

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
 Data File : BF088921.D
 Acq On : 12 Jul 2016 13:28
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations

APPROVED
 SOHIL
 7/13/2016 9:25:30 AM

Quant Time: Jul 12 16:07:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	69923	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	272311	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	132533	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	246477	20.00	ng	0.00
75) Chrysene-d12	13.84	240	158511	20.00	ng	-0.01
86) Perylene-d12	15.21	264	135119	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	349958	75.01	ng	0.00
7) Phenol-d6	6.35	99	456168	75.67	ng	0.00
23) Nitrobenzene-d5	7.28	82	435892	83.88	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	102809	83.54	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	725566	86.48	ng	0.00
78) Terphenyl-d14	12.80	244	565901	79.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	76882	33.24	ng	# 33
3) Pyridine	2.86	79	217868	32.46	ng	95
4) n-Nitrosodimethylamine	2.82	42	89902	35.06	ng	94
6) Aniline	6.36	93	304280	34.63	ng	# 21
8) 2-Chlorophenol	6.49	128	201343	40.15	ng	95
9) Benzaldehyde	6.25	77	134669	32.98	ng	93
10) Phenol	6.36	94	267257	38.84	ng	# 49
11) bis(2-Chloroethyl)ether	6.44	93	171089	33.35	ng	93
12) 1,3-Dichlorobenzene	6.65	146	215232m	39.01	ng	
13) 1,4-Dichlorobenzene	6.72	146	205971	37.61	ng	94
14) 1,2-Dichlorobenzene	6.88	146	218192m	42.56	ng	
15) Benzyl Alcohol	6.86	79	179267	40.40	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.99	45	229539	30.89	ng	90
17) 2-Methylphenol	6.97	107	151036	36.92	ng	95
18) Hexachloroethane	7.22	117	85186	40.21	ng	96
19) n-Nitroso-di-n-propylamine	7.13	70	141782	35.01	ng	93
20) 3+4-Methylphenols	7.13	107	183694	37.42	ng	96
22) Acetophenone	7.12	105	280569	42.45	ng	# 88
24) Nitrobenzene	7.29	77	190764	36.41	ng	# 79
25) Isophorone	7.54	82	391076	40.63	ng	98
26) 2-Nitrophenol	7.61	139	101139	47.08	ng	97
27) 2,4-Dimethylphenol	7.66	122	163257	36.48	ng	# 85
28) bis(2-Chloroethoxy)methane	7.76	93	245051	39.12	ng	97
29) 2,4-Dichlorophenol	7.85	162	146706	40.57	ng	94
30) 1,2,4-Trichlorobenzene	7.94	180	173484	43.71	ng	96
31) Naphthalene	8.01	128	548400	40.85	ng	99
32) Benzoic acid	7.80	122	131922	40.61	ng	90
33) 4-Chloroaniline	8.07	127	252967	42.35	ng	97
34) Hexachlorobutadiene	8.14	225	97177	45.73	ng	99
35) Caprolactam	8.44	113	49795	40.54	ng	95
36) 4-Chloro-3-methylphenol	8.56	107	204100	47.73	ng	96
37) 2-Methylnaphthalene	8.71	142	397882	46.03	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	187813	42.61	ng	# 1
40) Hexachlorocyclopentadiene	8.87	237	77875	35.99	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	106842	36.76	ng	97
43) 2,4,5-Trichlorophenol	9.03	196	114177	45.66	ng #	94
45) 1,1'-Biphenyl	9.18	154	469183	42.75	ng	95
46) 2-Chloronaphthalene	9.19	162	335968	39.00	ng	94
47) 2-Nitroaniline	9.29	65	129645	42.40	ng	96
48) Acenaphthylene	9.61	152	567602	41.40	ng	99
49) Dimethylphthalate	9.47	163	362388	38.38	ng	99
50) 2,6-Dinitrotoluene	9.53	165	78673	37.59	ng #	34
51) Acenaphthene	9.78	154	364170	43.34	ng	98
52) 3-Nitroaniline	9.70	138	108751	40.88	ng	94
53) 2,4-Dinitrophenol	9.80	184	40055	43.35	ng #	82
54) Dibenzofuran	9.95	168	444222	40.39	ng	98
55) 4-Nitrophenol	9.86	139	74535	36.87	ng	84
56) 2,4-Dinitrotoluene	9.93	165	110087	40.24	ng #	37
57) Fluorene	10.28	166	324040	38.23	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	81813	42.29	ng #	47
59) Diethylphthalate	10.17	149	369933	39.04	ng	98
60) 4-Chlorophenyl-phenylether	10.28	204	172021	43.68	ng	96
61) 4-Nitroaniline	10.31	138	97946	38.26	ng #	77
62) Azobenzene	10.44	77	443351	41.02	ng	97
64) 4,6-Dinitro-2-methylphenol	10.34	198	54842	41.60	ng	91
65) n-Nitrosodiphenylamine	10.40	169	314933	37.75	ng	98
66) 4-Bromophenyl-phenylether	10.78	248	98792	39.77	ng #	88
67) Hexachlorobenzene	10.83	284	105480	38.36	ng	99
68) Atrazine	10.94	200	106499	40.97	ng	93
69) Pentachlorophenol	11.03	266	67054	41.21	ng	98
70) Phenanthrene	11.24	178	567101	42.09	ng	99
71) Anthracene	11.29	178	497530	37.14	ng	99
72) Carbazole	11.45	167	514310	40.79	ng	99
73) Di-n-butylphthalate	11.79	149	631586	43.06	ng	99
74) Fluoranthene	12.42	202	527949	38.65	ng	99
76) Benzidine	12.55	184	370601	46.26	ng	98
77) Pyrene	12.65	202	584807	43.51	ng	99
79) Butylbenzylphthalate	13.28	149	256210	42.74	ng	88
80) Benzo(a)anthracene	13.83	228	424224	41.56	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	160941	41.94	ng	98
82) Chrysene	13.87	228	421610	41.75	ng	97
83) Bis(2-ethylhexyl)phthalate	13.84	149	290720	42.48	ng	98
84) Di-n-octyl phthalate	14.45	149	459207	39.49	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.50	276	284110	36.57	ng #	100
87) Benzo(b)fluoranthene	14.83	252	330840m	39.03	ng	
88) Benzo(k)fluoranthene	14.86	252	300826m	40.77	ng	
89) Benzo(a)pyrene	15.15	252	286415	39.91	ng	98
90) Dibenzo(a,h)anthracene	16.51	278	246958	41.21	ng	96
91) Benzo(g,h,i)perylene	16.89	276	250621	40.41	ng #	92

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

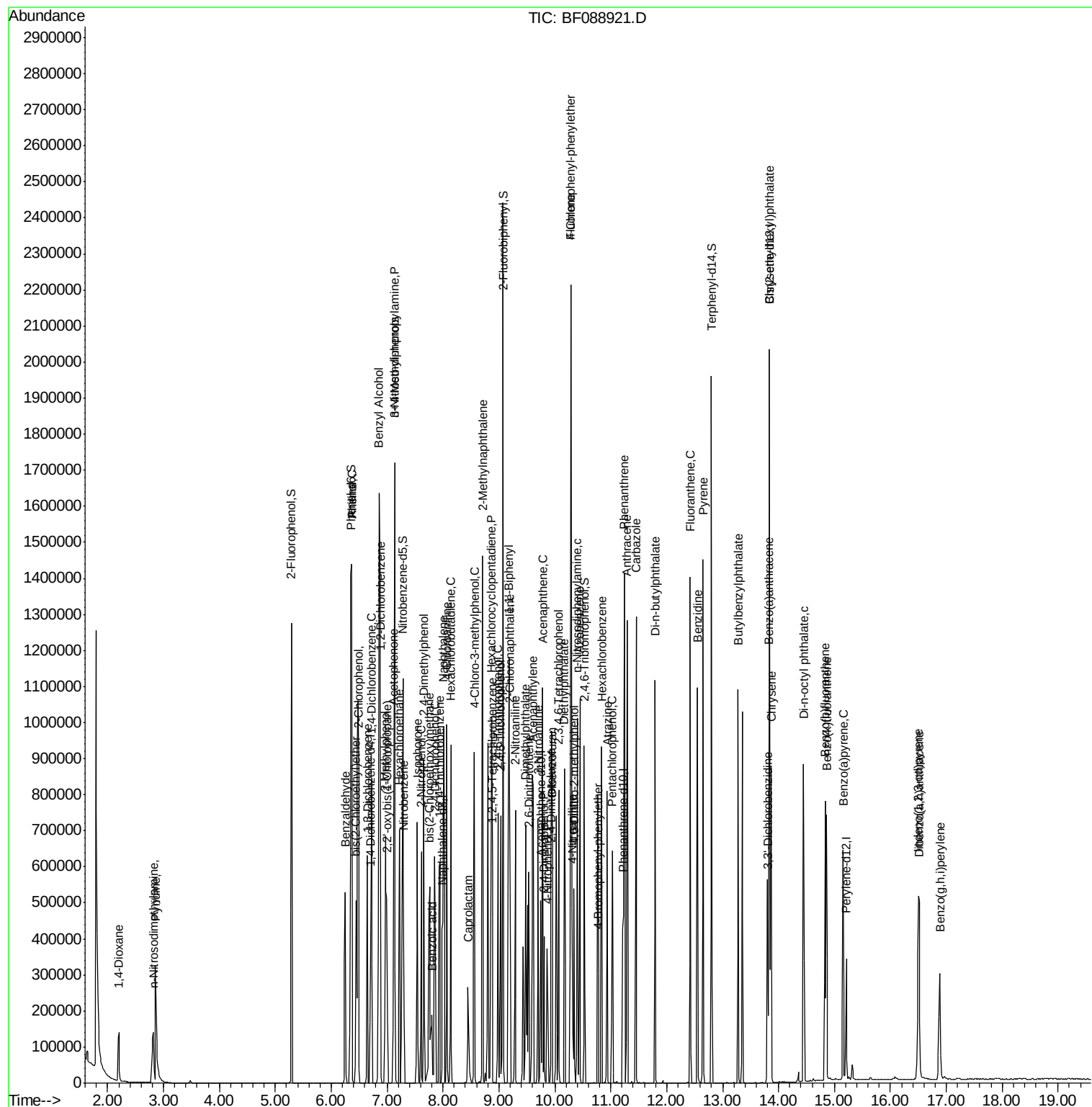
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
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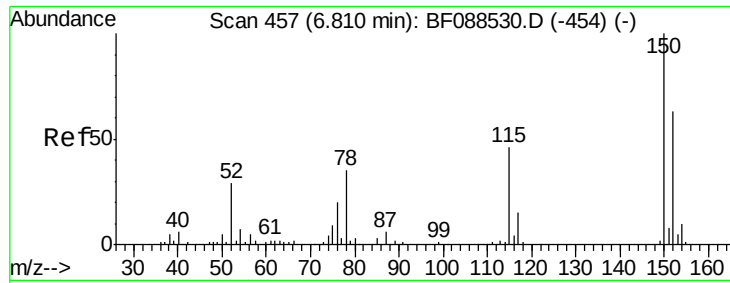
Instrument :
BNA_F
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#1

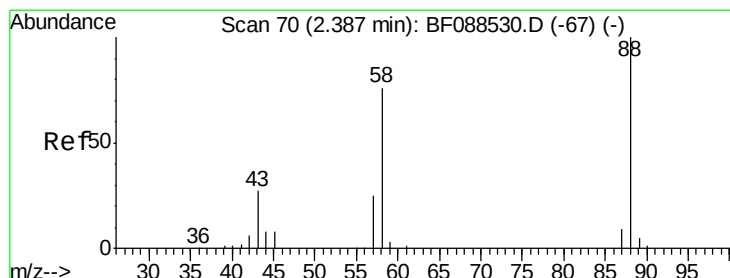
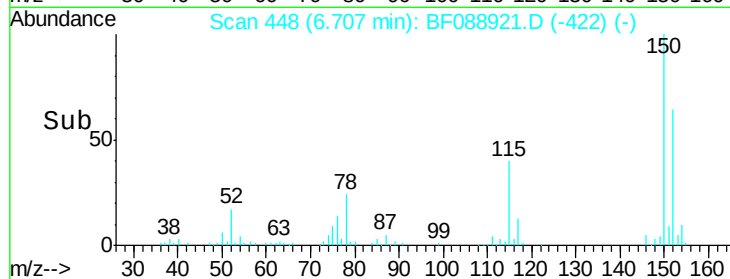
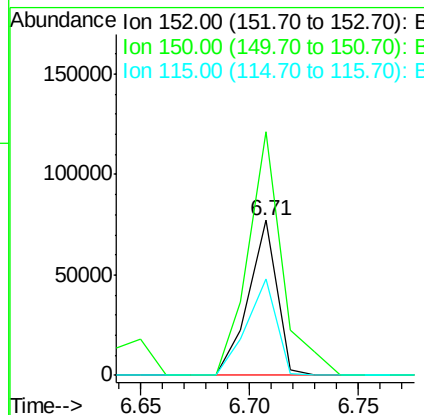
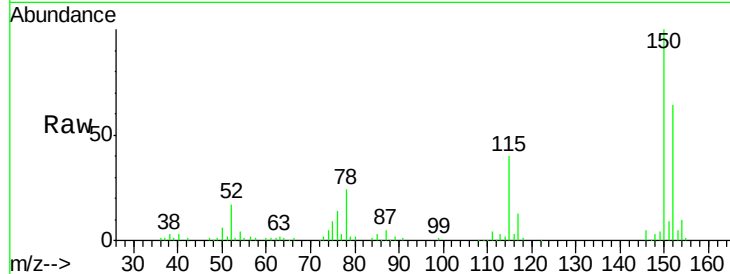
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.8	185.6
115	62.2	39.6	59.4

Manual Integrations

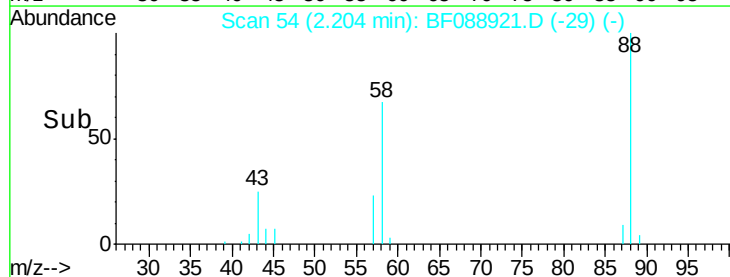
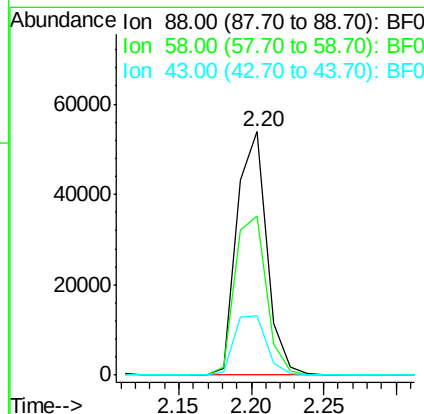
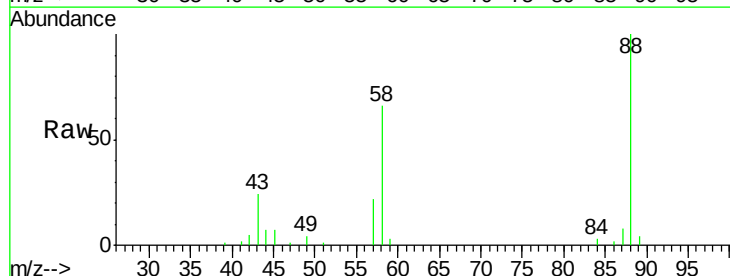
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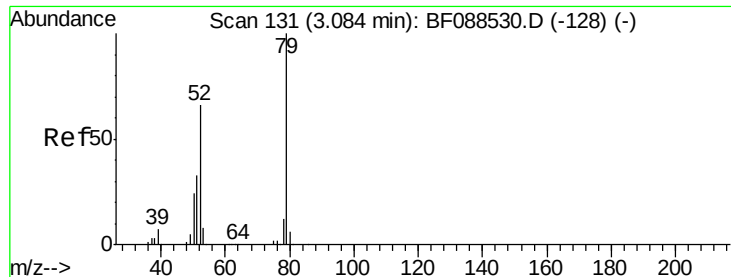


#2

1,4-Dioxane
Concen: 33.24 ng
RT: 2.20 min Scan# 54
Delta R.T. -0.01 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.7	0.0	0.0
43	26.3	3.4	5.2





#3

Pyridine

Concen: 32.46 ng

RT: 2.86 min Scan# 111

Delta R.T. -0.02 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

Instrument :

BNA_F

ClientSampleId :

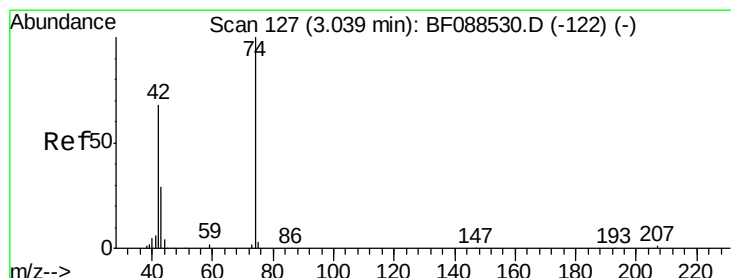
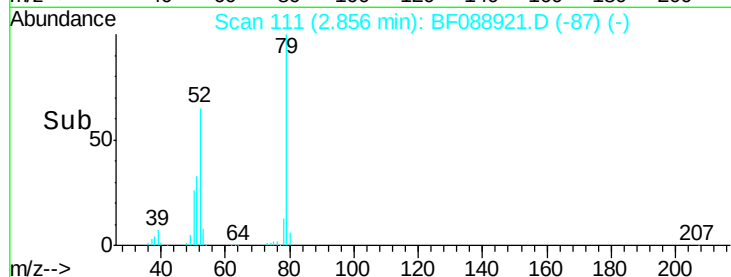
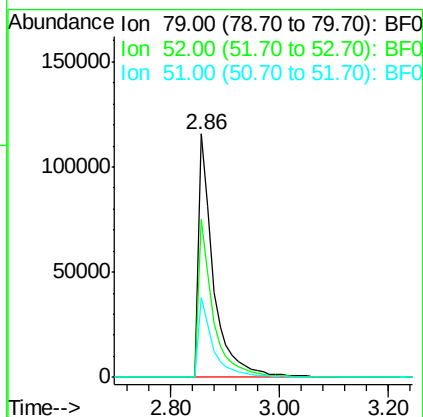
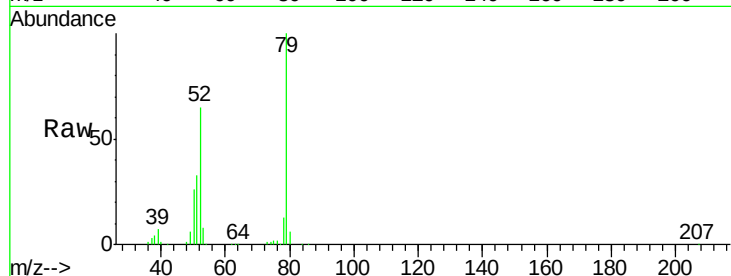
SSTDCCC040

Tgt Ion:	79	Resp:	217868
Ion	Ratio	Lower	Upper
79	100		
52	65.1	56.3	84.5
51	32.7	27.4	41.2

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 35.06 ng

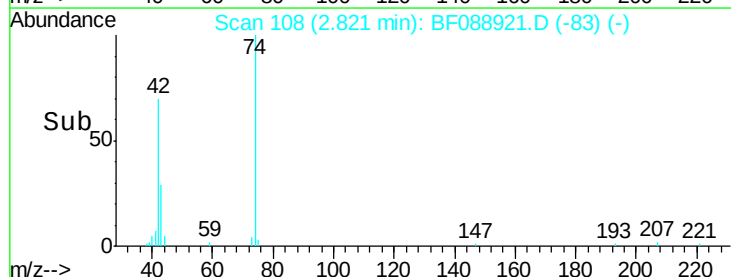
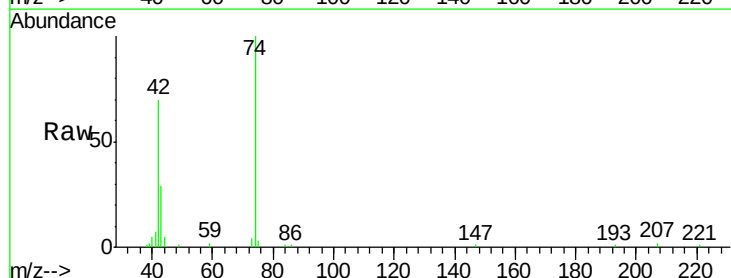
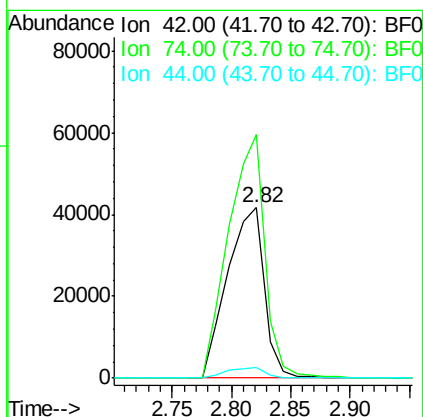
RT: 2.82 min Scan# 108

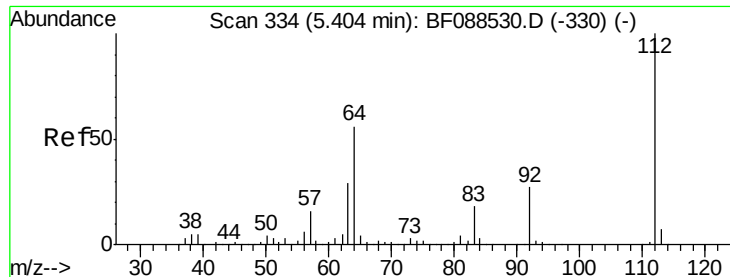
Delta R.T. -0.01 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

Tgt Ion:	42	Resp:	89902
Ion	Ratio	Lower	Upper
42	100		
74	143.0	108.6	163.0
44	6.5	5.5	8.3





#5

2-Fluorophenol

Concen: 75.01 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.00 min

Lab File: BF088921.D

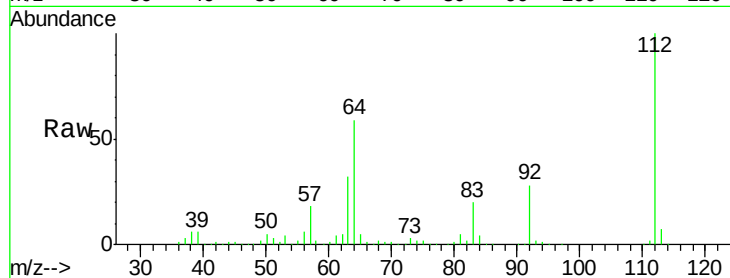
Acq: 12 Jul 2016 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

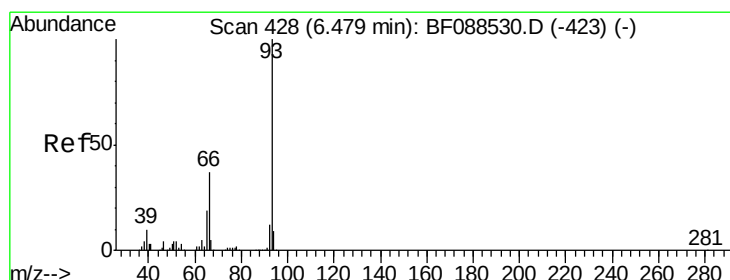
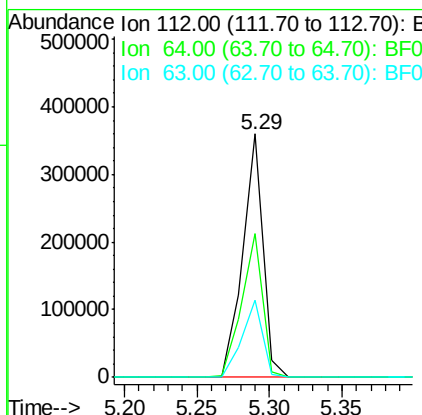
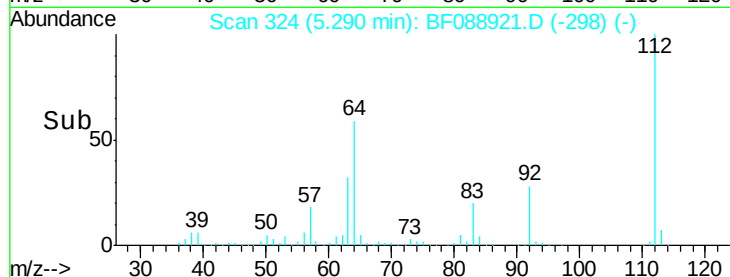


Tgt Ion	Ratio	Resp	Lower	Upper
112	100	349958		
64	59.1	42.2	63.2	
63	31.8	21.8	32.8	

Manual Integrations

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#6

Aniline

Concen: 34.63 ng

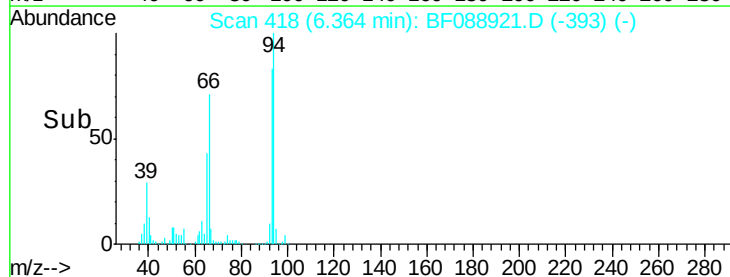
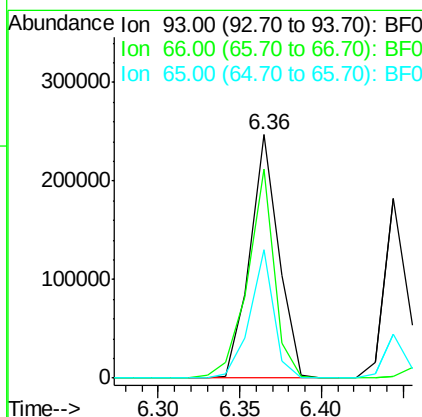
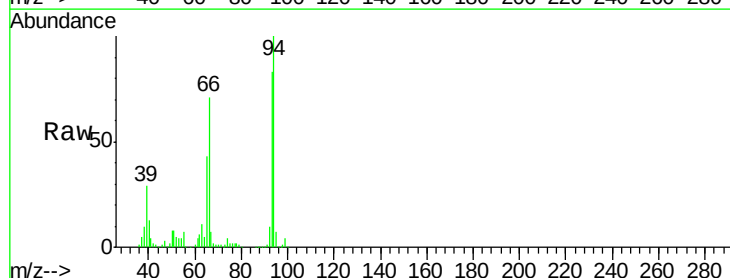
RT: 6.36 min Scan# 418

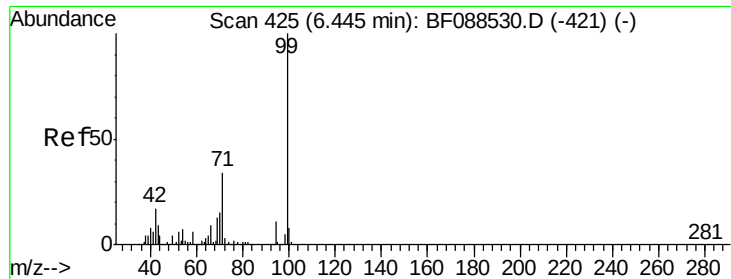
Delta R.T. -0.01 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	304280		
66	85.7	29.8	44.8#	
65	52.6	14.9	22.3#	





#7

Phenol-d6

Concen: 75.67 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088921.D

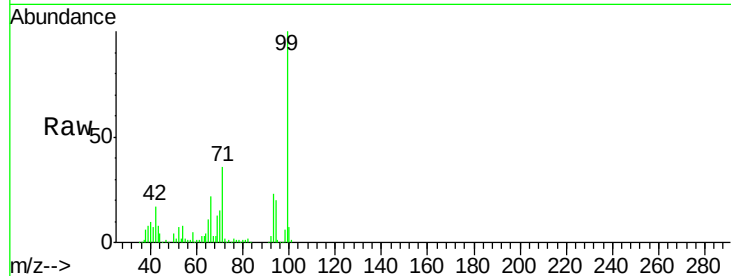
Acq: 12 Jul 2016 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

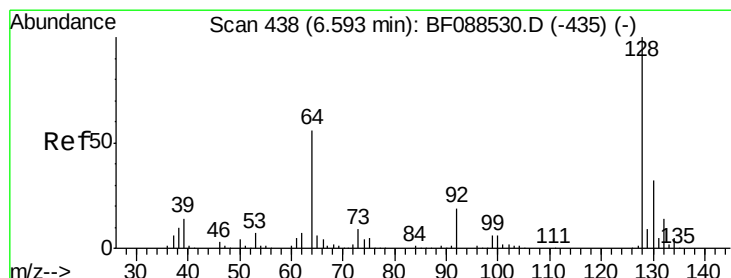
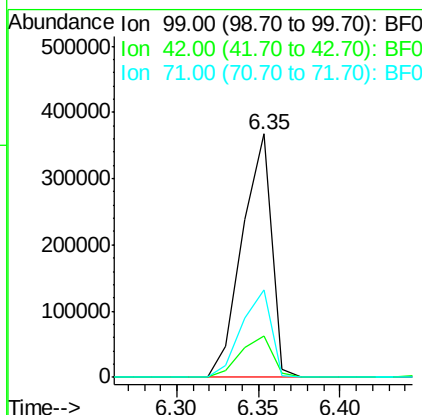
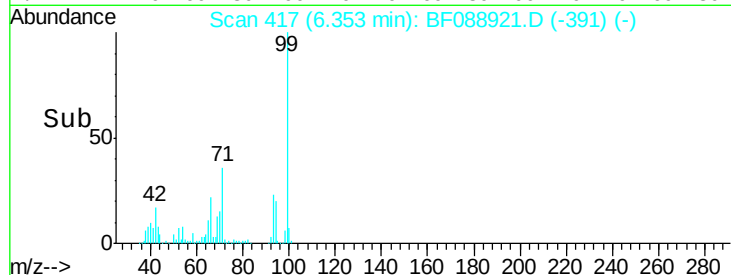


Tgt Ion	Ion	Ratio	Lower	Upper
99	100			
42	17.0	12.2	18.2	
71	36.1	23.4	35.0	

Manual Integrations

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#8

2-Chlorophenol

Concen: 40.15 ng

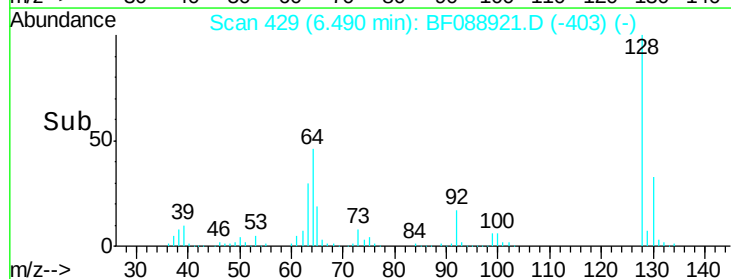
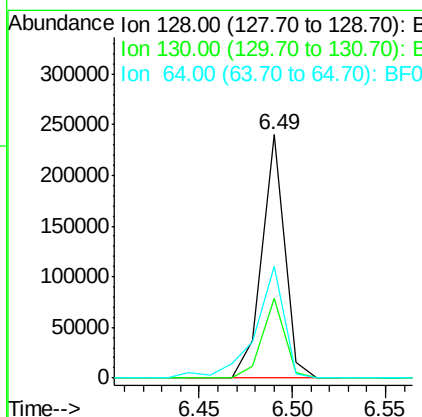
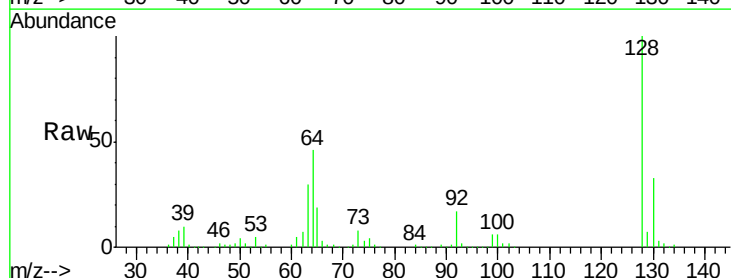
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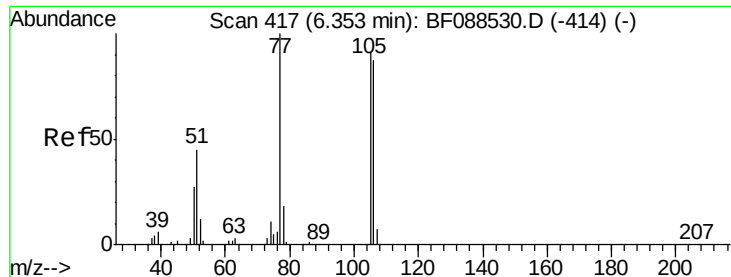
Delta R.T. 0.00 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

Tgt Ion	Ion	Ratio	Lower	Upper
128	100			
130	32.7	12.0	52.0	
64	45.8	30.8	70.8	





#9

Benzaldehyde

Concen: 32.98 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF088921.D

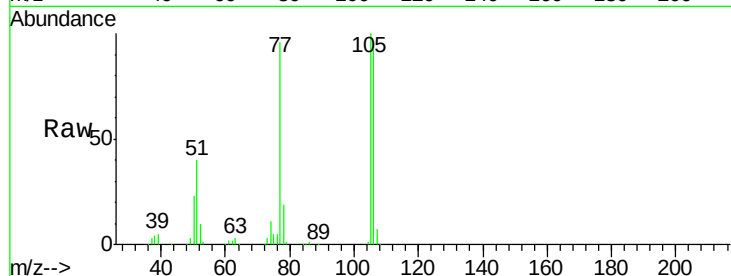
Acq: 12 Jul 2016 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

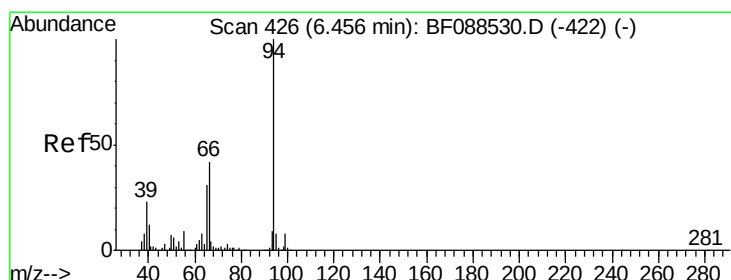
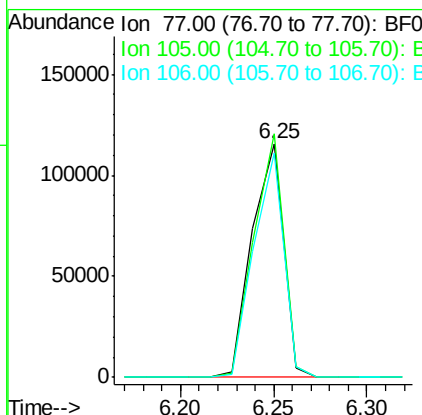
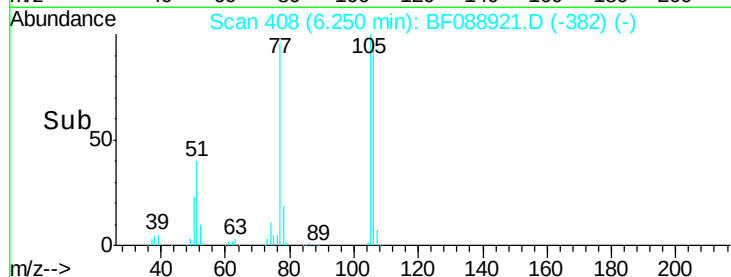


Tgt Ion:	77	Resp:	134669
Ion	Ratio	Lower	Upper
77	100		
105	104.3	90.6	130.6
106	96.2	85.3	125.3

Manual Integrations

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#10

Phenol

Concen: 38.84 ng

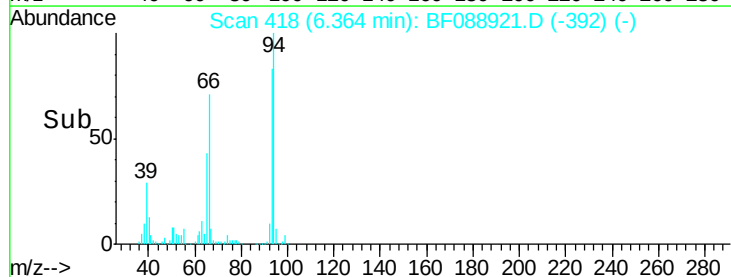
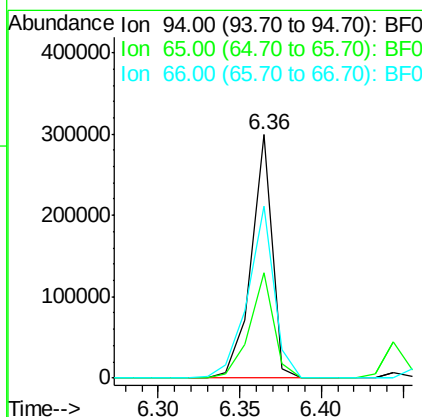
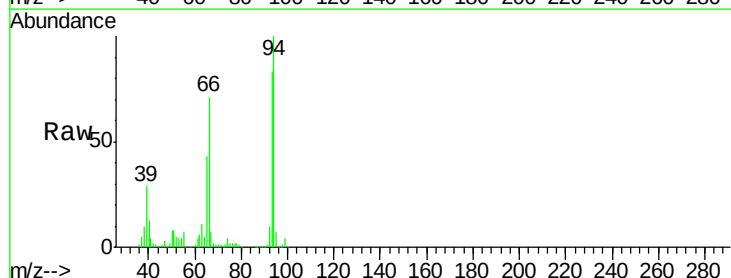
RT: 6.36 min Scan# 418

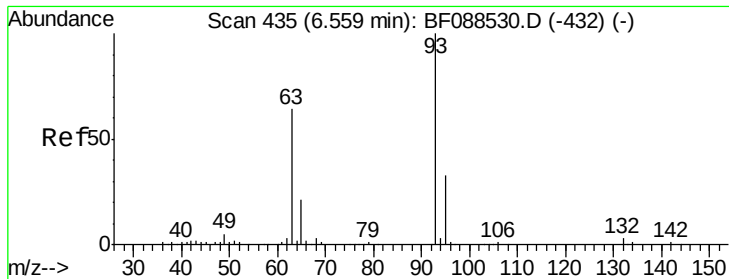
Delta R.T. 0.00 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

Tgt Ion:	94	Resp:	267257
Ion	Ratio	Lower	Upper
94	100		
65	43.4	5.9	45.9
66	70.8	14.0	54.0





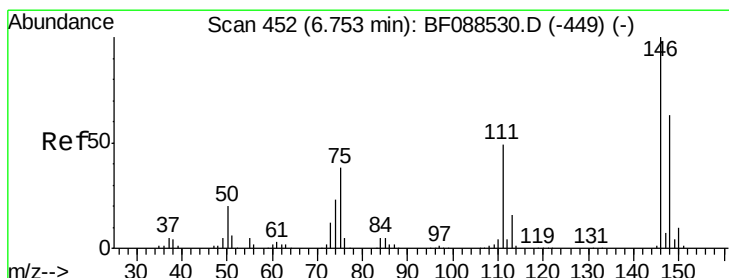
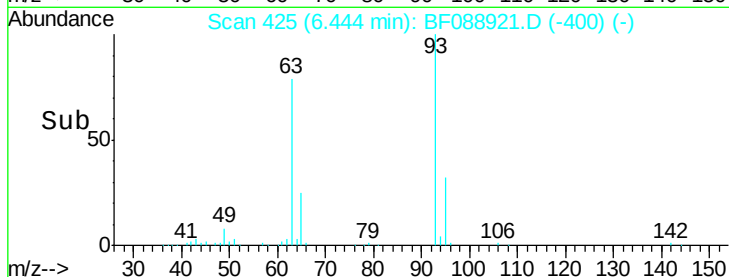
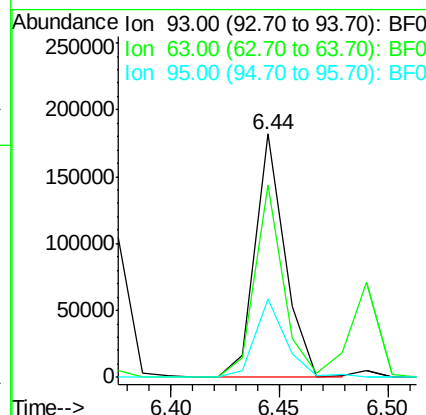
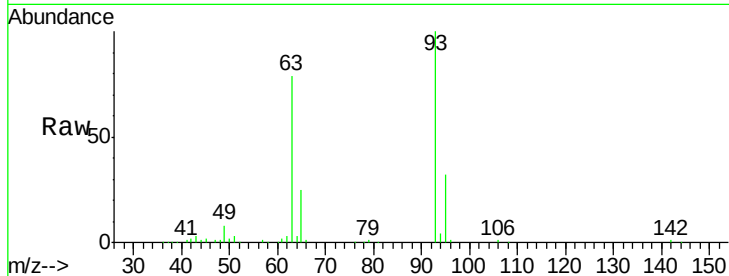
#11
bis(2-Chloroethyl)ether
Concen: 33.35 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	78.9	67.6	107.6
95	32.0	12.5	52.5

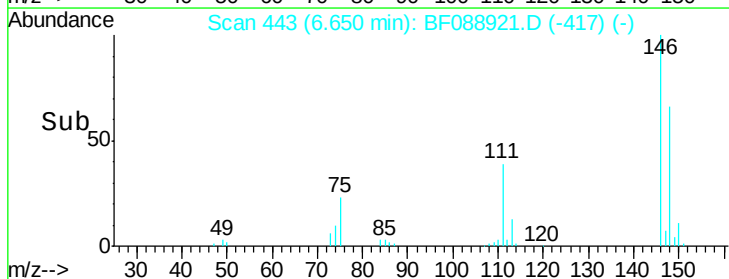
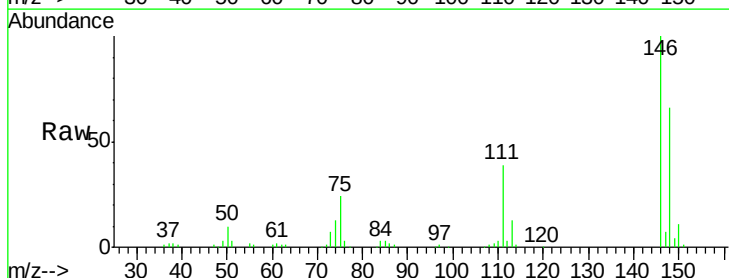
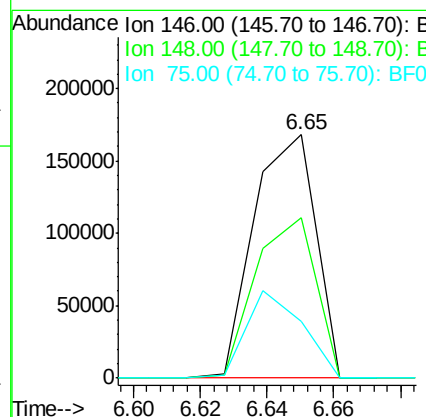
Manual Integrations

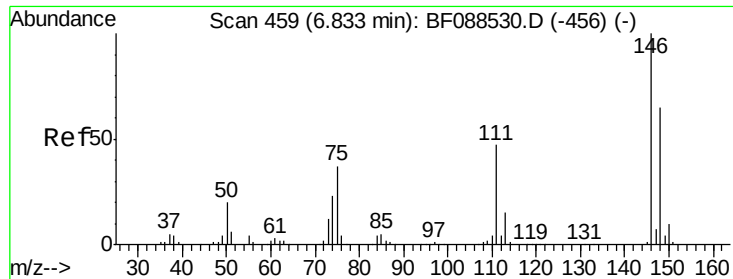
SOHIL
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#12
1,3-Dichlorobenzene
Concen: 39.01 ng m
RT: 6.65 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.9	76.3
75	23.5	25.6	38.4#





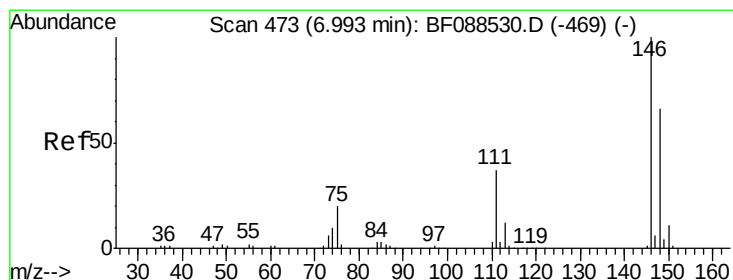
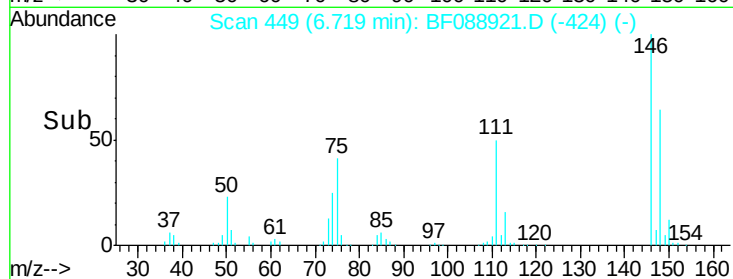
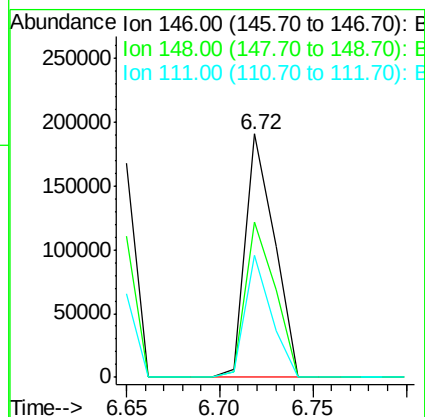
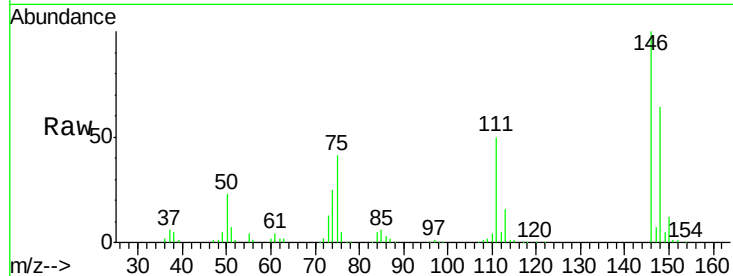
#13
1,4-Dichlorobenzene
Concen: 37.61 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.0	78.0
111	50.1	33.8	50.8

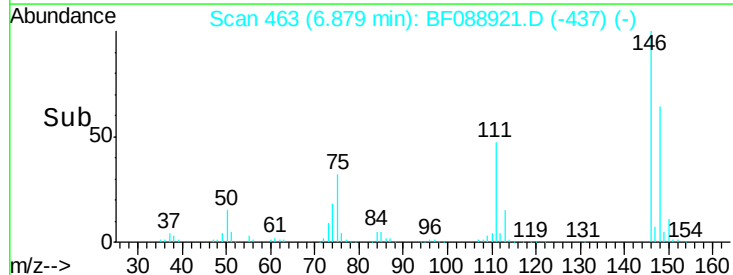
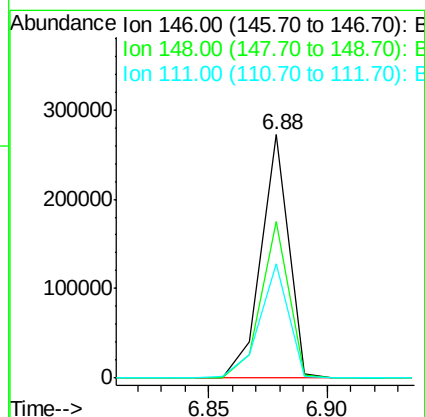
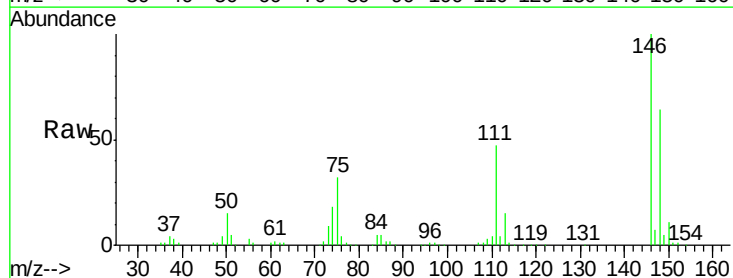
Manual Integrations

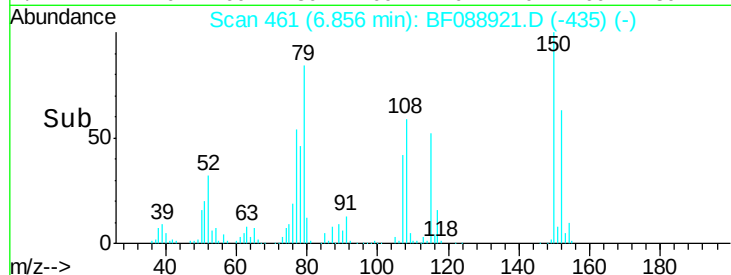
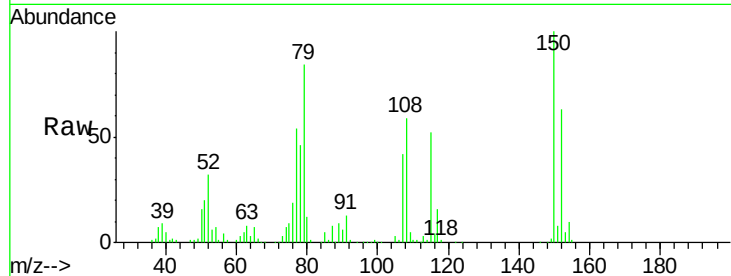
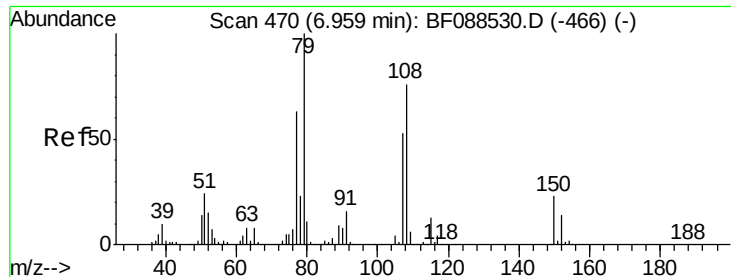
SOHIL
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#14
1,2-Dichlorobenzene
Concen: 42.56 ng m
RT: 6.88 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.3	78.5
111	46.8	28.7	43.1#





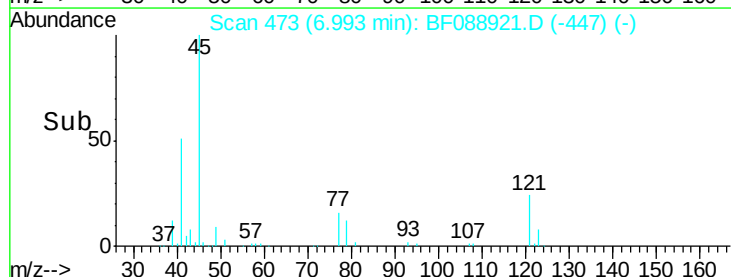
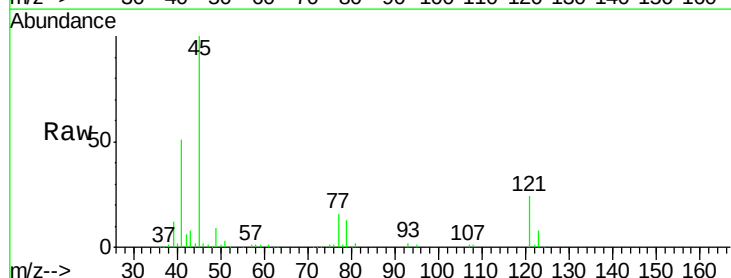
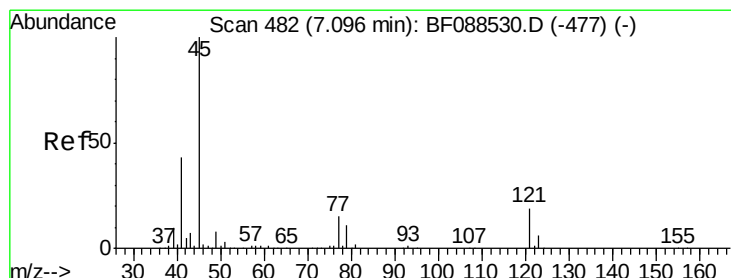
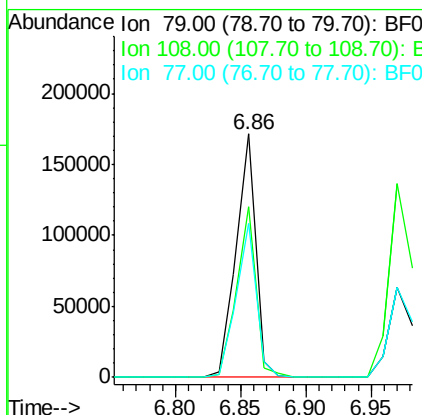
#15
Benzyl Alcohol
Concen: 40.40 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Tgt Ion	Ratio	Lower	Upper
79	100		
108	70.3	65.0	97.6
77	63.4	50.3	75.5

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

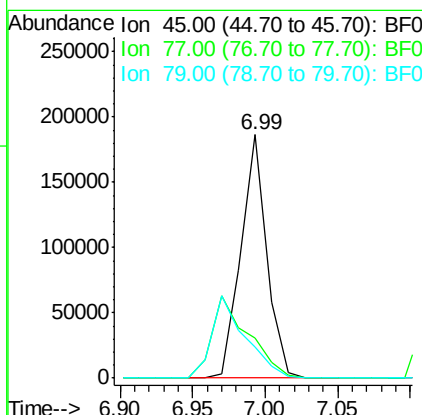
Manual Integrations

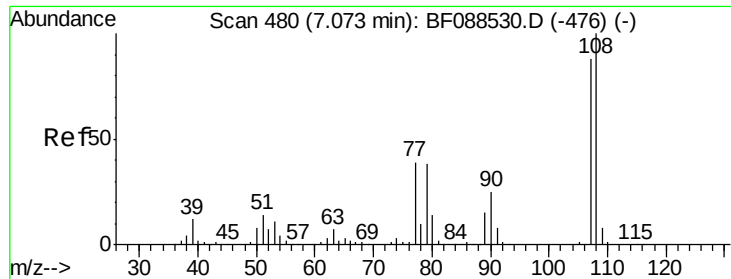
SOHIL
7/13/2016 9:25:30 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.89 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	32.5
79	12.8	0.0	29.5





#17

2-Methylphenol

Concen: 36.92 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF088921.D

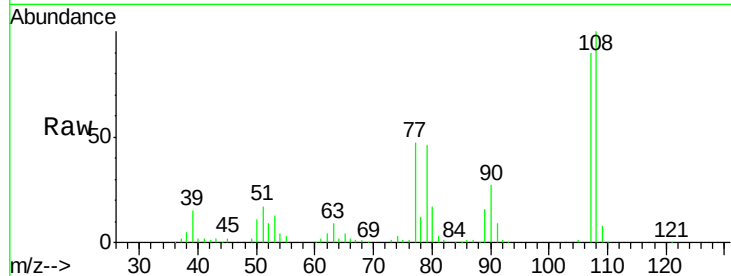
Acq: 12 Jul 2016 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:107 Resp: 151036

Ion Ratio Lower Upper

107 100

108 111.0 90.9 136.3

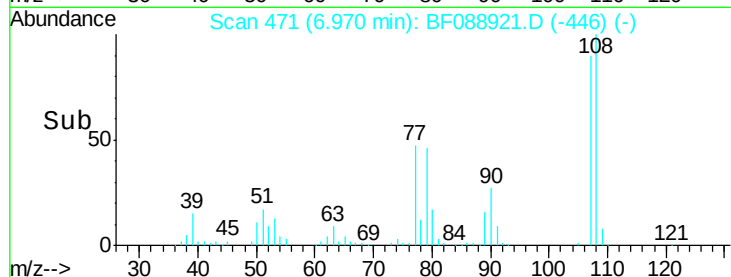
77 51.7 36.6 55.0

79 51.3 36.5 54.7

Manual Integrations

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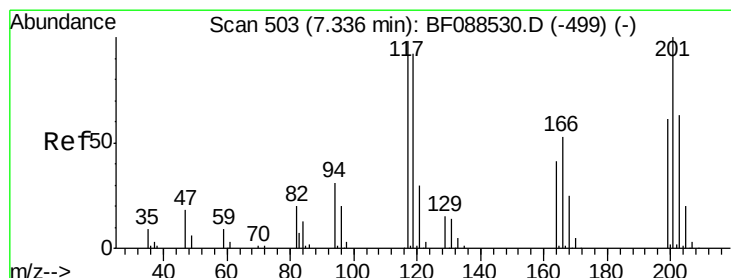
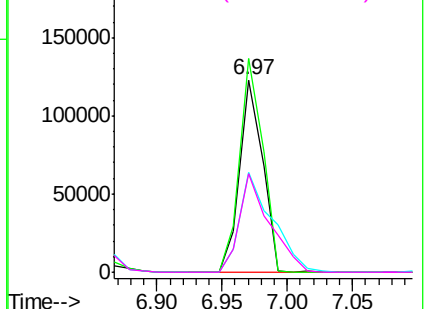


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.21 ng

RT: 7.22 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

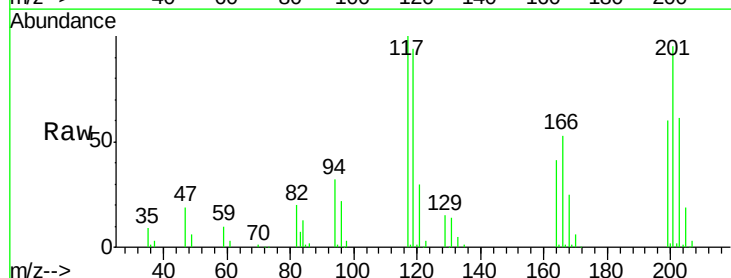
Tgt Ion:117 Resp: 85186

Ion Ratio Lower Upper

117 100

119 94.4 77.4 116.2

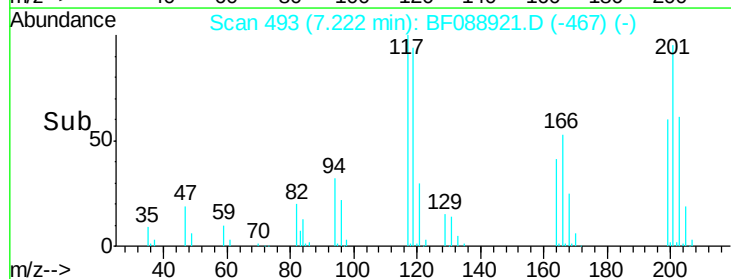
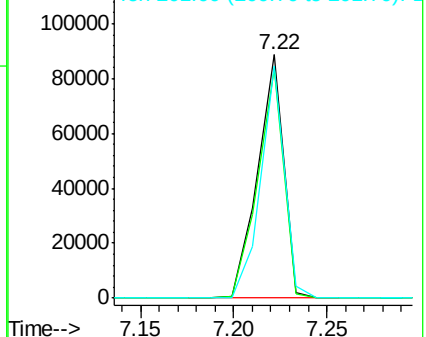
201 95.3 80.4 120.6

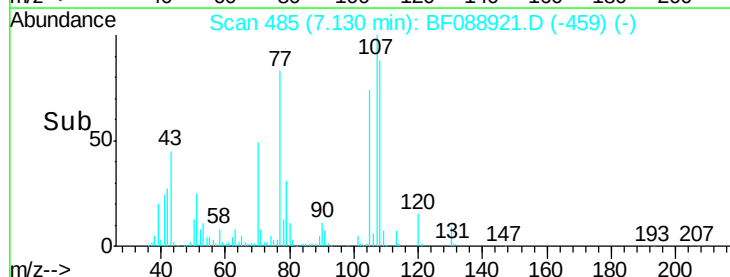
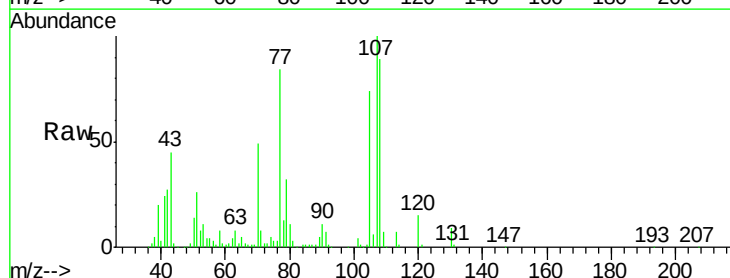
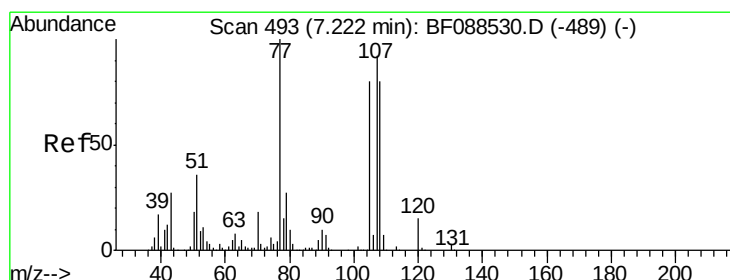
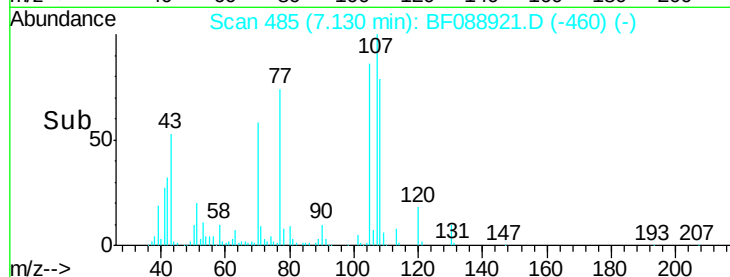
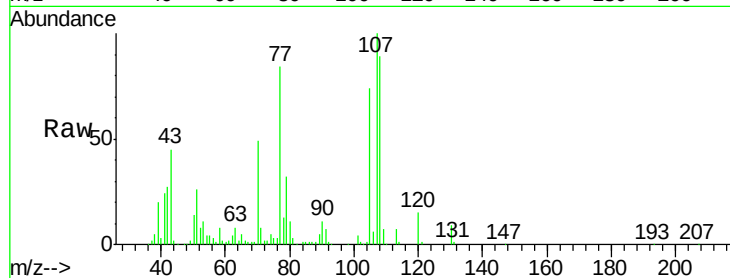
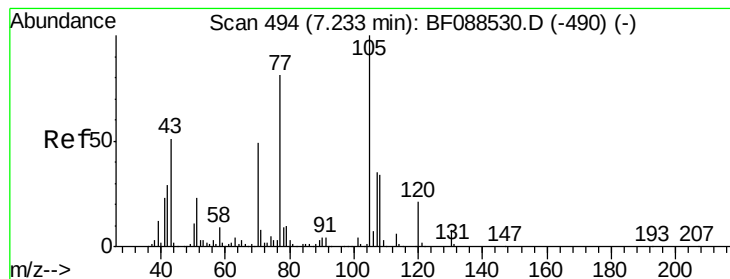


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.01 ng

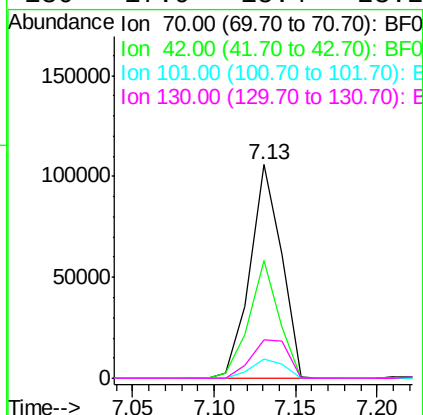
RT: 7.13 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

Tgt Ion:	70	Resp:	141782
Ion Ratio	Lower	Upper	
70	100		
42	55.0	49.6	74.4
101	9.1	7.1	10.7
130	17.9	15.4	23.2



Manual Integrations

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#20

3+4-Methylphenols

Concen: 37.42 ng

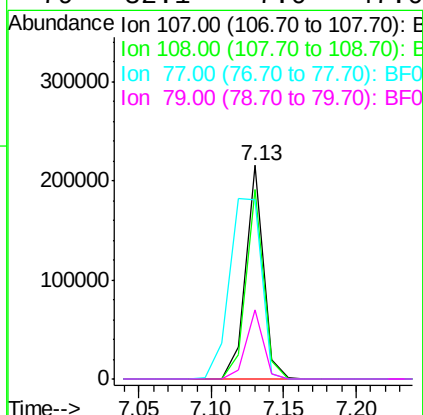
RT: 7.13 min Scan# 485

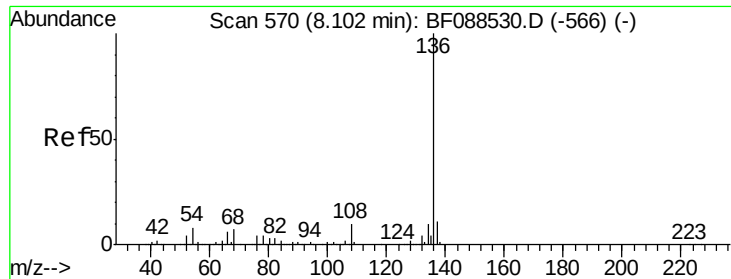
Delta R.T. 0.00 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

Tgt Ion:	107	Resp:	183694
Ion Ratio	Lower	Upper	
107	100		
108	88.7	67.8	107.8
77	83.7	59.3	99.3
79	32.1	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

Instrument :

BNA_F

ClientSampleId :

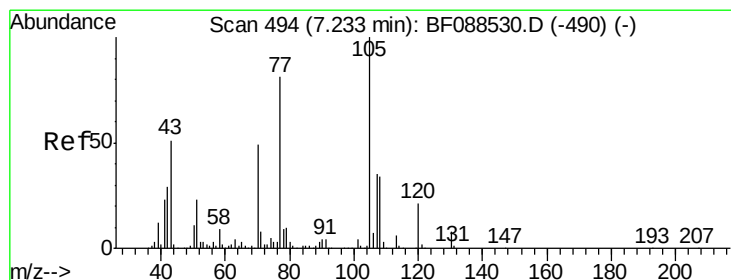
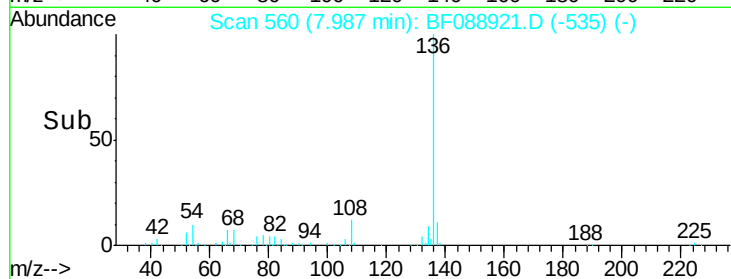
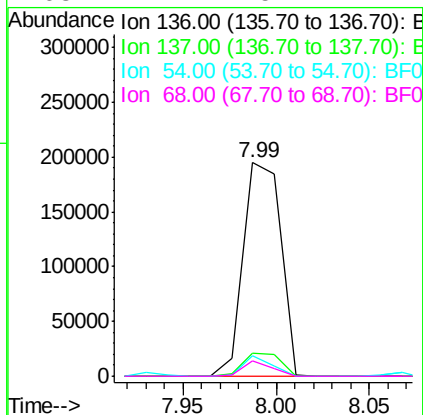
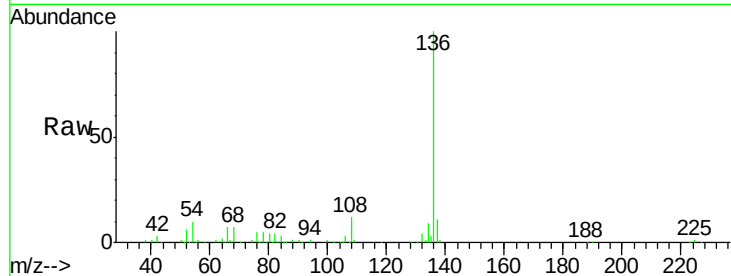
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	272311		
137	11.0	9.1	13.7	
54	9.6	6.6	10.0	
68	7.4	5.1	7.7	

Manual Integrations

SOHIL

7/13/2016 9:25:30 AM



#22

Acetophenone

Concen: 42.45 ng

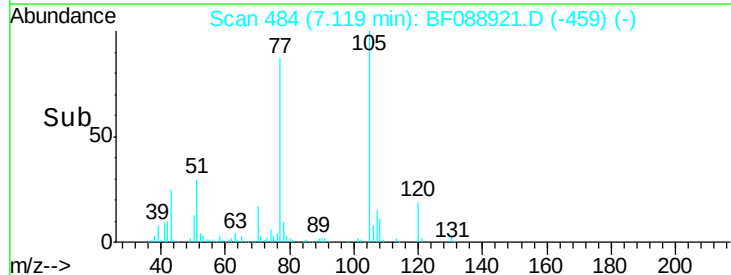
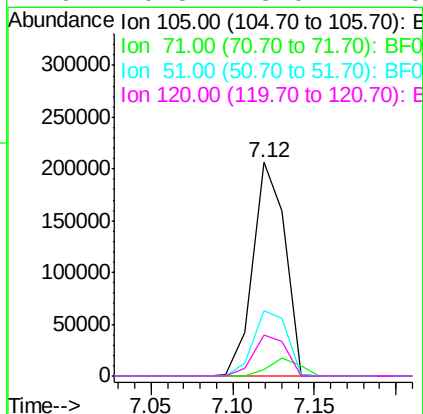
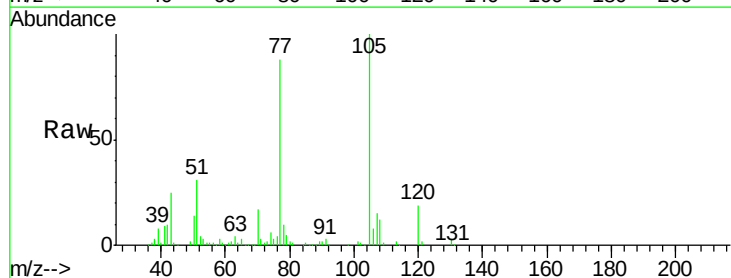
RT: 7.12 min Scan# 484

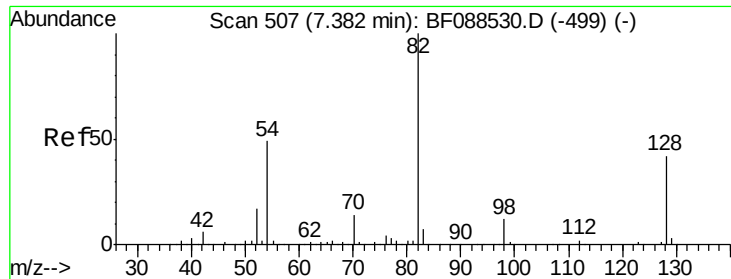
Delta R.T. -0.01 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	280569		
71	2.8	5.3	7.9#	
51	30.7	18.2	27.4#	
120	19.3	18.0	27.0	





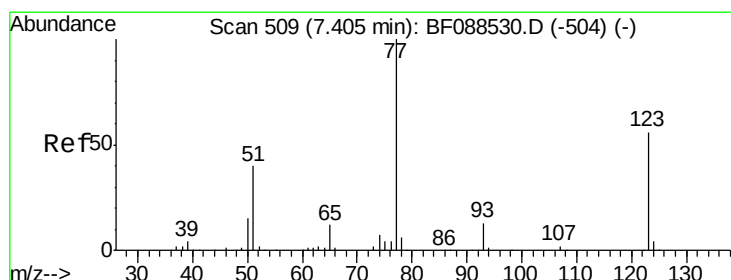
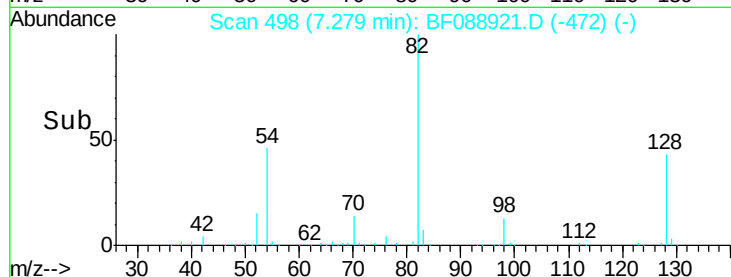
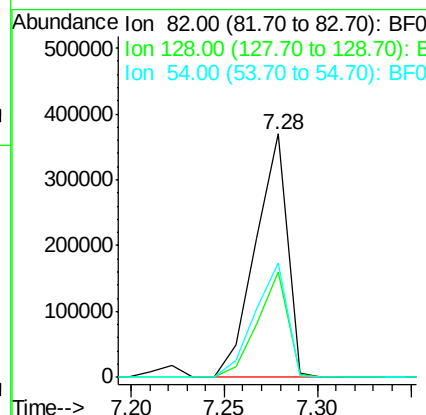
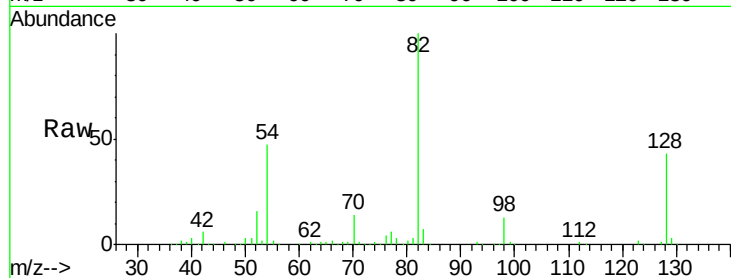
#23
 Nitrobenzene-d5
 Concen: 83.88 ng
 RT: 7.28 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: BF088921.D
 Acq: 12 Jul 2016 13:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.9	53.9
54	46.8	40.9	61.3

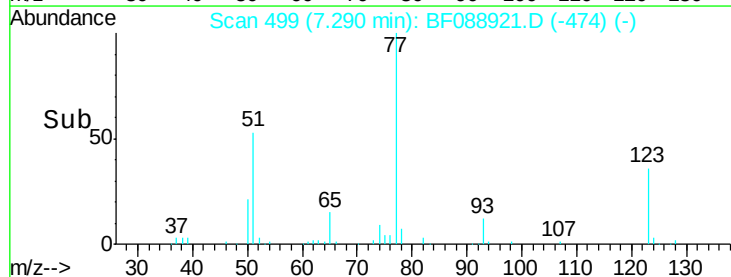
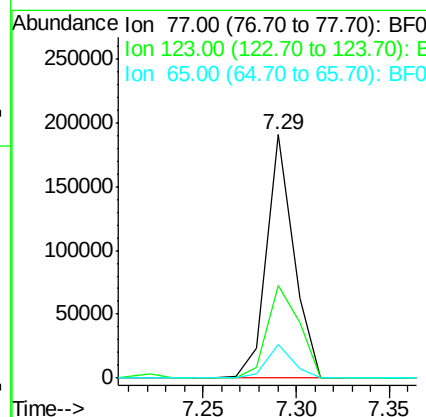
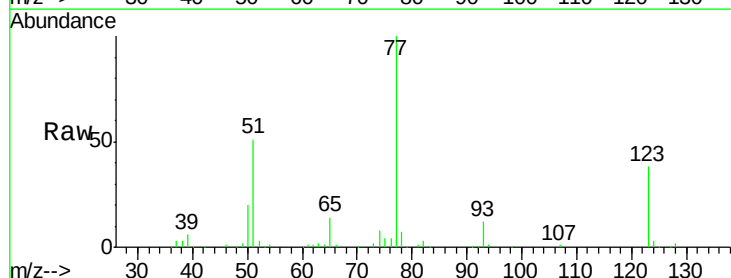
Manual Integrations

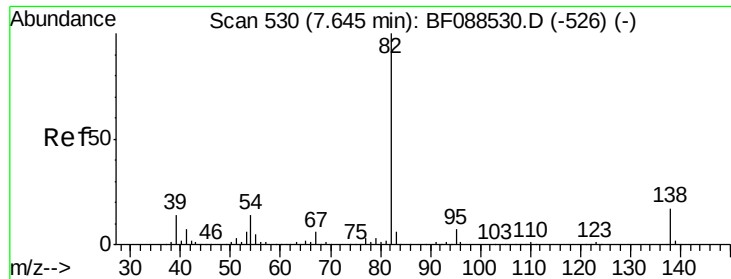
SOHIL
 7/13/2016 9:25:30 AM



#24
 Nitrobenzene
 Concen: 36.41 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF088921.D
 Acq: 12 Jul 2016 13:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.9	45.0	67.4#
65	14.1	10.2	15.2





#25

Isophorone

Concen: 40.63 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

Instrument :

BNA_F

ClientSampleId :

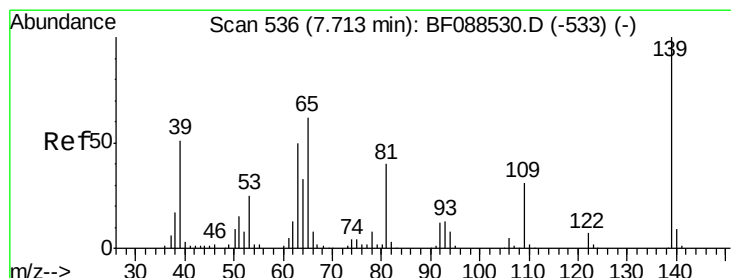
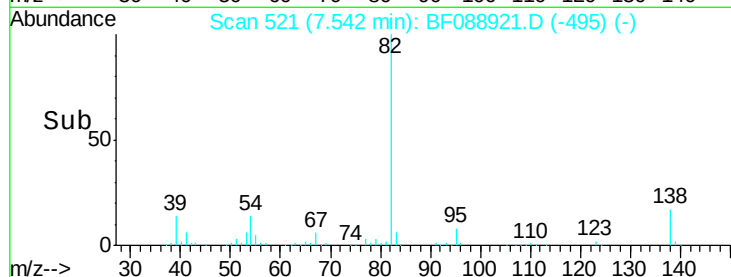
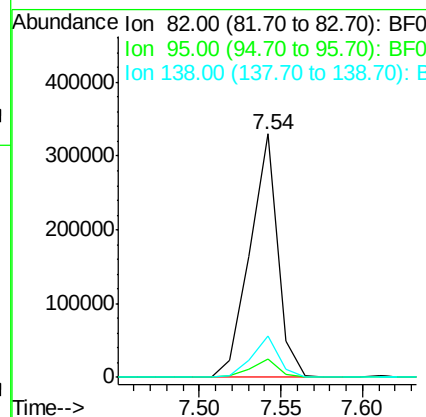
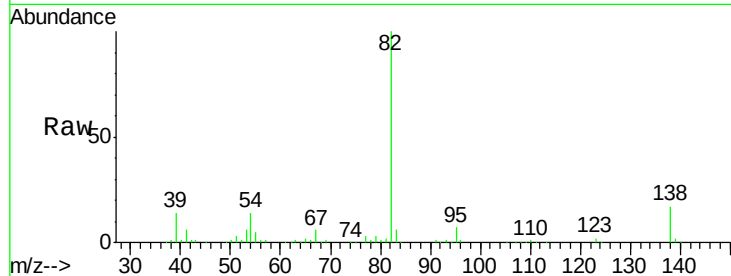
SSTDCCC040

Tgt Ion:	82	Resp:	391076
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.4	8.2
138	17.1	14.6	21.8

Manual Integrations

SOHIL

7/13/2016 9:25:30 AM



#26

2-Nitrophenol

Concen: 47.08 ng

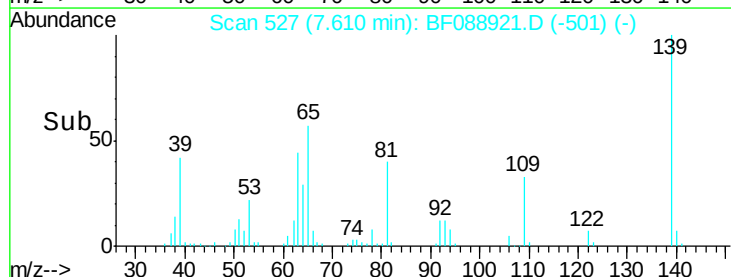
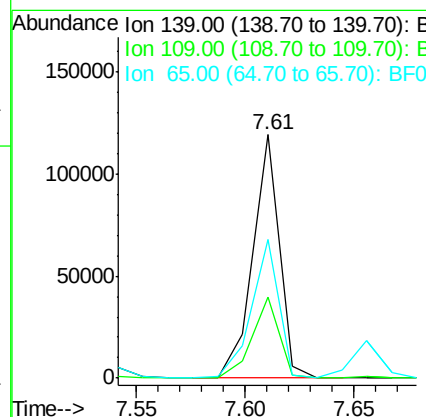
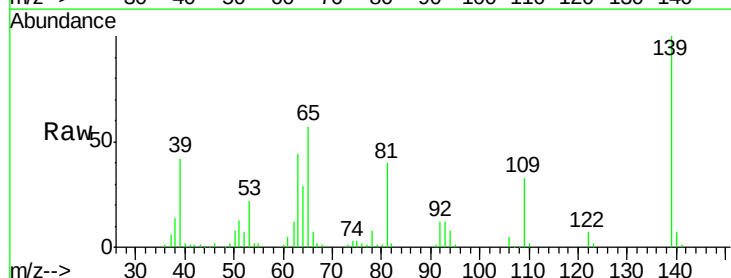
RT: 7.61 min Scan# 527

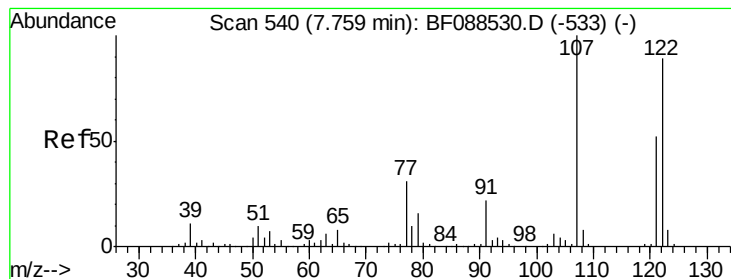
Delta R.T. 0.00 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

Tgt Ion:	139	Resp:	101139
Ion Ratio	Lower	Upper	
139	100		
109	33.2	23.0	34.4
65	56.9	45.8	68.8





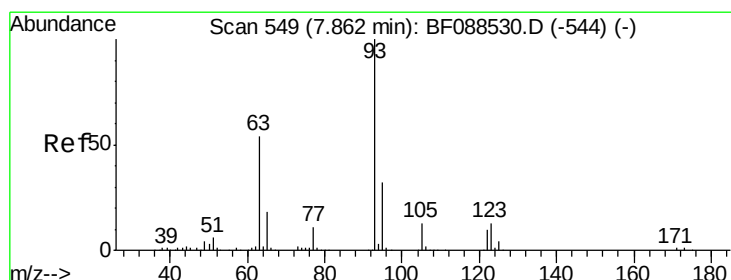
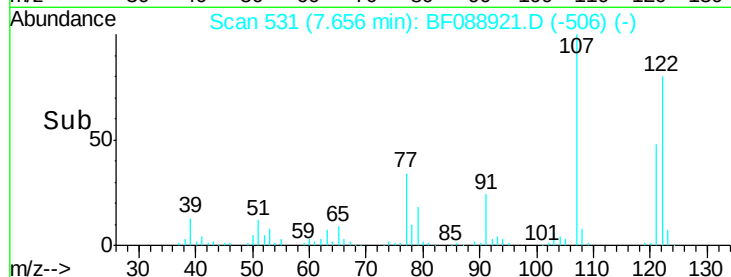
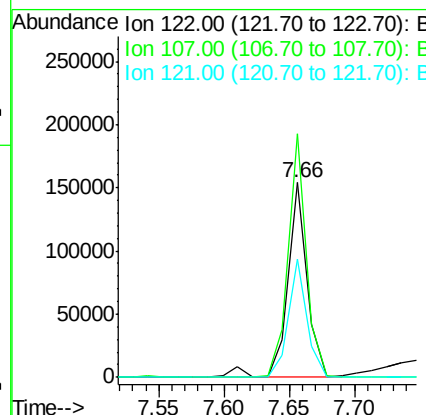
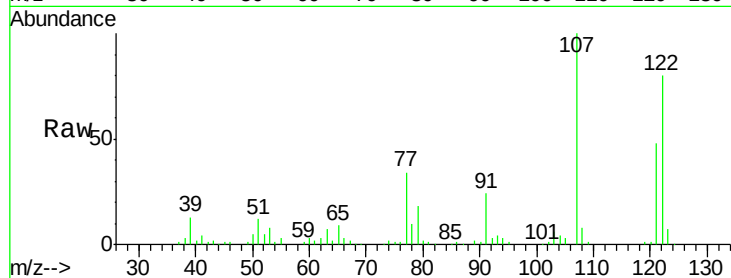
#27
2,4-Dimethylphenol
Concen: 36.48 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
122	100		
107	125.0	82.4	123.6#
121	60.5	46.3	69.5

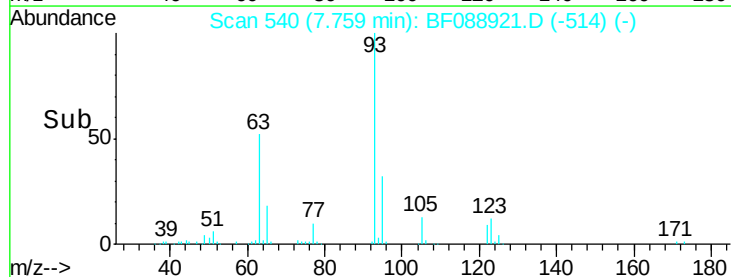
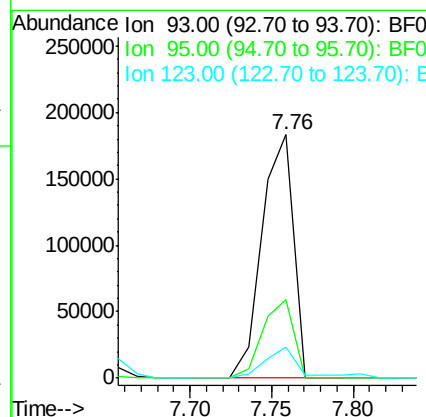
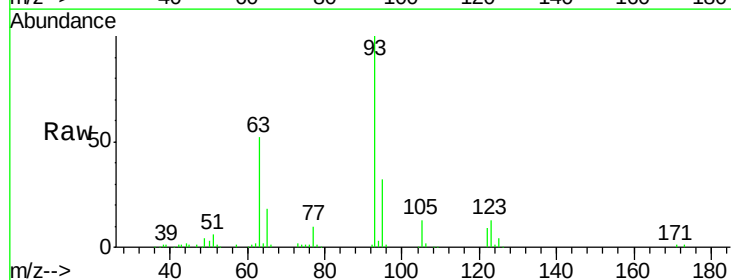
Manual Integrations

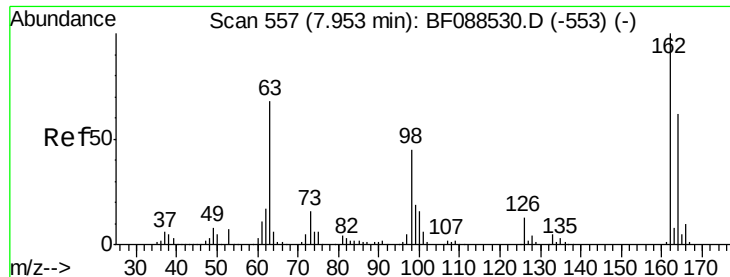
SOHIL
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#28
bis(2-Chloroethoxy)methane
Concen: 39.12 ng
RT: 7.76 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.5	39.7
123	12.6	11.6	17.4





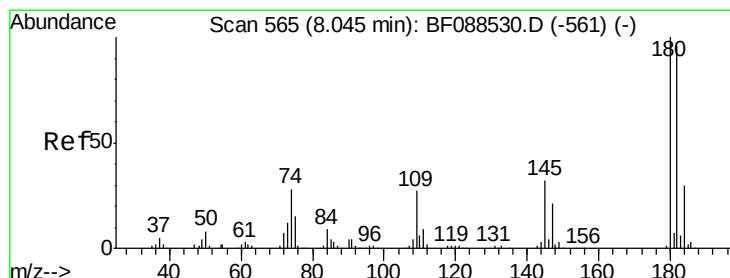
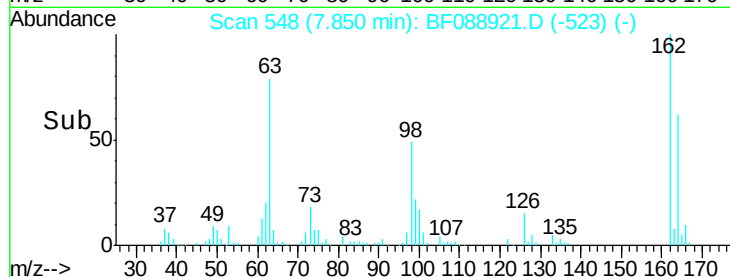
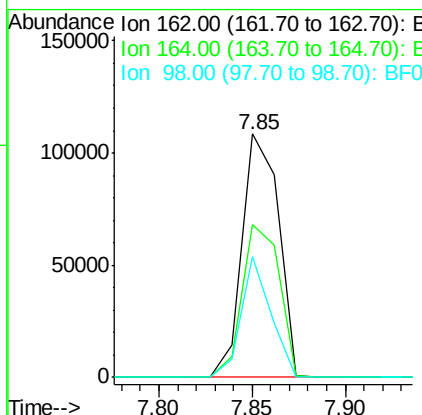
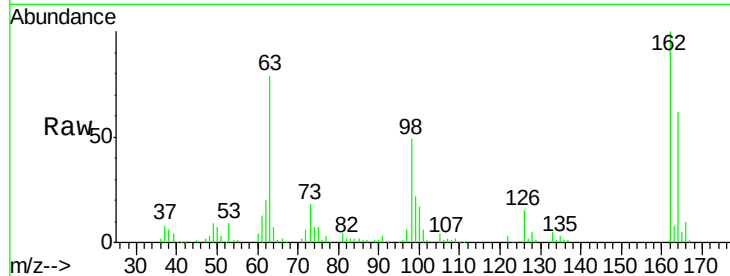
#29
 2,4-Dichlorophenol
 Concen: 40.57 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF088921.D
 Acq: 12 Jul 2016 13:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	162	Resp:	146706
Ion Ratio	Lower	Upper	
162	100		
164	62.5	43.8	83.8
98	49.4	21.3	61.3

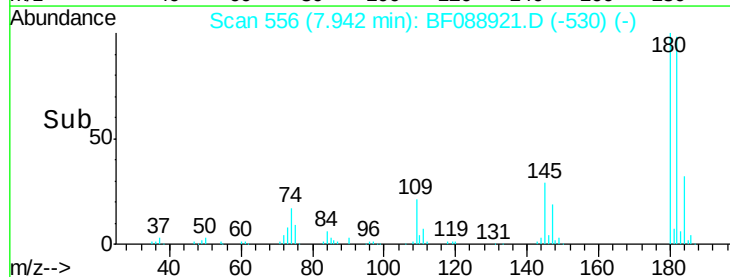
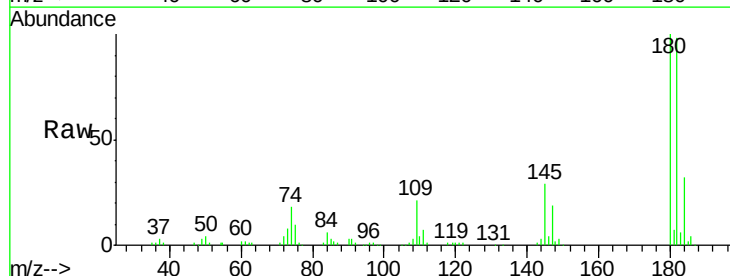
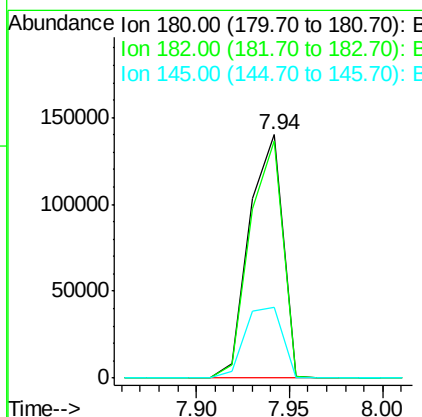
Manual Integrations

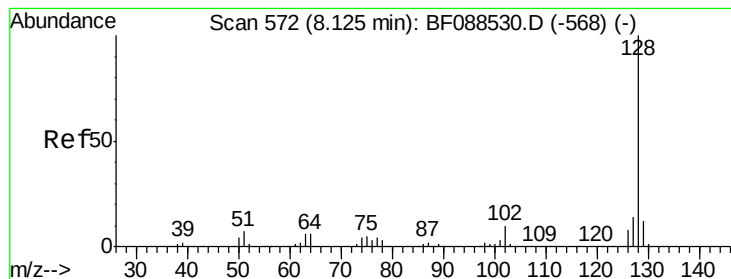
SOHIL
 7/13/2016 9:25:30 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.71 ng
 RT: 7.94 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF088921.D
 Acq: 12 Jul 2016 13:28

Tgt Ion:	180	Resp:	173484
Ion Ratio	Lower	Upper	
180	100		
182	97.5	76.0	114.0
145	29.2	26.5	39.7





#31

Naphthalene

Concen: 40.85 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

Instrument :

BNA_F

ClientSampleId :

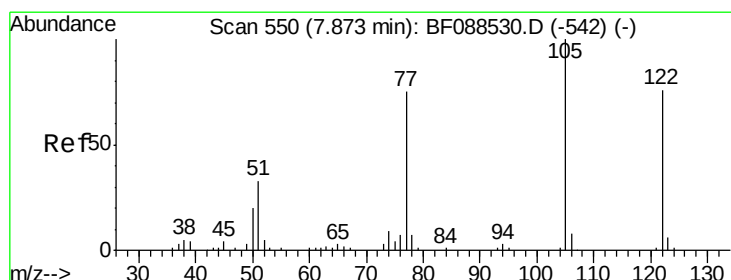
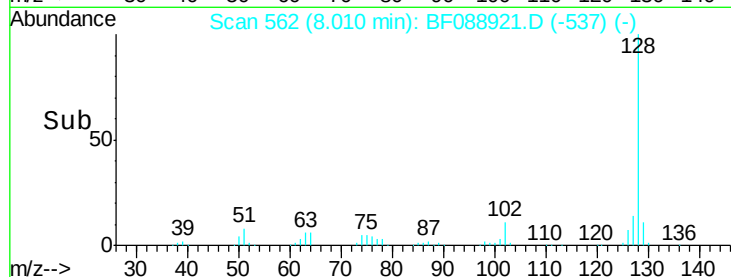
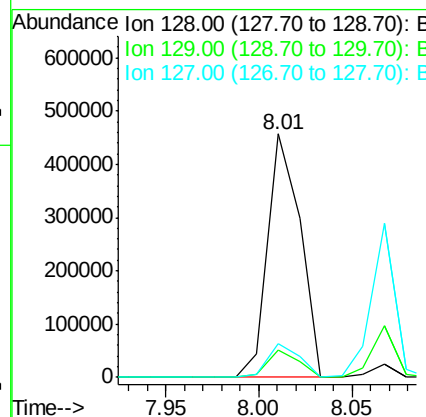
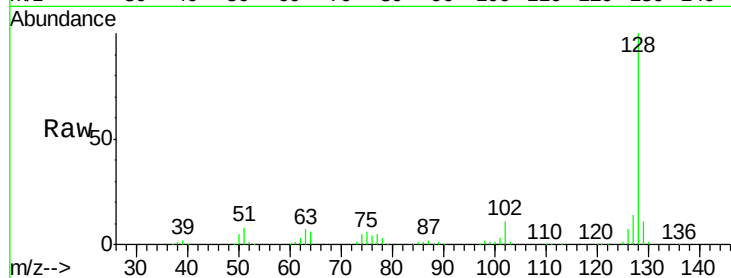
SSTDCCC040

Tgt Ion:	128	Resp:	548400
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.4	14.2
127	13.7	10.9	16.3

Manual Integrations

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#32

Benzoic acid

Concen: 40.61 ng

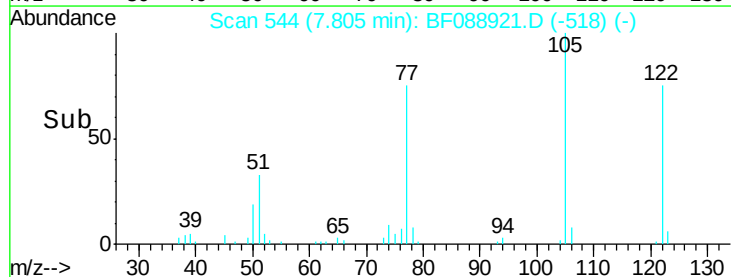
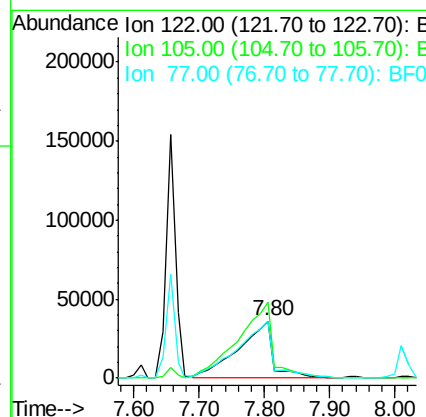
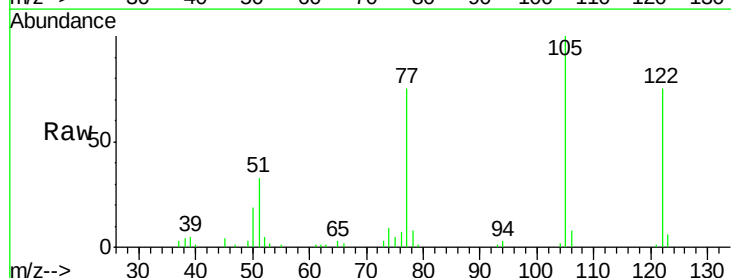
RT: 7.80 min Scan# 544

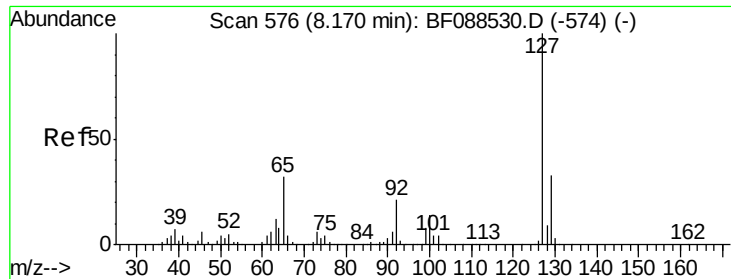
Delta R.T. 0.00 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

Tgt Ion:	122	Resp:	131922
Ion Ratio	Lower	Upper	
122	100		
105	133.4	101.6	141.6
77	100.1	70.6	110.6





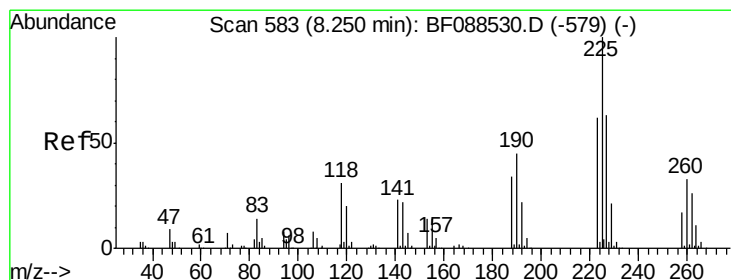
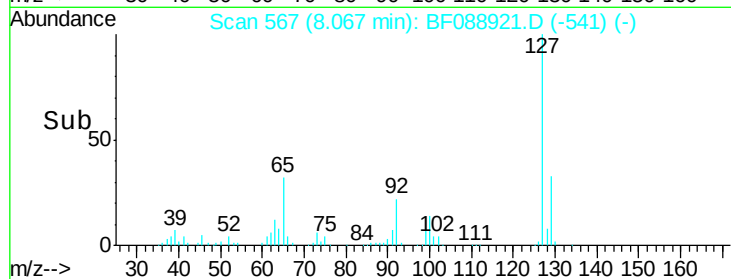
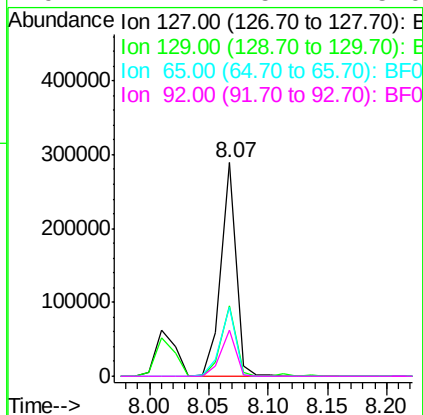
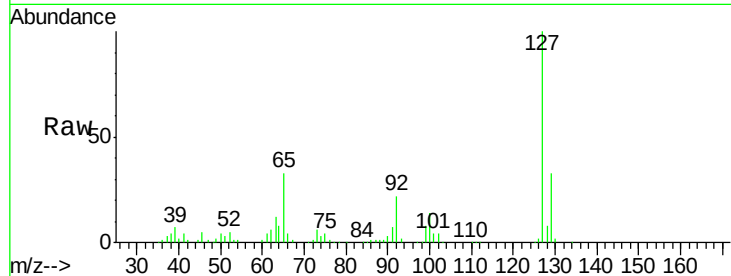
#33
4-Chloroaniline
Concen: 42.35 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.3	39.5
65	32.6	24.7	37.1
92	21.7	15.4	23.0

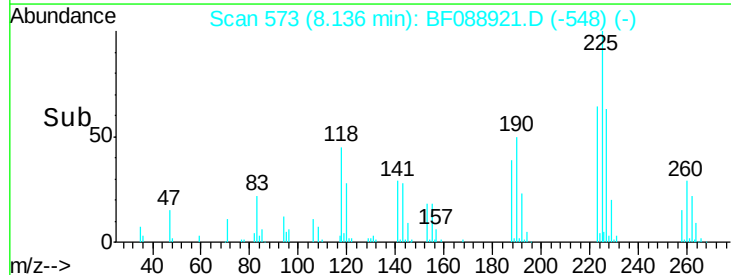
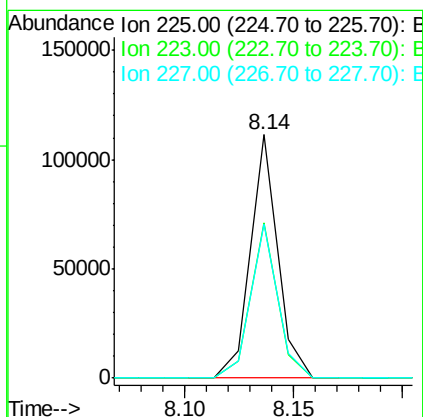
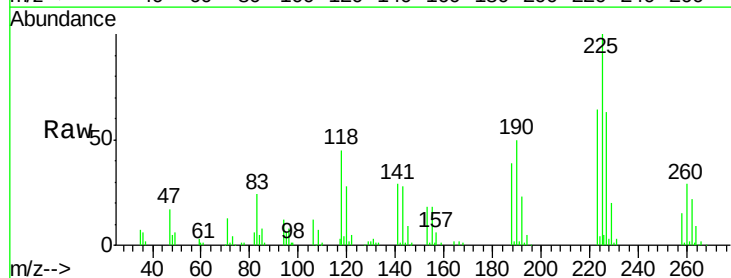
Manual Integrations

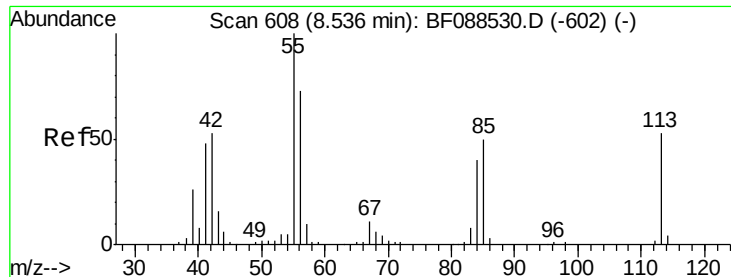
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#34
Hexachlorobutadiene
Concen: 45.73 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.9	76.3
227	63.5	51.9	77.9





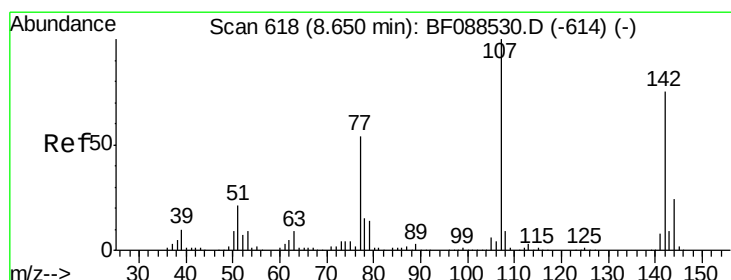
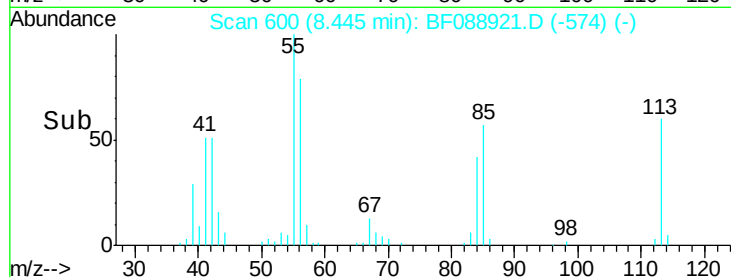
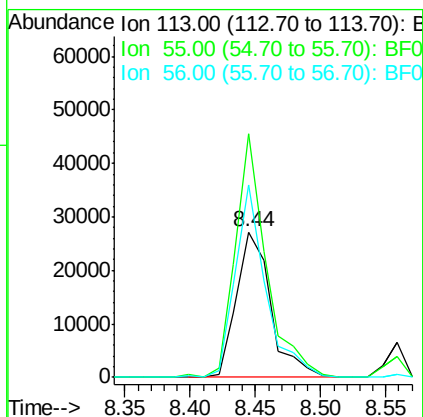
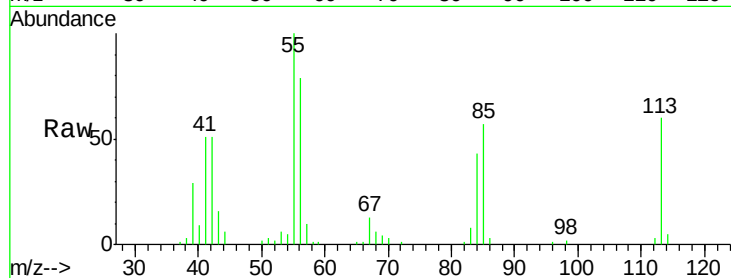
#35
 Caprolactam
 Concen: 40.54 ng
 RT: 8.44 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF088921.D
 Acq: 12 Jul 2016 13:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 49795
 Ion Ratio Lower Upper
 113 100
 55 167.2 158.6 198.6
 56 132.0 110.6 150.6

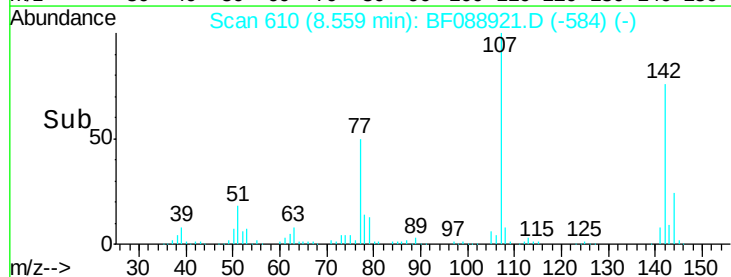
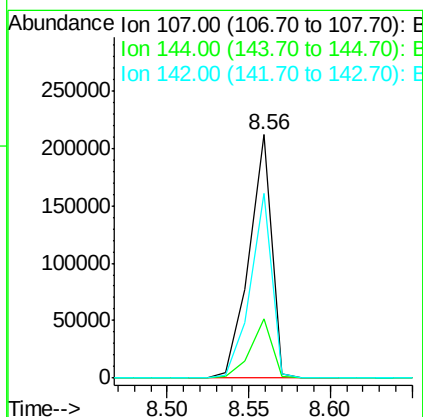
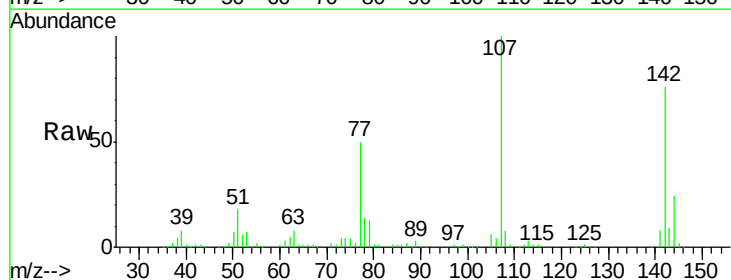
Manual Integrations

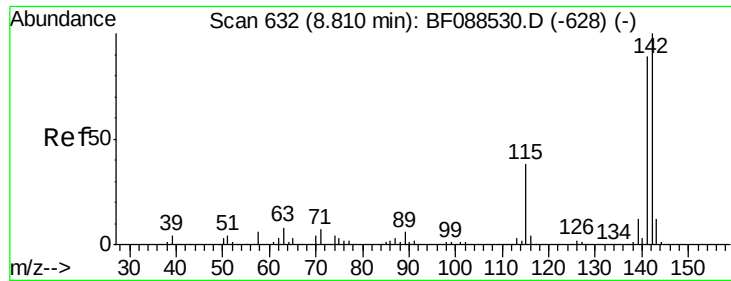
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#36
 4-Chloro-3-methylphenol
 Concen: 47.73 ng
 RT: 8.56 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF088921.D
 Acq: 12 Jul 2016 13:28

Tgt Ion:107 Resp: 204100
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.8 31.2
 142 75.8 63.4 95.2





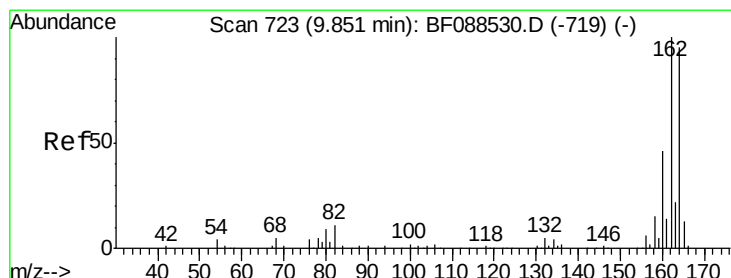
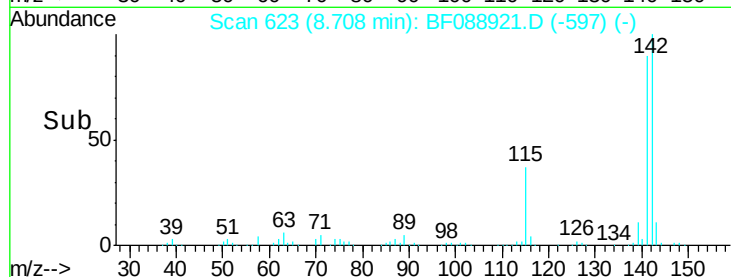
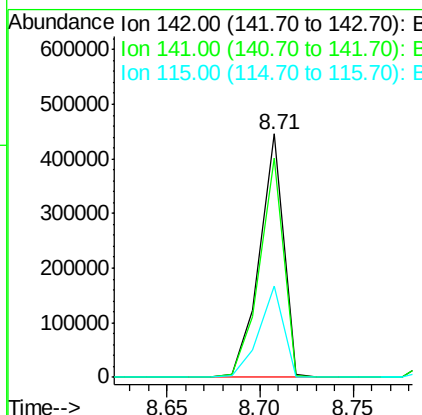
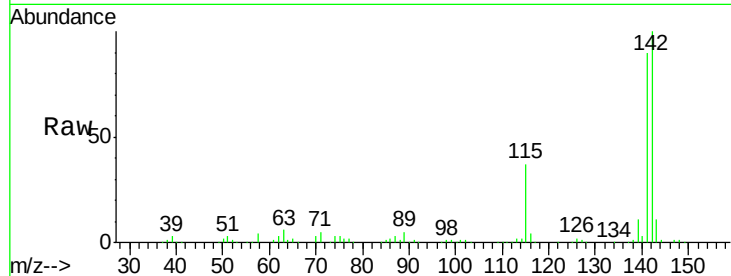
#37
2-Methylnaphthalene
Concen: 46.03 ng
RT: 8.71 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 397882
Ion Ratio Lower Upper
142 100
141 89.9 71.0 106.6
115 37.4 22.6 33.8#

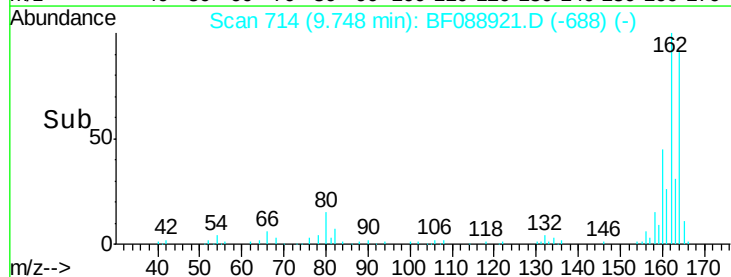
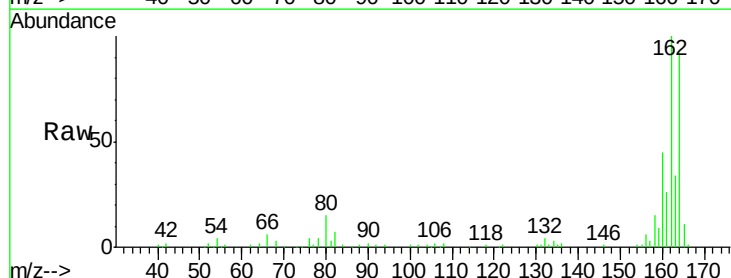
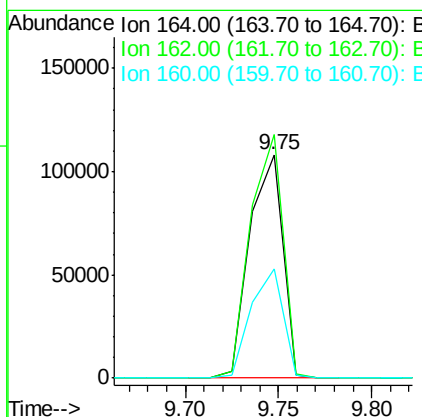
Manual Integrations

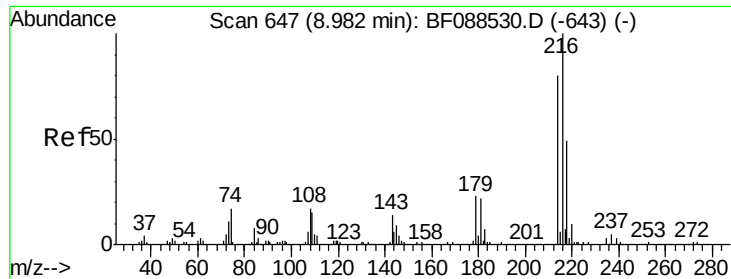
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Tgt Ion:164 Resp: 132533
Ion Ratio Lower Upper
164 100
162 108.9 85.4 128.2
160 48.8 39.5 59.3





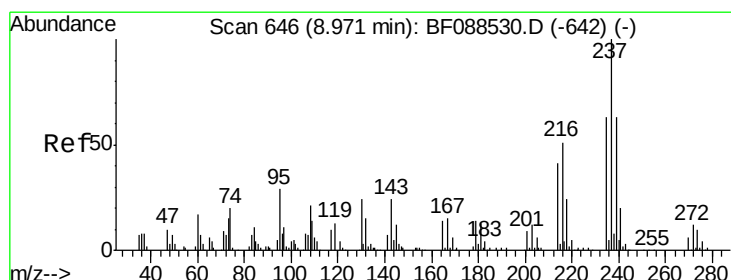
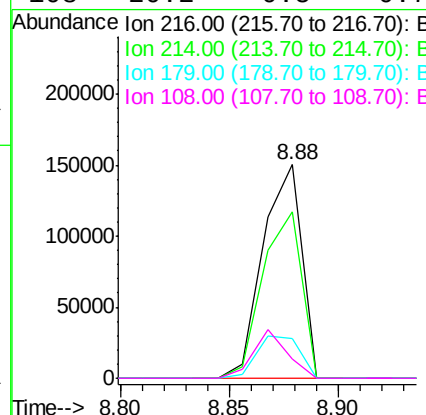
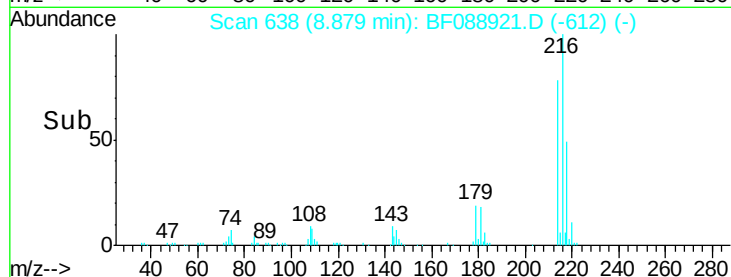
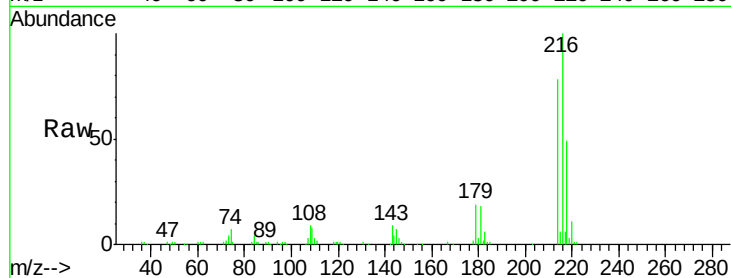
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.61 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF088921.D
 Acq: 12 Jul 2016 13:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	187813		
214	78.8	2.9	4.3#	
179	22.3	0.0	0.0#	
108	20.2	0.5	0.7#	

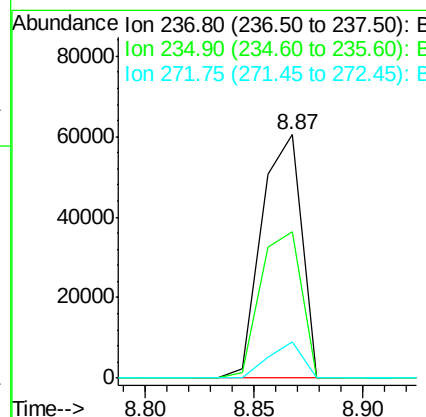
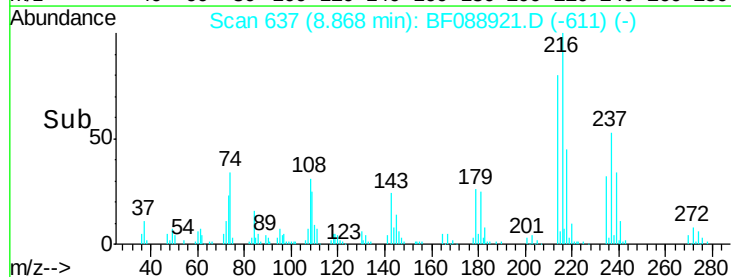
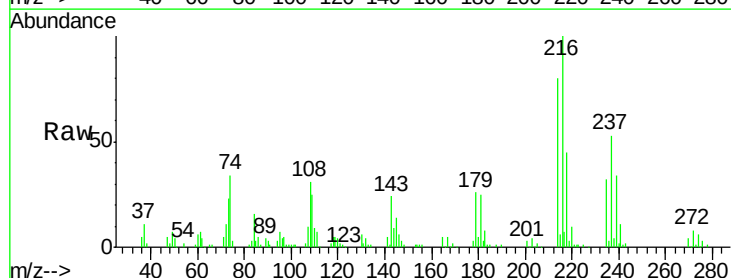
Manual Integrations

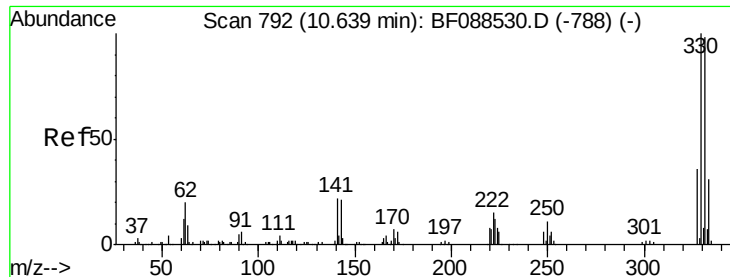
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#40
 Hexachlorocyclopentadiene
 Concen: 35.99 ng
 RT: 8.87 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF088921.D
 Acq: 12 Jul 2016 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	77875		
235	60.2	43.4	83.4	
272	14.7	0.0	32.3	





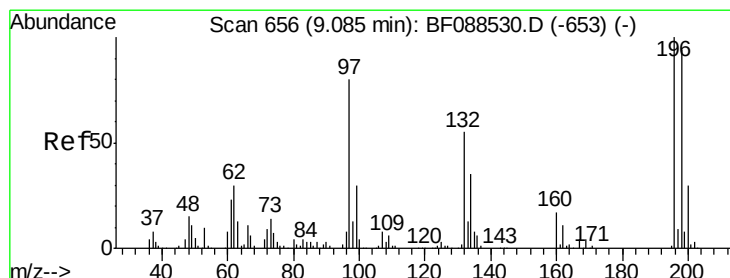
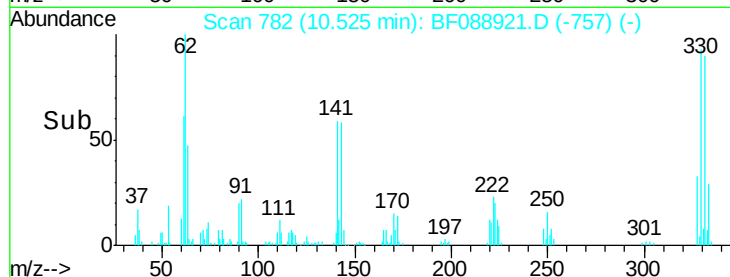
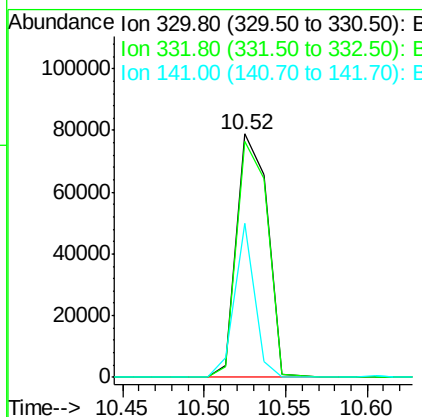
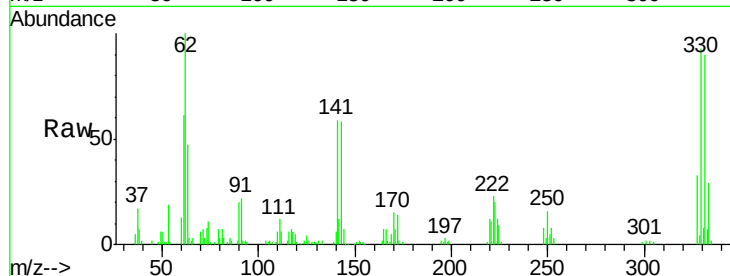
#41
 2,4,6-Tribromophenol
 Concen: 83.54 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088921.D
 Acq: 12 Jul 2016 13:28

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	102809		
332	97.2	0.0	0.0	0.0
141	40.8	0.0	0.0	0.0

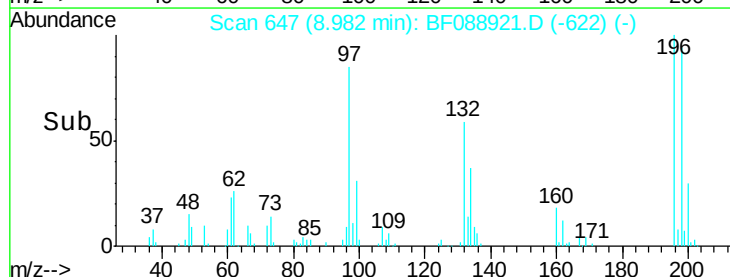
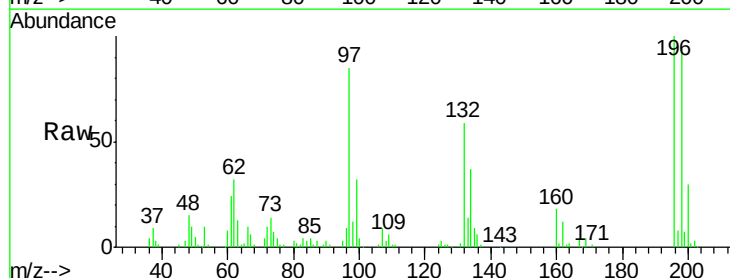
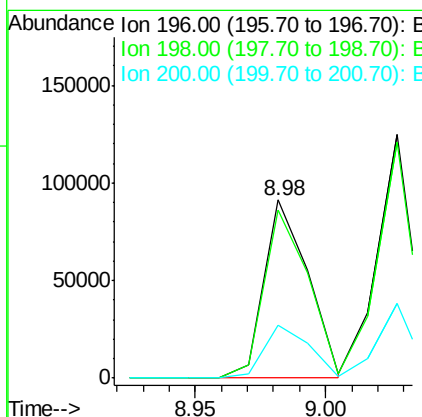
Manual Integrations

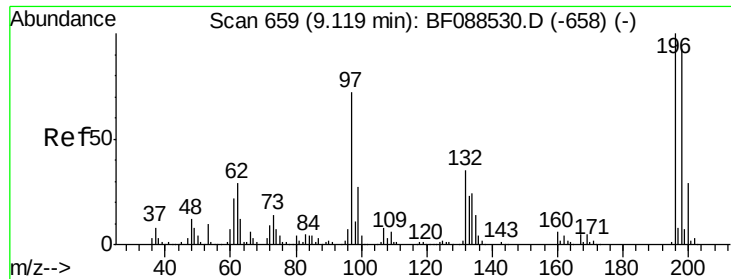
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#42
 2,4,6-Trichlorophenol
 Concen: 36.76 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF088921.D
 Acq: 12 Jul 2016 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	106842		
198	94.4	78.0	117.0	
200	29.7	25.4	38.2	





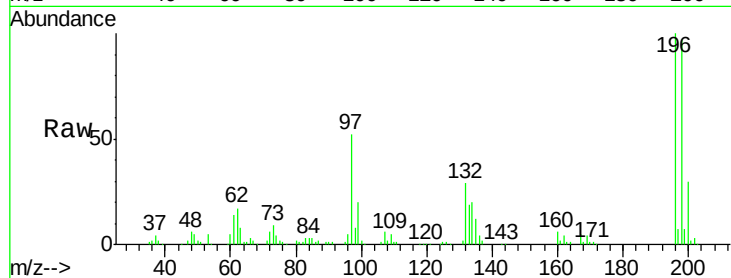
#43
2,4,5-Trichlorophenol
Concen: 45.66 ng
RT: 9.03 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

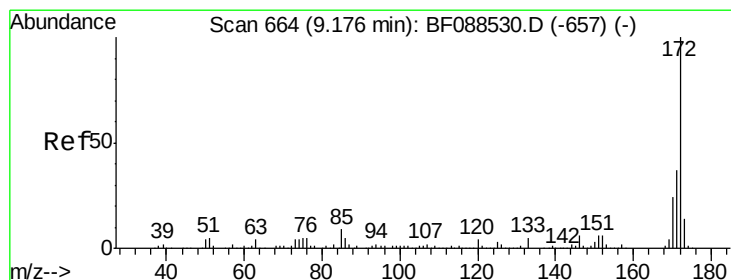
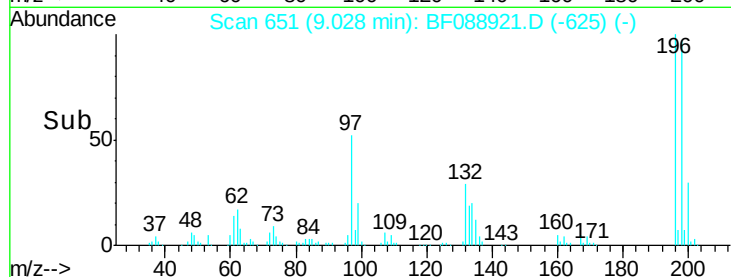
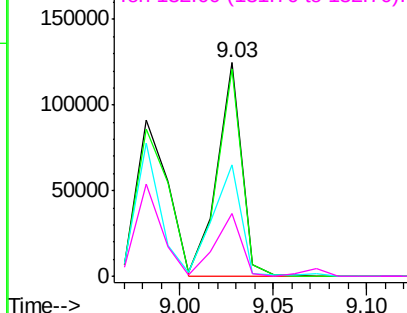
Tgt Ion	Ion	Resp	Lower	Upper
196	100			
198	97.1	77.5	116.3	
97	52.3	32.0	48.0	
132	29.2	20.9	31.3	

Manual Integrations

SOHIL
7/13/2016 9:25:30 AM



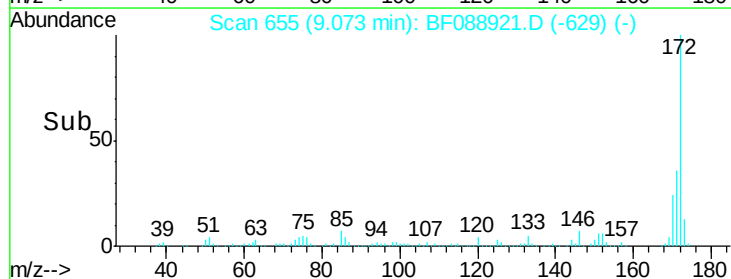
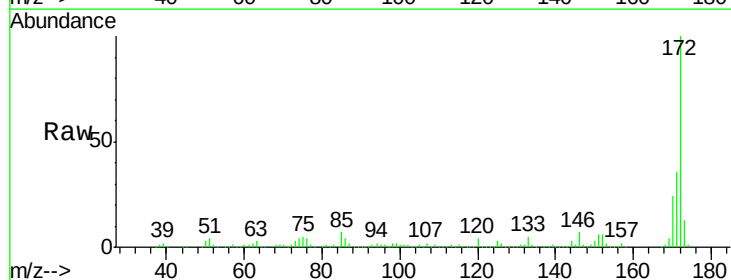
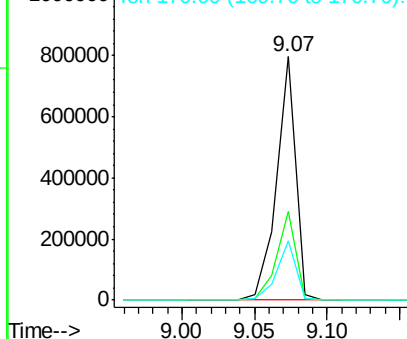
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

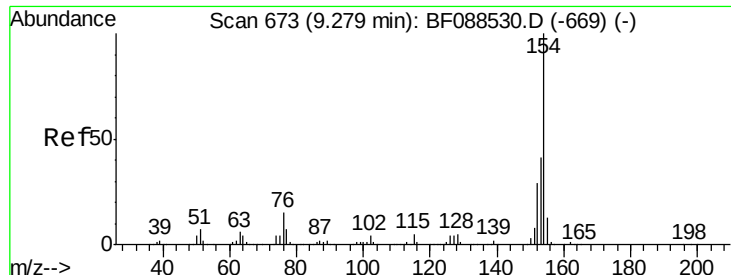


#44
2-Fluorobiphenyl
Concen: 86.48 ng
RT: 9.07 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Tgt Ion	Ion	Resp	Lower	Upper
172	100			
171	36.5	28.6	43.0	
170	24.2	19.2	28.8	

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.75 ng

RT: 9.18 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

Instrument :

BNA_F

ClientSampleId :

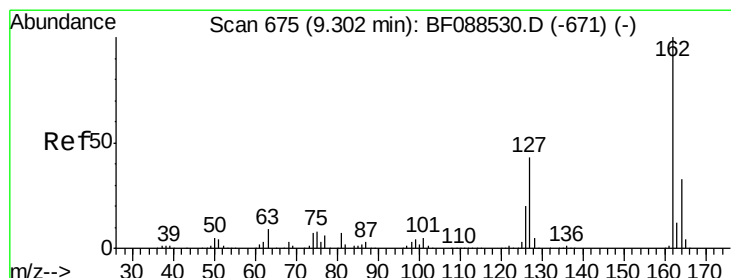
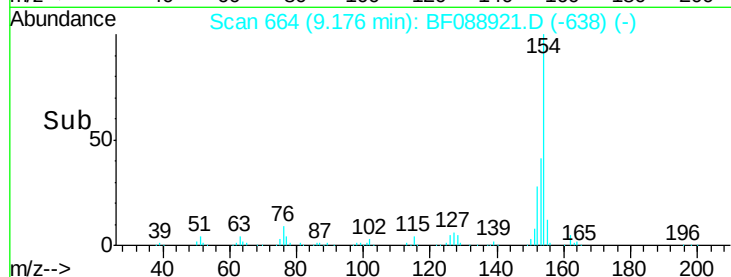
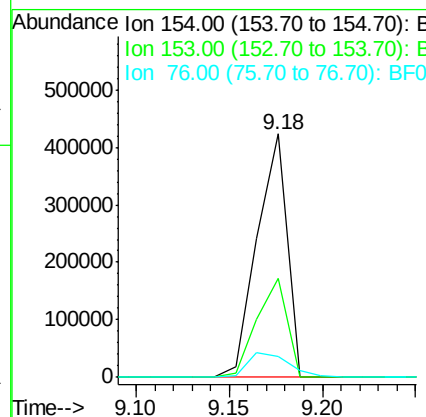
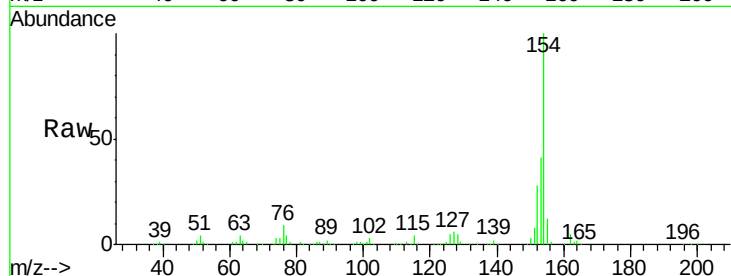
SSTDCCC040

Tgt Ion:	154	Resp:	469183
Ion Ratio	Lower	Upper	
154	100		
153	40.9	20.6	60.6
76	8.5	0.0	35.1

Manual Integrations

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#46

2-Chloronaphthalene

Concen: 39.00 ng

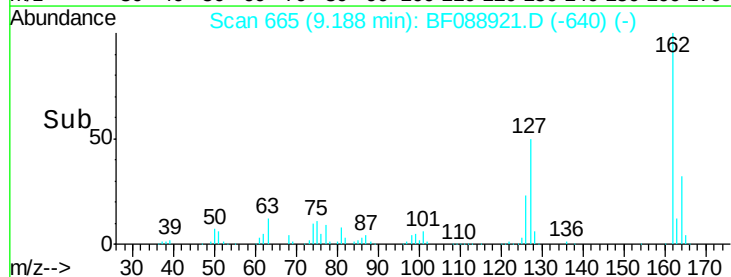
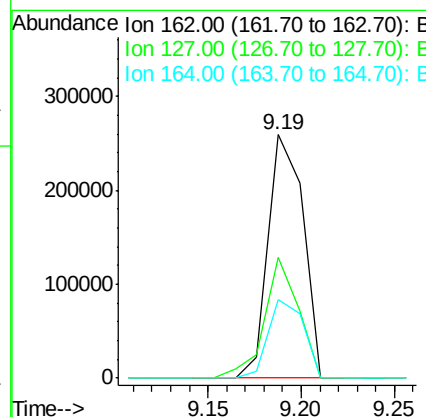
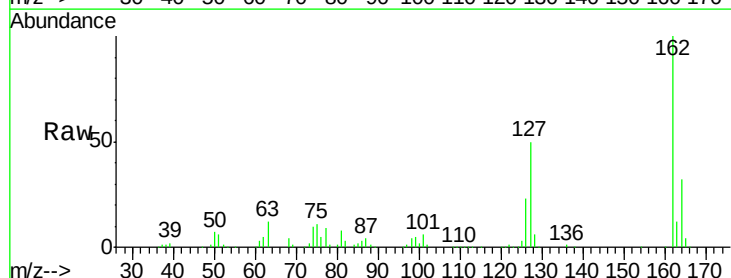
RT: 9.19 min Scan# 665

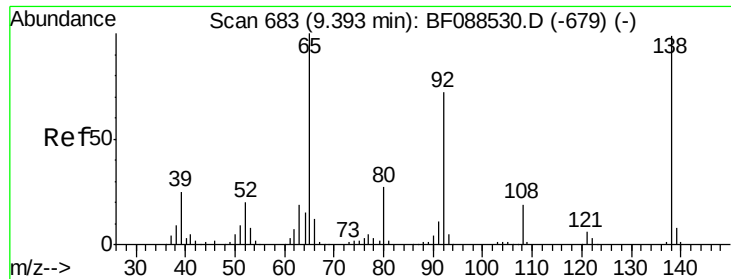
Delta R.T. -0.01 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

Tgt Ion:	162	Resp:	335968
Ion Ratio	Lower	Upper	
162	100		
127	49.8	35.2	52.8
164	32.4	26.6	39.8





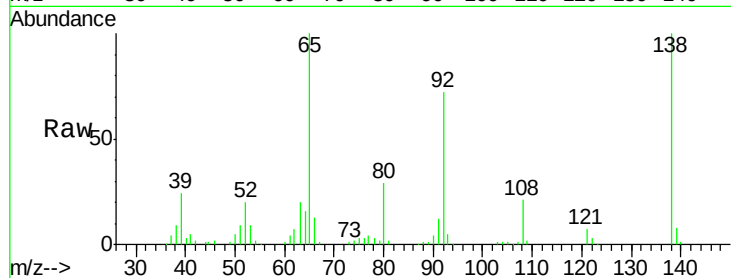
#47
2-Nitroaniline
Concen: 42.40 ng
RT: 9.29 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

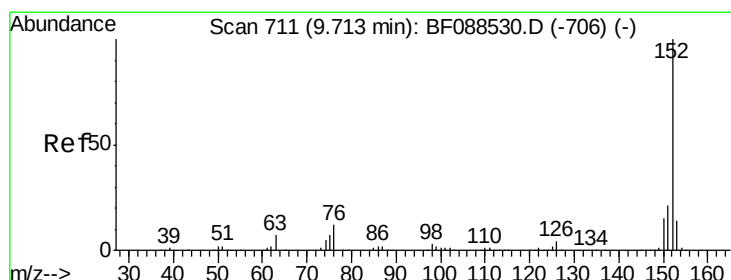
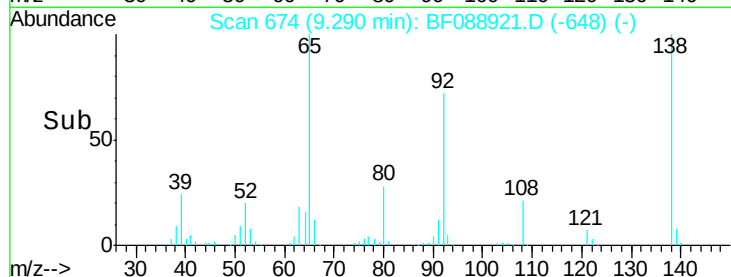
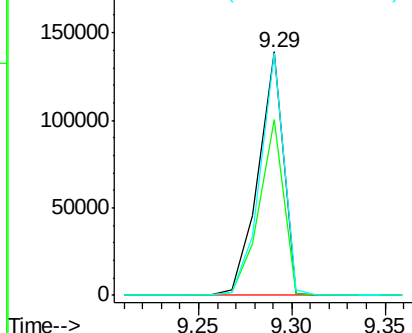
Tgt Ion: 65 Resp: 129645
Ion Ratio Lower Upper
65 100
92 72.1 54.6 82.0
138 99.6 77.0 115.4

Manual Integrations

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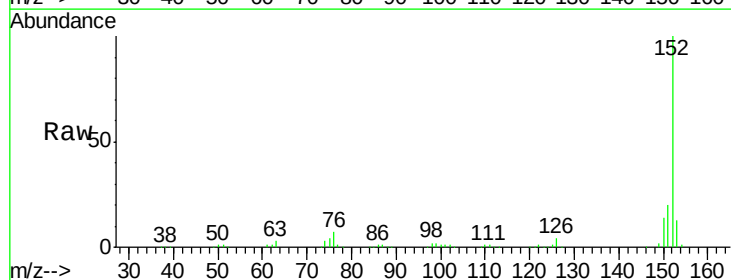


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

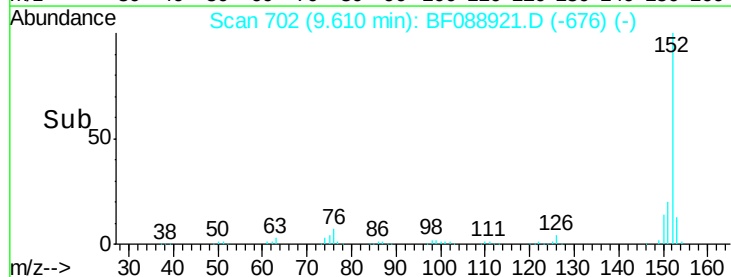
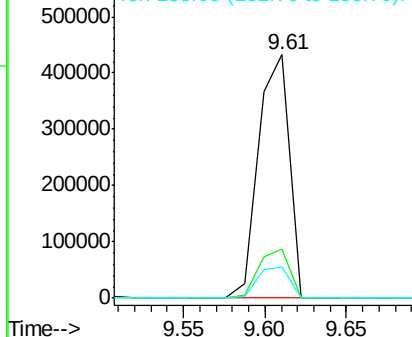


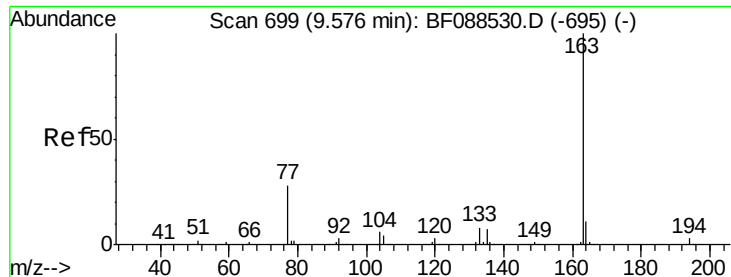
#48
Acenaphthylene
Concen: 41.40 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Tgt Ion: 152 Resp: 567602
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 12.7 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





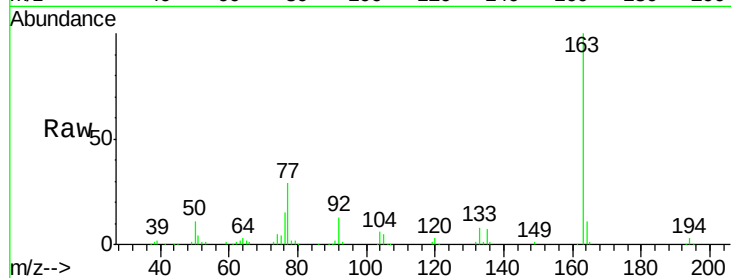
#49
Dimethylphthalate
Concen: 38.38 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

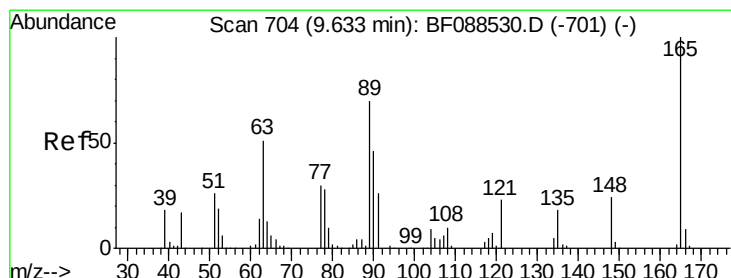
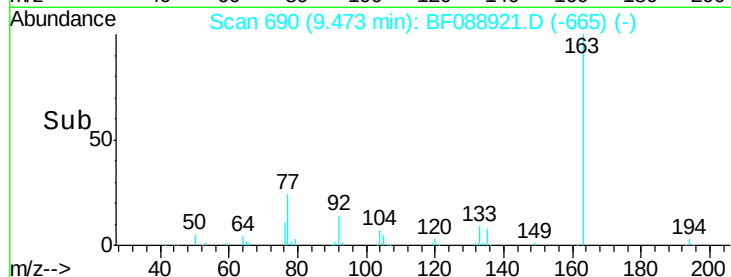
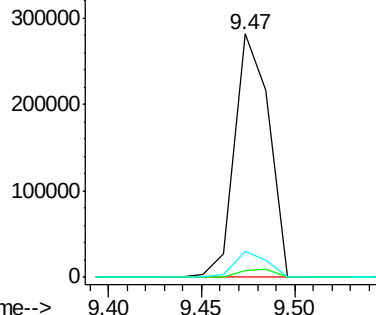
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	362388		
194	3.0		2.8	4.2
164	10.7		8.3	12.5

Manual Integrations

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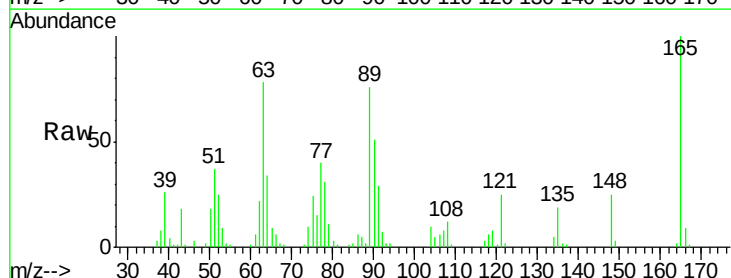


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

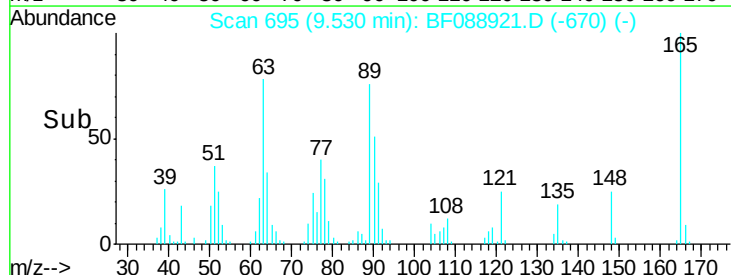
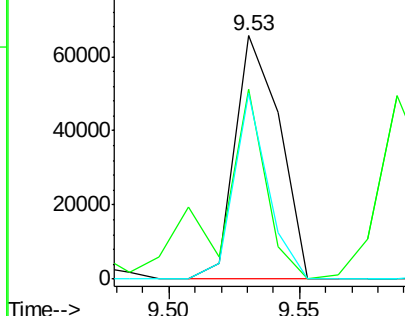


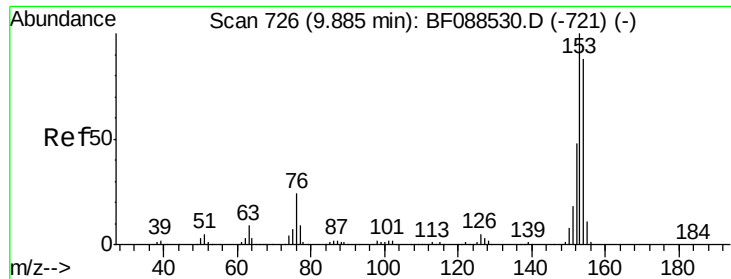
#50
2,6-Dinitrotoluene
Concen: 37.59 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	78673		
63	78.1		28.1	42.1#
89	76.4		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: 43.34 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

Instrument :

BNA_F

ClientSampleId :

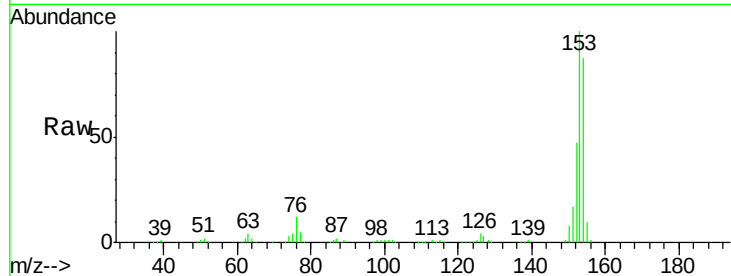
SSTDCCC040

Tgt Ion:	154	Resp:	364170
Ion Ratio	Lower	Upper	
154	100		
153	114.4	89.5	134.3
152	53.8	42.7	64.1

Manual Integrations

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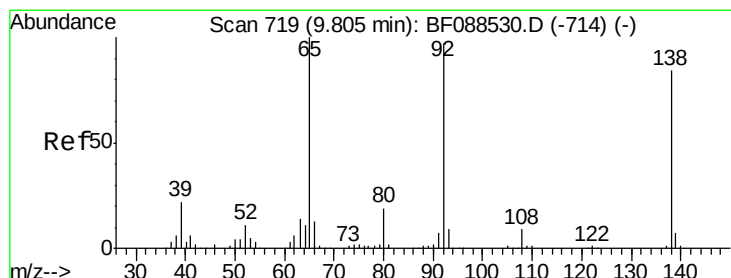
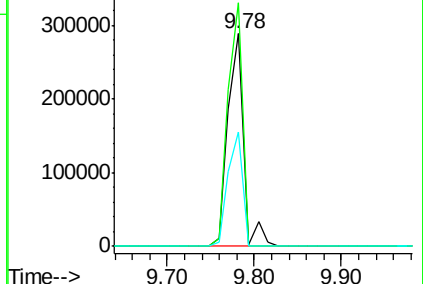
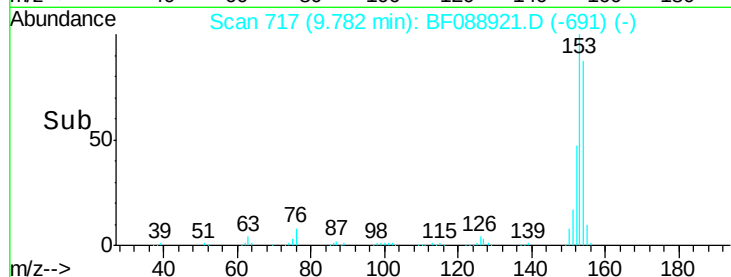
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.88 ng

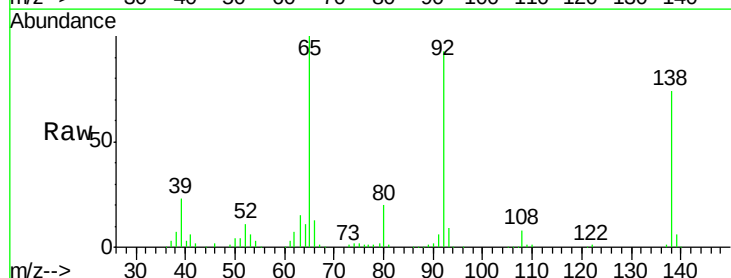
RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

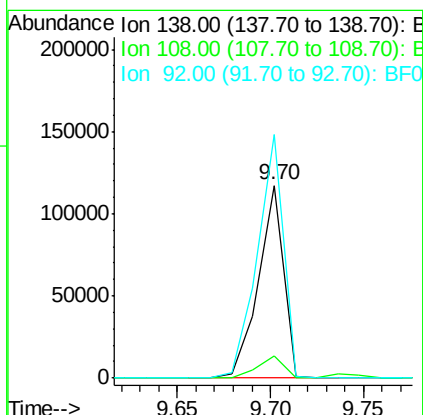
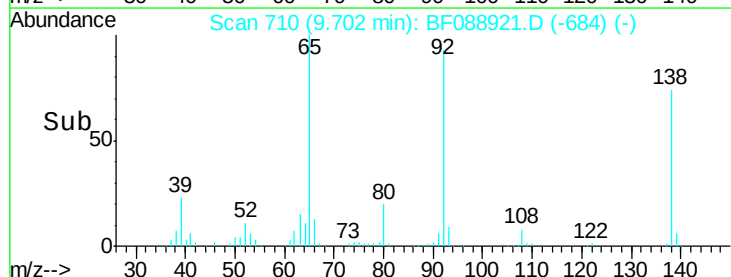
Tgt Ion:	138	Resp:	108751
Ion Ratio	Lower	Upper	
138	100		
108	11.4	8.5	12.7
92	126.5	95.7	143.5

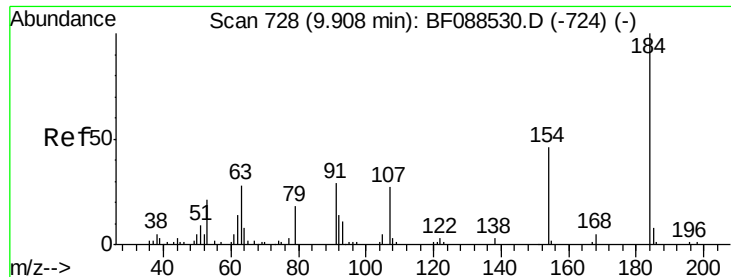


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





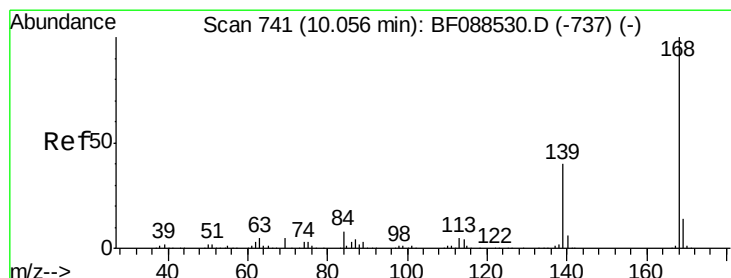
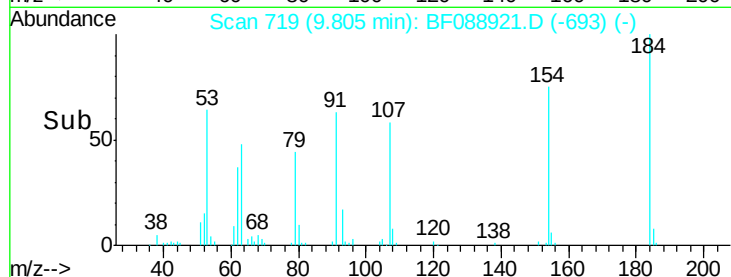
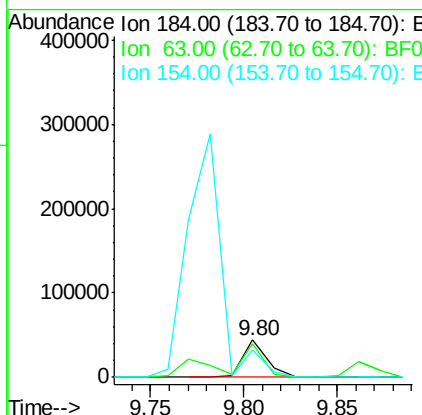
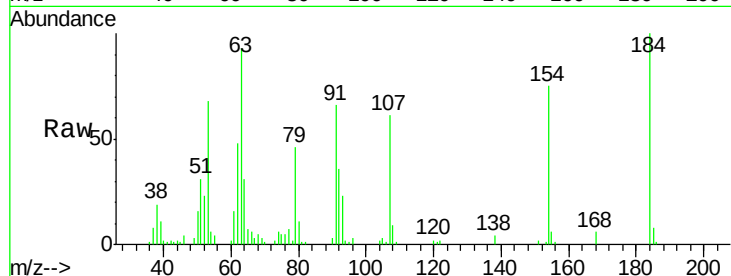
#53
2,4-Dinitrophenol
Concen: 43.35 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
184	100		
63	92.6	57.6	86.4#
154	75.3	53.5	80.3

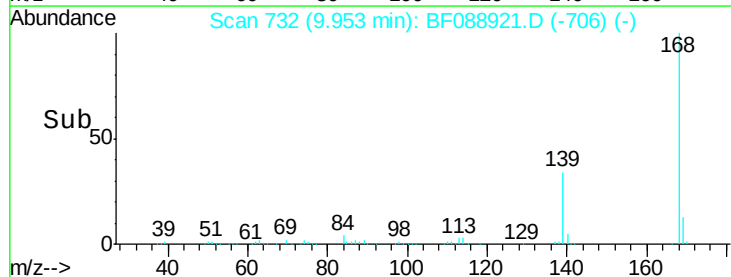
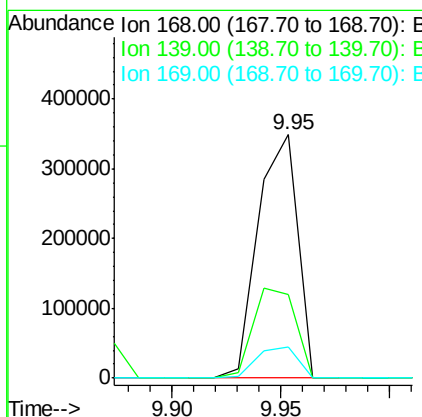
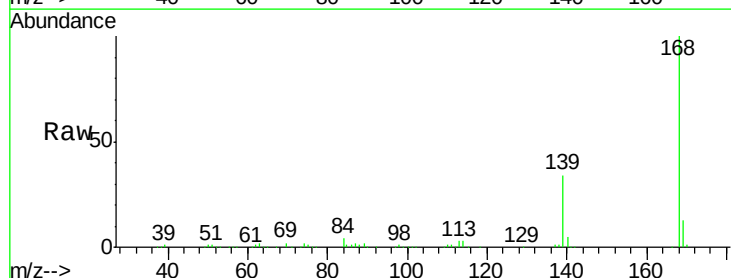
Manual Integrations

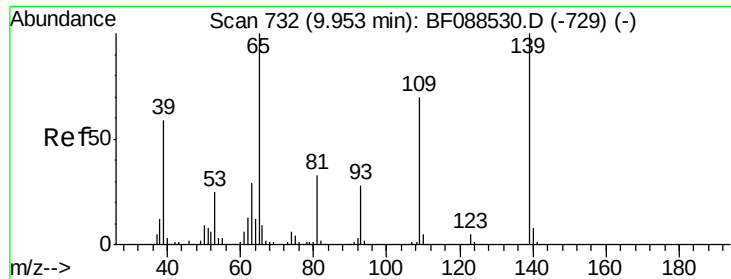
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#54
Dibenzofuran
Concen: 40.39 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.3	26.4	39.6
169	12.6	10.4	15.6





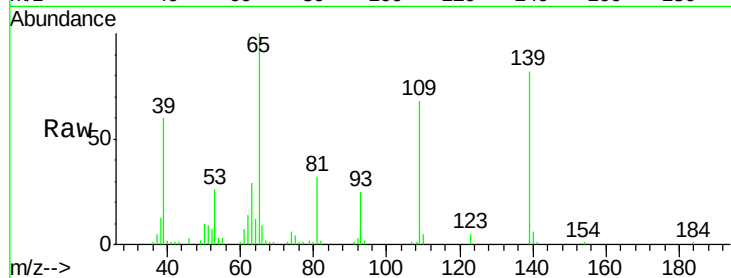
#55
4-Nitrophenol
Concen: 36.87 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

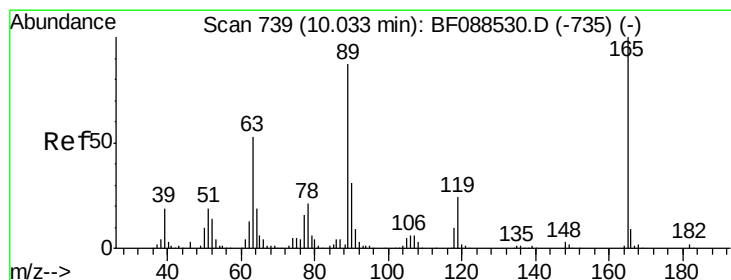
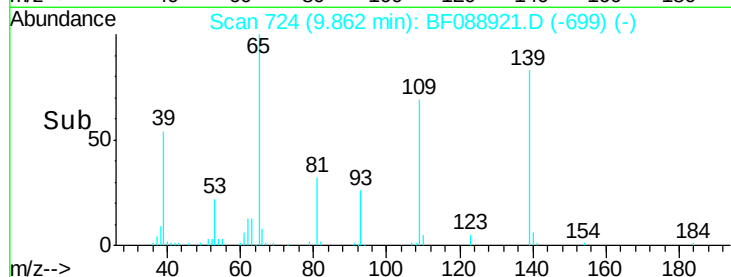
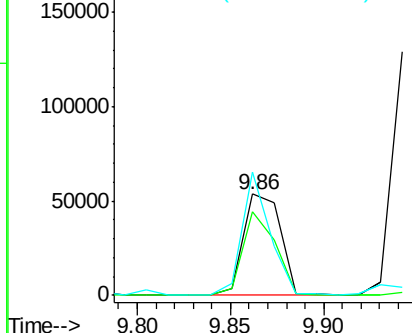
Tgt Ion:139 Resp: 74535
Ion Ratio Lower Upper
139 100
109 82.6 48.9 88.9
65 121.2 84.9 124.9

Manual Integrations

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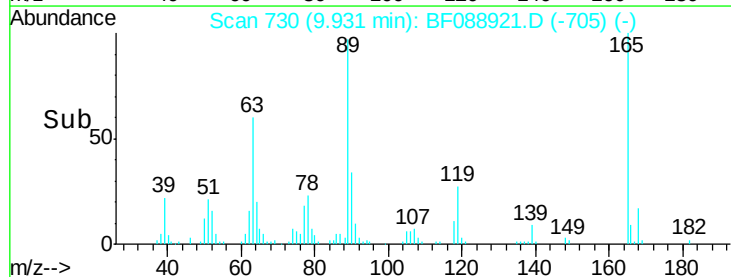
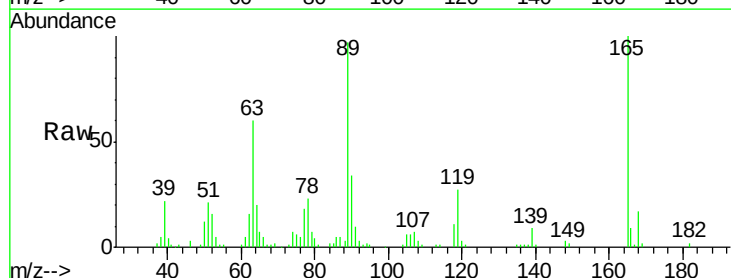
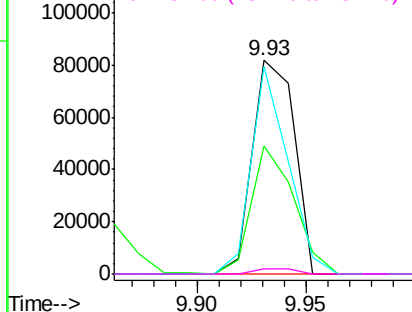
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

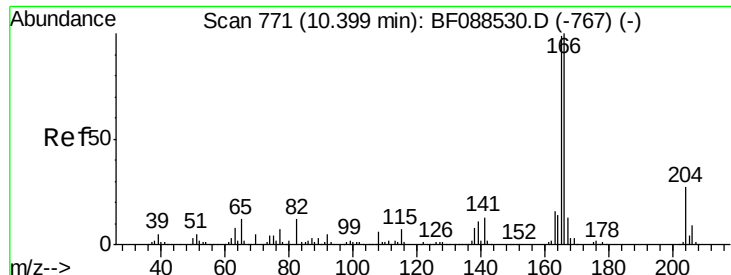


#56
2,4-Dinitrotoluene
Concen: 40.24 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Tgt Ion:165 Resp: 110087
Ion Ratio Lower Upper
165 100
63 60.1 22.0 33.0#
89 97.3 41.1 61.7#
182 2.4 2.0 3.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.23 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF088921.D

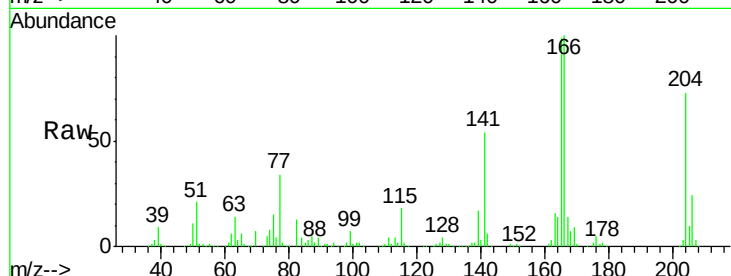
Acq: 12 Jul 2016 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:166 Resp: 324040

Ion Ratio Lower Upper

166 100

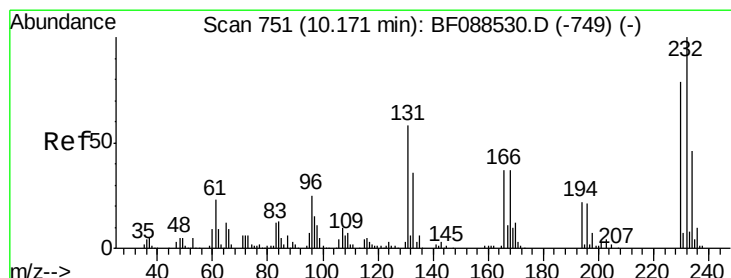
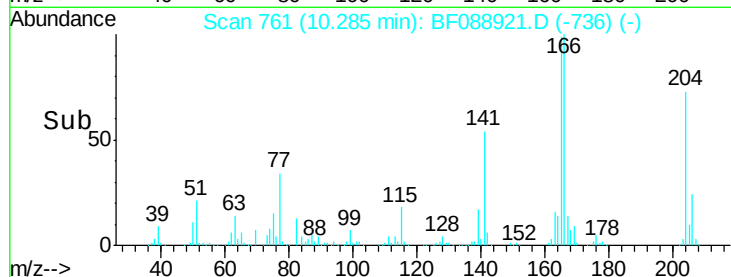
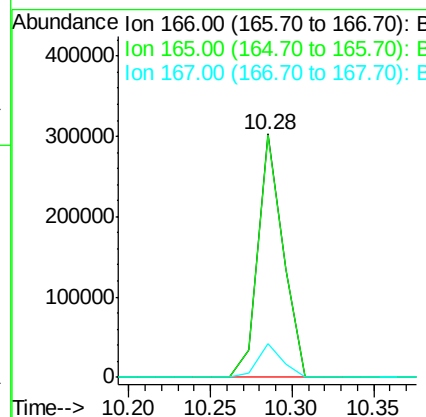
165 99.4 77.8 116.8

167 13.7 11.2 16.8

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.29 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

Tgt Ion:232 Resp: 81813

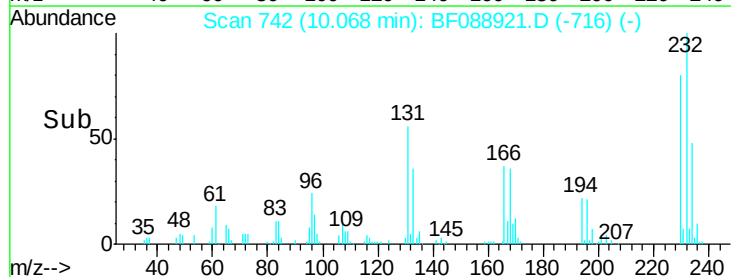
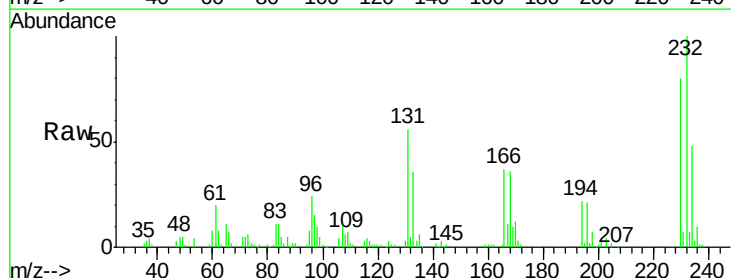
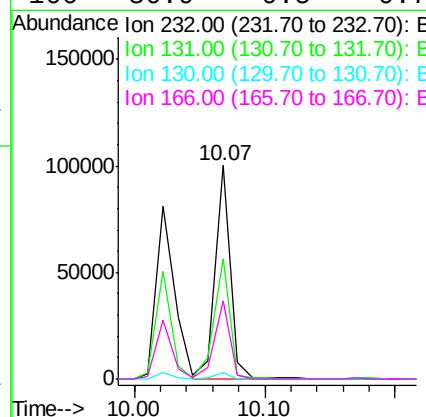
Ion Ratio Lower Upper

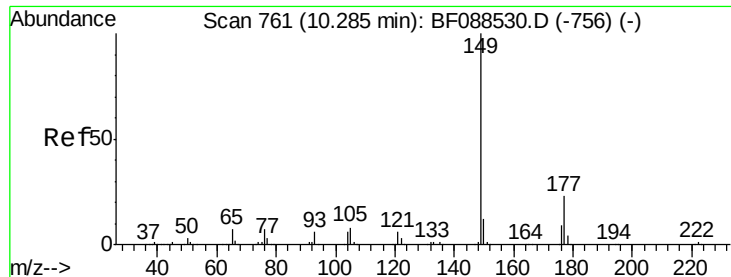
232 100

131 58.0 0.9 1.3#

130 3.2 1.5 2.3#

166 36.9 0.5 0.7#





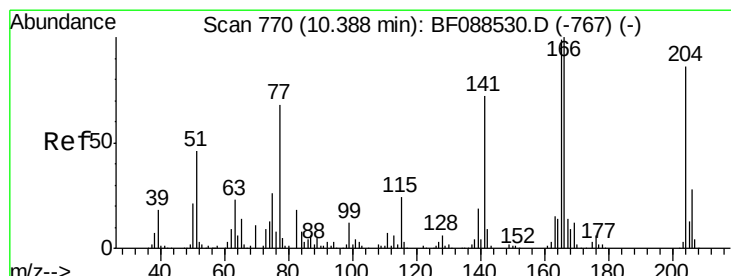
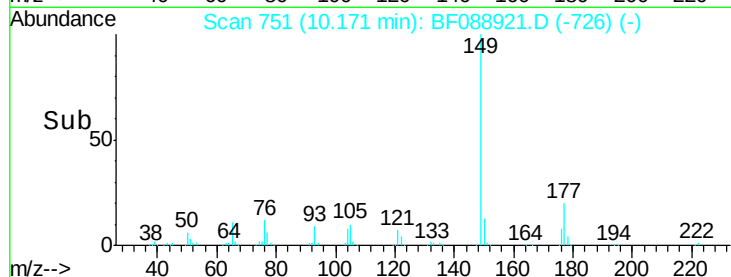
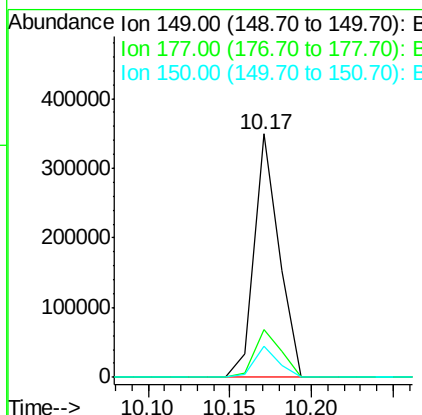
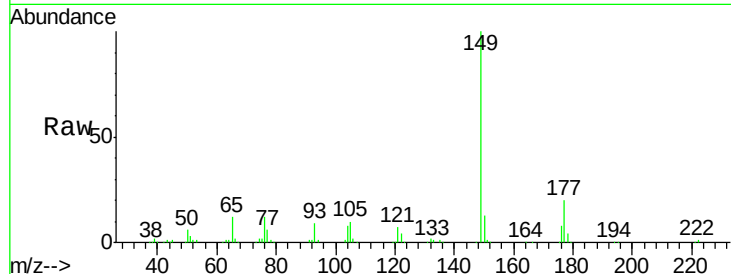
#59
Diethylphthalate
Concen: 39.04 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.5	16.9	25.3
150	12.6	10.1	15.1

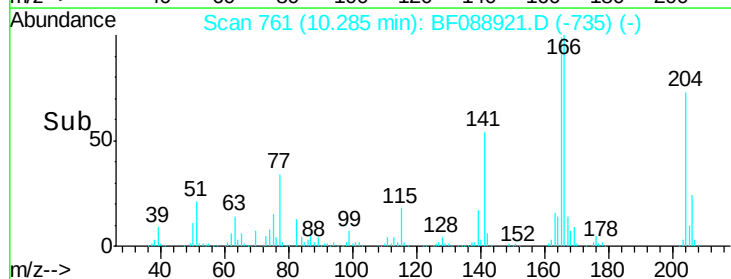
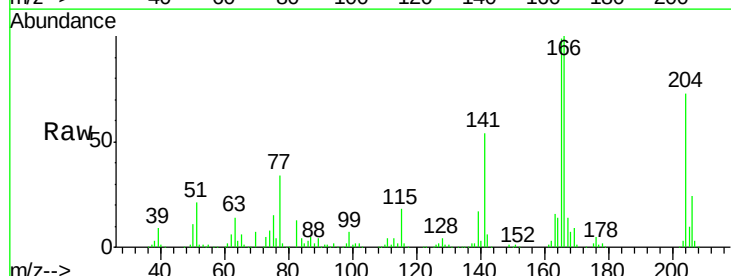
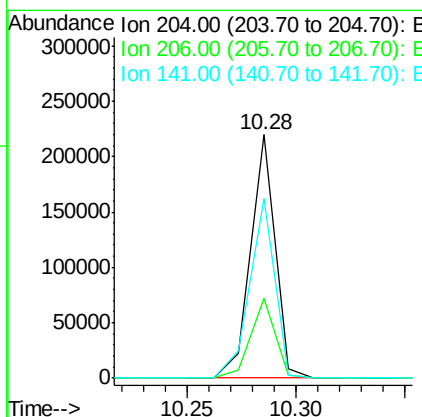
Manual Integrations

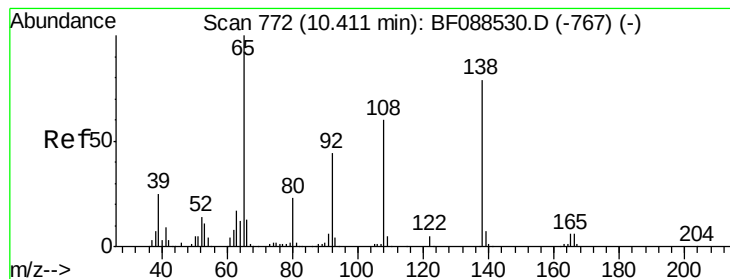
SOHIL
7/13/2016 9:25:30 AM



#60
4-Chlorophenyl-phenylether
Concen: 43.68 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.3	39.5
141	73.8	55.0	82.6





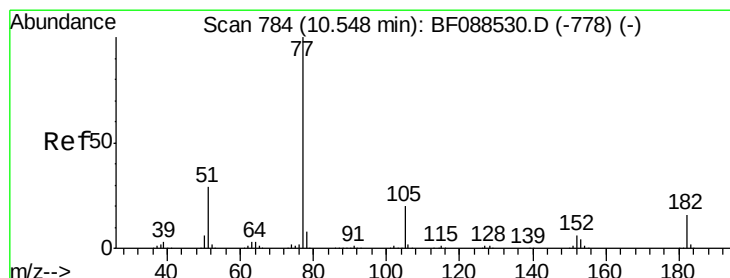
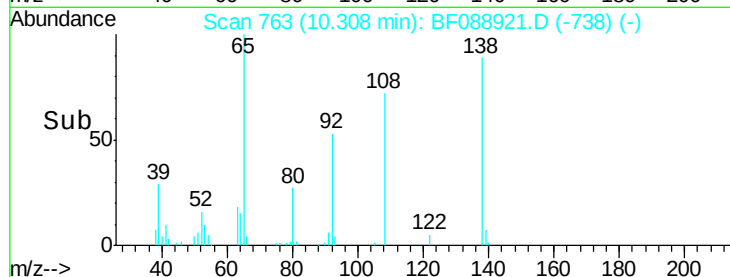
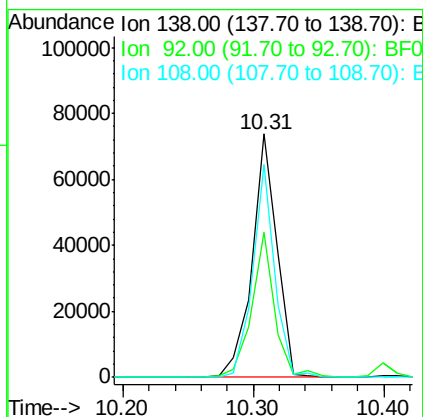
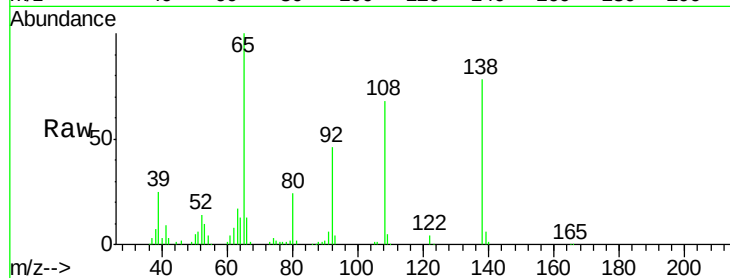
#61
4-Nitroaniline
Concen: 38.26 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.4	27.3	67.3
108	87.3	46.7	86.7

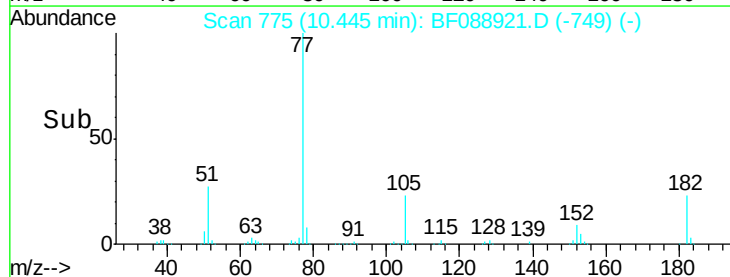
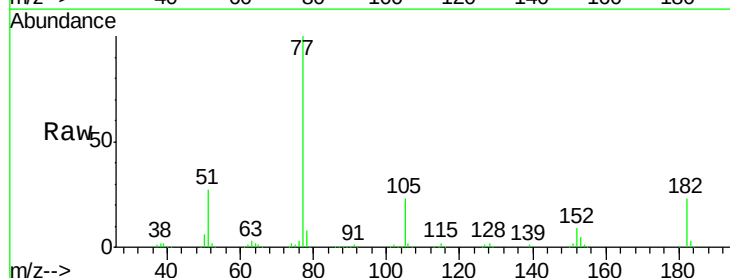
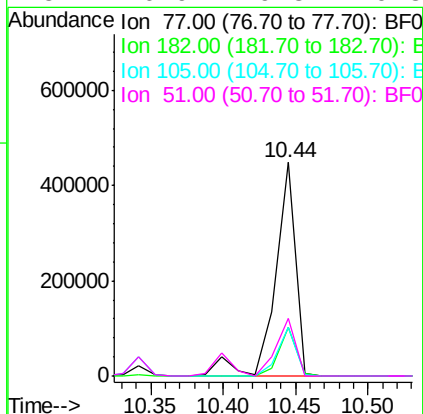
Manual Integrations

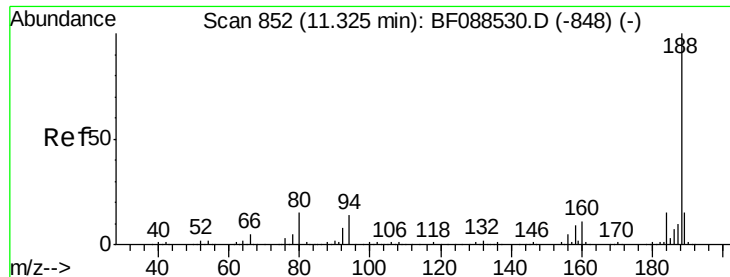
SOHIL
7/13/2016 9:25:30 AM



#62
Azobenzene
Concen: 41.02 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.9	4.4	44.4
105	22.7	3.8	43.8
51	26.9	9.3	49.3





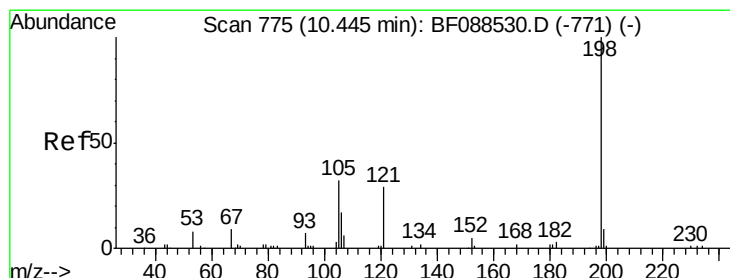
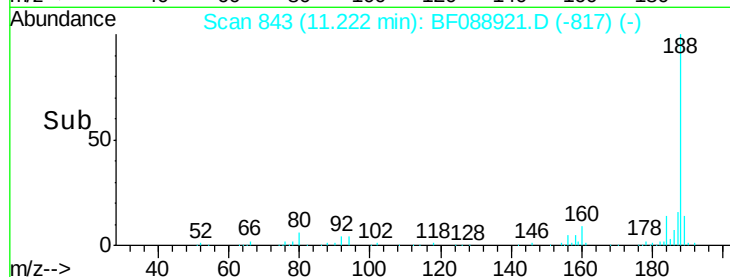
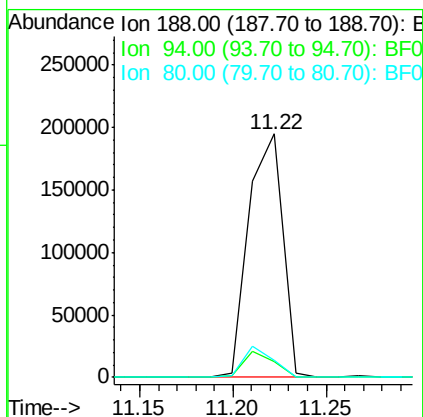
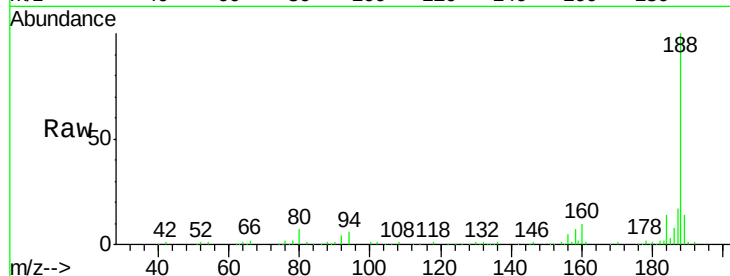
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	246477		
94	6.5	9.0	13.6#	
80	6.9	10.0	15.0#	

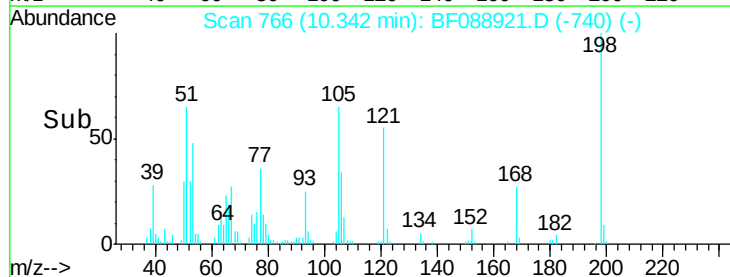
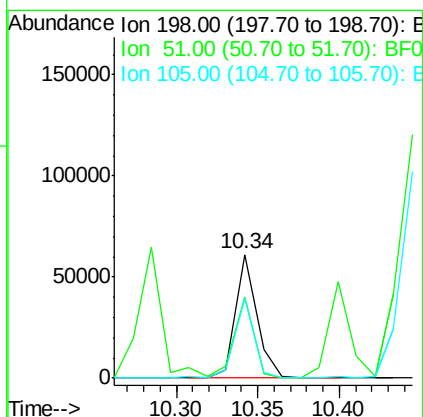
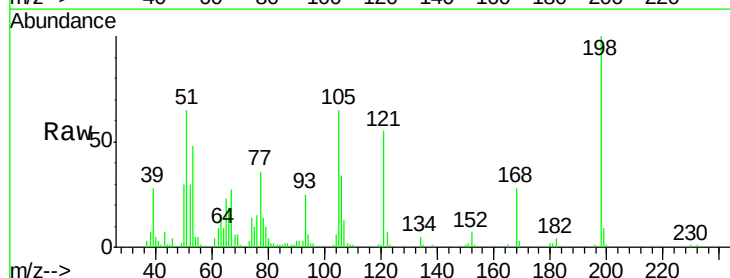
Manual Integrations

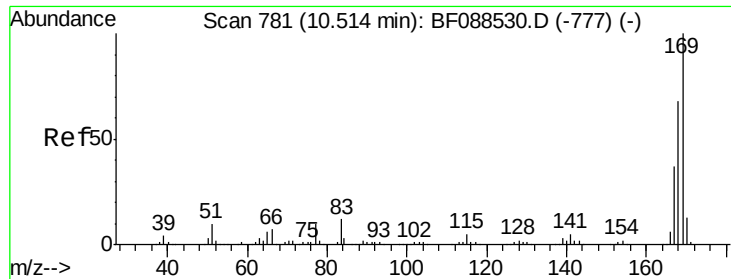
SOHIL
7/13/2016 9:25:30 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 41.60 ng
RT: 10.34 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	54842		
51	65.2	39.6	79.6	
105	64.6	36.6	76.6	





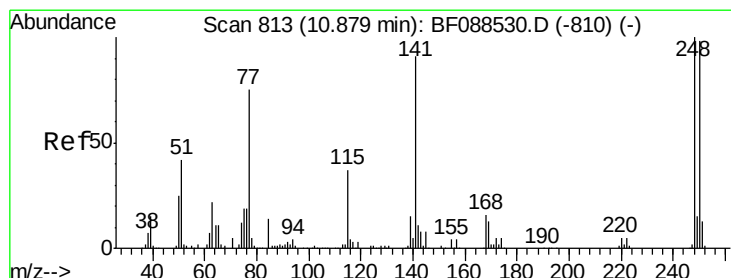
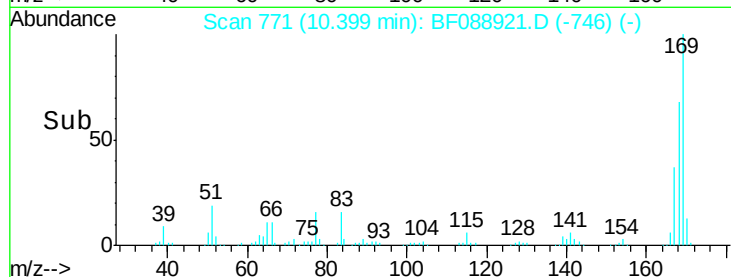
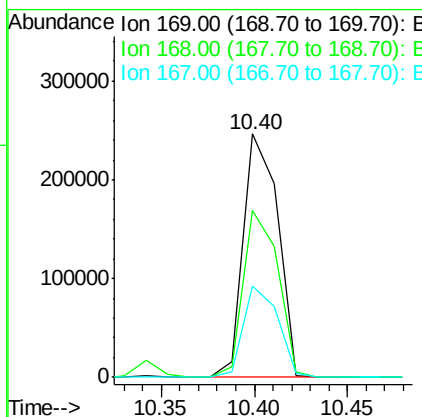
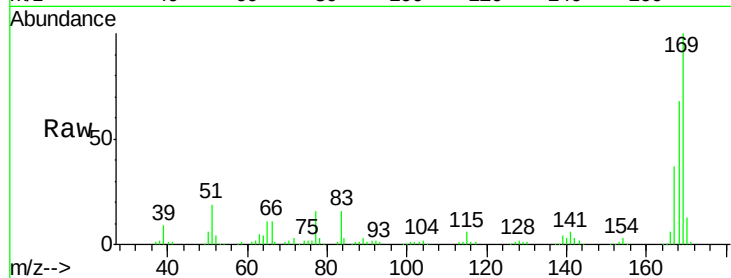
#65
n-Nitrosodiphenylamine
Concen: 37.75 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.3	53.4	80.0
167	37.3	29.4	44.0

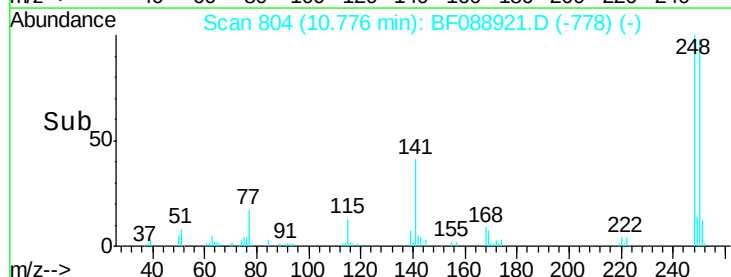
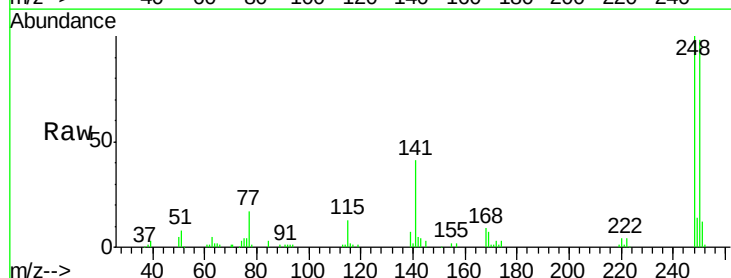
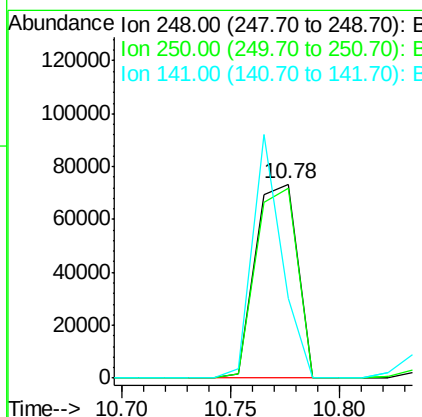
Manual Integrations

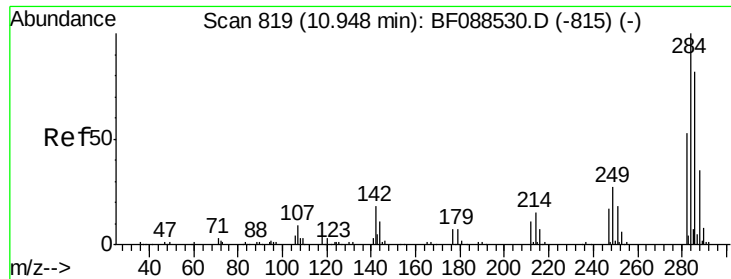
SOHIL
7/13/2016 9:25:30 AM



#66
4-Bromophenyl-phenylether
Concen: 39.77 ng
RT: 10.78 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.1	115.7
141	40.9	50.6	76.0





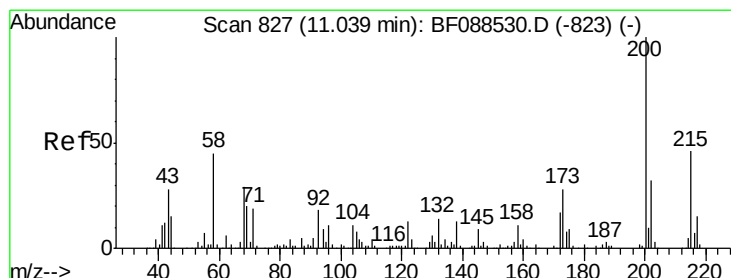
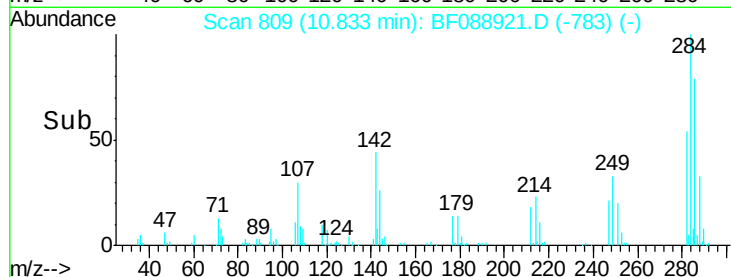
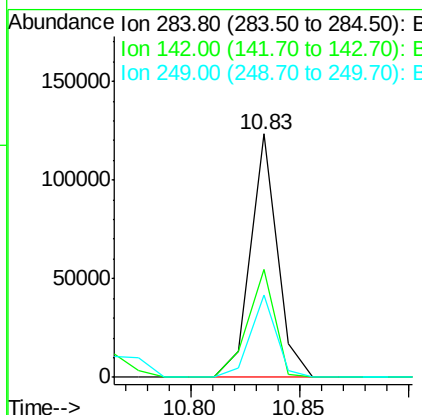
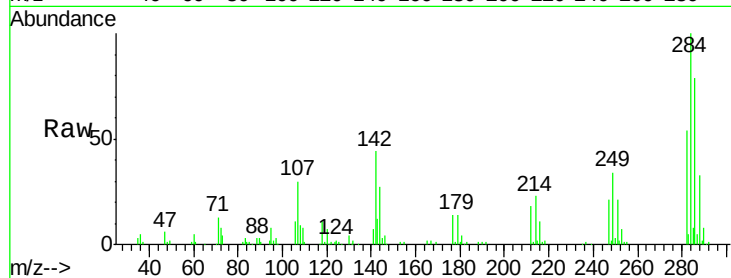
#67
Hexachlorobenzene
Concen: 38.36 ng
RT: 10.83 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	105480		
142	44.5	35.8	53.8	
249	33.7	25.8	38.6	

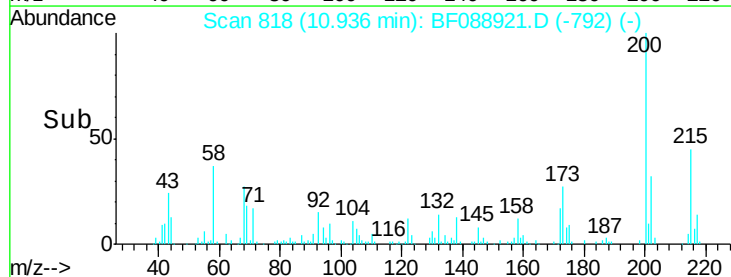
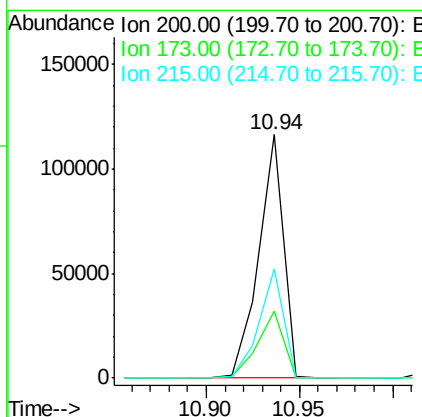
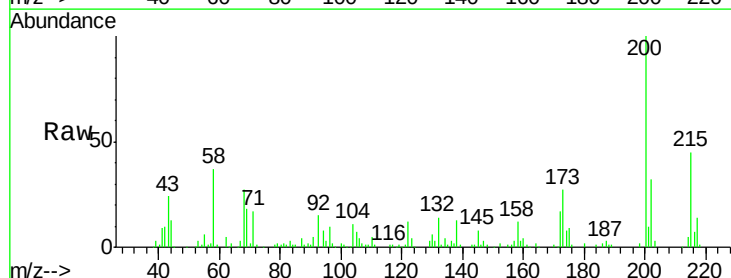
Manual Integrations

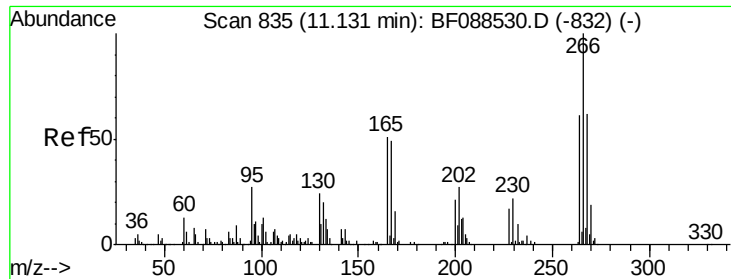
SOHIL
7/13/2016 9:25:30 AM



#68
Atrazine
Concen: 40.97 ng
RT: 10.94 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	106499		
173	27.5	4.0	44.0	
215	45.0	29.3	69.3	





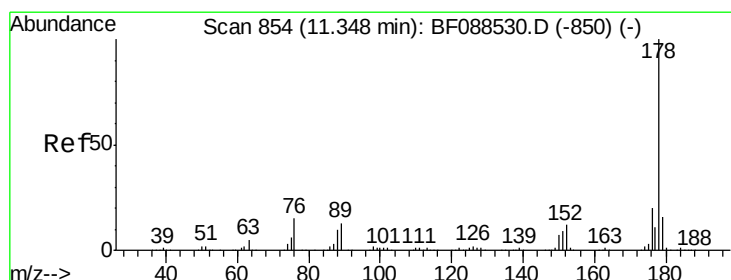
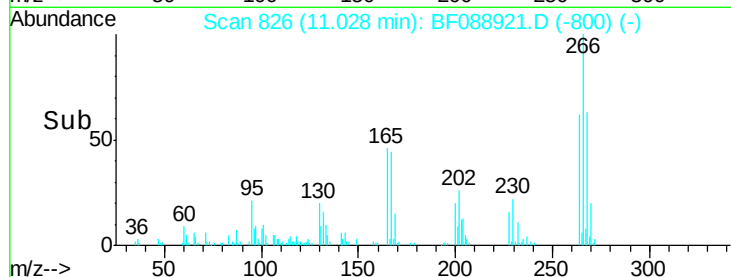
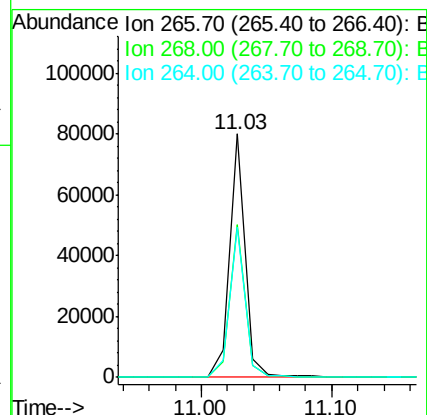
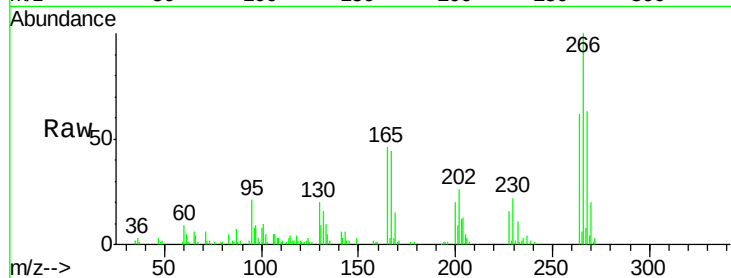
#69
 Pentachlorophenol
 Concen: 41.21 ng
 RT: 11.03 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF088921.D
 Acq: 12 Jul 2016 13:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 266 Resp: 67054
 Ion Ratio Lower Upper
 266 100
 268 63.0 52.8 79.2
 264 61.8 49.6 74.4

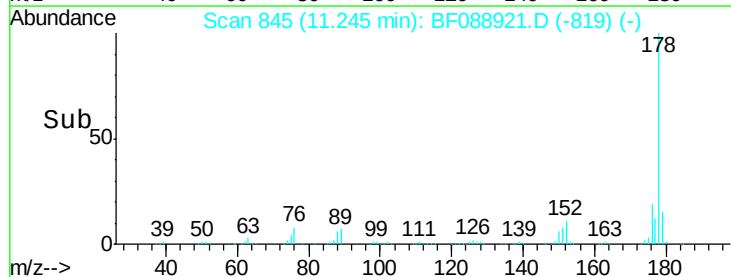
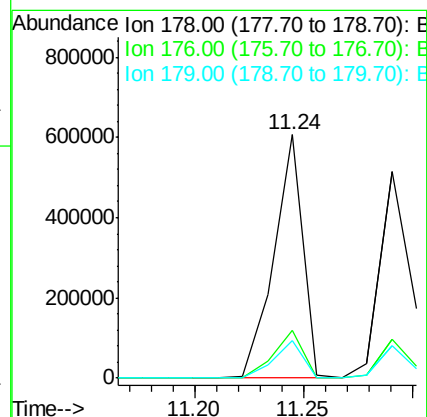
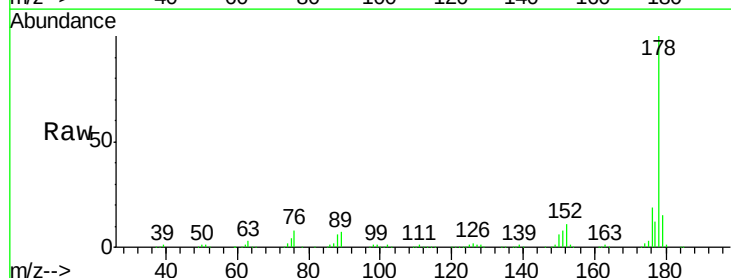
Manual Integrations

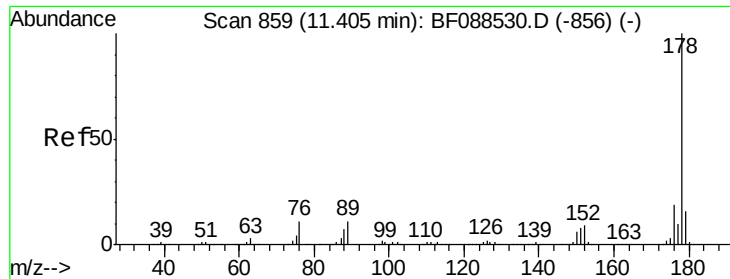
SOHIL
 7/13/2016 9:25:30 AM



#70
 Phenanthrene
 Concen: 42.09 ng
 RT: 11.24 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF088921.D
 Acq: 12 Jul 2016 13:28

Tgt Ion: 178 Resp: 567101
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.6
 179 15.3 13.0 19.4





#71

Anthracene

Concen: 37.14 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF088921.D

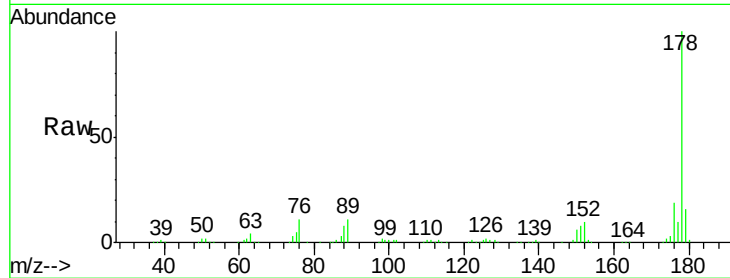
Acq: 12 Jul 2016 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

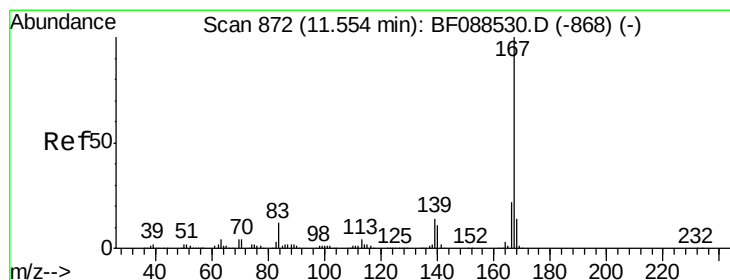
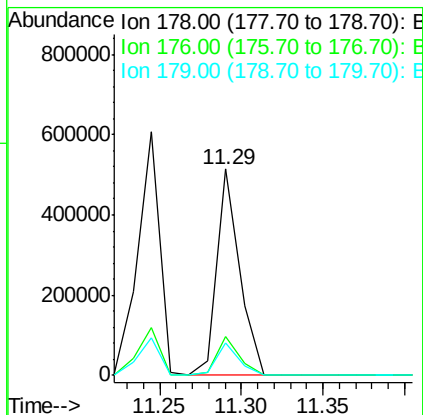
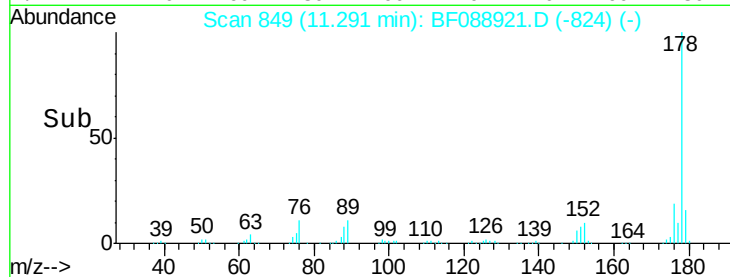


Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	15.8	12.8	19.2

Manual Integrations

SOHIL

7/13/2016 9:25:30 AM



#72

Carbazole

Concen: 40.79 ng

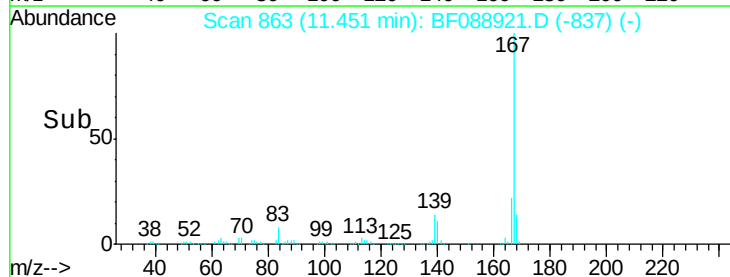
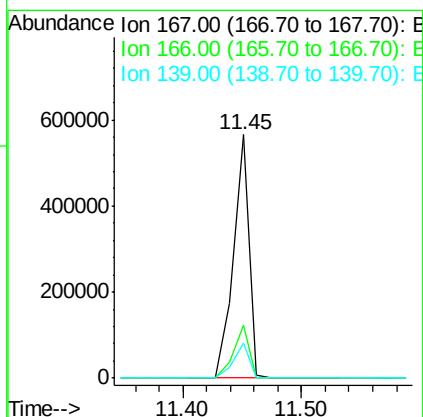
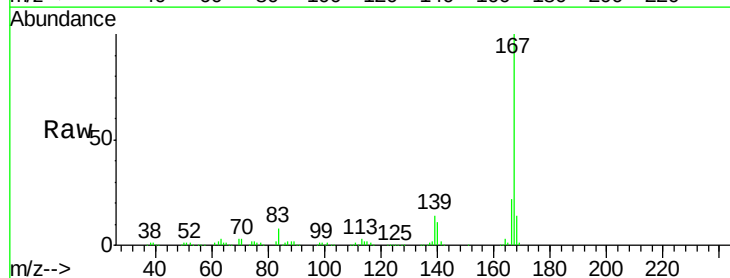
RT: 11.45 min Scan# 863

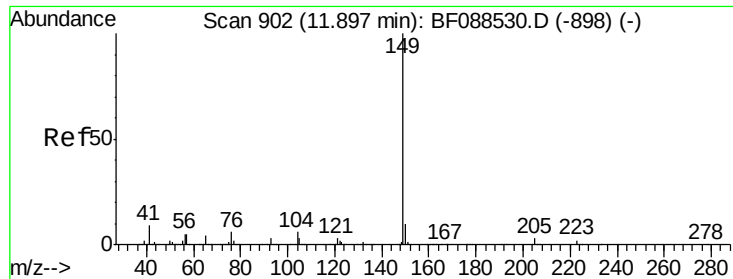
Delta R.T. 0.00 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.6
139	14.2	11.2	16.8





#73

Di-n-butylphthalate

Concen: 43.06 ng

RT: 11.79 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

Instrument :

BNA_F

ClientSampleId :

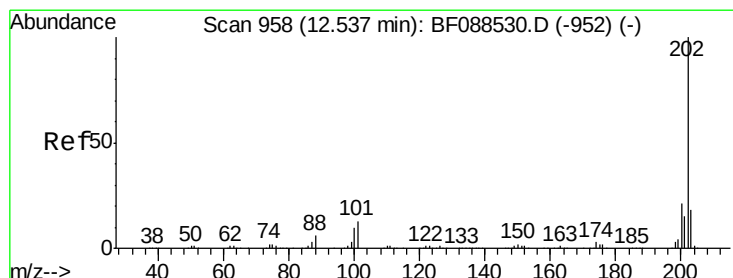
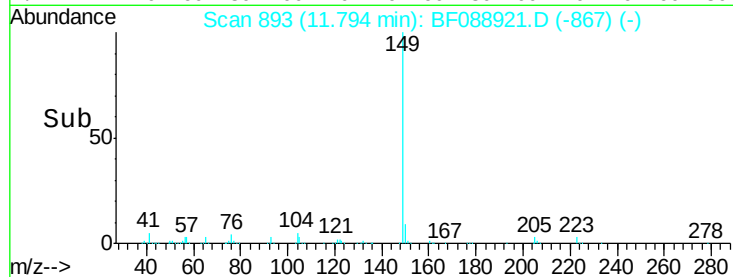
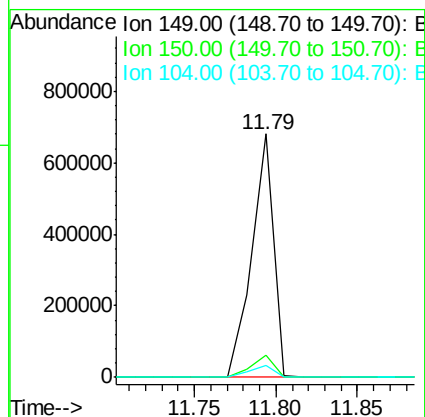
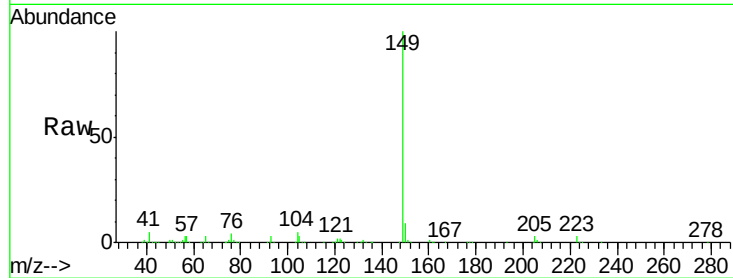
SSTDCCC040

Tgt Ion:	149	Resp:	631586
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.8	4.0	6.0

Manual Integrations

SOHIL

7/13/2016 9:25:30 AM



#74

Fluoranthene

Concen: 38.65 ng

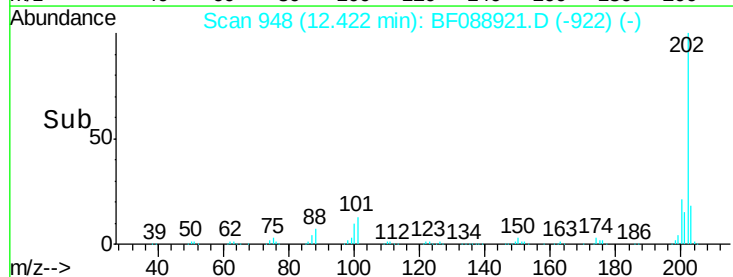
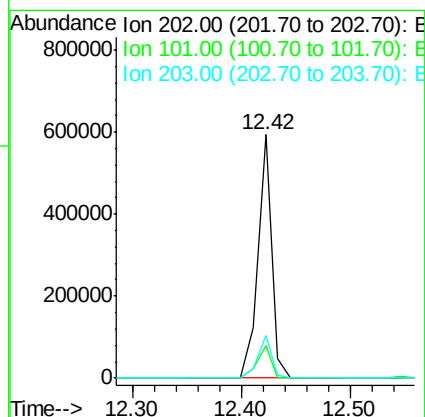
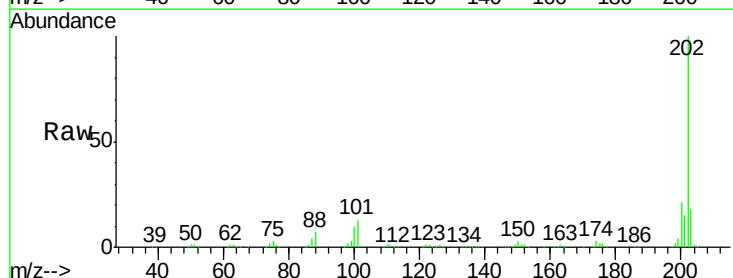
RT: 12.42 min Scan# 948

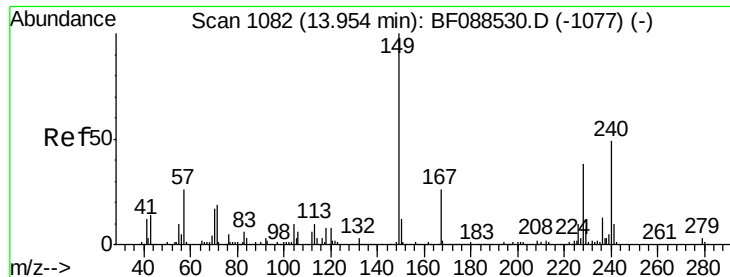
Delta R.T. 0.00 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

Tgt Ion:	202	Resp:	527949
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	33.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

Instrument :

BNA_F

ClientSampleId :

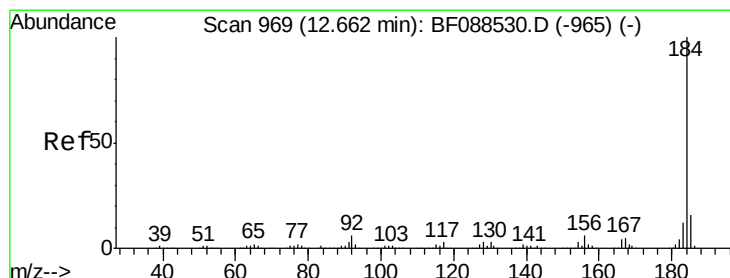
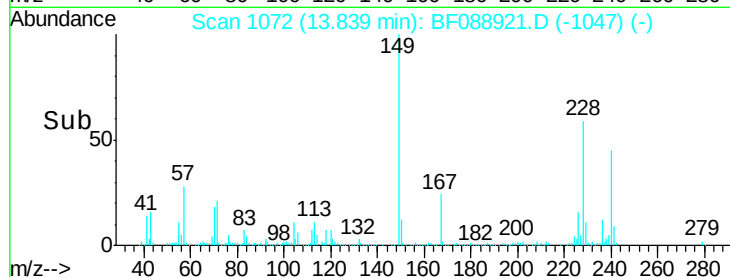
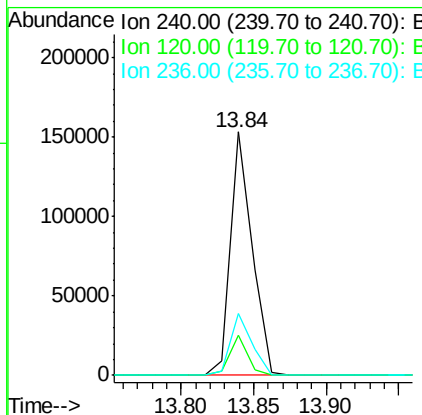
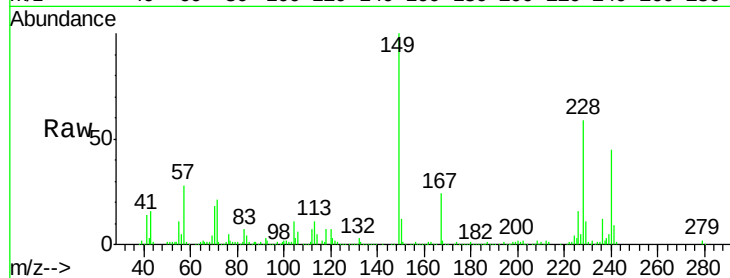
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.4	6.8	10.2#
236	25.5	20.2	30.2

Manual Integrations

SOHIL

7/13/2016 9:25:30 AM



#76

Benzidine

Concen: 46.26 ng

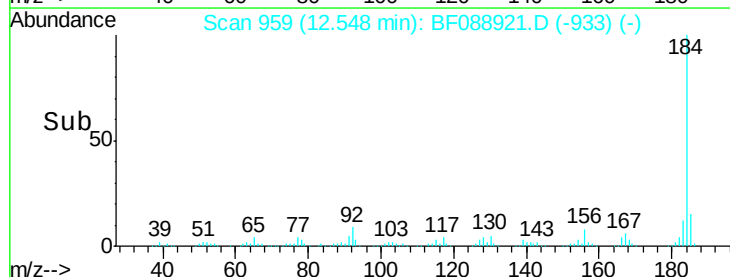
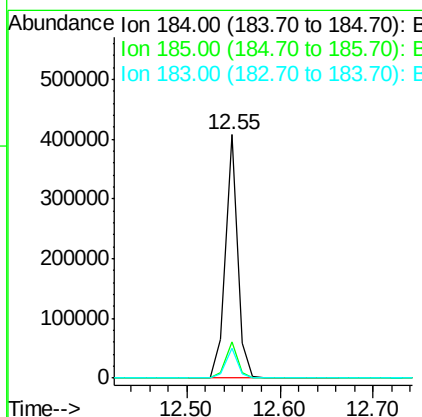
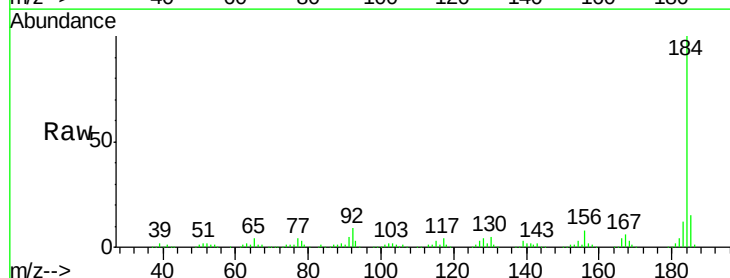
RT: 12.55 min Scan# 959

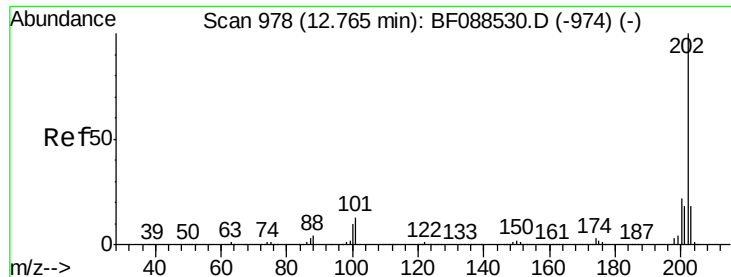
Delta R.T. 0.00 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.5	18.7
183	12.3	9.3	13.9





#77

Pyrene

Concen: 43.51 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF088921.D

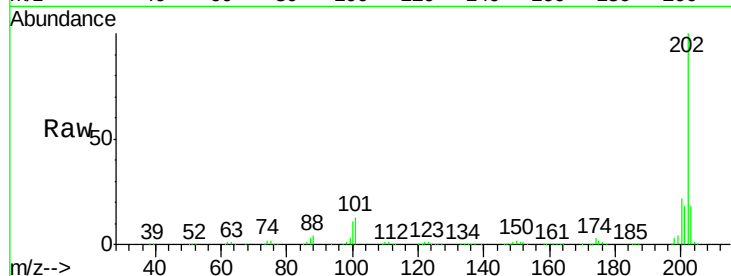
Acq: 12 Jul 2016 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

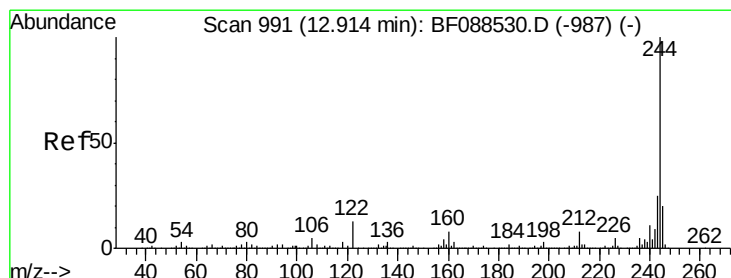
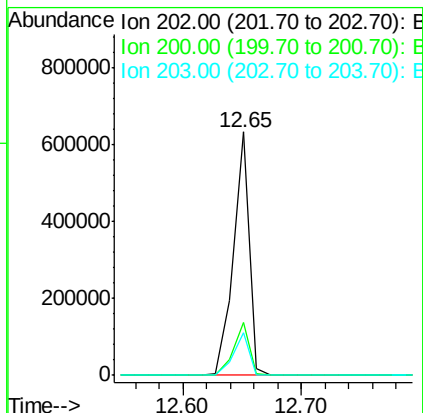
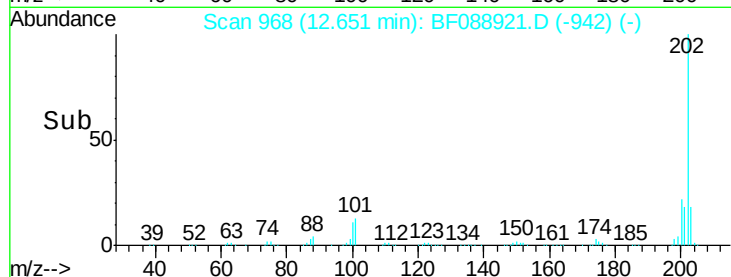


Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.7	14.5	21.7

Manual Integrations

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#78

Terphenyl-d14

Concen: 79.52 ng

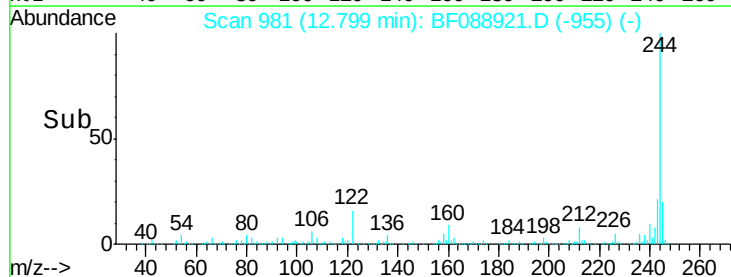
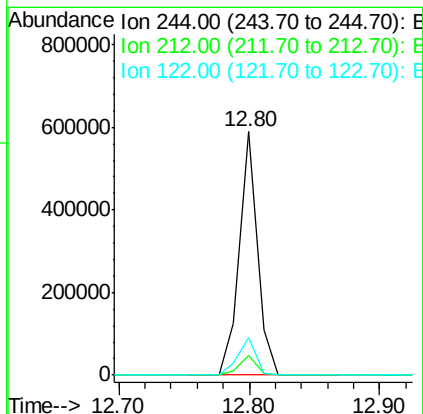
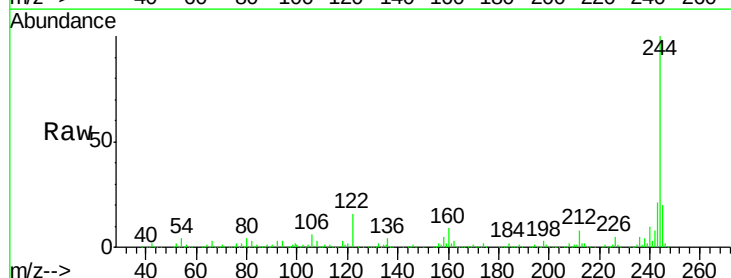
RT: 12.80 min Scan# 981

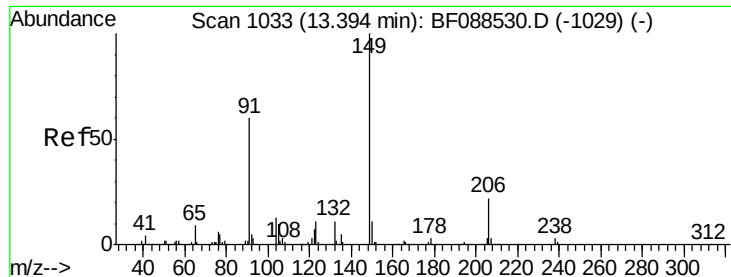
Delta R.T. 0.00 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.0	9.0
122	15.6	11.2	16.8





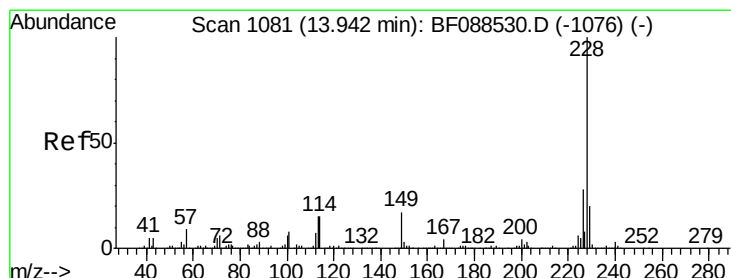
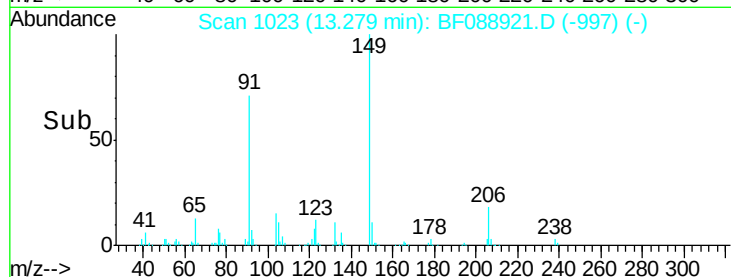
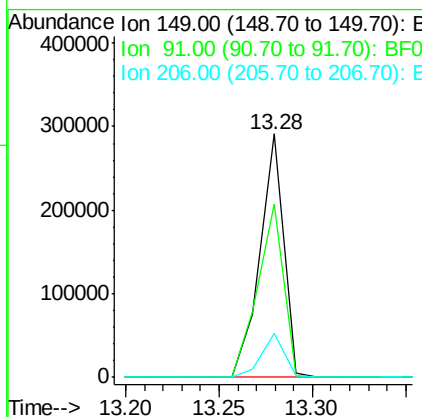
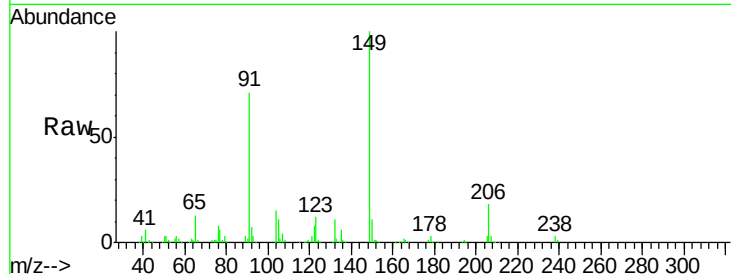
#79
Butylbenzylphthalate
Concen: 42.74 ng
RT: 13.28 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	256210		
91	71.0	48.0	72.0	
206	18.0	16.0	24.0	

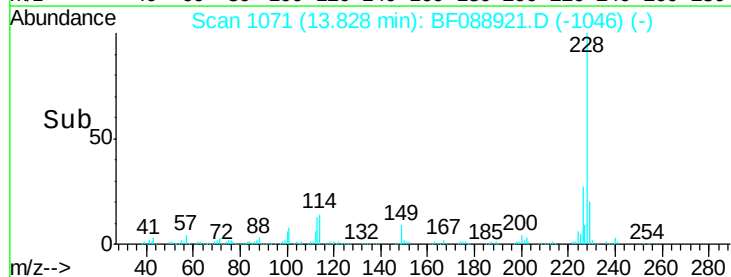
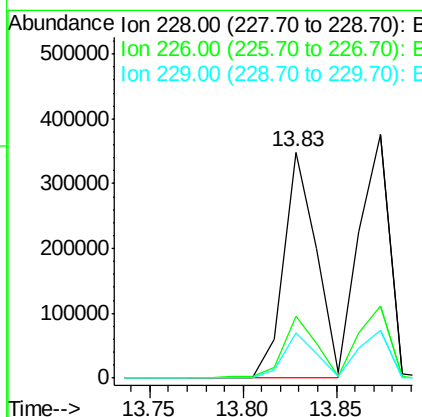
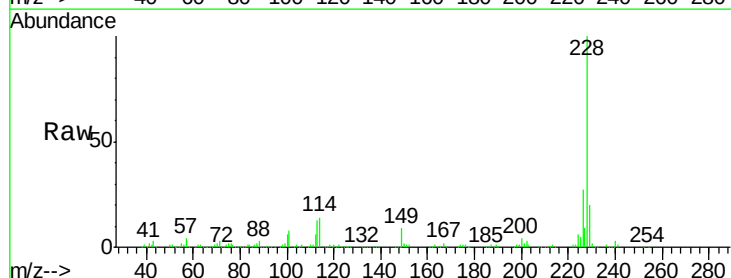
Manual Integrations

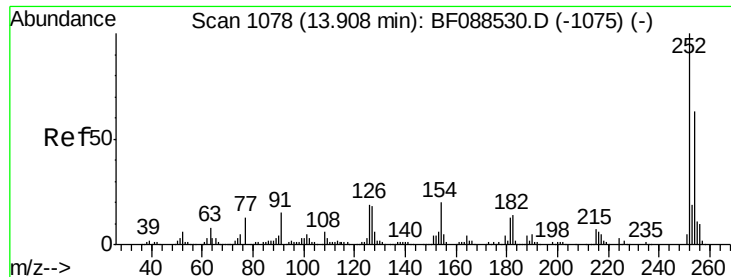
SOHIL
7/13/2016 9:25:30 AM



#80
Benzo(a)anthracene
Concen: 41.56 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	424224		
226	27.2	22.3	33.5	
229	19.9	16.0	24.0	





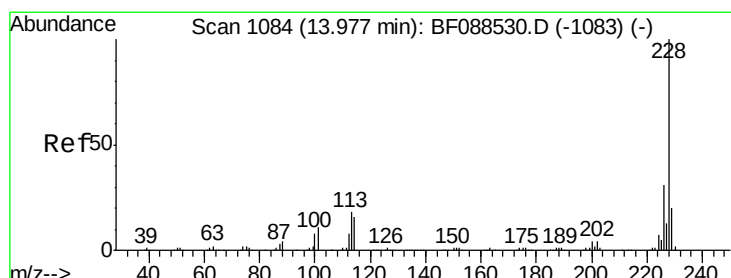
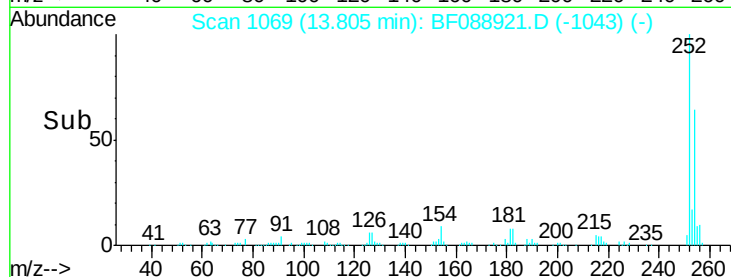
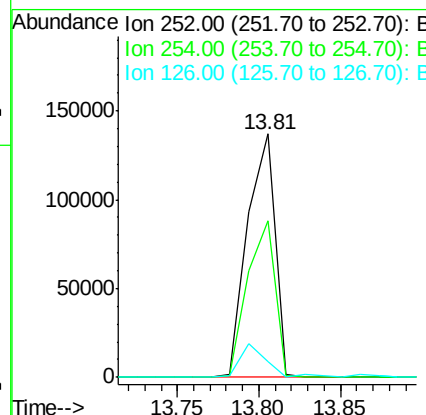
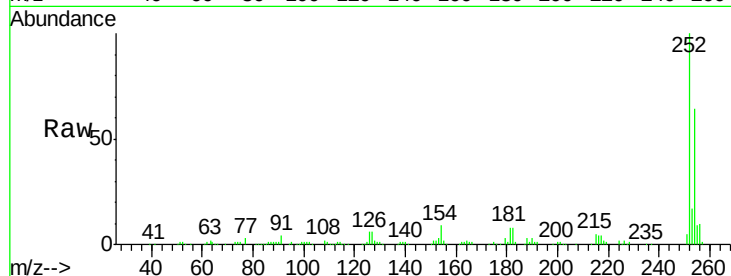
#81
 3,3'-Dichlorobenzidine
 Concen: 41.94 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: BF088921.D
 Acq: 12 Jul 2016 13:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.6	78.8
126	6.4	6.2	9.2

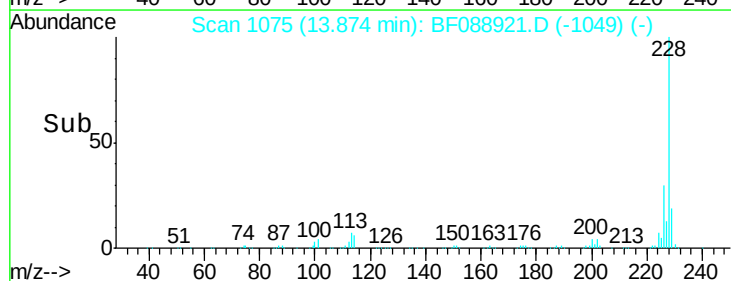
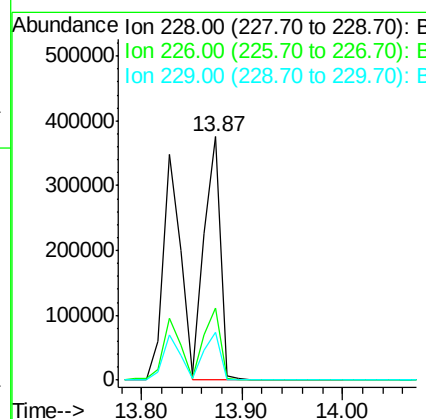
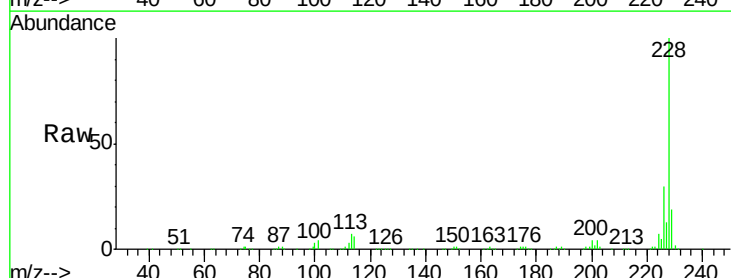
Manual Integrations

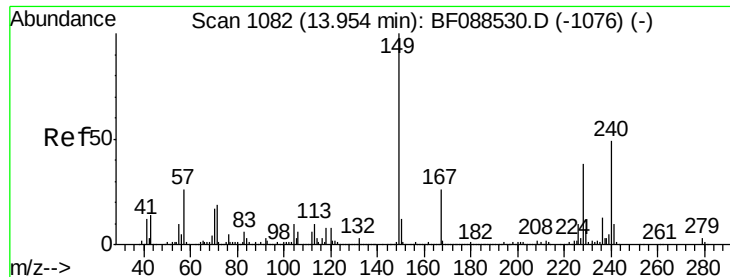
SOHIL
 7/13/2016 9:25:30 AM



#82
 Chrysene
 Concen: 41.75 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: BF088921.D
 Acq: 12 Jul 2016 13:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.4	38.2
229	19.4	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.48 ng

RT: 13.84 min Scan# 1072

Delta R.T. 0.00 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

Instrument :

BNA_F

ClientSampleId :

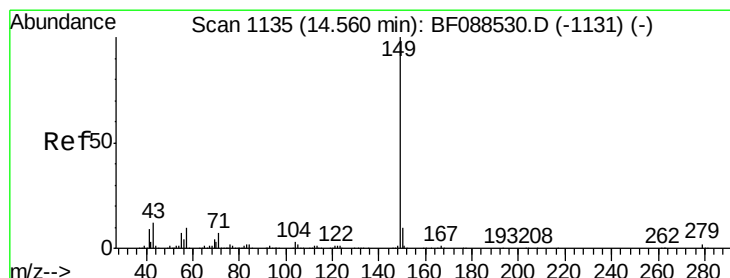
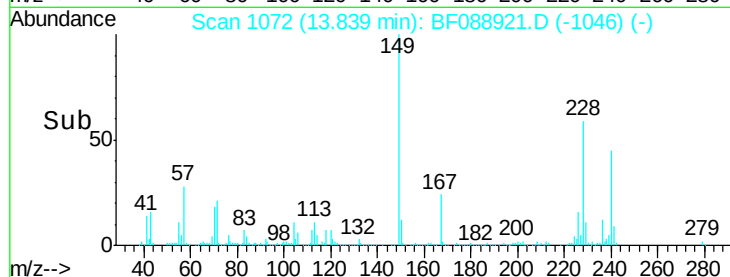
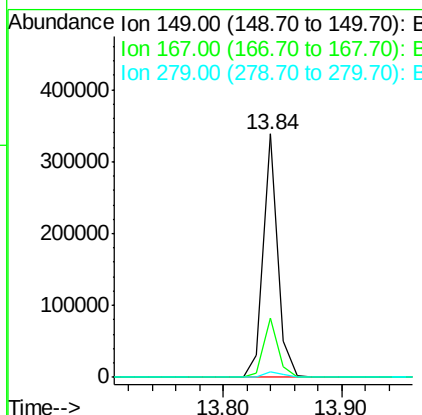
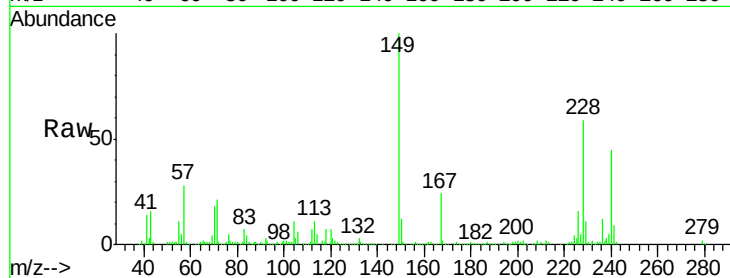
SSTDCCC040

Tgt Ion:	149	Resp:	290720
Ion Ratio	Lower	Upper	
149	100		
167	24.5	20.5	30.7
279	2.5	2.0	3.0

Manual Integrations

SOHIL

7/13/2016 9:25:30 AM



#84

Di-n-octyl phthalate

Concen: 39.49 ng

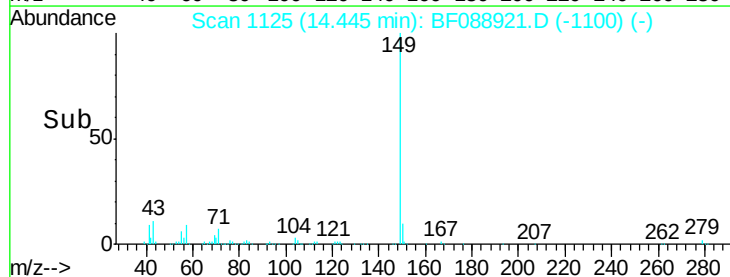
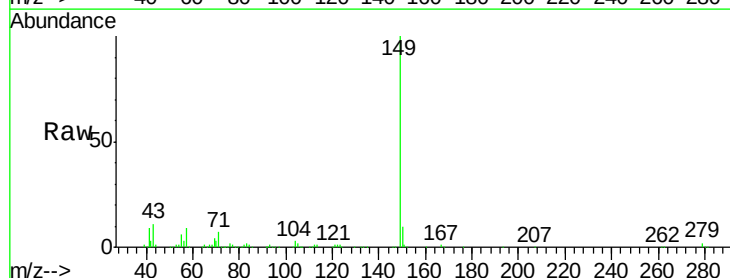
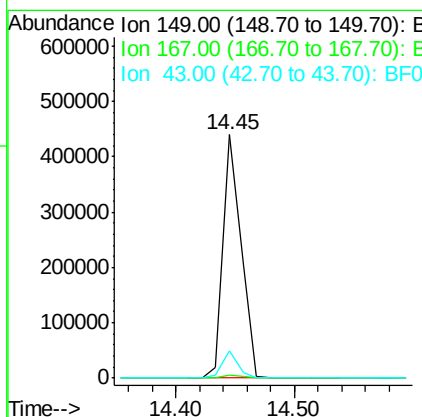
RT: 14.45 min Scan# 1125

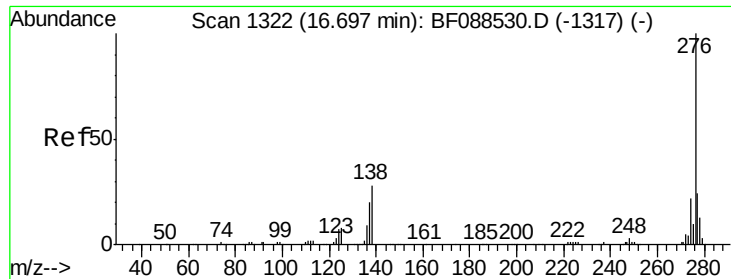
Delta R.T. -0.01 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

Tgt Ion:	149	Resp:	459207
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	9.3	0.0	0.0#





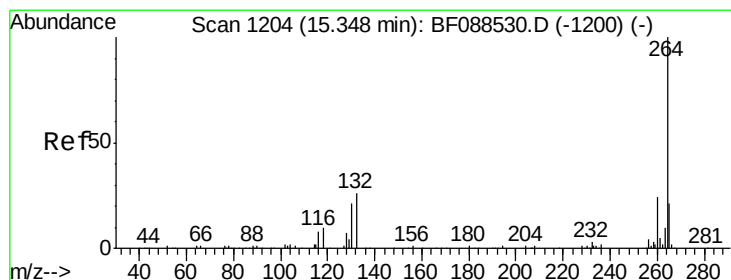
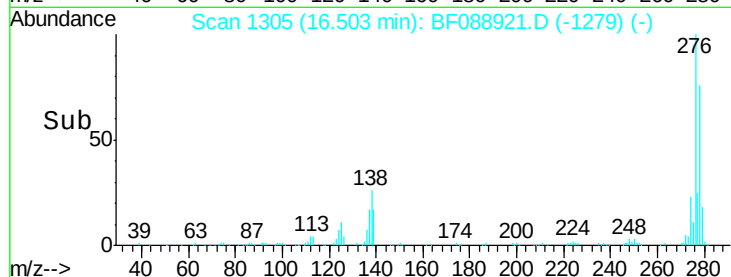
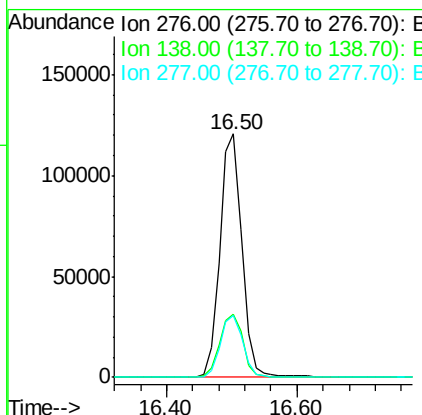
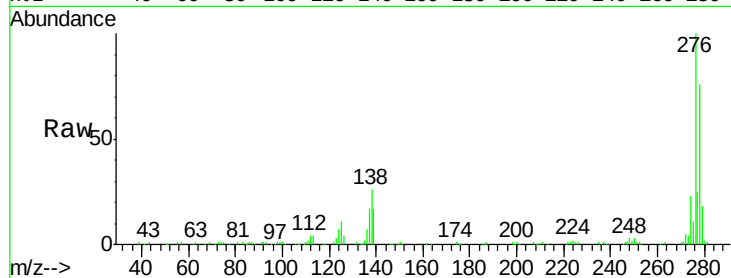
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.57 ng
 RT: 16.50 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF088921.D
 Acq: 12 Jul 2016 13:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	284110		
138	27.3	0.0	0.0	0.0
277	25.8	0.0	0.0	0.0

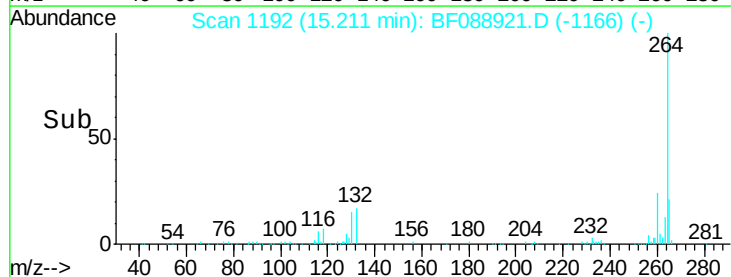
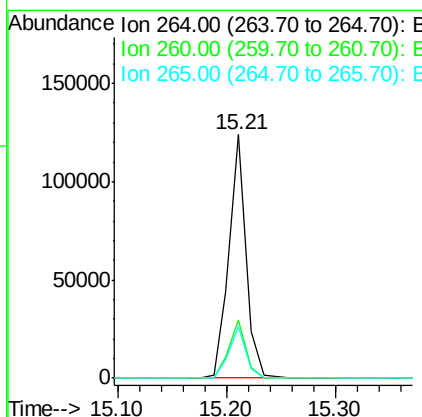
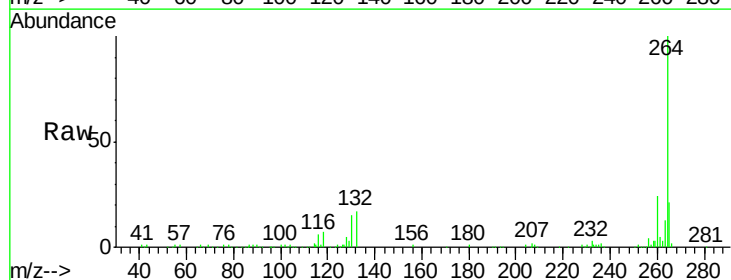
Manual Integrations

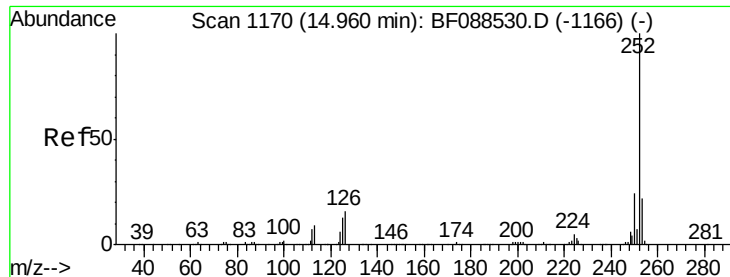
SOHIL
 7/13/2016 9:25:30 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF088921.D
 Acq: 12 Jul 2016 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	135119		
260	23.6	19.2	28.8	
265	21.2	16.9	25.3	





#87

Benzo(b)fluoranthene

Concen: 39.03 ng m

RT: 14.83 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

Instrument :

BNA_F

ClientSampleId :

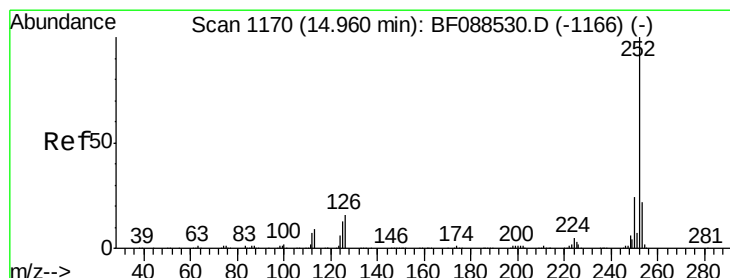
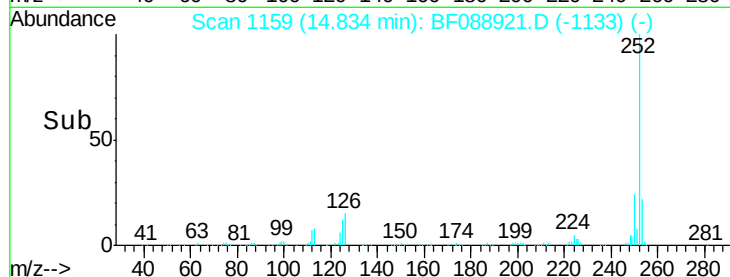
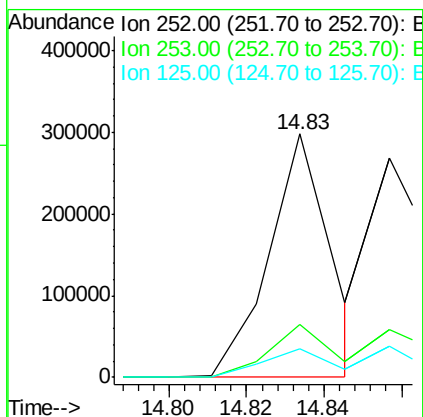
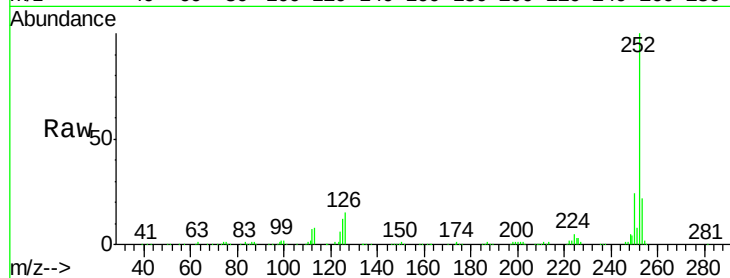
SSTDCCC040

Tgt Ion:	252	Resp:	330840
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.4	26.2
125	11.7	7.1	10.7#

Manual Integrations

SOHIL

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#88

Benzo(k)fluoranthene

Concen: 40.77 ng m

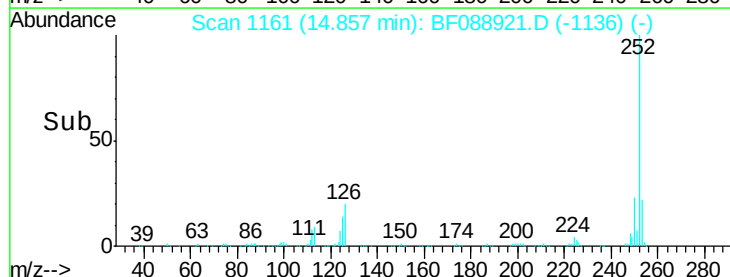
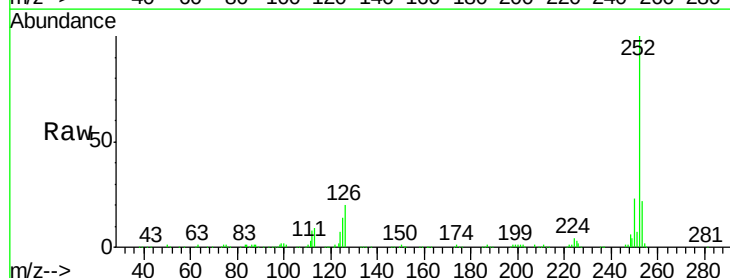
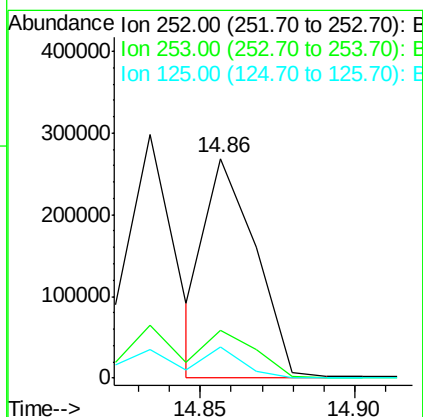
RT: 14.86 min Scan# 1161

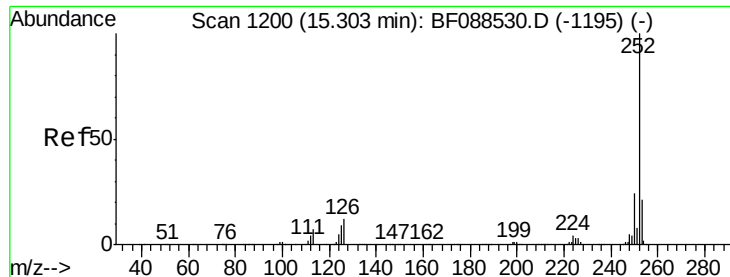
Delta R.T. -0.01 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

Tgt Ion:	252	Resp:	300826
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.0	27.0
125	14.3	11.2	16.8





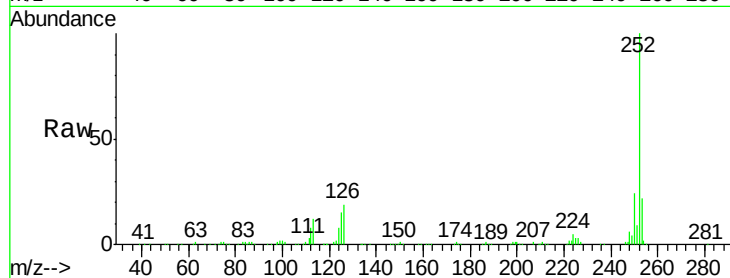
#89
Benzo(a)pyrene
Concen: 39.91 ng
RT: 15.15 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	14.7	12.5	18.7

Manual Integrations

SOHIL
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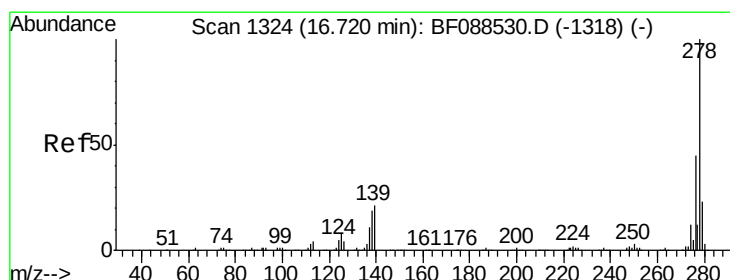
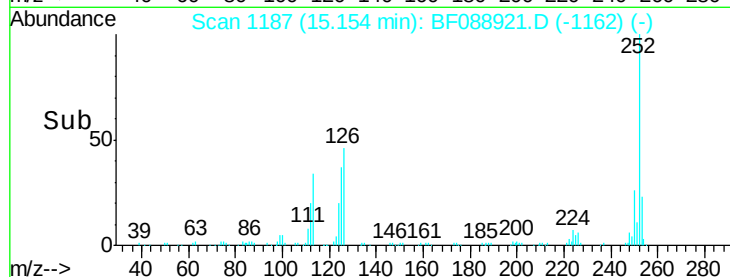
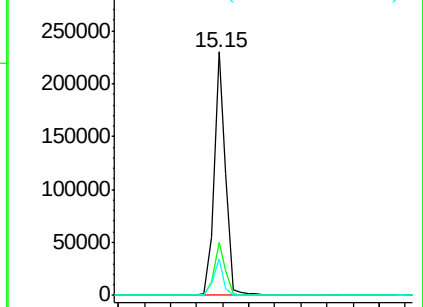


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 41.21 ng
RT: 16.51 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF088921.D
Acq: 12 Jul 2016 13:28

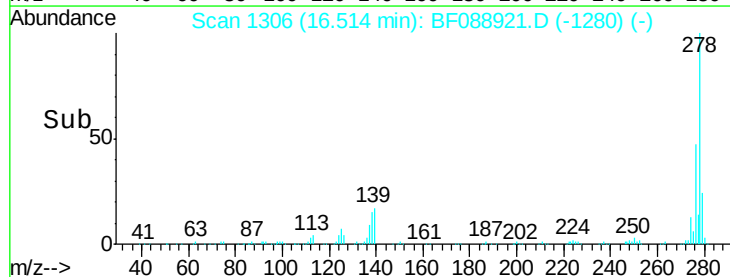
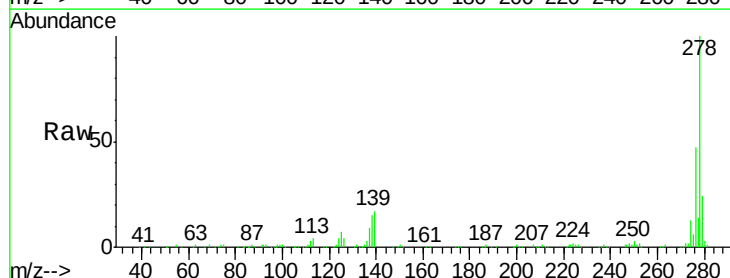
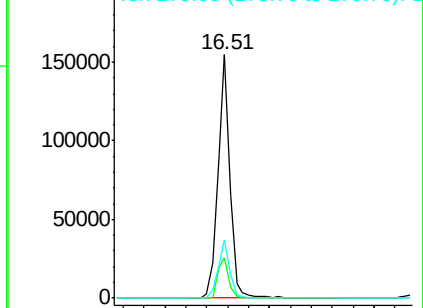
Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	15.7	23.5
279	23.6	19.4	29.2

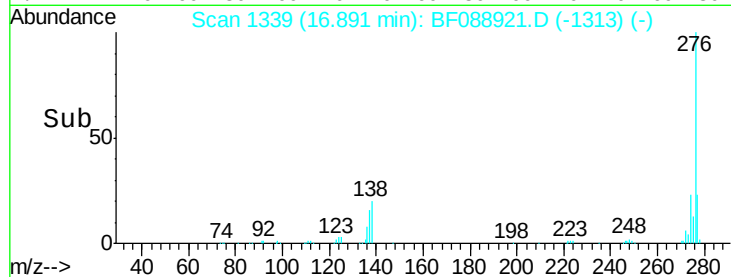
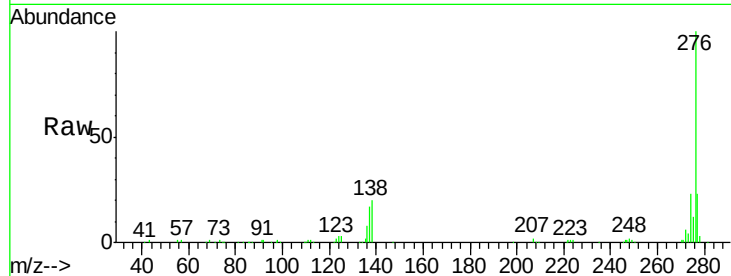
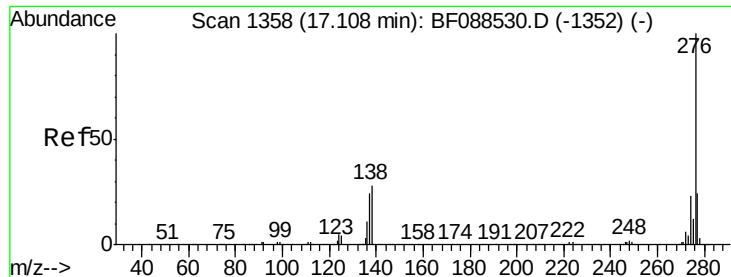
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 40.41 ng

RT: 16.89 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF088921.D

Acq: 12 Jul 2016 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt	Ion	276	Resp	250621
Ion	Ratio	Lower	Upper	
276	100			
277	22.7	18.9	28.3	
138	19.6	21.4	32.2	#

Manual Integrations

SOHIL

7/13/2016 9:25:30 AM

