68 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Instrument :
BNA_F
ClientSampleId :
TINTON-FALLS-ONION-FIELD-BPM

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	859592		
253	22.7	17.5	26.3	
125	13.5	6.3	9.5	

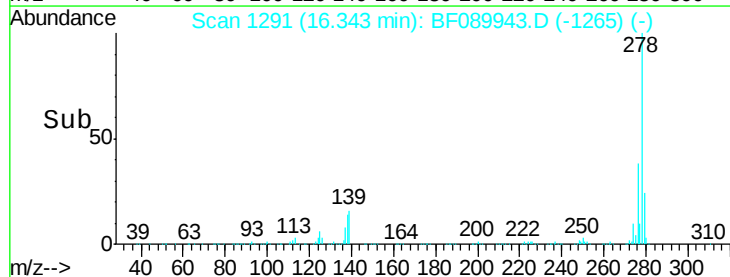
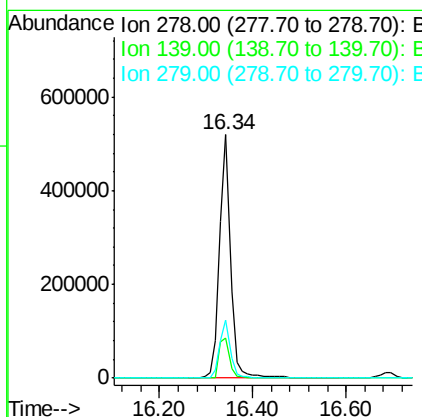
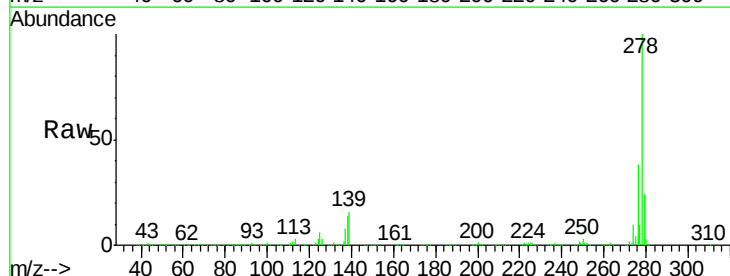
Manual Integrations
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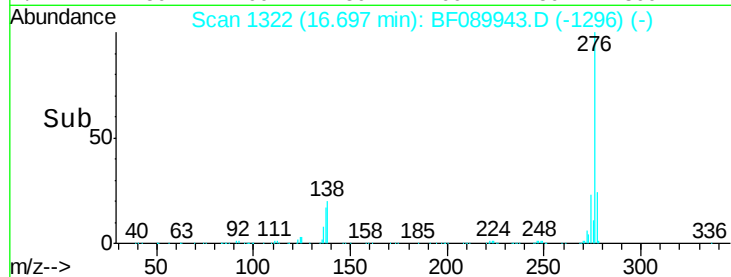
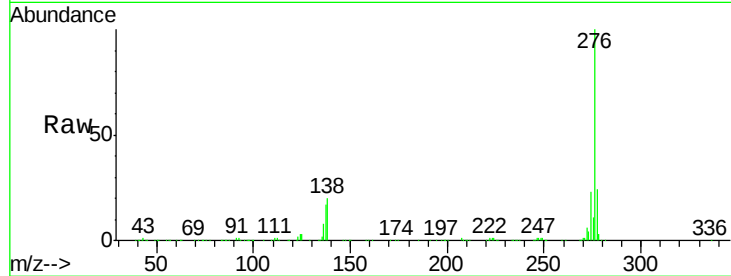
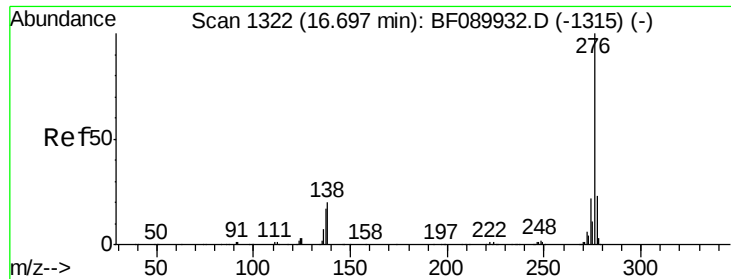
SOHIL
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#90
Dibenzo(a,h)anthracene
Concen: 39.84 ng
RT: 16.34 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	845487		
139	16.3	13.4	20.2	
279	23.9	19.4	29.2	





#91
 Benzo(g,h,i)perylene
 Concen: 40.98 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Tgt Ion:	276	Resp:	875391
Ion Ratio		Lower	Upper
276	100		
277	23.6	19.0	28.4
138	19.8	16.4	24.6

Instrument :
 BNA_F
 ClientSampleId :
 TINTON-FALLS-ONION-FIELD-BPM

Manual Integrations
 APPROVED

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