

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088773.D
 Acq On : 7 Jul 2016 11:16
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations

APPROVED
 SOHIL
 7/8/2016 7:03:24 AM

Quant Time: Jul 08 01:54:17 2016

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 05 17:15:08 2016

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	105509	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	424339	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	193944	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	356864	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	258428	20.00	ng	-0.03
86) Perylene-d12	15.27	264	252561	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	534898	75.98	ng	-0.05
7) Phenol-d6	6.39	99	697105	76.63	ng	-0.02
23) Nitrobenzene-d5	7.31	82	598473	73.91	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	176770	98.15	ng	-0.03
44) 2-Fluorobiphenyl	9.11	172	942616	76.77	ng	-0.03
78) Terphenyl-d14	12.84	244	954364	82.25	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	121956	34.94	ng	# 37
3) Pyridine	2.95	79	347196	34.28	ng	94
4) n-Nitrosodimethylamine	2.91	42	134222	34.69	ng	90
6) Aniline	6.41	93	484470	36.54	ng	99
8) 2-Chlorophenol	6.52	128	281421	37.19	ng	99
9) Benzaldehyde	6.28	77	199565	32.39	ng	87
10) Phenol	6.40	94	399591	38.49	ng	# 59
11) bis(2-Chloroethyl)ether	6.49	93	298512	38.56	ng	# 80
12) 1,3-Dichlorobenzene	6.68	146	339315	40.75	ng	99
13) 1,4-Dichlorobenzene	6.76	146	342939	41.50	ng	98
14) 1,2-Dichlorobenzene	6.91	146	286405m	37.03	ng	
15) Benzyl Alcohol	6.89	79	247063	36.90	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.03	45	351402	31.34	ng	90
17) 2-Methylphenol	7.00	107	234750	38.03	ng	96
18) Hexachloroethane	7.26	117	129155	40.40	ng	# 85
19) n-Nitroso-di-n-propylamine	7.18	70	232869	38.11	ng	# 84
20) 3+4-Methylphenols	7.16	107	272597	36.80	ng	# 81
22) Acetophenone	7.16	105	438193	42.55	ng	# 90
24) Nitrobenzene	7.34	77	334974	41.03	ng	99
25) Isophorone	7.58	82	565591	37.71	ng	97
26) 2-Nitrophenol	7.64	139	144116	43.05	ng	97
27) 2,4-Dimethylphenol	7.69	122	254531	36.50	ng	87
28) bis(2-Chloroethoxy)methane	7.79	93	374284	38.35	ng	98
29) 2,4-Dichlorophenol	7.88	162	223438	39.65	ng	95
30) 1,2,4-Trichlorobenzene	7.98	180	268133	43.36	ng	98
31) Naphthalene	8.06	128	898408	42.95	ng	99
32) Benzoic acid	7.84	122	190870	37.70	ng	89
33) 4-Chloroaniline	8.10	127	382919	41.14	ng	98
34) Hexachlorobutadiene	8.17	225	139811	42.22	ng	98
35) Caprolactam	8.49	113	76581	40.01	ng	# 87
36) 4-Chloro-3-methylphenol	8.59	107	301522	45.25	ng	97
37) 2-Methylnaphthalene	8.74	142	545470	40.49	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	305373	47.34	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	133093	42.04	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	174779	41.09	ng	100
43) 2,4,5-Trichlorophenol	9.06	196	167437	45.76	ng #	92
45) 1,1'-Biphenyl	9.21	154	712357	44.36	ng	97
46) 2-Chloronaphthalene	9.23	162	554077	43.95	ng	99
47) 2-Nitroaniline	9.32	65	164046	36.66	ng	99
48) Acenaphthylene	9.64	152	856192	42.68	ng	99
49) Dimethylphthalate	9.52	163	611164	44.23	ng	99
50) 2,6-Dinitrotoluene	9.58	165	141572	46.23	ng #	88
51) Acenaphthene	9.82	154	515973	41.96	ng	98
52) 3-Nitroaniline	9.74	138	133503	34.29	ng	89
53) 2,4-Dinitrophenol	9.84	184	59422	43.95	ng #	83
54) Dibenzofuran	9.99	168	672588	41.79	ng #	90
55) 4-Nitrophenol	9.90	139	99363	33.59	ng	89
56) 2,4-Dinitrotoluene	9.98	165	185805	46.41	ng #	77
57) Fluorene	10.33	166	565506	45.59	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	114670	40.50	ng #	46
59) Diethylphthalate	10.22	149	591149	42.63	ng	99
60) 4-Chlorophenyl-phenylether	10.32	204	216376	37.55	ng #	86
61) 4-Nitroaniline	10.35	138	156058	41.66	ng	86
62) Azobenzene	10.48	77	587661	37.15	ng	94
64) 4,6-Dinitro-2-methylphenol	10.38	198	88224	46.22	ng	81
65) n-Nitrosodiphenylamine	10.44	169	493759	40.88	ng	98
66) 4-Bromophenyl-phenylether	10.81	248	156677	43.57	ng #	88
67) Hexachlorobenzene	10.88	284	170283	42.77	ng #	70
68) Atrazine	10.97	200	133131	35.37	ng	91
69) Pentachlorophenol	11.06	266	90222	38.29	ng	96
70) Phenanthrene	11.28	178	694910	35.62	ng	100
71) Anthracene	11.34	178	834478	43.02	ng	99
72) Carbazole	11.48	167	648531	35.52	ng	99
73) Di-n-butylphthalate	11.83	149	813910	38.33	ng #	98
74) Fluoranthene	12.47	202	863244	43.65	ng	95
76) Benzidine	12.59	184	583559	44.67	ng	98
77) Pyrene	12.70	202	837897	38.24	ng	98
79) Butylbenzylphthalate	13.33	149	367517	37.60	ng	92
80) Benzo(a)anthracene	13.87	228	660465	39.69	ng	99
81) 3,3'-Dichlorobenzidine	13.84	252	241553	38.61	ng #	94
82) Chrysene	13.91	228	616302	37.43	ng	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	509651	45.67	ng #	99
84) Di-n-octyl phthalate	14.49	149	827265	43.64	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	538411	42.51	ng #	100
87) Benzo(b)fluoranthene	14.88	252	563833m	35.59	ng	
88) Benzo(k)fluoranthene	14.91	252	608391m	44.11	ng	
89) Benzo(a)pyrene	15.21	252	518556	38.66	ng	98
90) Dibenzo(a,h)anthracene	16.59	278	462538	41.29	ng	99
91) Benzo(g,h,i)perylene	16.98	276	457366	39.46	ng #	94

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

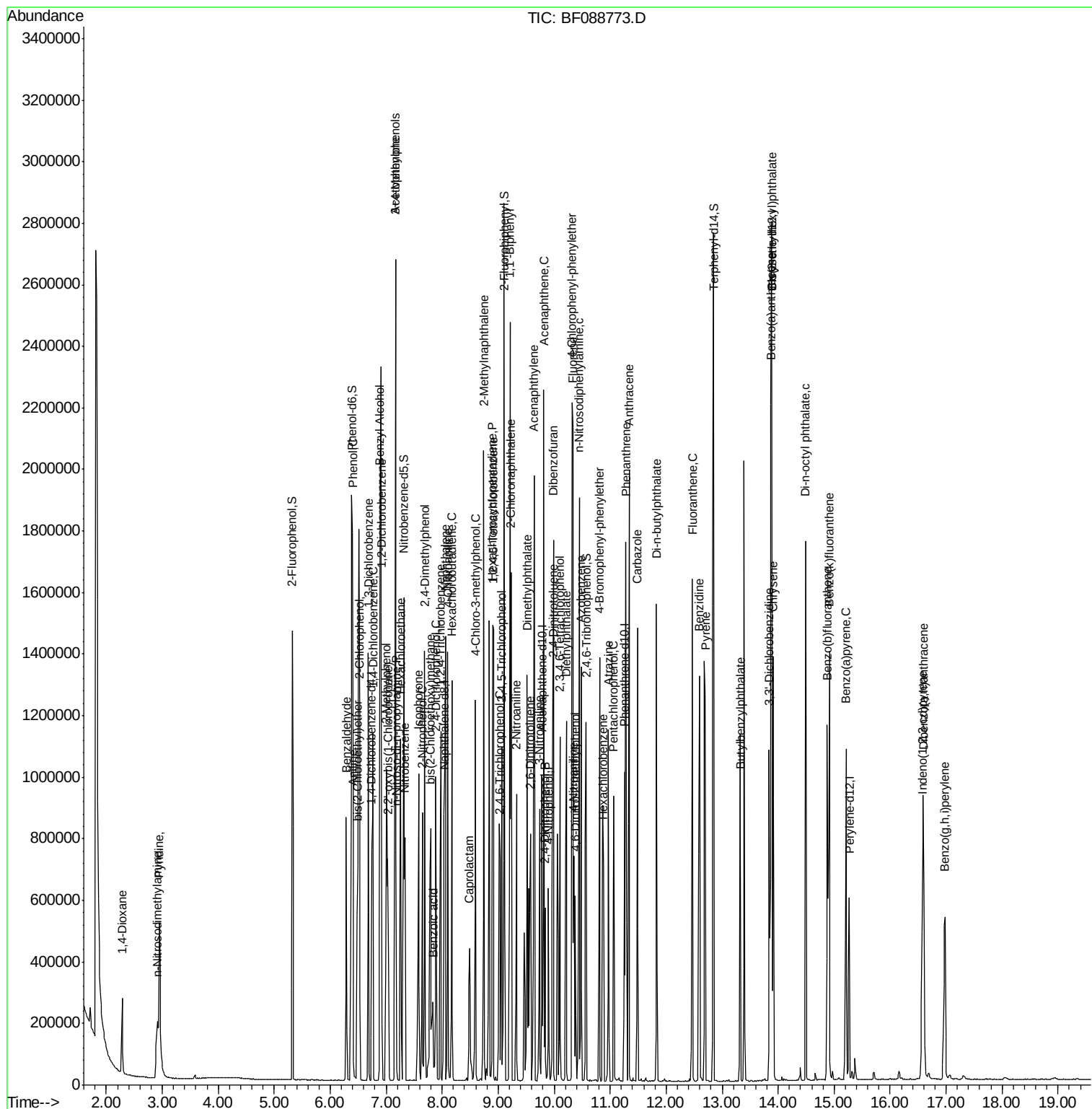
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
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Operator  : UM/SJ
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2 Sample Multiplier: 1
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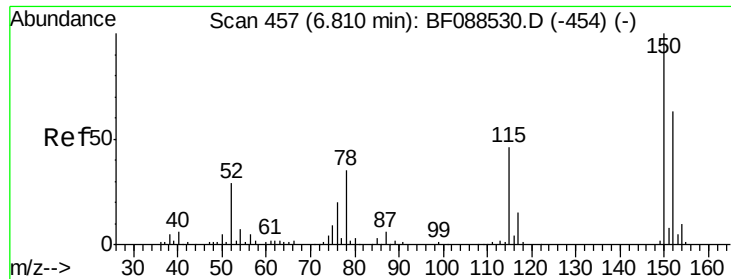
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations

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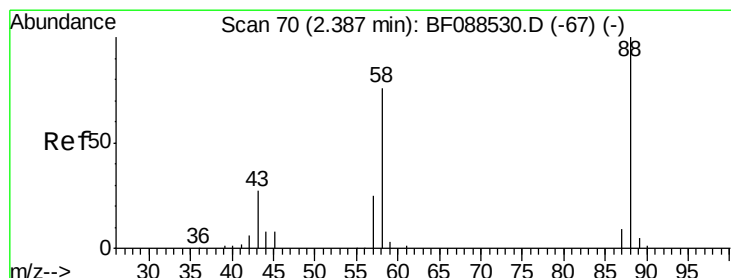
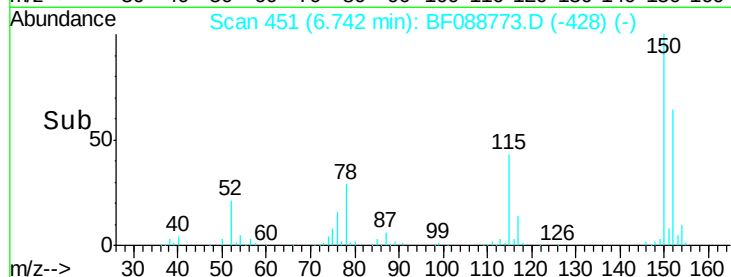
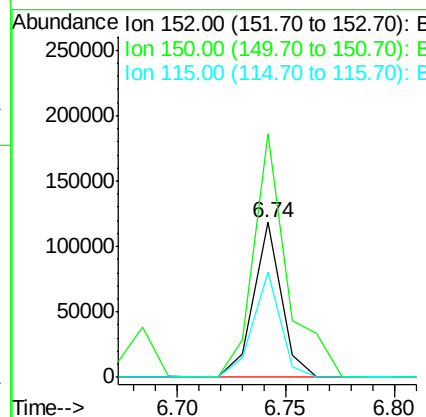
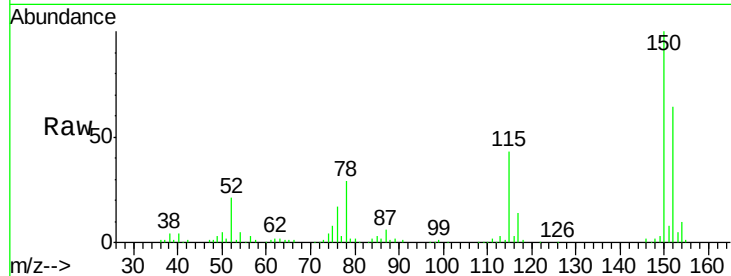
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 451
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.8	185.6
115	67.6	39.6	59.4

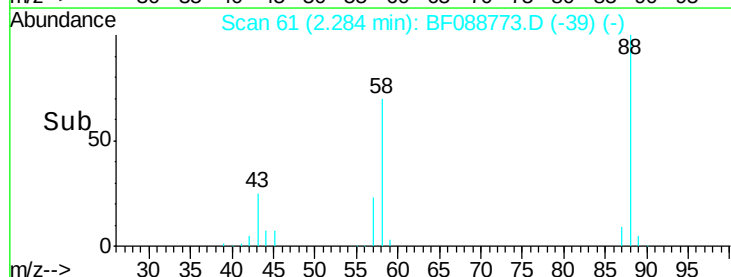
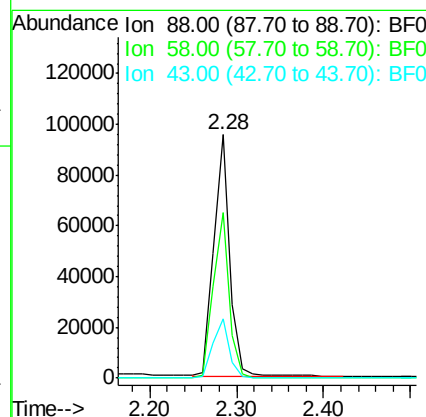
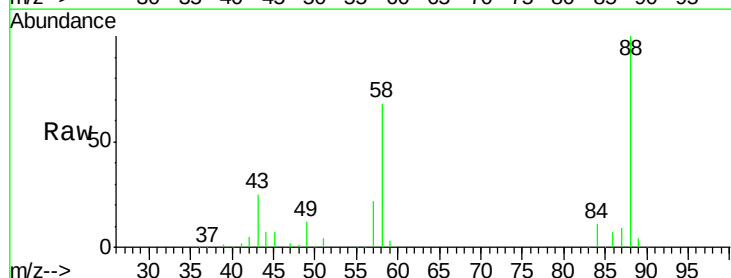
Manual Integrations

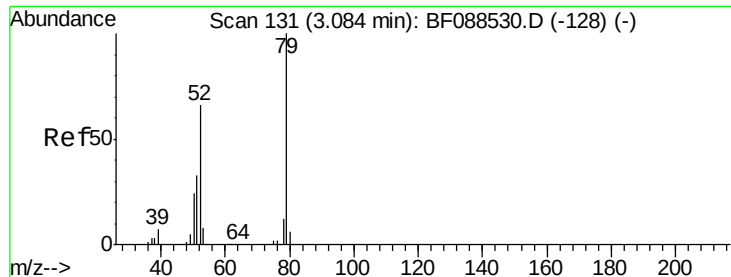
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#2
 1,4-Dioxane
 Concen: 34.94 ng
 RT: 2.28 min Scan# 61
 Delta R.T. -0.05 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.4	0.0	0.0
43	25.1	3.4	5.2





#3

Pyridine

Concen: 34.28 ng

RT: 2.95 min Scan# 119

Delta R.T. -0.06 min

Lab File: BF088773.D

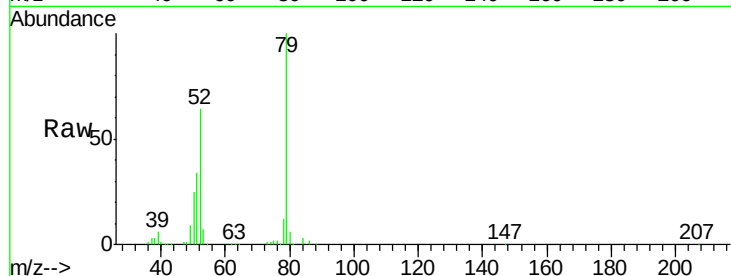
Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 79 Resp: 347196

Ion Ratio Lower Upper

79 100

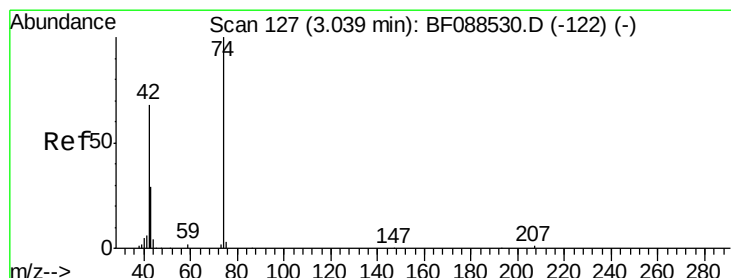
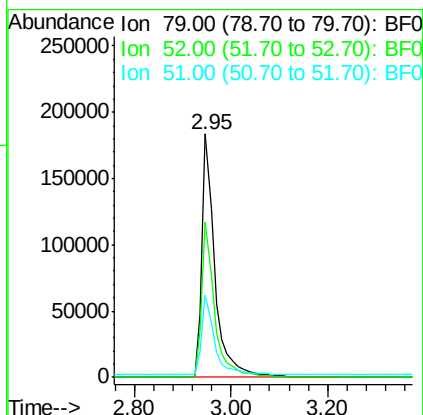
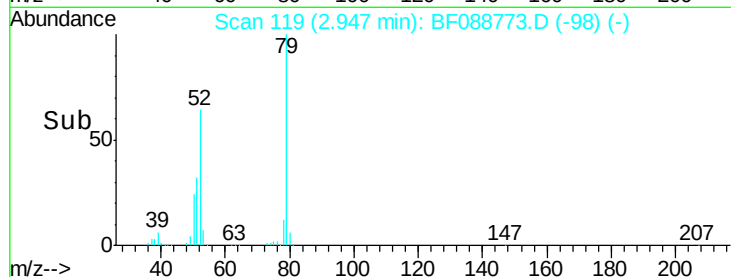
52 63.5 56.3 84.5

51 33.7 27.4 41.2

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 34.69 ng

RT: 2.91 min Scan# 116

Delta R.T. -0.06 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

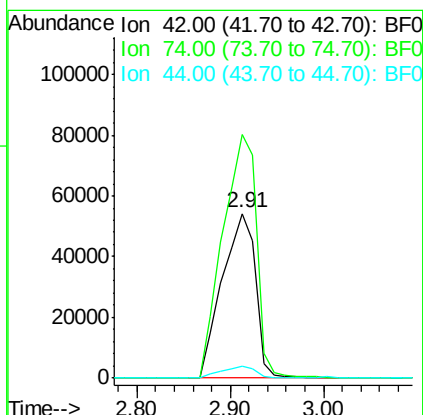
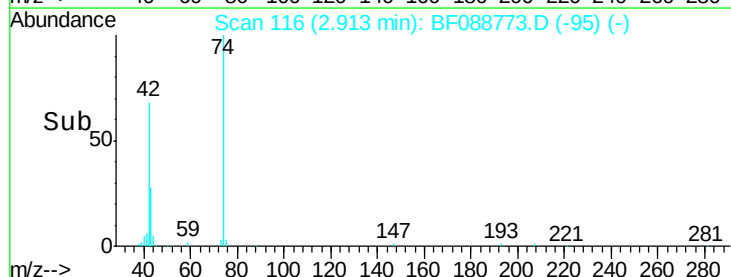
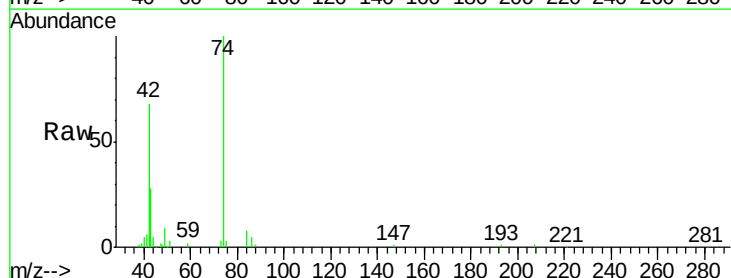
Tgt Ion: 42 Resp: 134222

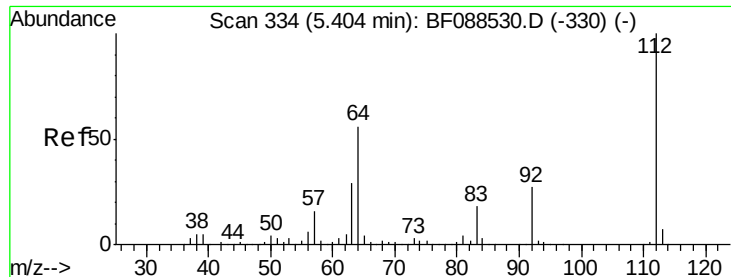
Ion Ratio Lower Upper

42 100

74 148.1 108.6 163.0

44 6.9 5.5 8.3





#5

2-Fluorophenol

Concen: 75.98 ng

RT: 5.32 min Scan# 327

Delta R.T. -0.05 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

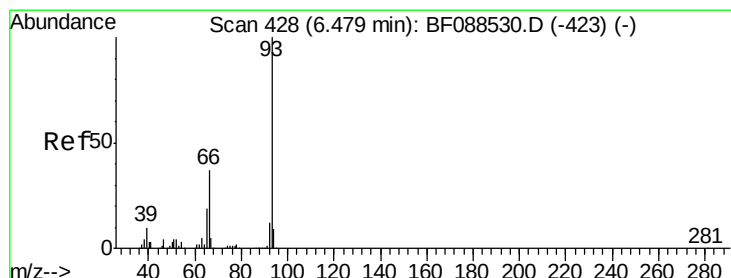
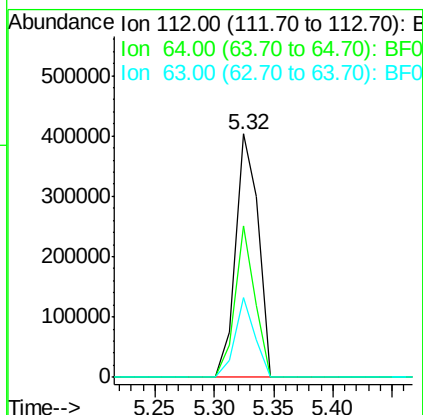
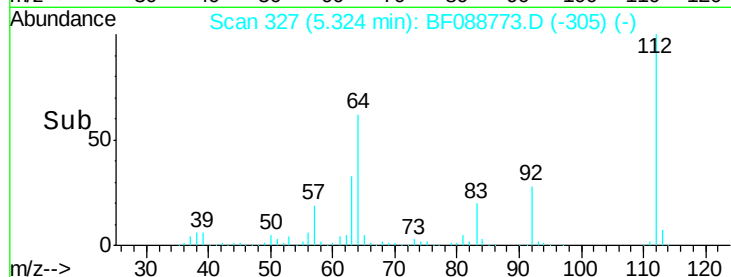
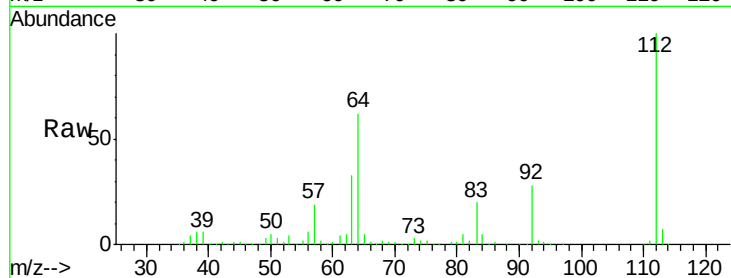
SSTDCCC040

Tgt Ion:	112	Resp:	534898
Ion Ratio	Lower	Upper	
112	100		
64	62.1	42.2	63.2
63	32.9	21.8	32.8#

Manual Integrations

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#6

Aniline

Concen: 36.54 ng

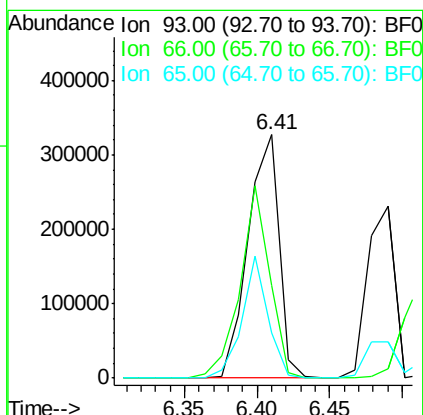
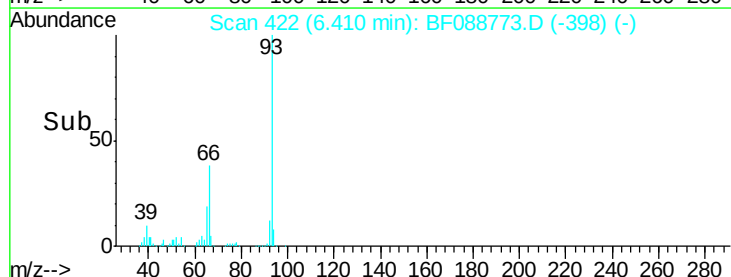
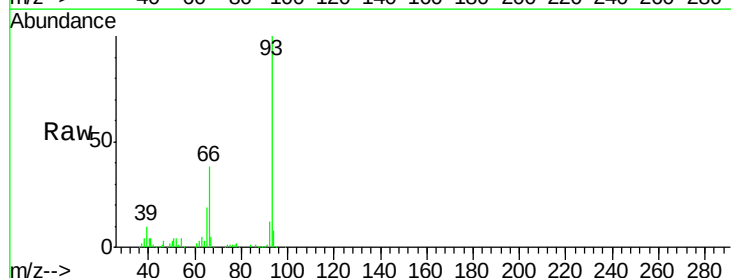
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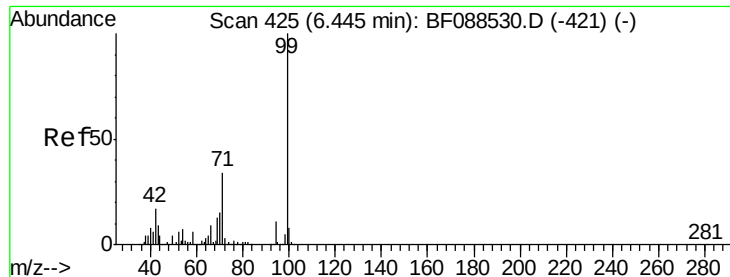
Delta R.T. -0.02 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Tgt Ion:	93	Resp:	484470
Ion Ratio	Lower	Upper	
93	100		
66	37.8	29.8	44.8
65	18.7	14.9	22.3





#7

Phenol-d6

Concen: 76.63 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

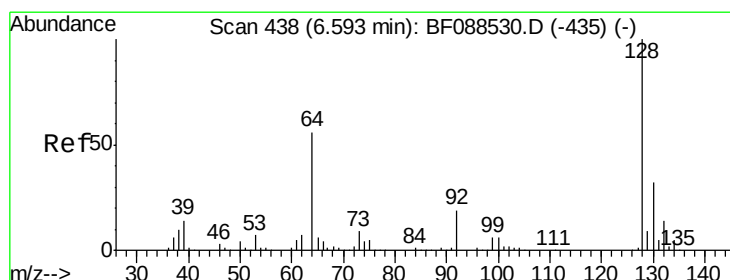
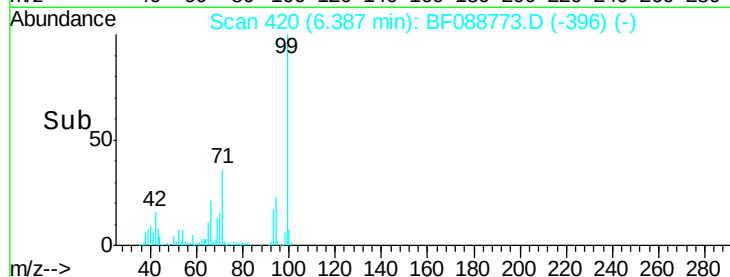
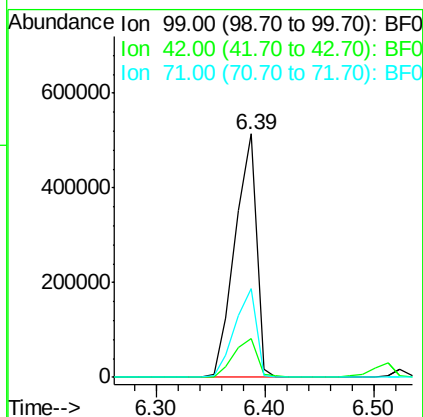
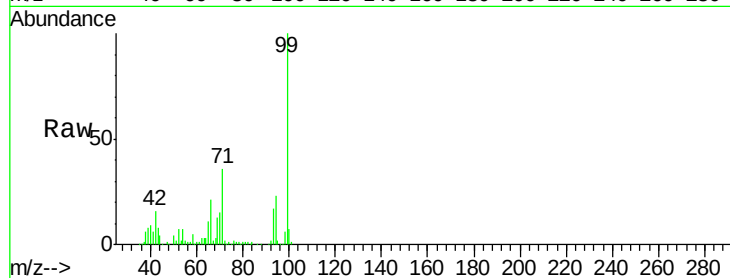
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.2	18.2
71	36.3	23.4	35.0#

Manual Integrations

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#8

2-Chlorophenol

Concen: 37.19 ng

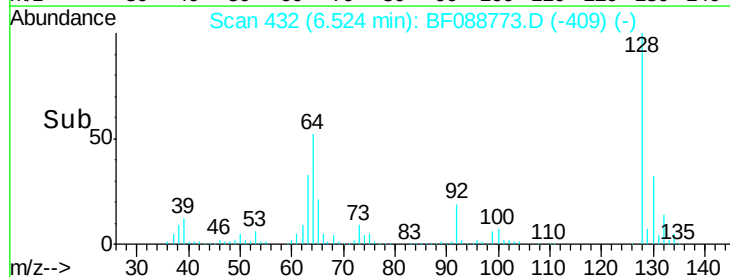
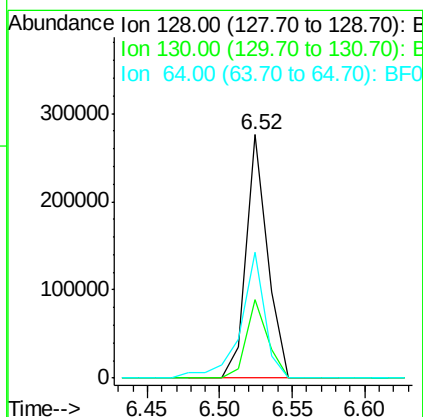
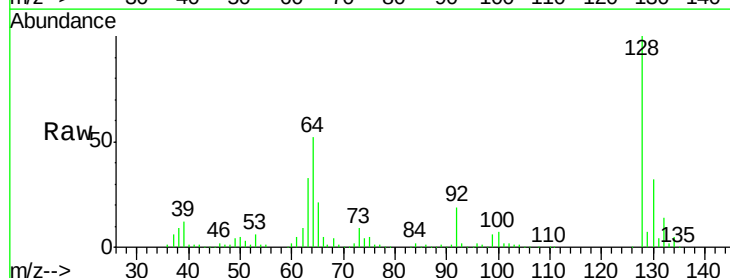
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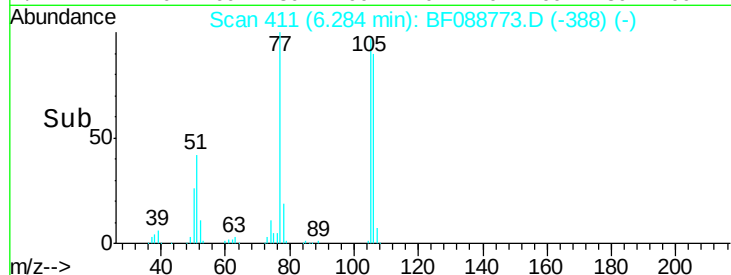
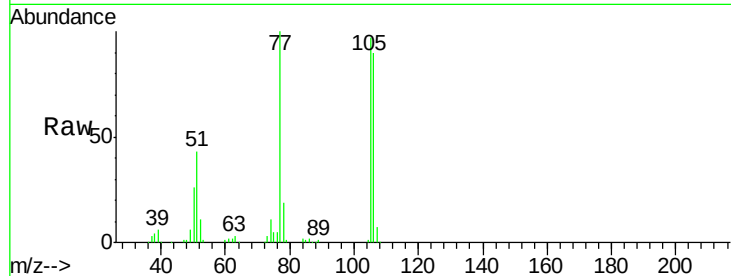
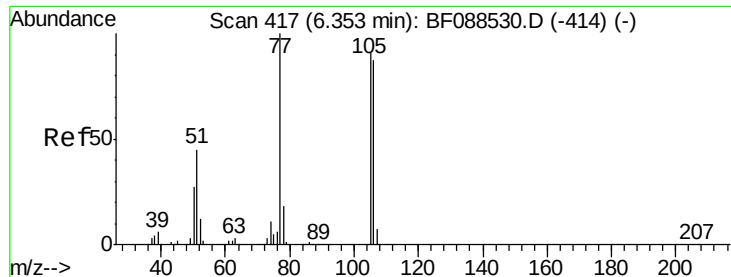
Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.0	52.0
64	51.9	30.8	70.8





#9

Benzaldehyde

Concen: 32.39 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Lower	Upper
77	100		
105	97.5	90.6	130.6
106	90.2	85.3	125.3

Instrument :

BNA_F

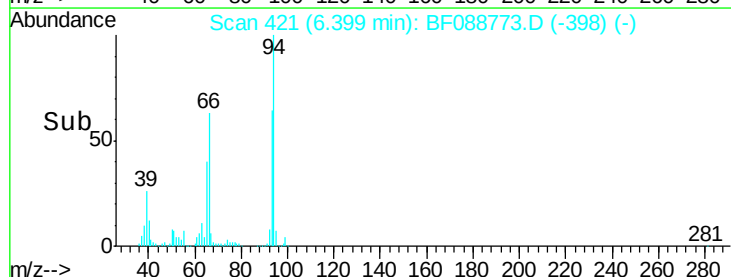
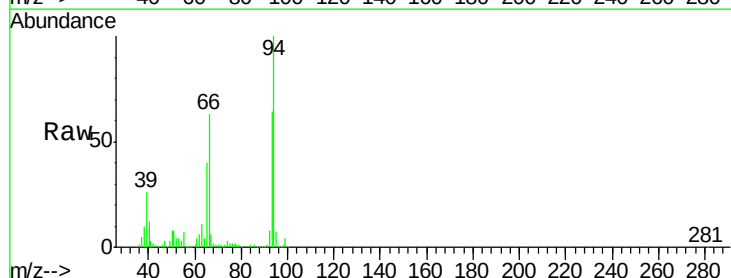
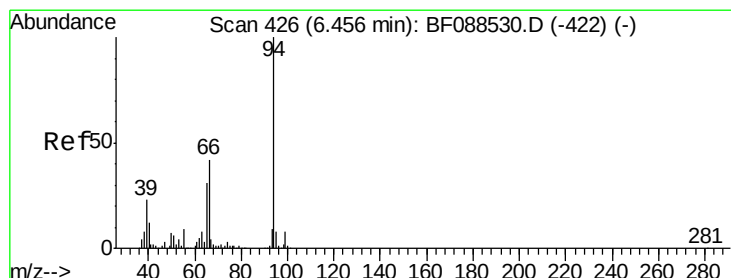
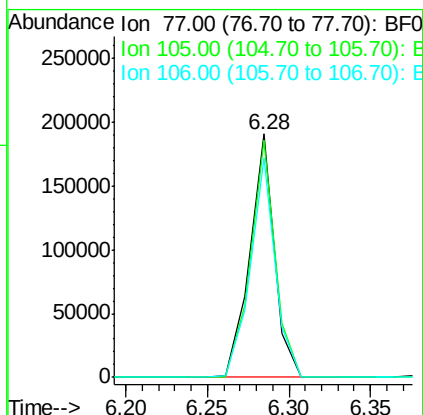
ClientSampleId :

SSTDCCC040

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SOHIL

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#10

Phenol

Concen: 38.49 ng

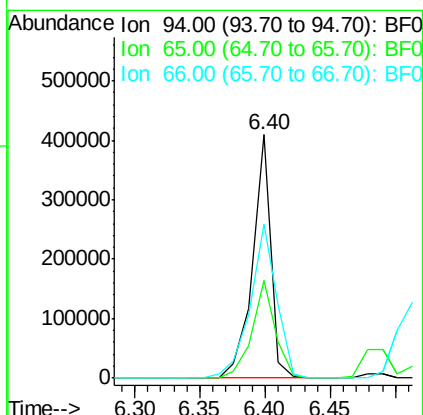
RT: 6.40 min Scan# 421

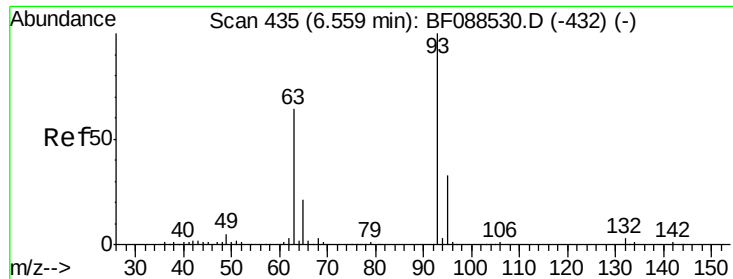
Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Lower	Upper
94	100		
65	40.2	5.9	45.9
66	63.3	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 38.56 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.02 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 298512

Ion Ratio Lower Upper

93 100

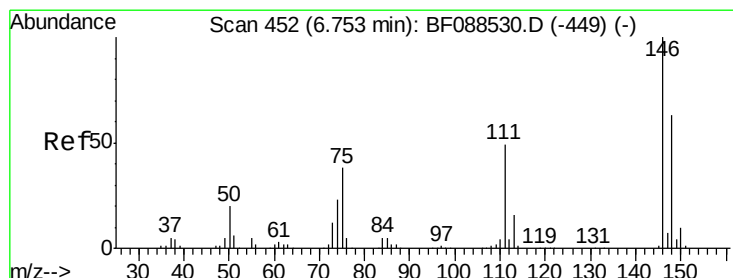
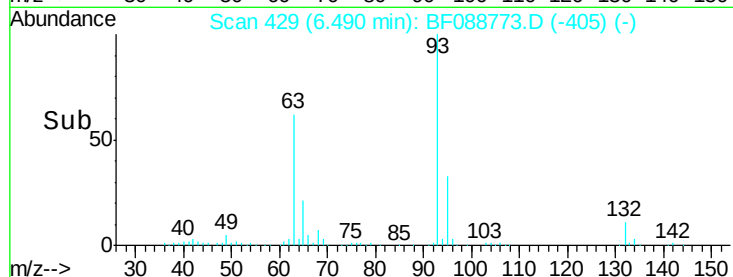
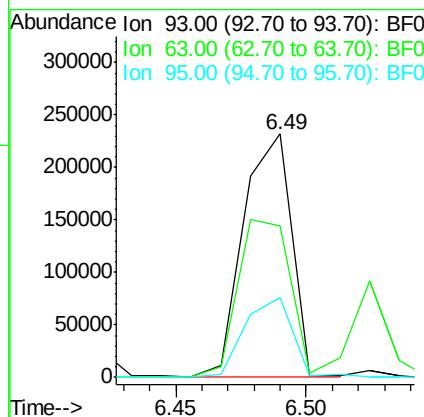
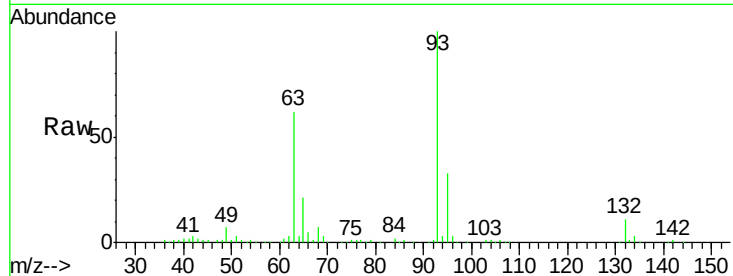
63 62.2 67.6 107.6#

95 32.8 12.5 52.5

Manual Integrations

SOHIL

7/8/2016 7:03:24 AM



#12

1,3-Dichlorobenzene

Concen: 40.75 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

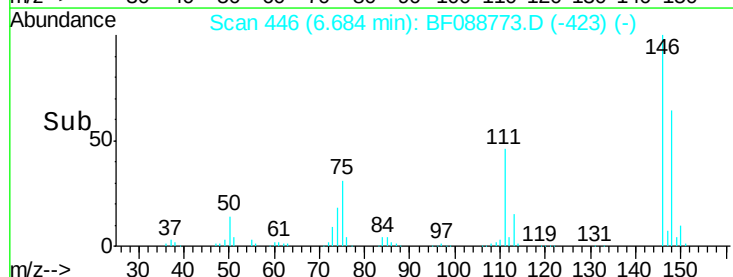
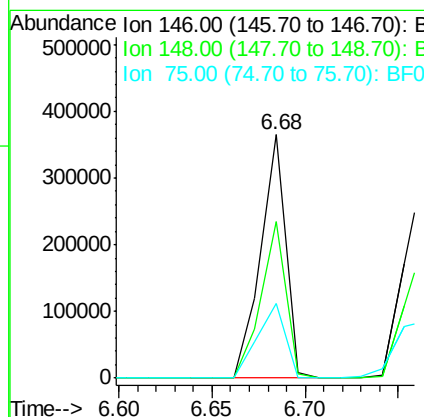
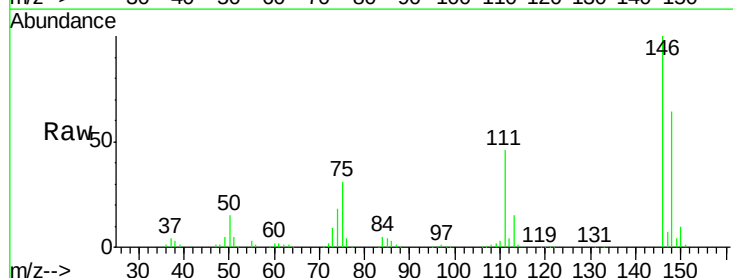
Tgt Ion: 146 Resp: 339315

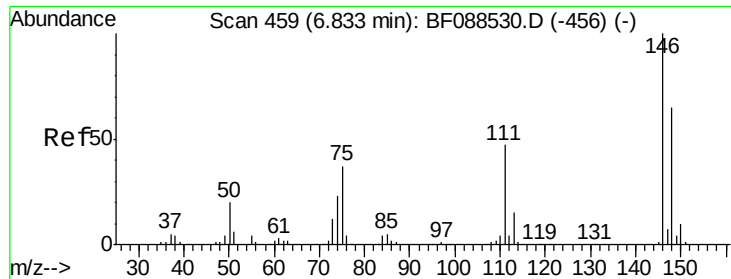
Ion Ratio Lower Upper

146 100

148 64.4 50.9 76.3

75 30.8 25.6 38.4





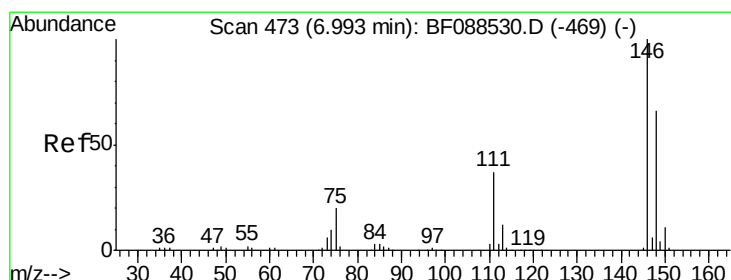
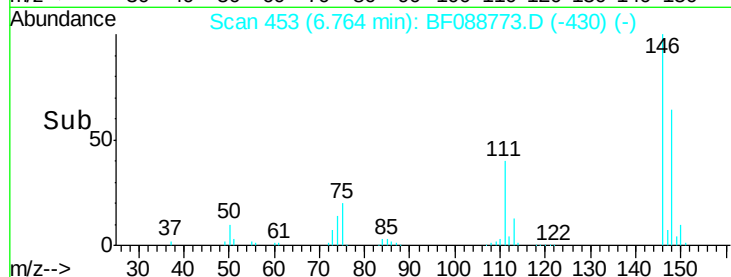
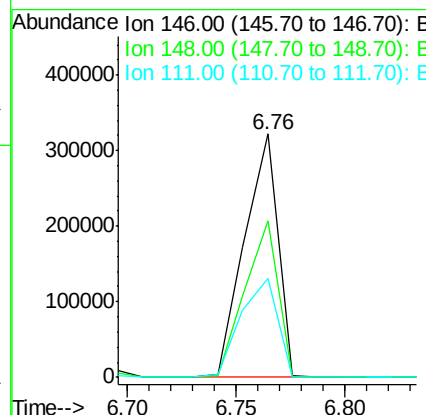
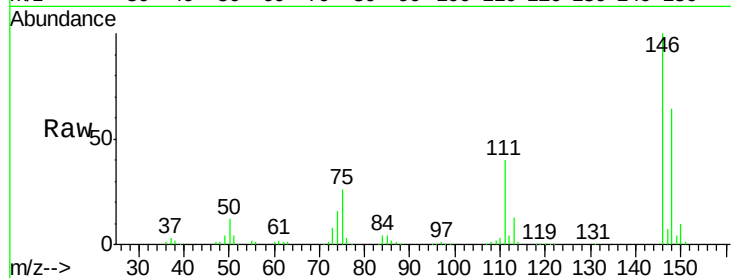
#13
 1,4-Dichlorobenzene
 Concen: 41.50 ng
 RT: 6.76 min Scan# 453
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.0	78.0
111	40.4	33.8	50.8

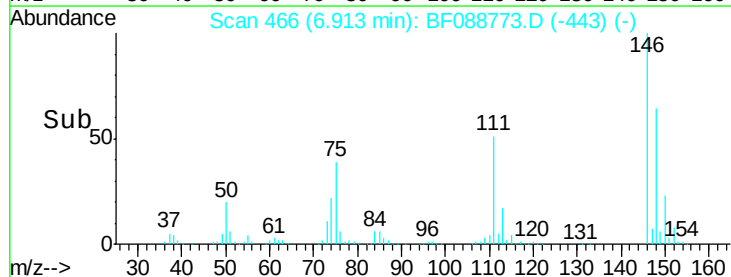
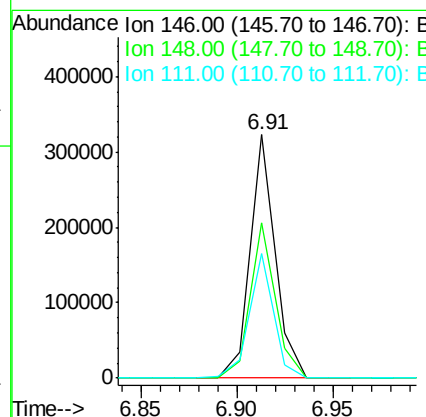
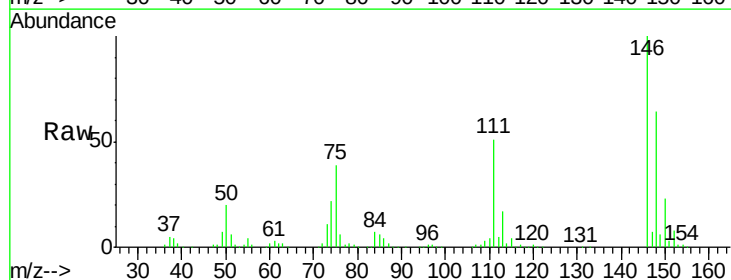
Manual Integrations

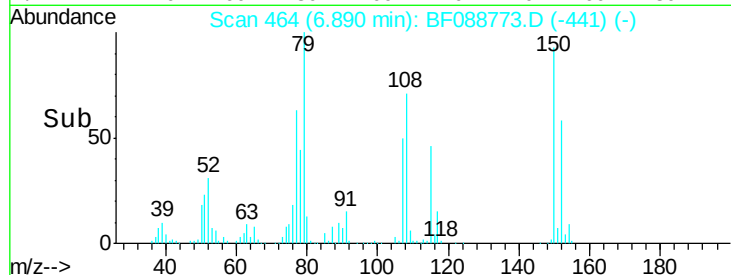
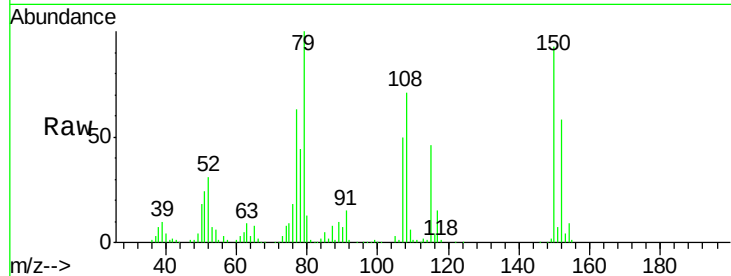
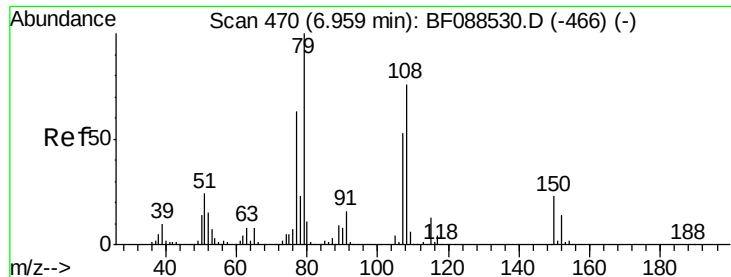
SOHIL
 7/8/2016 7:03:24 AM



#14
 1,2-Dichlorobenzene
 Concen: 37.03 ng m
 RT: 6.91 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.3	78.5
111	51.4	28.7	43.1#





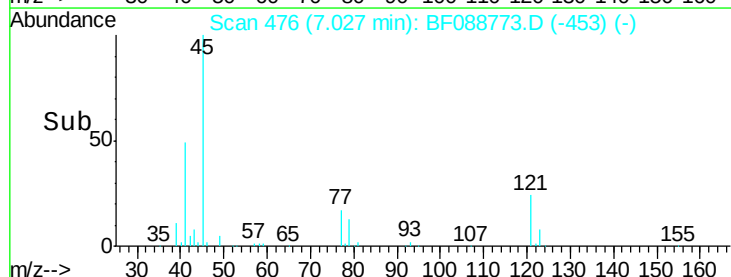
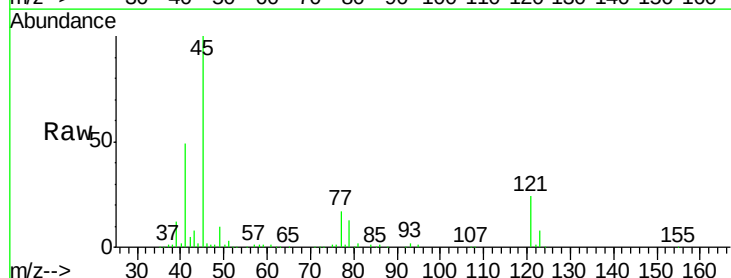
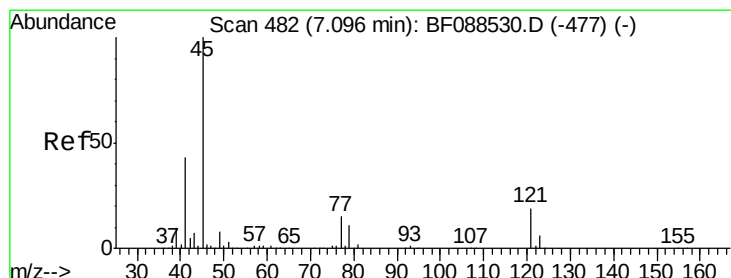
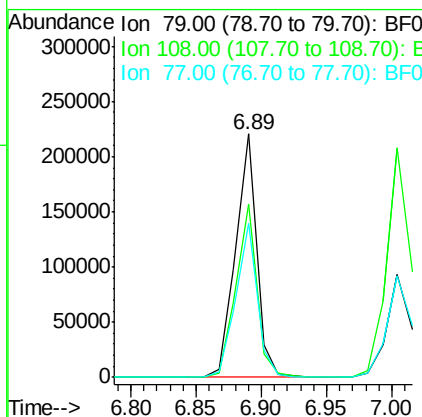
#15
Benzyl Alcohol
Concen: 36.90 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Lower	Upper
79	100		
108	71.2	65.0	97.6
77	63.2	50.3	75.5

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

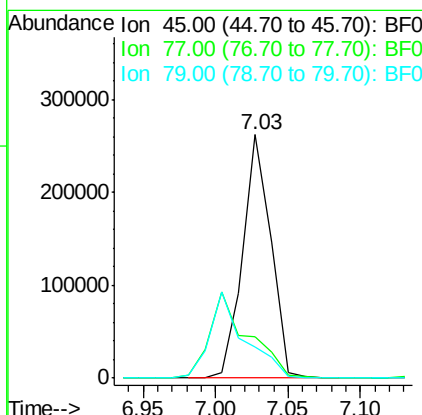
Manual Integrations

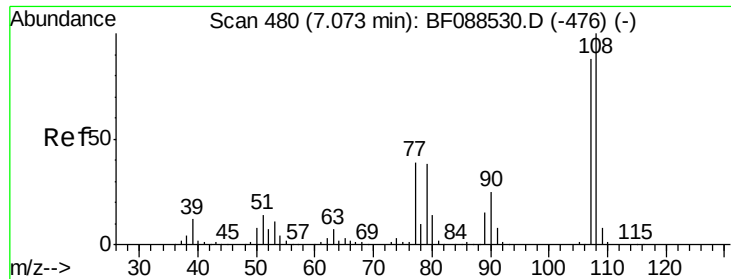
SOHIL
7/8/2016 7:03:24 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.34 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.9	0.0	32.5
79	12.8	0.0	29.5





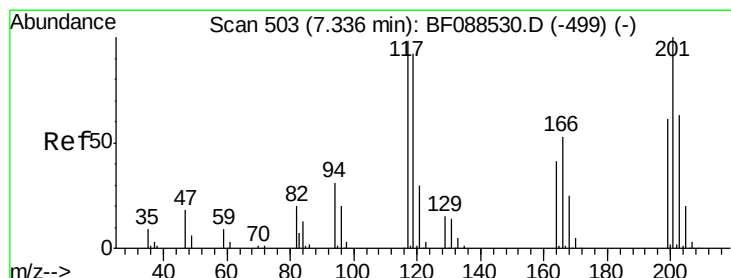
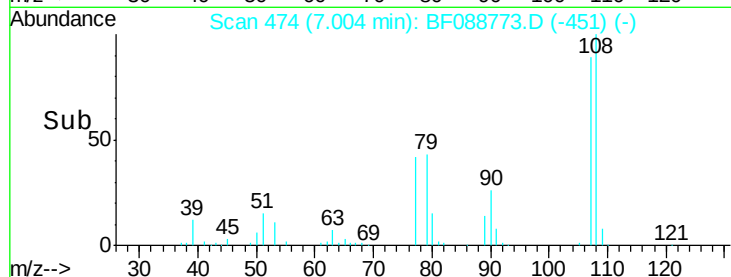
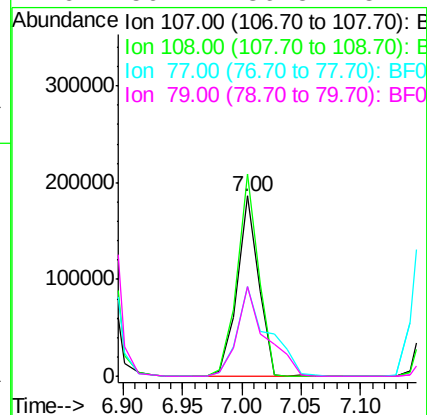
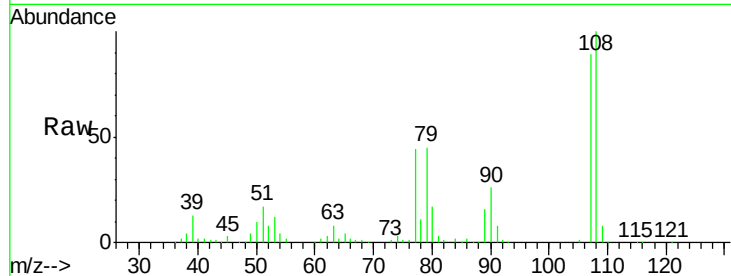
#17
2-Methylphenol
Concen: 38.03 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	234750		
108	112.1	90.9	136.3	
77	49.6	36.6	55.0	
79	50.1	36.5	54.7	

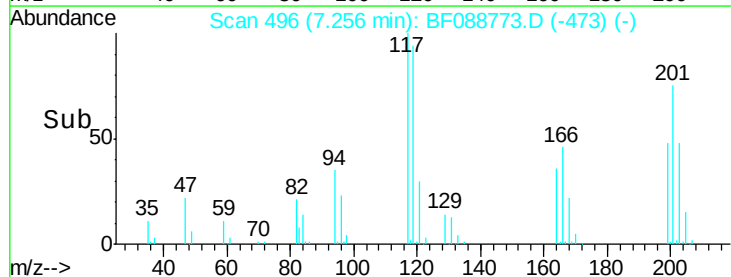
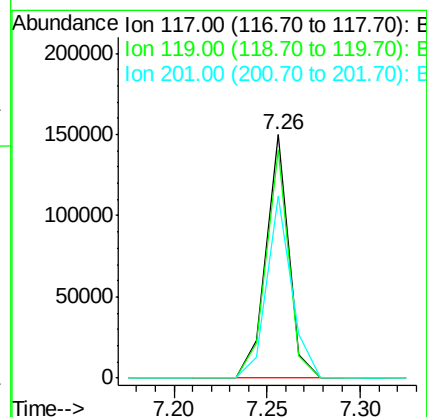
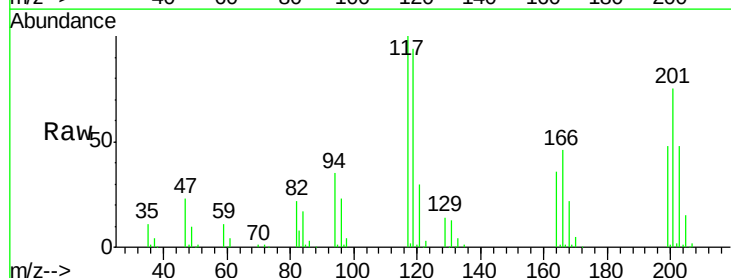
Manual Integrations

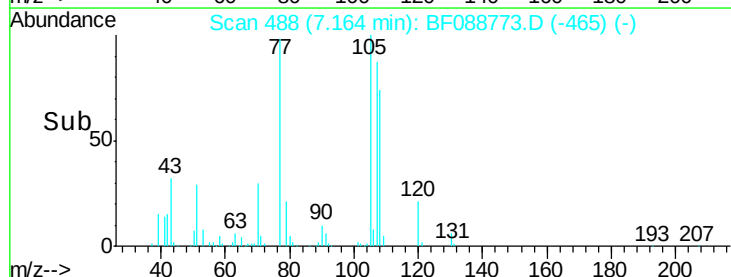
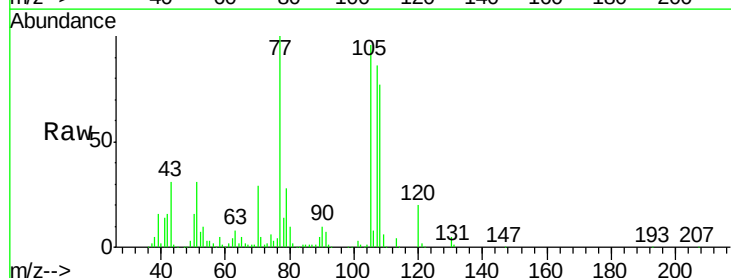
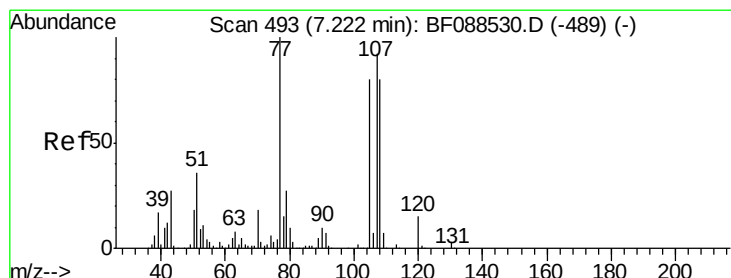
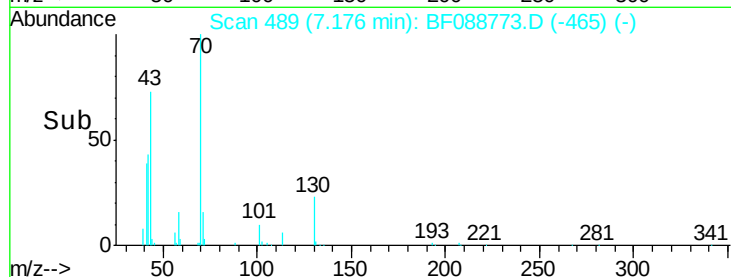
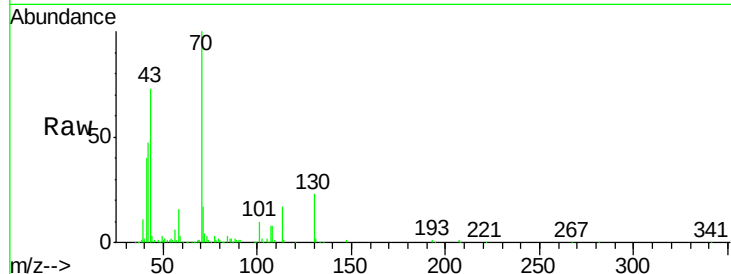
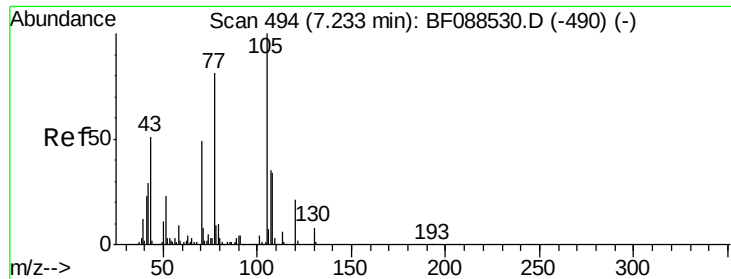
SOHIL
7/8/2016 7:03:24 AM



#18
Hexachloroethane
Concen: 40.40 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	129155		
119	93.6	77.4	116.2	
201	75.0	80.4	120.6	

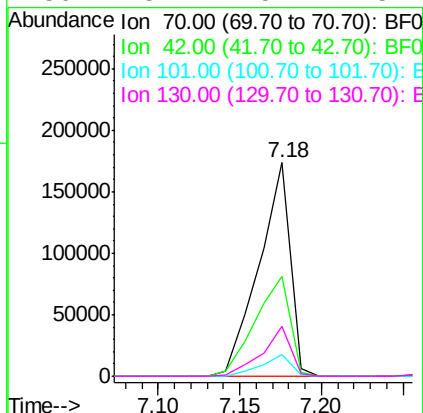




#19
n-Nitroso-di-n-propylamine
Concen: 38.11 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	46.7	49.6	74.4#
101	10.4	7.1	10.7
130	23.2	15.4	23.2#

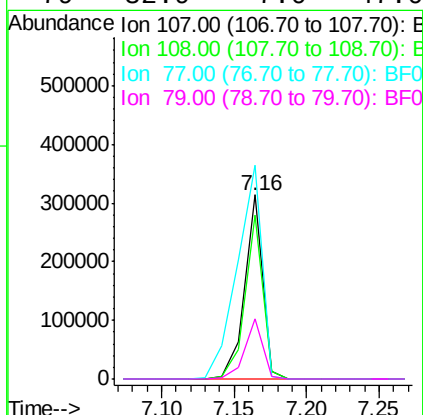


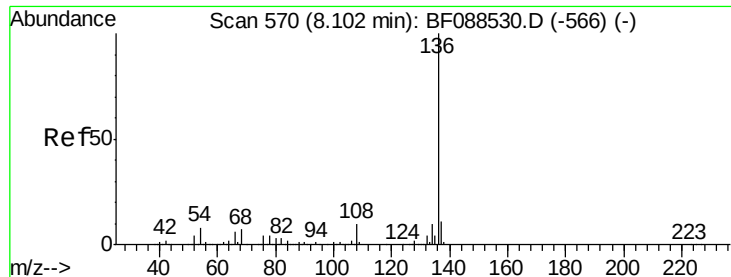
Manual Integrations

SOHIL
7/8/2016 7:03:24 AM

#20
3+4-Methylphenols
Concen: 36.80 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	67.8	107.8
77	116.1	59.3	99.3#
79	32.9	7.0	47.0





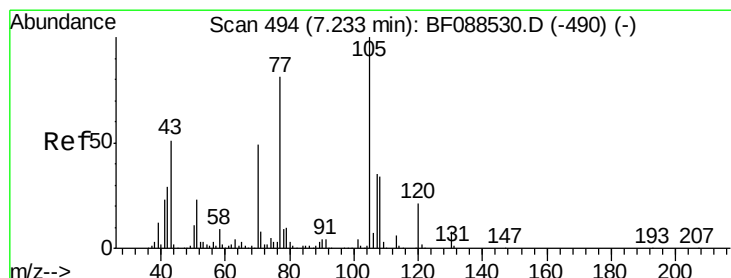
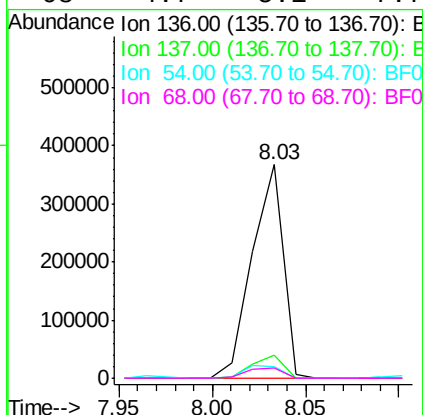
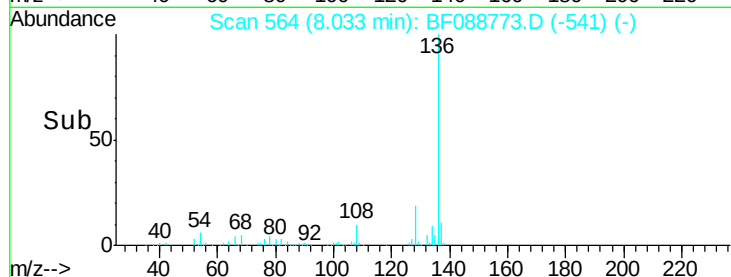
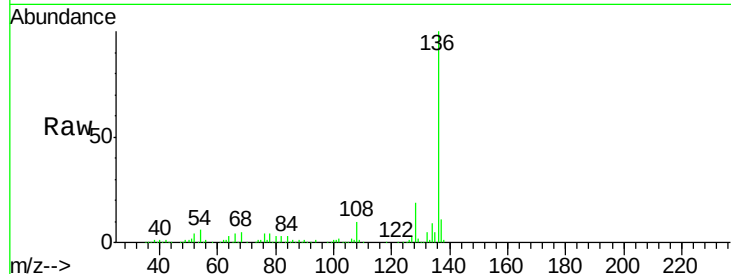
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	424339		
137	10.6	9.1	13.7	
54	5.6	6.6	10.0	
68	4.7	5.1	7.7	

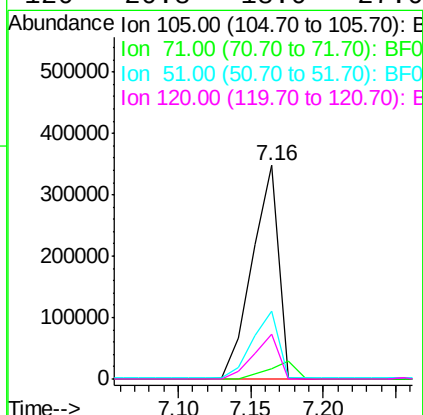
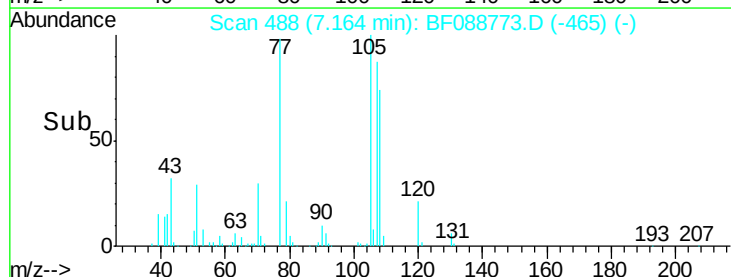
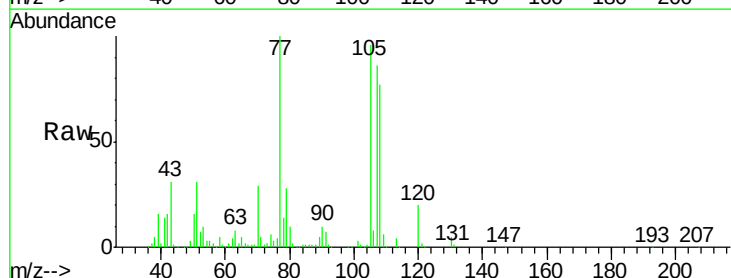
Manual Integrations

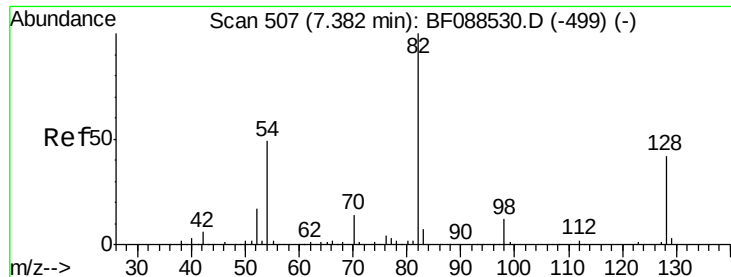
SOHIL
7/8/2016 7:03:24 AM



#22
Acetophenone
Concen: 42.55 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	438193		
71	5.1	5.3	7.9	
51	32.0	18.2	27.4	
120	20.8	18.0	27.0	





#23

Nitrobenzene-d5

Concen: 73.91 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 598473

Ion Ratio Lower Upper

82 100

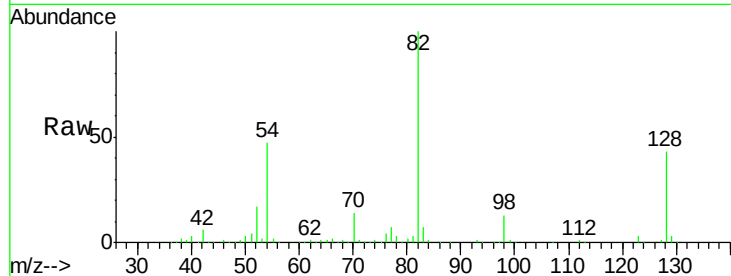
128 42.5 35.9 53.9

54 47.1 40.9 61.3

Manual Integrations

SOHIL

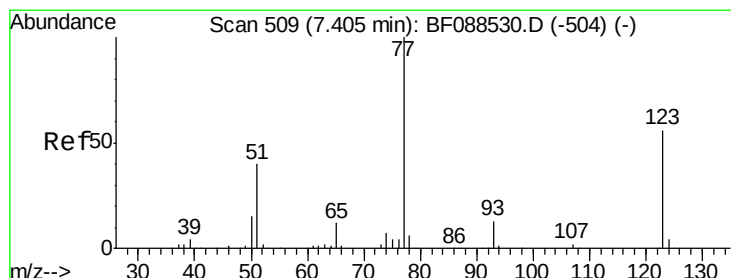
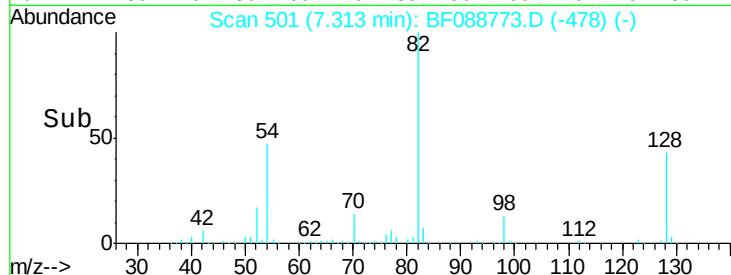
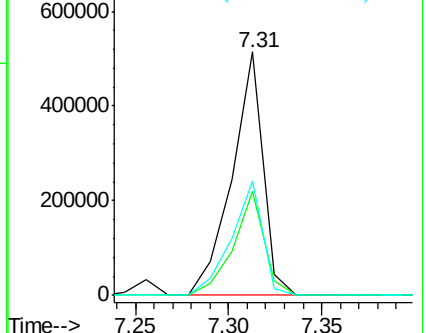
7/8/2016 7:03:24 AM



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.03 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

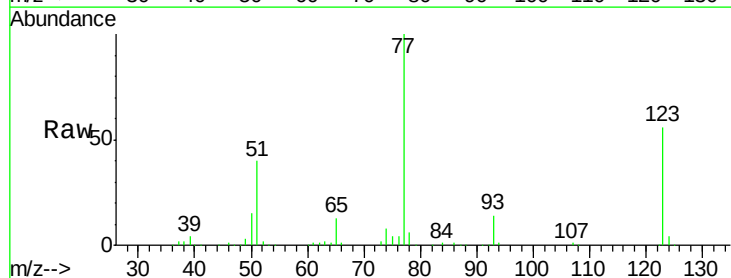
Tgt Ion: 77 Resp: 334974

Ion Ratio Lower Upper

77 100

123 55.6 45.0 67.4

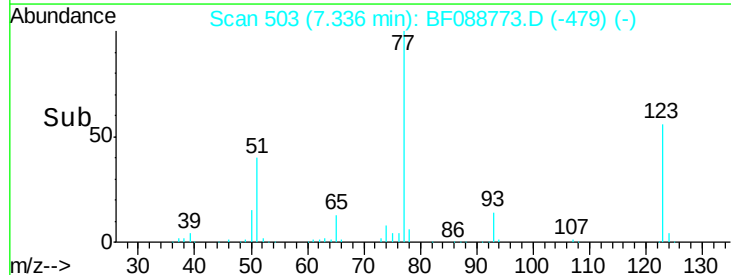
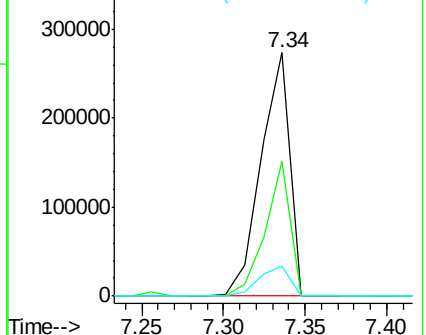
65 12.5 10.2 15.2

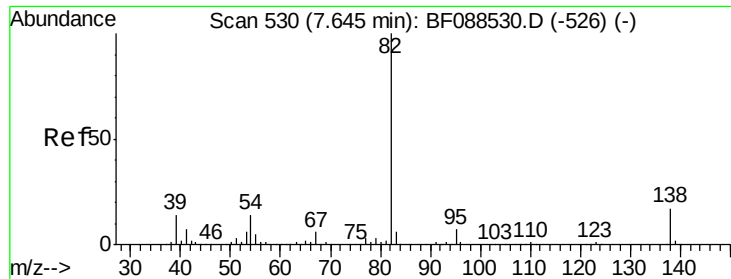


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.71 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

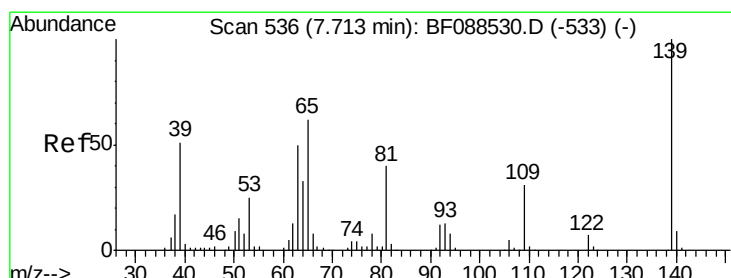
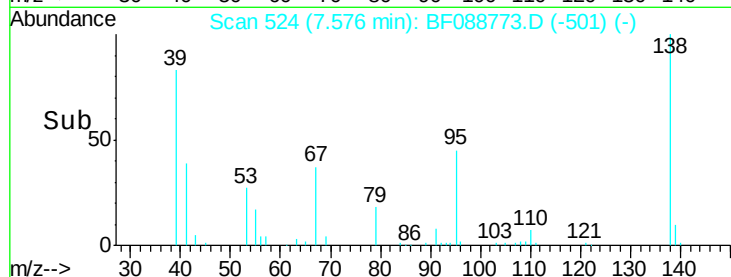
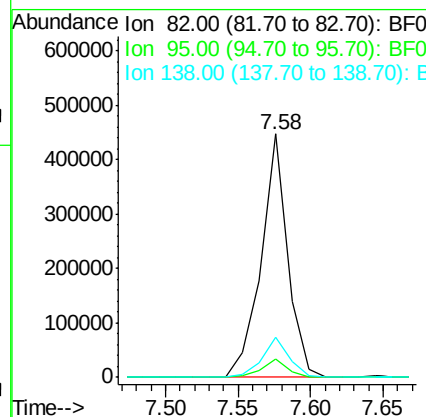
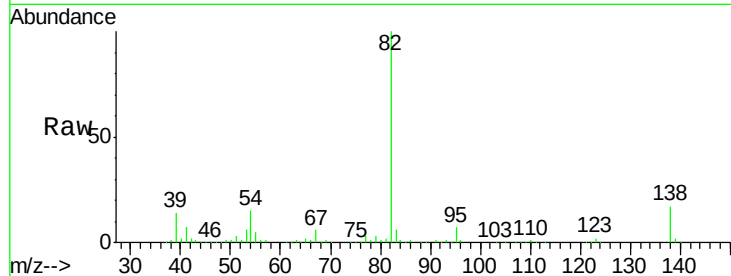
SSTDCCC040

Tgt Ion:	82	Resp:	565591
Ion Ratio		Lower	Upper
82	100		
95	7.4	5.4	8.2
138	16.6	14.6	21.8

Manual Integrations

SOHIL

7/8/2016 7:03:24 AM



#26

2-Nitrophenol

Concen: 43.05 ng

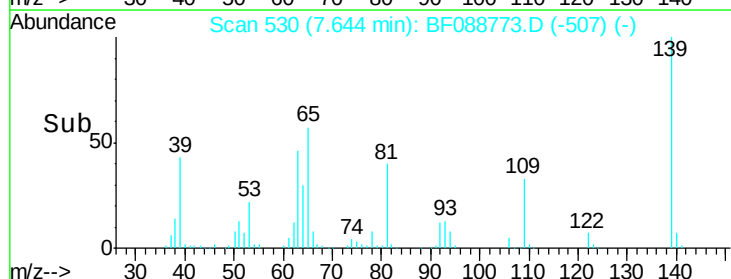
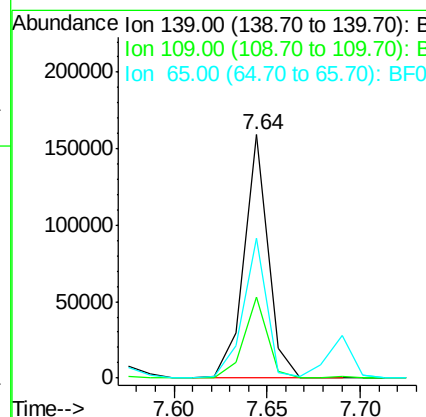
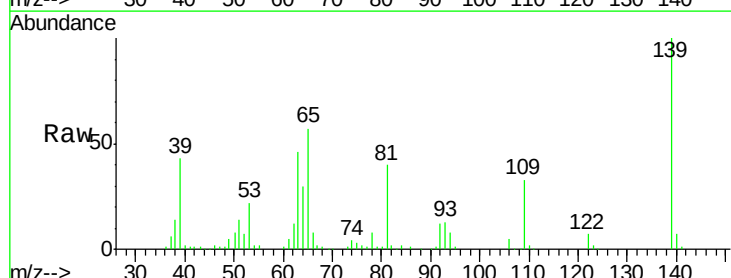
RT: 7.64 min Scan# 530

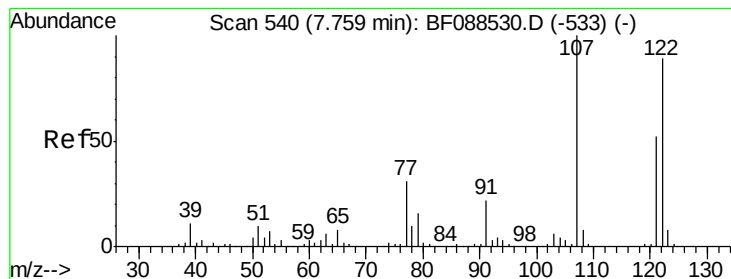
Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Tgt Ion:	139	Resp:	144116
Ion Ratio		Lower	Upper
139	100		
109	33.3	23.0	34.4
65	57.3	45.8	68.8





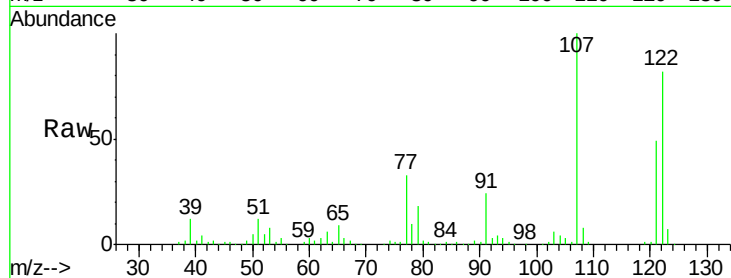
#27
 2,4-Dimethylphenol
 Concen: 36.50 ng
 RT: 7.69 min Scan# 534
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

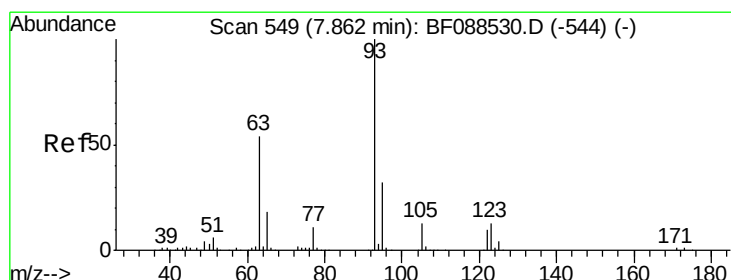
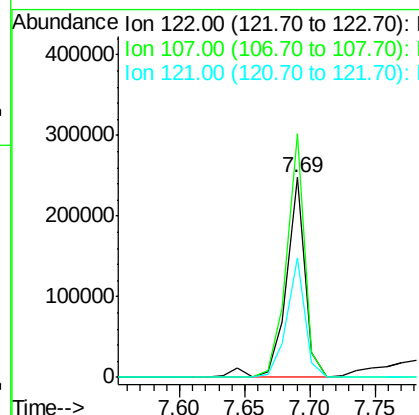
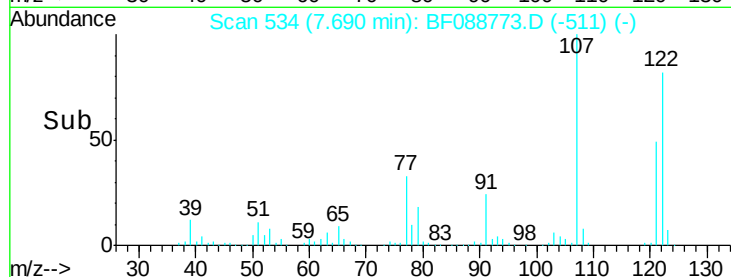
Tgt Ion	Ratio	Lower	Upper
122	100		
107	122.0	82.4	123.6
121	60.0	46.3	69.5

Manual Integrations

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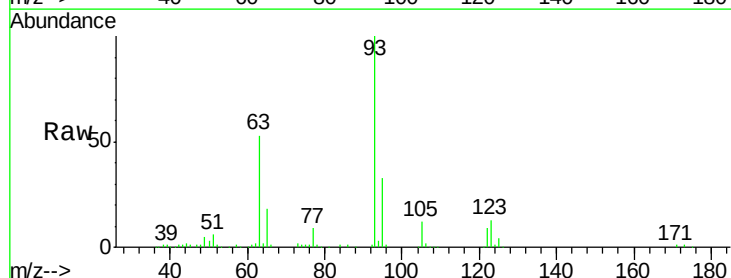


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

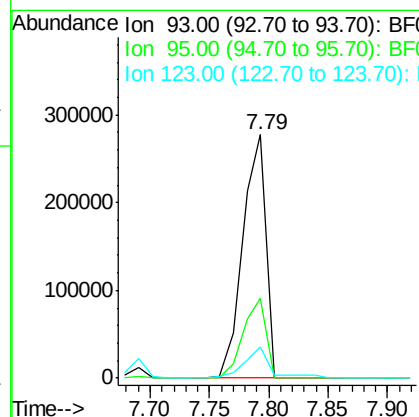
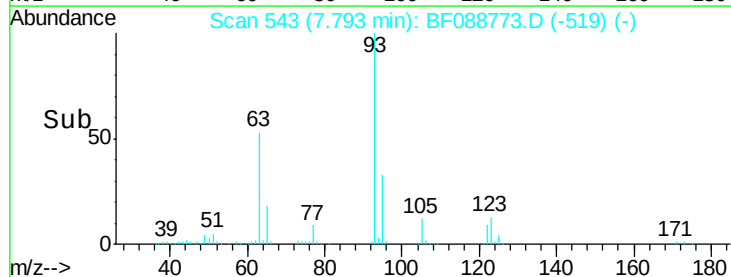


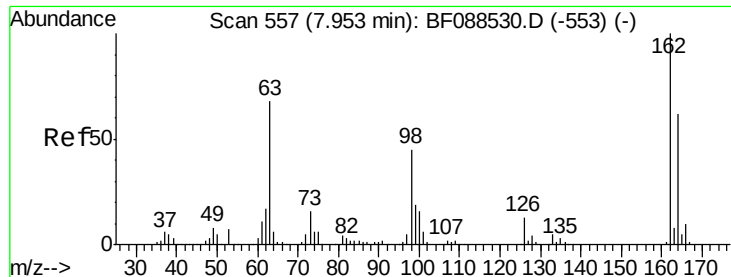
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.35 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.02 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.5	39.7
123	12.5	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





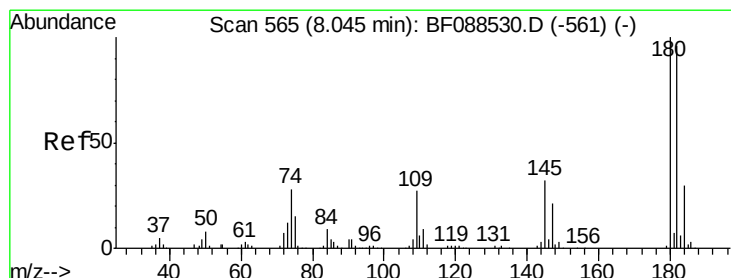
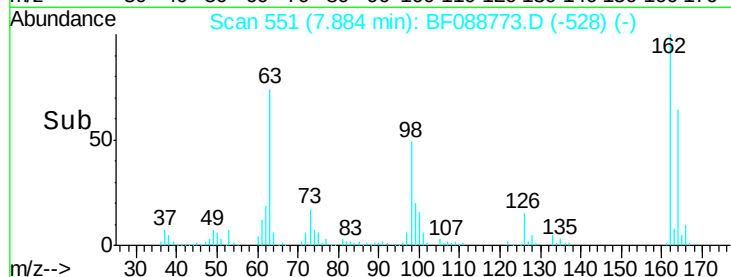
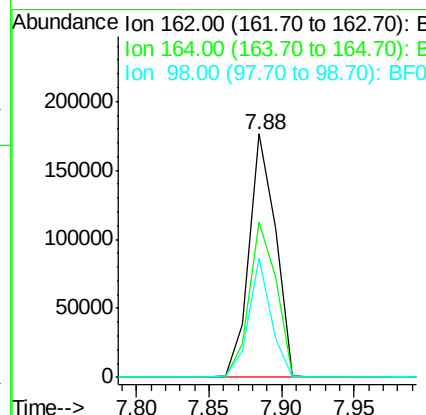
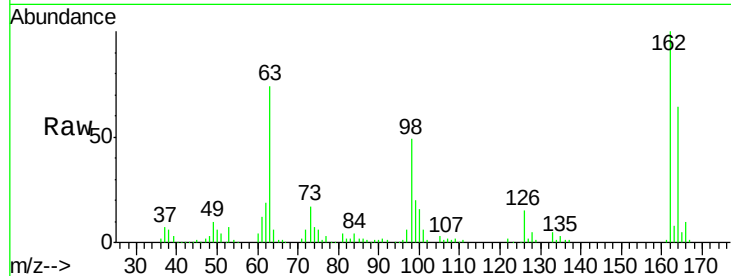
#29
2,4-Dichlorophenol
Concen: 39.65 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	223438		
164	63.8	43.8	83.8	
98	49.0	21.3	61.3	

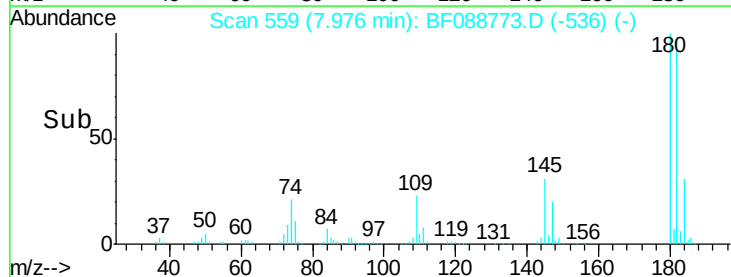
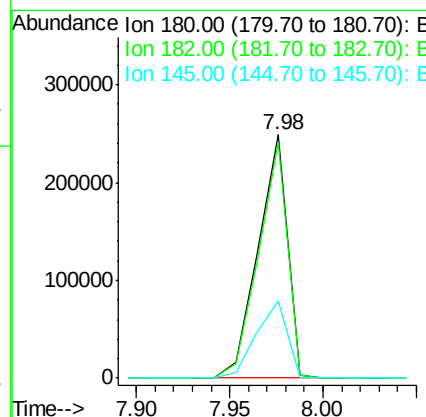
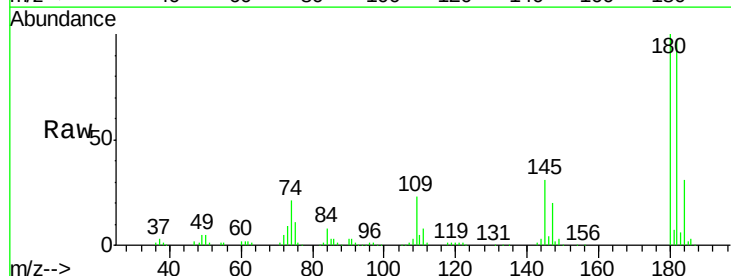
Manual Integrations

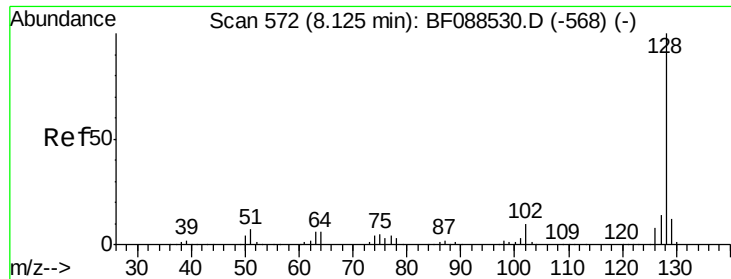
SOHIL
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#30
1,2,4-Trichlorobenzene
Concen: 43.36 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	268133		
182	96.8	76.0	114.0	
145	31.5	26.5	39.7	





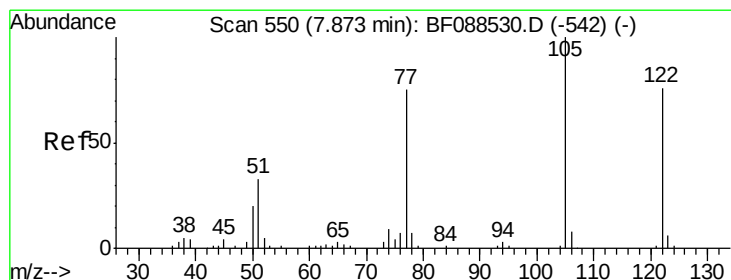
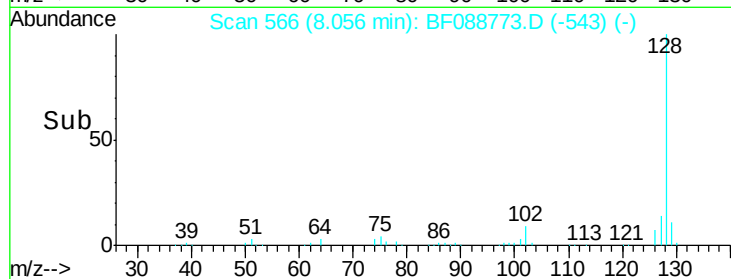
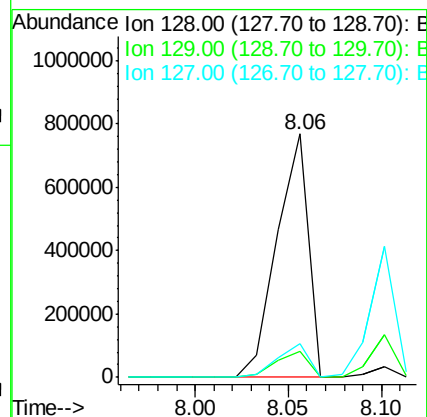
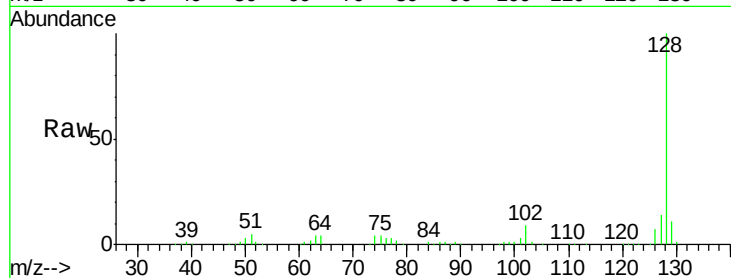
#31
Naphthalene
Concen: 42.95 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.4	14.2
127	13.6	10.9	16.3

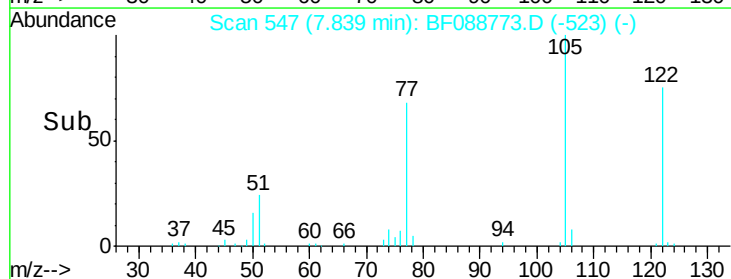
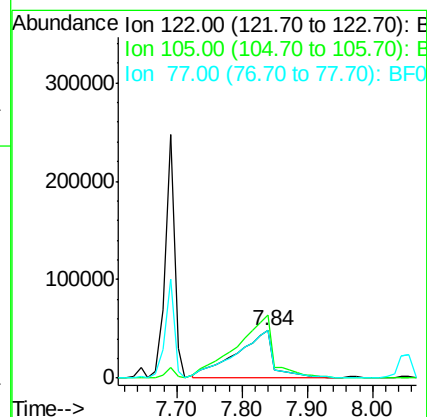
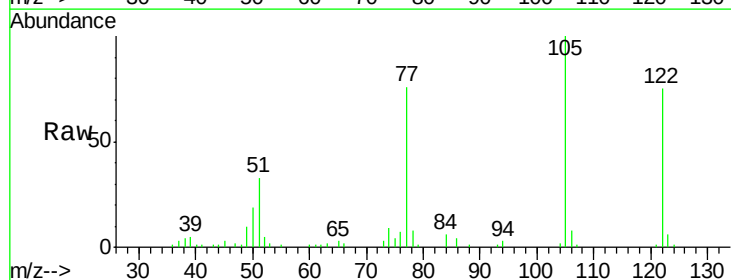
Manual Integrations

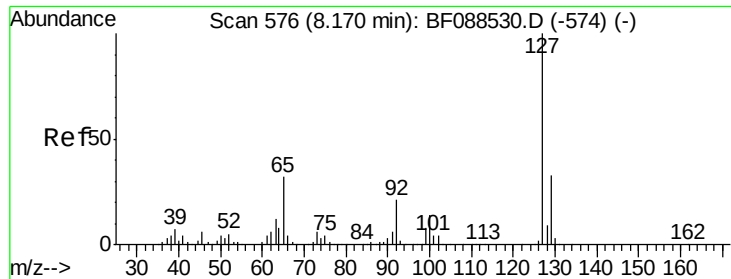
SOHIL
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#32
Benzoic acid
Concen: 37.70 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.02 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.7	101.6	141.6
77	101.8	70.6	110.6





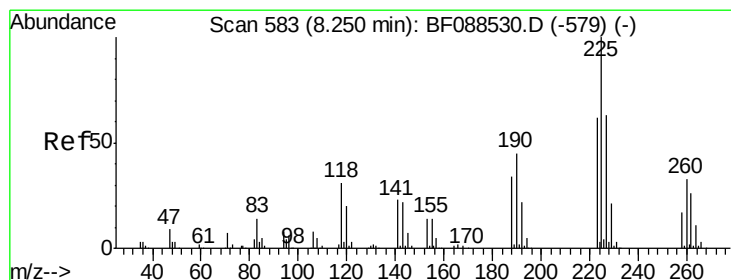
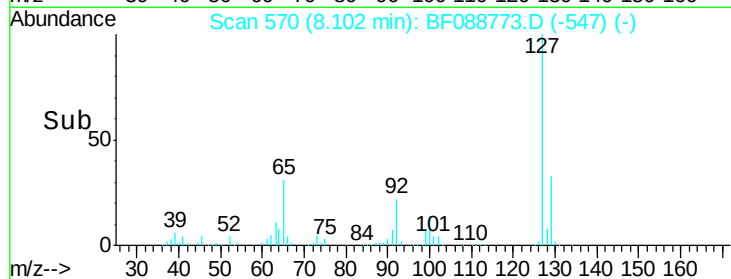
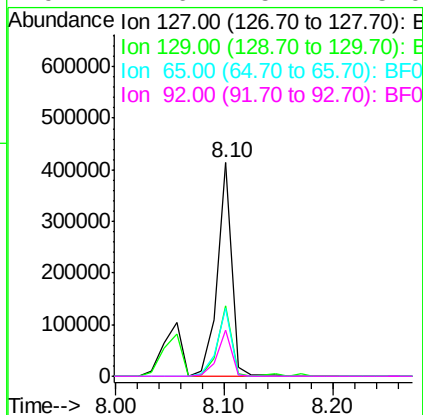
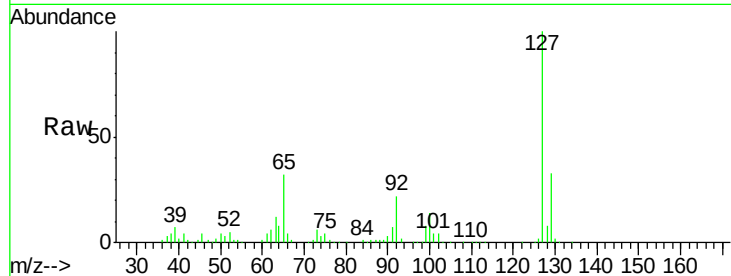
#33
 4-Chloroaniline
 Concen: 41.14 ng
 RT: 8.10 min Scan# 570
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.3	39.5
65	31.5	24.7	37.1
92	21.6	15.4	23.0

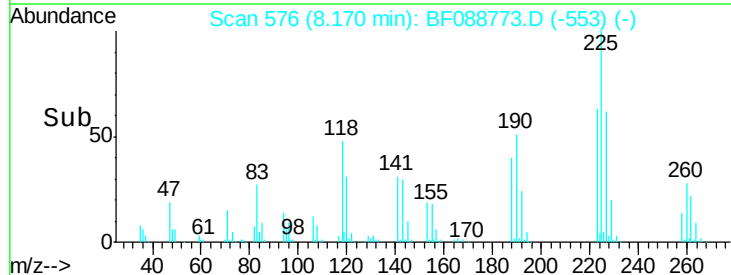
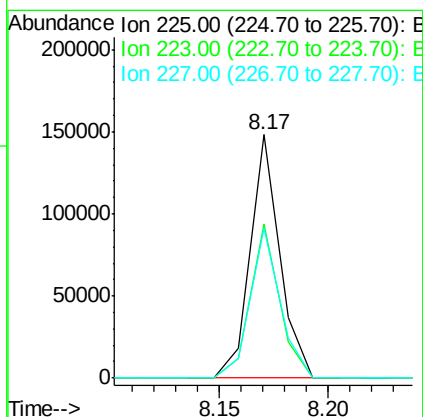
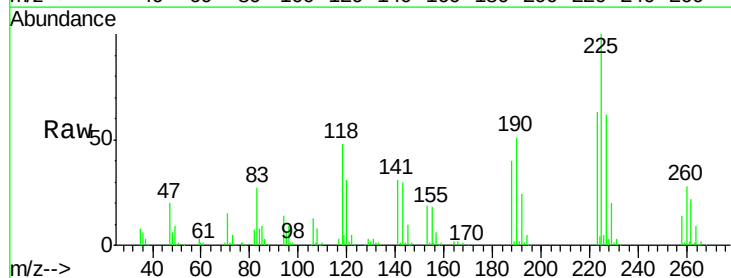
Manual Integrations

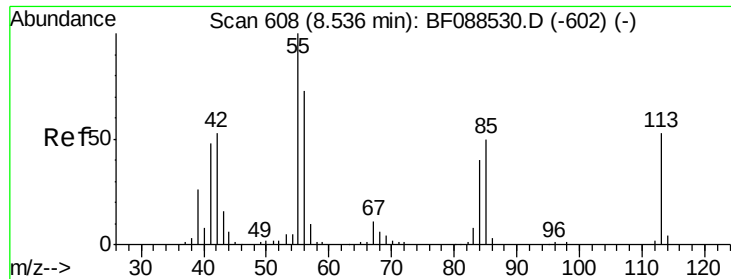
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#34
 Hexachlorobutadiene
 Concen: 42.22 ng
 RT: 8.17 min Scan# 576
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.9	76.3
227	61.8	51.9	77.9





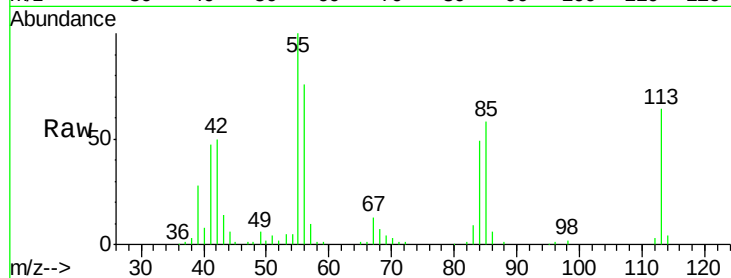
#35
 Caprolactam
 Concen: 40.01 ng
 RT: 8.49 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

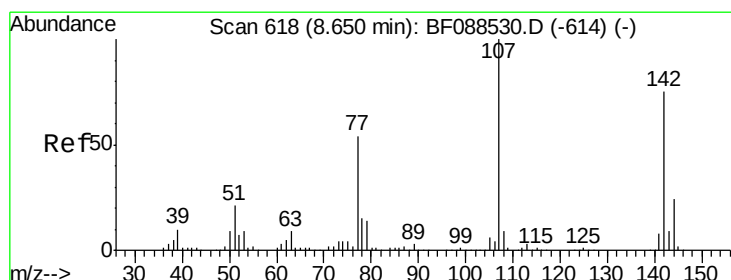
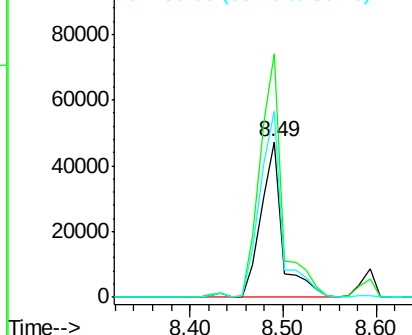
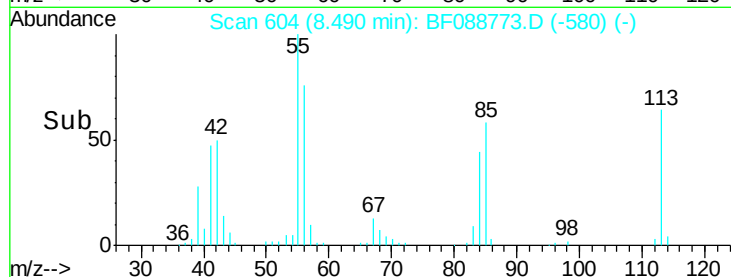
Tgt Ion:113 Resp: 76581
 Ion Ratio Lower Upper
 113 100
 55 156.5 158.6 198.6#
 56 119.4 110.6 150.6

Manual Integrations

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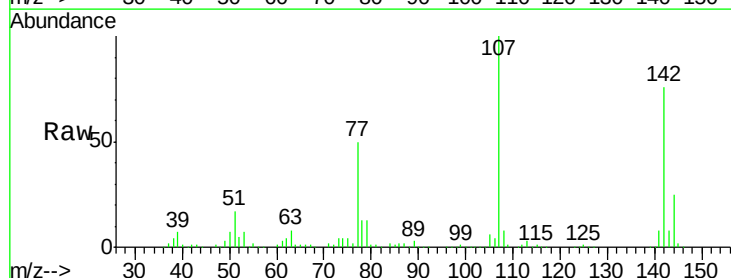


Abundance Ion 113.00 (112.70 to 113.70): E
 100000
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

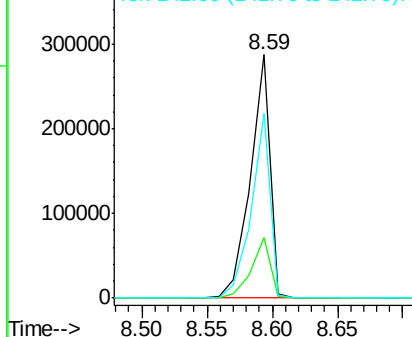
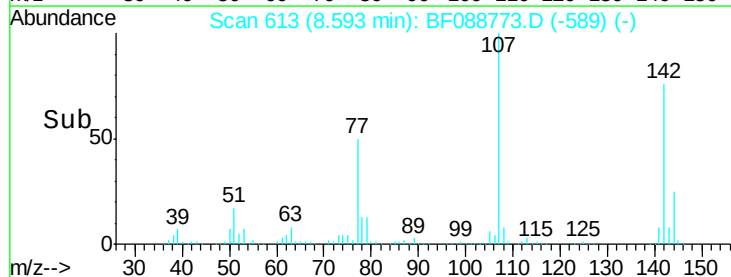


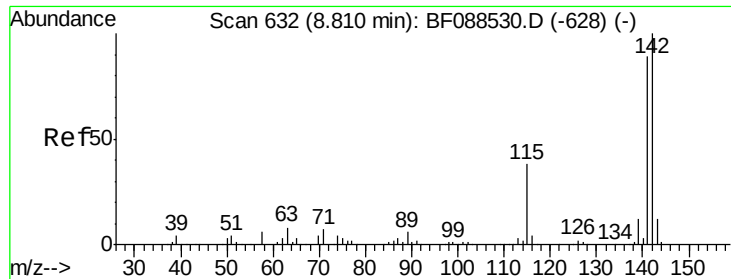
#36
 4-Chloro-3-methylphenol
 Concen: 45.25 ng
 RT: 8.59 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Tgt Ion:107 Resp: 301522
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.8 31.2
 142 76.1 63.4 95.2



Abundance Ion 107.00 (106.70 to 107.70): E
 400000
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





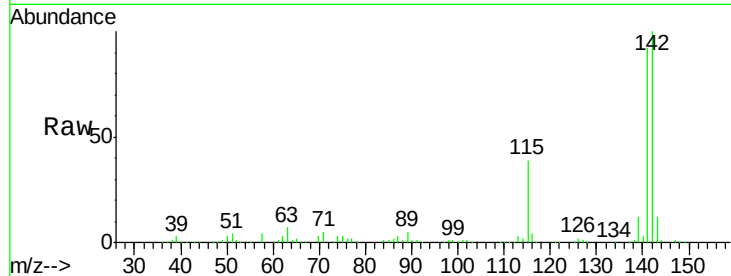
#37
2-Methylnaphthalene
Concen: 40.49 ng
RT: 8.74 min Scan# 626
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

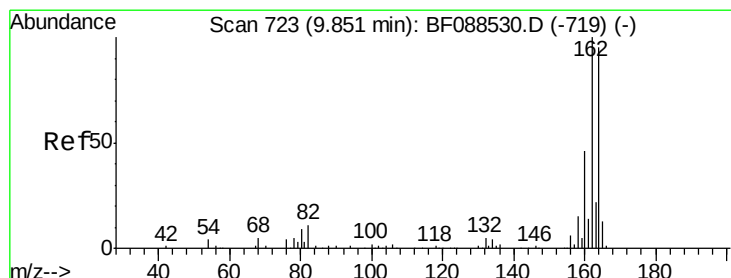
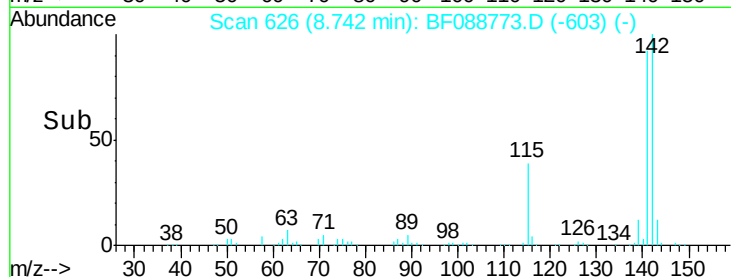
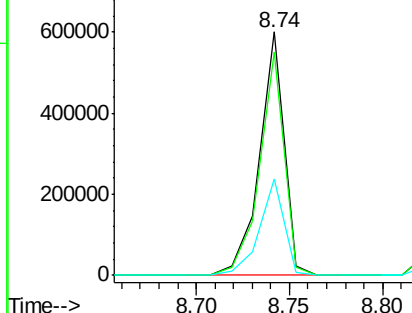
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.0	106.6
115	39.4	22.6	33.8

Manual Integrations

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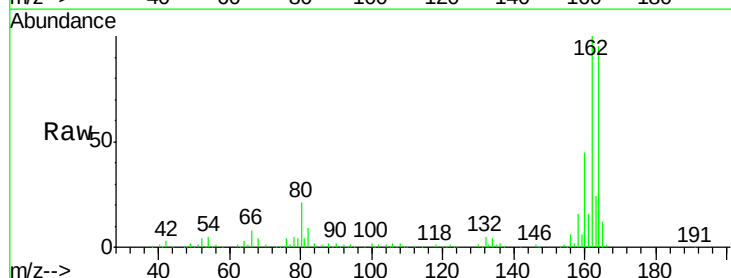


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

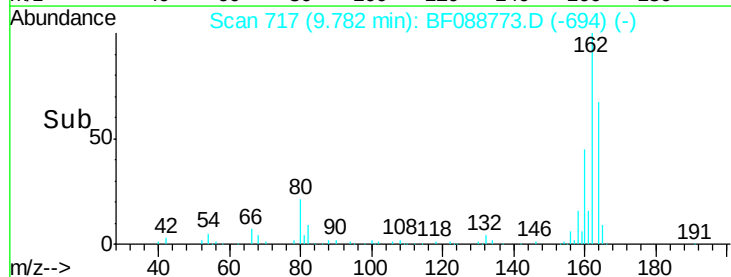
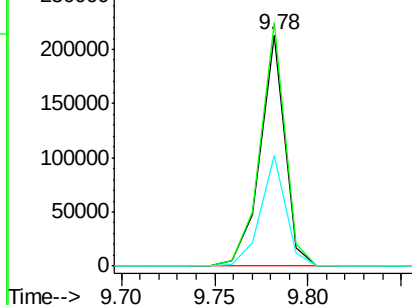


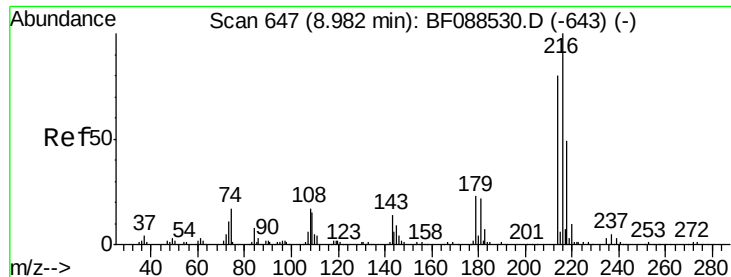
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	85.4	128.2
160	47.8	39.5	59.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





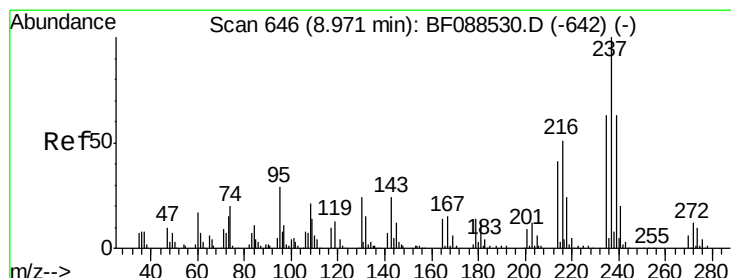
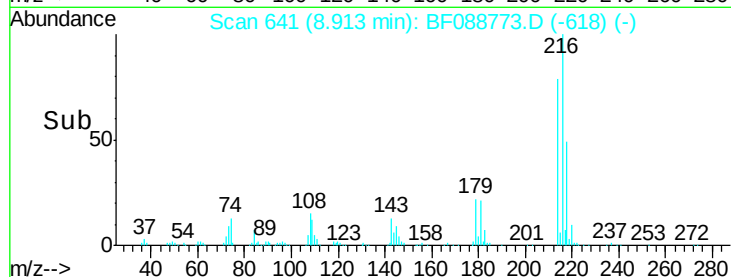
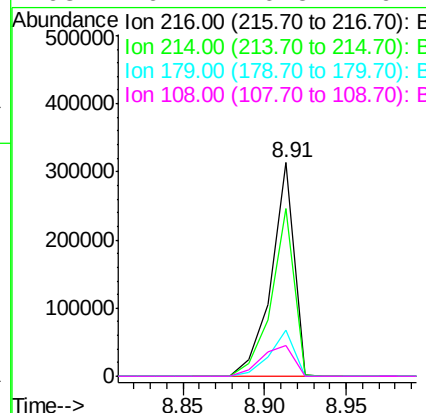
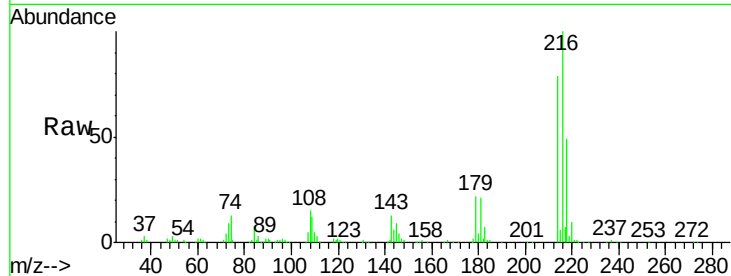
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.34 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	2.9	4.3#
179	23.0	0.0	0.0#
108	20.4	0.5	0.7#

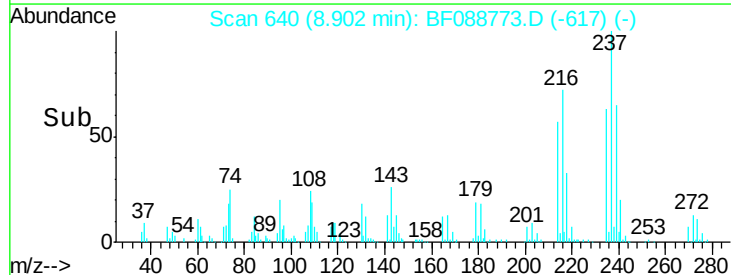
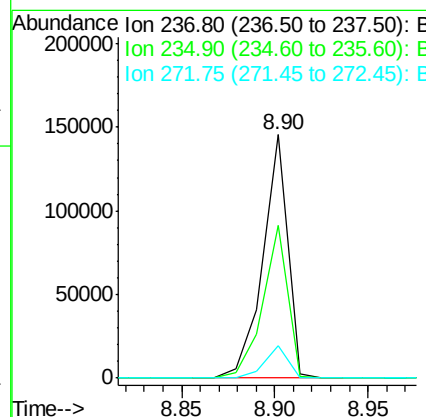
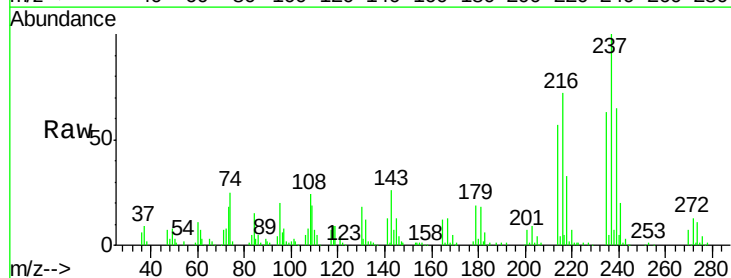
Manual Integrations

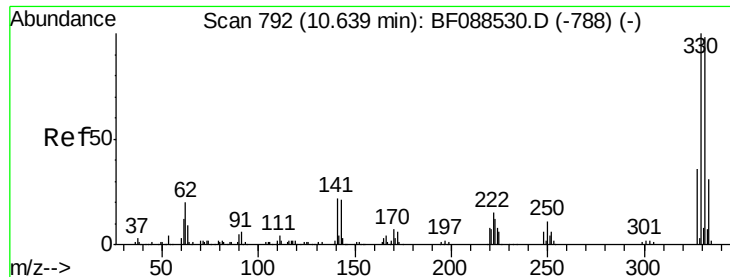
SOHIL
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#40
 Hexachlorocyclopentadiene
 Concen: 42.04 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.8	43.4	83.4
272	13.2	0.0	32.3





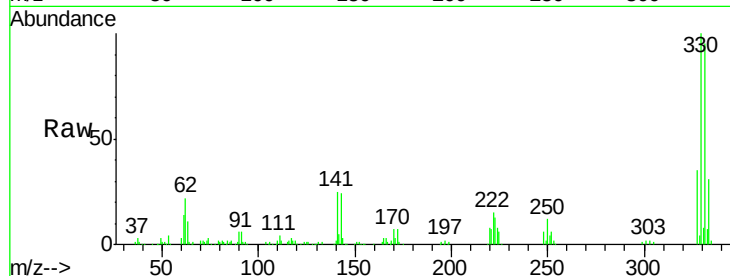
#41
 2,4,6-Tribromophenol
 Concen: 98.15 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

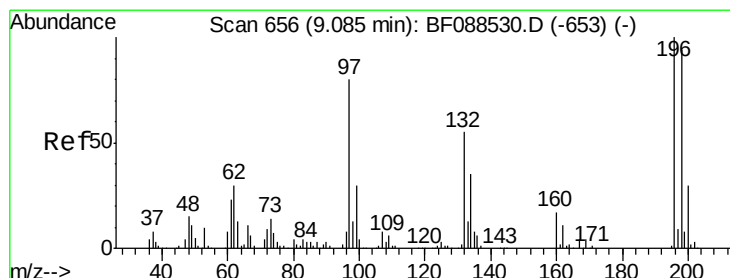
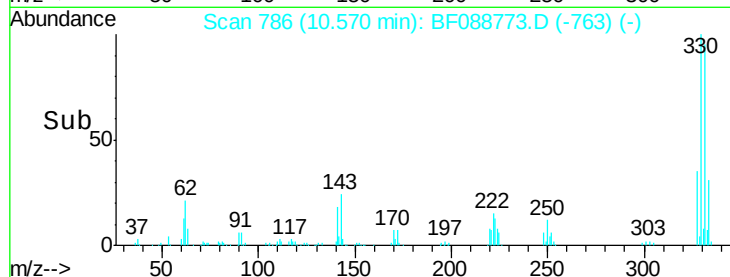
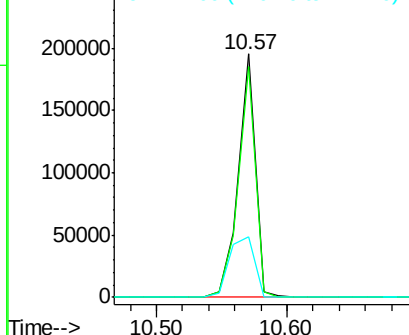
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	176770		
332	94.8	0.0	0.0	0.0
141	36.9	0.0	0.0	0.0

Manual Integrations

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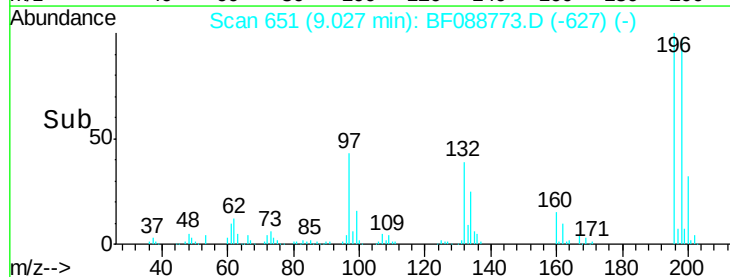
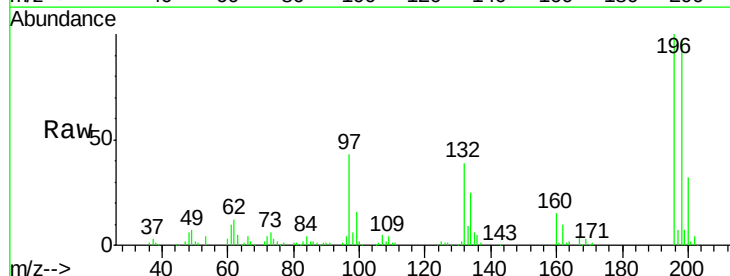
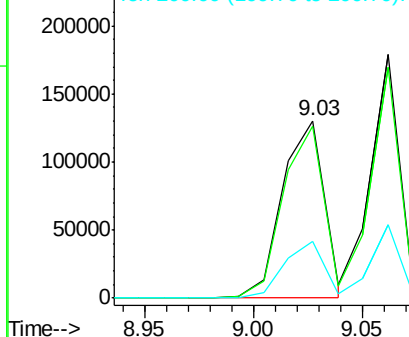
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

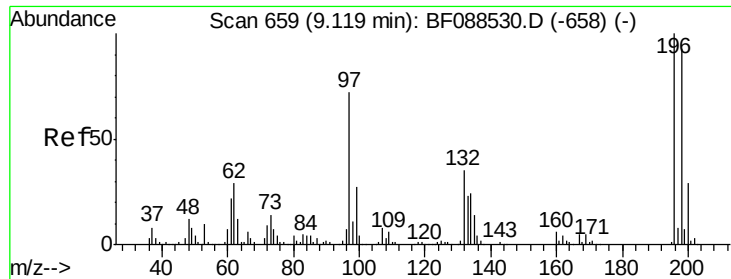


#42
 2,4,6-Trichlorophenol
 Concen: 41.09 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	174779		
198	97.2	78.0	117.0	
200	32.0	25.4	38.2	

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





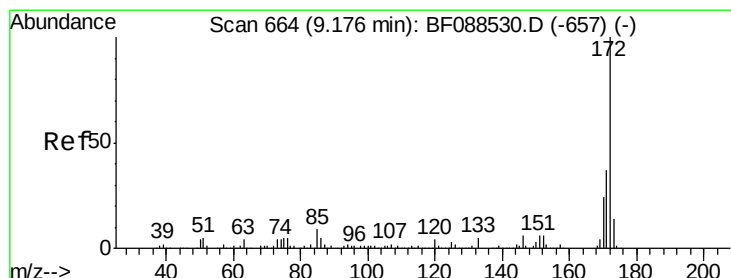
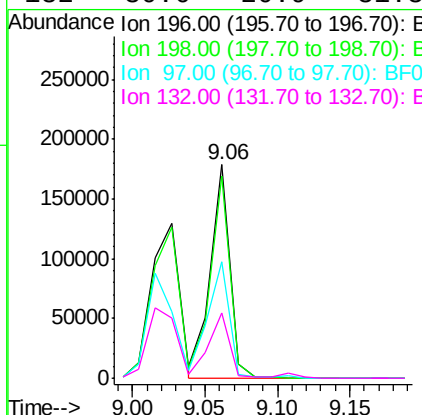
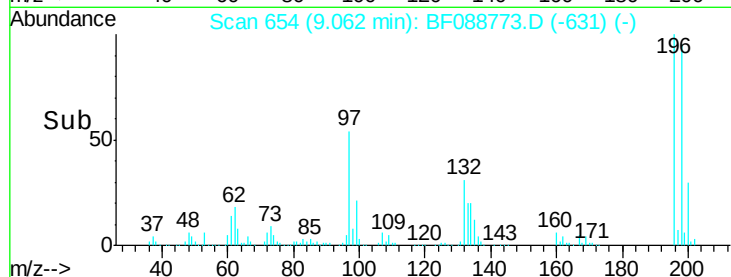
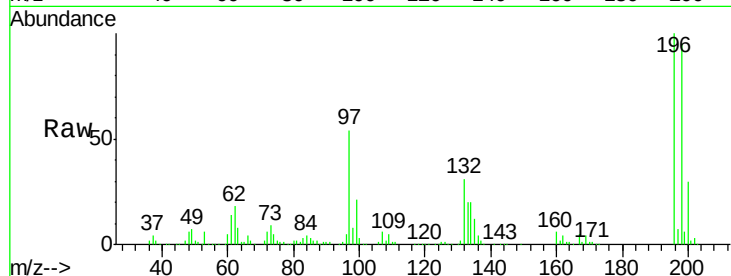
#43
 2,4,5-Trichlorophenol
 Concen: 45.76 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		167437		
198	94.7	77.5	116.3		
97	54.4	32.0	48.0		
132	30.6	20.9	31.3		

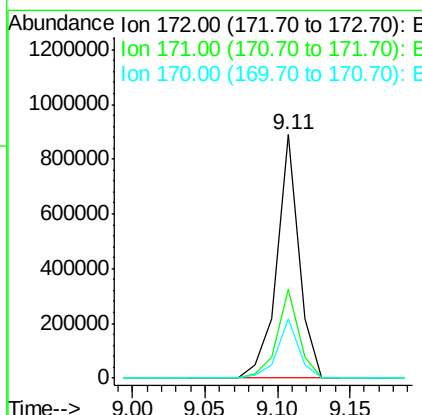
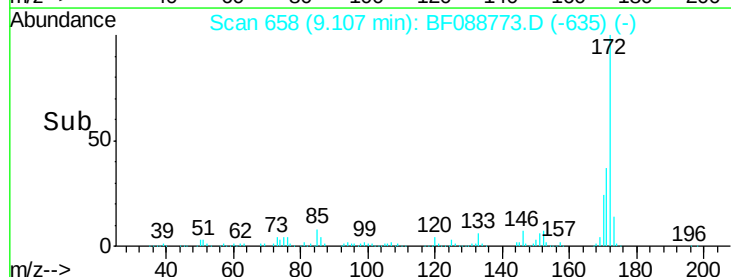
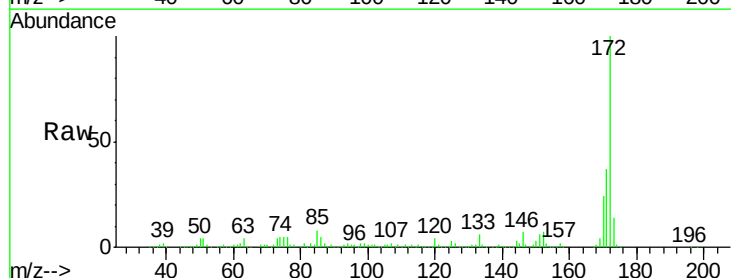
Manual Integrations

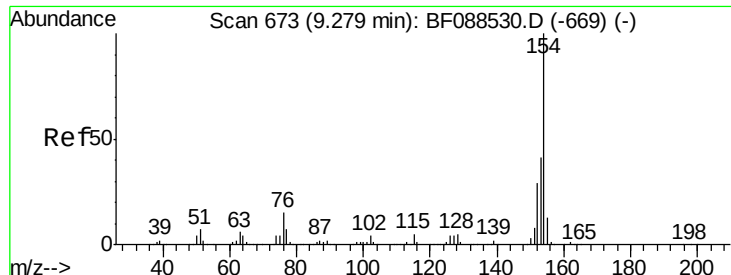
SOHIL
 7/8/2016 7:03:24 AM



#44
 2-Fluorobiphenyl
 Concen: 76.77 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		942616		
171	36.6	28.6	43.0		
170	24.3	19.2	28.8		





#45

1,1'-Biphenyl

Concen: 44.36 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

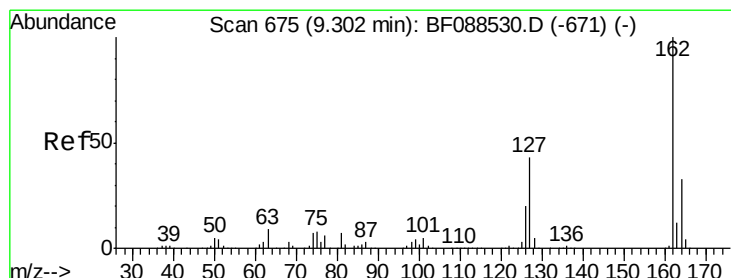
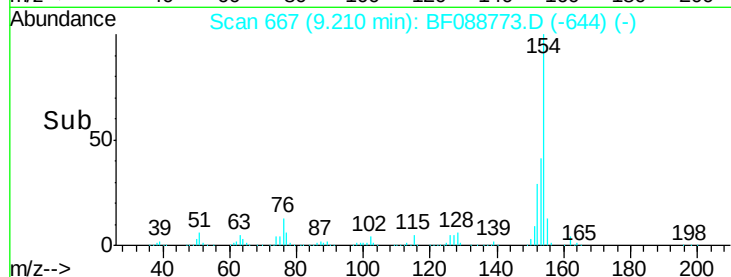
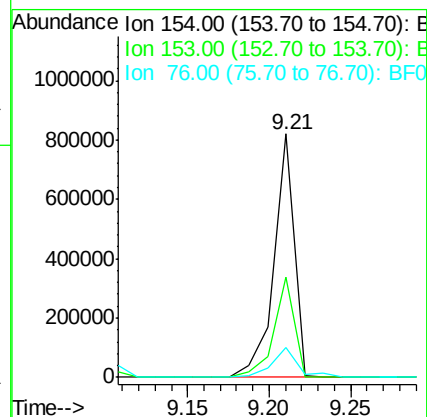
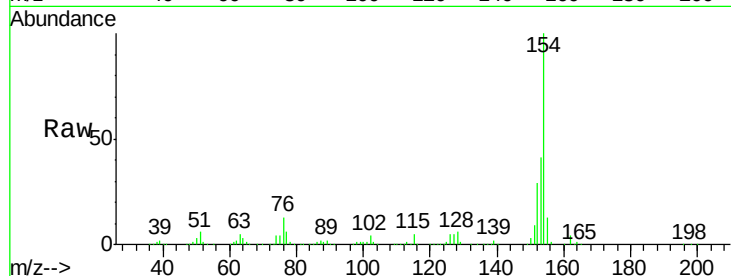
SSTDCCC040

Tgt Ion:	154	Resp:	712357
Ion Ratio	Lower	Upper	
154	100		
153	41.4	20.6	60.6
76	12.5	0.0	35.1

Manual Integrations

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#46

2-Chloronaphthalene

Concen: 43.95 ng

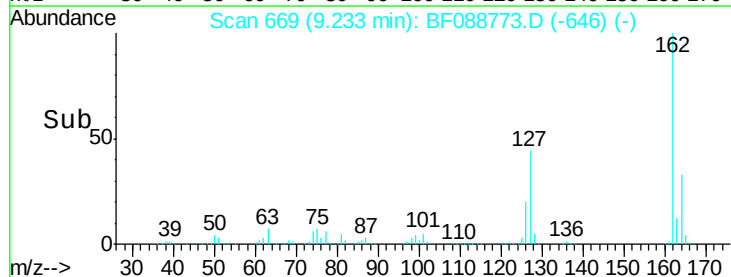
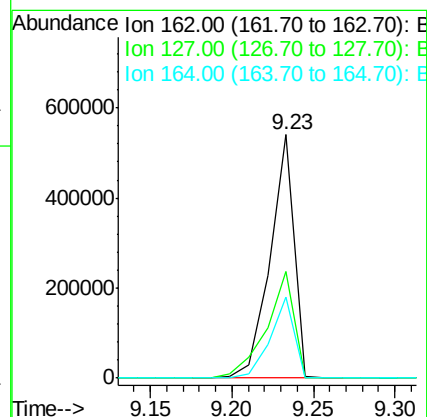
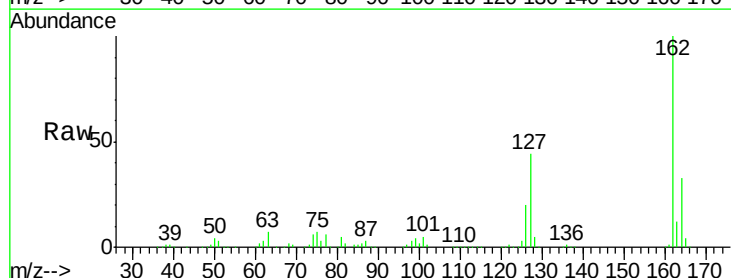
RT: 9.23 min Scan# 669

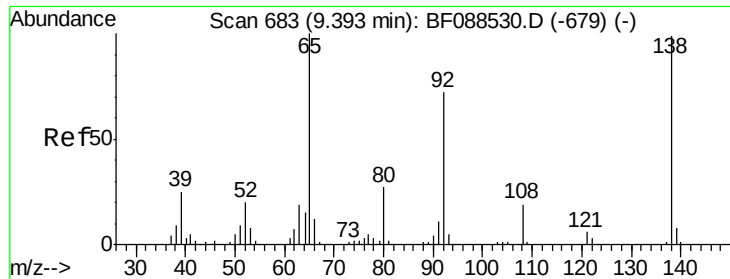
Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Tgt Ion:	162	Resp:	554077
Ion Ratio	Lower	Upper	
162	100		
127	43.6	35.2	52.8
164	33.5	26.6	39.8





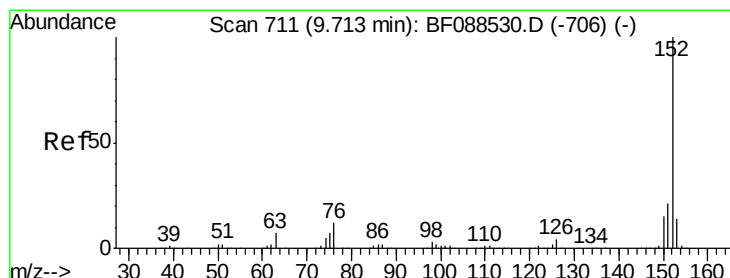
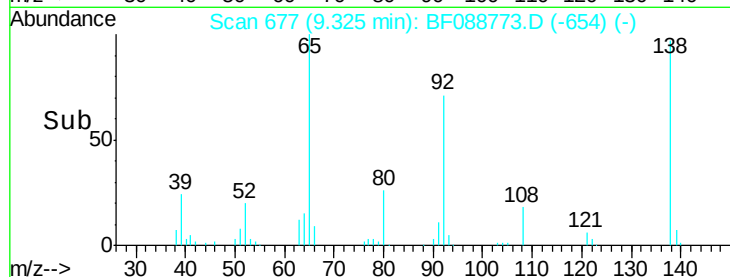
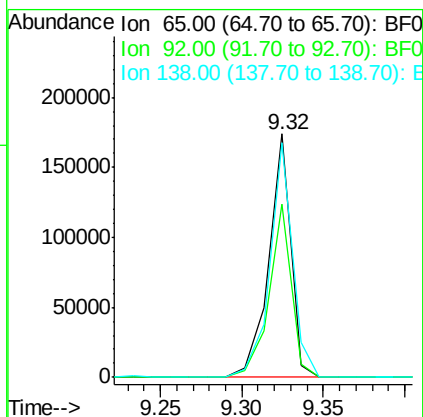
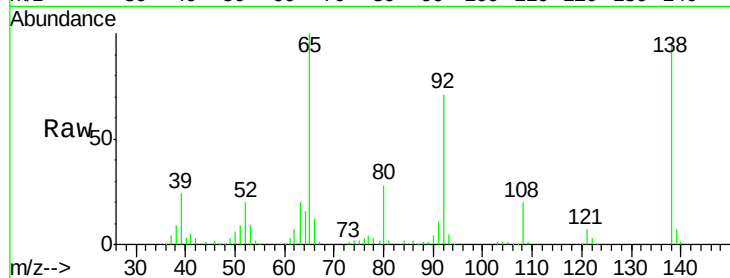
#47
2-Nitroaniline
Concen: 36.66 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 65 Resp: 164046
Ion Ratio Lower Upper
65 100
92 70.9 54.6 82.0
138 96.2 77.0 115.4

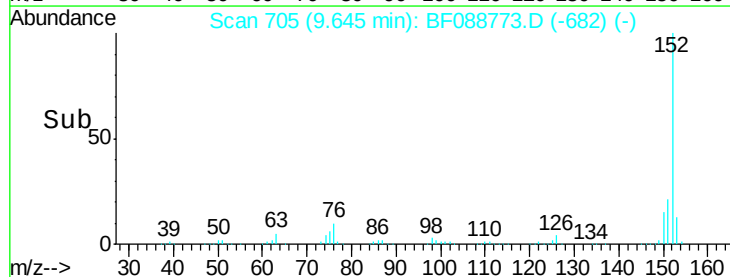
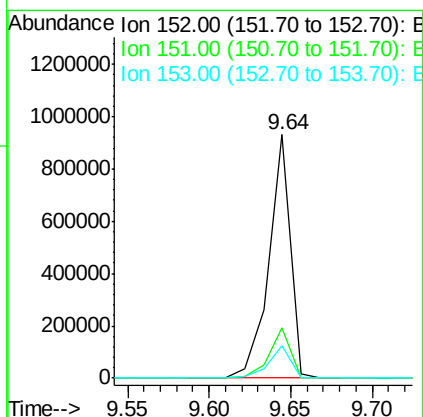
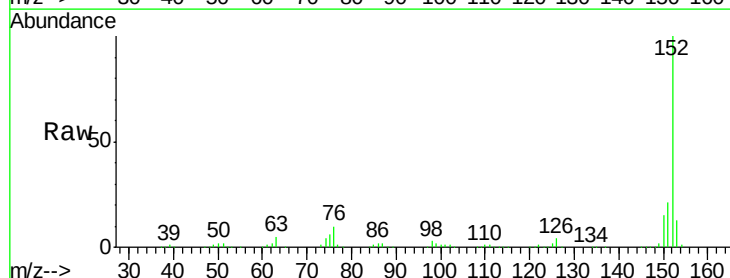
Manual Integrations

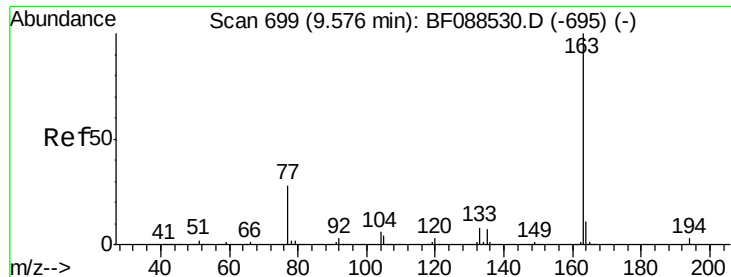
APPROVED
SOHIL
7/8/2016 7:03:24 AM



#48
Acenaphthylene
Concen: 42.68 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion: 152 Resp: 856192
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.4 11.0 16.6





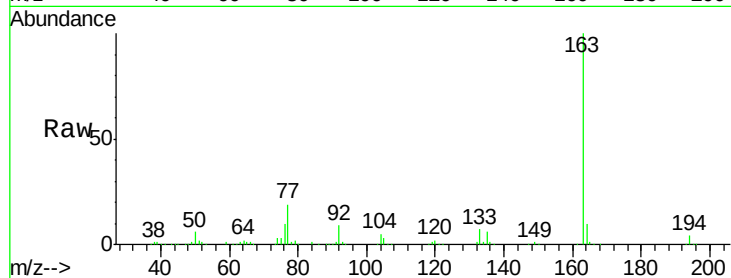
#49
Dimethylphthalate
Concen: 44.23 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

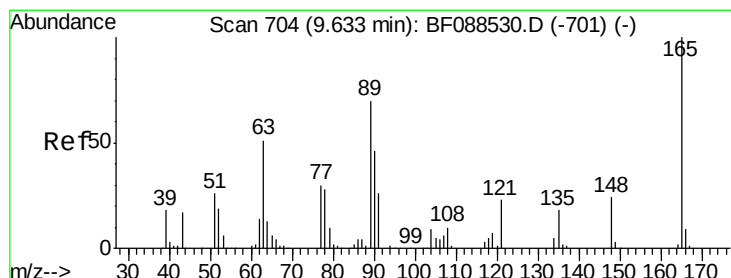
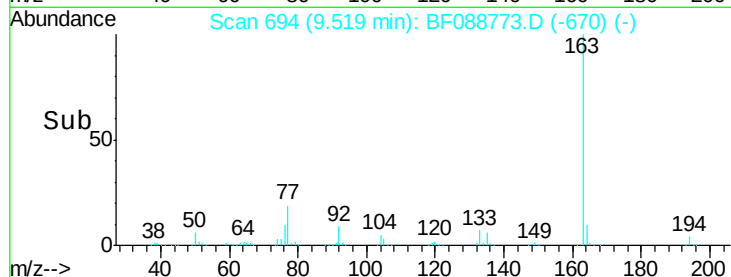
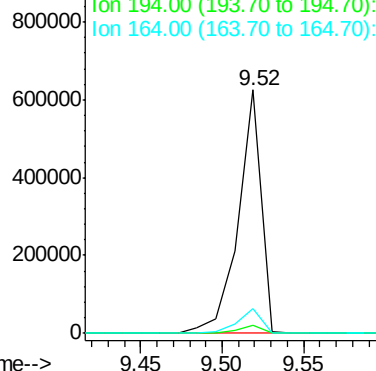
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.9	8.3	12.5

Manual Integrations

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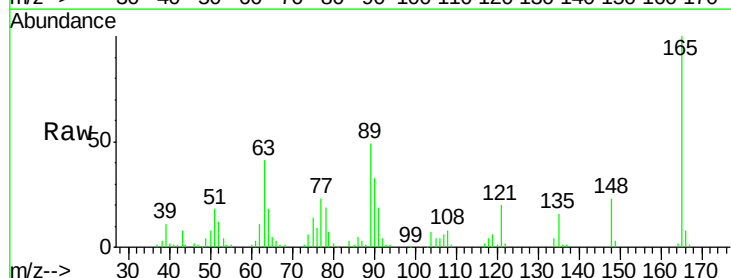


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

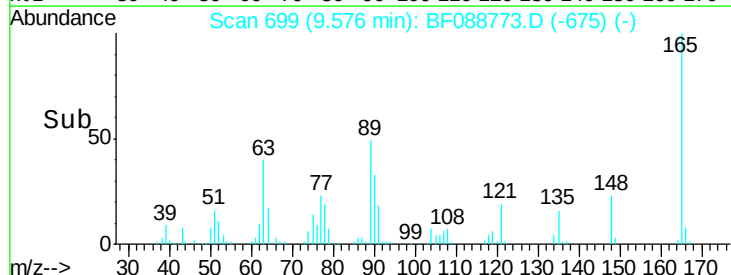
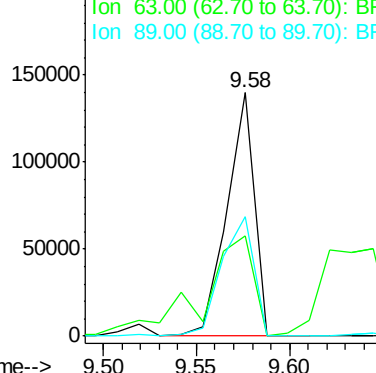


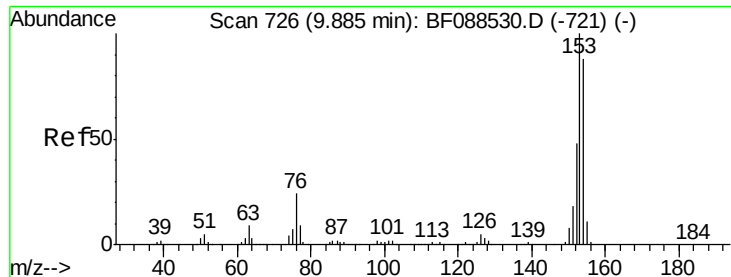
#50
2,6-Dinitrotoluene
Concen: 46.23 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.2	28.1	42.1
89	48.9	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: 41.96 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:154 Resp: 515973

Ion Ratio Lower Upper

154 100

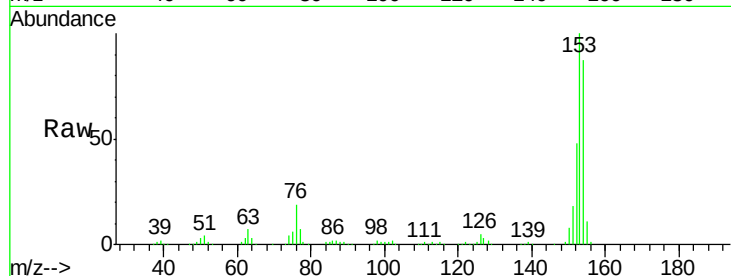
153 114.5 89.5 134.3

152 55.1 42.7 64.1

Manual Integrations

SOHIL

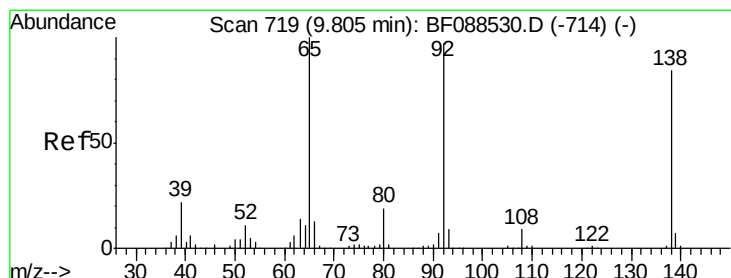
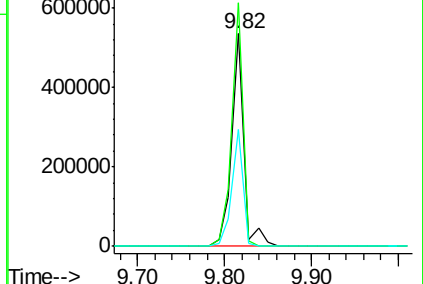
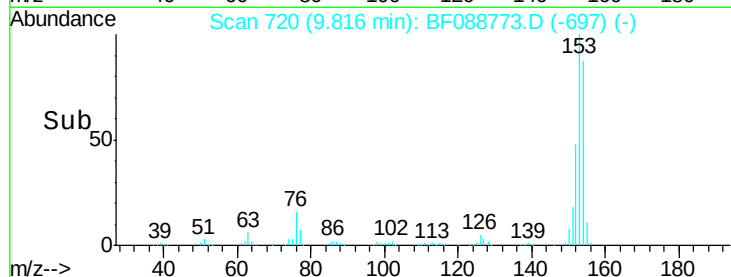
7/8/2016 7:03:24 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.29 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

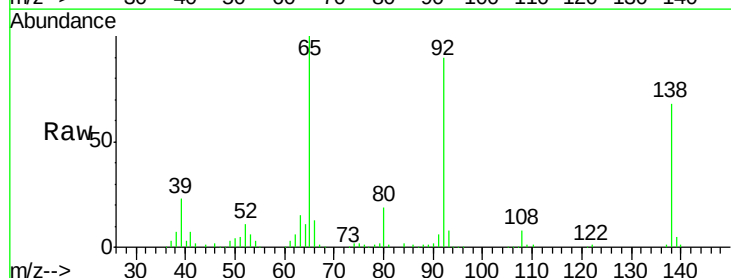
Tgt Ion:138 Resp: 133503

Ion Ratio Lower Upper

138 100

108 11.8 8.5 12.7

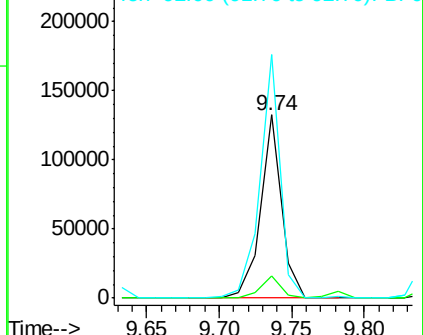
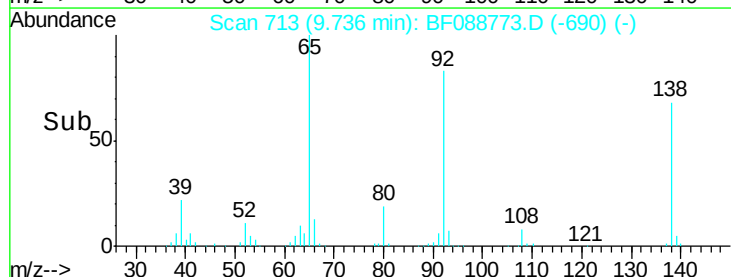
92 132.7 95.7 143.5

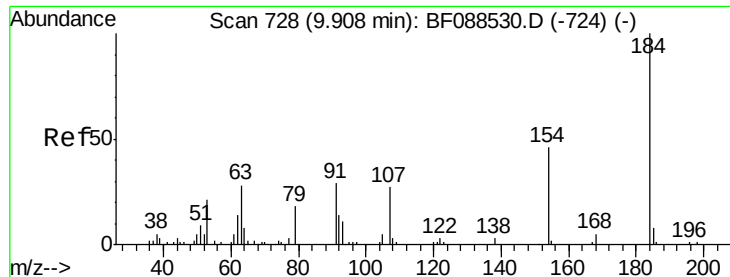


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





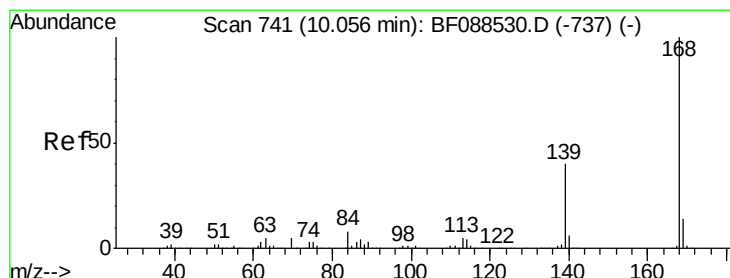
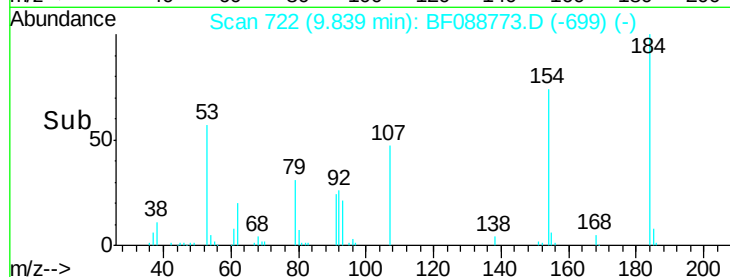
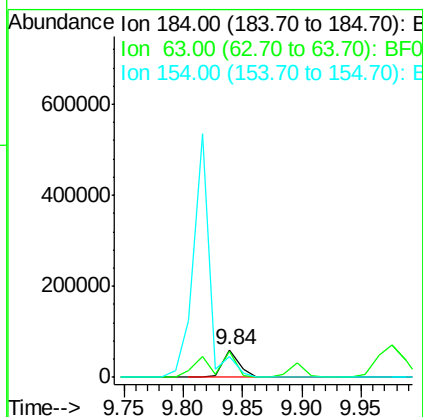
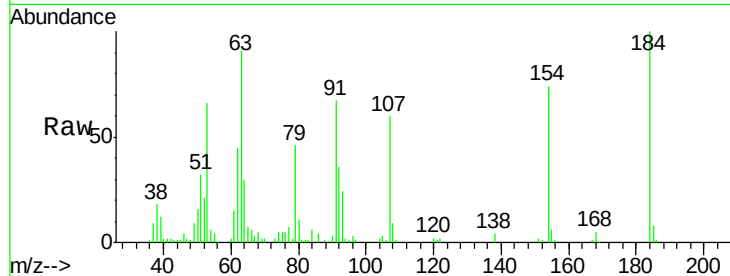
#53
2,4-Dinitrophenol
Concen: 43.95 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 59422
Ion Ratio Lower Upper
184 100
63 91.5 57.6 86.4#
154 74.2 53.5 80.3

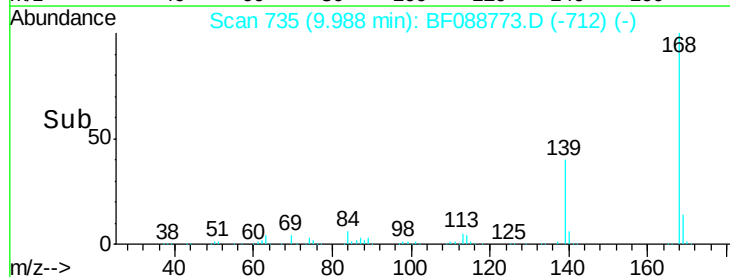
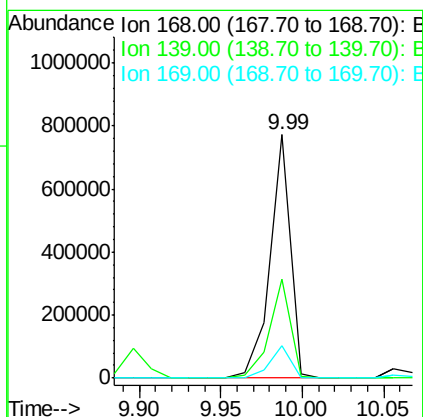
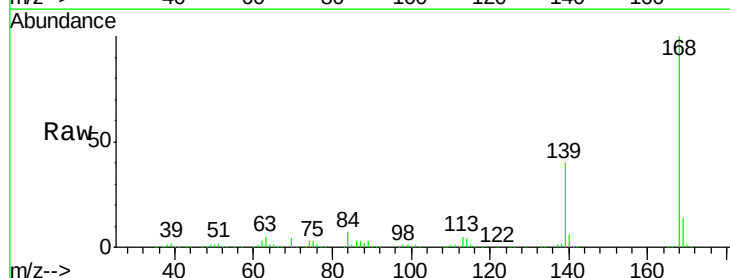
Manual Integrations

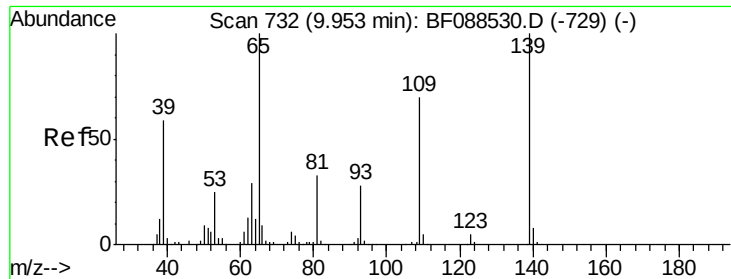
SOHIL
7/8/2016 7:03:24 AM



#54
Dibenzofuran
Concen: 41.79 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion:168 Resp: 672588
Ion Ratio Lower Upper
168 100
139 40.4 26.4 39.6#
169 13.5 10.4 15.6





#55

4-Nitrophenol

Concen: 33.59 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.03 min

Lab File: BF088773.D

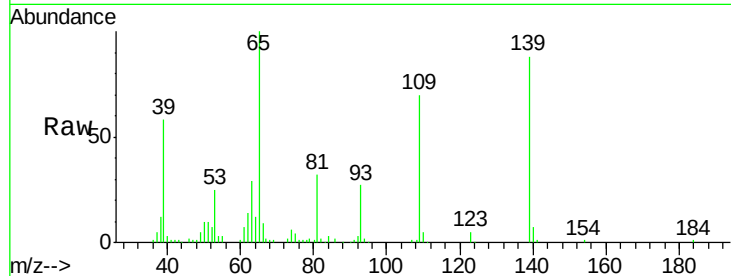
Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:139 Resp: 99363

Ion Ratio Lower Upper

139 100

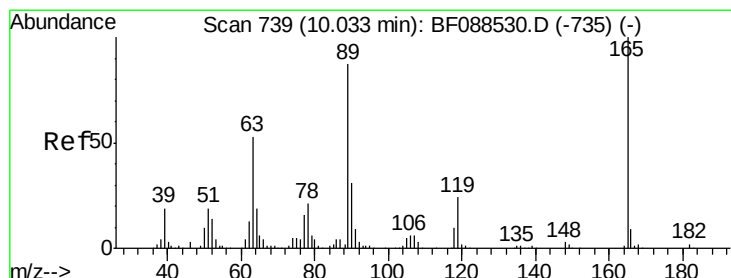
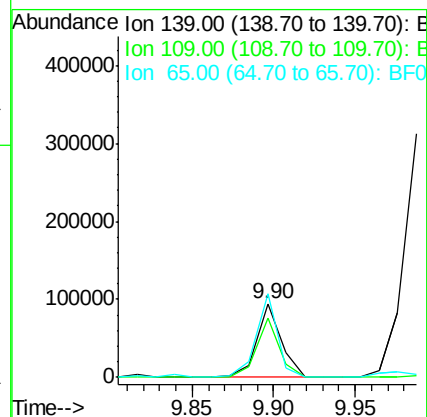
109 79.7 48.9 88.9

65 114.2 84.9 124.9

Manual Integrations

SOHIL

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#56

2,4-Dinitrotoluene

Concen: 46.41 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Tgt Ion:165 Resp: 185805

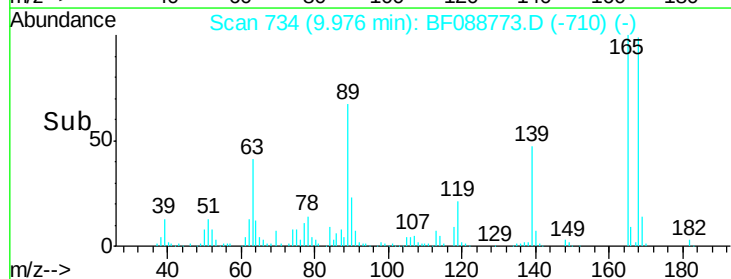
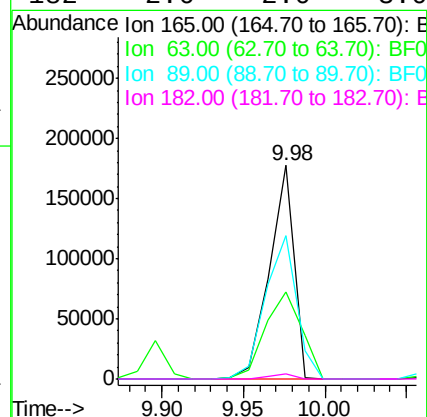
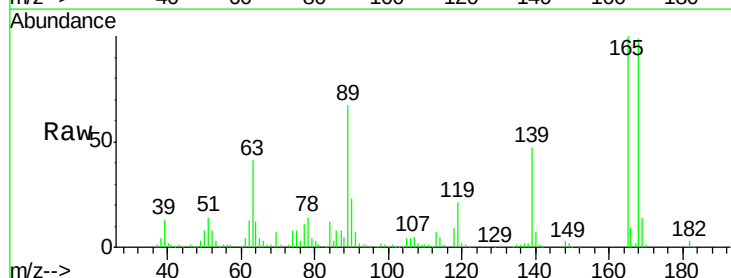
Ion Ratio Lower Upper

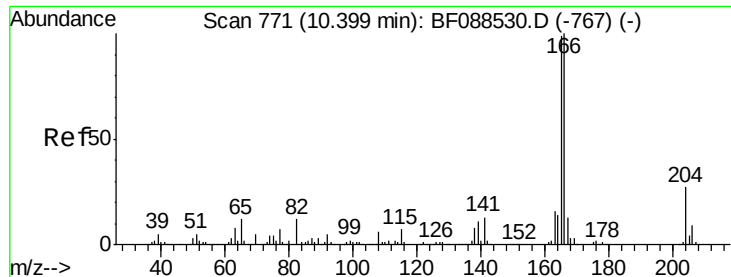
165 100

63 40.8 22.0 33.0#

89 67.4 41.1 61.7#

182 2.6 2.0 3.0





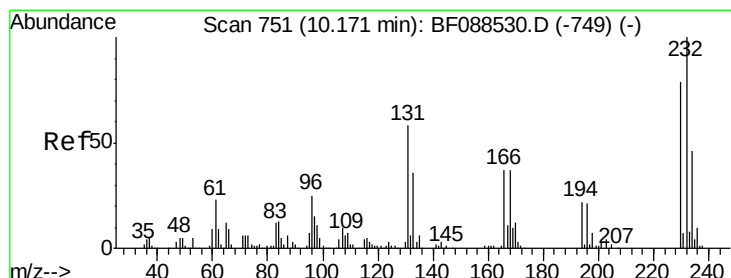
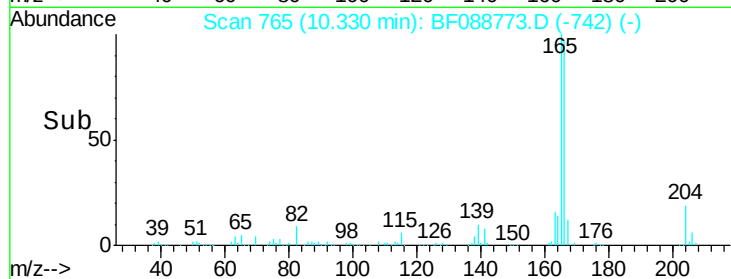
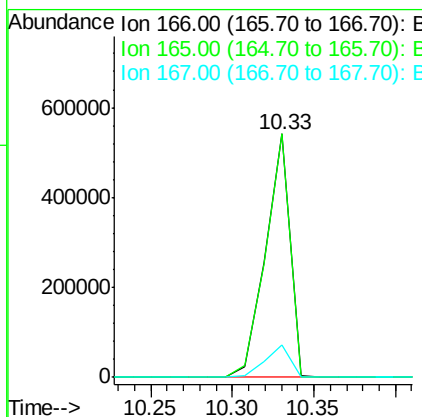
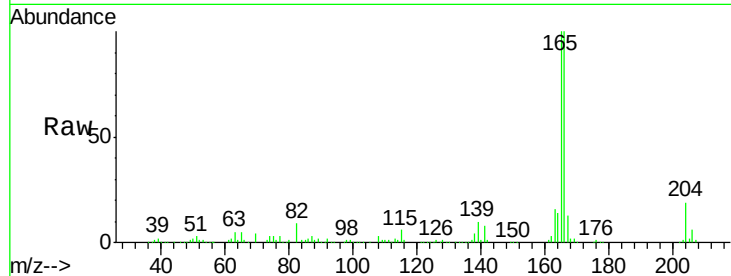
#57
 Fluorene
 Concen: 45.59 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	565506		
165	99.8	77.8	116.8	
167	13.2	11.2	16.8	

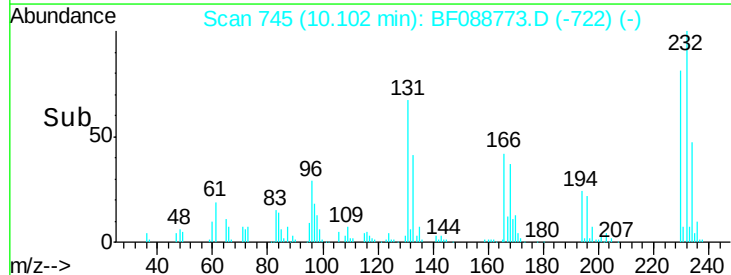
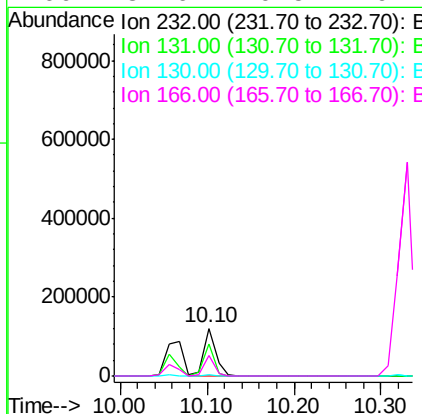
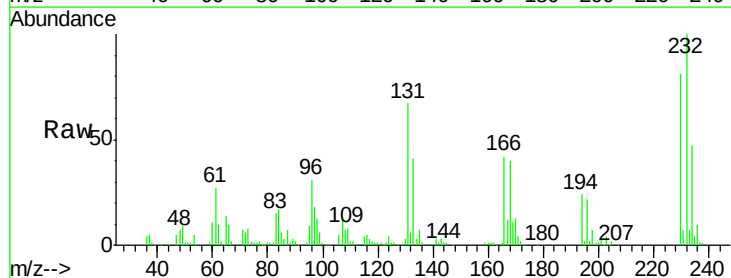
Manual Integrations

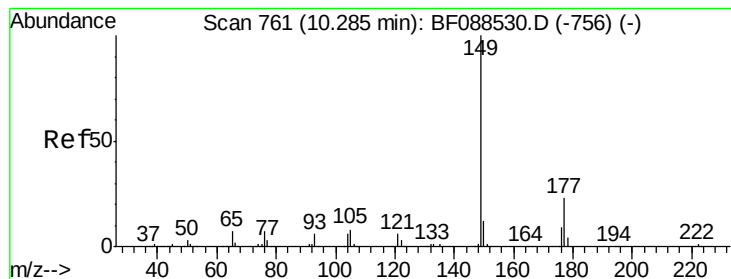
SOHIL
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.50 ng
 RT: 10.10 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	114670		
131	59.2	0.9	1.3#	
130	3.0	1.5	2.3#	
166	37.6	0.5	0.7#	





#59

Diethylphthalate

Concen: 42.63 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

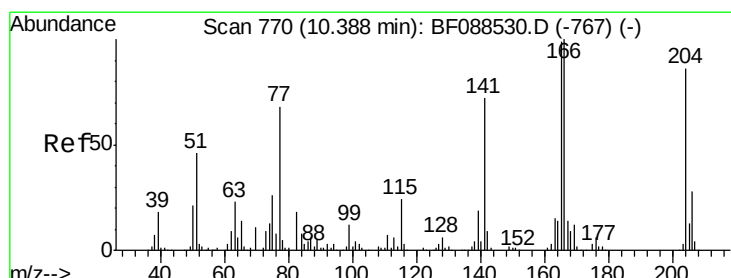
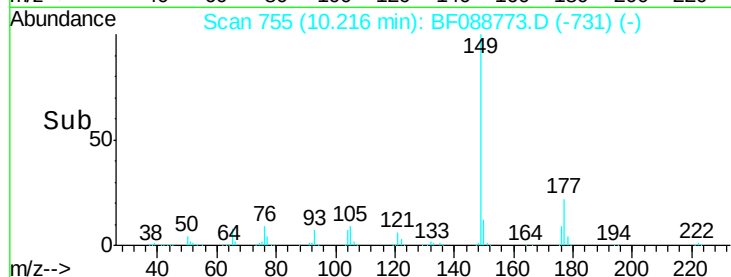
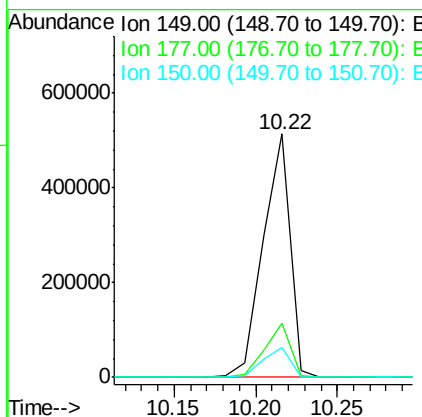
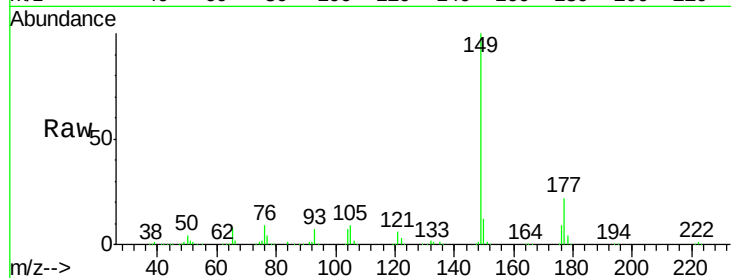
SSTDCCC040

Tgt Ion:	149	Resp:	591149
Ion Ratio	Lower	Upper	
149	100		
177	22.0	16.9	25.3
150	12.5	10.1	15.1

Manual Integrations

SOHIL

7/8/2016 7:03:24 AM



#60

4-Chlorophenyl-phenylether

Concen: 37.55 ng

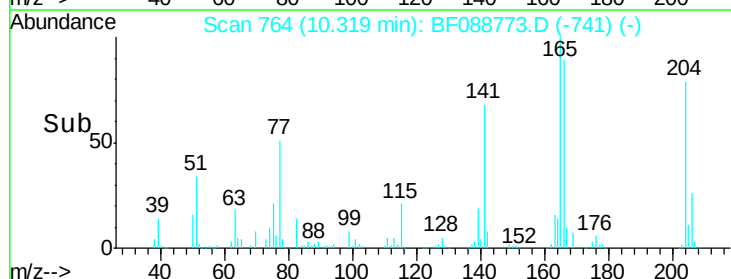
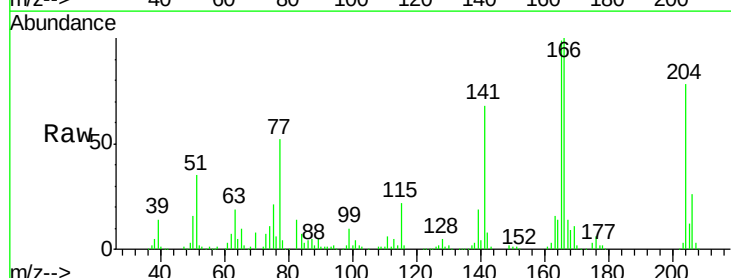
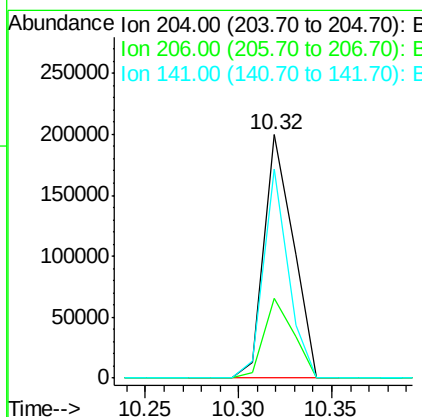
RT: 10.32 min Scan# 764

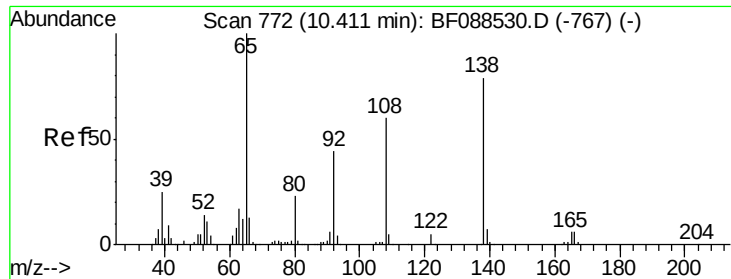
Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Tgt Ion:	204	Resp:	216376
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.3	39.5
141	86.0	55.0	82.6#





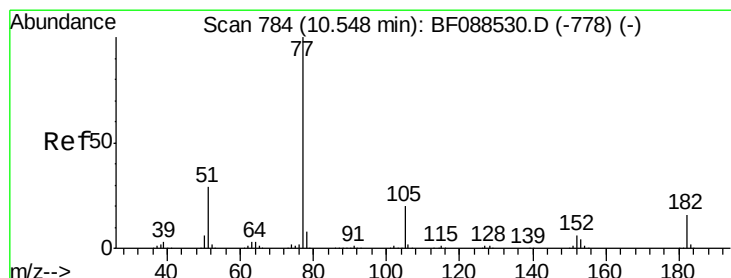
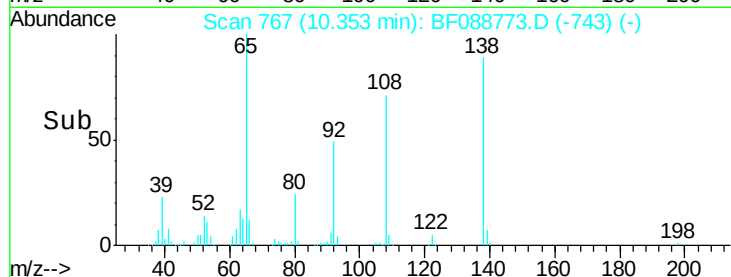
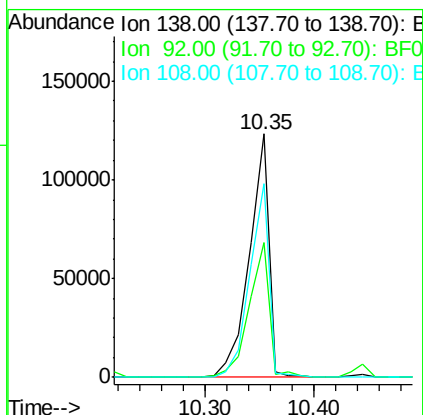
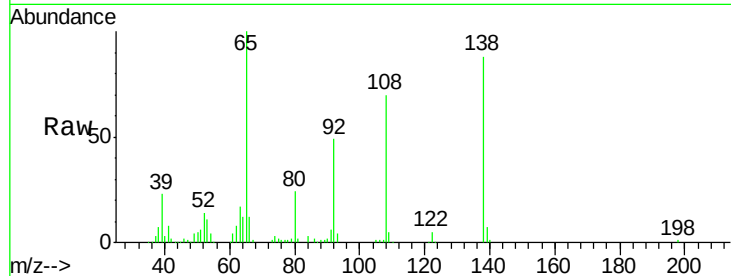
#61
4-Nitroaniline
Concen: 41.66 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.2	27.3	67.3
108	79.7	46.7	86.7

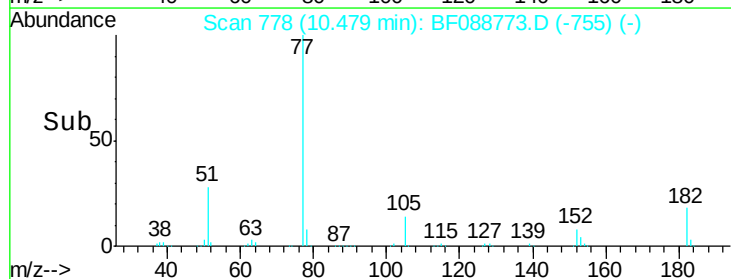
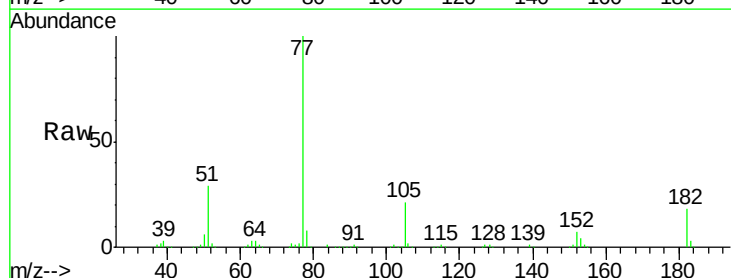
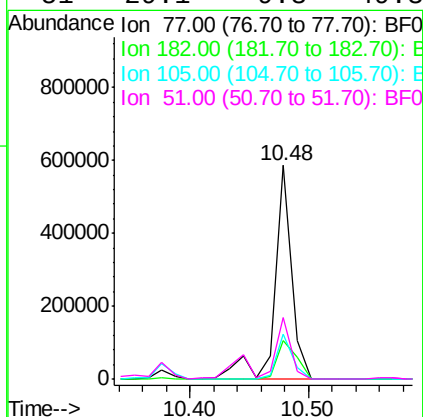
Manual Integrations

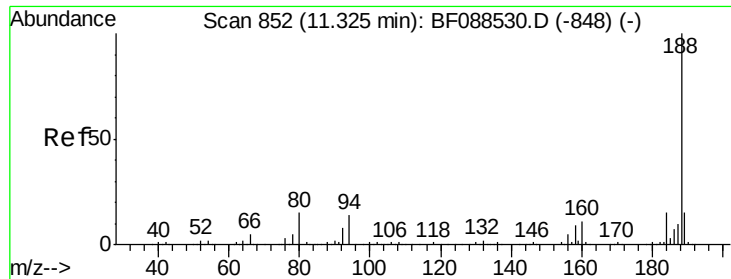
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#62
Azobenzene
Concen: 37.15 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.8	4.4	44.4
105	21.0	3.8	43.8
51	29.1	9.3	49.3





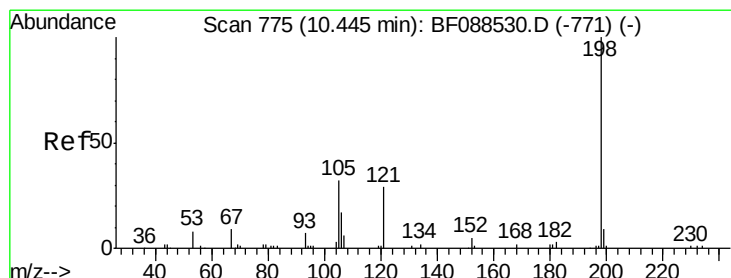
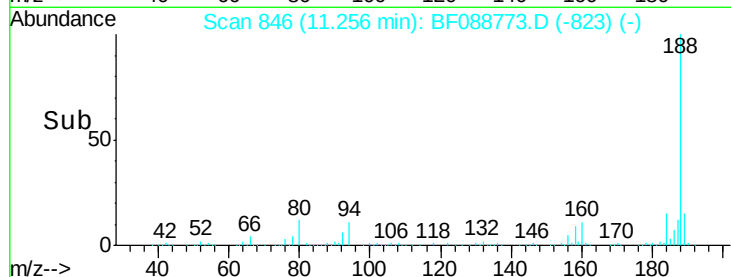
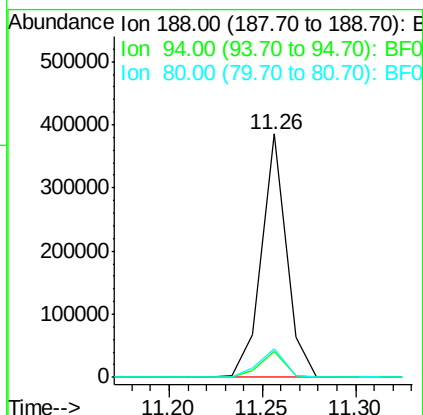
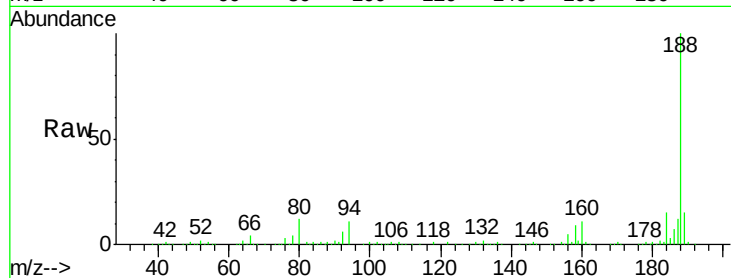
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	356864		
94	10.6	9.0	13.6	
80	11.9	10.0	15.0	

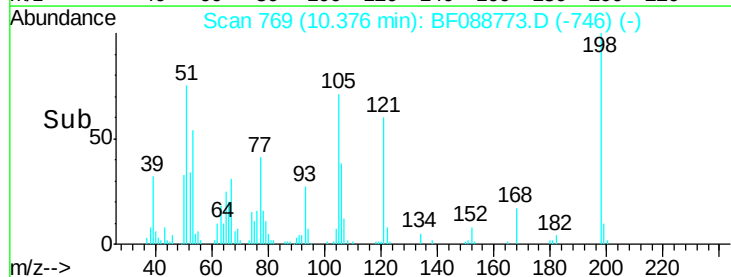
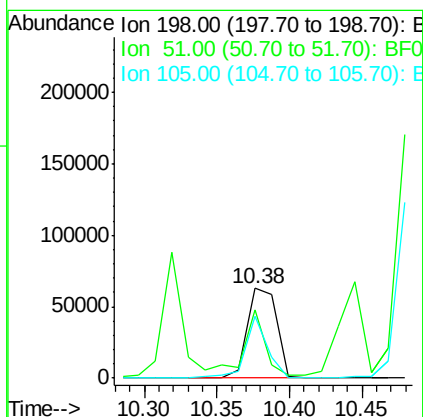
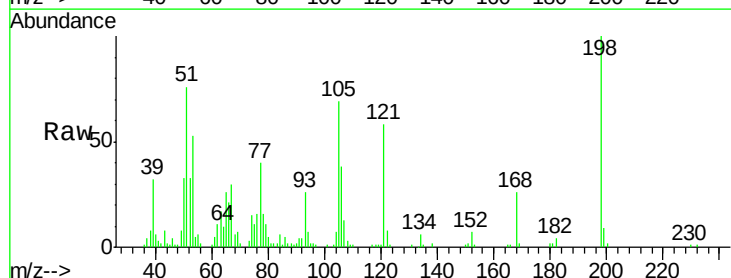
Manual Integrations

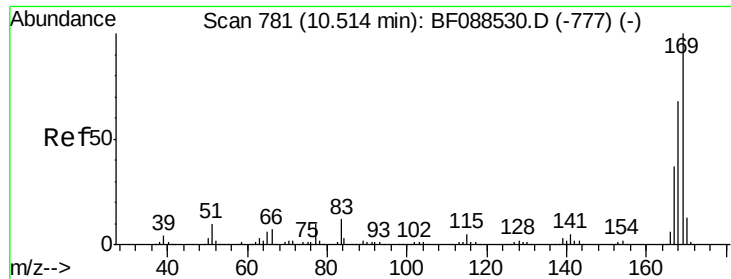
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7/8/2016 7:03:24 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 46.22 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	88224		
51	75.6	39.6	79.6	
105	69.2	36.6	76.6	





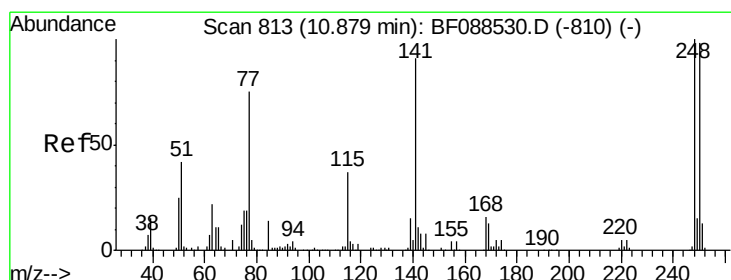
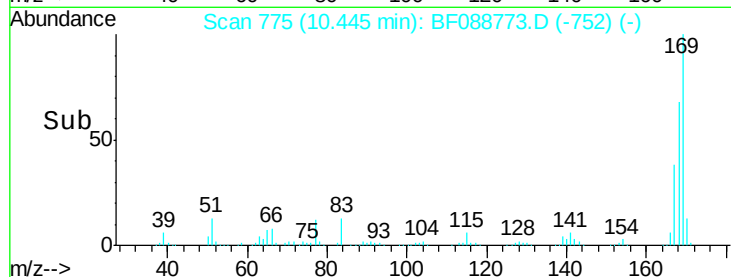
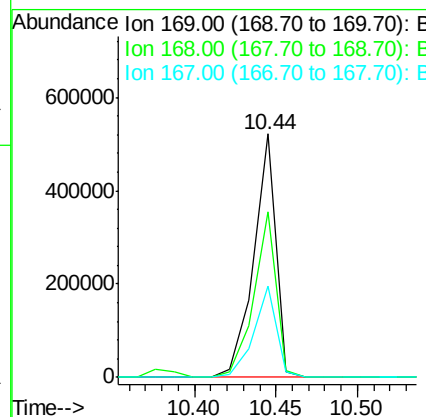
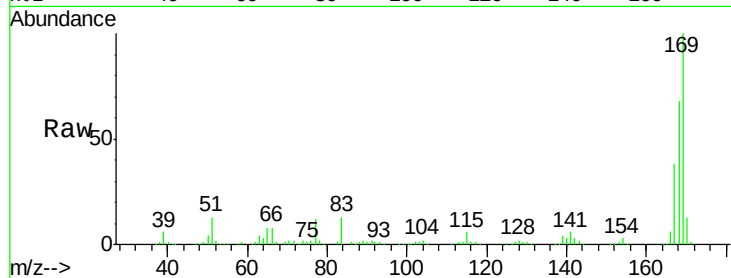
#65
n-Nitrosodiphenylamine
Concen: 40.88 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	493759		
168	68.1	53.4	80.0	
167	37.5	29.4	44.0	

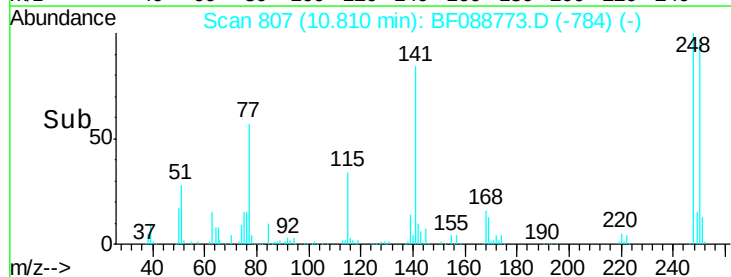
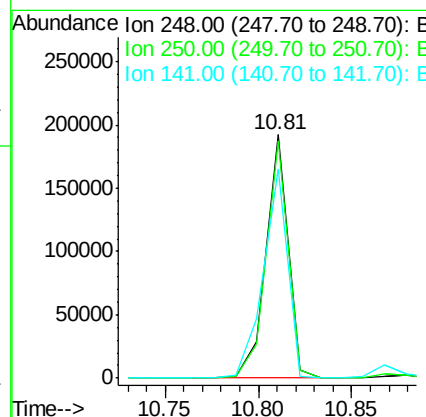
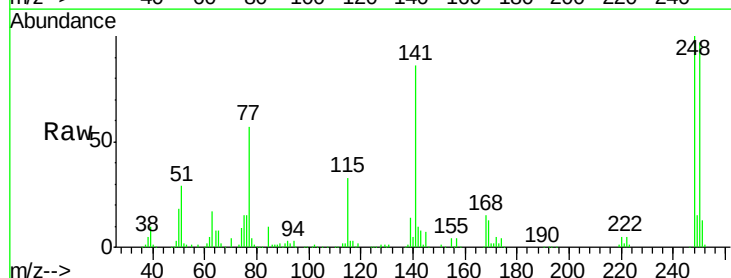
Manual Integrations

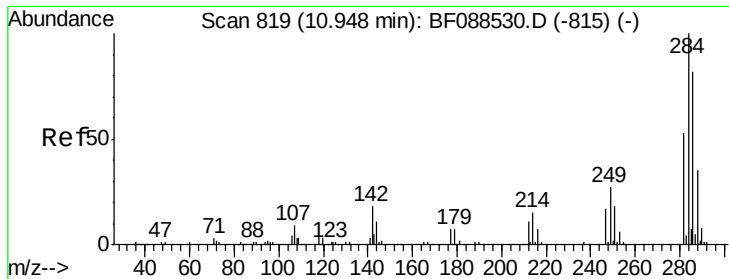
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#66
4-Bromophenyl-phenylether
Concen: 43.57 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	156677		
250	97.2	77.1	115.7	
141	86.1	50.6	76.0	





#67

Hexachlorobenzene

Concen: 42.77 ng

RT: 10.88 min Scan# 813

Delta R.T. -0.02 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

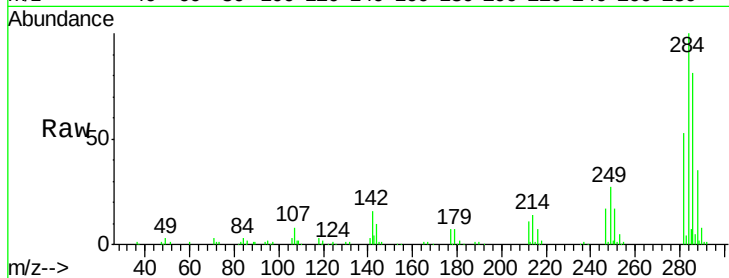
SSTDCCC040

Tgt Ion:	284	Resp:	170283
Ion Ratio	Lower	Upper	
284	100		
142	15.6	35.8	53.8#
249	26.6	25.8	38.6

Manual Integrations

SOHIL

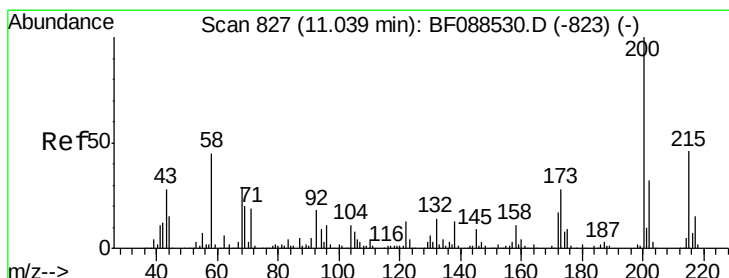
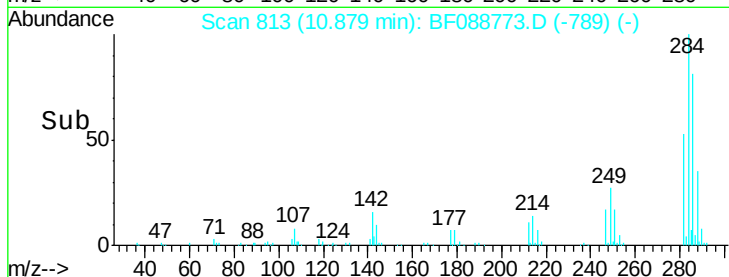
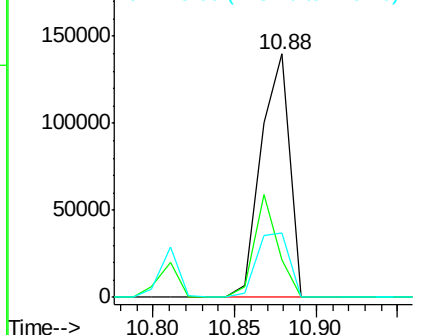
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 35.37 ng

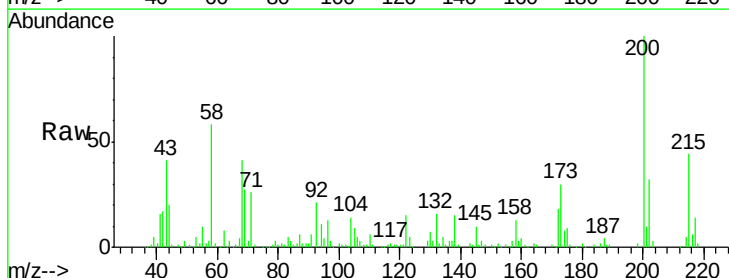
RT: 10.97 min Scan# 821

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

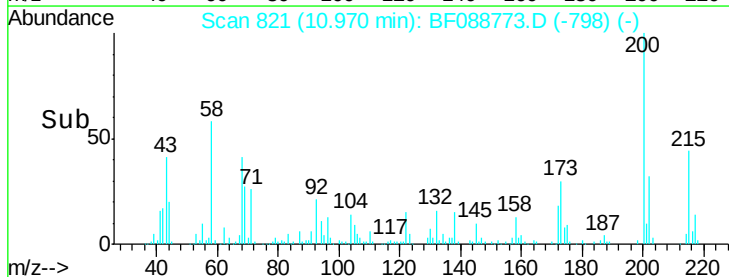
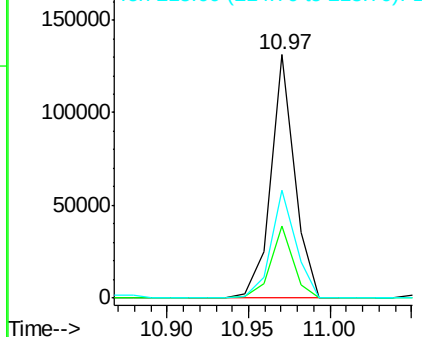
Tgt Ion:	200	Resp:	133131
Ion Ratio	Lower	Upper	
200	100		
173	29.6	4.0	44.0
215	44.2	29.3	69.3

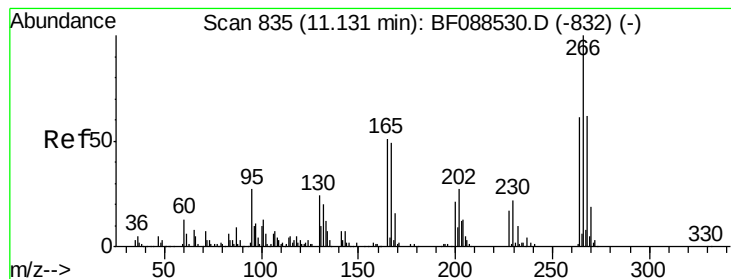


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 38.29 ng

RT: 11.06 min Scan# 829

Delta R.T. -0.03 min

Lab File: BF088773.D

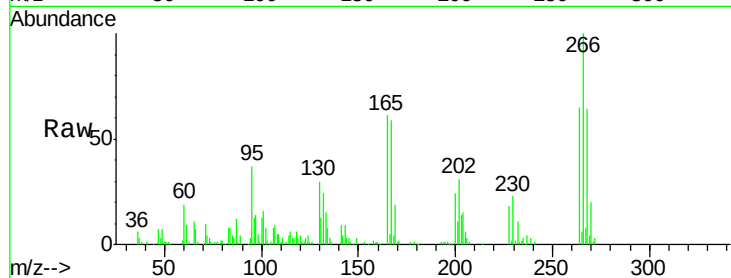
Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:266 Resp: 90222

Ion Ratio Lower Upper

266 100

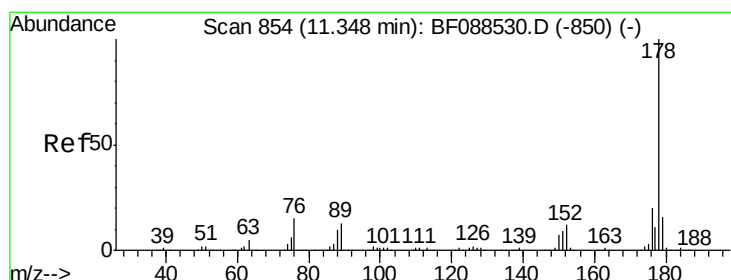
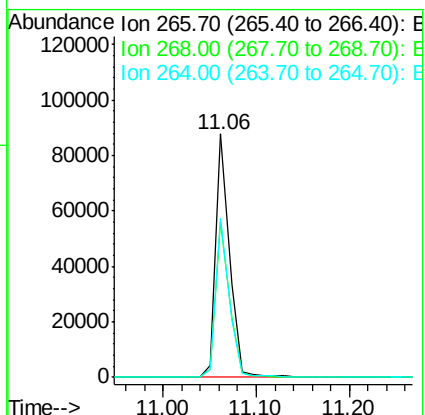
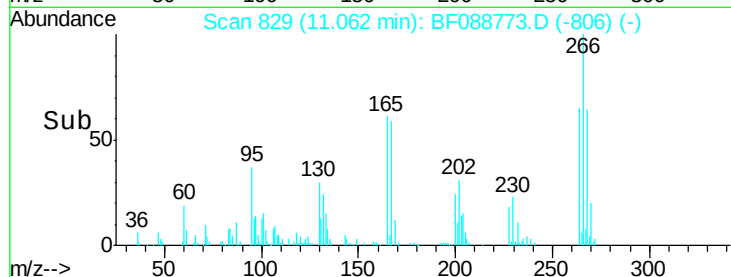
268 63.6 52.8 79.2

264 65.2 49.6 74.4

Manual Integrations

SOHIL

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#70

Phenanthrene

Concen: 35.62 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

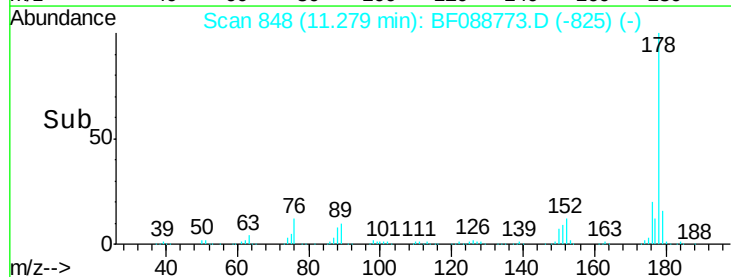
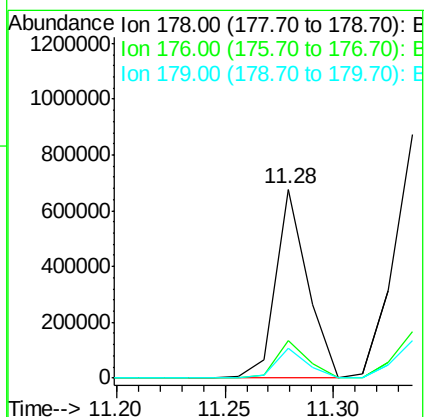
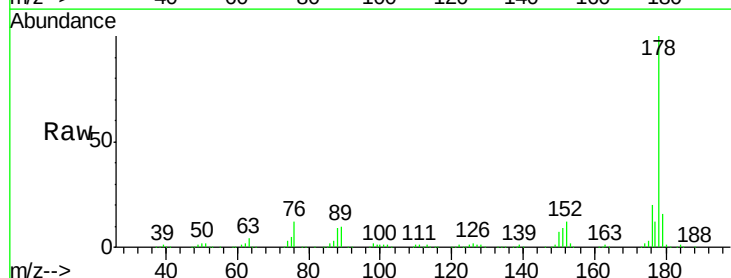
Tgt Ion:178 Resp: 694910

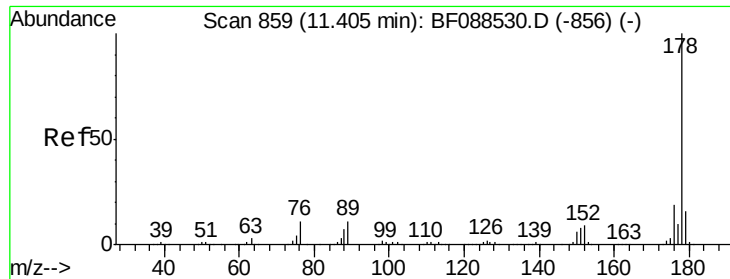
Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

179 16.0 13.0 19.4





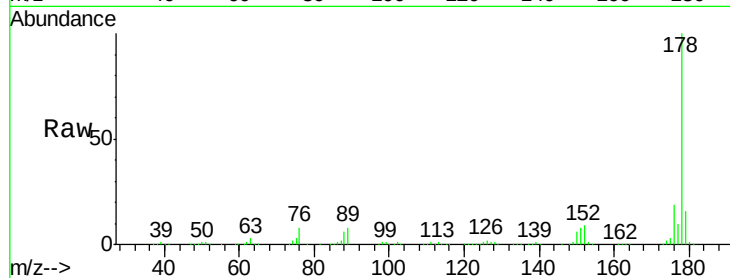
#71
 Anthracene
 Concen: 43.02 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

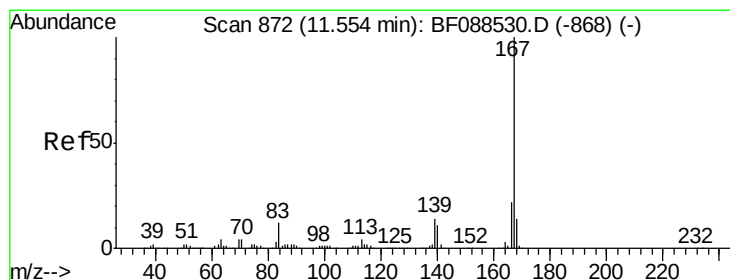
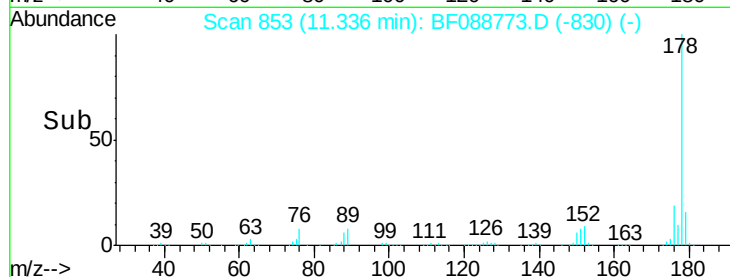
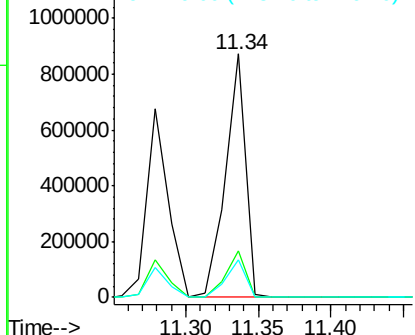
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	15.5	12.8	19.2

Manual Integrations

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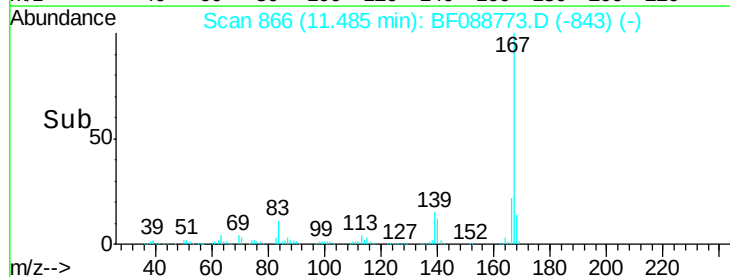
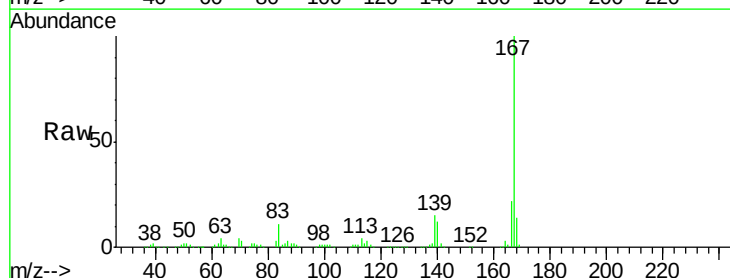
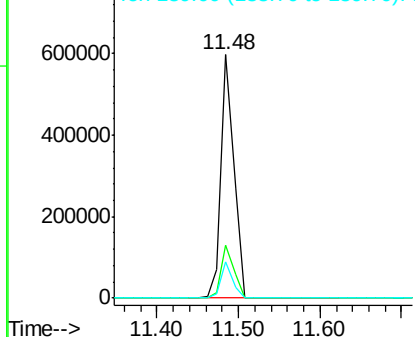
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

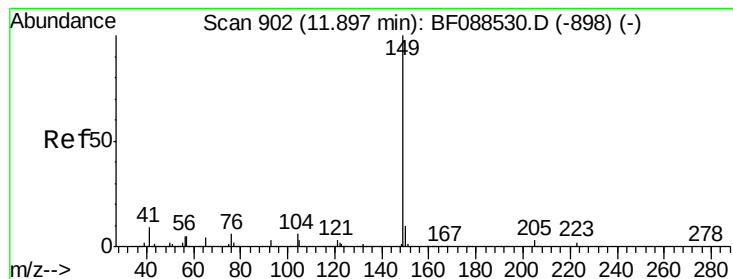


#72
 Carbazole
 Concen: 35.52 ng
 RT: 11.48 min Scan# 866
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.8	26.6
139	15.0	11.2	16.8

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





#73

Di-n-butylphthalate

Concen: 38.33 ng

RT: 11.83 min Scan# 896

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

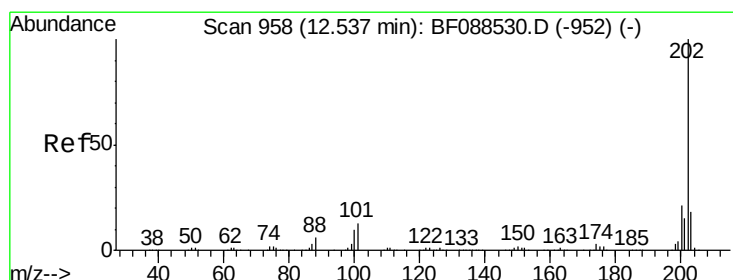
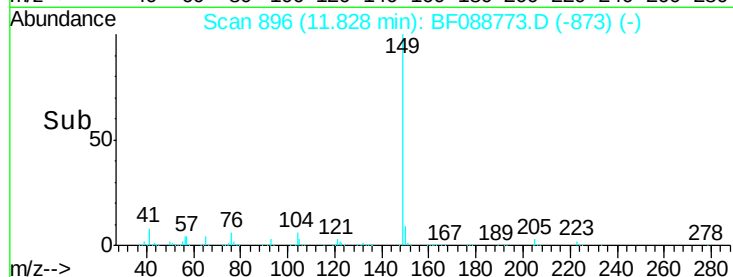
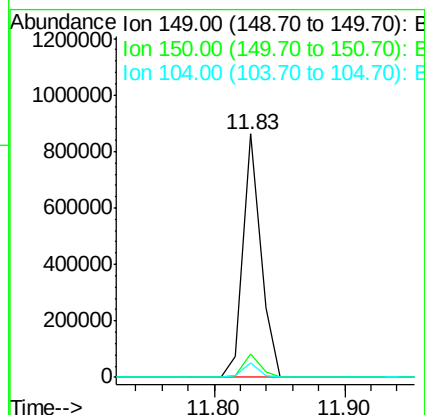
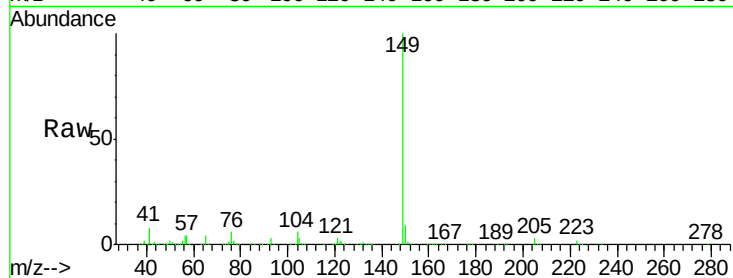
SSTDCCC040

Tgt Ion:	149	Resp:	813910
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	6.0	4.0	6.0#

Manual Integrations

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#74

Fluoranthene

Concen: 43.65 ng

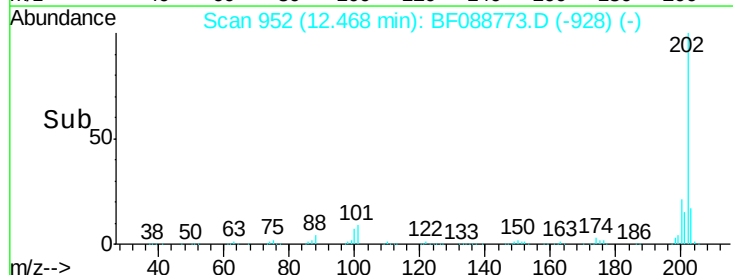
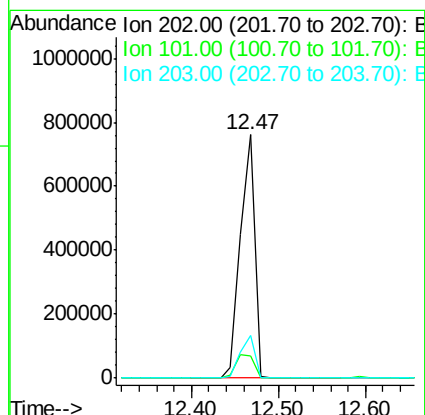
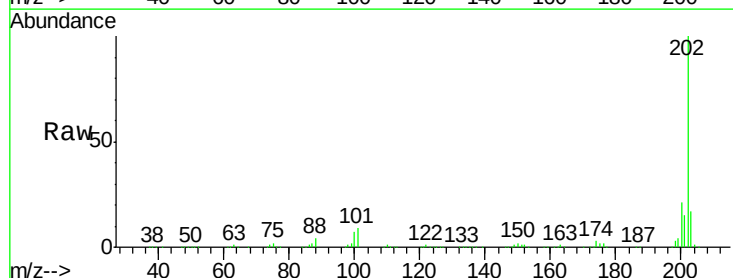
RT: 12.47 min Scan# 952

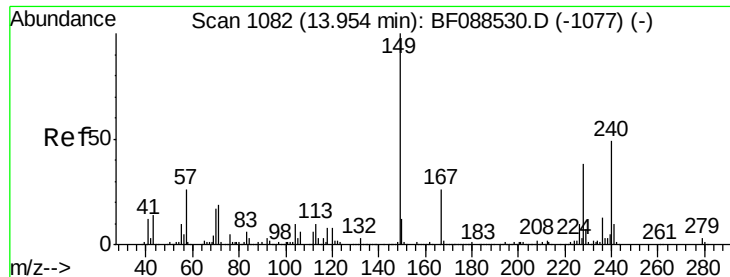
Delta R.T. -0.02 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Tgt Ion:	202	Resp:	863244
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	33.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:240 Resp: 258428

Ion Ratio Lower Upper

240 100

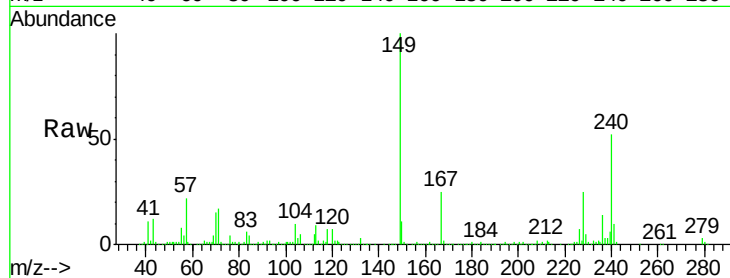
120 13.4 6.8 10.2#

236 26.4 20.2 30.2

Manual Integrations

SOHIL

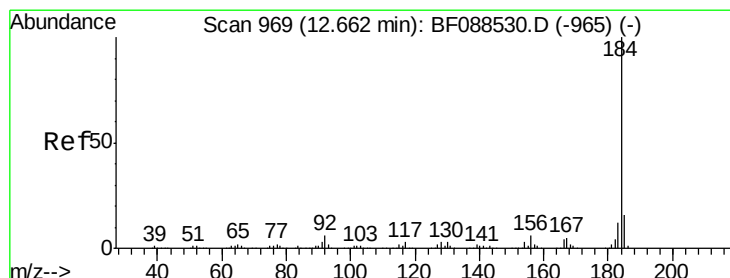
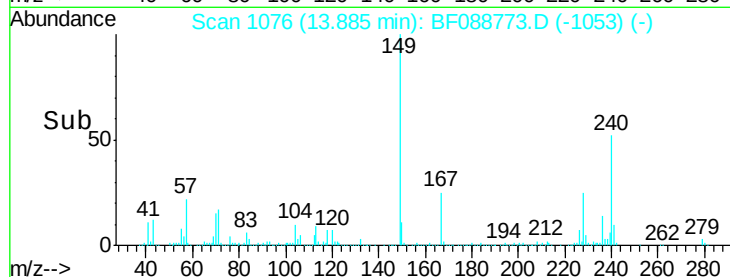
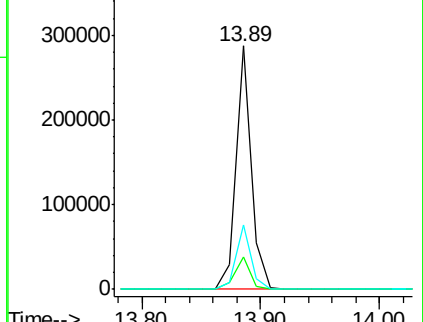
7/8/2016 7:03:24 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.67 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.02 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

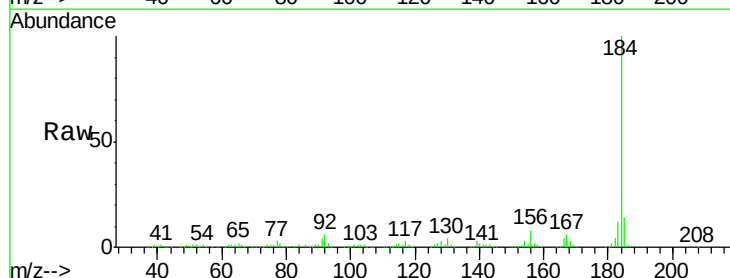
Tgt Ion:184 Resp: 583559

Ion Ratio Lower Upper

184 100

185 14.3 12.5 18.7

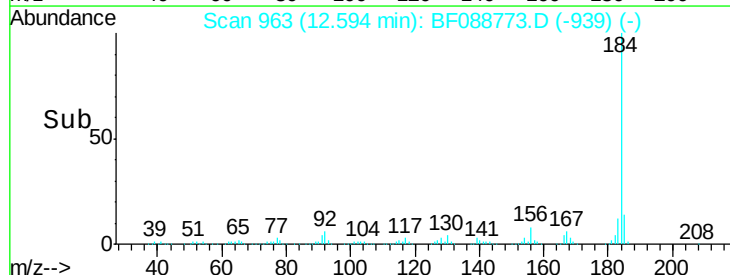
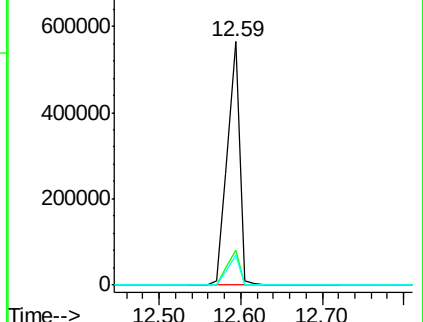
183 12.1 9.3 13.9

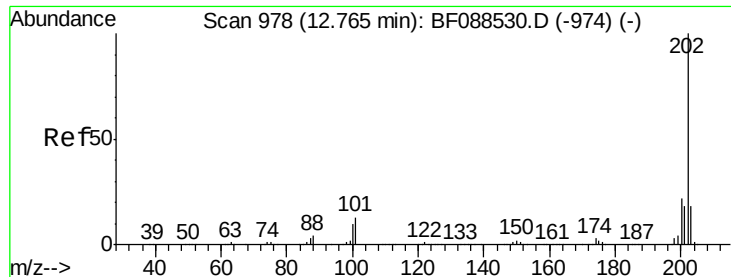


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 38.24 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

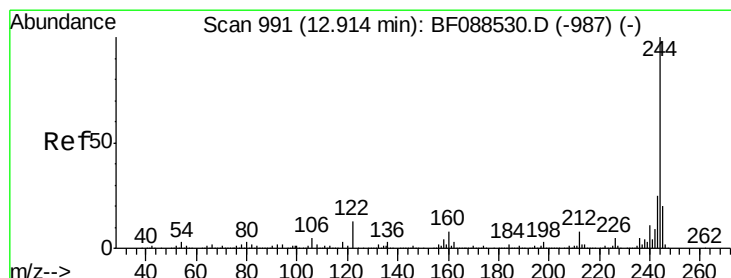
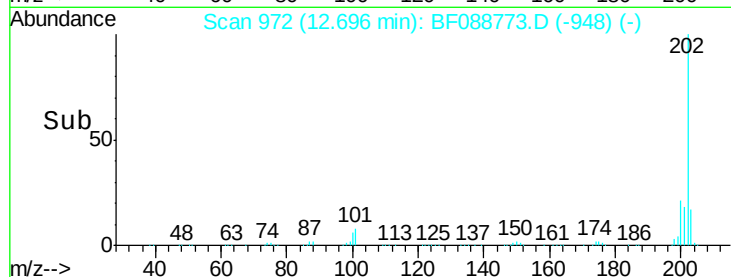
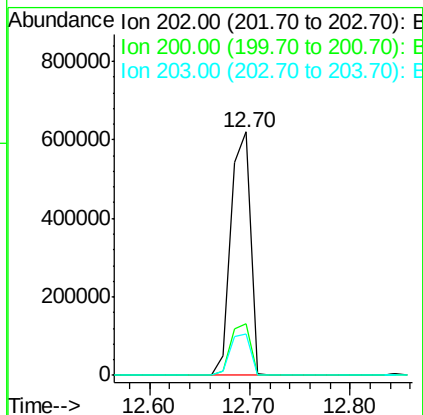
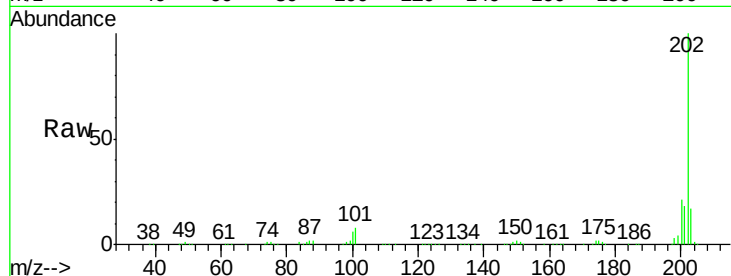
SSTDCCC040

Tgt Ion:	202	Resp:	837897
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	17.1	14.5	21.7

Manual Integrations

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#78

Terphenyl-d14

Concen: 82.25 ng

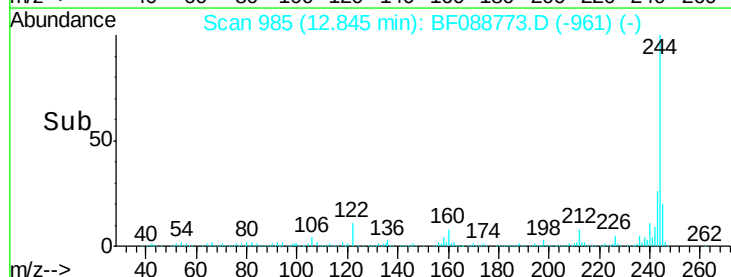
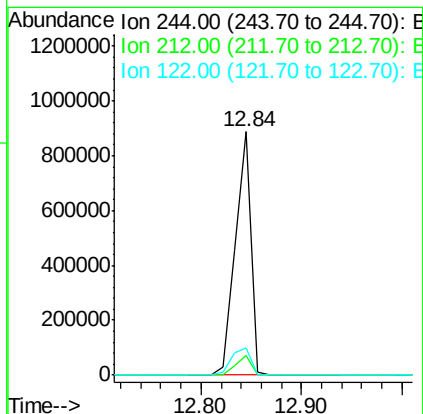
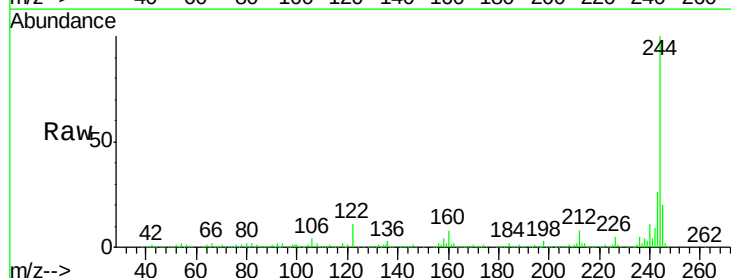
RT: 12.84 min Scan# 985

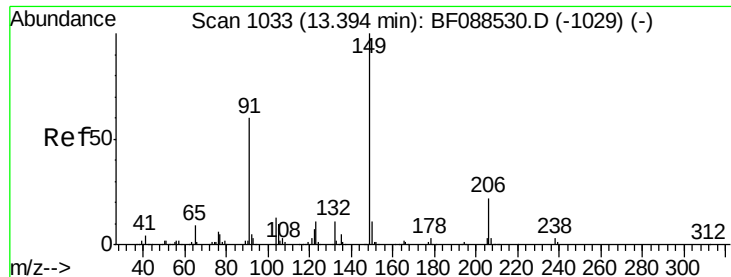
Delta R.T. -0.02 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Tgt Ion:	244	Resp:	954364
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.0	9.0
122	11.4	11.2	16.8





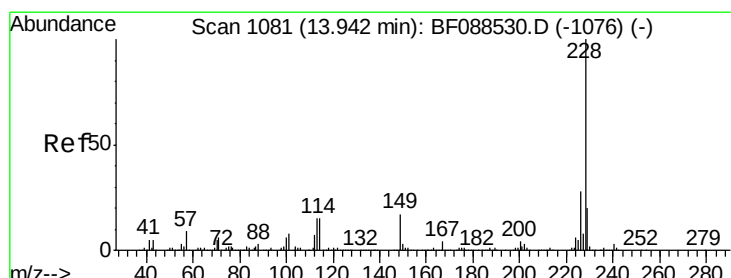
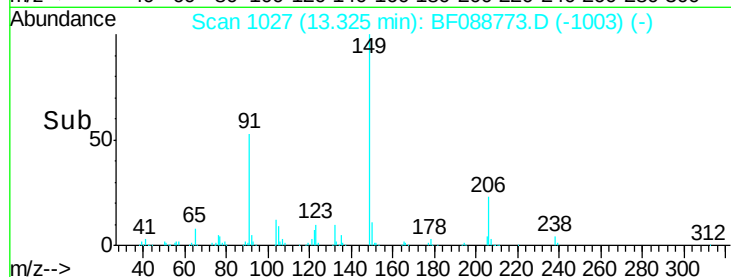
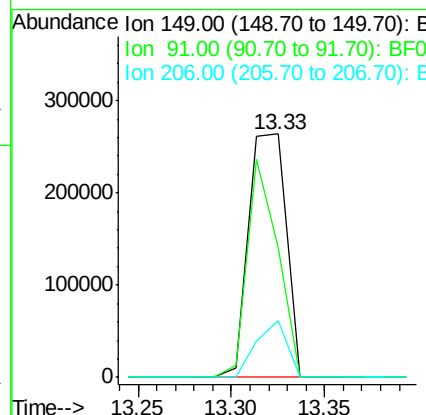
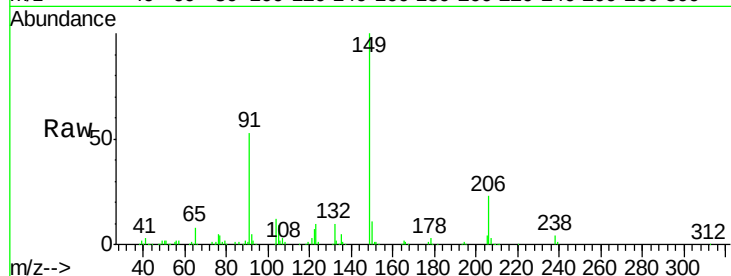
#79
Butylbenzylphthalate
Concen: 37.60 ng
RT: 13.33 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	367517		
91	53.3	48.0	72.0	
206	23.4	16.0	24.0	

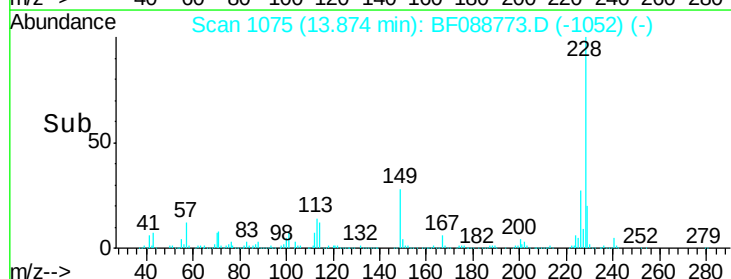
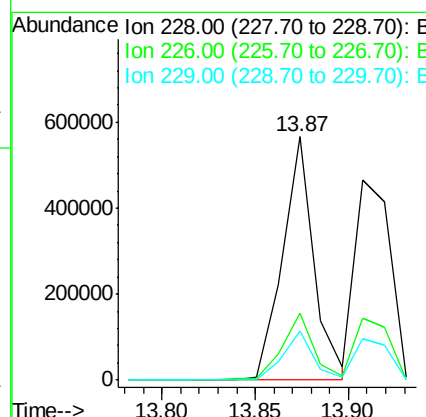
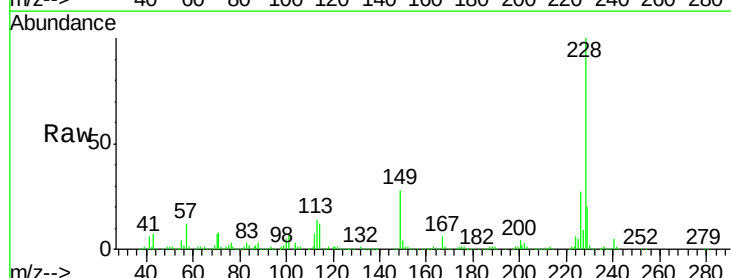
Manual Integrations

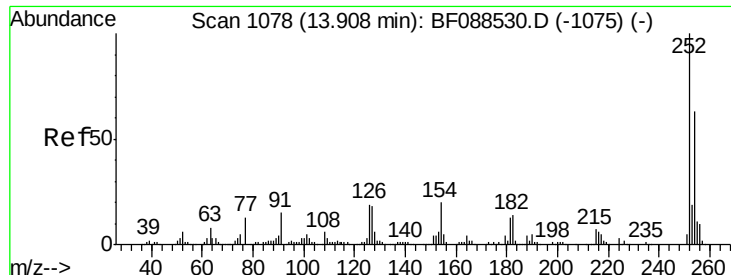
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#80
Benzo(a)anthracene
Concen: 39.69 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	660465		
226	27.3	22.3	33.5	
229	20.0	16.0	24.0	





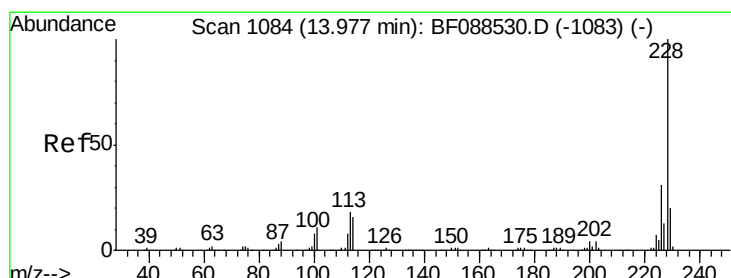
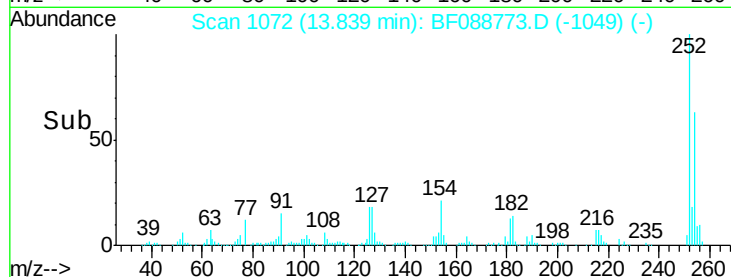
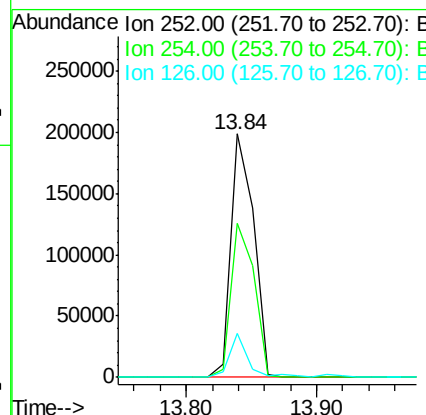
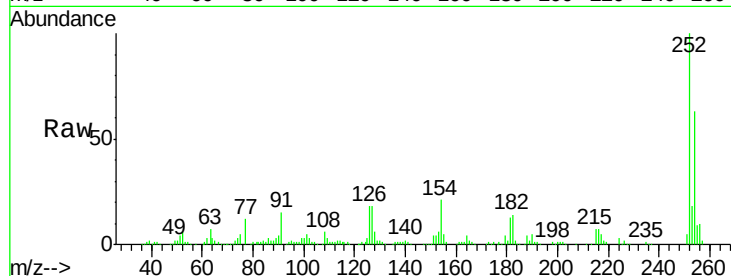
#81
 3,3'-Dichlorobenzidine
 Concen: 38.61 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.6	78.8
126	18.1	6.2	9.2

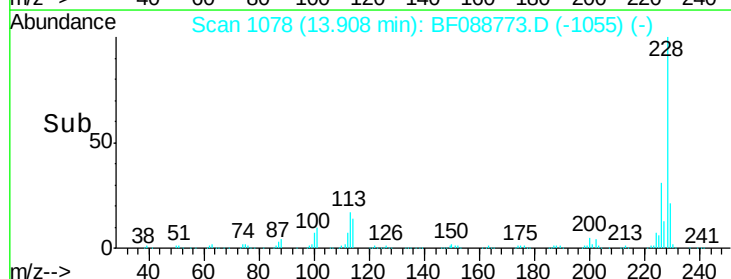
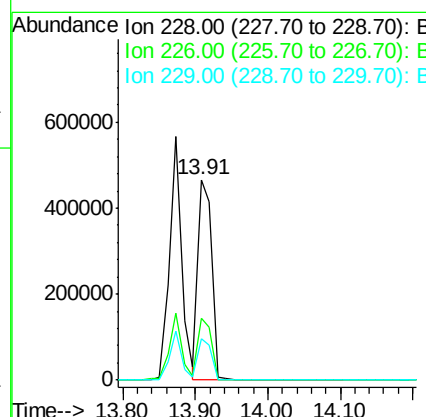
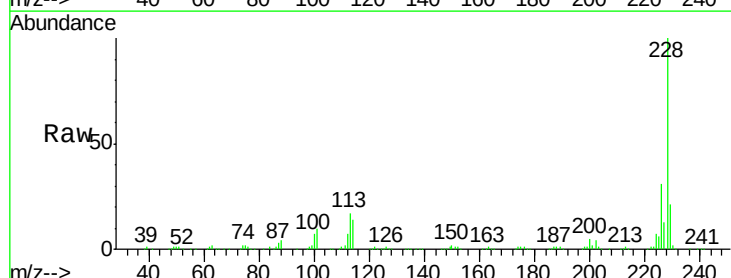
Manual Integrations

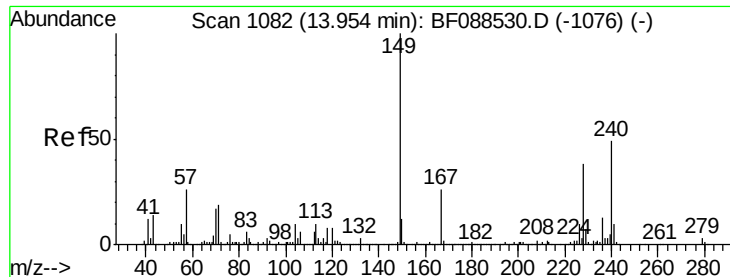
SOHIL
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#82
 Chrysene
 Concen: 37.43 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.2
229	20.5	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.67 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.02 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

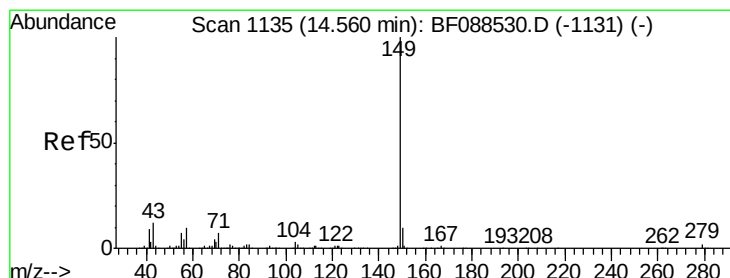
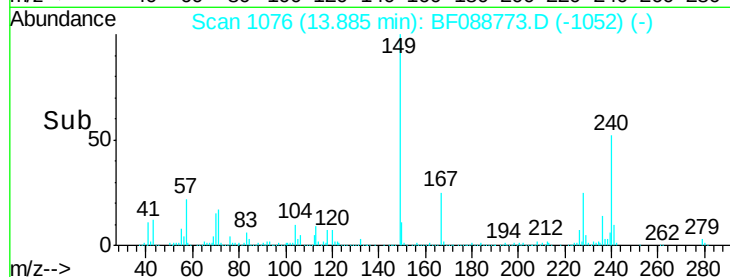
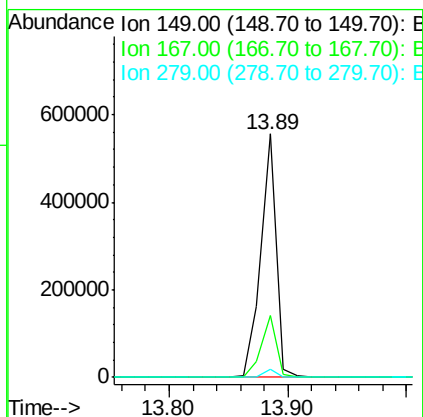
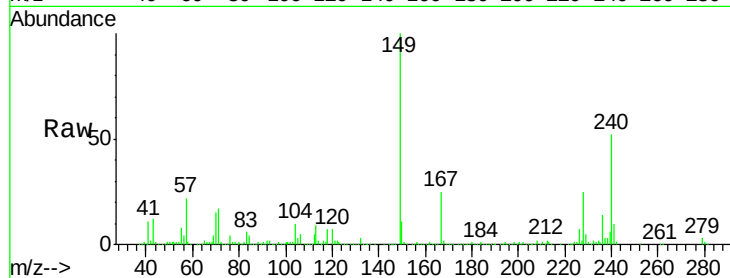
SSTDCCC040

Tgt Ion:	149	Resp:	509651
Ion Ratio	Lower	Upper	
149	100		
167	25.4	20.5	30.7
279	3.4	2.0	3.0#

Manual Integrations

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#84

Di-n-octyl phthalate

Concen: 43.64 ng

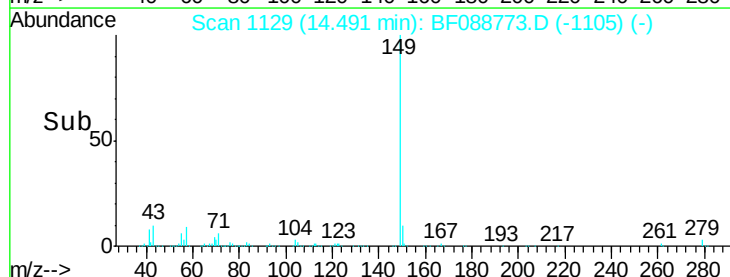
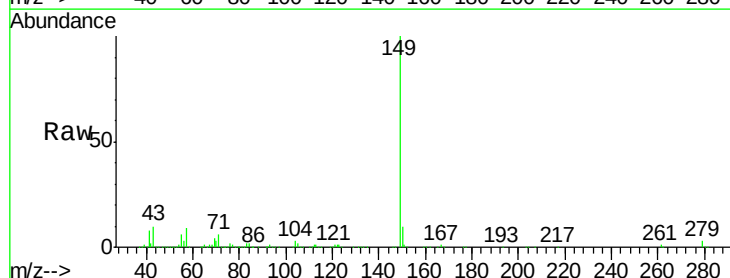
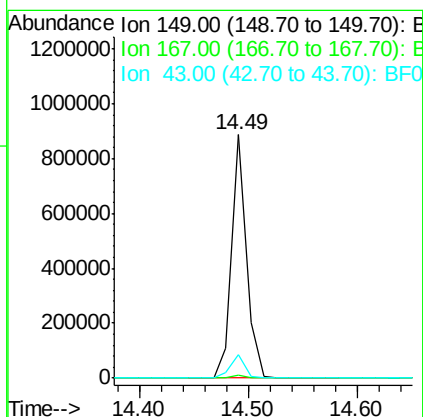
RT: 14.49 min Scan# 1129

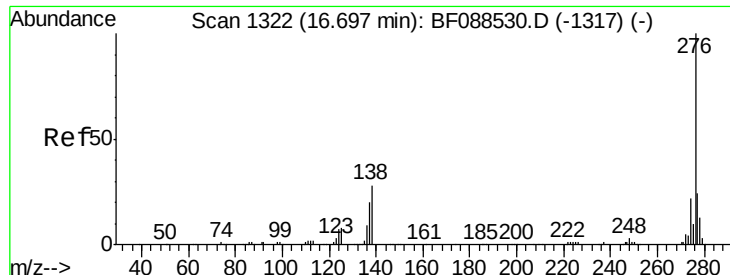
Delta R.T. -0.02 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Tgt Ion:	149	Resp:	827265
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	9.9	0.0	0.0#





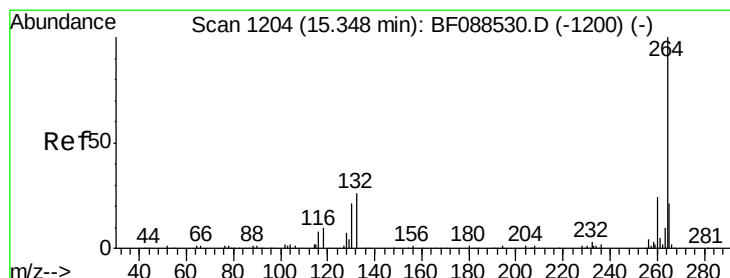
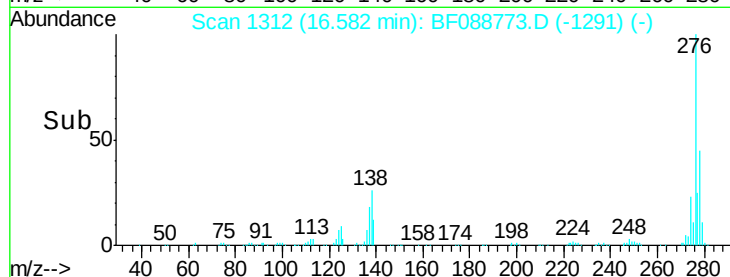
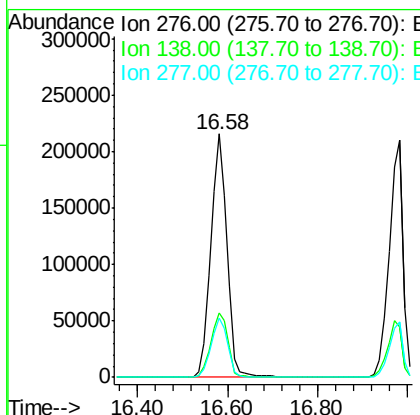
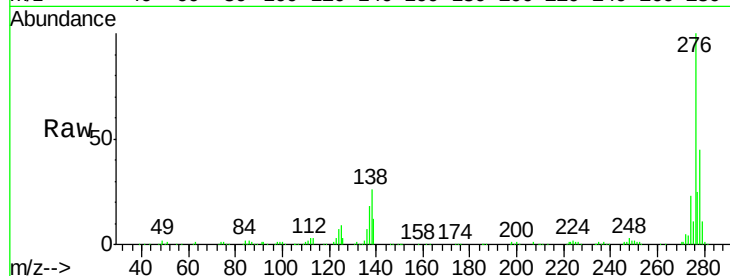
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.51 ng
 RT: 16.58 min Scan# 1312
 Delta R.T. -0.06 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	538411		
138	28.1	0.0	0.0#	
277	25.0	0.0	0.0#	

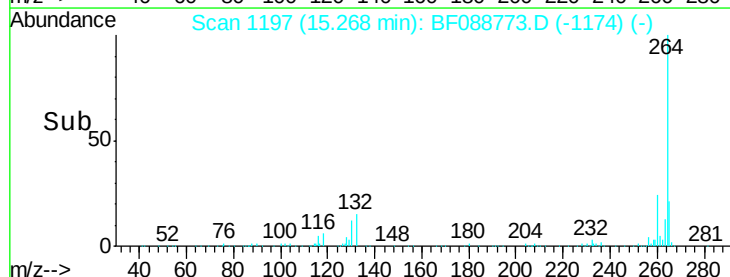
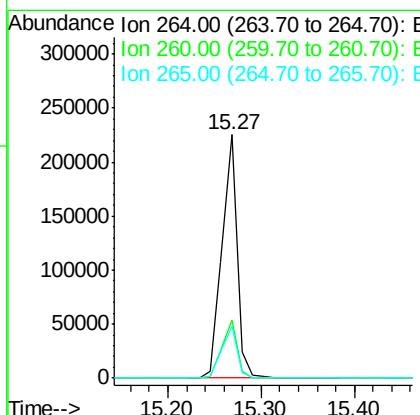
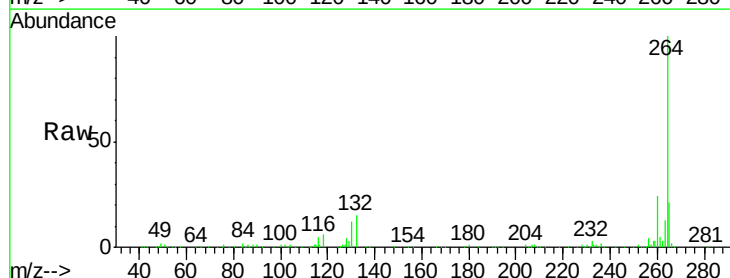
Manual Integrations

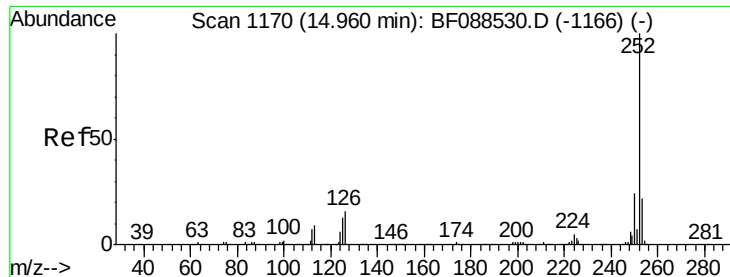
SOHIL
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1197
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	252561		
260	23.7	19.2	28.8	
265	21.2	16.9	25.3	





#87

Benzo(b)fluoranthene

Concen: 35.59 ng m

RT: 14.88 min Scan# 1163

Delta R.T. -0.03 min

Lab File: BF088773.D

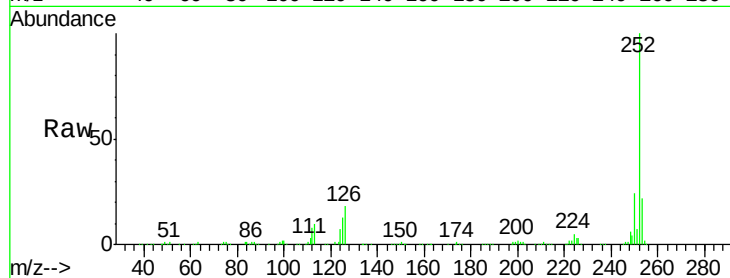
Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

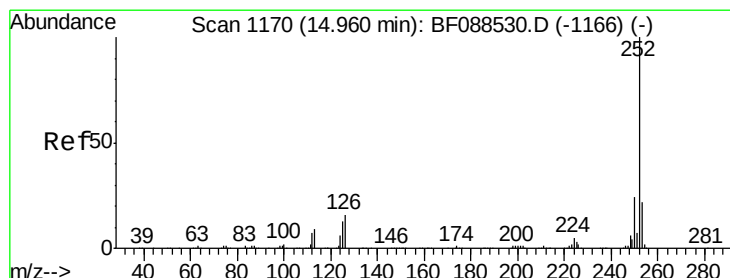
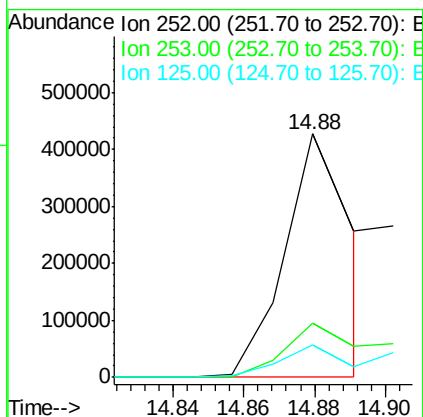
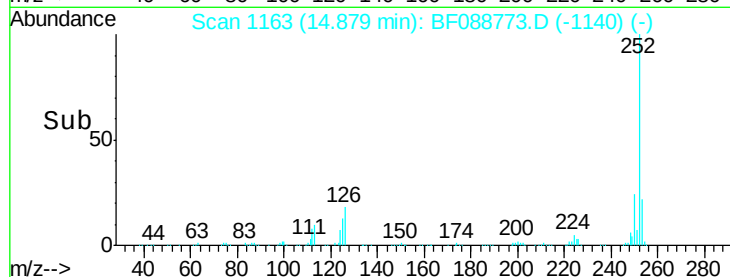


Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	13.2	7.1	10.7#

Manual Integrations

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#88

Benzo(k)fluoranthene

Concen: 44.11 ng m

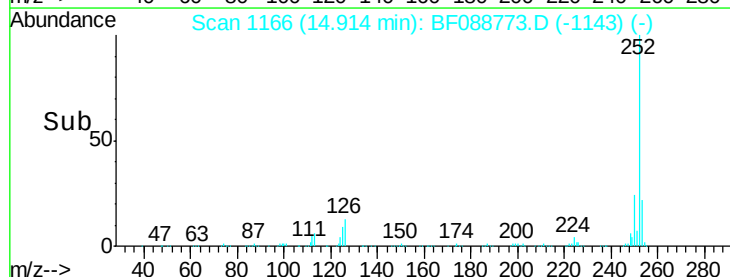
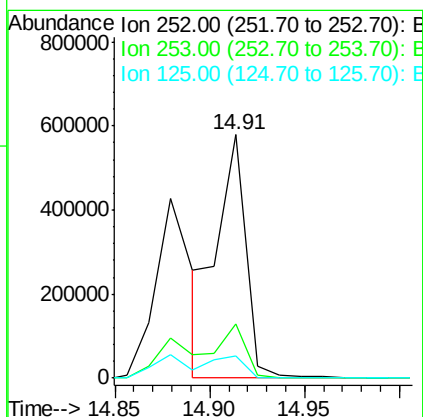
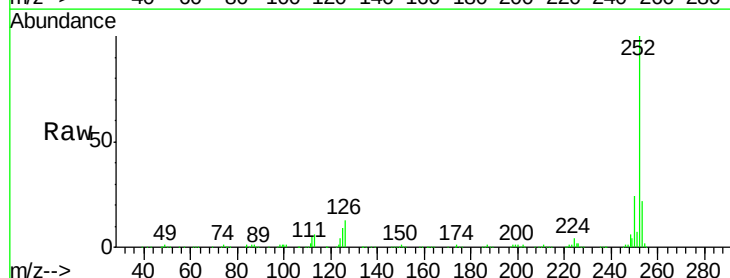
RT: 14.91 min Scan# 1166

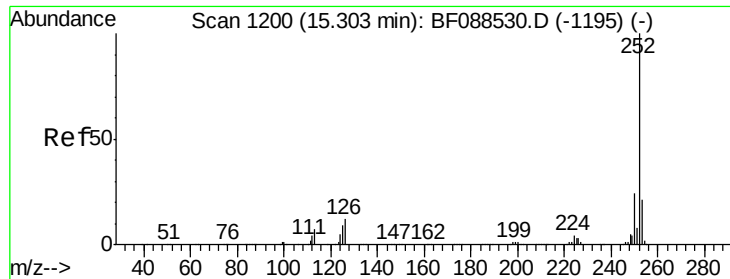
Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	9.3	11.2	16.8#





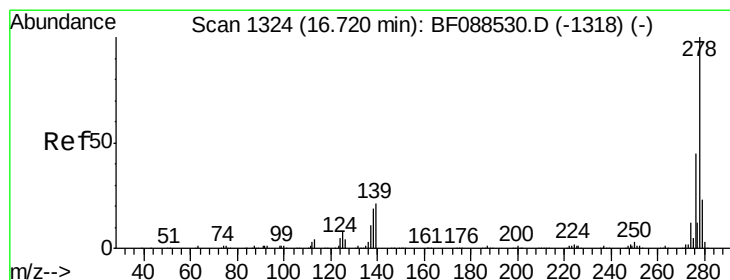
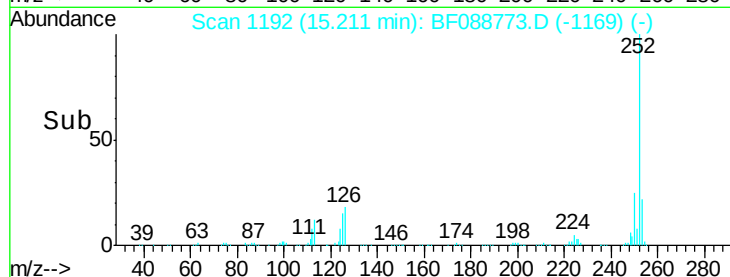
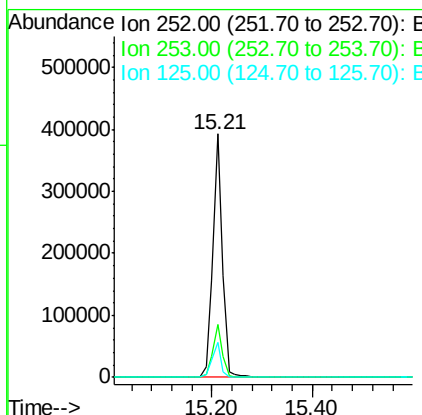
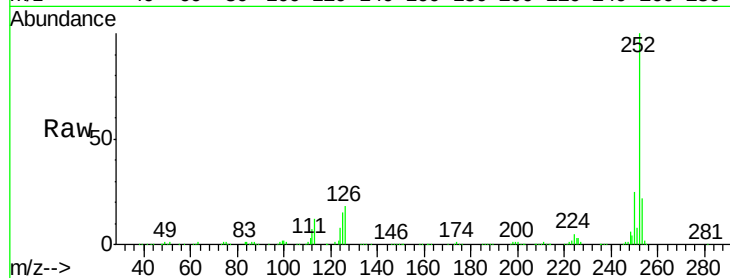
#89
Benzo(a)pyrene
Concen: 38.66 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	14.6	12.5	18.7

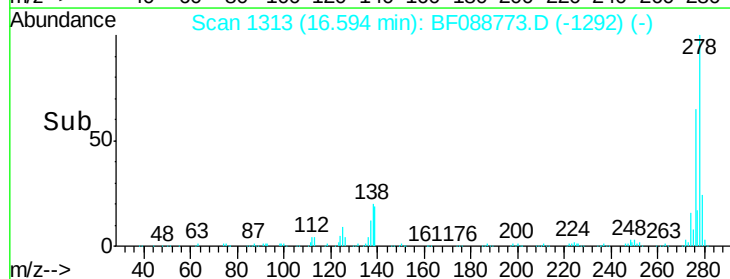
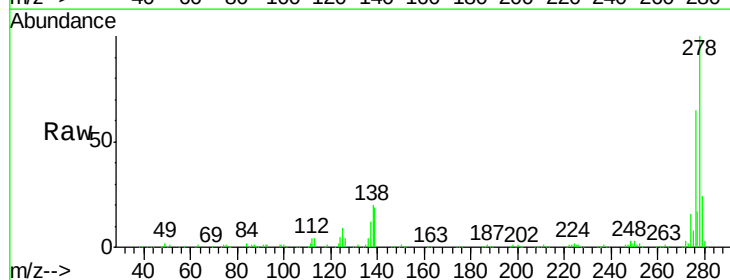
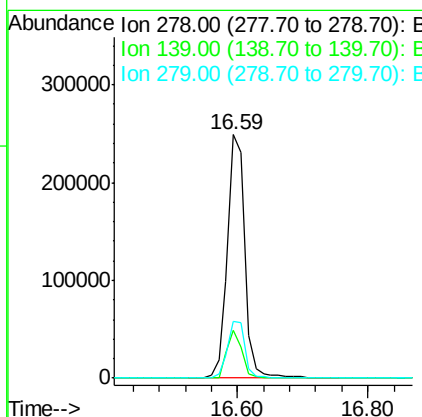
Manual Integrations

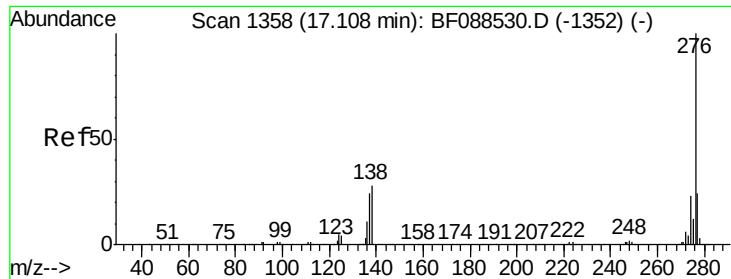
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#90
Dibenzo(a,h)anthracene
Concen: 41.29 ng
RT: 16.59 min Scan# 1313
Delta R.T. -0.06 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.5	15.7	23.5
279	23.5	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 39.46 ng
 RT: 16.98 min Scan# 1347
 Delta R.T. -0.06 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	21.2	21.4	32.2

Manual Integrations

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