

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
 Data File : BF088738.D
 Acq On : 6 Jul 2016 17:06
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations

APPROVED
 SOHIL
 7/7/2016 1:55:44 AM

Quant Time: Jul 06 18:14:03 2016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jul 06 16:39:34 2016

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	89799	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	365975	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	174600	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	350784	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	262889	20.00	ng	-0.01
86) Perylene-d12	15.27	264	248176	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	439162	73.29	ng	-0.01
7) Phenol-d6	6.39	99	561154	72.48	ng	-0.01
23) Nitrobenzene-d5	7.32	82	601845	86.18	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	147890	91.21	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	1060367	95.93	ng	0.00
78) Terphenyl-d14	12.85	244	896456	75.95	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	104156	35.06	ng	# 39
3) Pyridine	2.95	79	301172	34.94	ng	91
4) n-Nitrosodimethylamine	2.90	42	110426	33.53	ng	90
6) Aniline	6.41	93	401727	35.60	ng	# 86
8) 2-Chlorophenol	6.54	128	262794	40.81	ng	92
9) Benzaldehyde	6.30	77	181779	34.66	ng	93
10) Phenol	6.40	94	277408	31.40	ng	# 58
11) bis(2-Chloroethyl)ether	6.49	93	234292	35.56	ng	89
12) 1,3-Dichlorobenzene	6.70	146	271293m	38.28	ng	
13) 1,4-Dichlorobenzene	6.76	146	259411	36.88	ng	93
14) 1,2-Dichlorobenzene	6.92	146	281426m	42.75	ng	
15) Benzyl Alcohol	6.90	79	233175	40.92	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	308493	32.33	ng	89
17) 2-Methylphenol	7.02	107	210376	40.05	ng	99
18) Hexachloroethane	7.27	117	110748	40.70	ng	93
19) n-Nitroso-di-n-propylamine	7.18	70	184699	35.52	ng	92
20) 3+4-Methylphenols	7.16	107	265563	42.12	ng	# 51
22) Acetophenone	7.16	105	343970	38.72	ng	# 86
24) Nitrobenzene	7.34	77	268811	38.18	ng	# 83
25) Isophorone	7.58	82	513751	39.71	ng	94
26) 2-Nitrophenol	7.66	139	146438	50.72	ng	# 89
27) 2,4-Dimethylphenol	7.70	122	257438	42.81	ng	93
28) bis(2-Chloroethoxy)methane	7.79	93	316538	37.60	ng	# 95
29) 2,4-Dichlorophenol	7.90	162	207415	42.68	ng	99
30) 1,2,4-Trichlorobenzene	7.98	180	217609	40.80	ng	98
31) Naphthalene	8.06	128	703829	39.01	ng	100
32) Benzoic acid	7.84	122	179314	41.07	ng	92
33) 4-Chloroaniline	8.11	127	366376	45.64	ng	96
34) Hexachlorobutadiene	8.18	225	128497	44.99	ng	99
35) Caprolactam	8.49	113	76609	46.41	ng	# 86
36) 4-Chloro-3-methylphenol	8.59	107	234128	40.74	ng	90
37) 2-Methylnaphthalene	8.75	142	519895	44.75	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	231624	39.89	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	109674	38.48	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 06 16:39:34 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	159776	41.73	ng	100
43) 2,4,5-Trichlorophenol	9.06	196	140569	42.67	ng #	83
45) 1,1'-Biphenyl	9.21	154	548590	37.94	ng	98
46) 2-Chloronaphthalene	9.23	162	443010	39.03	ng	96
47) 2-Nitroaniline	9.34	65	172040	42.71	ng #	64
48) Acenaphthylene	9.64	152	727743	40.30	ng	100
49) Dimethylphthalate	9.52	163	523471	42.08	ng	100
50) 2,6-Dinitrotoluene	9.58	165	119196	43.24	ng #	56
51) Acenaphthene	9.82	154	468102	42.29	ng	98
52) 3-Nitroaniline	9.75	138	169580	48.39	ng	82
53) 2,4-Dinitrophenol	9.85	184	68703	56.44	ng #	71
54) Dibenzofuran	9.99	168	567512	39.17	ng #	86
55) 4-Nitrophenol	9.91	139	130409	48.97	ng #	78
56) 2,4-Dinitrotoluene	9.98	165	158766	44.05	ng #	57
57) Fluorene	10.33	166	449091	40.22	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	121034	47.49	ng #	53
59) Diethylphthalate	10.22	149	559233	44.80	ng	100
60) 4-Chlorophenyl-phenylether	10.33	204	238813	46.03	ng	94
61) 4-Nitroaniline	10.35	138	140066	41.53	ng	83
62) Azobenzene	10.49	77	610515	42.87	ng	92
64) 4,6-Dinitro-2-methylphenol	10.39	198	101058	53.86	ng #	61
65) n-Nitrosodiphenylamine	10.44	169	430367	36.25	ng	100
66) 4-Bromophenyl-phenylether	10.81	248	136282	38.55	ng #	71
67) Hexachlorobenzene	10.88	284	167768	42.87	ng #	90
68) Atrazine	10.98	200	161984	43.79	ng	99
69) Pentachlorophenol	11.07	266	100541	43.41	ng	98
70) Phenanthrene	11.29	178	813540	42.43	ng	99
71) Anthracene	11.34	178	715395	37.52	ng	99
72) Carbazole	11.50	167	765595	42.66	ng	99
73) Di-n-butylphthalate	11.83	149	859338	41.17	ng #	99
74) Fluoranthene	12.47	202	833091	42.86	ng	98
76) Benzidine	12.59	184	587651	44.22	ng	98
77) Pyrene	12.70	202	890743	39.96	ng	99
79) Butylbenzylphthalate	13.33	149	392458	39.47	ng	96
80) Benzo(a)anthracene	13.87	228	664727	39.27	ng	100
81) 3,3'-Dichlorobenzidine	13.84	252	246732	38.77	ng #	95
82) Chrysene	13.91	228	633684	37.84	ng	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	513994	45.28	ng #	99
84) Di-n-octyl phthalate	14.49	149	877497	45.50	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	486224	37.74	ng #	100
87) Benzo(b)fluoranthene	14.88	252	565464	36.32	ng #	96
88) Benzo(k)fluoranthene	14.91	252	592539m	43.72	ng	
89) Benzo(a)pyrene	15.21	252	517170	39.24	ng	96
90) Dibenzo(a,h)anthracene	16.59	278	418636	38.03	ng	99
91) Benzo(g,h,i)perylene	16.97	276	410932	36.08	ng	98

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

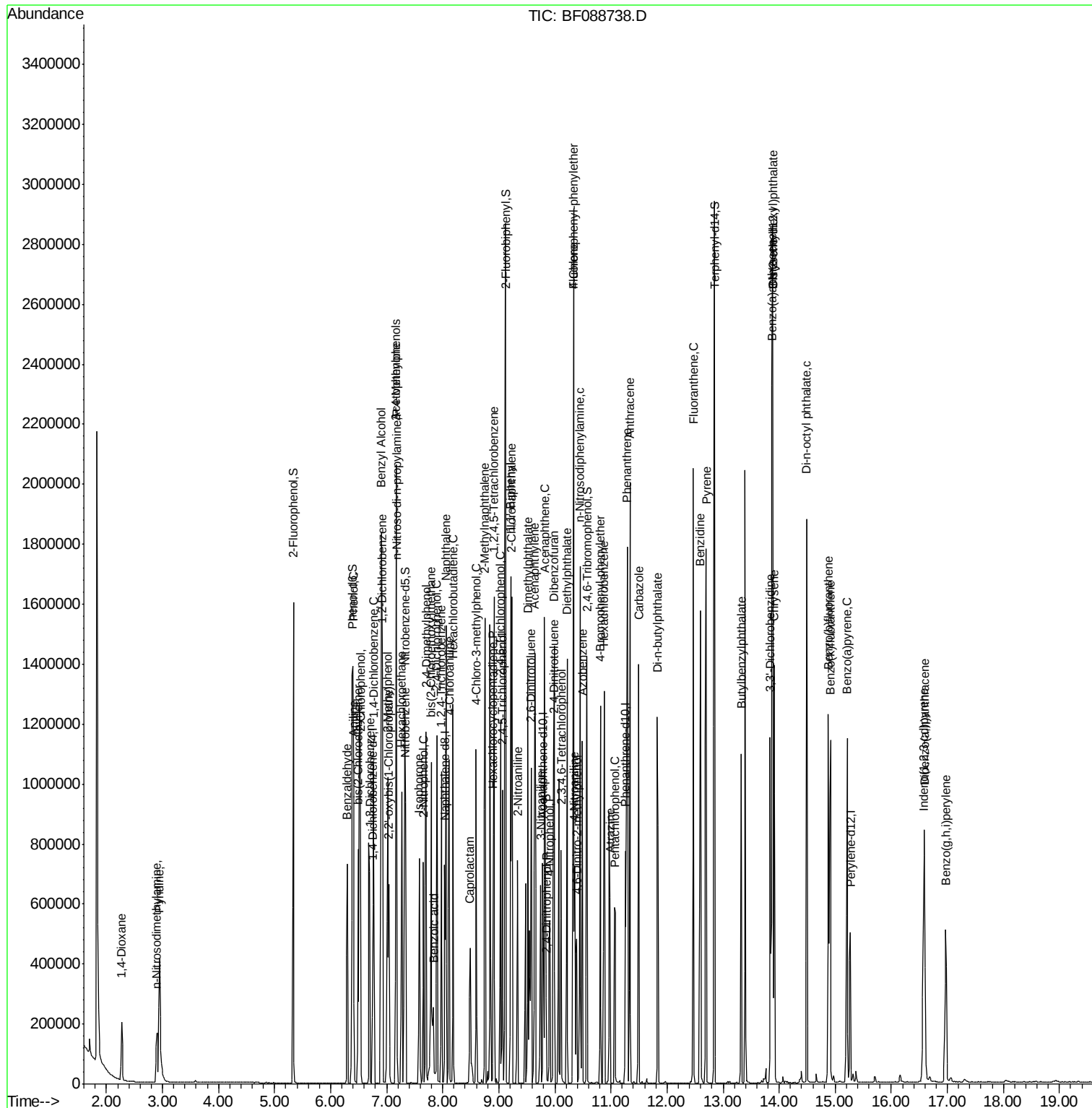
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\  
Data File : BF088738.D  
Acq On    : 6 Jul 2016 17:06  
Operator  : UM/SJ  
Sample    : SSTCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
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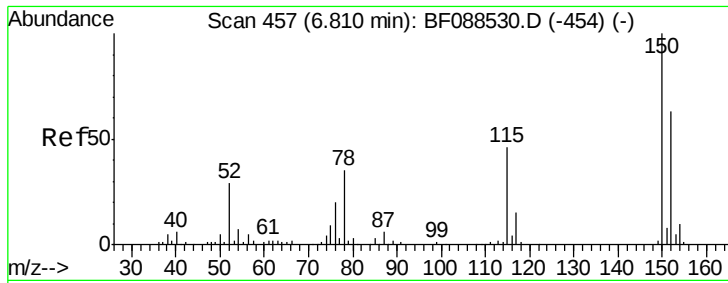
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations

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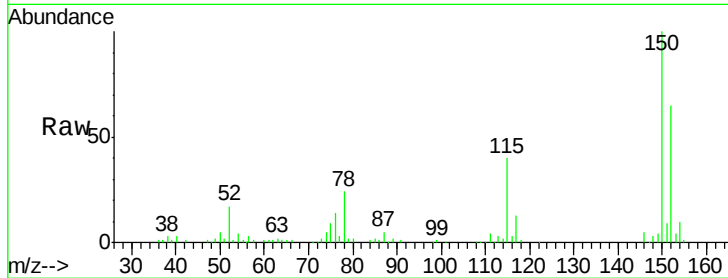
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

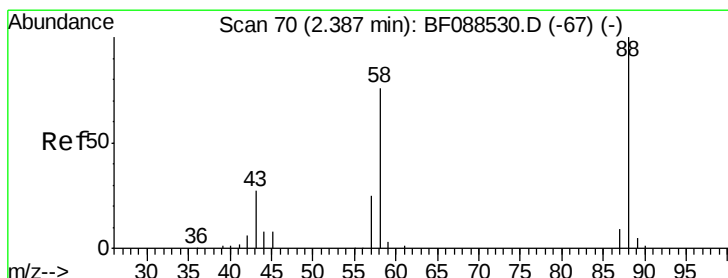
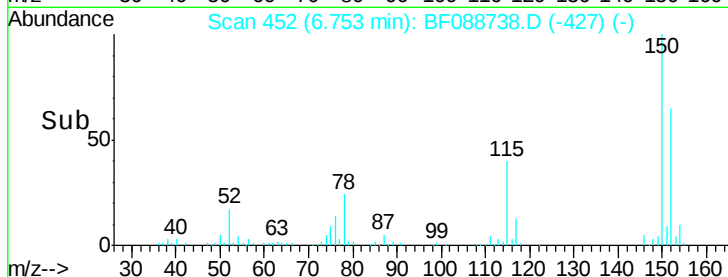
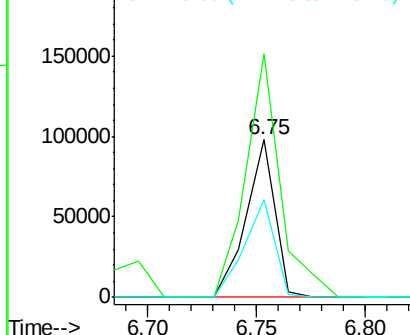
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.8	185.6
115	61.8	39.6	59.4

Manual Integrations

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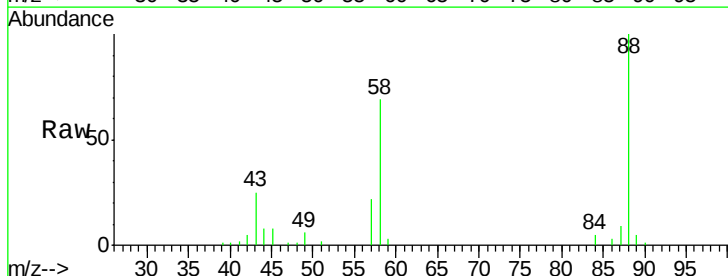


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

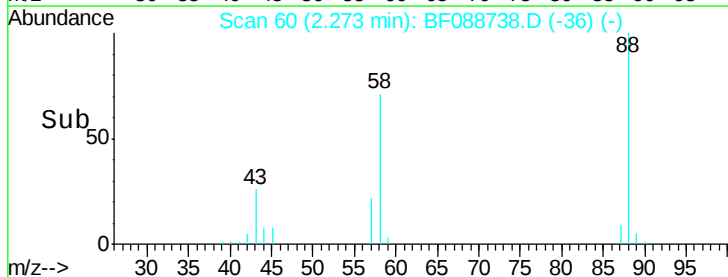
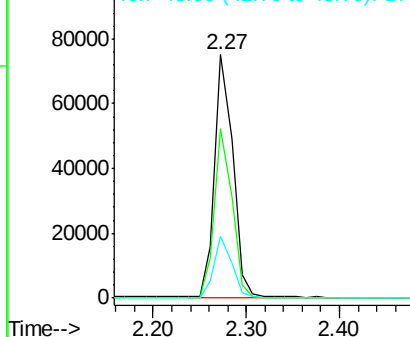


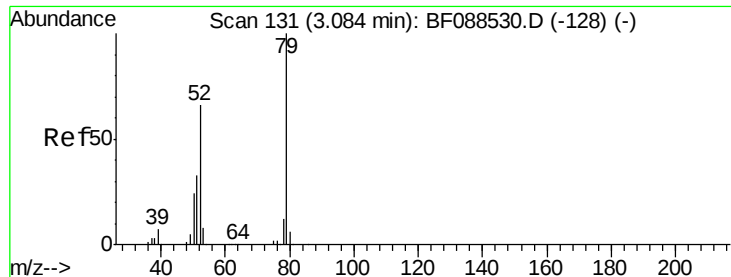
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 1,4-Dioxane
 Concen: 35.06 ng
 RT: 2.27 min Scan# 60
 Delta R.T. -0.02 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.5	0.0	0.0
43	24.4	3.4	5.2



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





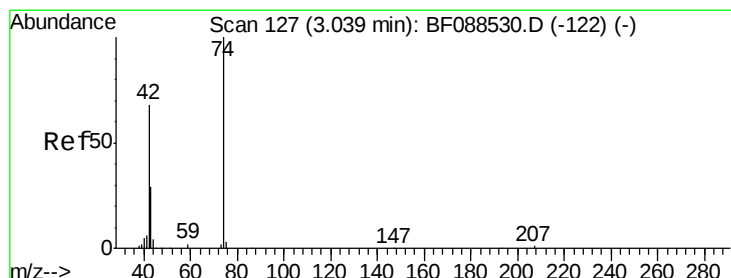
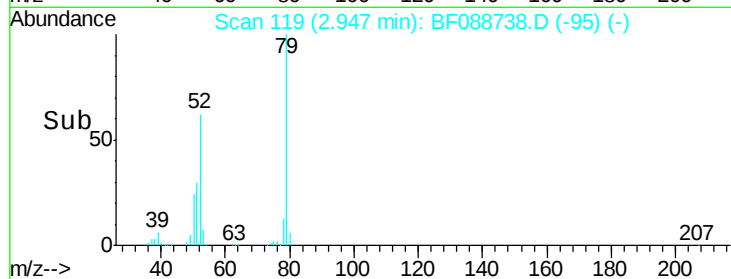
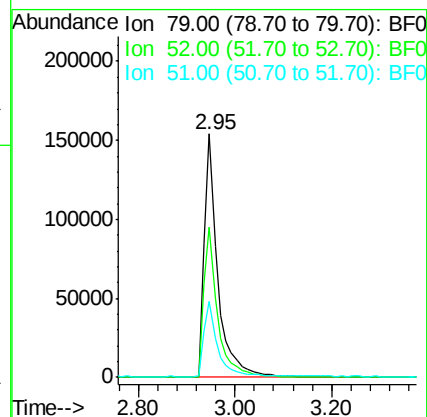
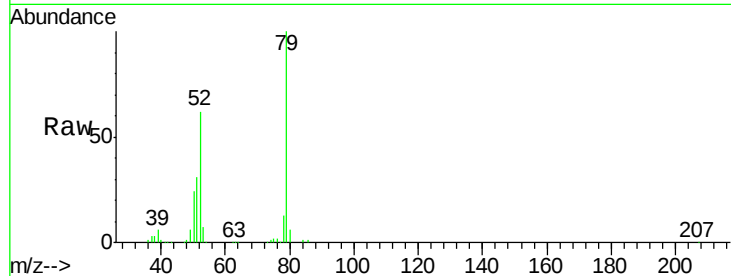
#3
 Pyridine
 Concen: 34.94 ng
 RT: 2.95 min Scan# 119
 Delta R.T. -0.02 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
79	100		
52	61.7	56.3	84.5
51	31.0	27.4	41.2

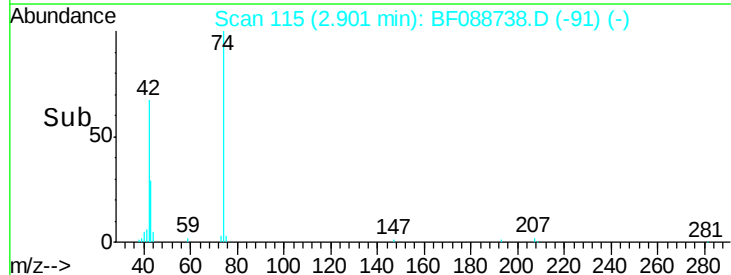
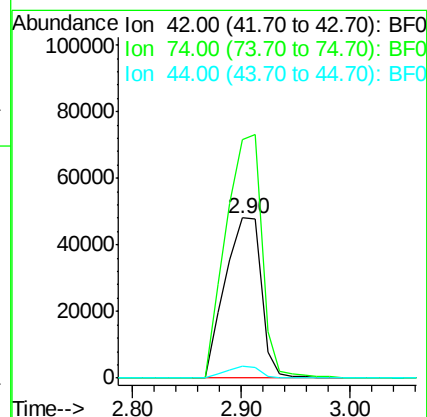
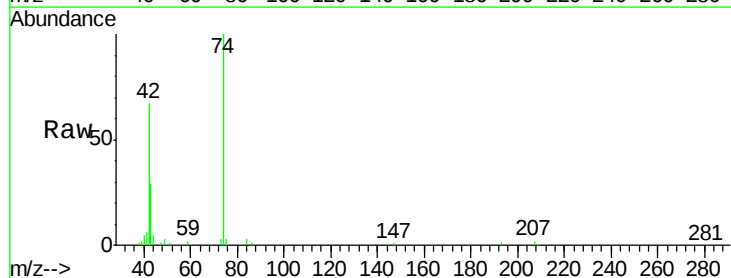
Manual Integrations

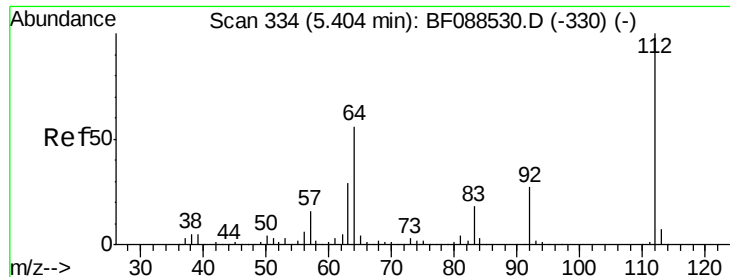
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#4
 n-Nitrosodimethylamine
 Concen: 33.53 ng
 RT: 2.90 min Scan# 115
 Delta R.T. -0.02 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.9	108.6	163.0
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 73.29 ng

RT: 5.34 min Scan# 328

Delta R.T. -0.01 min

Lab File: BF088738.D

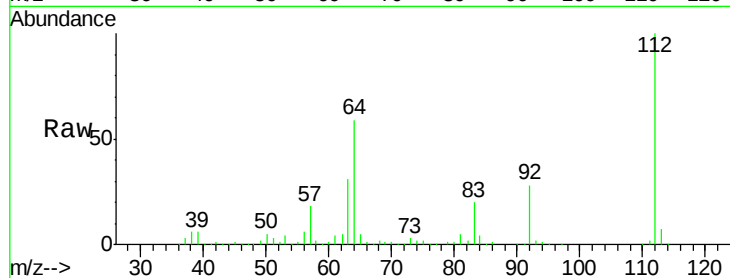
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Instrument :

BNA_F

ClientSampleId :

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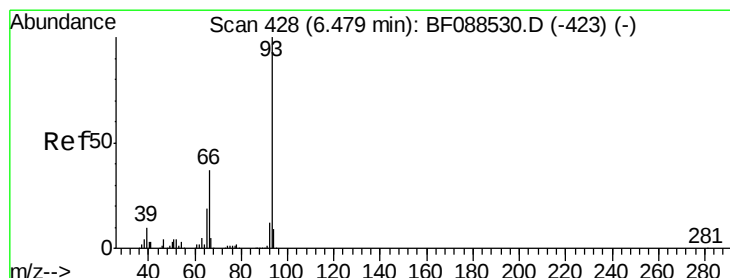
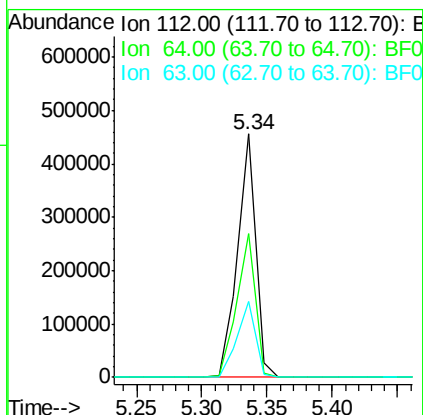
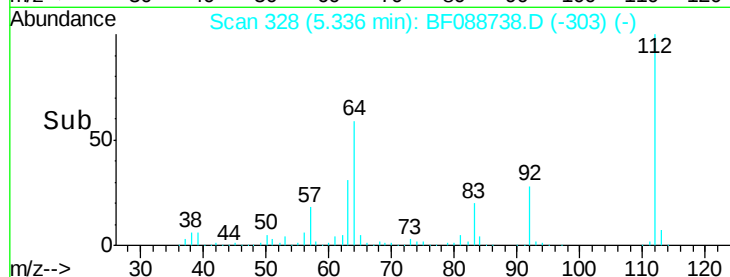


Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	42.2	63.2
63	31.3	21.8	32.8

Manual Integrations

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7/7/2016 1:55:44 AM



#6

Aniline

Concen: 35.60 ng

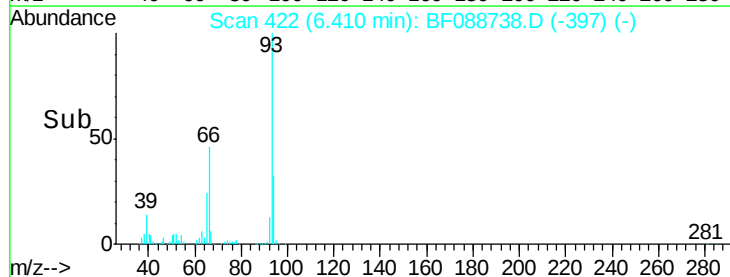
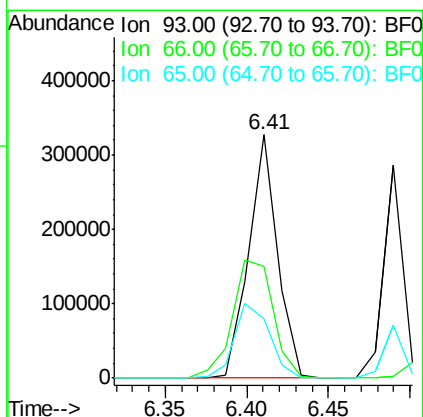
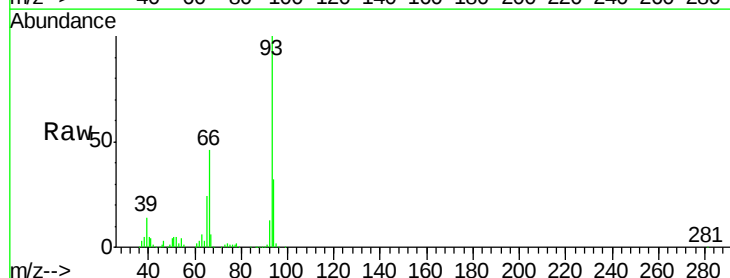
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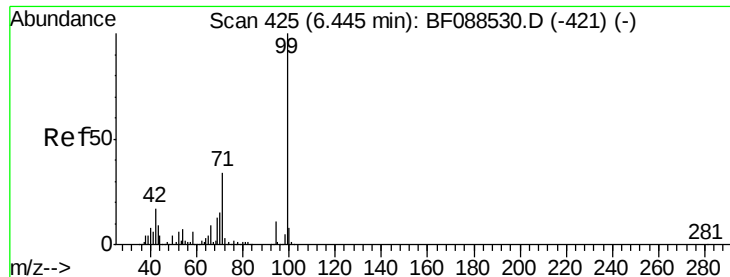
Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Tgt Ion	Ratio	Lower	Upper
93	100		
66	45.9	29.8	44.8#
65	24.3	14.9	22.3#





#7

Phenol-d6

Concen: 72.48 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

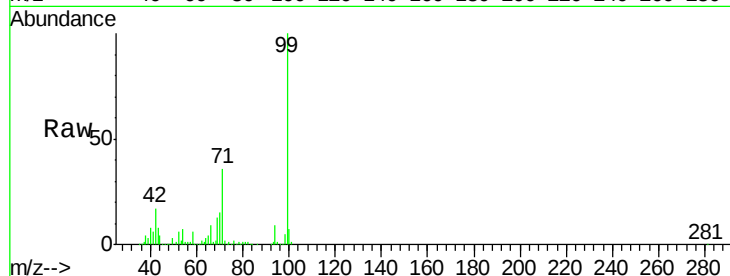
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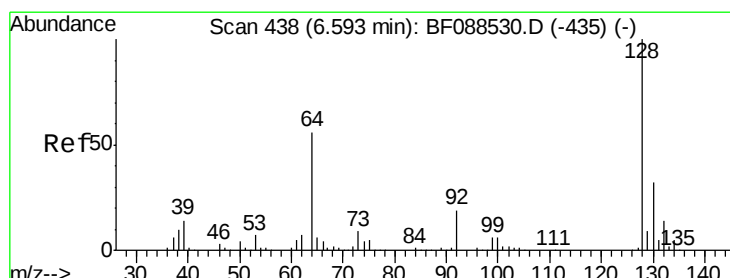
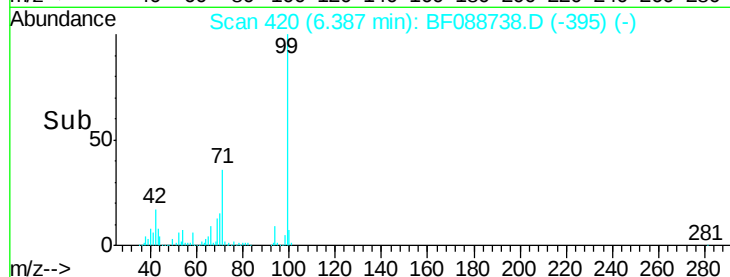
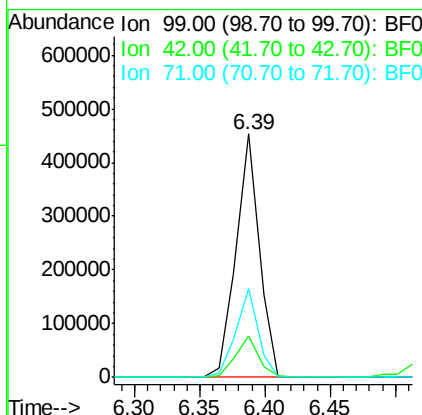
Manual Integrations

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Tgt Ion	Ratio	Lower	Upper
99	100		
42	16.9	12.2	18.2
71	36.4	23.4	35.0



#8

2-Chlorophenol

Concen: 40.81 ng

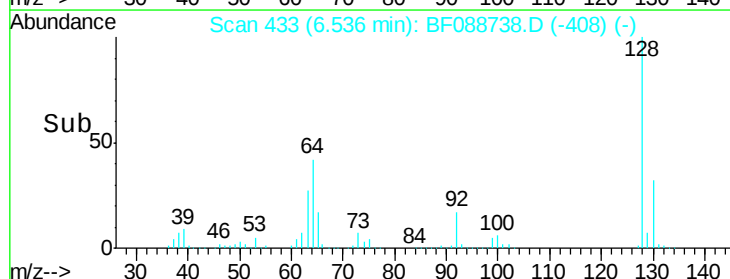
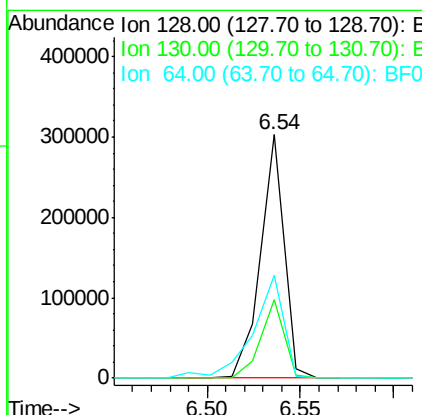
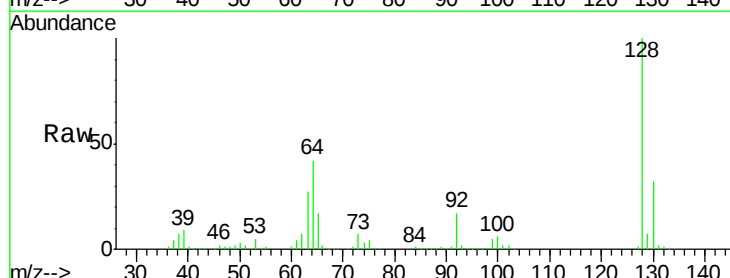
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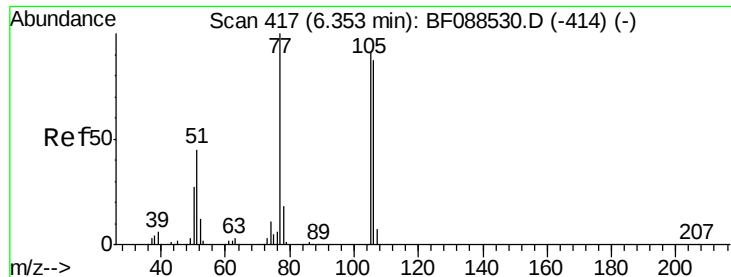
Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Tgt Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.0	52.0
64	42.1	30.8	70.8





#9

Benzaldehyde

Concen: 34.66 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

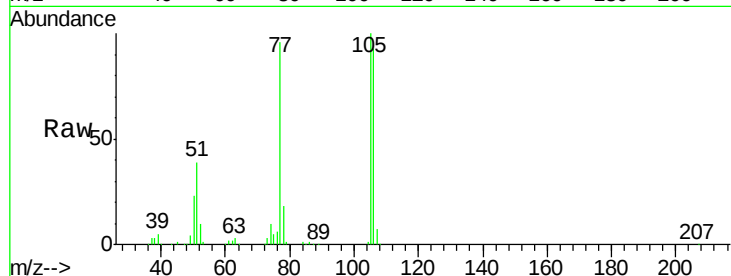
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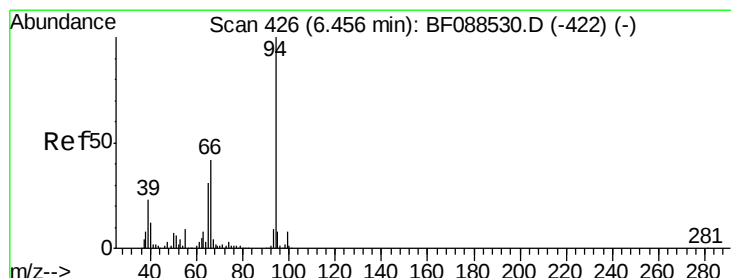
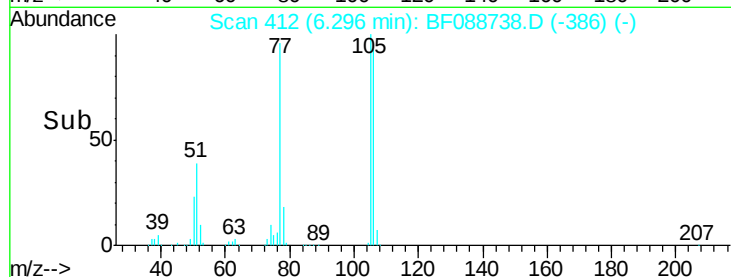
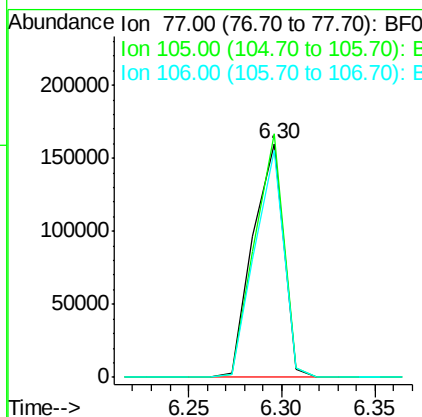
Manual Integrations

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7/7/2016 1:55:44 AM



Tgt Ion:	77	Resp:	181779
Ion	Ratio	Lower	Upper
77	100		
105	104.3	90.6	130.6
106	97.4	85.3	125.3



#10

Phenol

Concen: 31.40 ng

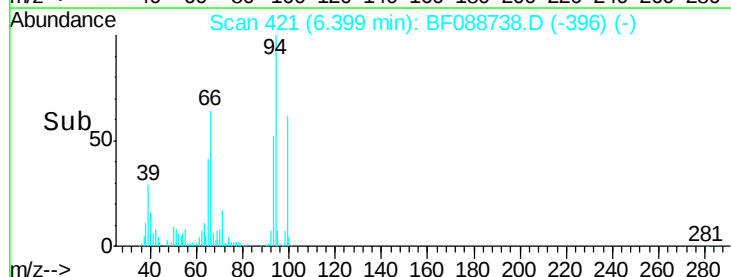
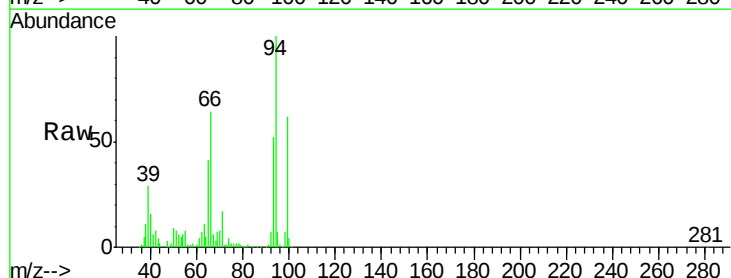
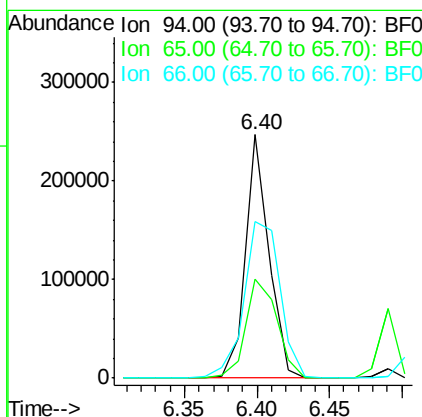
RT: 6.40 min Scan# 421

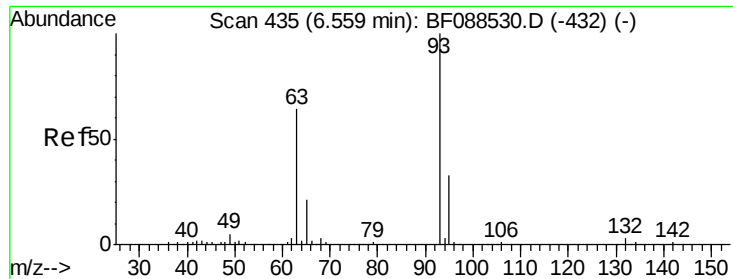
Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Tgt Ion:	94	Resp:	277408
Ion	Ratio	Lower	Upper
94	100		
65	40.6	5.9	45.9
66	64.1	14.0	54.0





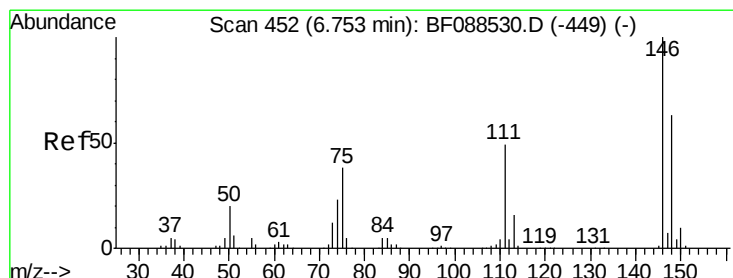
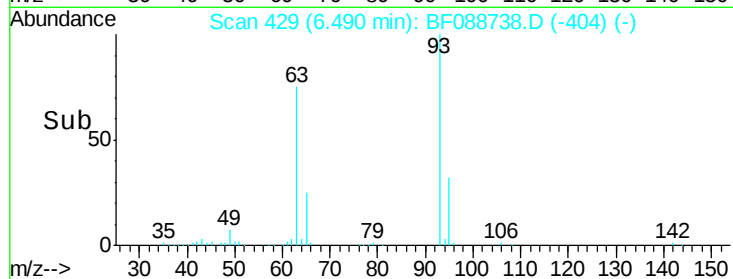
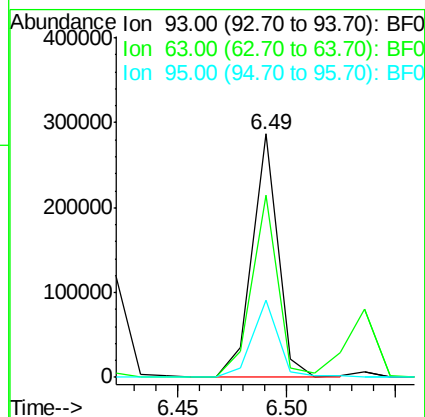
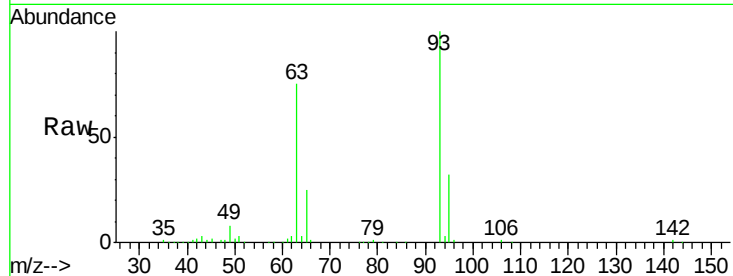
#11
bis(2-Chloroethyl)ether
Concen: 35.56 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	93	Resp:	234292
Ion Ratio	Lower	Upper	
93	100		
63	74.6	67.6	107.6
95	31.9	12.5	52.5

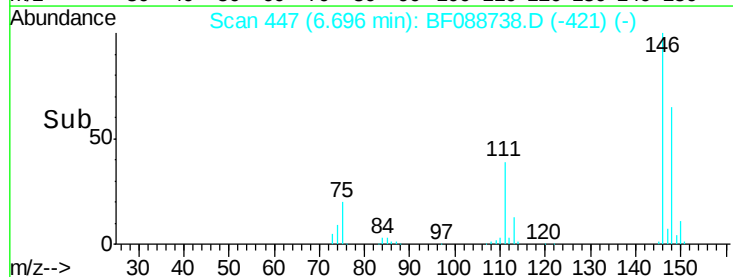
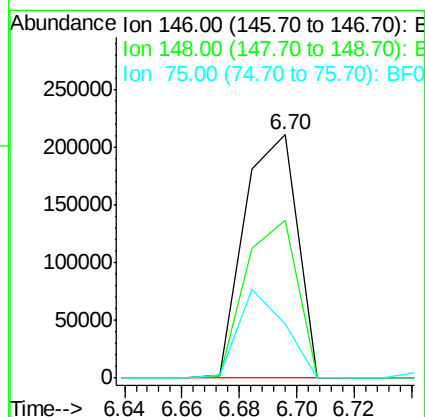
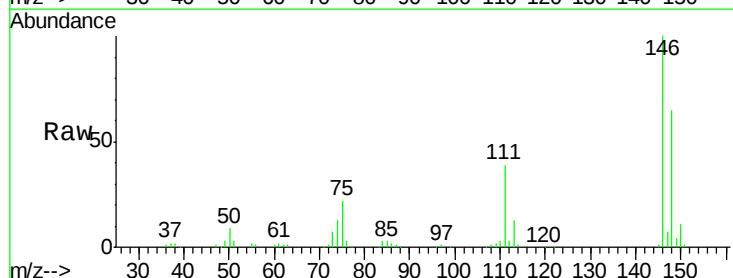
Manual Integrations

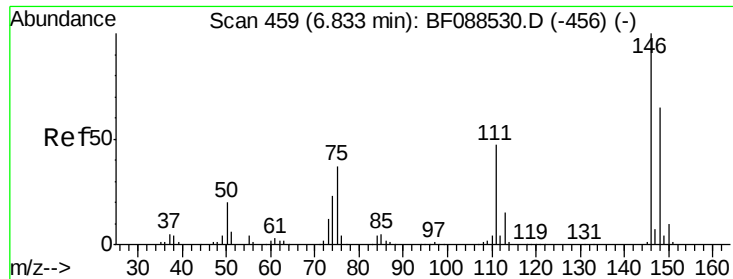
APPROVED
SOHIL
7/7/2016 1:55:44 AM



#12
1,3-Dichlorobenzene
Concen: 38.28 ng m
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion:	146	Resp:	271293
Ion Ratio	Lower	Upper	
146	100		
148	65.1	50.9	76.3
75	22.3	25.6	38.4#





#13

1,4-Dichlorobenzene

Concen: 36.88 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:146 Resp: 259411

Ion Ratio Lower Upper

146 100

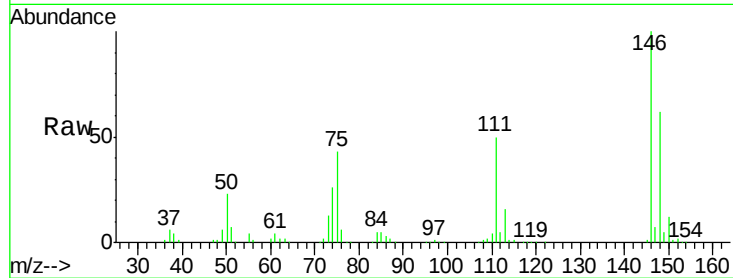
148 62.4 52.0 78.0

111 49.8 33.8 50.8

Manual Integrations

SOHIL

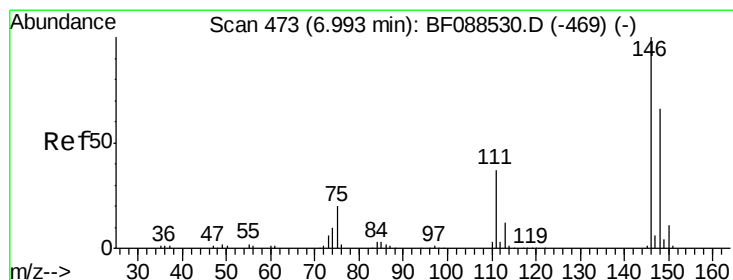
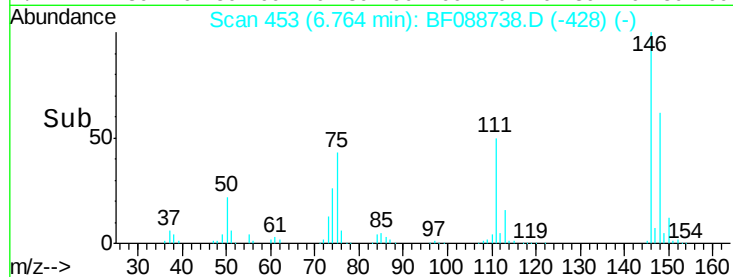
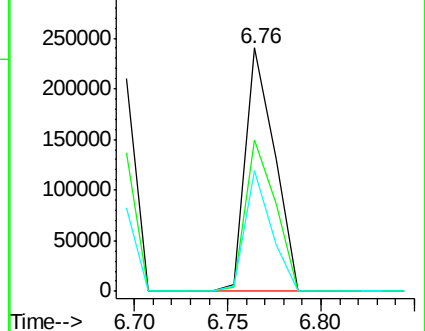
7/7/2016 1:55:44 AM



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.75 ng m

RT: 6.92 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Tgt Ion:146 Resp: 281426

Ion Ratio Lower Upper

146 100

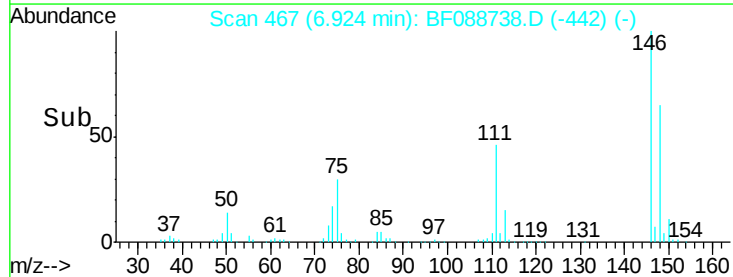
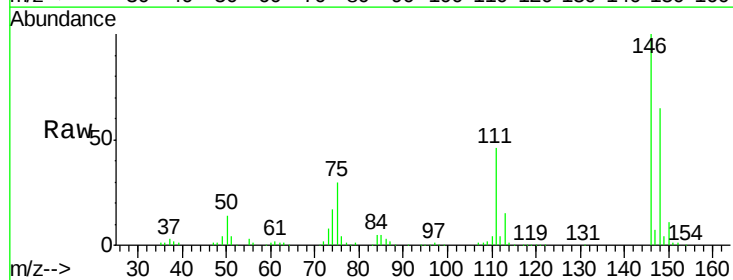
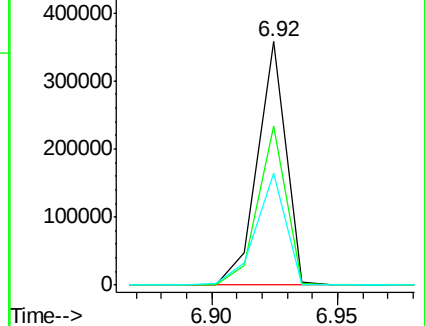
148 65.1 52.3 78.5

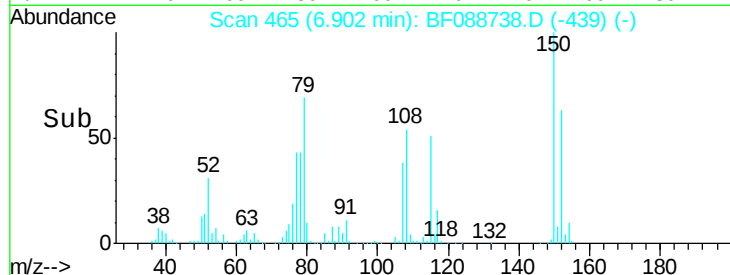
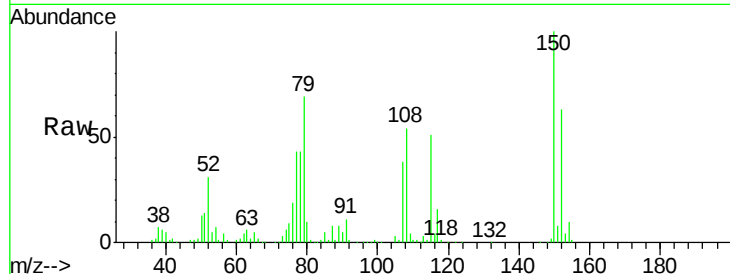
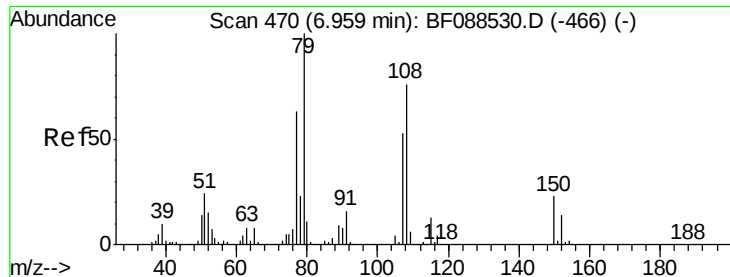
111 45.8 28.7 43.1#

Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.92 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Tgt Ion:	79	Resp:	233175
Ion Ratio	Lower	Upper	
79	100		
108	78.6	65.0	97.6
77	63.1	50.3	75.5

Instrument :

BNA_F

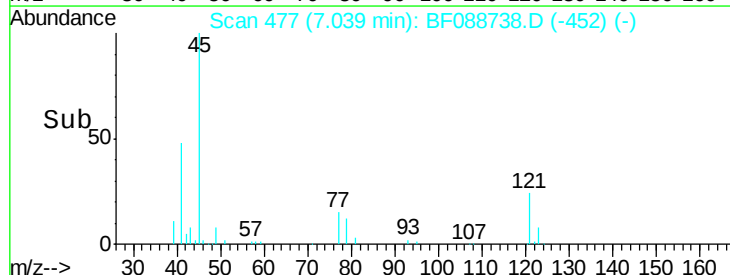
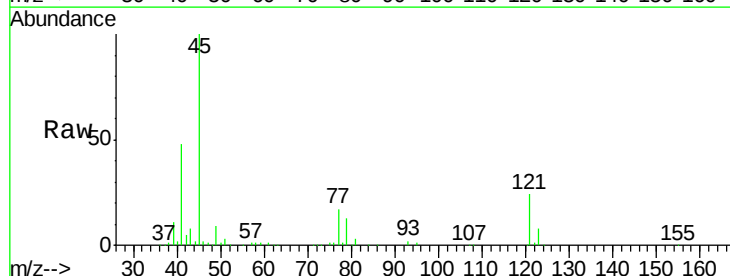
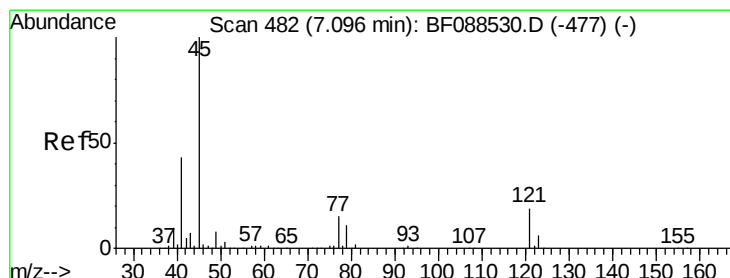
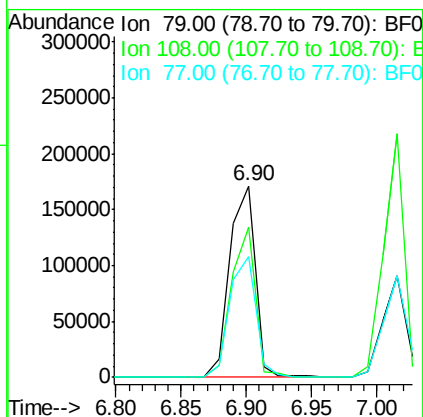
ClientSampleId :

SSTDCCC040EC

Manual Integrations

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7/7/2016 1:55:44 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.33 ng

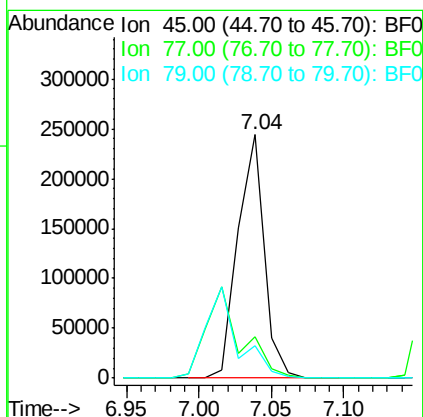
RT: 7.04 min Scan# 477

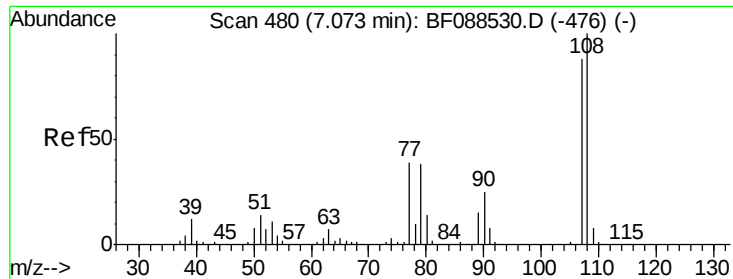
Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Tgt Ion:	45	Resp:	308493
Ion Ratio	Lower	Upper	
45	100		
77	17.0	0.0	32.5
79	13.1	0.0	29.5





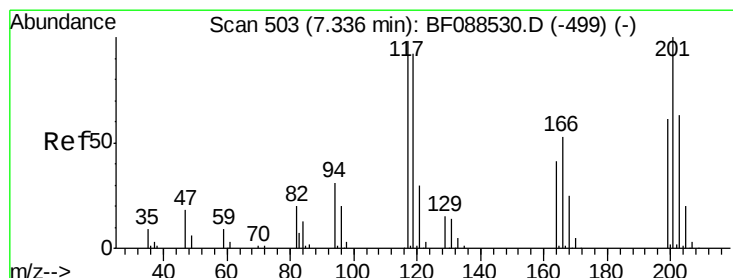
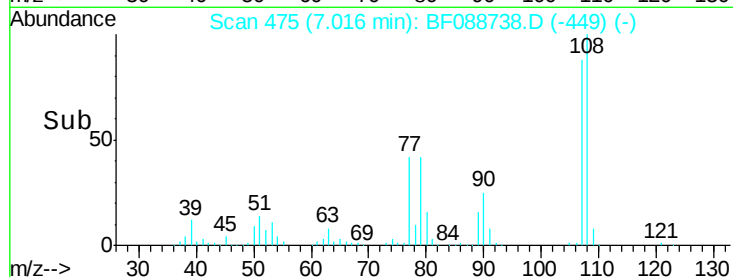
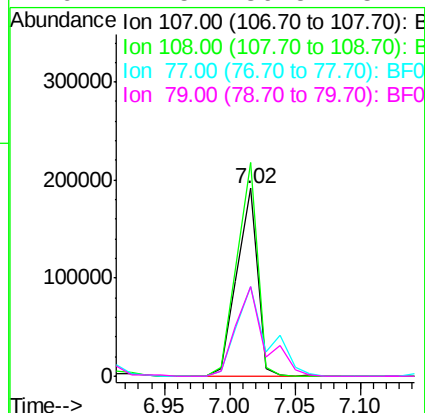
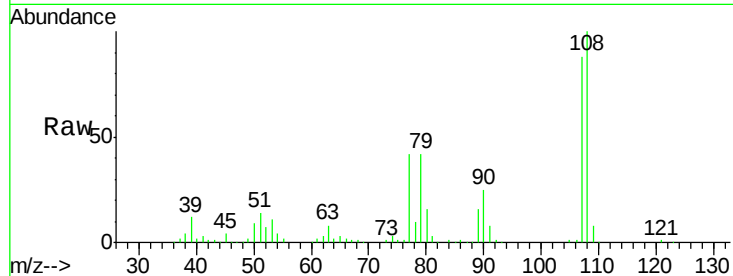
#17
2-Methylphenol
Concen: 40.05 ng
RT: 7.02 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	210376		
108	113.6	90.9	136.3	
77	47.6	36.6	55.0	
79	47.5	36.5	54.7	

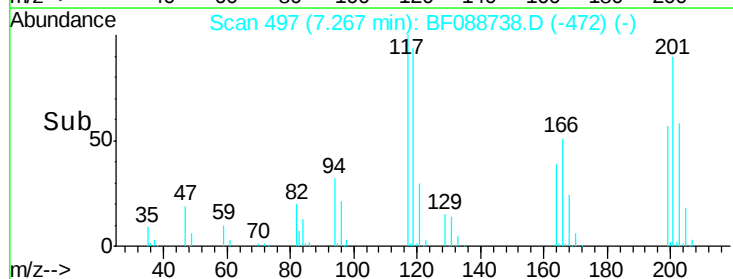
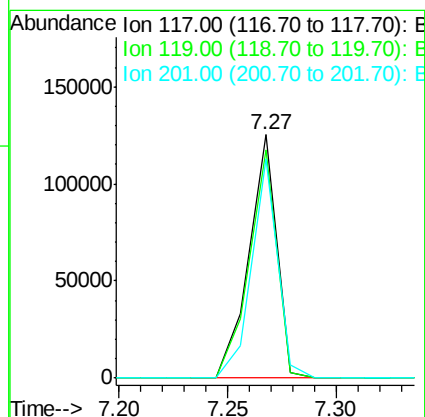
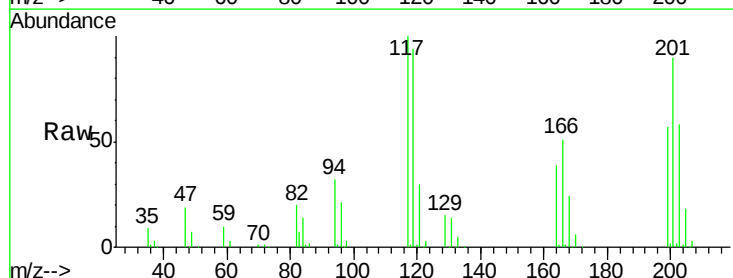
Manual Integrations

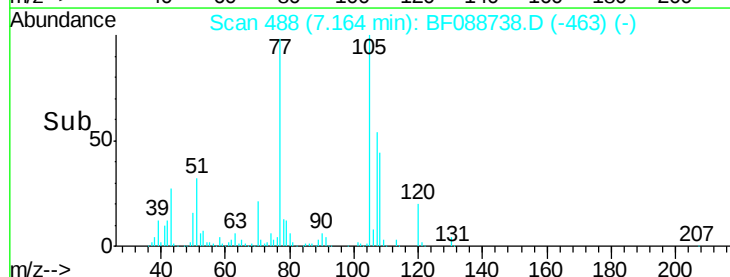
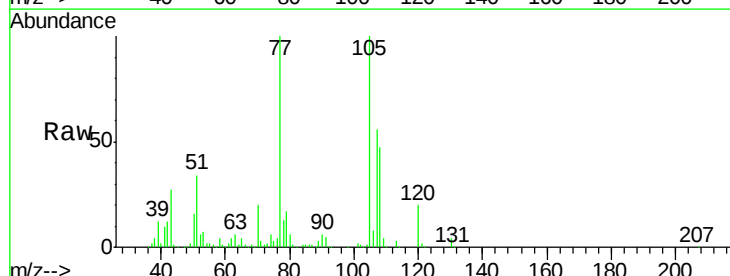
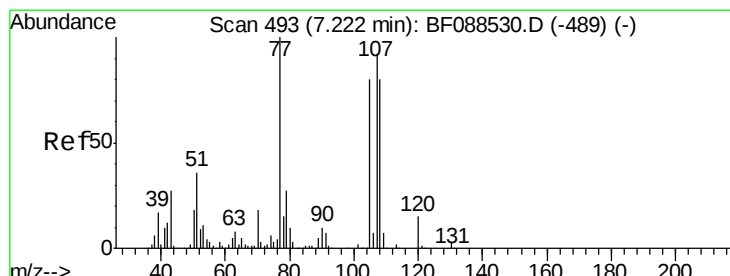
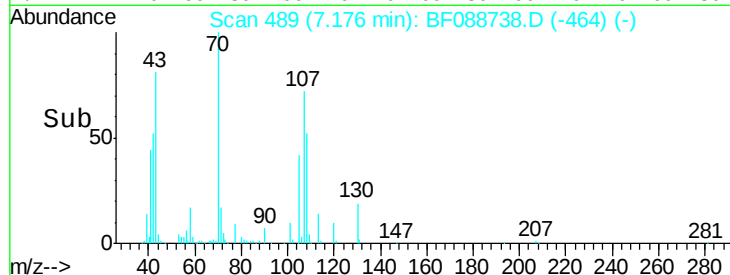
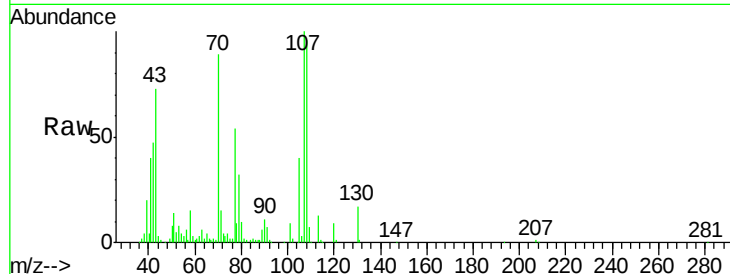
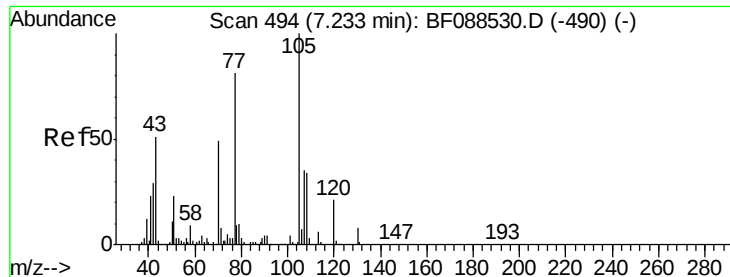
SOHIL
7/7/2016 1:55:44 AM



#18
Hexachloroethane
Concen: 40.70 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	110748		
119	94.0	77.4	116.2	
201	90.2	80.4	120.6	

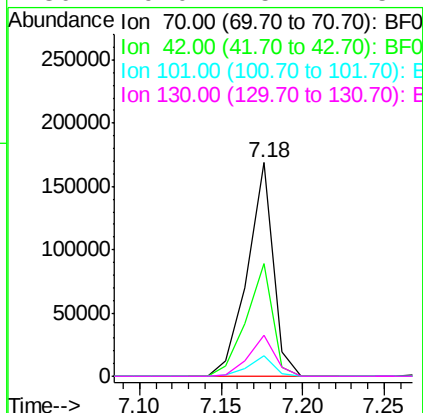




#19
n-Nitroso-di-n-propylamine
Concen: 35.52 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.9	49.6	74.4	
101	9.6	7.1	10.7	
130	19.0	15.4	23.2	

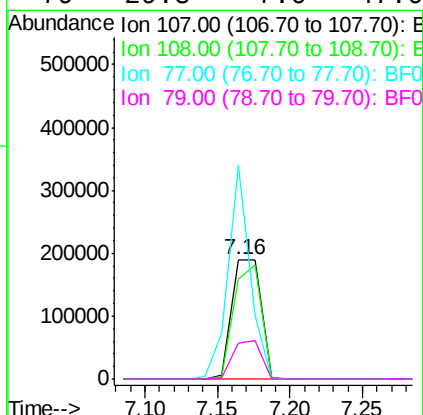


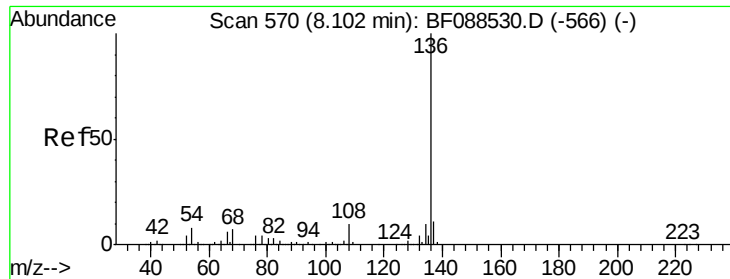
Manual Integrations

SOHIL
7/7/2016 1:55:44 AM

#20
3+4-Methylphenols
Concen: 42.12 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.6	67.8	107.8	
77	178.4	59.3	99.3#	
79	29.8	7.0	47.0	





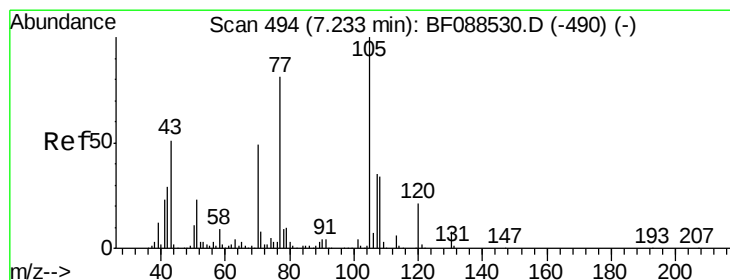
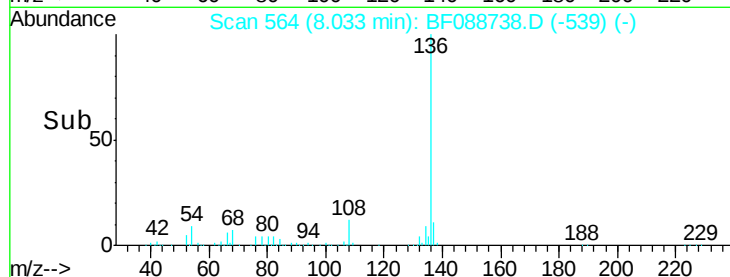
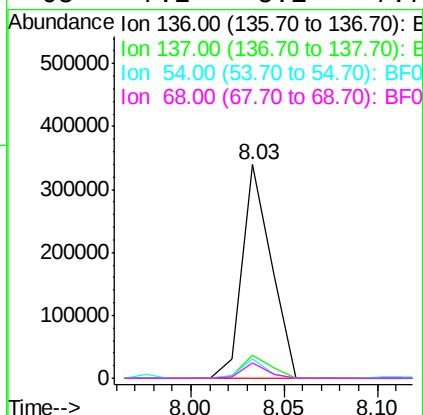
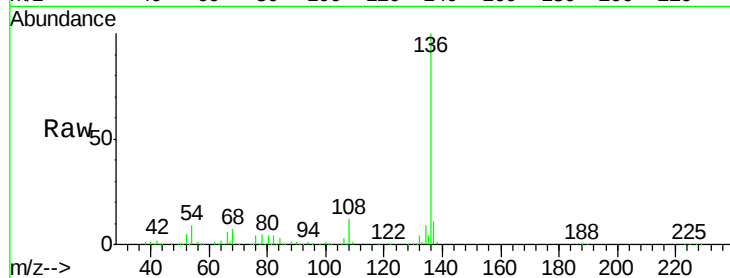
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	365975		
137	11.0	9.1	13.7	
54	8.9	6.6	10.0	
68	7.2	5.1	7.7	

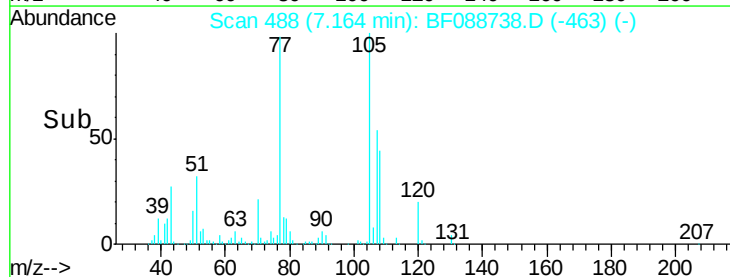
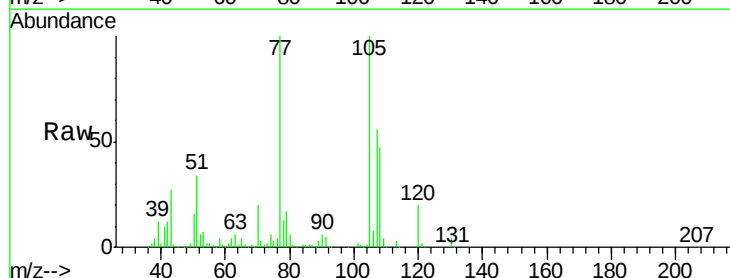
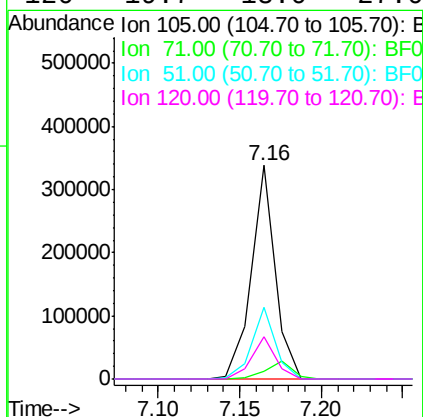
Manual Integrations

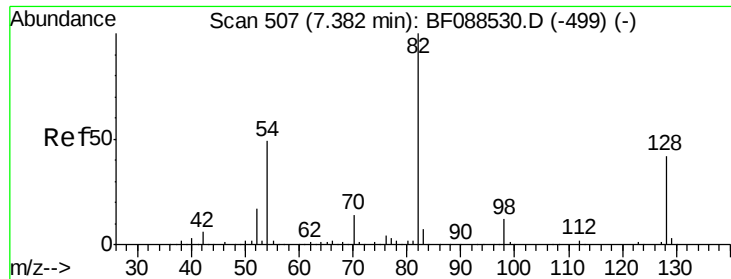
SOHIL
7/7/2016 1:55:44 AM



#22
Acetophenone
Concen: 38.72 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	343970		
71	3.5	5.3	7.9#	
51	33.8	18.2	27.4#	
120	19.7	18.0	27.0	





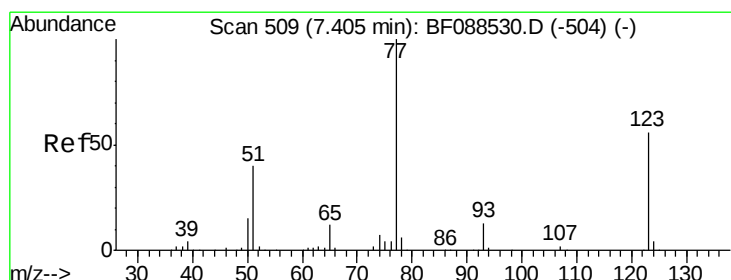
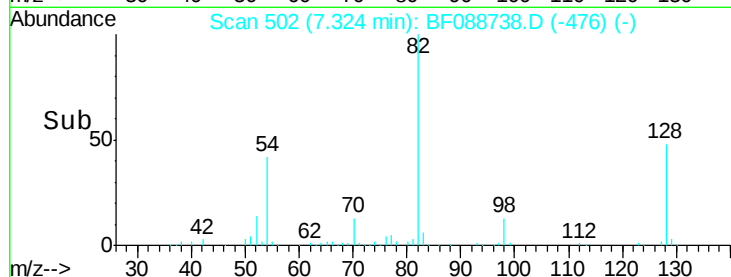
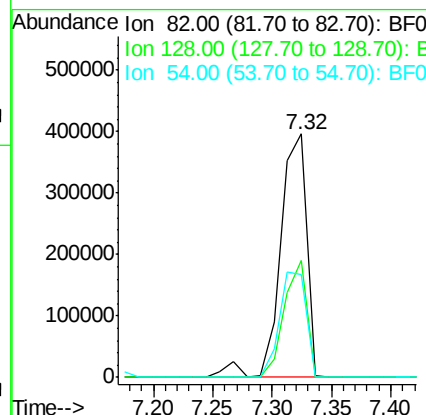
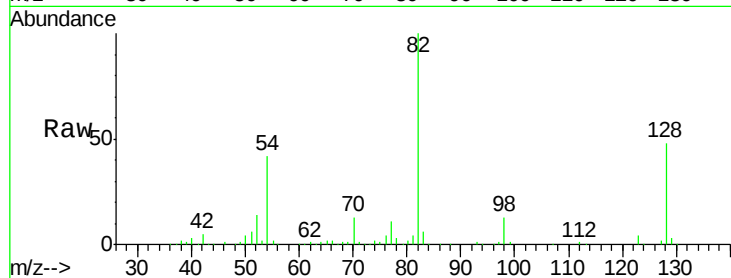
#23
Nitrobenzene-d5
Concen: 86.18 ng
RT: 7.32 min Scan# 502
Delta R.T. 0.00 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.2	35.9	53.9
54	42.5	40.9	61.3

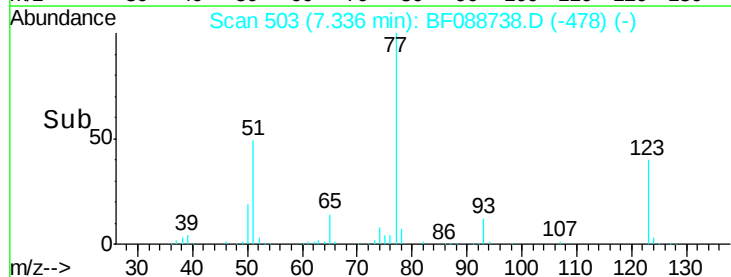
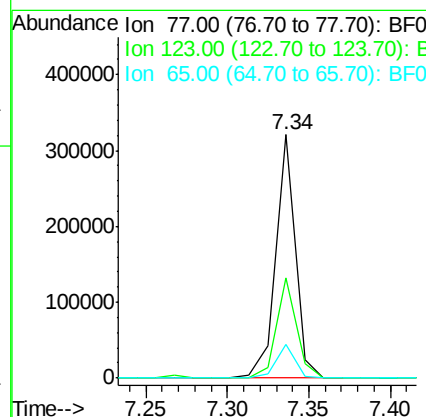
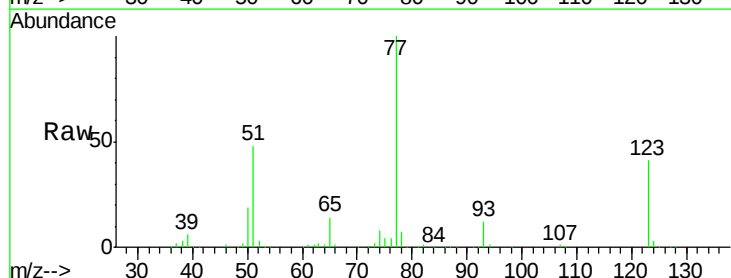
Manual Integrations

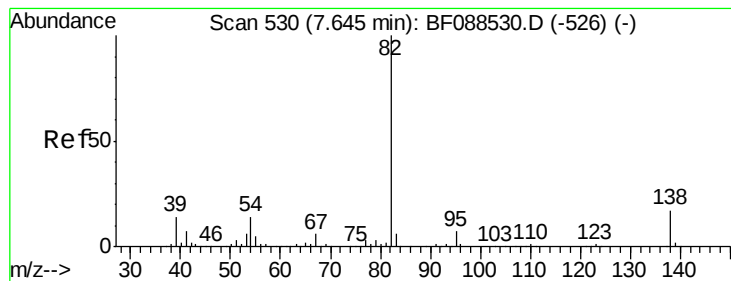
SOHIL
7/7/2016 1:55:44 AM



#24
Nitrobenzene
Concen: 38.18 ng
RT: 7.34 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.0	45.0	67.4#
65	13.6	10.2	15.2





#25

Isophorone

Concen: 39.71 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

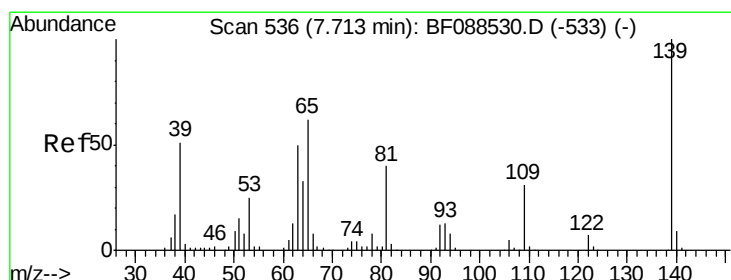
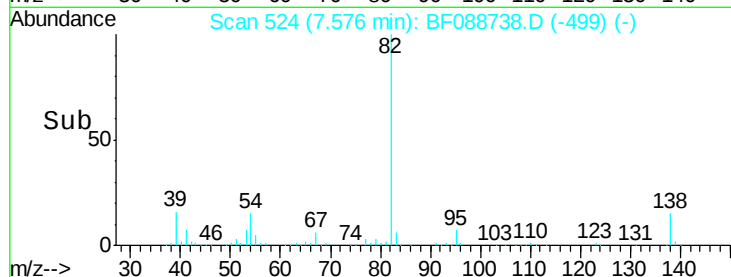
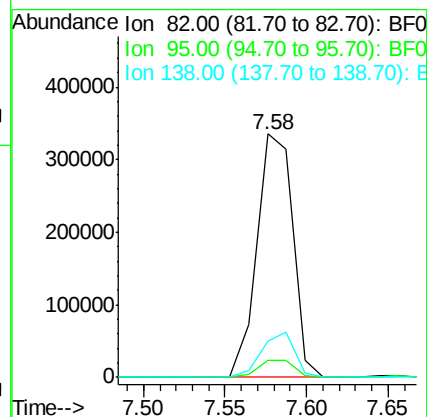
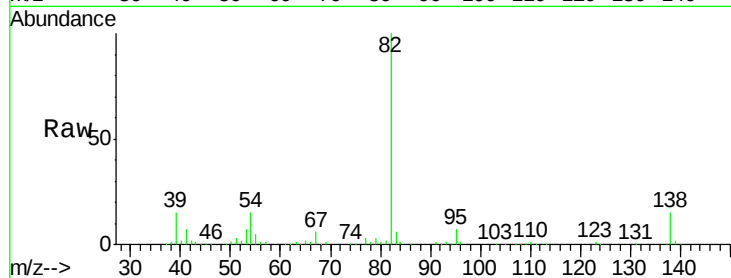
SSTDCCC040EC

Tgt Ion:	82	Resp:	513751
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.4	8.2
138	15.0	14.6	21.8

Manual Integrations

SOHIL

7/7/2016 1:55:44 AM



#26

2-Nitrophenol

Concen: 50.72 ng

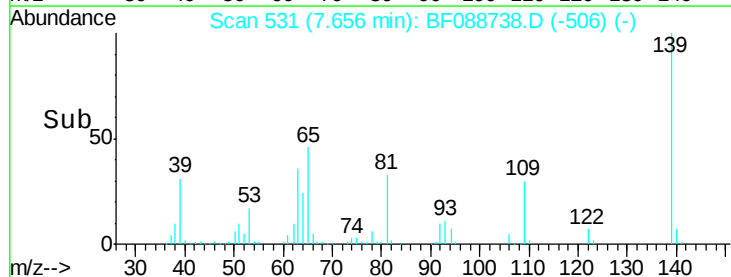
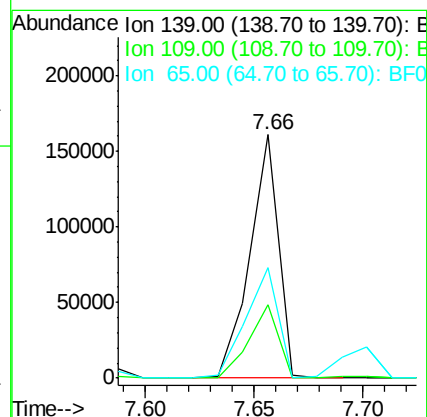
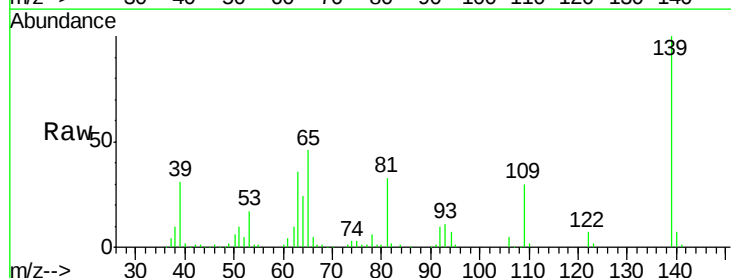
RT: 7.66 min Scan# 531

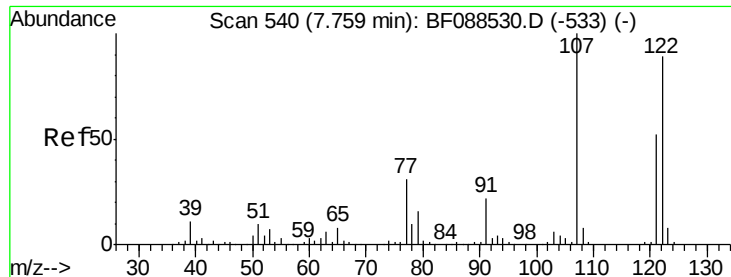
Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Tgt Ion:	139	Resp:	146438
Ion Ratio	Lower	Upper	
139	100		
109	30.0	23.0	34.4
65	45.5	45.8	68.8#





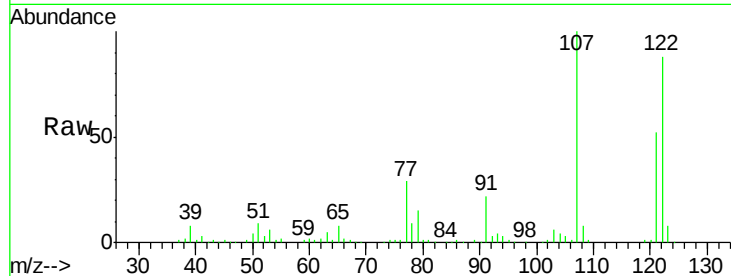
#27
2,4-Dimethylphenol
Concen: 42.81 ng
RT: 7.70 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

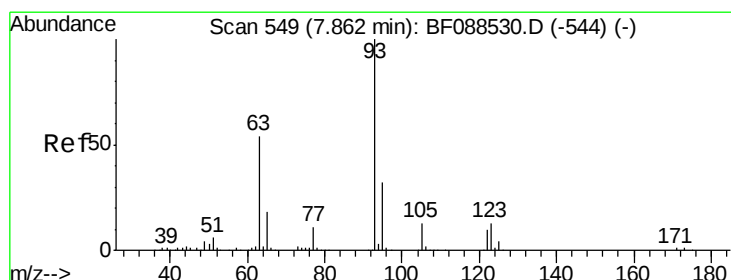
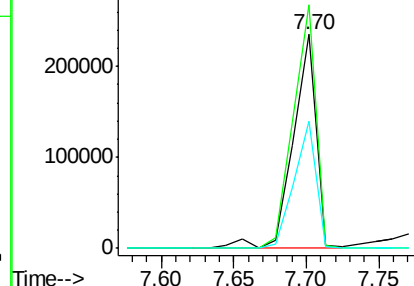
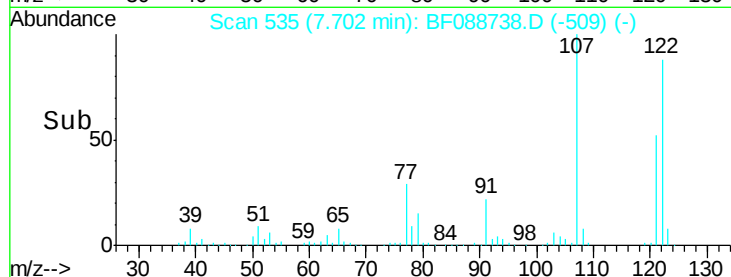
Tgt Ion: 122 Resp: 257438
Ion Ratio Lower Upper
122 100
107 113.7 82.4 123.6
121 59.3 46.3 69.5

Manual Integrations

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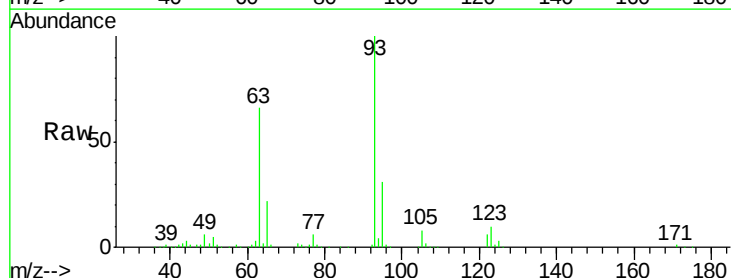


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

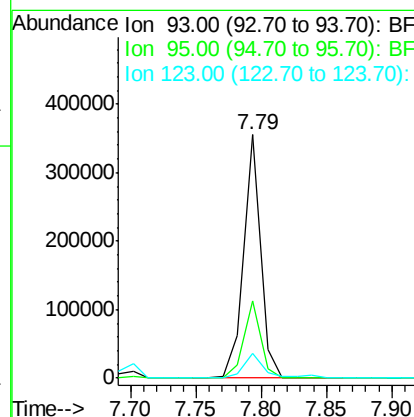
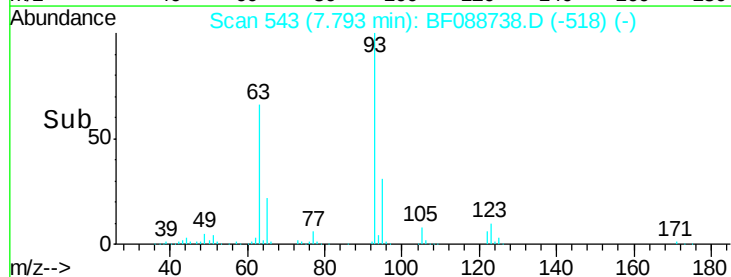


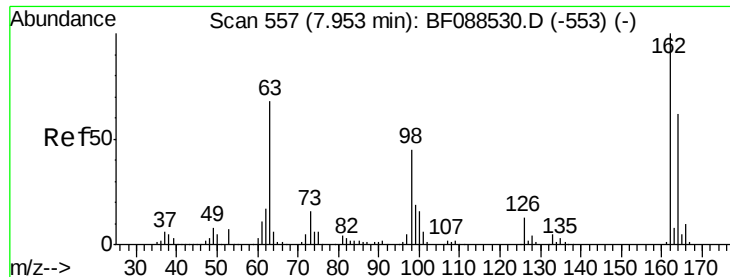
#28
bis(2-Chloroethoxy)methane
Concen: 37.60 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion: 93 Resp: 316538
Ion Ratio Lower Upper
93 100
95 31.5 26.5 39.7
123 10.2 11.6 17.4#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





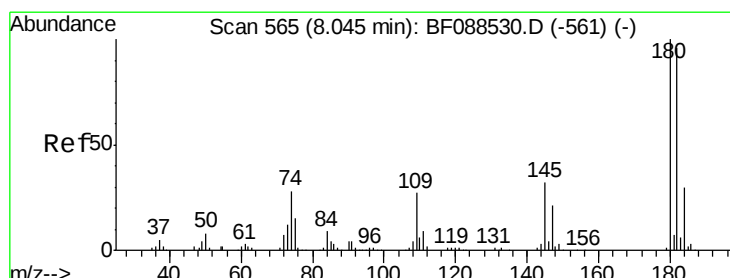
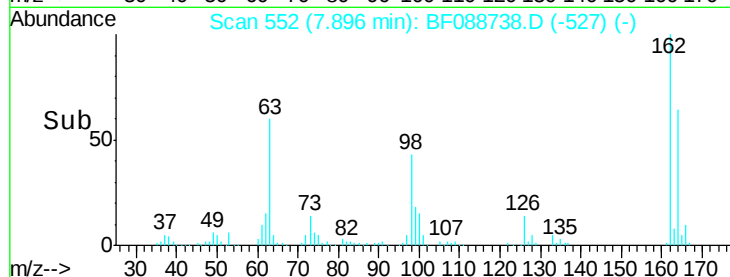
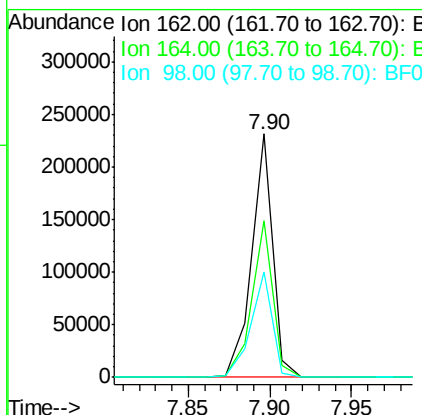
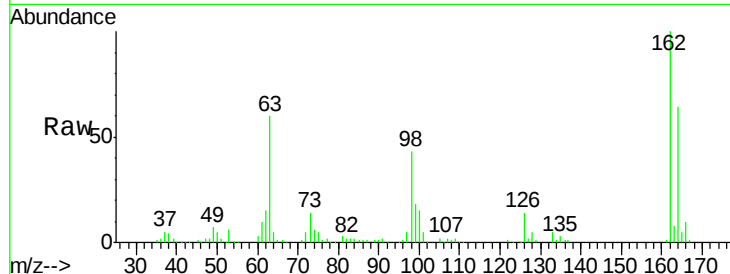
#29
2,4-Dichlorophenol
Concen: 42.68 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	207415		
164	64.1	43.8	83.8	
98	43.2	21.3	61.3	

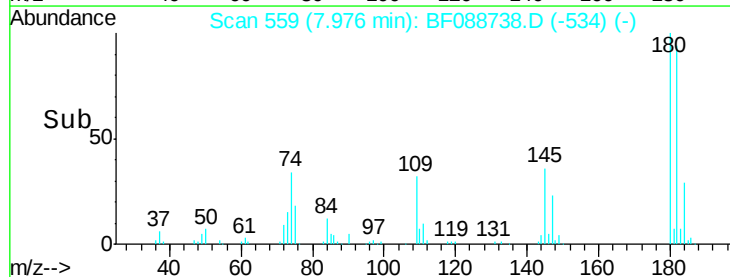
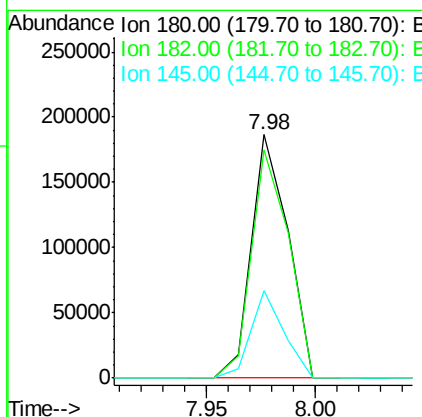
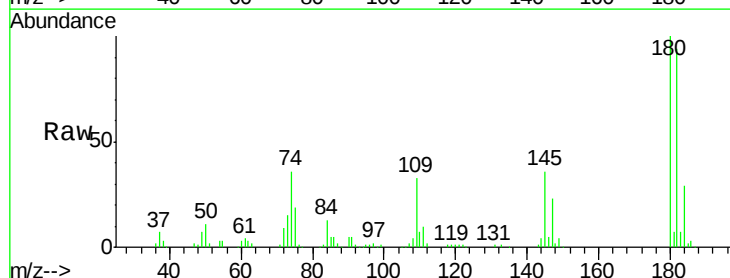
Manual Integrations

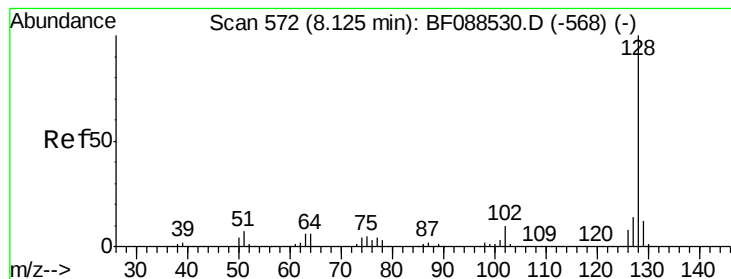
SOHIL
7/7/2016 1:55:44 AM



#30
1,2,4-Trichlorobenzene
Concen: 40.80 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	217609		
182	93.8	76.0	114.0	
145	35.7	26.5	39.7	





#31

Naphthalene

Concen: 39.01 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

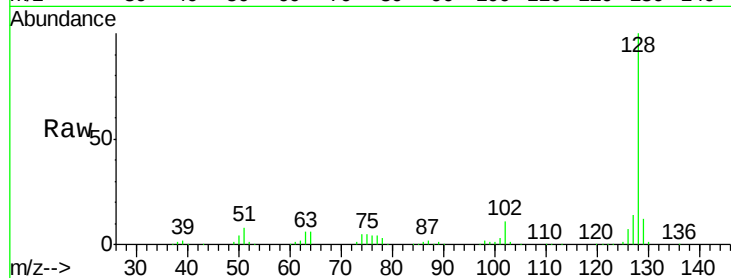
SSTDCCC040EC

Tgt Ion:	128	Resp:	703829
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.4	14.2
127	13.6	10.9	16.3

Manual Integrations

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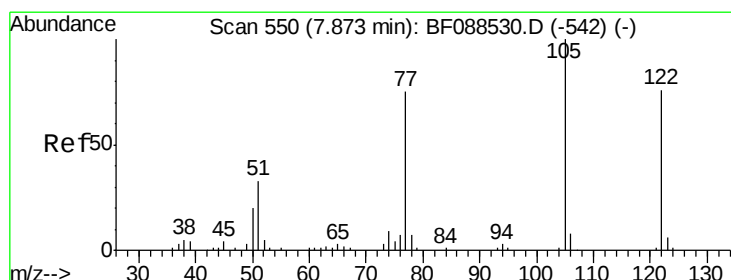
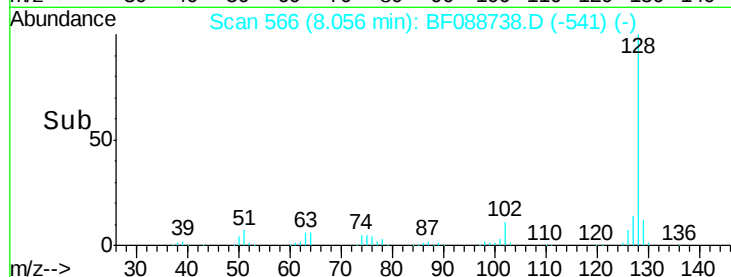
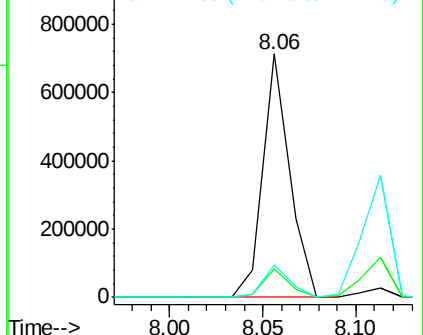
7/7/2016 1:55:44 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.07 ng

RT: 7.84 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF088738.D

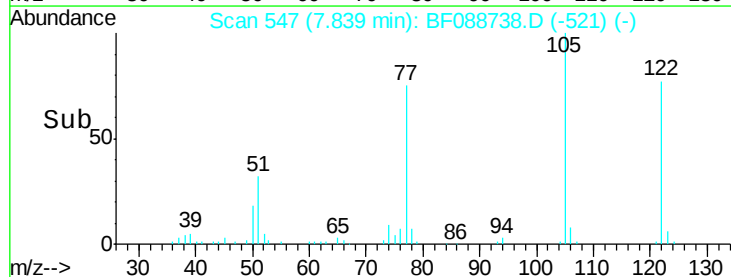
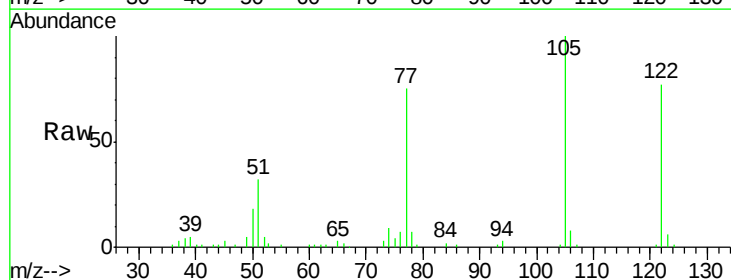
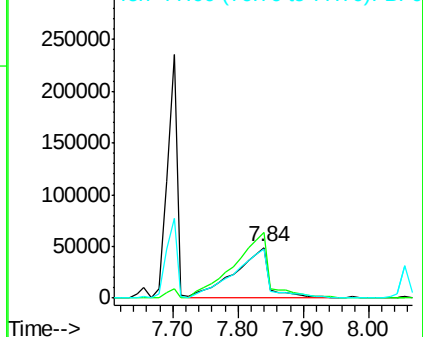
Acq: 6 Jul 2016 17:06

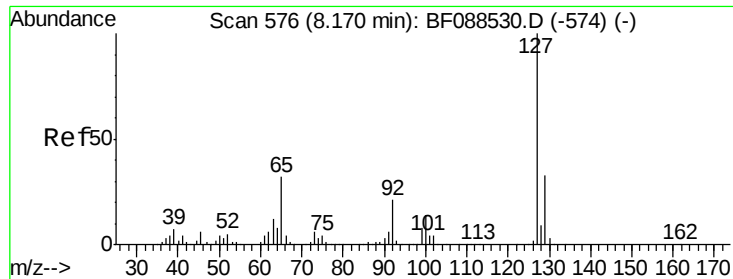
Tgt Ion:	122	Resp:	179314
Ion Ratio	Lower	Upper	
122	100		
105	130.6	101.6	141.6
77	98.0	70.6	110.6

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





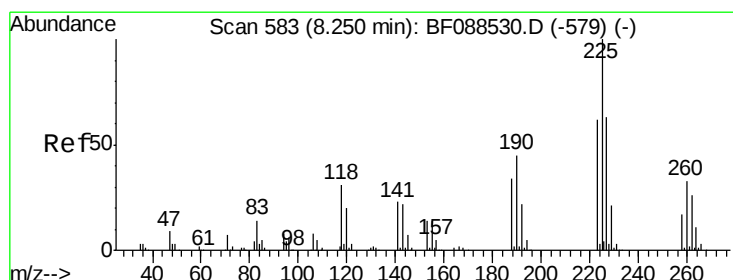
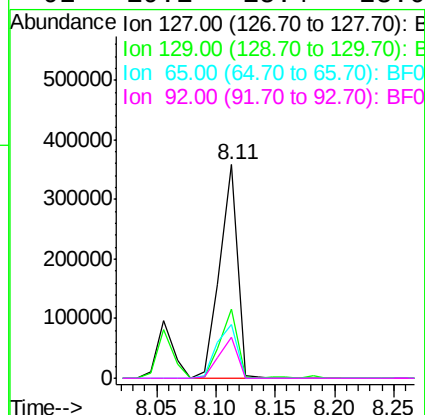
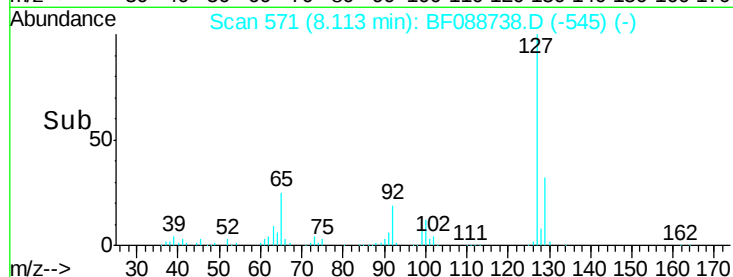
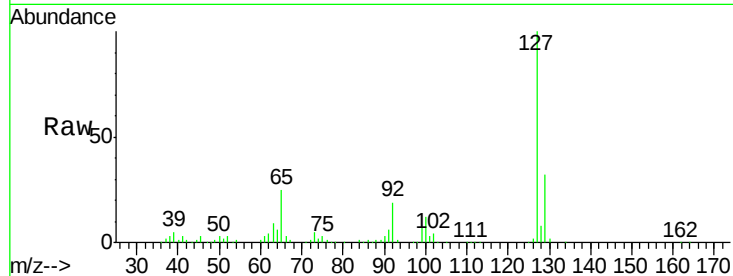
#33
4-Chloroaniline
Concen: 45.64 ng
RT: 8.11 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	366376		
129	32.4	26.3	39.5	
65	25.2	24.7	37.1	
92	19.1	15.4	23.0	

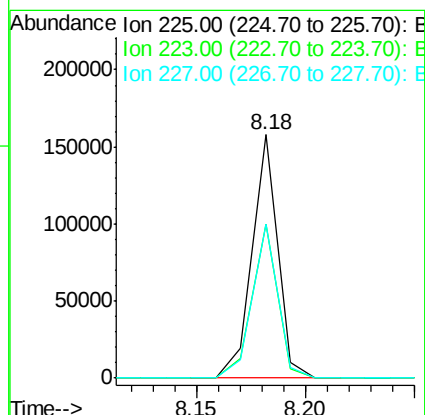
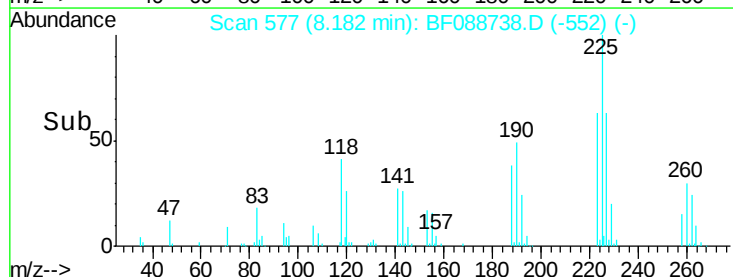
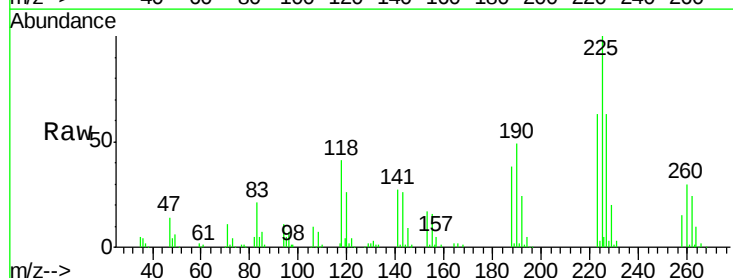
Manual Integrations

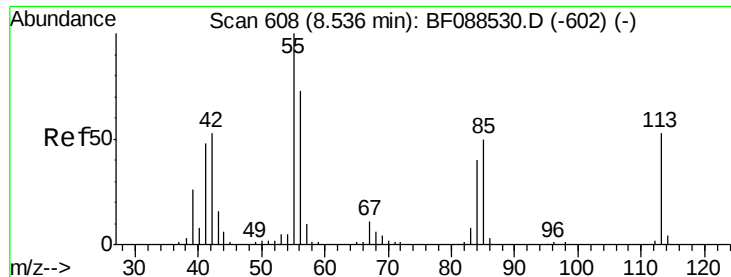
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#34
Hexachlorobutadiene
Concen: 44.99 ng
RT: 8.18 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	128497		
223	63.1	50.9	76.3	
227	63.0	51.9	77.9	





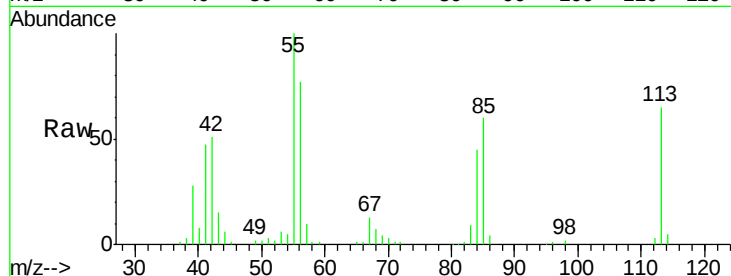
#35
 Caprolactam
 Concen: 46.41 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

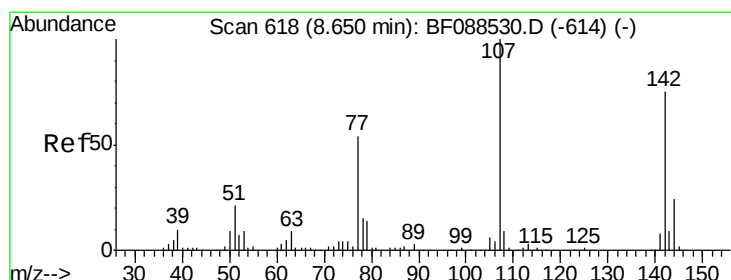
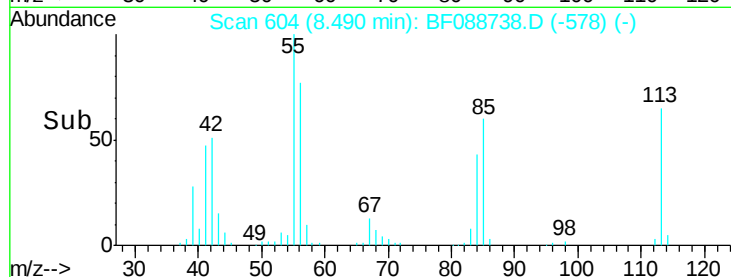
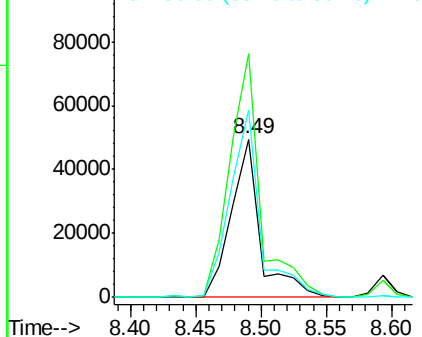
Tgt Ion:113 Resp: 76609
 Ion Ratio Lower Upper
 113 100
 55 153.8 158.6 198.6#
 56 118.6 110.6 150.6

Manual Integrations

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 SOHIL
 7/7/2016 1:55:44 AM

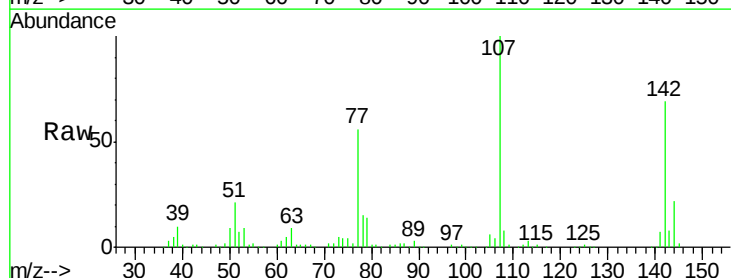


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

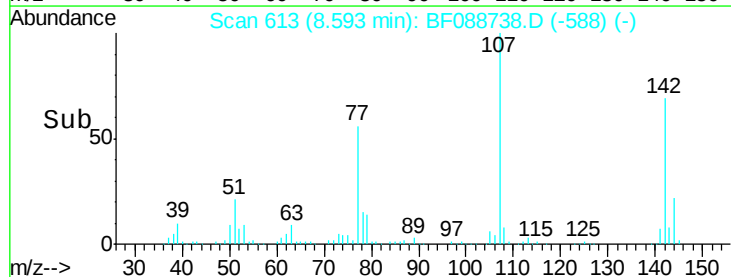
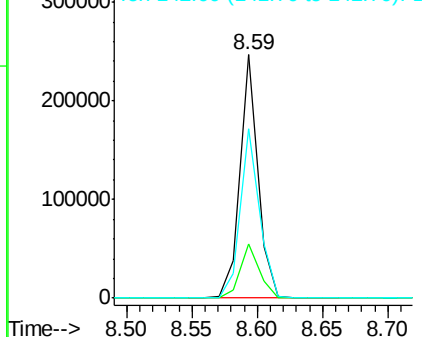


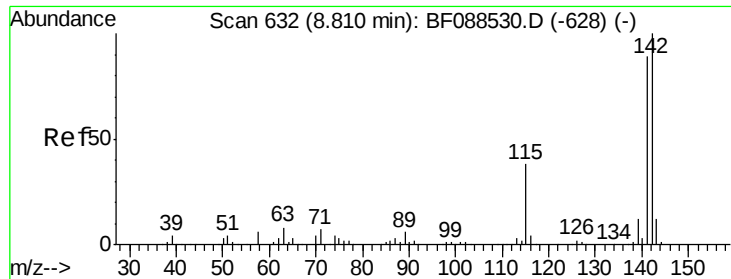
#36
 4-Chloro-3-methylphenol
 Concen: 40.74 ng
 RT: 8.59 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Tgt Ion:107 Resp: 234128
 Ion Ratio Lower Upper
 107 100
 144 22.4 20.8 31.2
 142 69.5 63.4 95.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





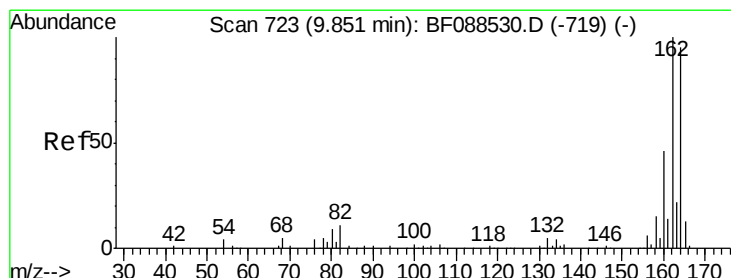
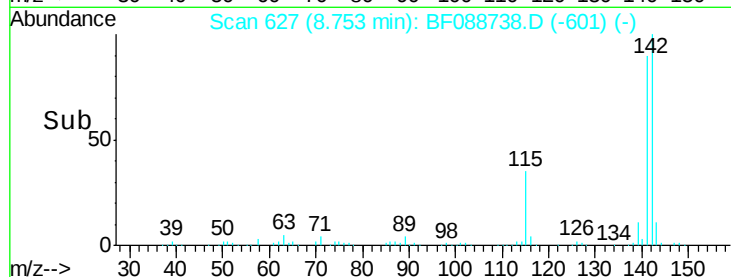
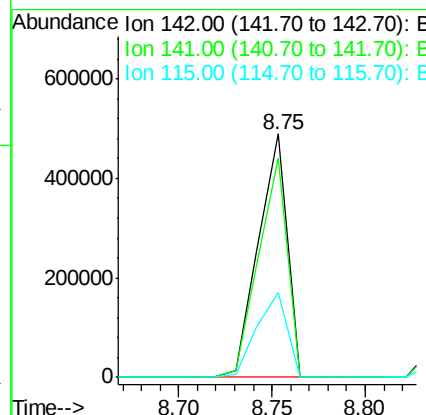
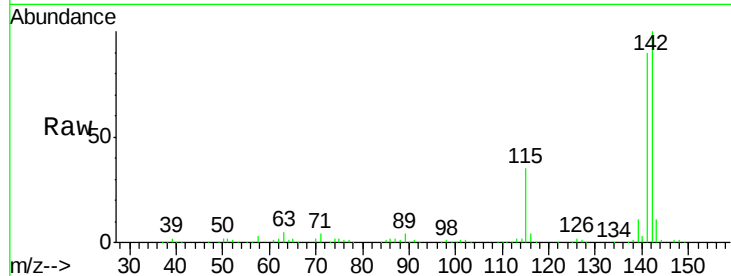
#37
2-Methylnaphthalene
Concen: 44.75 ng
RT: 8.75 min Scan# 627
Delta R.T. 0.00 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.0	106.6
115	35.0	22.6	33.8#

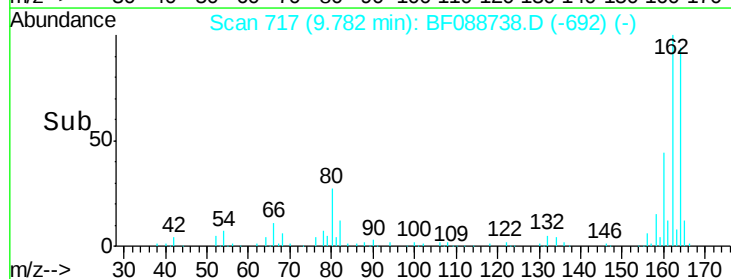
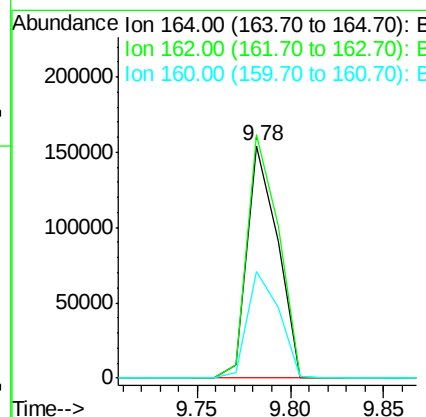
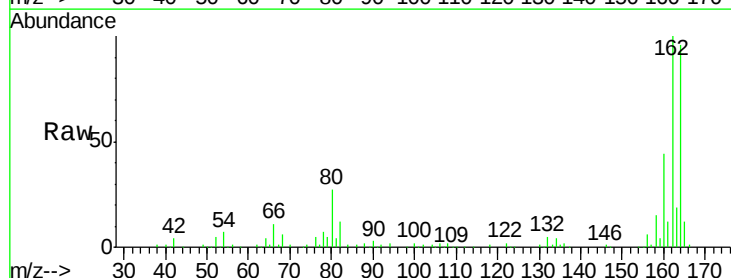
Manual Integrations

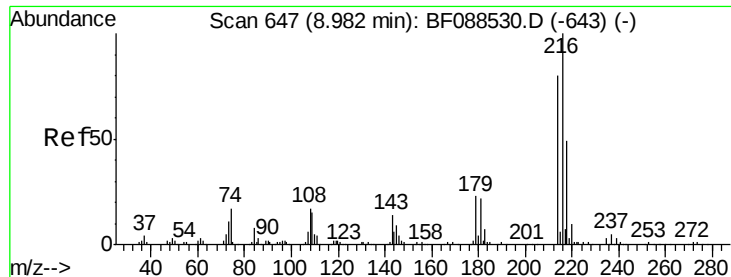
SOHIL
7/7/2016 1:55:44 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	85.4	128.2
160	45.9	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.89 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 216 Resp: 231624
Ion Ratio Lower Upper

216 100

214 79.3 2.9 4.3#

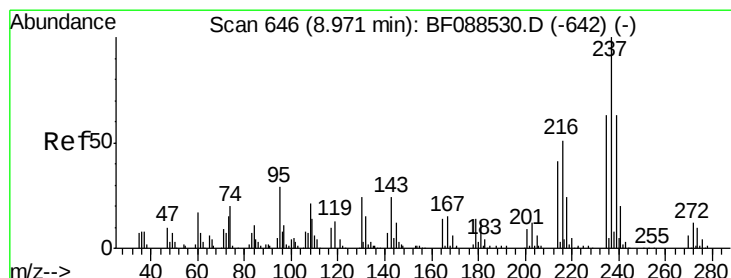
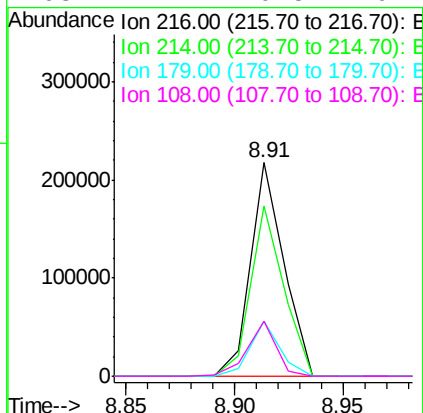
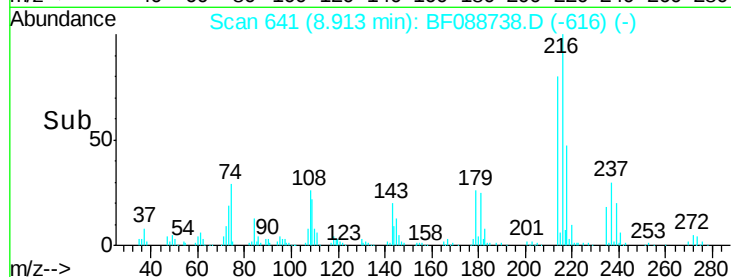
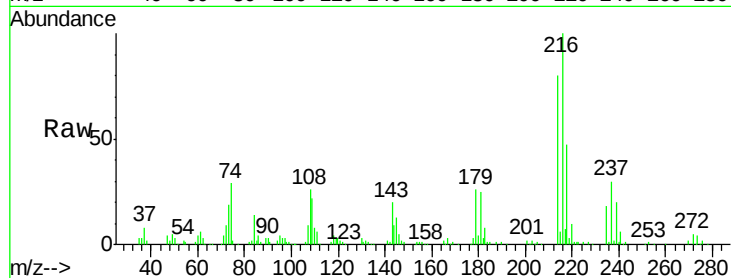
179 23.2 0.0 0.0#

108 22.4 0.5 0.7#

Manual Integrations

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7/7/2016 1:55:44 AM



#40

Hexachlorocyclopentadiene

Concen: 38.48 ng

RT: 8.90 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF088738.D

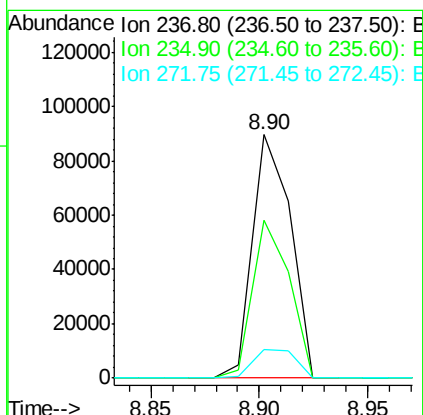
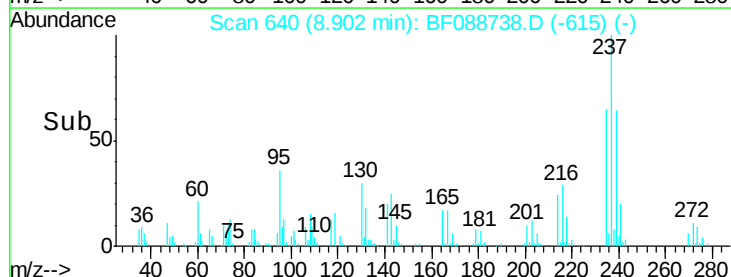
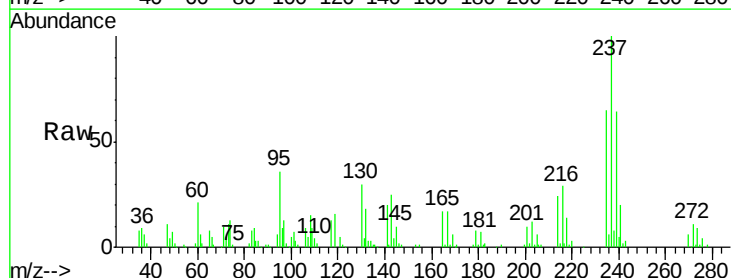
Acq: 6 Jul 2016 17:06

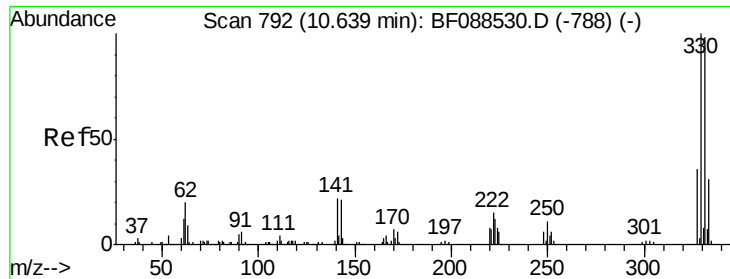
Tgt Ion: 237 Resp: 109674
Ion Ratio Lower Upper

237 100

235 65.0 43.4 83.4

272 11.5 0.0 32.3





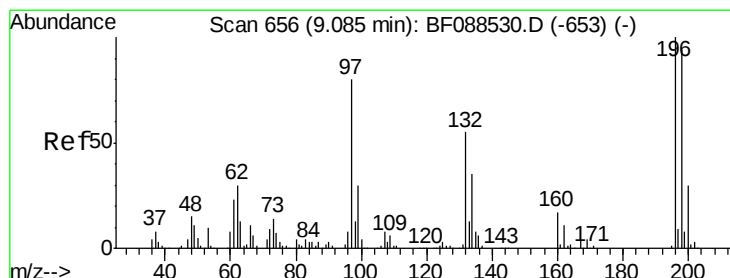
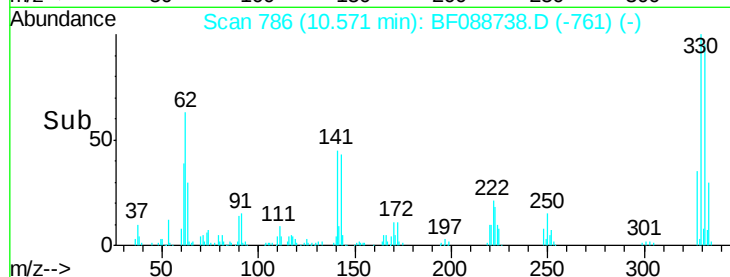
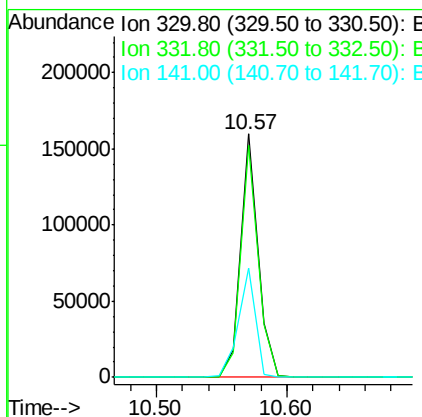
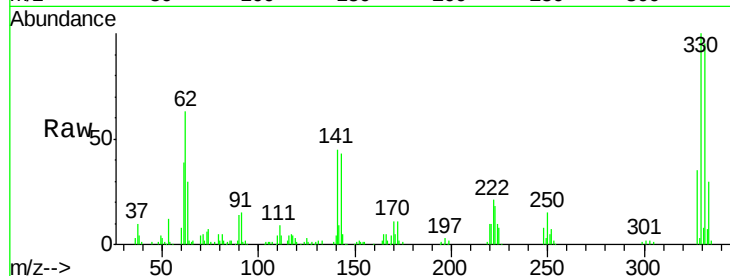
#41
 2,4,6-Tribromophenol
 Concen: 91.21 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	147890		
332	95.8	0.0	0.0	0.0
141	44.2	0.0	0.0	0.0

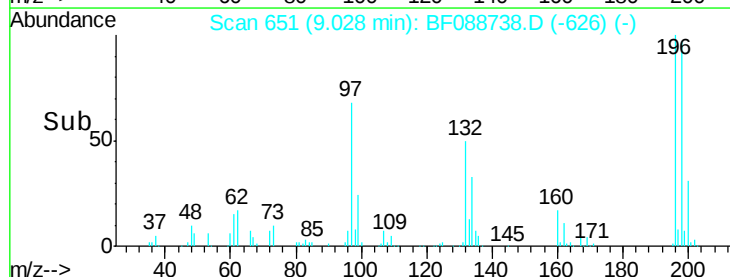
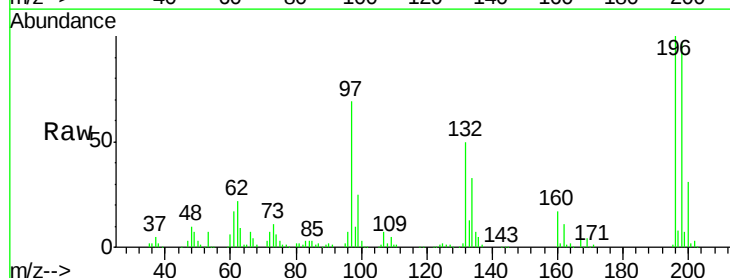
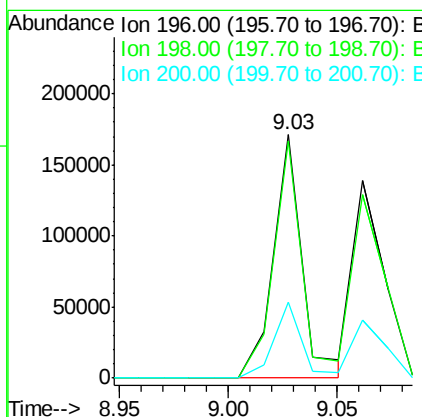
Manual Integrations

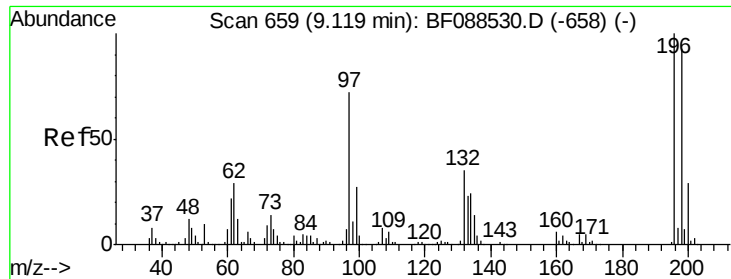
SOHIL
 7/7/2016 1:55:44 AM



#42
 2,4,6-Trichlorophenol
 Concen: 41.73 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

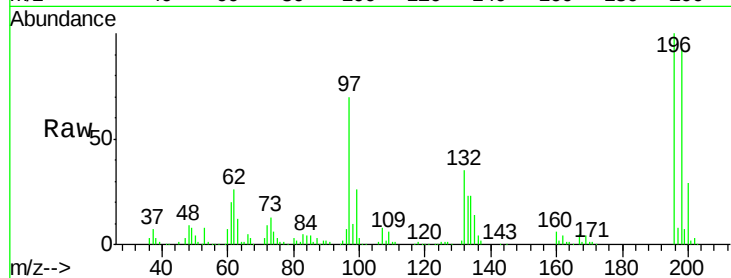
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	159776		
198	97.3	78.0	117.0	
200	31.0	25.4	38.2	





#43
 2,4,5-Trichlorophenol
 Concen: 42.67 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

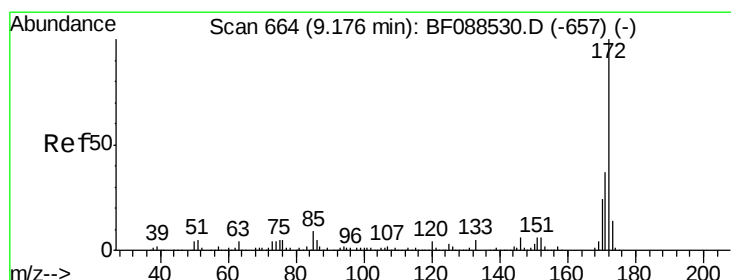
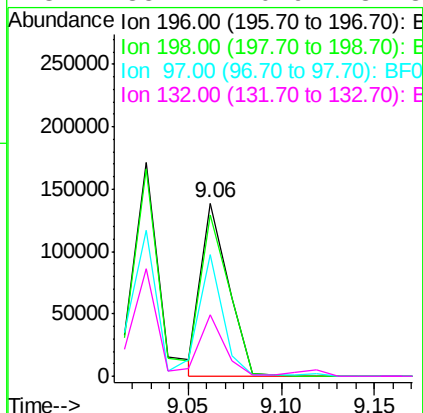
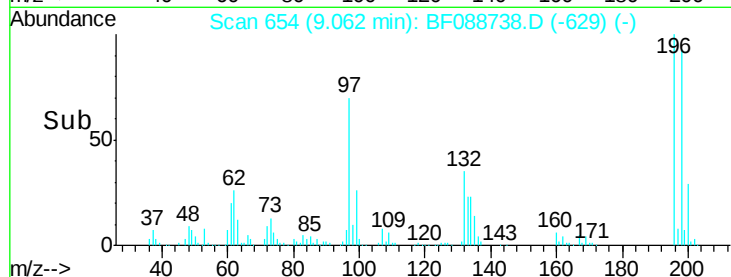
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	140569		
198	93.1	77.5	116.3	
97	70.3	32.0	48.0	#
132	35.4	20.9	31.3	#

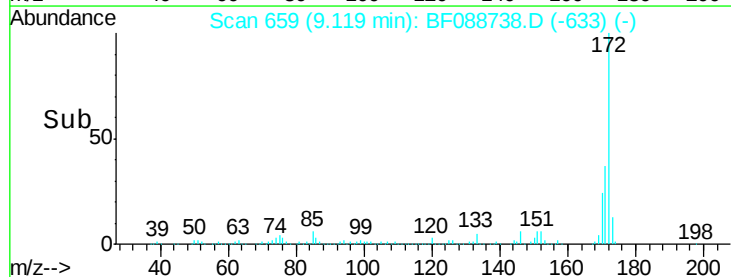
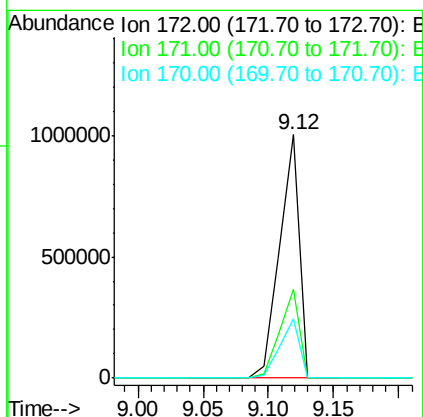
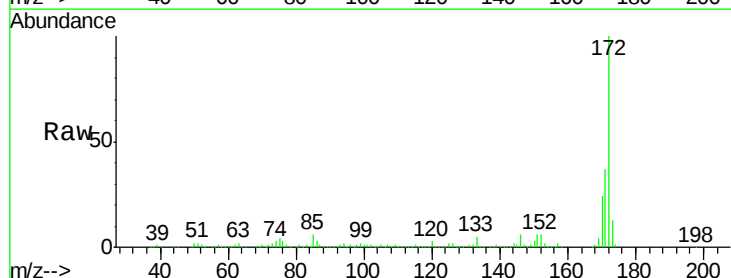
Manual Integrations

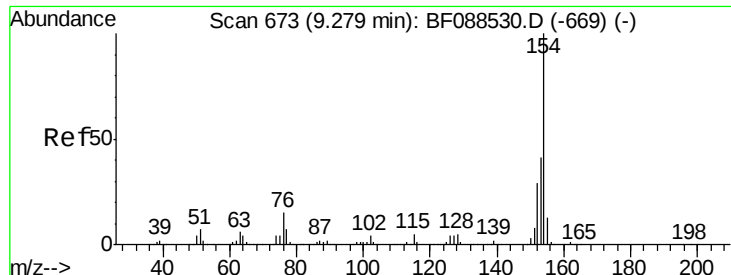
SOHIL
 7/7/2016 1:55:44 AM



#44
 2-Fluorobiphenyl
 Concen: 95.93 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1060367		
171	36.7	28.6	43.0	
170	24.4	19.2	28.8	





#45

1,1'-Biphenyl

Concen: 37.94 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF088738.D

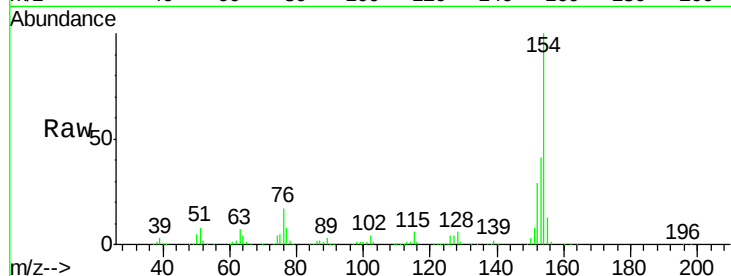
Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

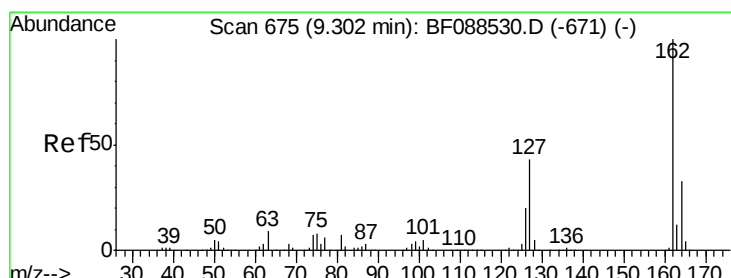
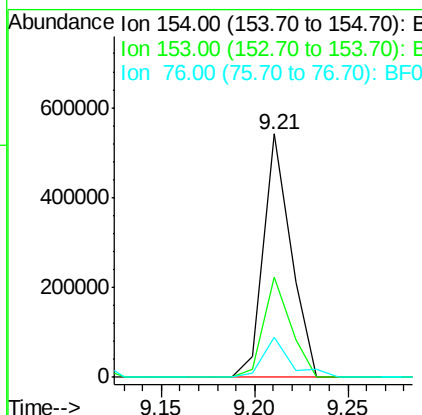
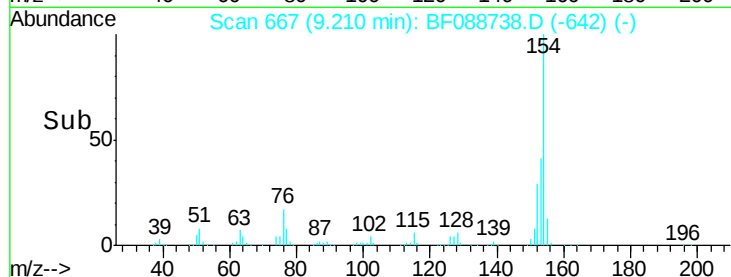


Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.6	60.6
76	16.6	0.0	35.1

Manual Integrations

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7/7/2016 1:55:44 AM



#46

2-Chloronaphthalene

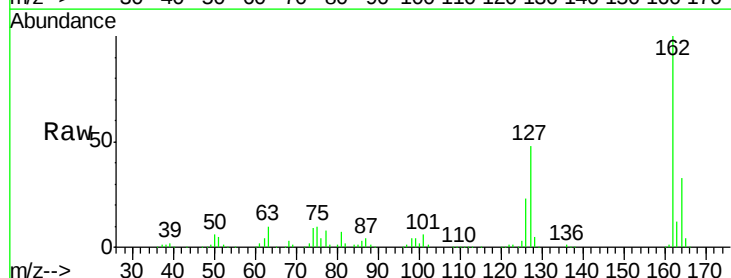
Concen: 39.03 ng

RT: 9.23 min Scan# 669

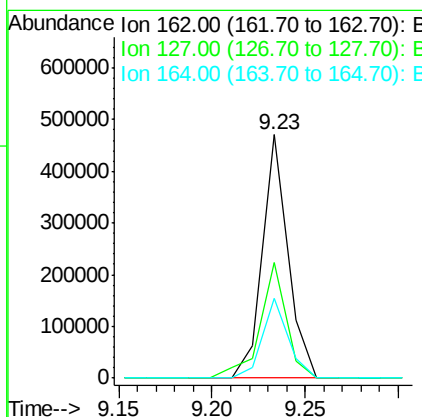
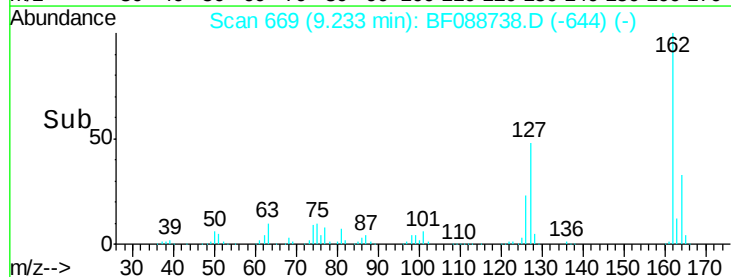
Delta R.T. -0.01 min

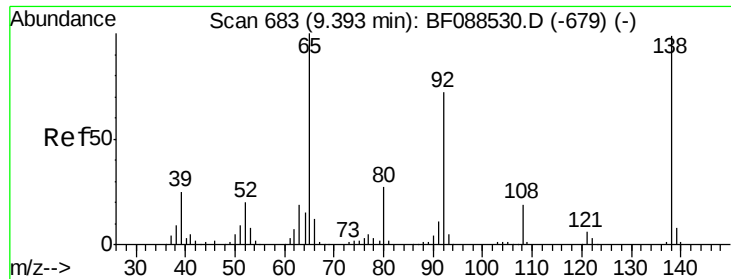
Lab File: BF088738.D

Acq: 6 Jul 2016 17:06



Tgt Ion	Ratio	Lower	Upper
162	100		
127	47.7	35.2	52.8
164	32.7	26.6	39.8





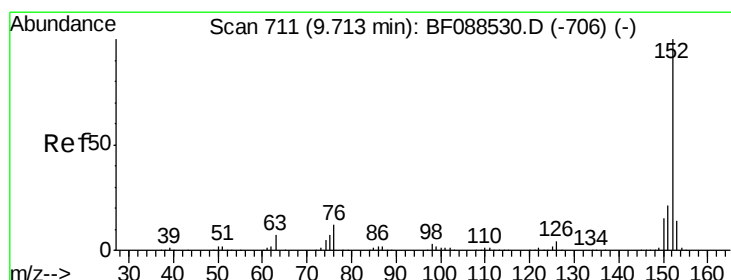
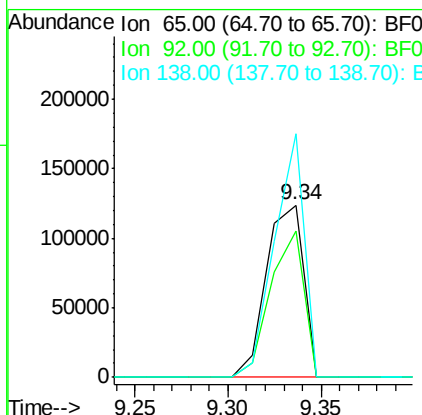
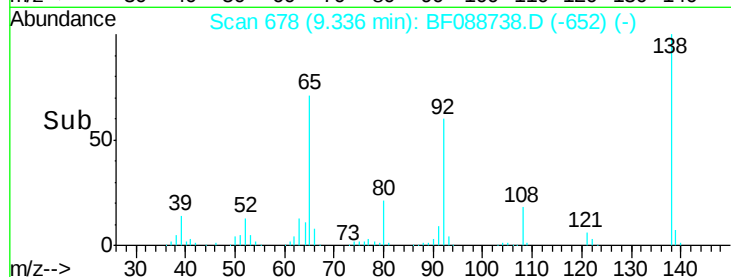
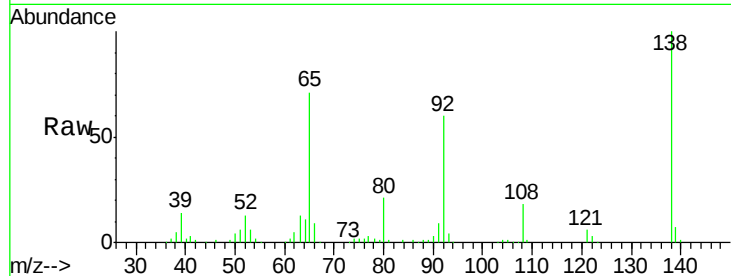
#47
 2-Nitroaniline
 Concen: 42.71 ng
 RT: 9.34 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 65 Resp: 172040
 Ion Ratio Lower Upper
 65 100
 92 85.0 54.6 82.0#
 138 141.4 77.0 115.4#

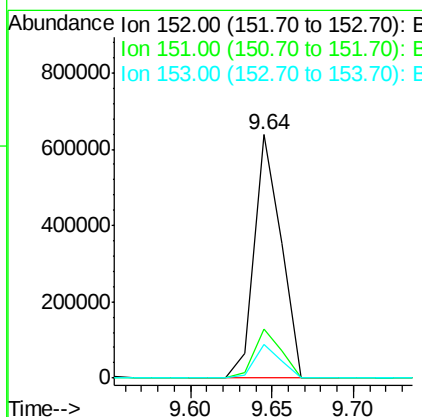
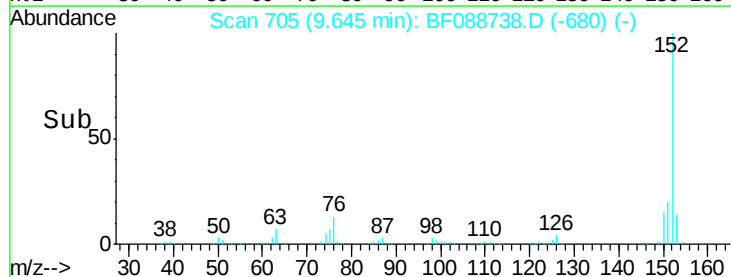
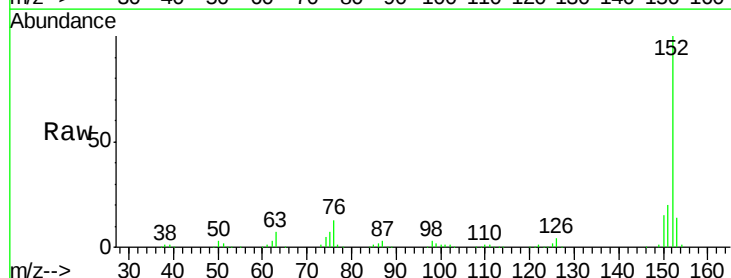
Manual Integrations

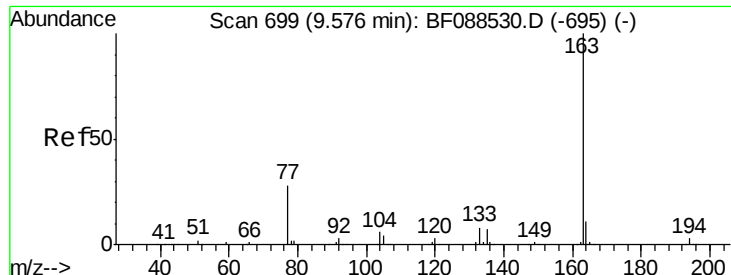
APPROVED
 SOHIL
 7/7/2016 1:55:44 AM



#48
 Acenaphthylene
 Concen: 40.30 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Tgt Ion: 152 Resp: 727743
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.2 24.4
 153 13.6 11.0 16.6





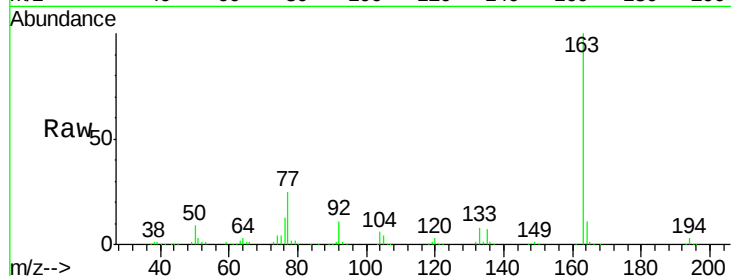
#49
Dimethylphthalate
Concen: 42.08 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

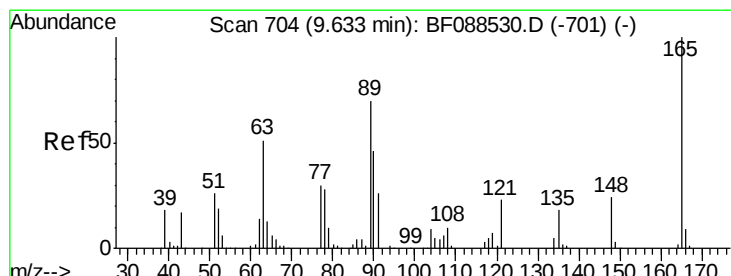
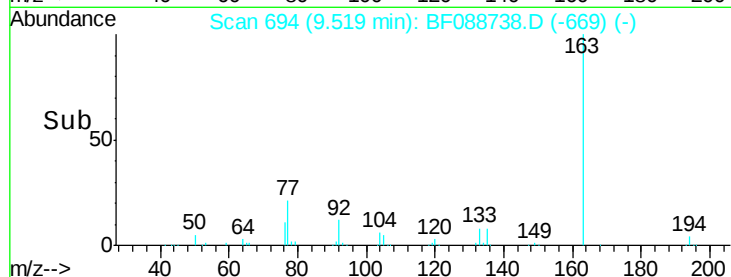
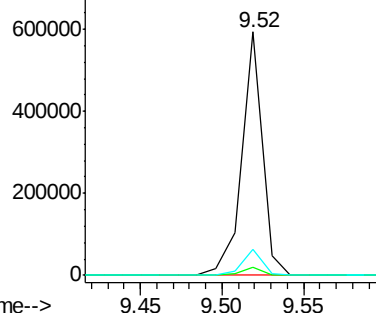
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	523471		
194	3.2		2.8	4.2
164	10.5		8.3	12.5

Manual Integrations

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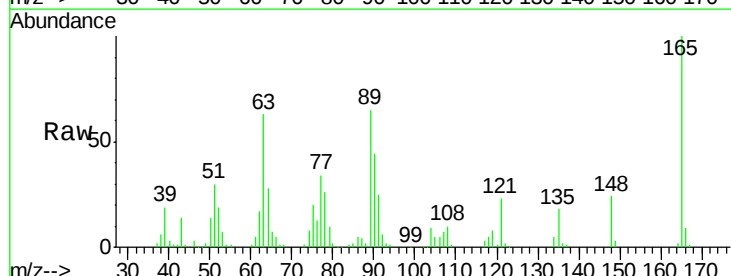


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

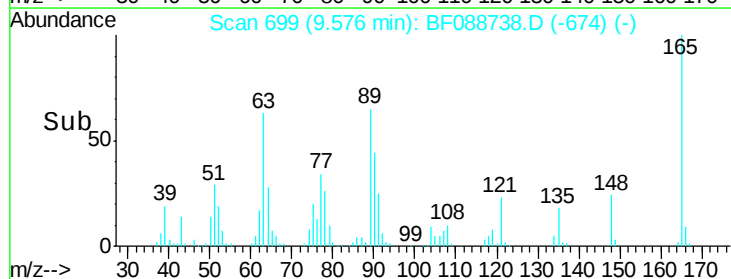
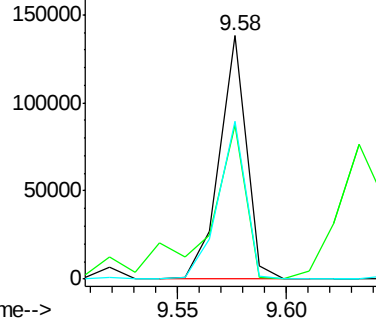


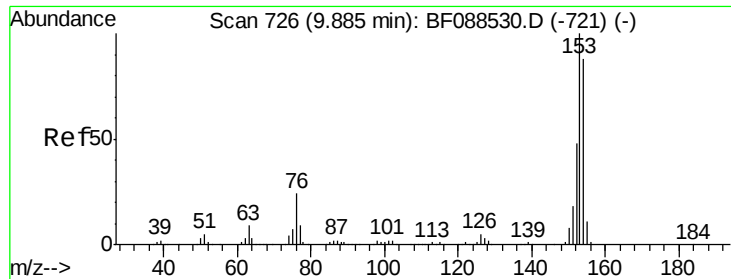
#50
2,6-Dinitrotoluene
Concen: 43.24 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	119196		
63	63.2		28.1	42.1#
89	65.0		32.2	48.2#



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





#51

Acenaphthene

Concen: 42.29 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

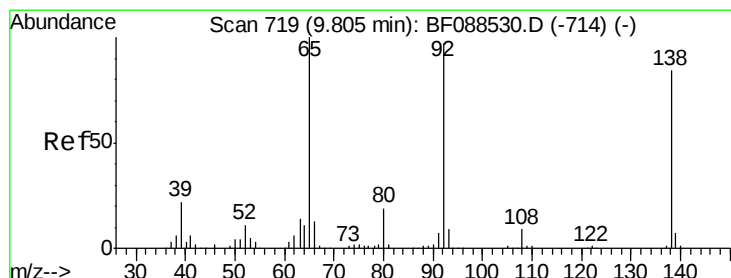
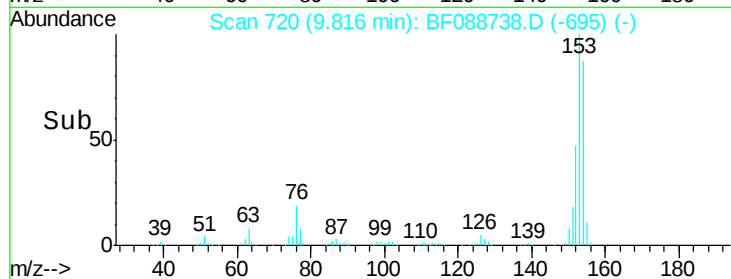
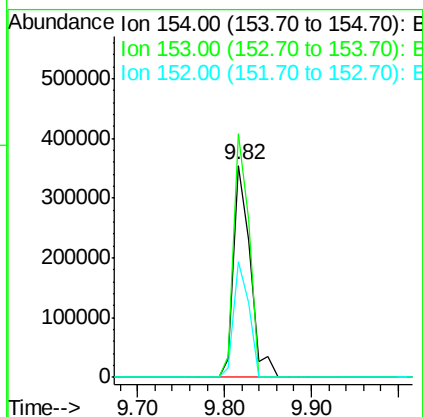
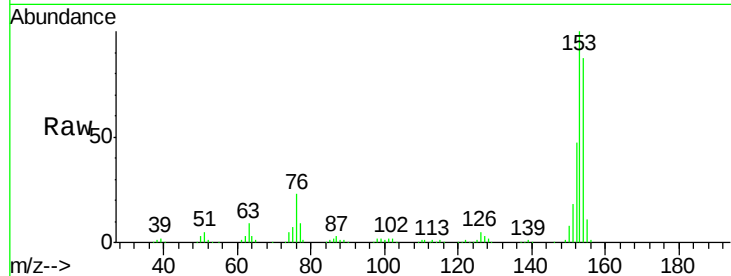
SSTDCCC040EC

Tgt Ion:	154	Resp:	468102
Ion Ratio	Lower	Upper	
154	100		
153	114.7	89.5	134.3
152	54.3	42.7	64.1

Manual Integrations

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7/7/2016 1:55:44 AM



#52

3-Nitroaniline

Concen: 48.39 ng

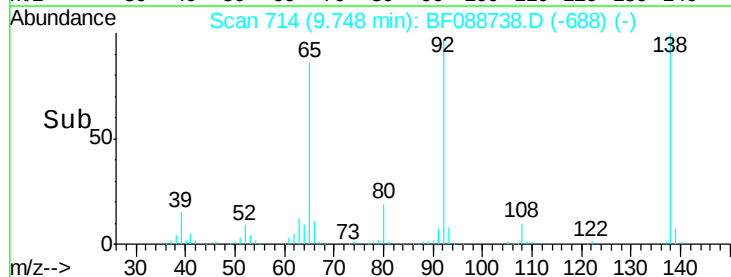
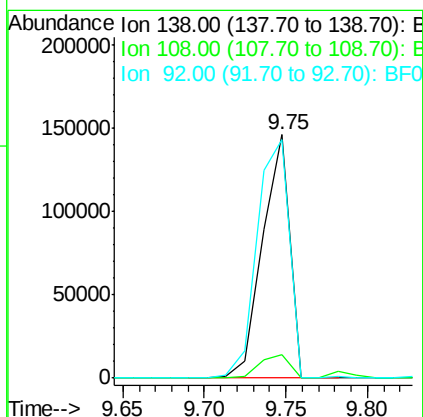
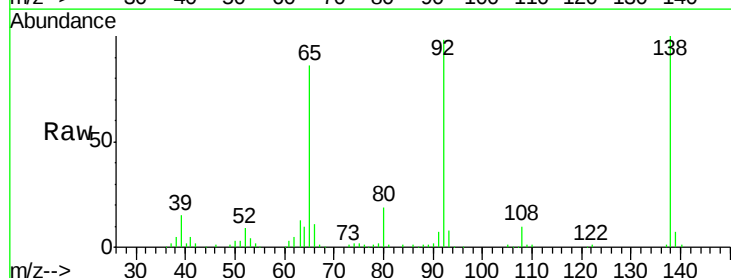
RT: 9.75 min Scan# 714

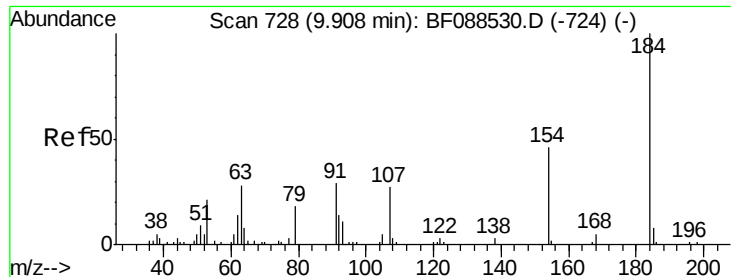
Delta R.T. 0.00 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Tgt Ion:	138	Resp:	169580
Ion Ratio	Lower	Upper	
138	100		
108	9.8	8.5	12.7
92	98.0	95.7	143.5





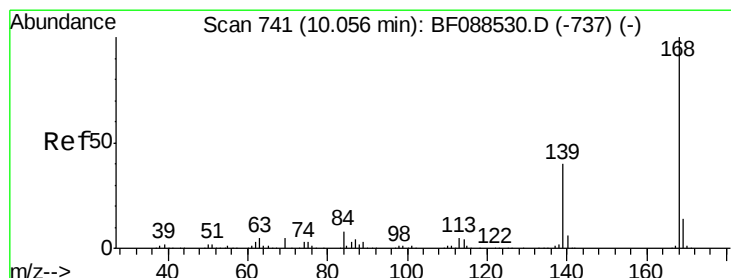
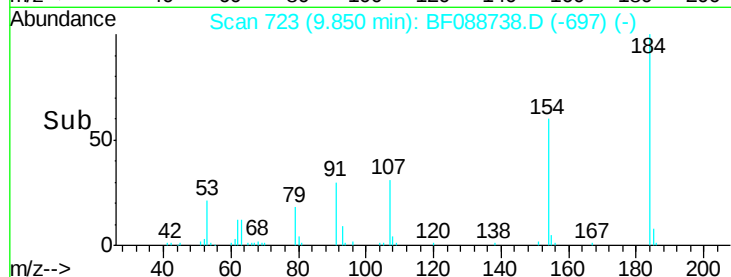
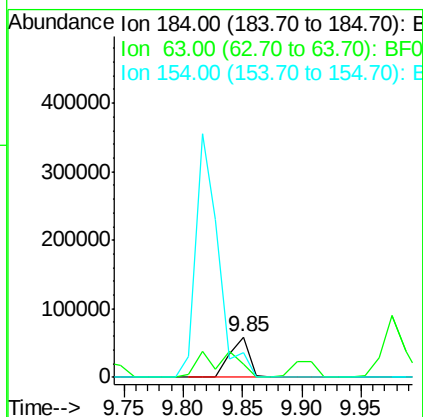
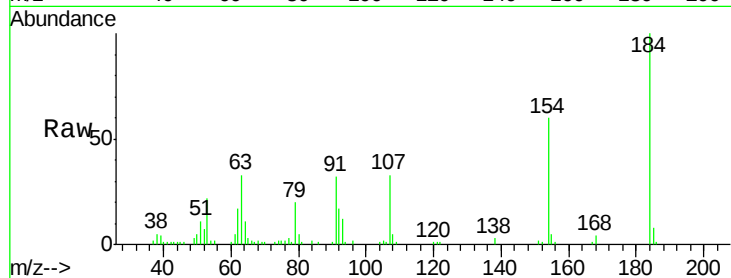
#53
2,4-Dinitrophenol
Concen: 56.44 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
184	100		
63	32.8	57.6	86.4#
154	59.9	53.5	80.3

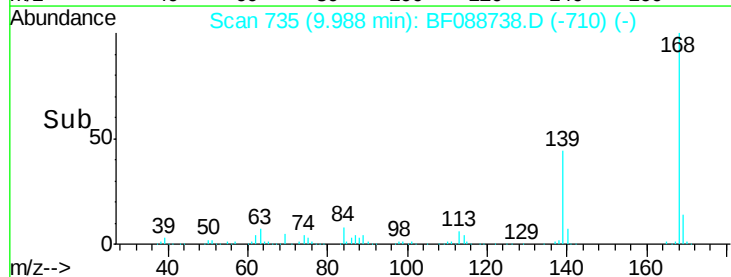
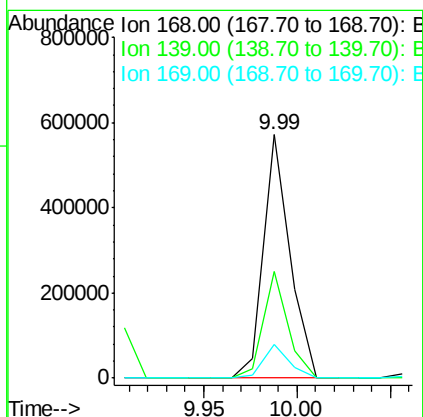
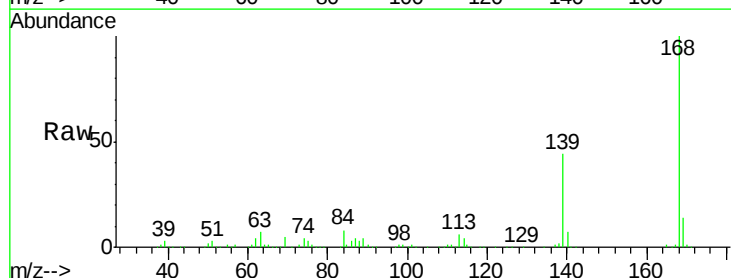
Manual Integrations

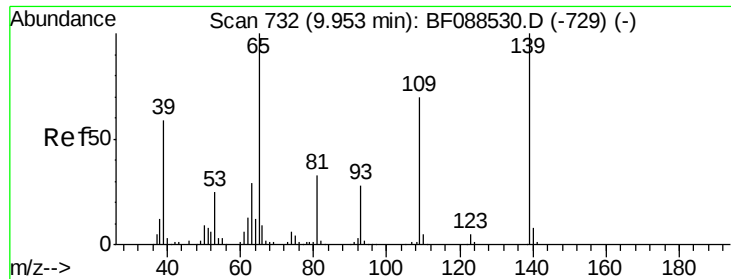
SOHIL
7/7/2016 1:55:44 AM



#54
Dibenzofuran
Concen: 39.17 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.8	26.4	39.6#
169	13.9	10.4	15.6





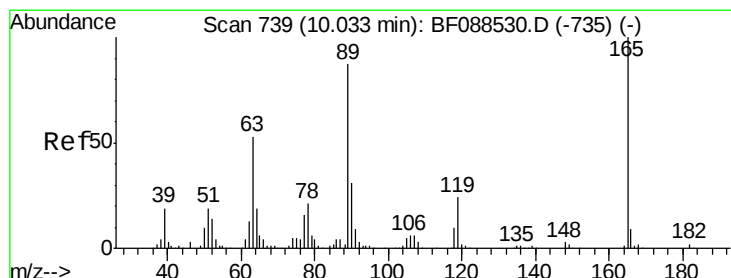
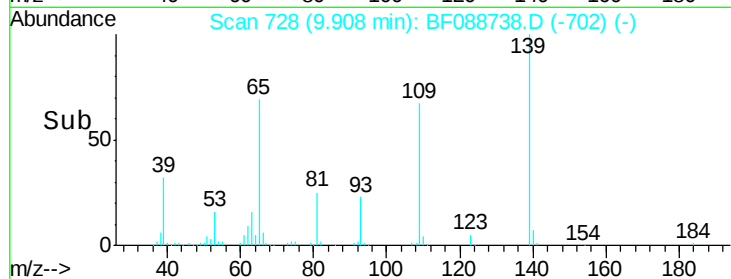
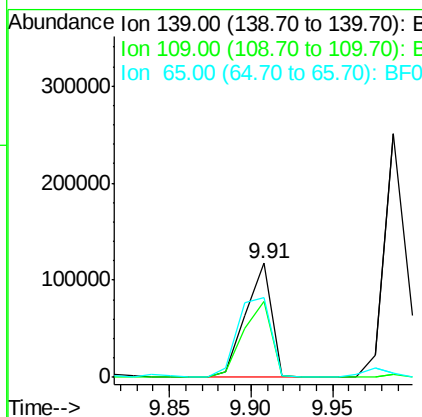
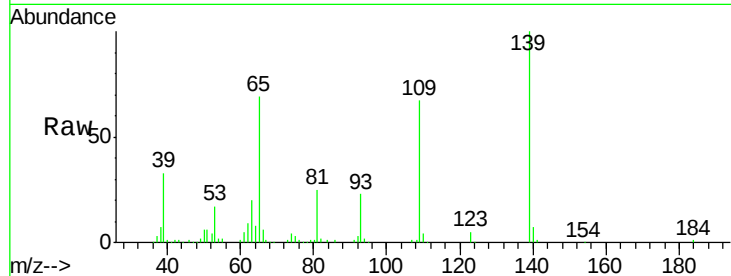
#55
4-Nitrophenol
Concen: 48.97 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:139 Resp: 130409
Ion Ratio Lower Upper
139 100
109 66.7 48.9 88.9
65 69.5 84.9 124.9#

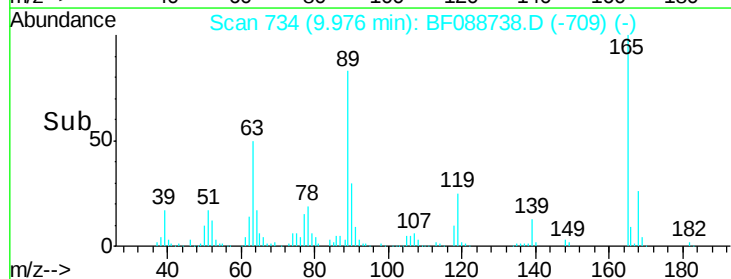
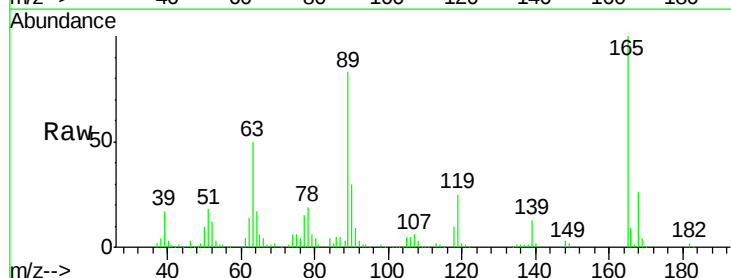
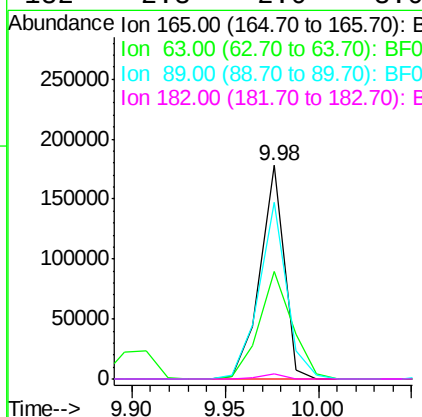
Manual Integrations

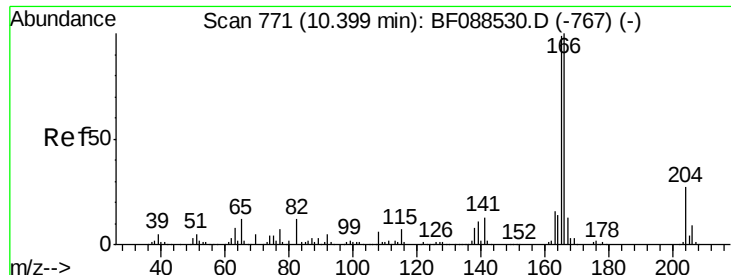
SOHIL
7/7/2016 1:55:44 AM



#56
2,4-Dinitrotoluene
Concen: 44.05 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion:165 Resp: 158766
Ion Ratio Lower Upper
165 100
63 50.4 22.0 33.0#
89 82.6 41.1 61.7#
182 2.3 2.0 3.0





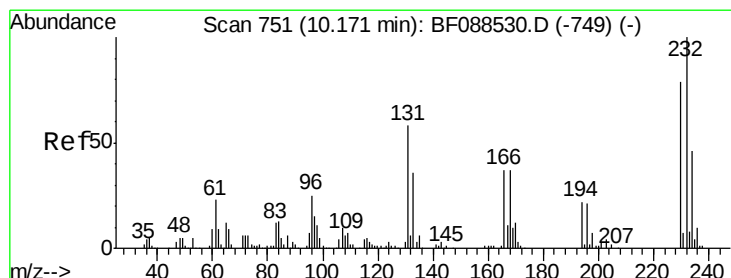
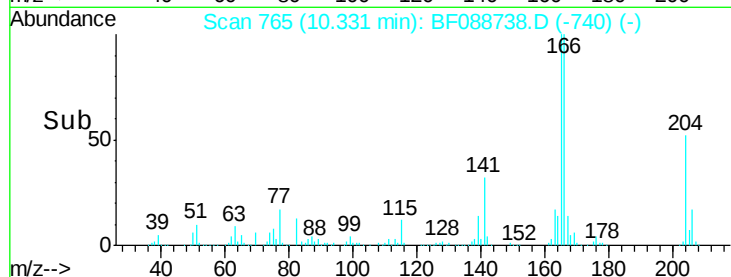
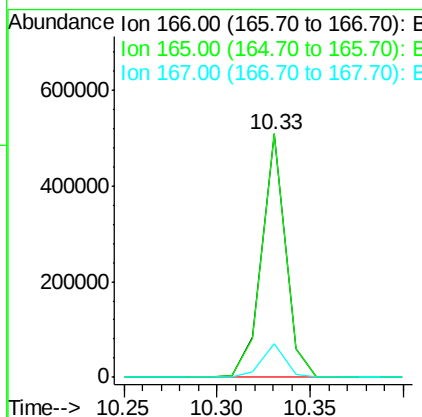
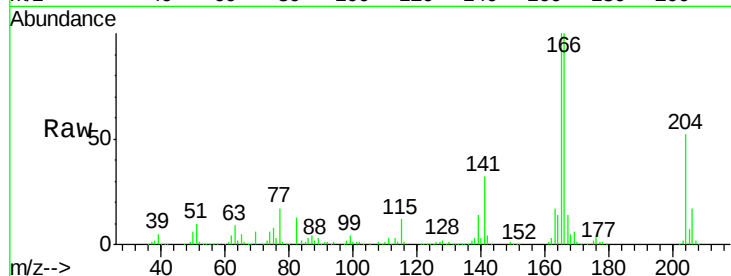
#57
Fluorene
 Concen: 40.22 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	77.8	116.8
167	13.9	11.2	16.8

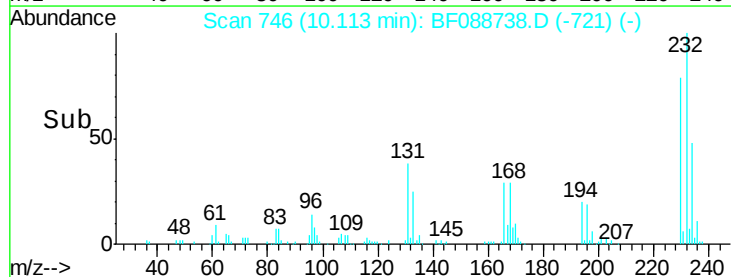
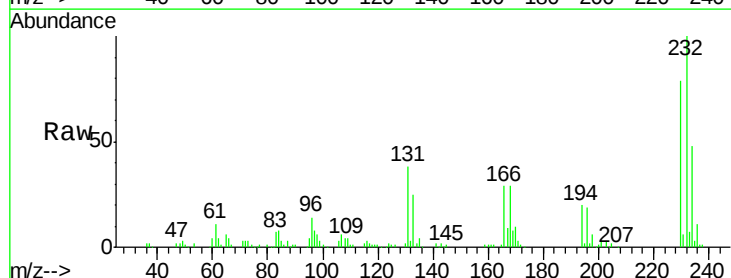
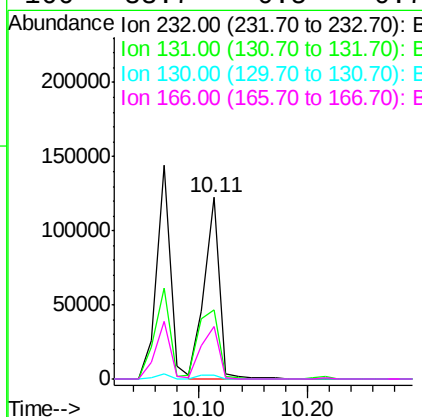
Manual Integrations

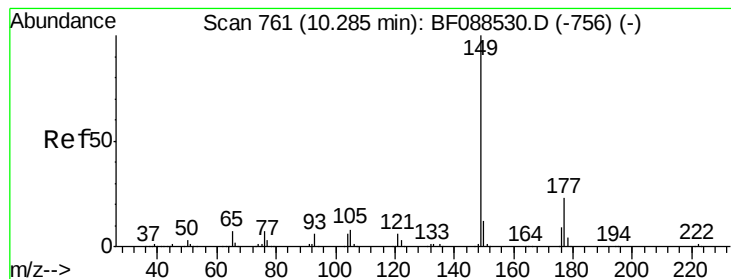
APPROVED
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 47.49 ng
 RT: 10.11 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.3	0.9	1.3#
130	2.6	1.5	2.3#
166	33.7	0.5	0.7#





#59

Diethylphthalate

Concen: 44.80 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

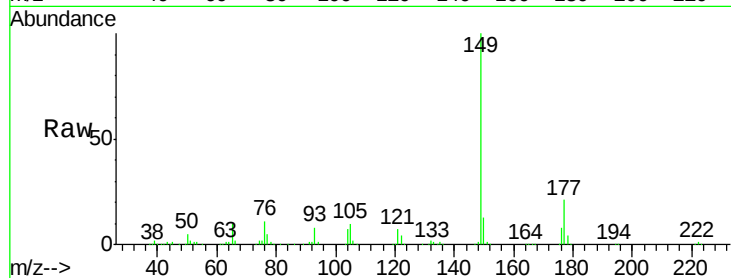
ClientSampleId :

SSTDCCC040EC

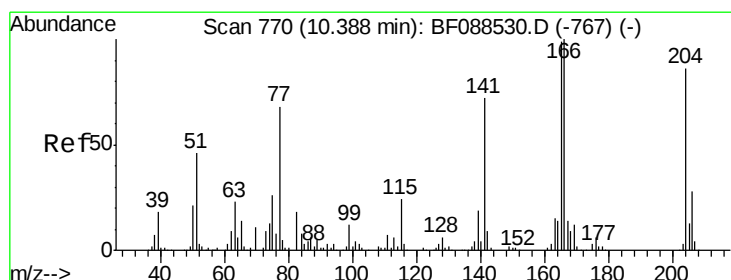
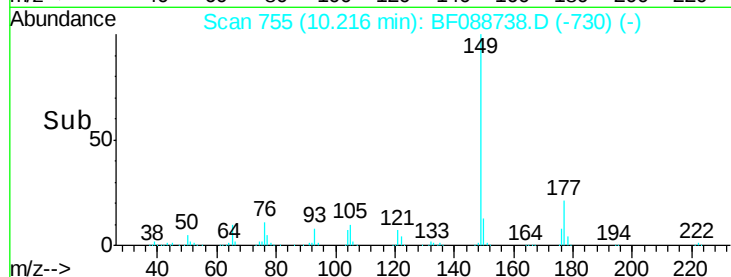
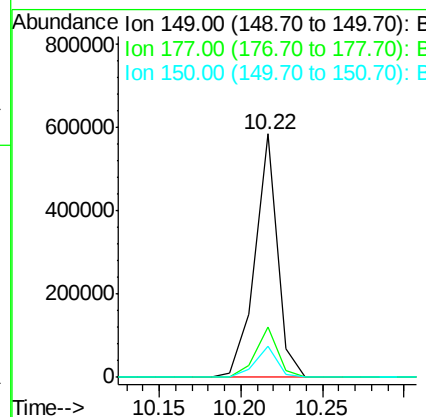
Manual Integrations

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Tgt Ion:	149	Resp:	559233
Ion Ratio	Lower	Upper	
149	100		
177	20.9	16.9	25.3
150	12.7	10.1	15.1



#60

4-Chlorophenyl-phenylether

Concen: 46.03 ng

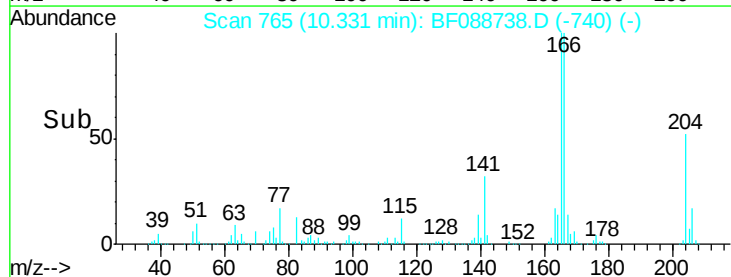
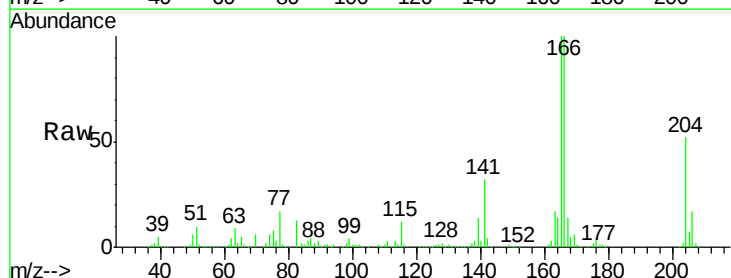
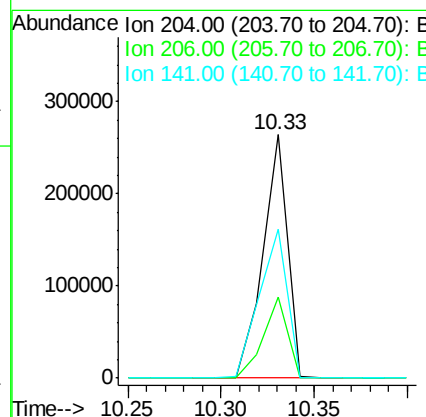
RT: 10.33 min Scan# 765

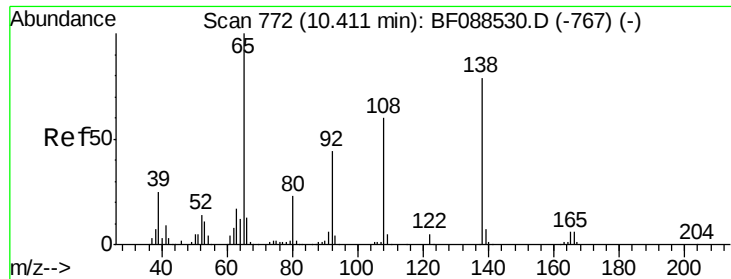
Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Tgt Ion:	204	Resp:	238813
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.3	39.5
141	61.3	55.0	82.6





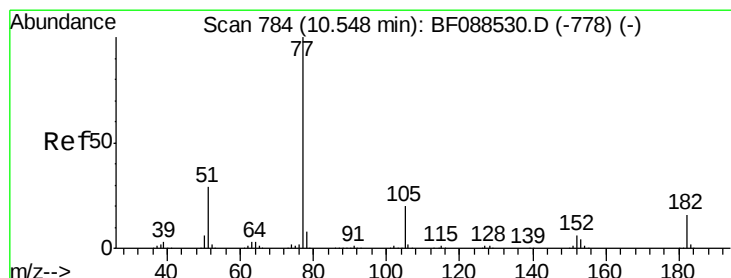
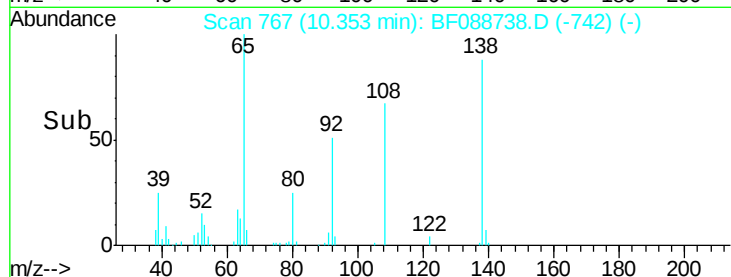
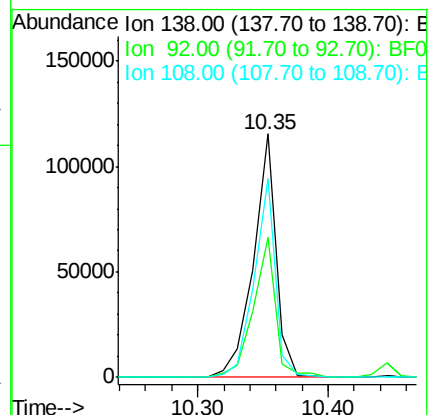
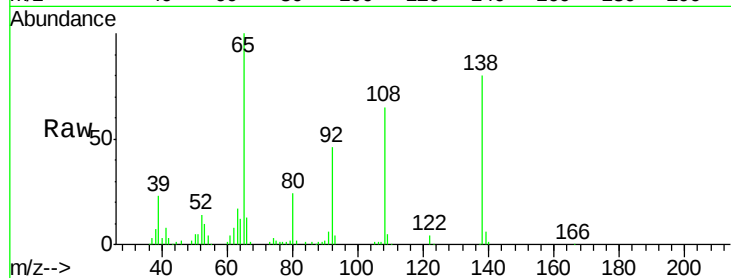
#61
4-Nitroaniline
Concen: 41.53 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.6	27.3	67.3
108	81.4	46.7	86.7

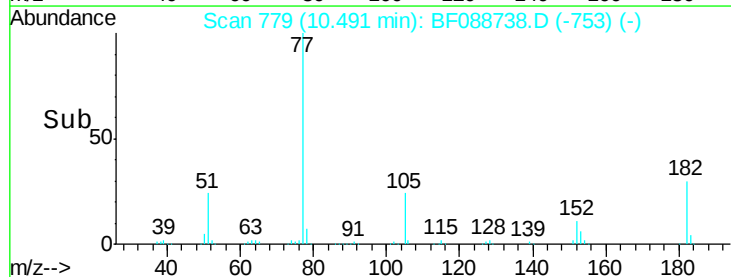
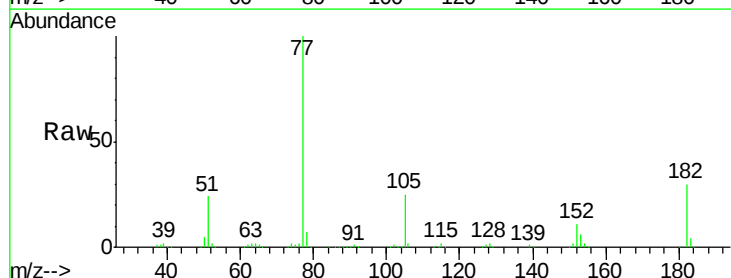
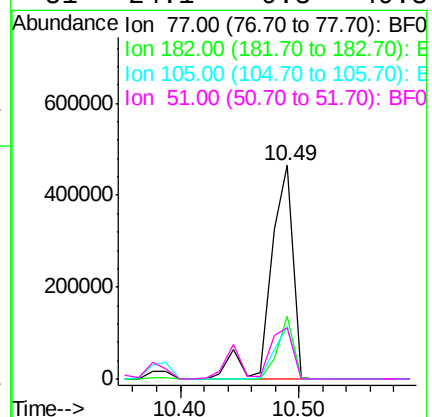
Manual Integrations

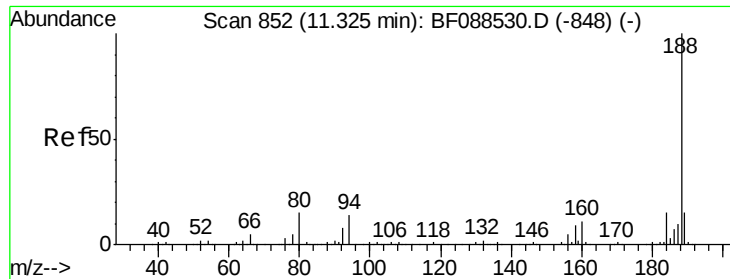
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7/7/2016 1:55:44 AM



#62
Azobenzene
Concen: 42.87 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

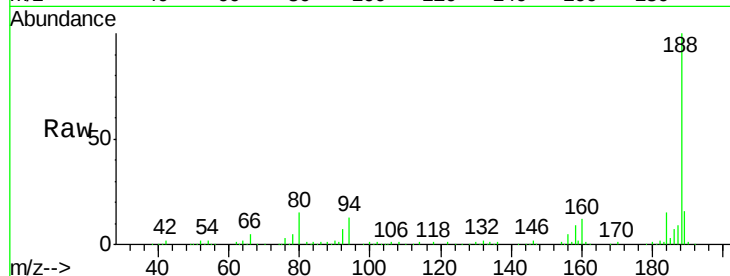
Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.6	4.4	44.4
105	24.8	3.8	43.8
51	24.1	9.3	49.3





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

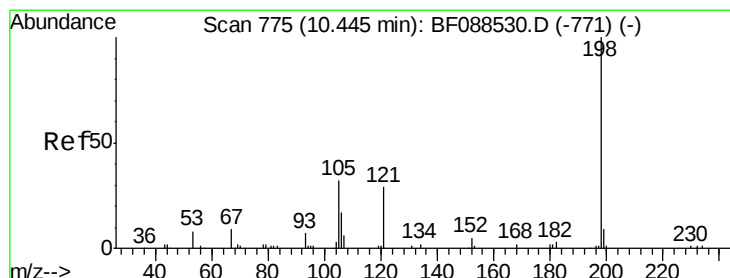
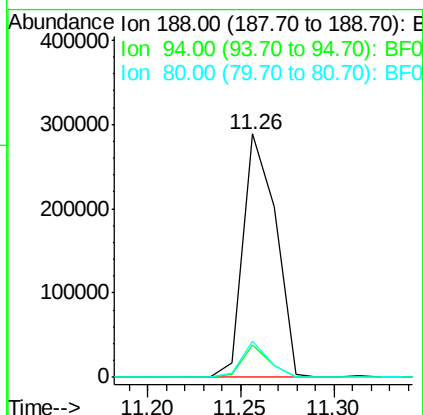
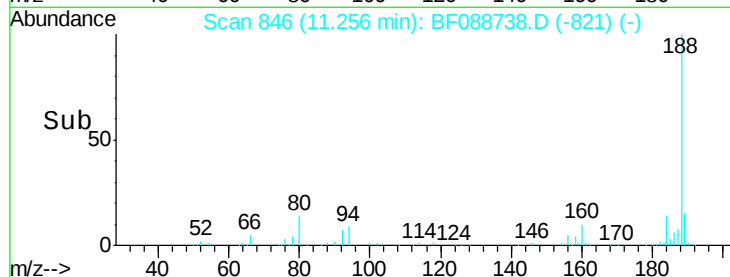
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
188	100	350784		
94	13.2	9.0	13.6	
80	14.7	10.0	15.0	

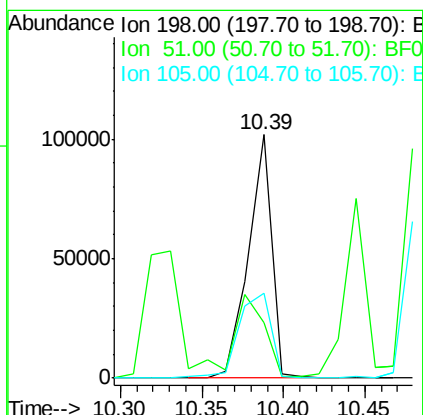
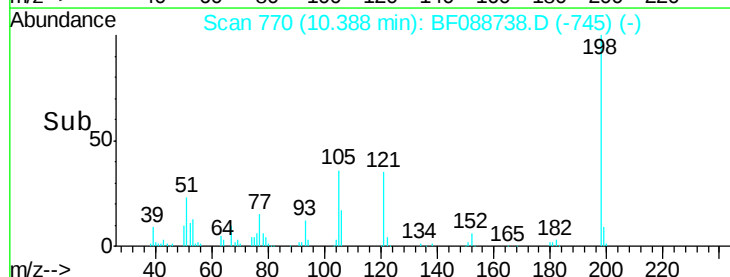
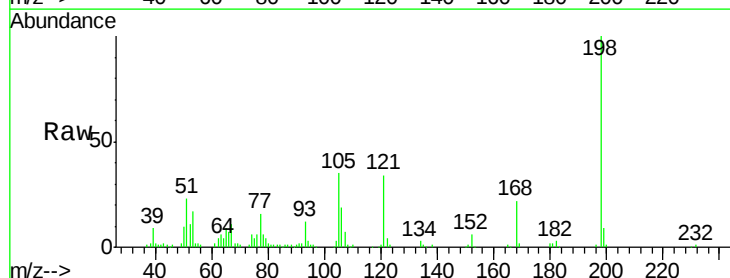
Manual Integrations

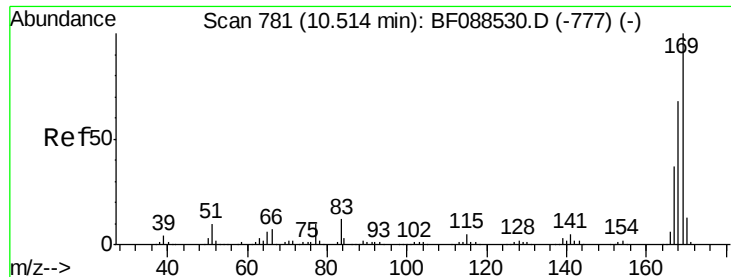
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#64
4,6-Dinitro-2-methylphenol
Concen: 53.86 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

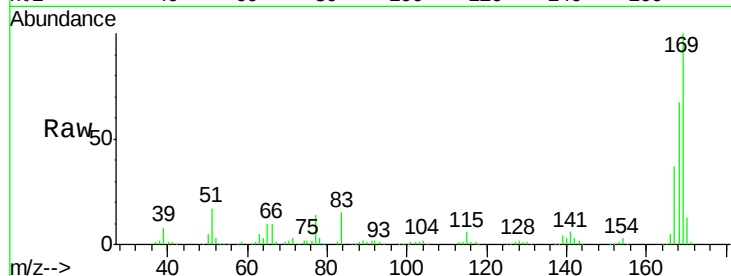
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	101058		
51	22.9	39.6	79.6#	
105	34.9	36.6	76.6#	





#65
n-Nitrosodiphenylamine
Concen: 36.25 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

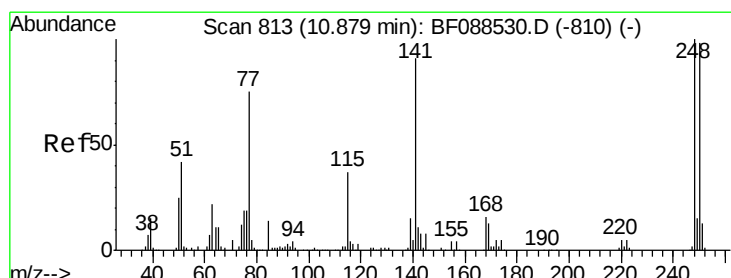
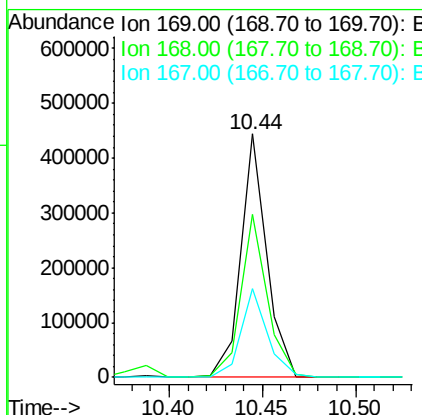
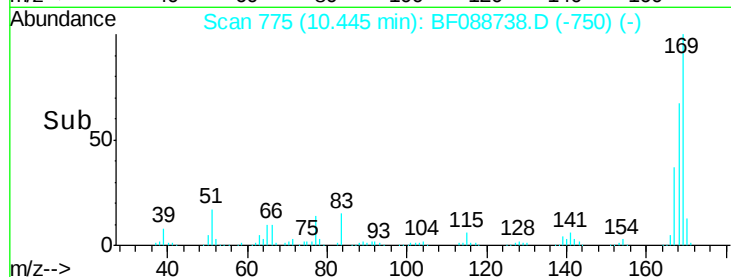
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



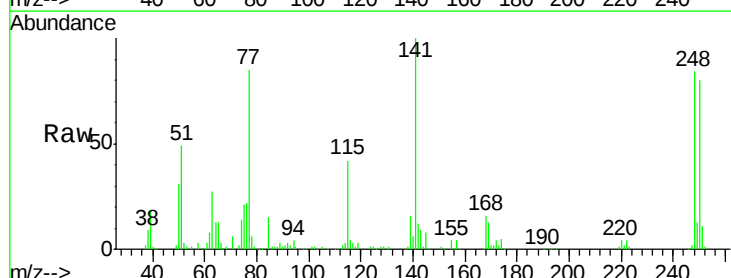
Tgt Ion:169 Resp: 430367
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.0
167 36.7 29.4 44.0

Manual Integrations

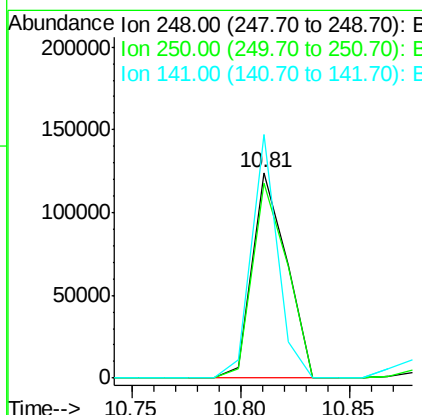
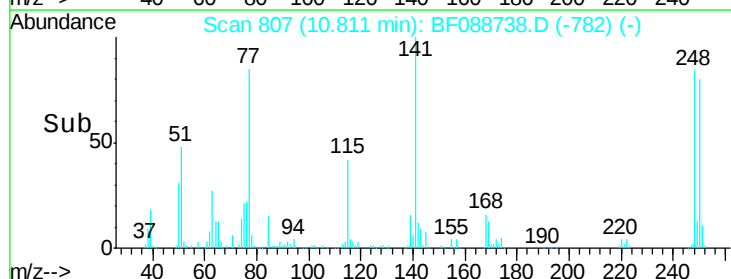
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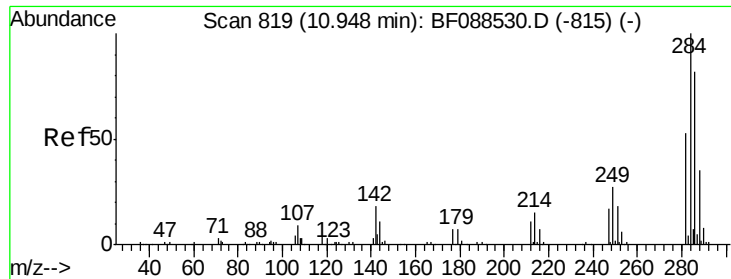


#66
4-Bromophenyl-phenylether
Concen: 38.55 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06



Tgt Ion:248 Resp: 136282
Ion Ratio Lower Upper
248 100
250 94.7 77.1 115.7
141 118.4 50.6 76.0#





#67

Hexachlorobenzene

Concen: 42.87 ng

RT: 10.88 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF088738.D

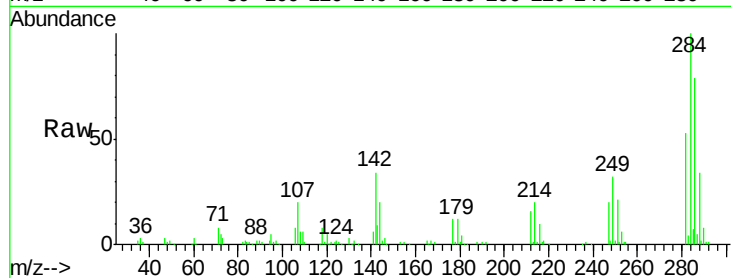
Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:284 Resp: 167768

Ion Ratio Lower Upper

284 100

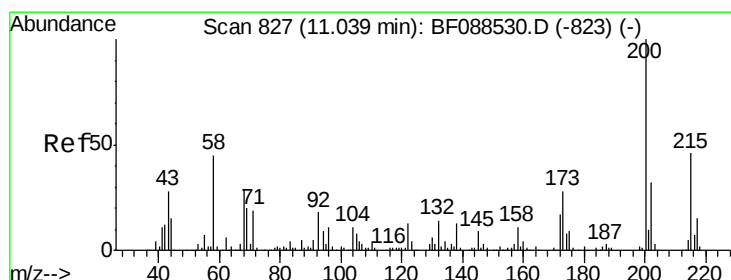
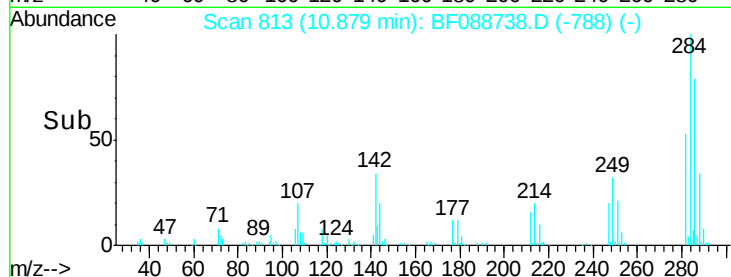
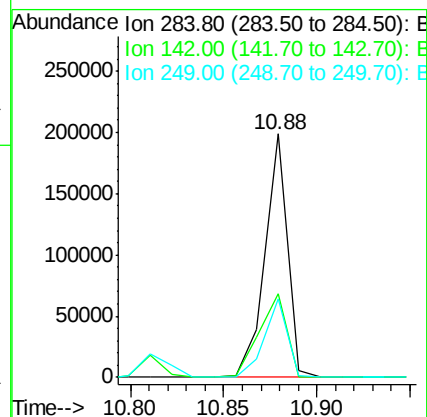
142 34.2 35.8 53.8#

249 32.1 25.8 38.6

Manual Integrations

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7/7/2016 1:55:44 AM



#68

Atrazine

Concen: 43.79 ng

RT: 10.98 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

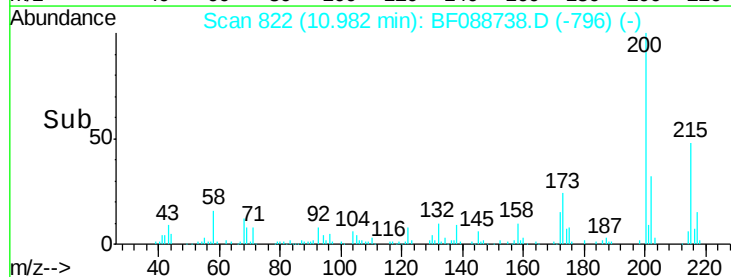
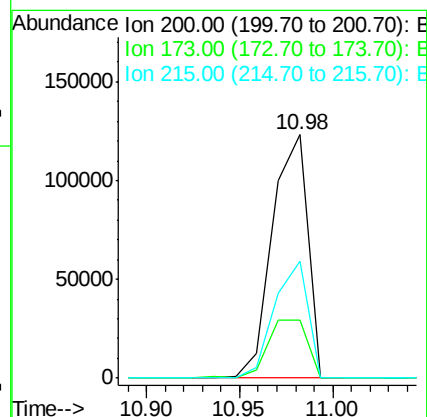
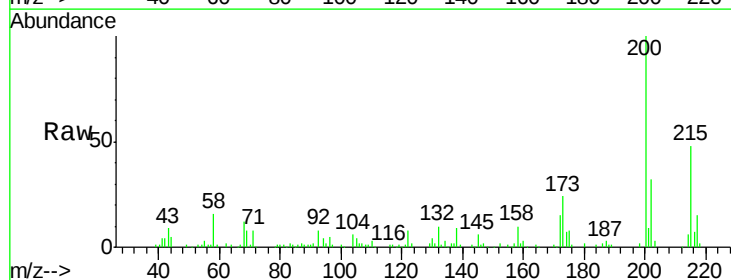
Tgt Ion:200 Resp: 161984

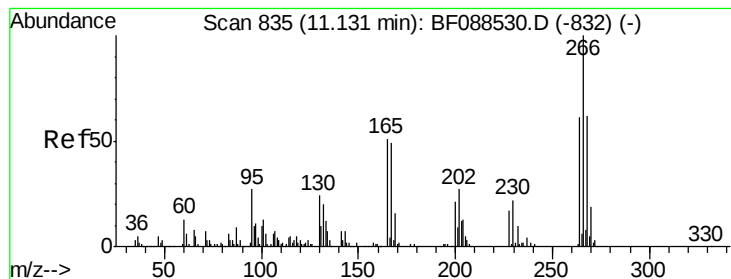
Ion Ratio Lower Upper

200 100

173 23.9 4.0 44.0

215 48.3 29.3 69.3





#69

Pentachlorophenol

Concen: 43.41 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF088738.D

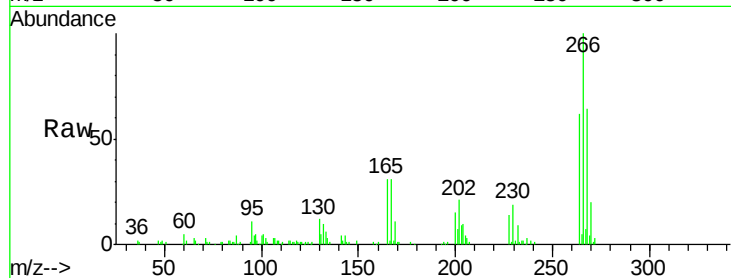
Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:266 Resp: 100541

Ion Ratio Lower Upper

266 100

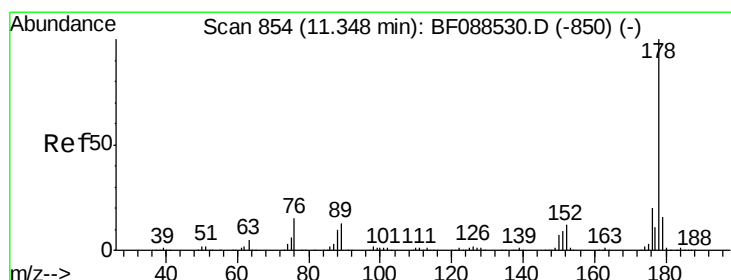
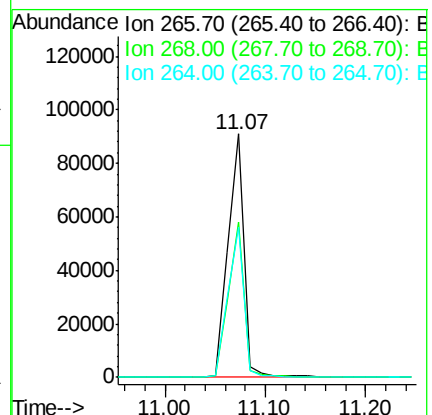
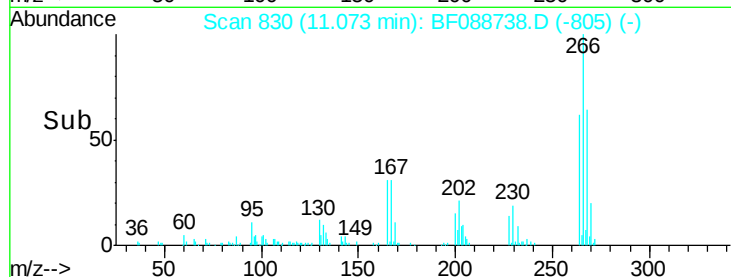
268 63.6 52.8 79.2

264 61.9 49.6 74.4

Manual Integrations

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7/7/2016 1:55:44 AM



#70

Phenanthrene

Concen: 42.43 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

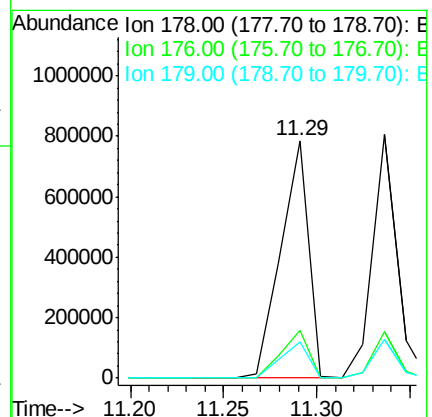
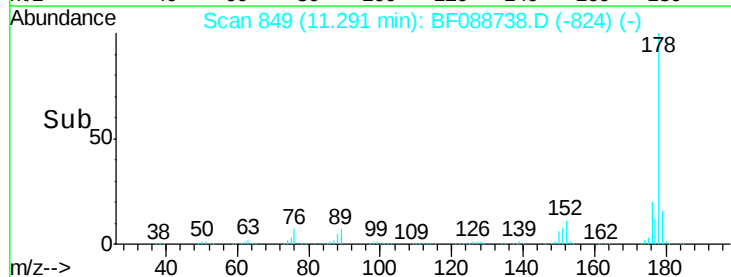
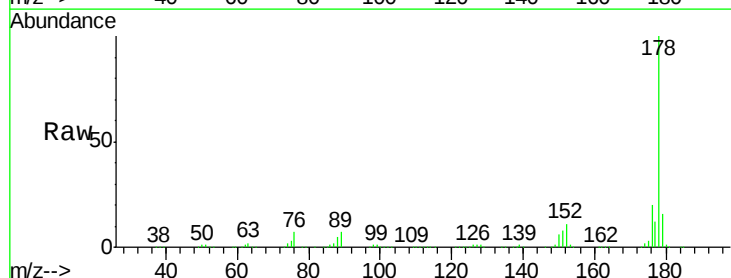
Tgt Ion:178 Resp: 813540

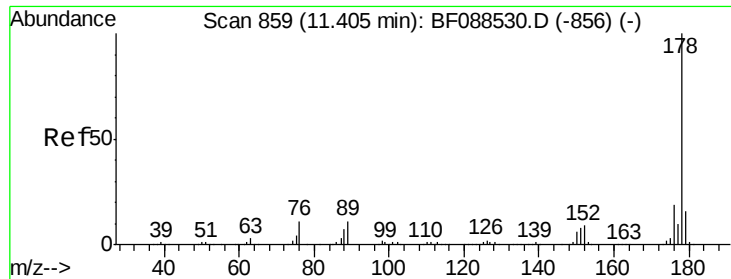
Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.6

179 15.5 13.0 19.4





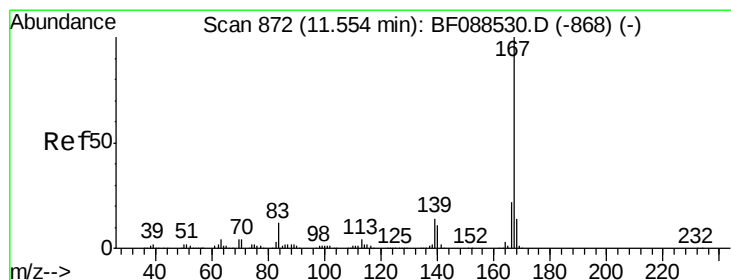
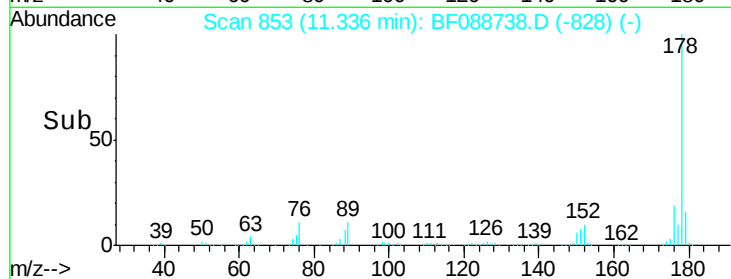
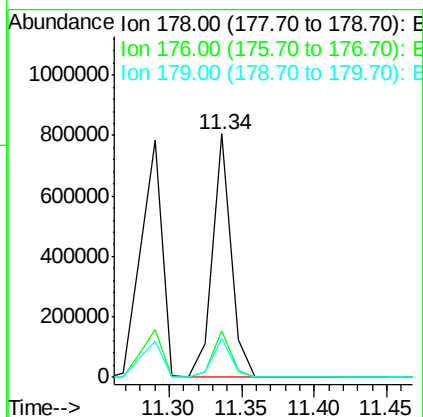
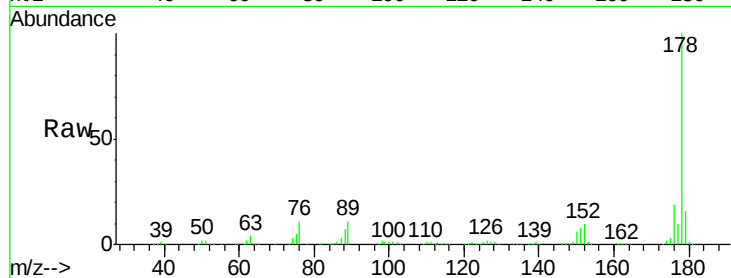
#71
 Anthracene
 Concen: 37.52 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.9	12.8	19.2

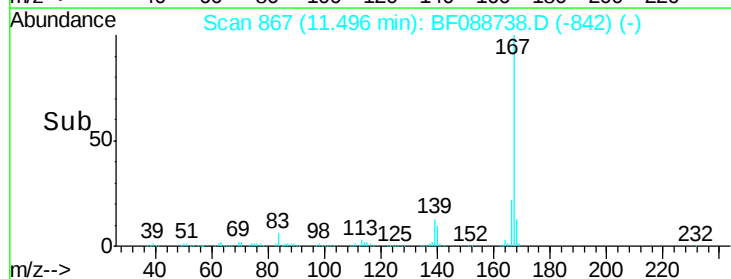
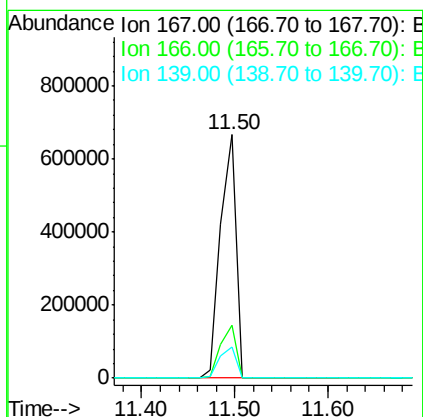
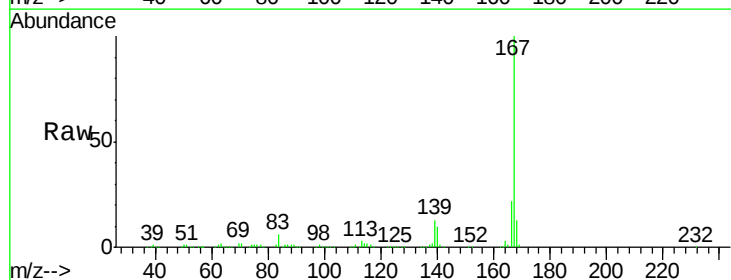
Manual Integrations

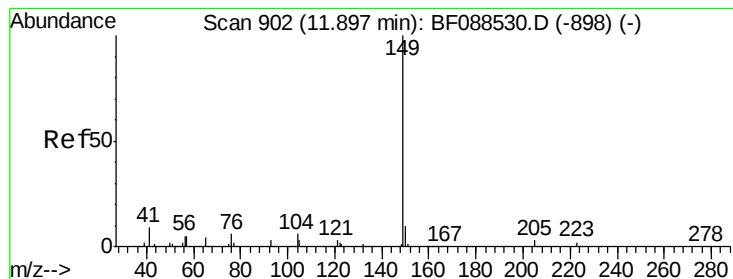
SOHIL
 7/7/2016 1:55:44 AM



#72
 Carbazole
 Concen: 42.66 ng
 RT: 11.50 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.6
139	13.0	11.2	16.8





#73

Di-n-butylphthalate

Concen: 41.17 ng

RT: 11.83 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

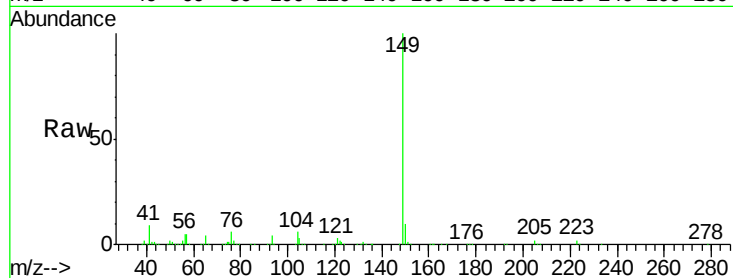
ClientSampleId :

SSTDCCC040EC

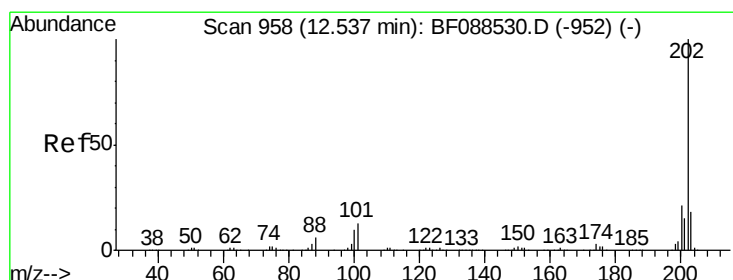
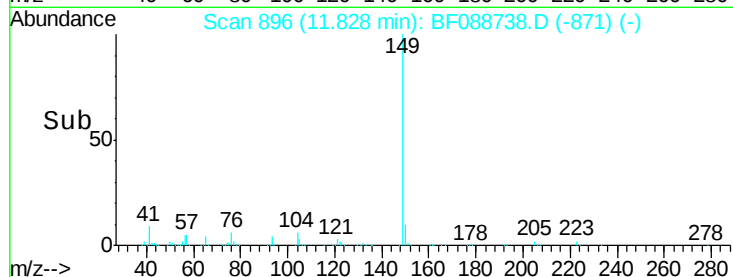
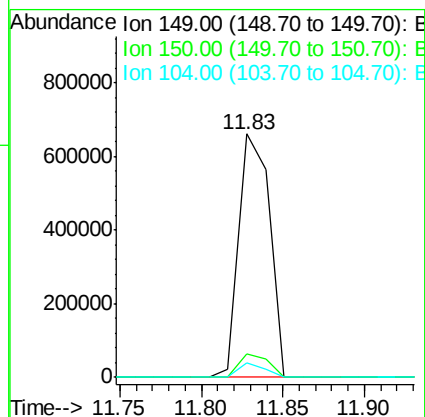
Manual Integrations

SOHIL

7/7/2016 1:55:44 AM



Tgt Ion:	149	Resp:	859338
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	6.1	4.0	6.0#



#74

Fluoranthene

Concen: 42.86 ng

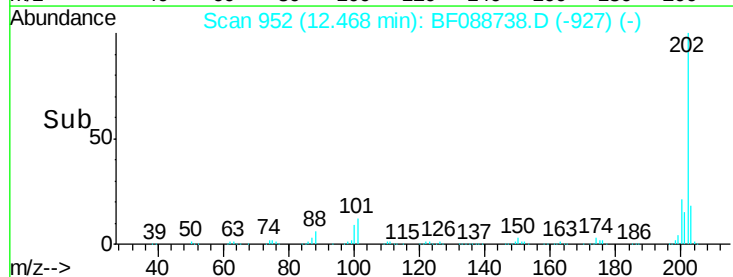
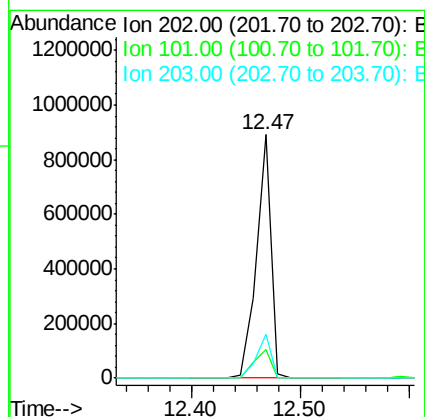
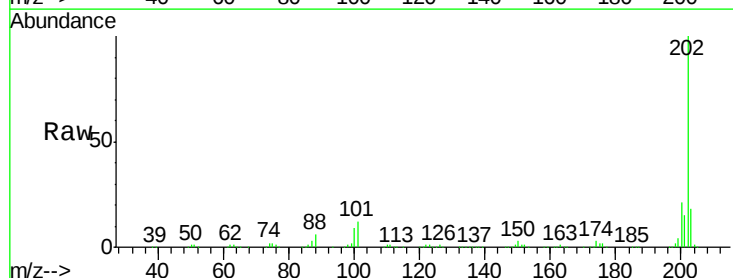
RT: 12.47 min Scan# 952

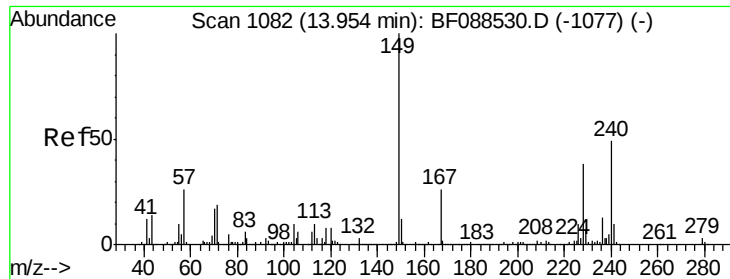
Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Tgt Ion:	202	Resp:	833091
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	33.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

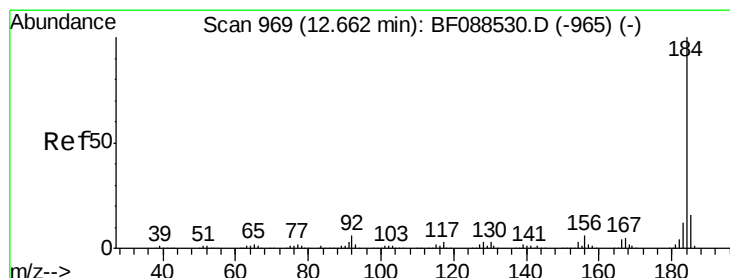
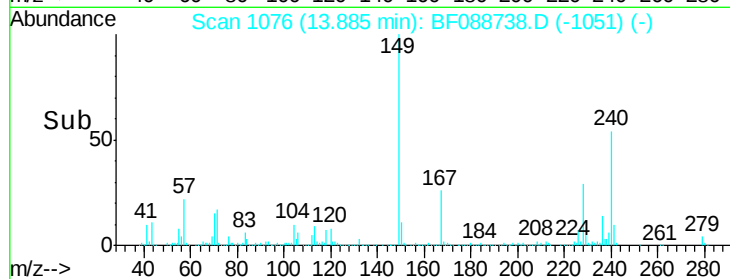
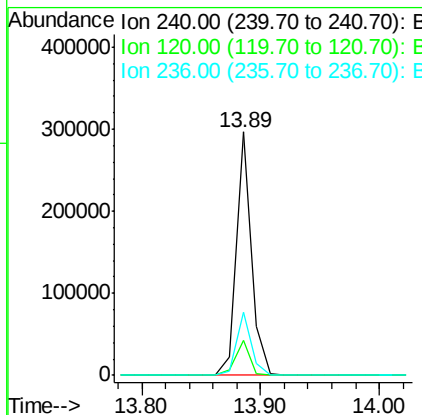
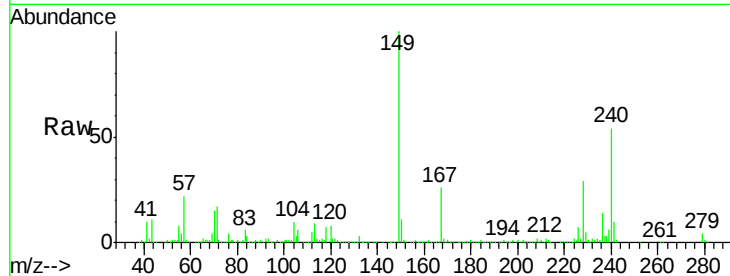
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.4	6.8	10.2
236	26.1	20.2	30.2

Manual Integrations

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#76

Benzidine

Concen: 44.22 ng

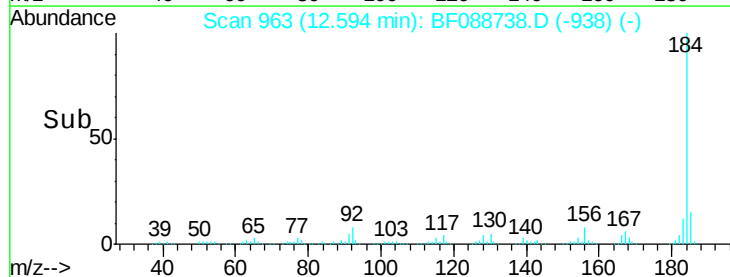
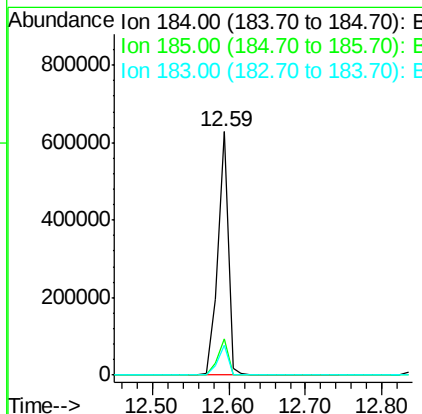
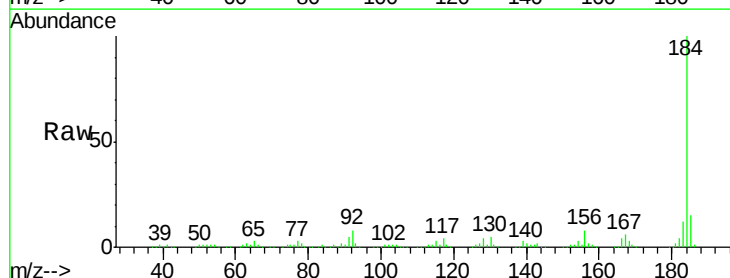
RT: 12.59 min Scan# 963

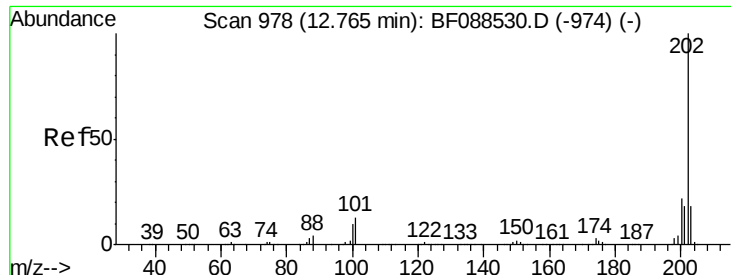
Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.5	18.7
183	12.1	9.3	13.9





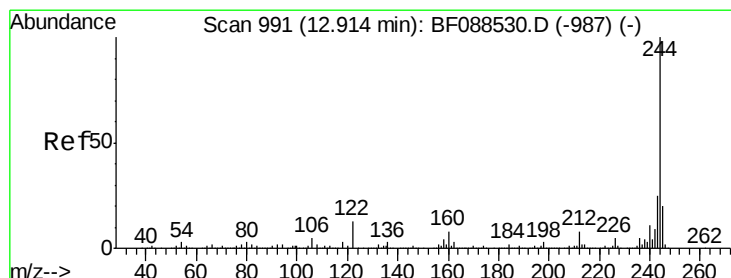
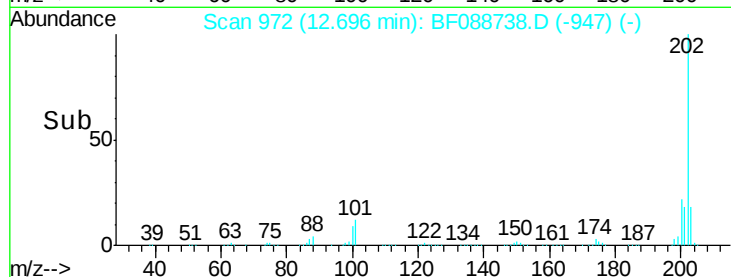
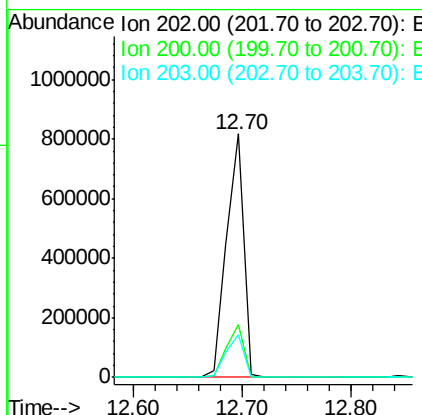
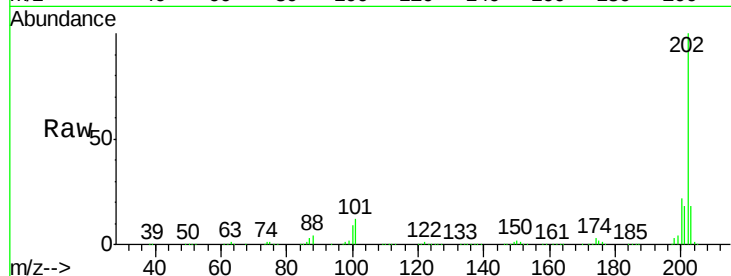
#77
 Pyrene
 Concen: 39.96 ng
 RT: 12.70 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.6	14.5	21.7

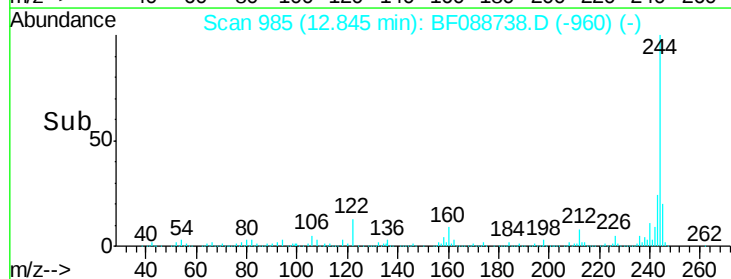
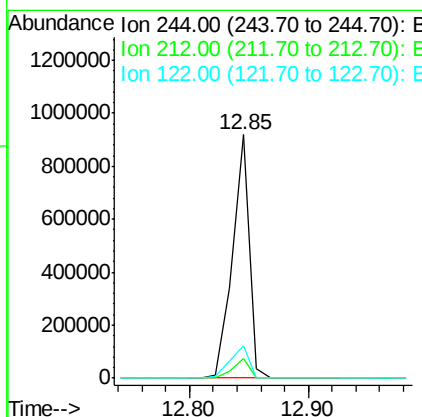
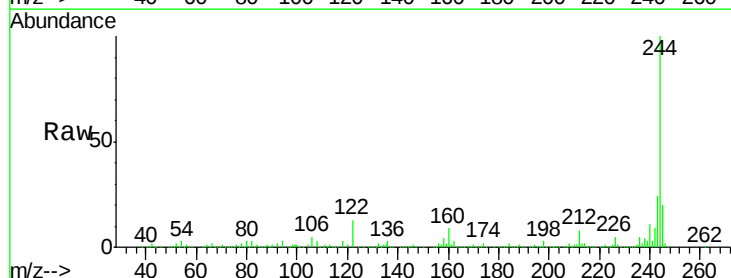
Manual Integrations

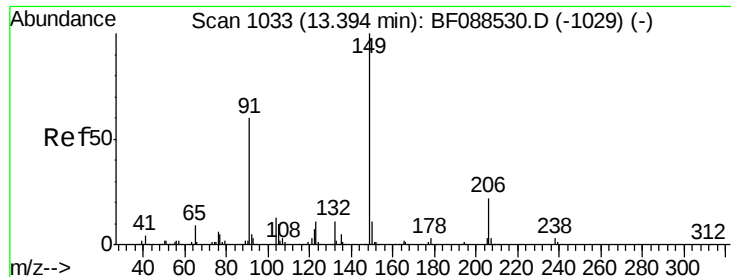
APPROVED
 SOHIL
 7/7/2016 1:55:44 AM



#78
 Terphenyl-d14
 Concen: 75.95 ng
 RT: 12.85 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	13.1	11.2	16.8





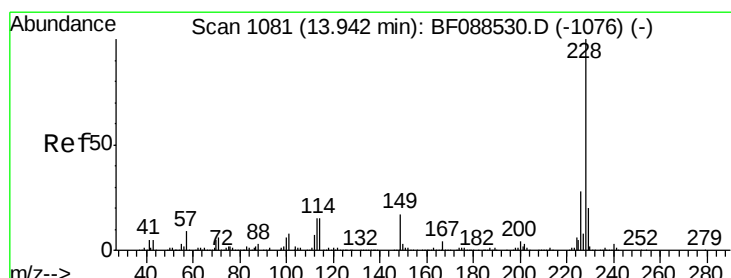
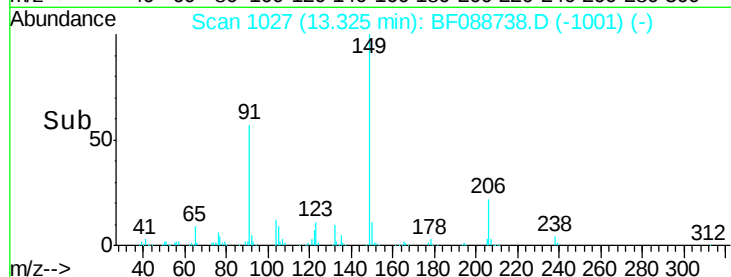
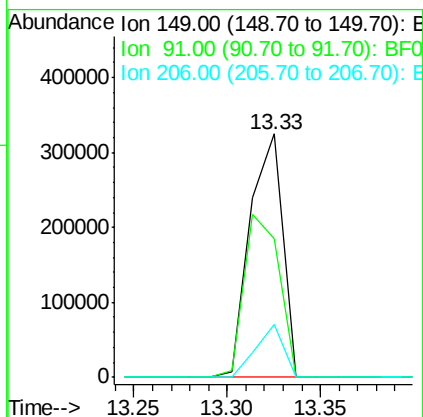
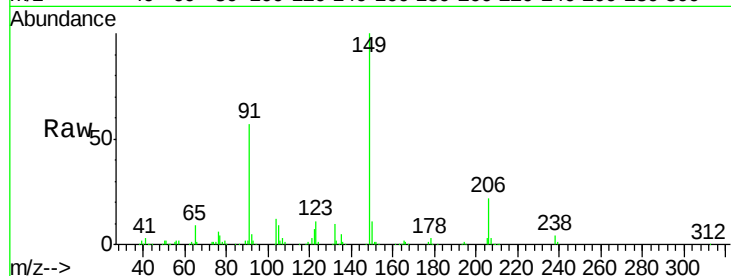
#79
Butylbenzylphthalate
Concen: 39.47 ng
RT: 13.33 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
149	100		
91	57.2	48.0	72.0
206	21.8	16.0	24.0

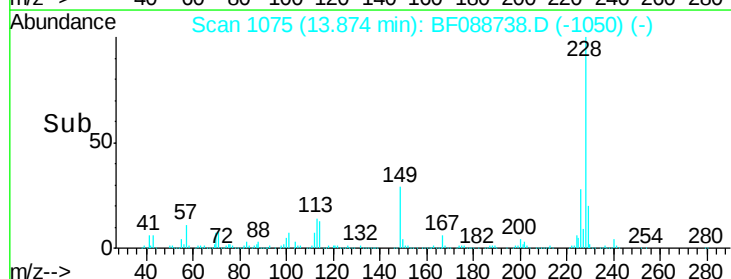
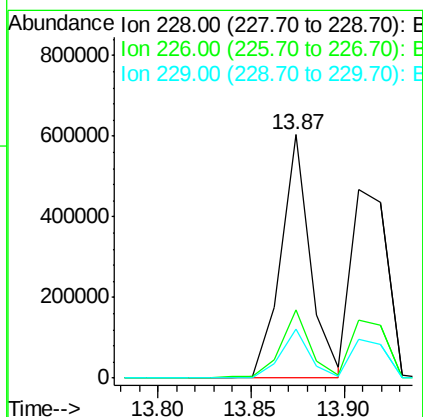
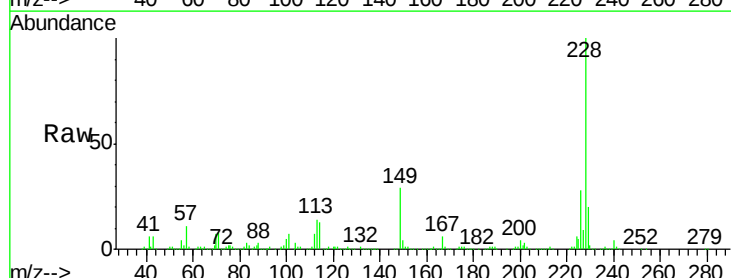
Manual Integrations

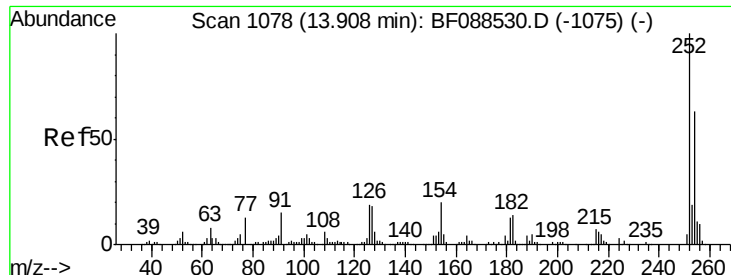
APPROVED
SOHIL
7/7/2016 1:55:44 AM



#80
Benzo(a)anthracene
Concen: 39.27 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.3	33.5
229	20.0	16.0	24.0





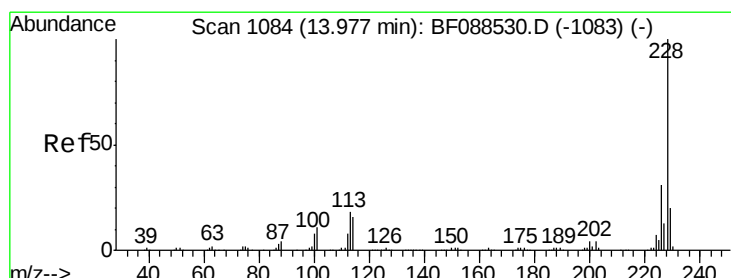
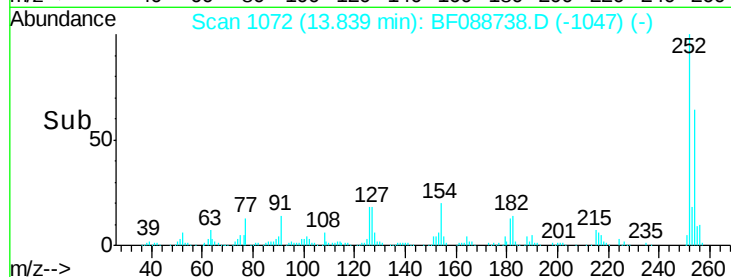
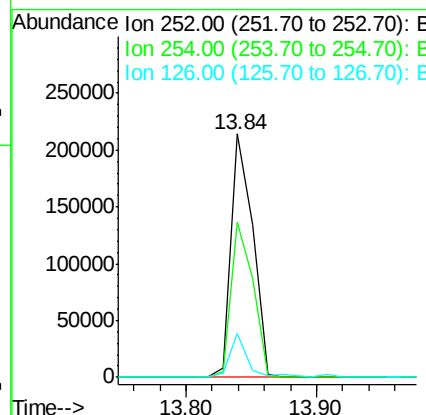
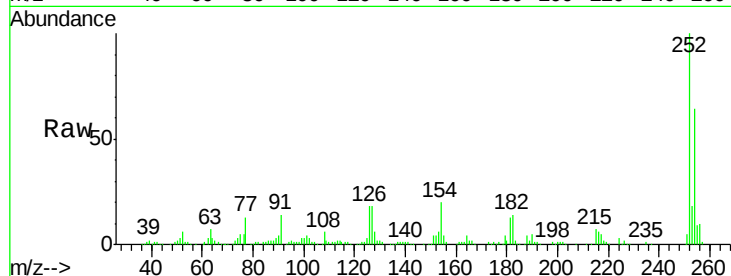
#81
 3,3'-Dichlorobenzidine
 Concen: 38.77 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.6	78.8
126	17.8	6.2	9.2

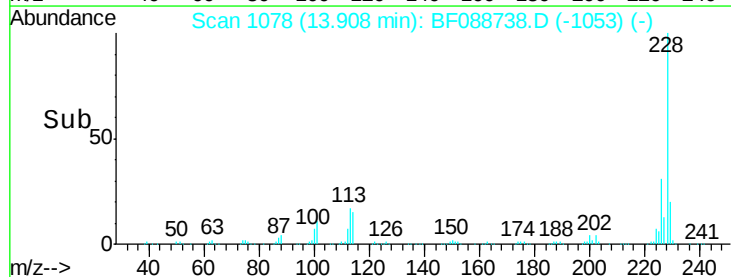
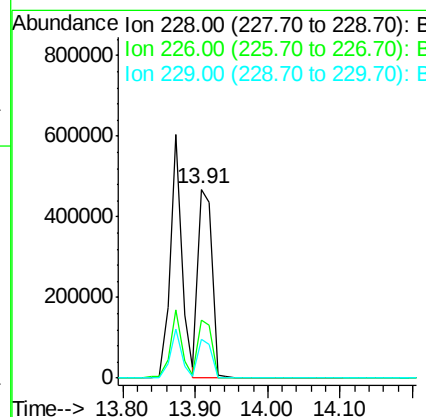
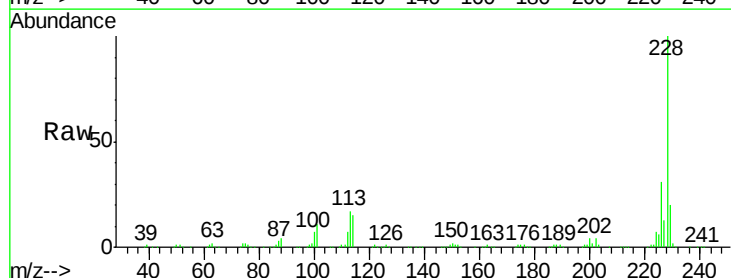
Manual Integrations

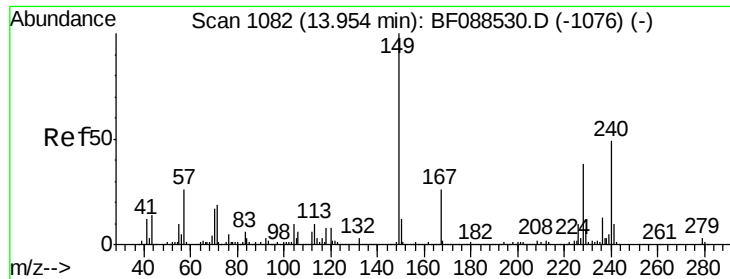
APPROVED
 SOHIL
 7/7/2016 1:55:44 AM



#82
 Chrysene
 Concen: 37.84 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.4	38.2
229	20.3	16.3	24.5





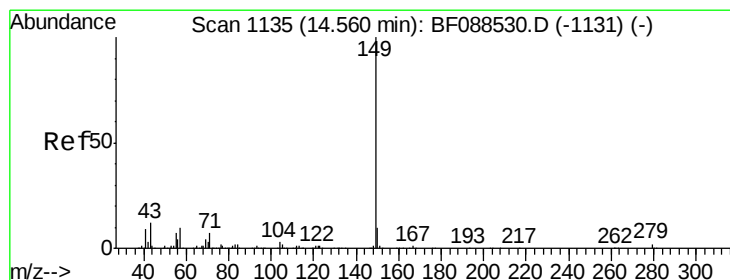
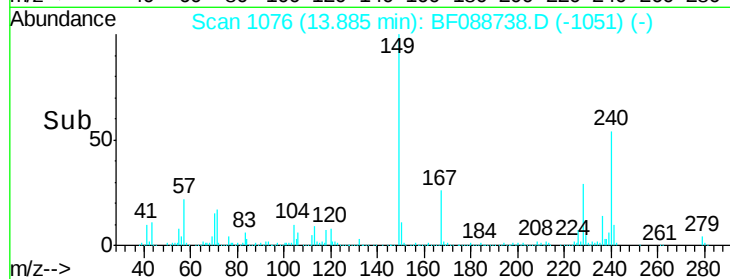
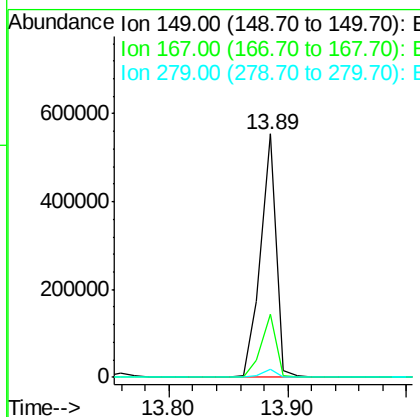
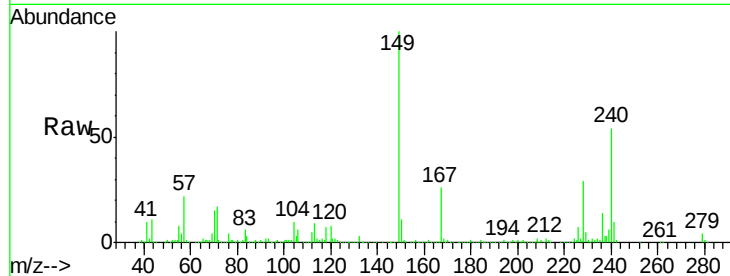
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.28 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	513994		
167	25.9	20.5	30.7	
279	3.6	2.0	3.0#	

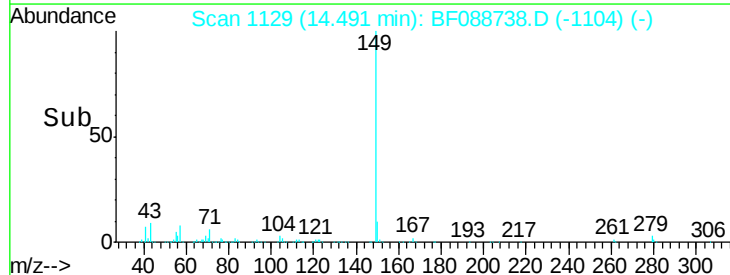
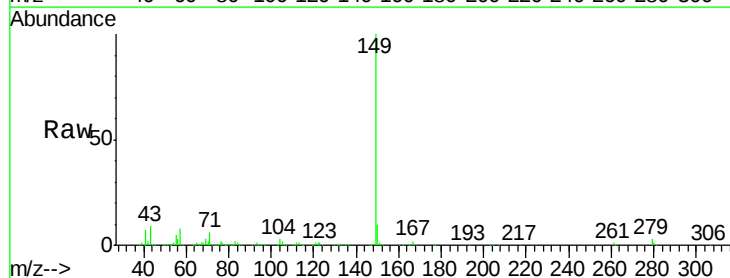
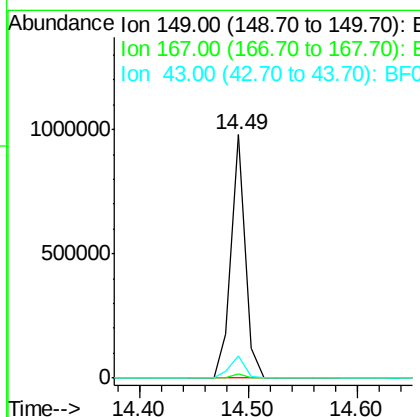
Manual Integrations

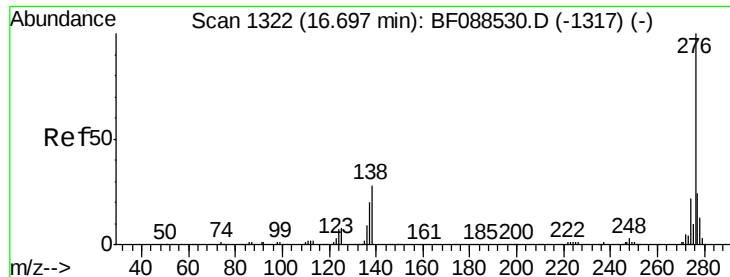
SOHIL
 7/7/2016 1:55:44 AM



#84
 Di-n-octyl phthalate
 Concen: 45.50 ng
 RT: 14.49 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	877497		
167	1.5	0.0	0.0#	
43	9.6	0.0	0.0#	





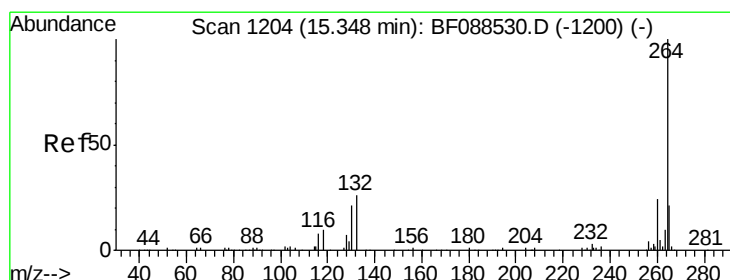
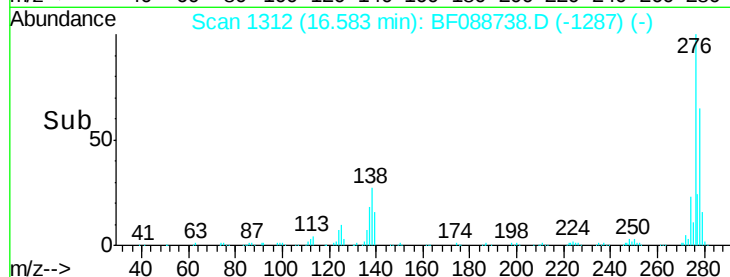
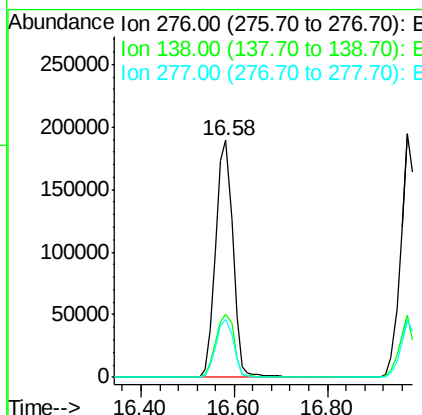
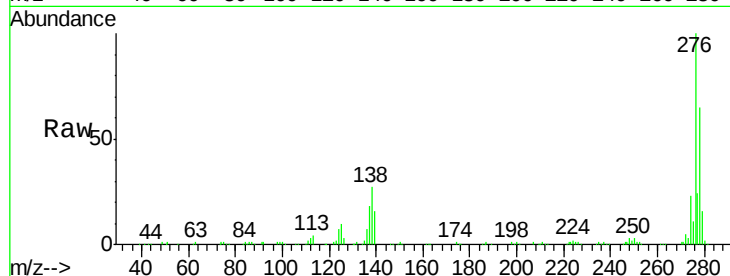
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.74 ng
 RT: 16.58 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	486224		
138	28.4	0.0	0.0	0.0
277	25.0	0.0	0.0	0.0

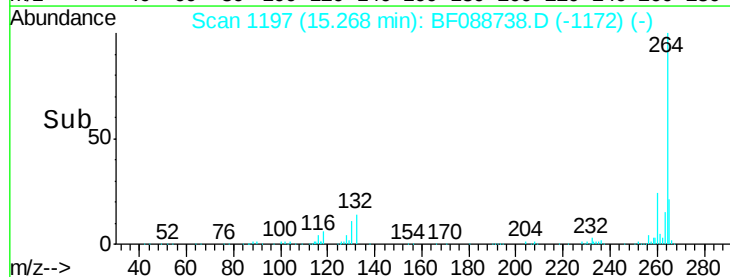
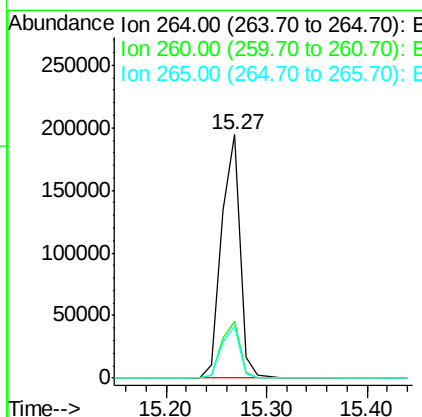
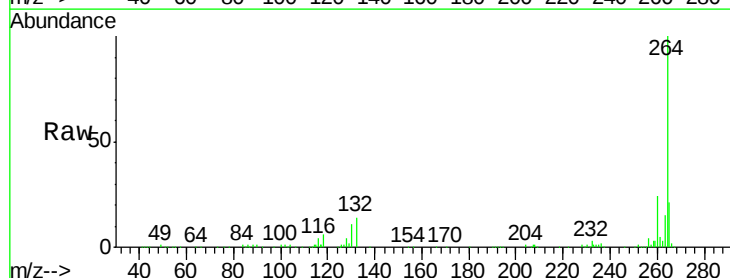
Manual Integrations

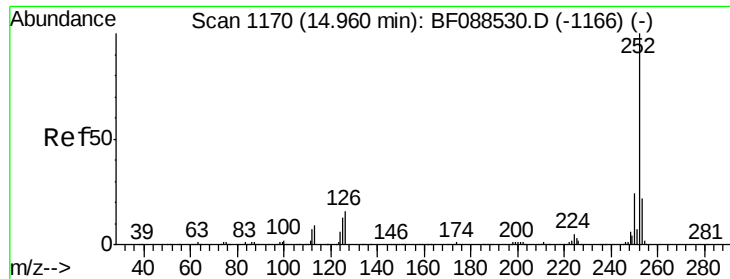
SOHIL
 7/7/2016 1:55:44 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	248176		
260	23.5	19.2	28.8	
265	21.2	16.9	25.3	





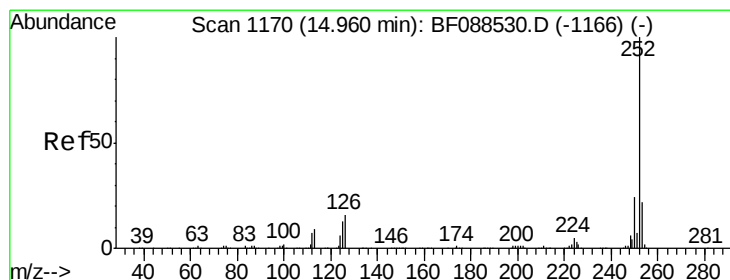
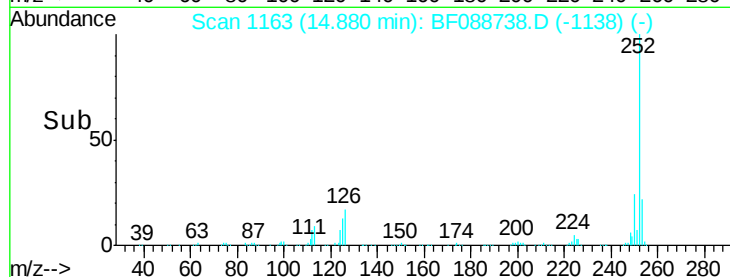
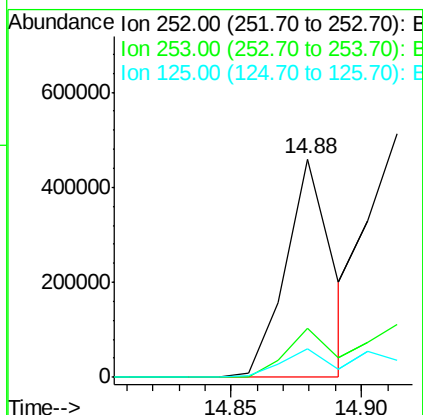
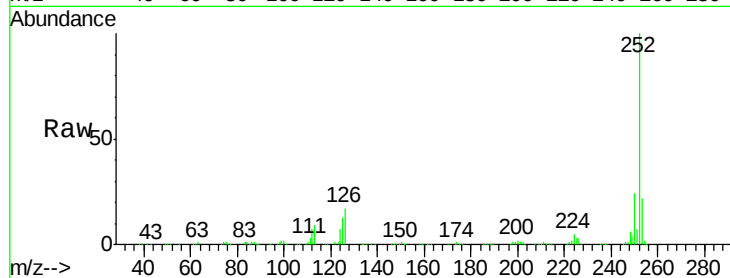
#87
Benzo(b)fluoranthene
Concen: 36.32 ng
RT: 14.88 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	13.1	7.1	10.7

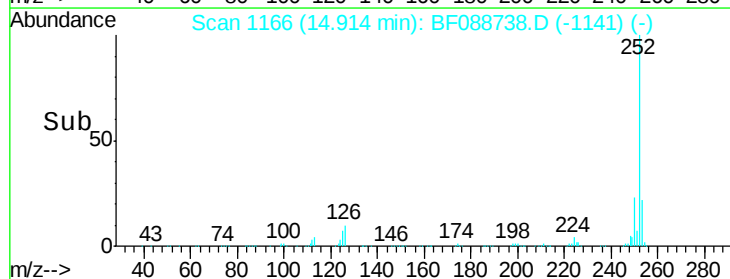
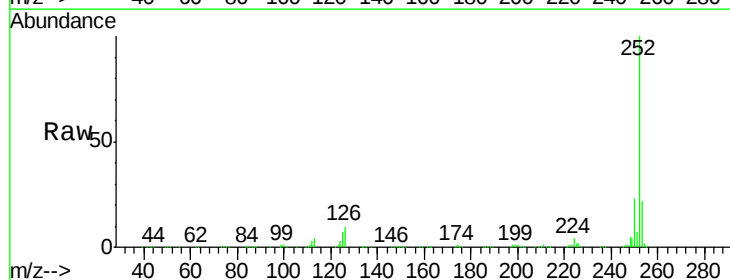
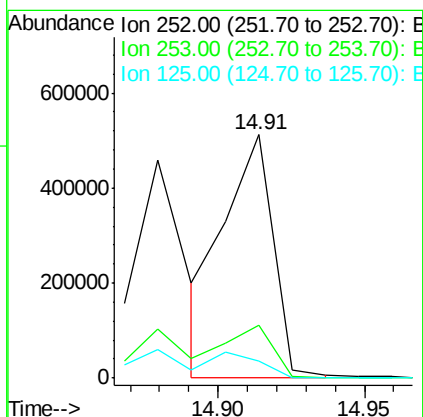
Manual Integrations

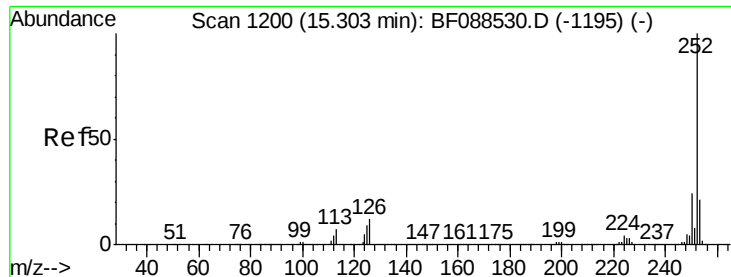
SOHIL
7/7/2016 1:55:44 AM



#88
Benzo(k)fluoranthene
Concen: 43.72 ng m
RT: 14.91 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	6.8	11.2	16.8





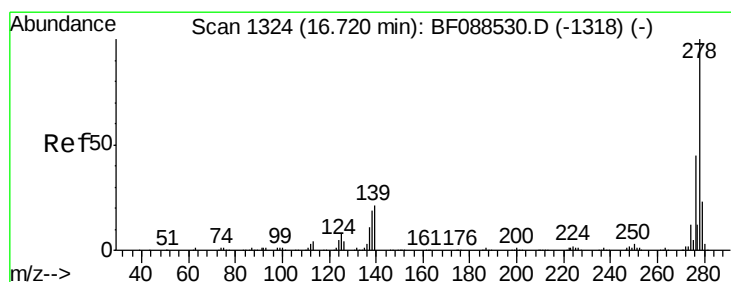
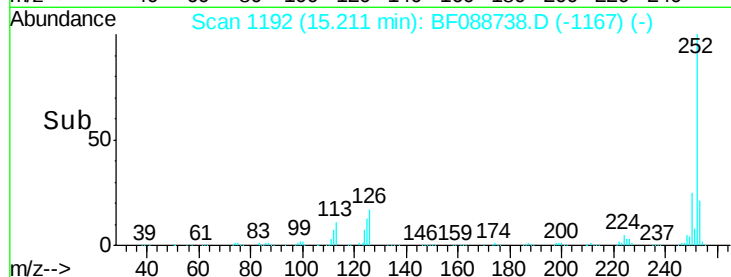
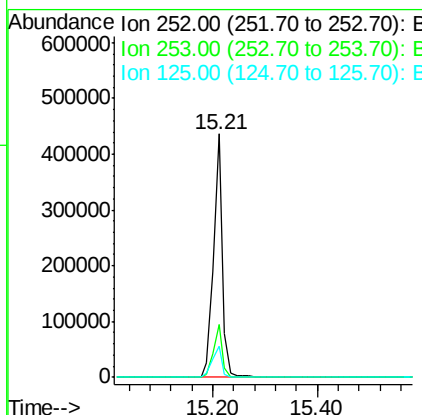
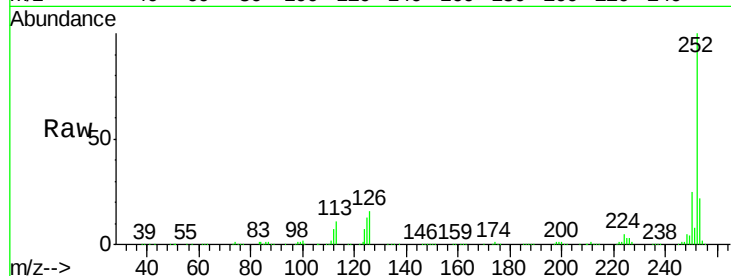
#89
Benzo(a)pyrene
Concen: 39.24 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	13.0	12.5	18.7

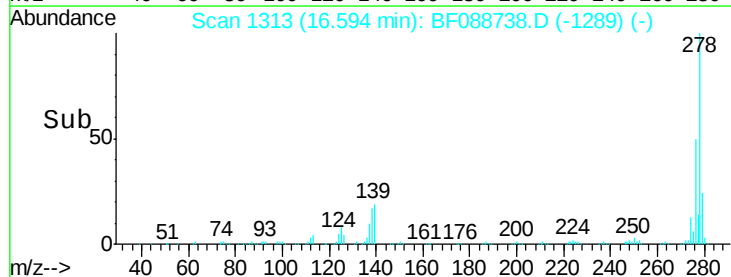
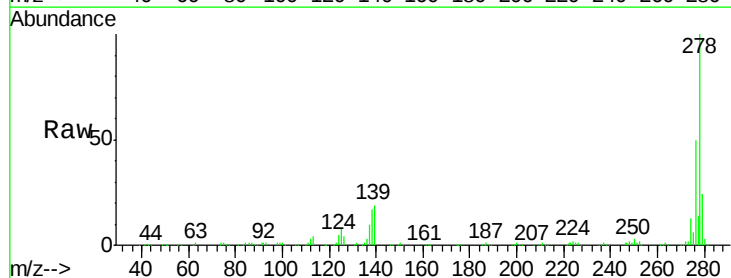
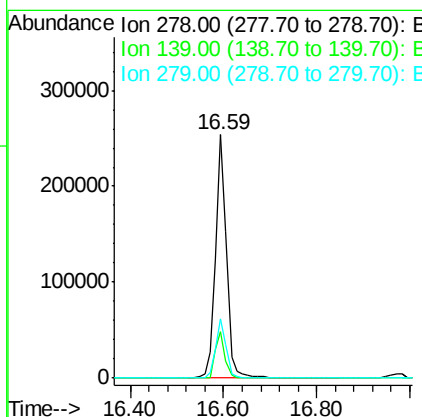
Manual Integrations

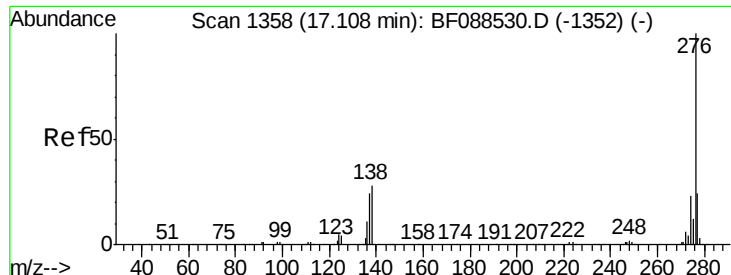
APPROVED
SOHIL
7/7/2016 1:55:44 AM



#90
Dibenzo(a,h)anthracene
Concen: 38.03 ng
RT: 16.59 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.9	15.7	23.5
279	24.2	19.4	29.2





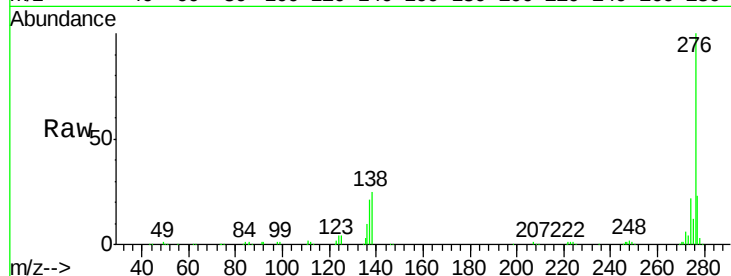
#91
 Benzo(g,h,i)perylene
 Concen: 36.08 ng
 RT: 16.97 min Scan# 1346
 Delta R.T. -0.02 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.9	28.3
138	25.3	21.4	32.2

Manual Integrations

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

