

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
 Data File : BF088731.D
 Acq On : 6 Jul 2016 11:00
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations

APPROVED
 SOHIL
 7/7/2016 1:55:40 AM

Quant Time: Jul 06 16:41:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 06 16:39:34 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	85299	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	355026	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	159461	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	306885	20.00	ng	0.00
75) Chrysene-d12	13.90	240	232865	20.00	ng	0.00
86) Perylene-d12	15.28	264	206671	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	468227	82.27	ng	0.00
7) Phenol-d6	6.40	99	568006	77.24	ng	0.00
23) Nitrobenzene-d5	7.32	82	499027	73.66	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	128768	86.96	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	865223	85.71	ng	0.00
78) Terphenyl-d14	12.86	244	804096	76.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	102544	36.34	ng	# 37
3) Pyridine	2.97	79	305362	37.29	ng	91
4) n-Nitrosodimethylamine	2.92	42	112187	35.86	ng	91
6) Aniline	6.42	93	411378	38.38	ng	97
8) 2-Chlorophenol	6.55	128	257047	42.02	ng	86
9) Benzaldehyde	6.30	77	171061	34.34	ng	85
10) Phenol	6.41	94	326775	38.93	ng	# 66
11) bis(2-Chloroethyl)ether	6.50	93	263168	42.05	ng	86
12) 1,3-Dichlorobenzene	6.70	146	254701m	37.84	ng	
13) 1,4-Dichlorobenzene	6.78	146	254719	38.12	ng	95
14) 1,2-Dichlorobenzene	6.94	146	254861	40.75	ng	97
15) Benzyl Alcohol	6.90	79	197077	36.41	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.05	45	308574	34.04	ng	89
17) 2-Methylphenol	7.02	107	203746	40.83	ng	96
18) Hexachloroethane	7.28	117	102986	39.85	ng	94
19) n-Nitroso-di-n-propylamine	7.19	70	198896	40.26	ng	# 87
20) 3+4-Methylphenols	7.18	107	222624	37.17	ng	# 66
22) Acetophenone	7.18	105	357323	41.47	ng	# 87
24) Nitrobenzene	7.35	77	297661	43.58	ng	# 87
25) Isophorone	7.59	82	475062	37.86	ng	95
26) 2-Nitrophenol	7.67	139	127696	45.59	ng	# 75
27) 2,4-Dimethylphenol	7.70	122	215467	36.93	ng	86
28) bis(2-Chloroethoxy)methane	7.80	93	333287	40.81	ng	# 95
29) 2,4-Dichlorophenol	7.91	162	202009	42.84	ng	95
30) 1,2,4-Trichlorobenzene	7.99	180	208197	40.24	ng	99
31) Naphthalene	8.07	128	710194	40.58	ng	99
32) Benzoic acid	7.84	122	153485	36.24	ng	92
33) 4-Chloroaniline	8.11	127	297807	38.24	ng	94
34) Hexachlorobutadiene	8.19	225	122144	44.09	ng	98
35) Caprolactam	8.49	113	62339	38.93	ng	89
36) 4-Chloro-3-methylphenol	8.60	107	252243	45.24	ng	95
37) 2-Methylnaphthalene	8.75	142	419064	37.18	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	231421	43.63	ng	# 1
40) Hexachlorocyclopentadiene	8.91	237	98432	37.81	ng	100

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
 Data File : BF088731.D
 Acq On : 6 Jul 2016 11:00
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

Manual Integrations

APPROVED
 SOHIL
 7/7/2016 1:55:40 AM

Quant Time: Jul 06 16:41:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 06 16:39:34 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	142856	40.85	ng	100
43) 2,4,5-Trichlorophenol	9.07	196	141500	47.03	ng #	90
45) 1,1'-Biphenyl	9.22	154	555196	42.05	ng	99
46) 2-Chloronaphthalene	9.24	162	441673	42.61	ng	98
47) 2-Nitroaniline	9.34	65	135188	36.75	ng	96
48) Acenaphthylene	9.66	152	666767	40.42	ng	99
49) Dimethylphthalate	9.53	163	512358	45.10	ng	99
50) 2,6-Dinitrotoluene	9.59	165	119786	47.57	ng #	81
51) Acenaphthene	9.83	154	406300	40.19	ng	98
52) 3-Nitroaniline	9.75	138	118186	36.93	ng	86
53) 2,4-Dinitrophenol	9.85	184	49360	44.40	ng #	73
54) Dibenzofuran	10.00	168	528642	39.95	ng #	87
55) 4-Nitrophenol	9.91	139	88726	36.48	ng	88
56) 2,4-Dinitrotoluene	9.99	165	157529	47.85	ng #	77
57) Fluorene	10.34	166	433190	42.48	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	99370	42.69	ng #	52
59) Diethylphthalate	10.23	149	502376	44.06	ng	100
60) 4-Chlorophenyl-phenylether	10.34	204	204467	43.15	ng	89
61) 4-Nitroaniline	10.36	138	139168	45.18	ng	85
62) Azobenzene	10.49	77	516479	39.71	ng	91
64) 4,6-Dinitro-2-methylphenol	10.40	198	75298	45.87	ng #	50
65) n-Nitrosodiphenylamine	10.46	169	400610	38.57	ng	100
66) 4-Bromophenyl-phenylether	10.82	248	117740	38.07	ng #	77
67) Hexachlorobenzene	10.89	284	146942	42.92	ng #	86
68) Atrazine	10.98	200	116846	36.10	ng	91
69) Pentachlorophenol	11.08	266	81768	40.36	ng	97
70) Phenanthrene	11.30	178	706318	42.10	ng	98
71) Anthracene	11.35	178	645627	38.71	ng	99
72) Carbazole	11.51	167	655405	41.75	ng	98
73) Di-n-butylphthalate	11.84	149	690645	37.82	ng	98
74) Fluoranthene	12.48	202	744564	43.78	ng	97
76) Benzidine	12.60	184	518148	44.02	ng	99
77) Pyrene	12.71	202	767068	38.85	ng	99
79) Butylbenzylphthalate	13.33	149	312977	35.54	ng #	66
80) Benzo(a)anthracene	13.89	228	575855	38.40	ng	100
81) 3,3'-Dichlorobenzidine	13.85	252	203876	36.16	ng #	94
82) Chrysene	13.92	228	520799	35.11	ng	98
83) Bis(2-ethylhexyl)phthalate	13.90	149	415729	41.35	ng #	99
84) Di-n-octyl phthalate	14.50	149	715326	41.88	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.59	276	424778	37.22	ng #	100
87) Benzo(b)fluoranthene	14.89	252	469539m	36.22	ng	
88) Benzo(k)fluoranthene	14.93	252	508286m	45.04	ng	
89) Benzo(a)pyrene	15.22	252	435021	39.63	ng	99
90) Dibenzo(a,h)anthracene	16.62	278	361052	39.39	ng	98
91) Benzo(g,h,i)perylene	16.99	276	364201	38.40	ng	99

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

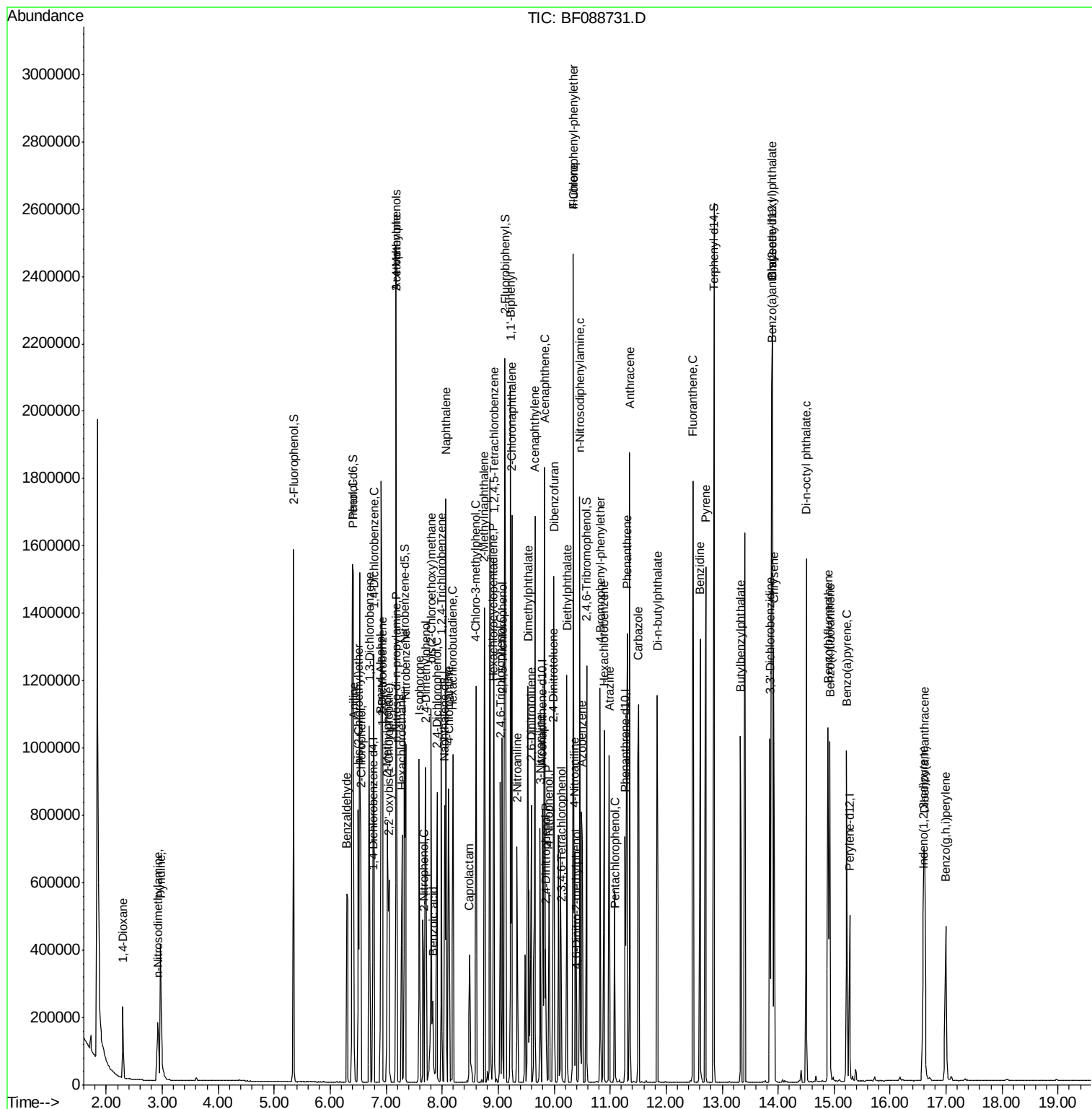
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\  
Data File : BF088731.D  
Acq On    : 6 Jul 2016 11:00  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
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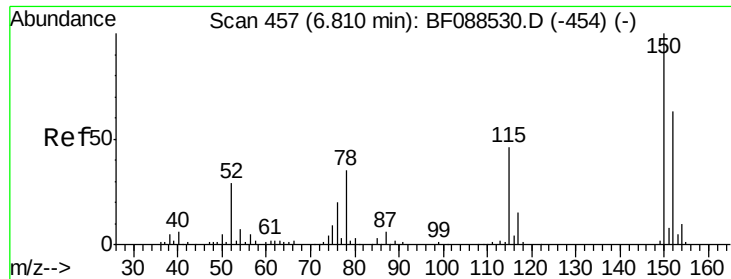
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations

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#1

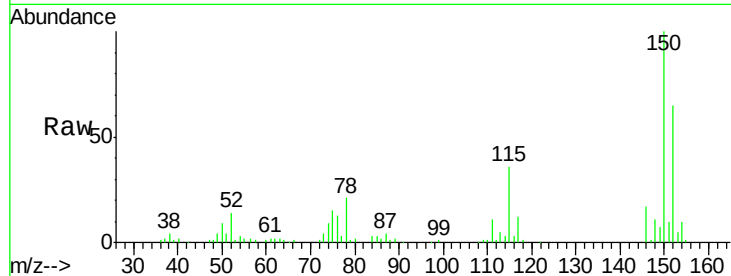
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

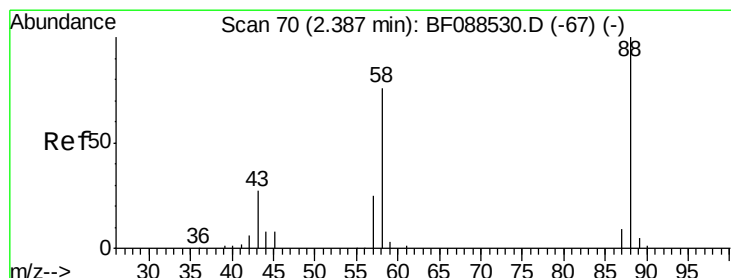
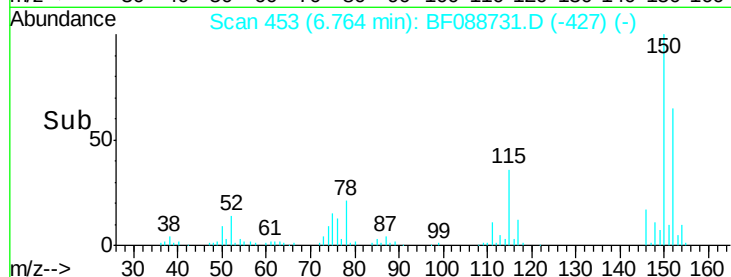
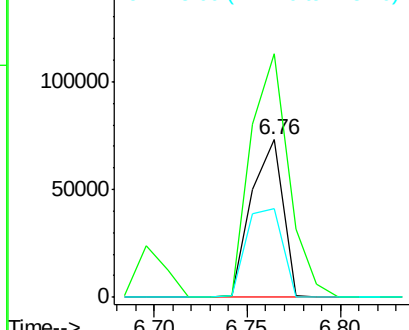
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.8	185.6
115	56.2	39.6	59.4

Manual Integrations

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7/7/2016 1:55:40 AM



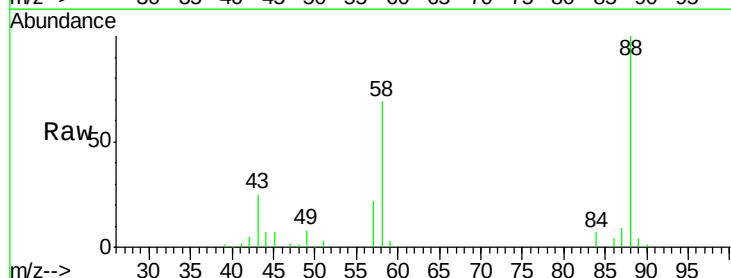
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



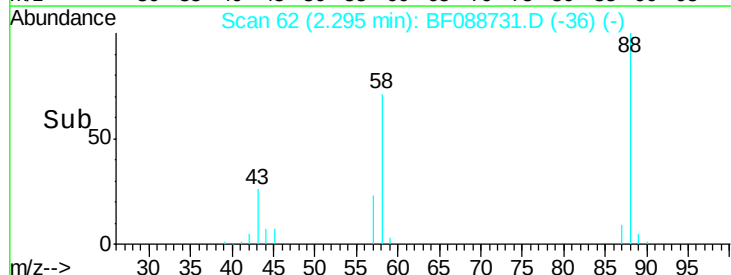
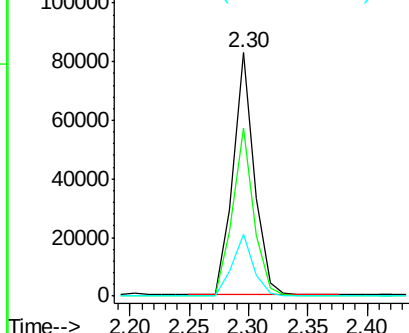
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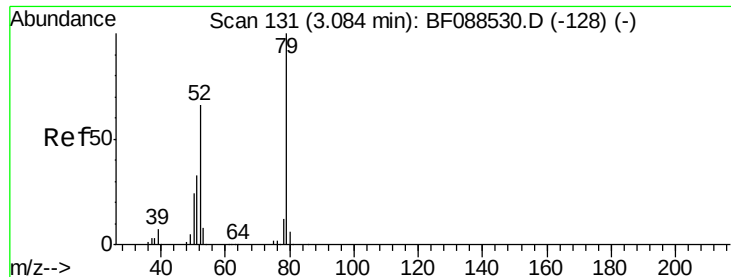
1,4-Dioxane
Concen: 36.34 ng
RT: 2.30 min Scan# 62
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	0.0	0.0#
43	25.1	3.4	5.2#



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





#3

Pyridine

Concen: 37.29 ng

RT: 2.97 min Scan# 121

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

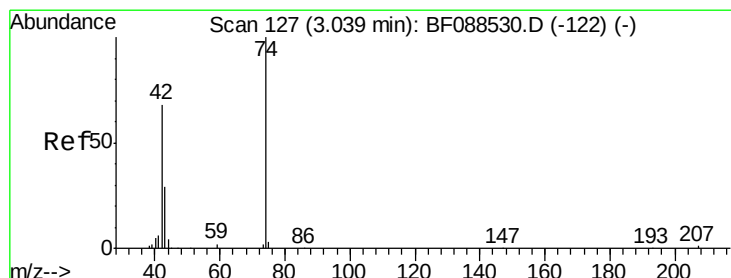
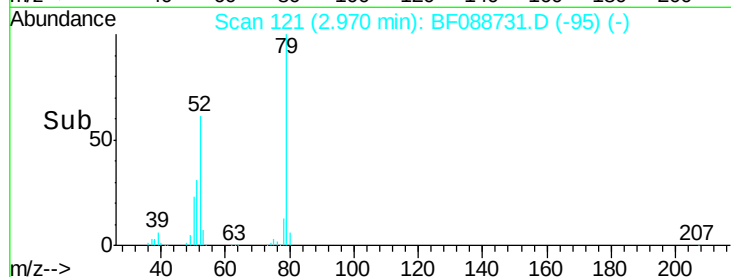
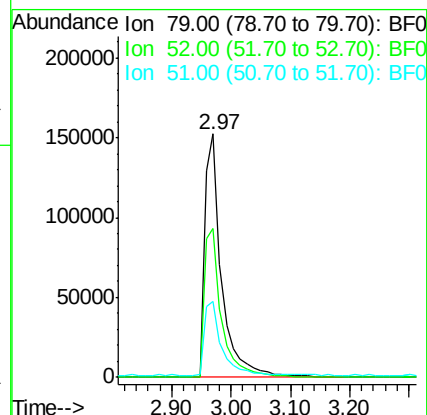
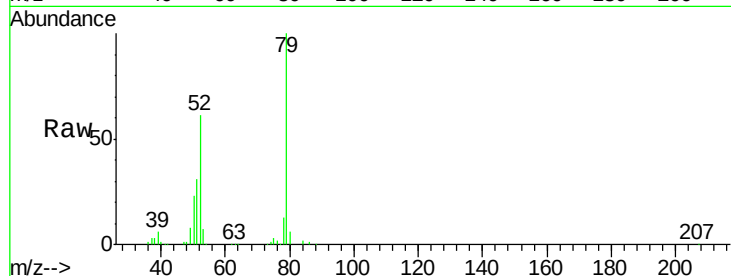
SSTDCCC040

Tgt Ion:	79	Resp:	305362
Ion	Ratio	Lower	Upper
79	100		
52	61.0	56.3	84.5
51	31.4	27.4	41.2

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 35.86 ng

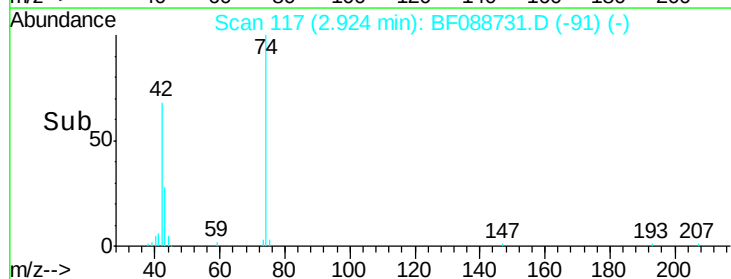
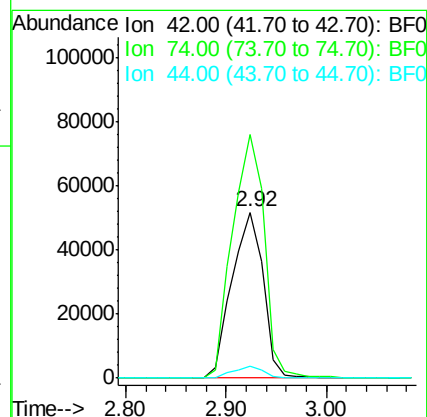
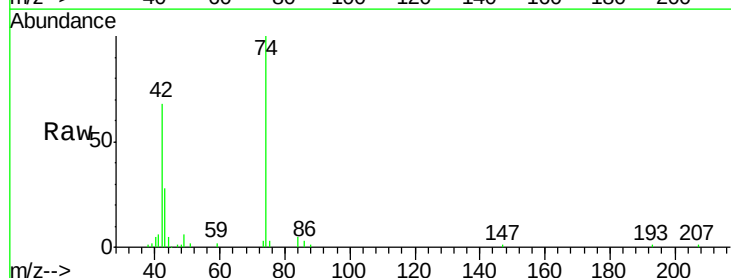
RT: 2.92 min Scan# 117

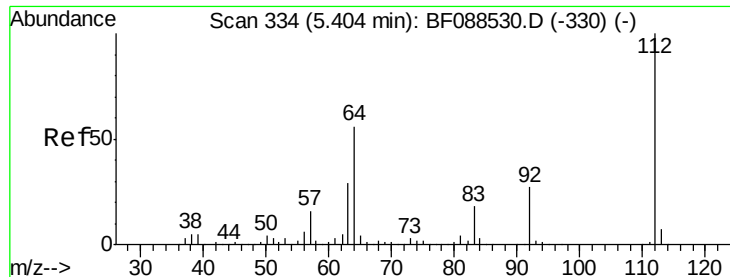
Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Tgt Ion:	42	Resp:	112187
Ion	Ratio	Lower	Upper
42	100		
74	146.7	108.6	163.0
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 82.27 ng

RT: 5.35 min Scan# 329

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

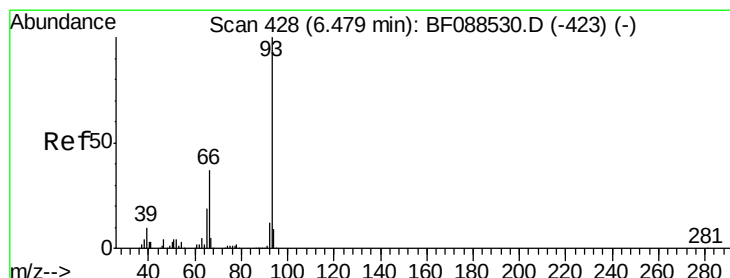
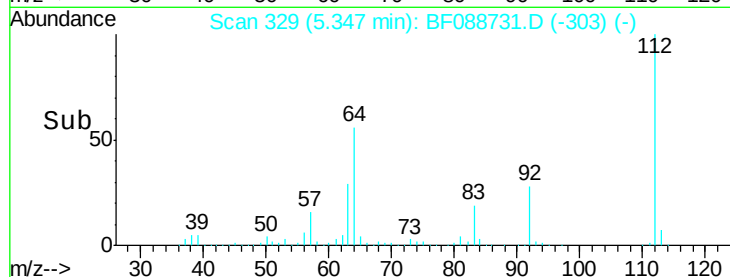
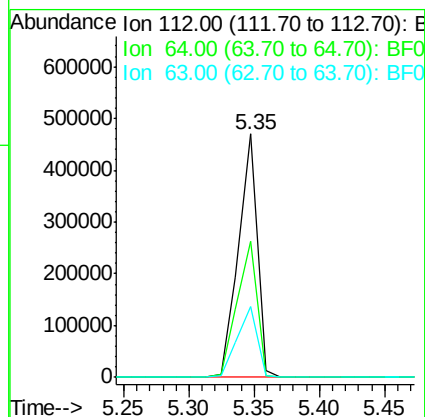
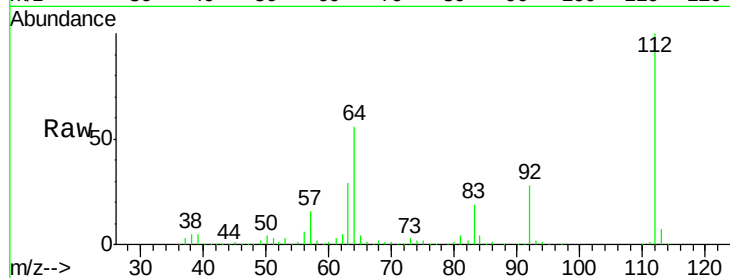
SSTDCCC040

Tgt Ion:	112	Resp:	468227
Ion Ratio	Lower	Upper	
112	100		
64	56.1	42.2	63.2
63	29.1	21.8	32.8

Manual Integrations

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#6

Aniline

Concen: 38.38 ng

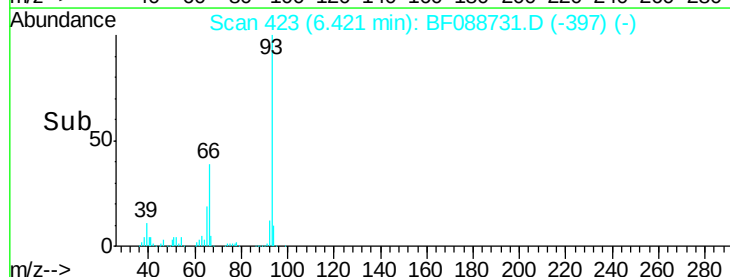
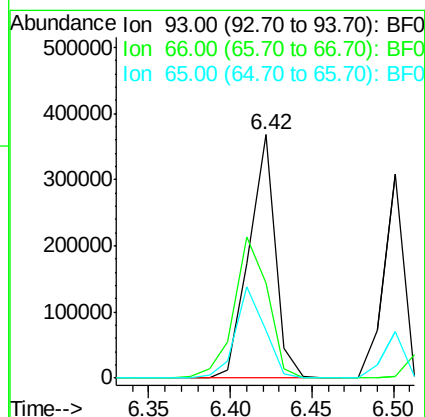
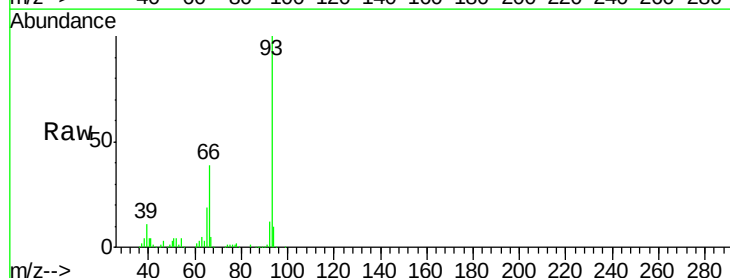
RT: 6.42 min Scan# 423

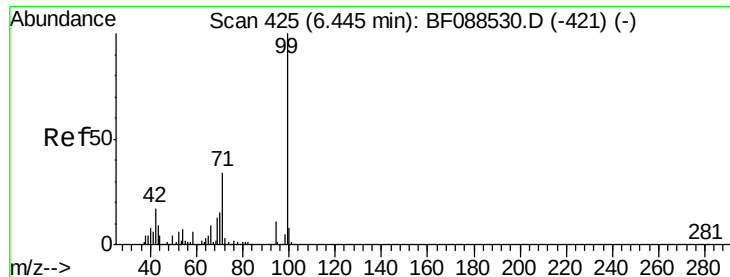
Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Tgt Ion:	93	Resp:	411378
Ion Ratio	Lower	Upper	
93	100		
66	39.2	29.8	44.8
65	19.4	14.9	22.3





#7

Phenol-d6

Concen: 77.24 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 568006

Ion Ratio Lower Upper

99 100

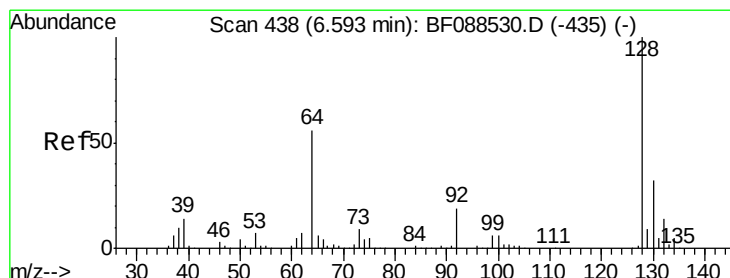
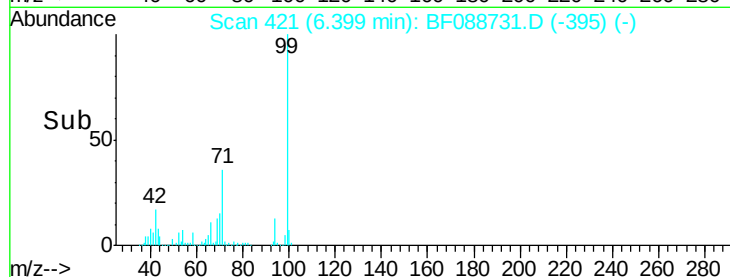
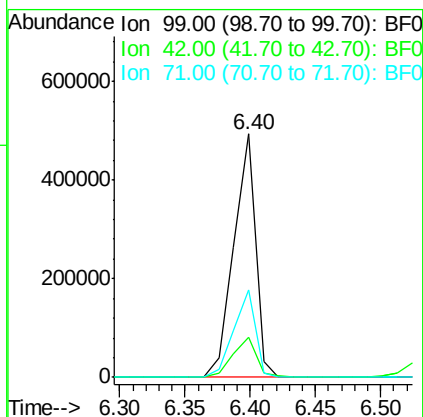
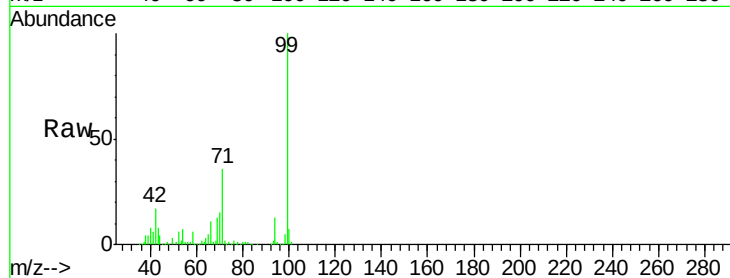
42 16.6 12.2 18.2

71 35.8 23.4 35.0#

Manual Integrations

SOHIL

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#8

2-Chlorophenol

Concen: 42.02 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

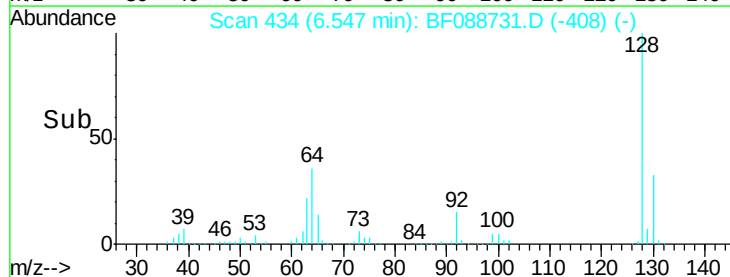
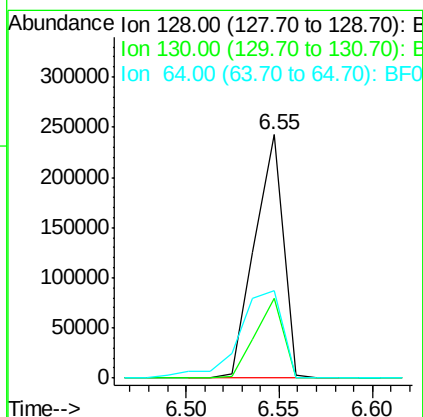
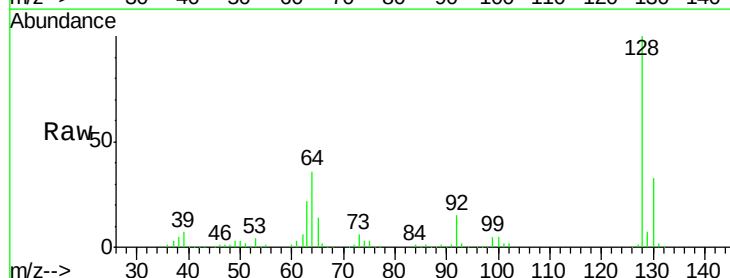
Tgt Ion: 128 Resp: 257047

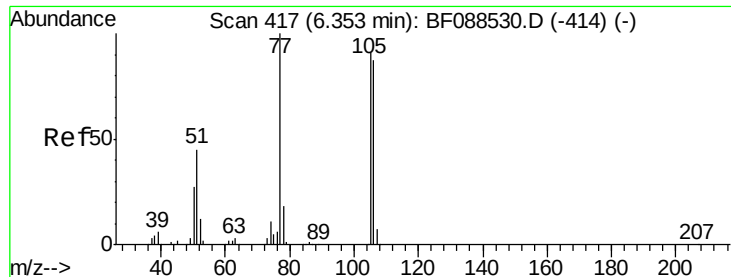
Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

64 35.7 30.8 70.8





#9

Benzaldehyde

Concen: 34.34 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

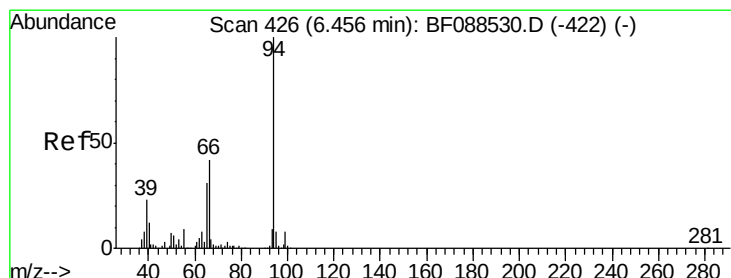
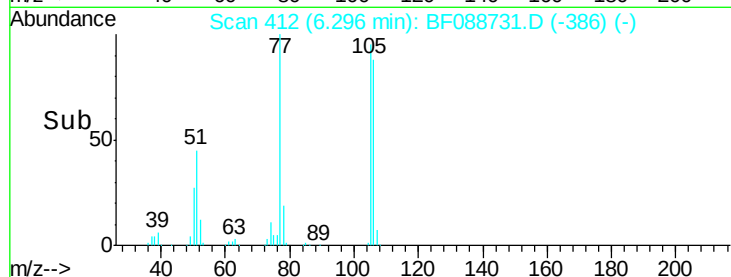
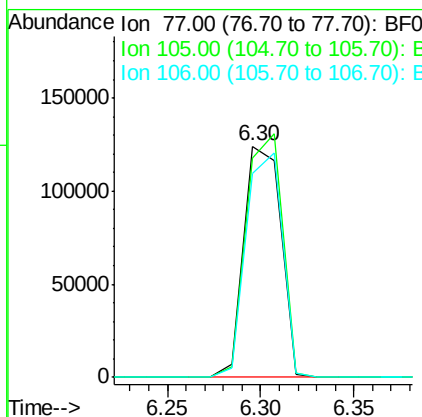
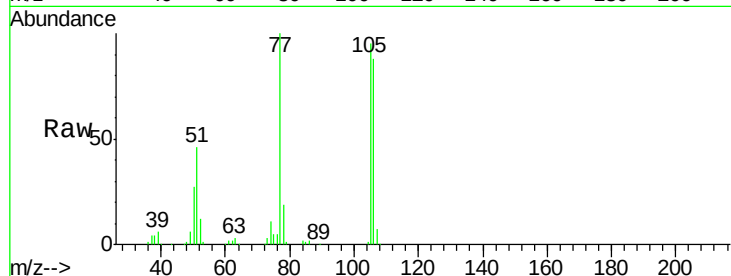
SSTDCCC040

Tgt Ion:	77	Resp:	171061
Ion Ratio	Lower	Upper	
77	100		
105	95.3	90.6	130.6
106	88.4	85.3	125.3

Manual Integrations

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#10

Phenol

Concen: 38.93 ng

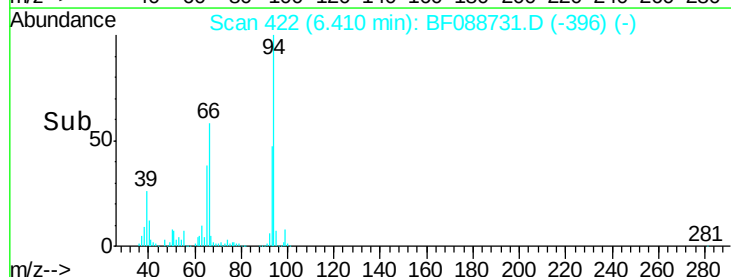
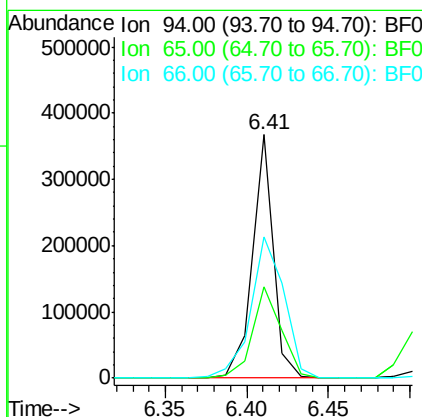
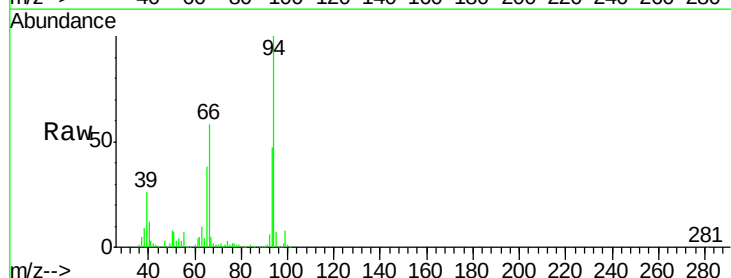
RT: 6.41 min Scan# 422

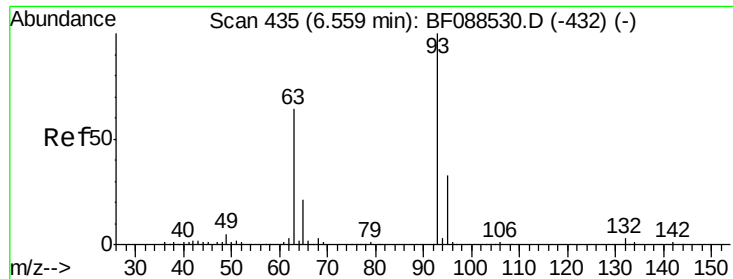
Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Tgt Ion:	94	Resp:	326775
Ion Ratio	Lower	Upper	
94	100		
65	37.7	5.9	45.9
66	57.9	14.0	54.0#





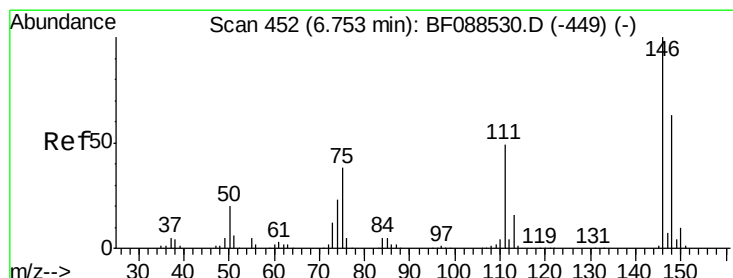
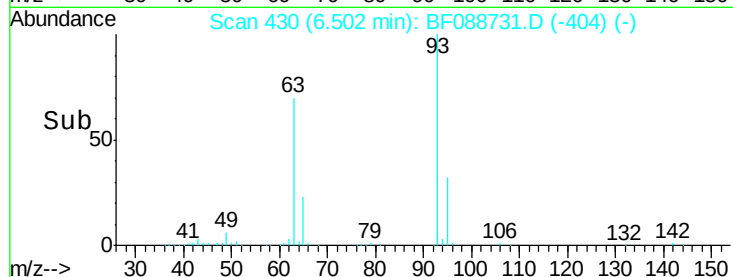
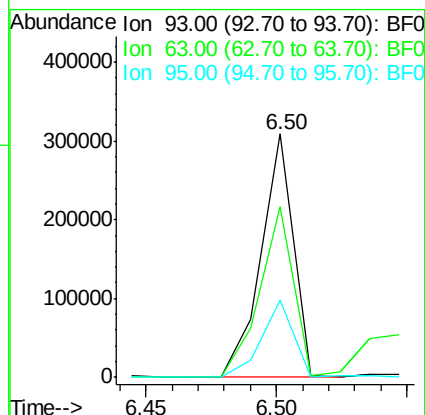
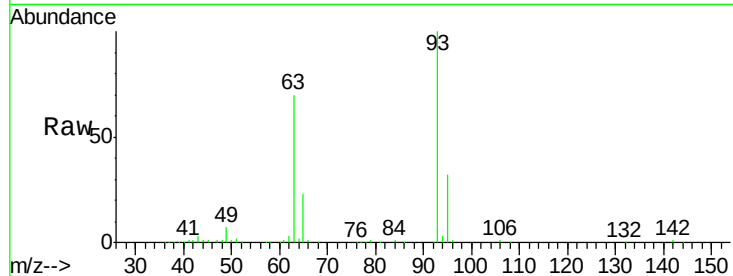
#11
bis(2-Chloroethyl)ether
Concen: 42.05 ng
RT: 6.50 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	93	Resp:	263168
Ion	Ratio	Lower	Upper
93	100		
63	70.2	67.6	107.6
95	31.8	12.5	52.5

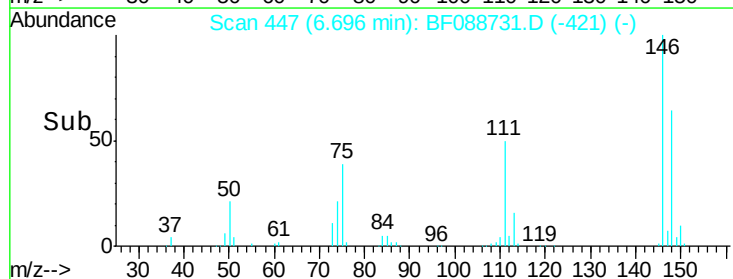
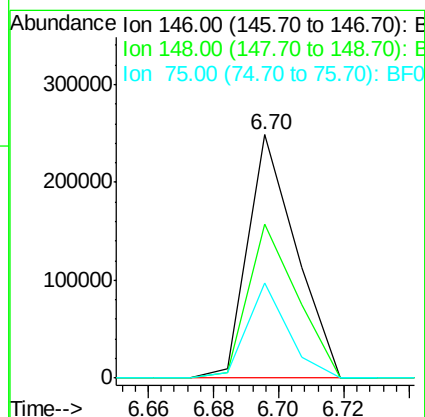
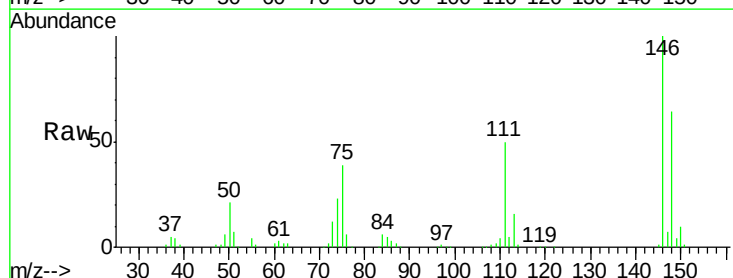
Manual Integrations

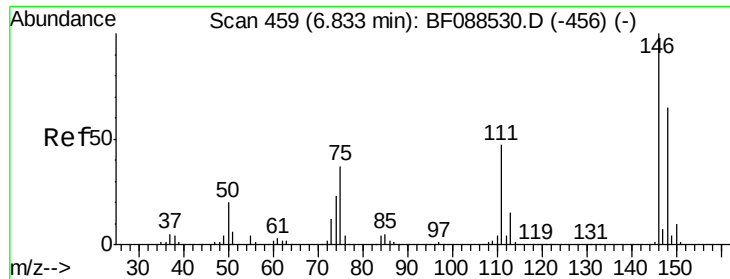
APPROVED
SOHIL
7/7/2016 1:55:40 AM



#12
1,3-Dichlorobenzene
Concen: 37.84 ng m
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion:	146	Resp:	254701
Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.9	76.3
75	39.0	25.6	38.4#





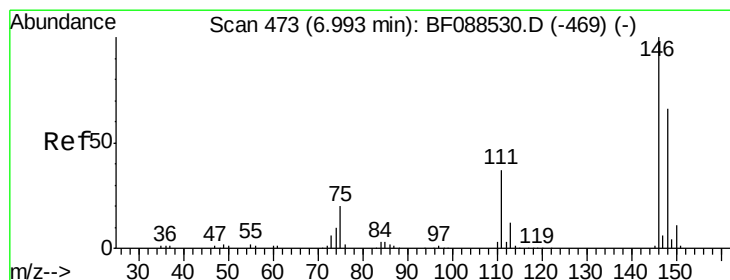
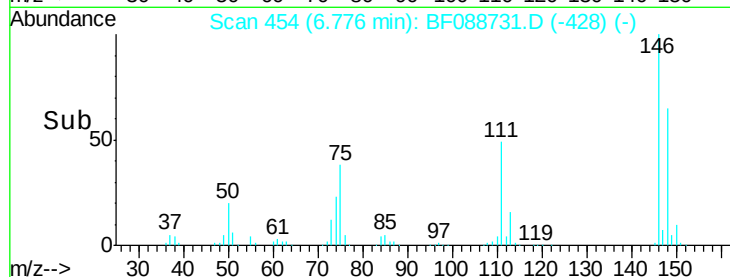
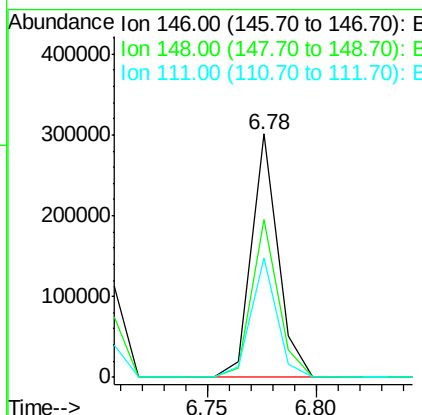
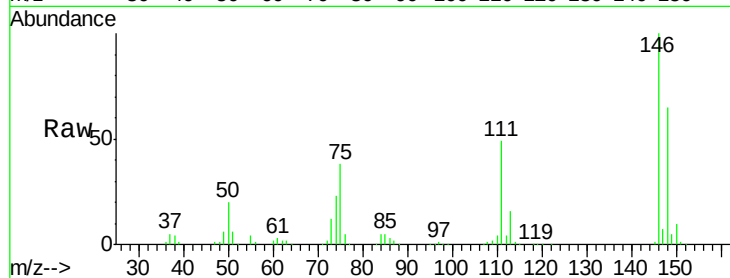
#13
 1,4-Dichlorobenzene
 Concen: 38.12 ng
 RT: 6.78 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.0	78.0
111	49.2	33.8	50.8

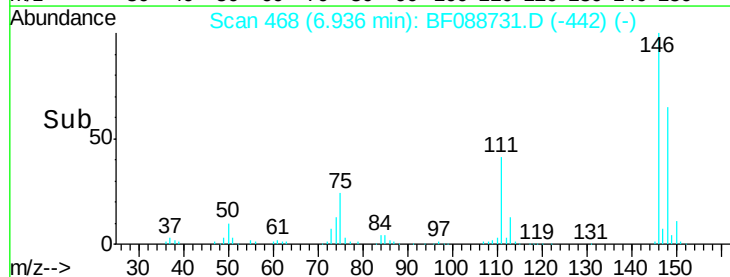
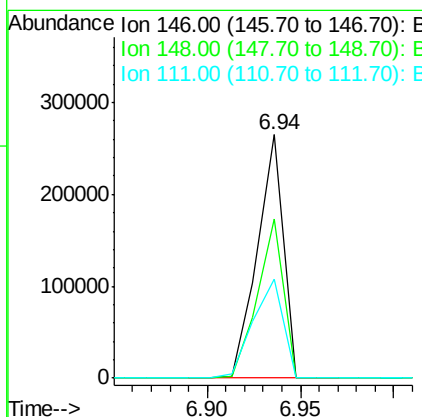
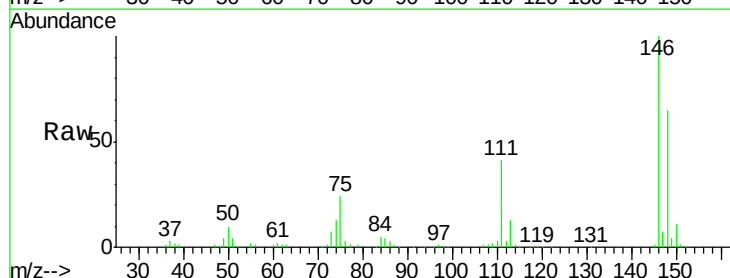
Manual Integrations

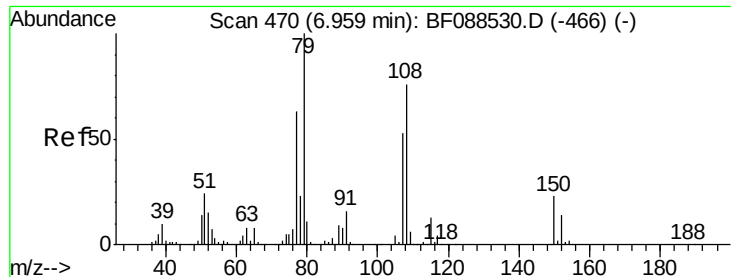
SOHIL
 7/7/2016 1:55:40 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.75 ng
 RT: 6.94 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.3	78.5
111	40.5	28.7	43.1





#15

Benzyl Alcohol

Concen: 36.41 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

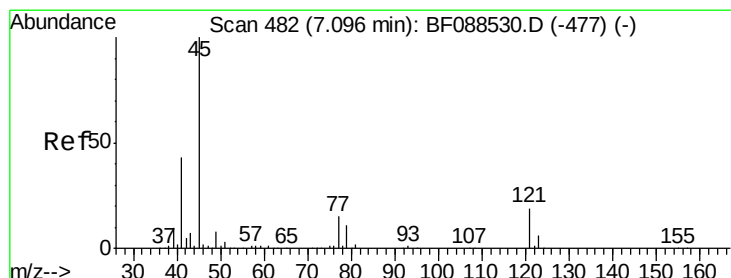
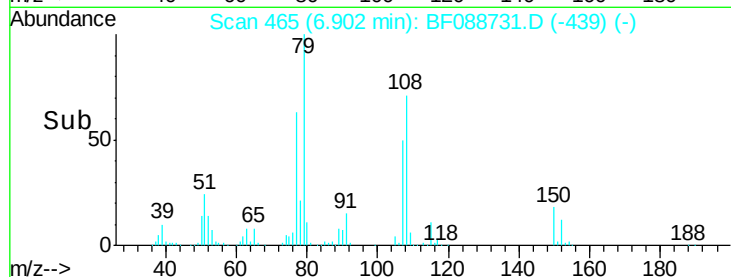
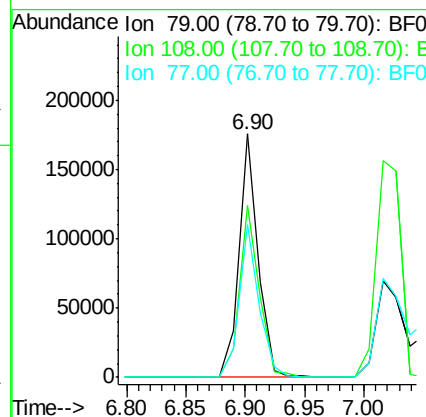
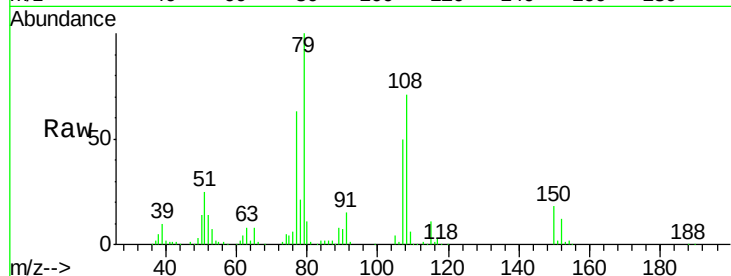
SSTDCCC040

Tgt Ion:	79	Resp:	197077
Ion	Ratio	Lower	Upper
79	100		
108	70.6	65.0	97.6
77	62.8	50.3	75.5

Manual Integrations

SOHIL

7/7/2016 1:55:40 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.04 ng

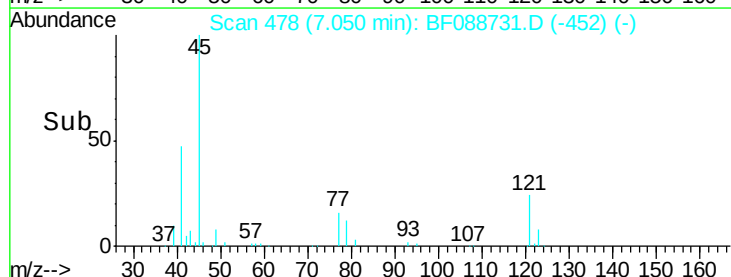
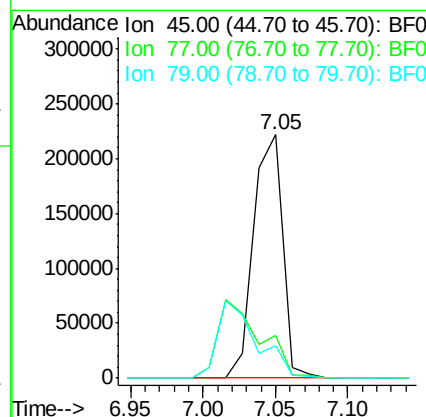
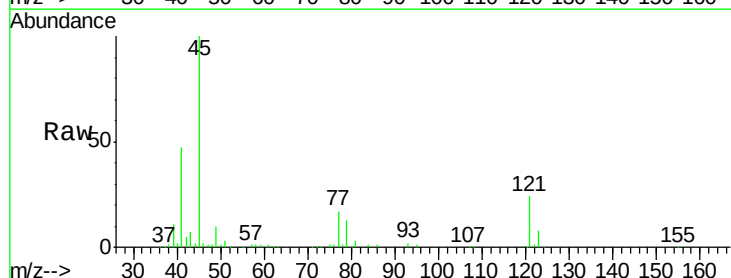
RT: 7.05 min Scan# 478

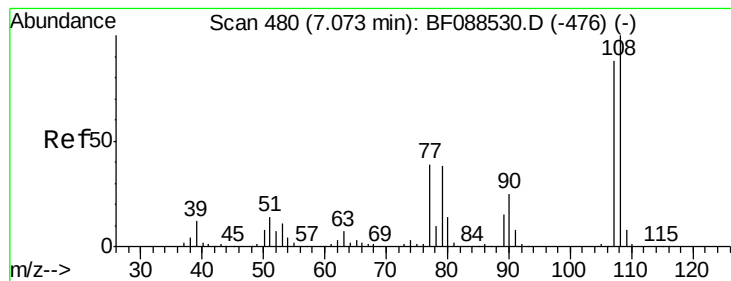
Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

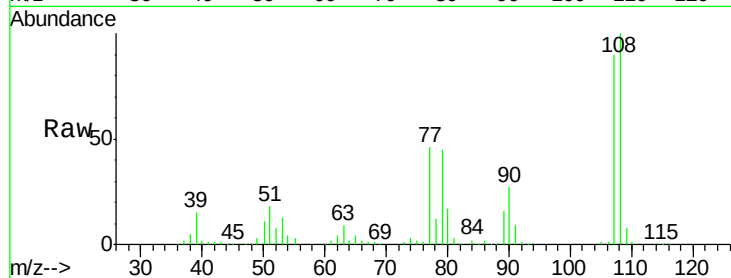
Tgt Ion:	45	Resp:	308574
Ion	Ratio	Lower	Upper
45	100		
77	17.3	0.0	32.5
79	13.3	0.0	29.5





#17
2-Methylphenol
Concen: 40.83 ng
RT: 7.02 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

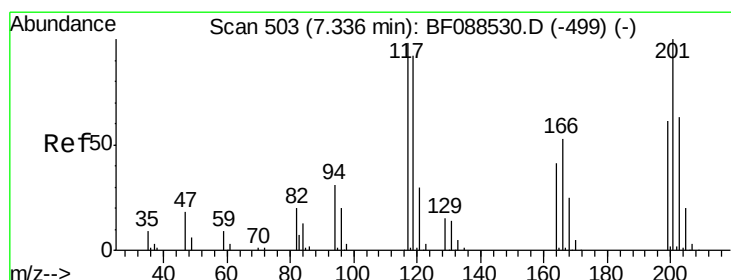
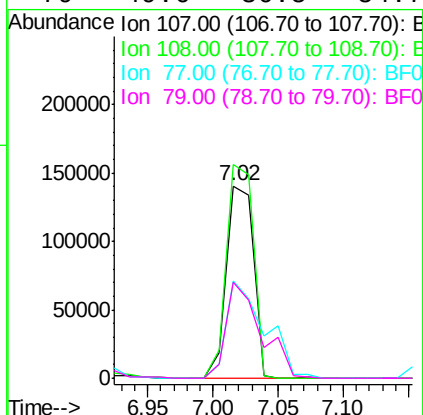
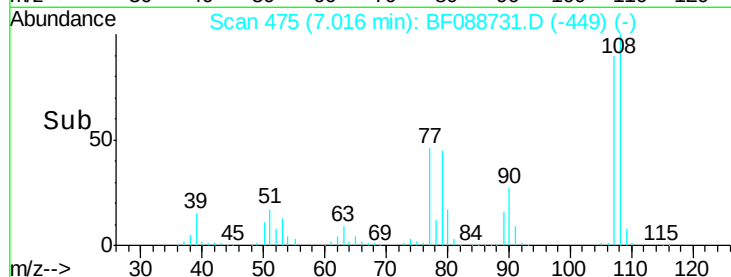
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	203746		
108	111.0	90.9	136.3	
77	50.8	36.6	55.0	
79	49.6	36.5	54.7	

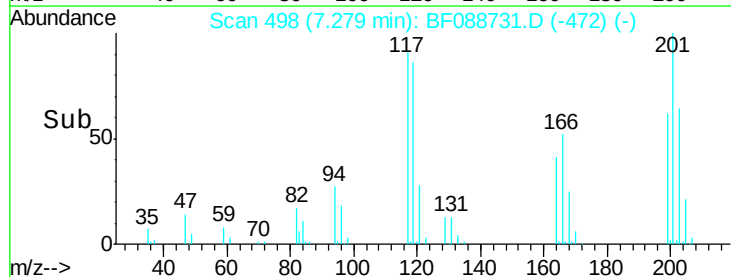
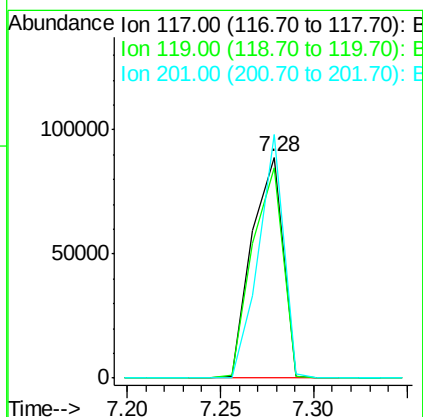
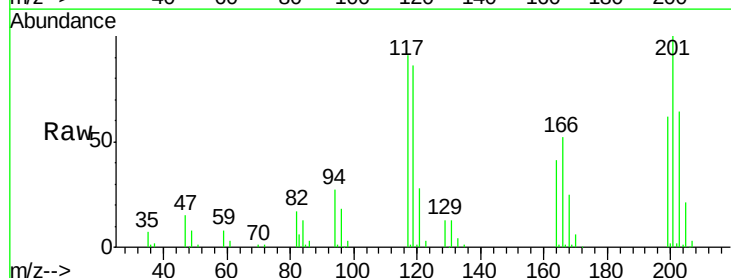
Manual Integrations

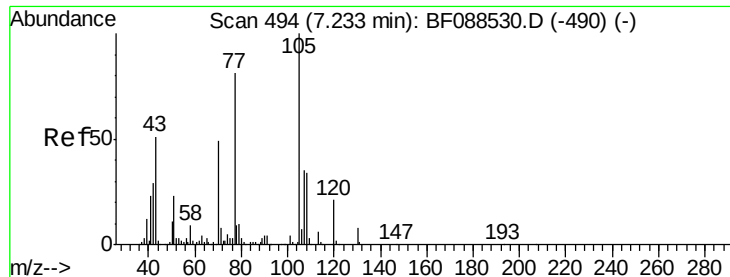
SOHIL
7/7/2016 1:55:40 AM



#18
Hexachloroethane
Concen: 39.85 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	102986		
119	94.8	77.4	116.2	
201	110.1	80.4	120.6	





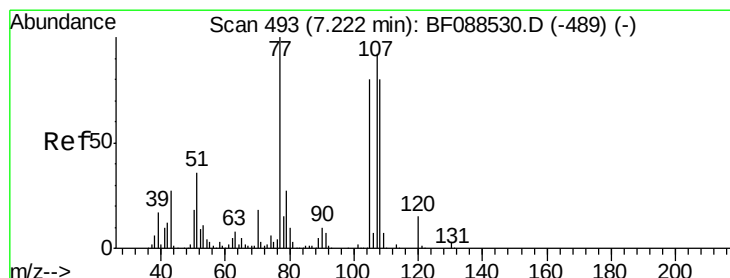
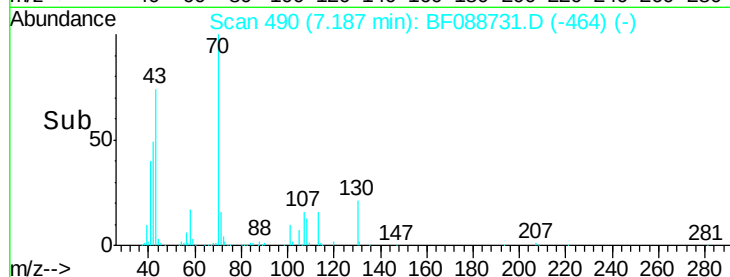
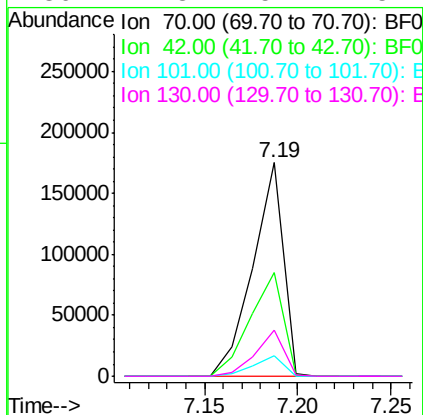
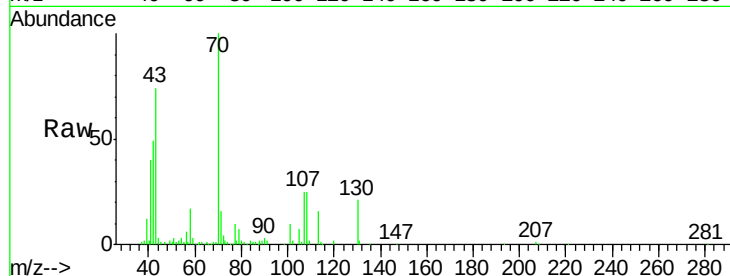
#19
n-Nitroso-di-n-propylamine
Concen: 40.26 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.6	49.6	74.4#
101	9.9	7.1	10.7
130	21.3	15.4	23.2

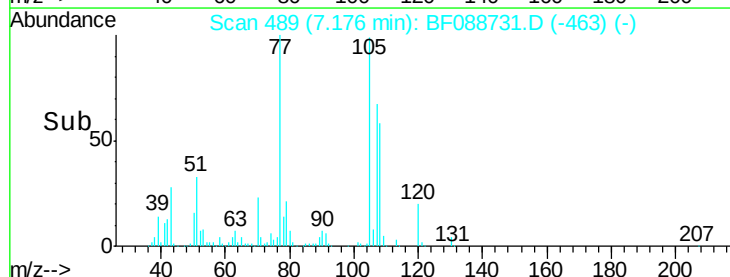
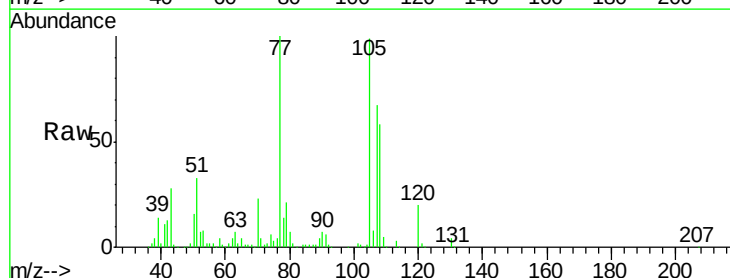
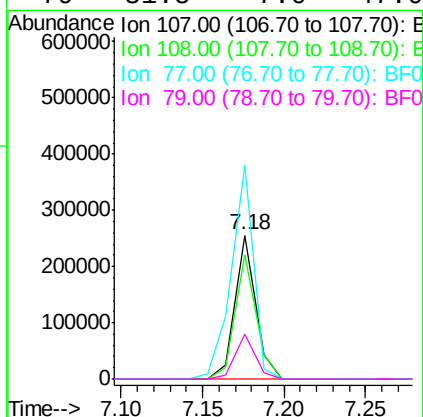
Manual Integrations

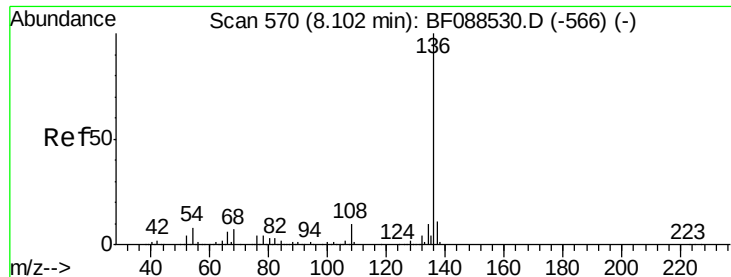
APPROVED
SOHIL
7/7/2016 1:55:40 AM



#20
3+4-Methylphenols
Concen: 37.17 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.5	67.8	107.8
77	148.8	59.3	99.3#
79	31.5	7.0	47.0





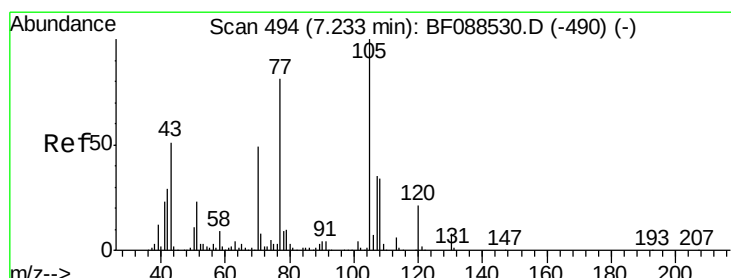
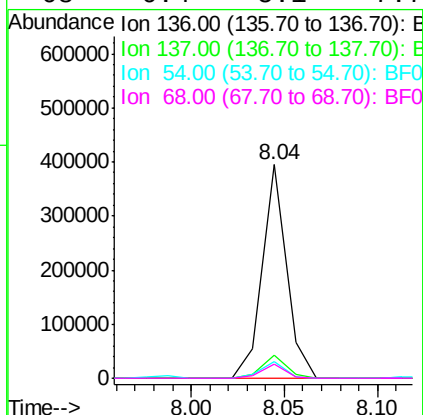
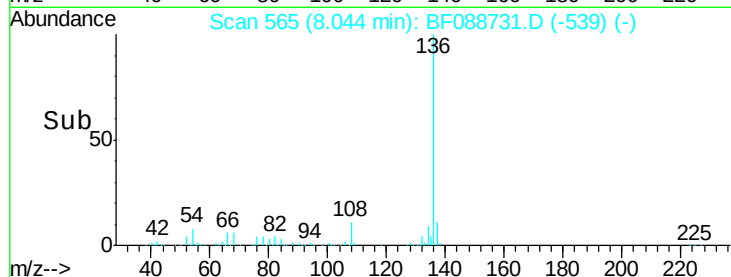
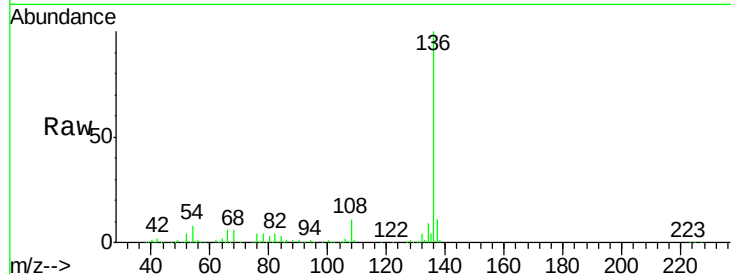
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	355026		
137	11.0	9.1	13.7	
54	8.1	6.6	10.0	
68	6.4	5.1	7.7	

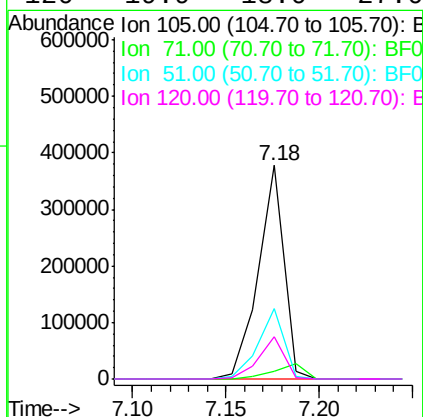
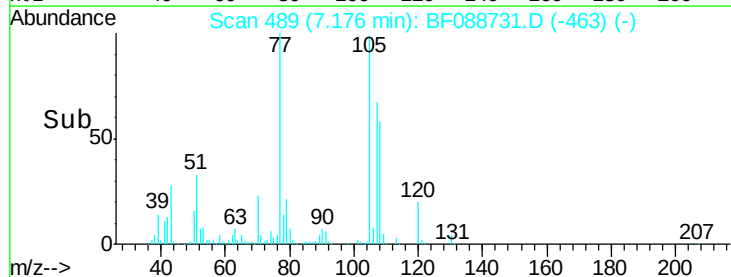
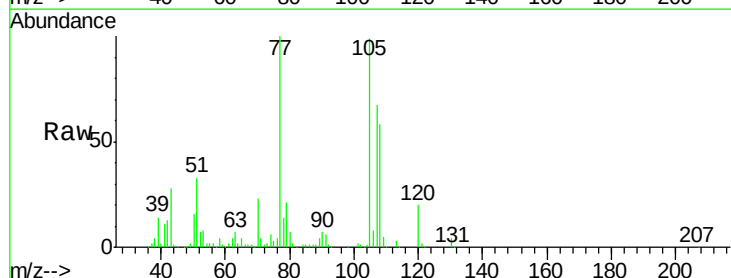
Manual Integrations

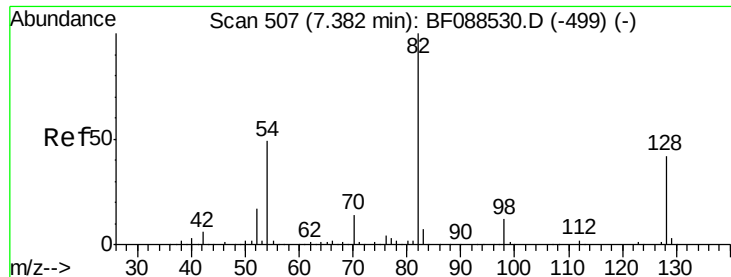
SOHIL
7/7/2016 1:55:40 AM



#22
Acetophenone
Concen: 41.47 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	357323		
71	3.8	5.3	7.9#	
51	33.0	18.2	27.4#	
120	19.9	18.0	27.0	





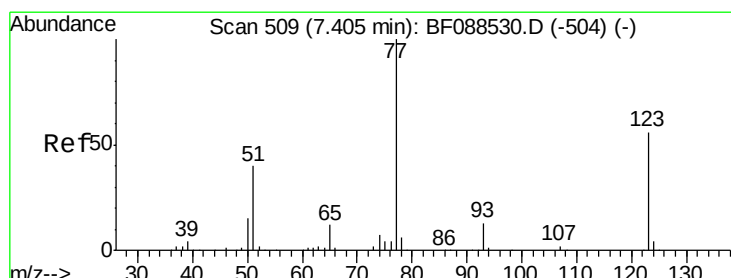
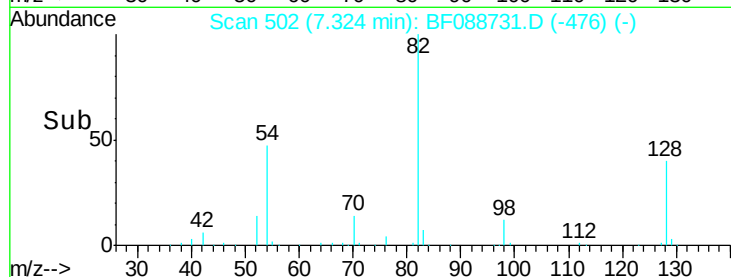
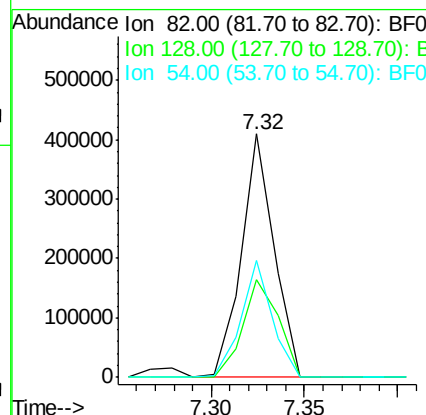
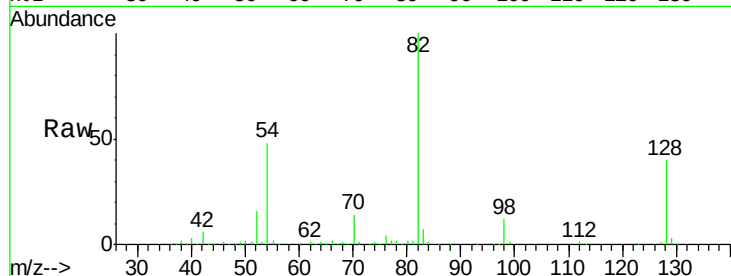
#23
Nitrobenzene-d5
Concen: 73.66 ng
RT: 7.32 min Scan# 502
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.3	35.9	53.9
54	48.2	40.9	61.3

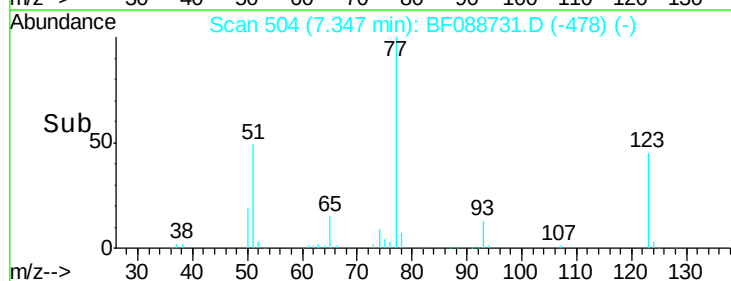
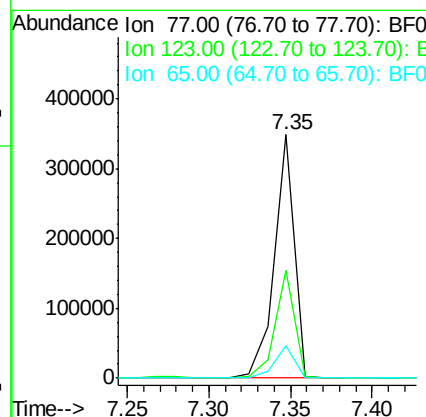
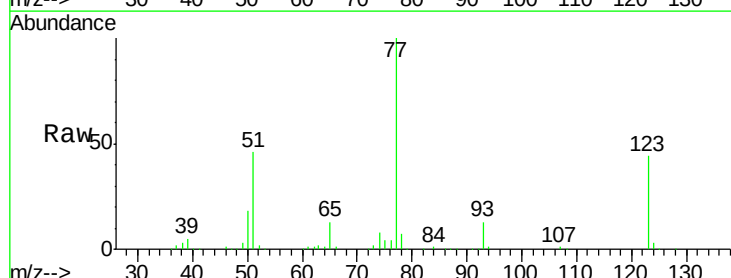
Manual Integrations

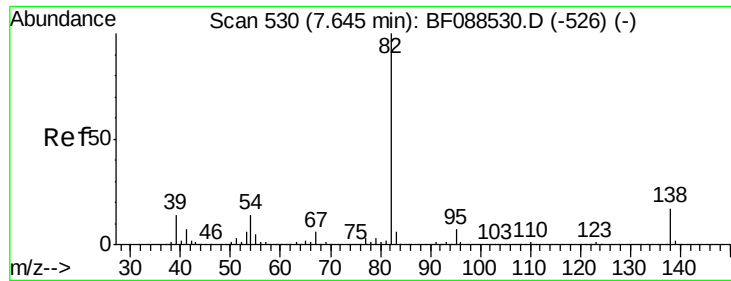
APPROVED
SOHIL
7/7/2016 1:55:40 AM



#24
Nitrobenzene
Concen: 43.58 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.5	45.0	67.4#
65	13.1	10.2	15.2





#25

Isophorone

Concen: 37.86 ng

RT: 7.59 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

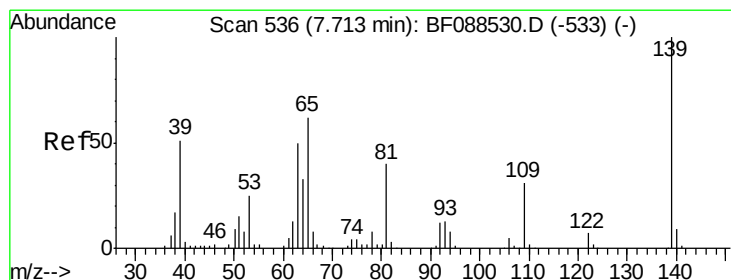
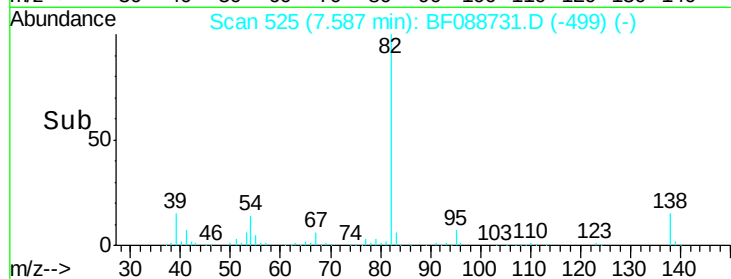
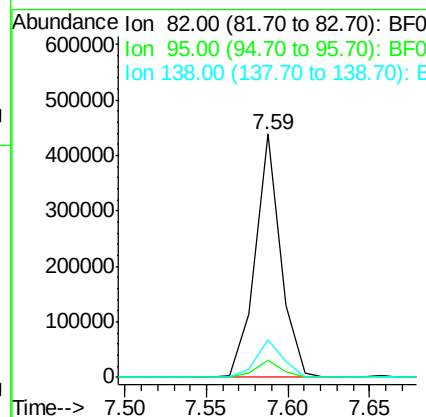
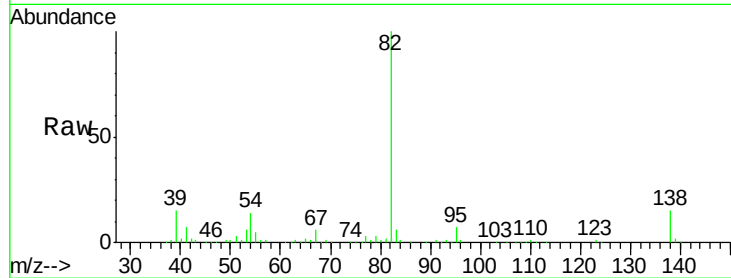
SSTDCCC040

Tgt Ion:	82	Resp:	475062
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.4	8.2
138	15.2	14.6	21.8

Manual Integrations

SOHIL

7/7/2016 1:55:40 AM



#26

2-Nitrophenol

Concen: 45.59 ng

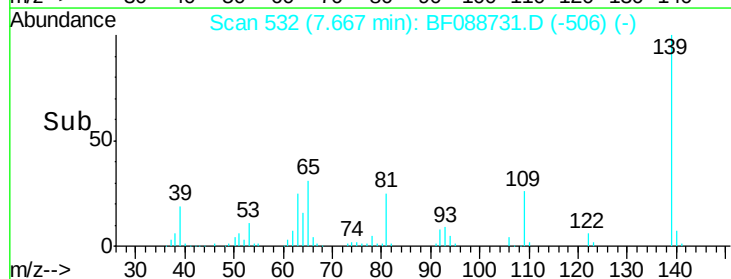
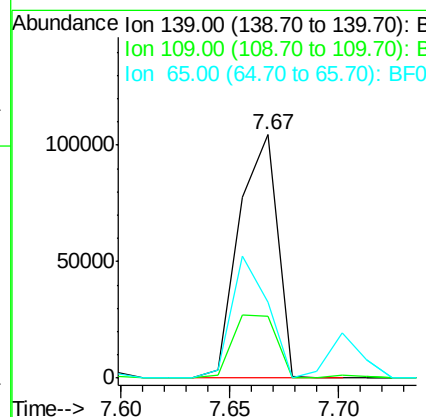
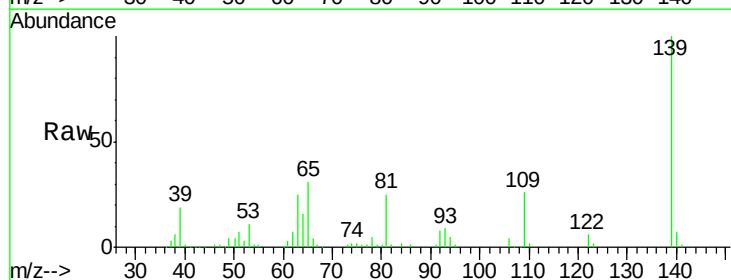
RT: 7.67 min Scan# 532

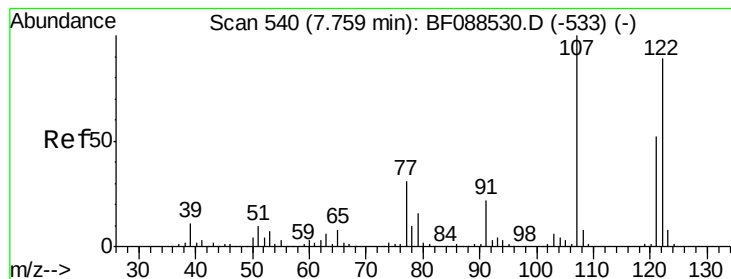
Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Tgt Ion:	139	Resp:	127696
Ion Ratio	Lower	Upper	
139	100		
109	25.6	23.0	34.4
65	31.5	45.8	68.8#





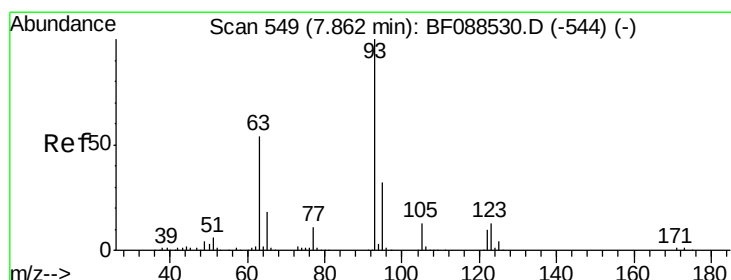
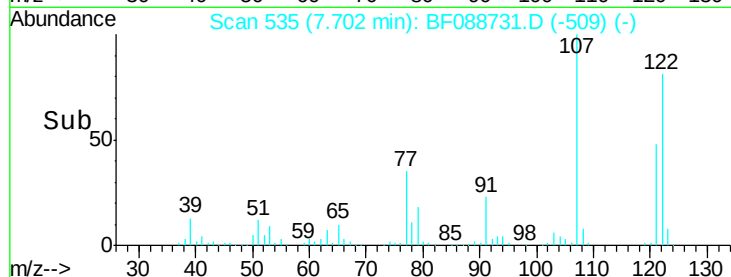
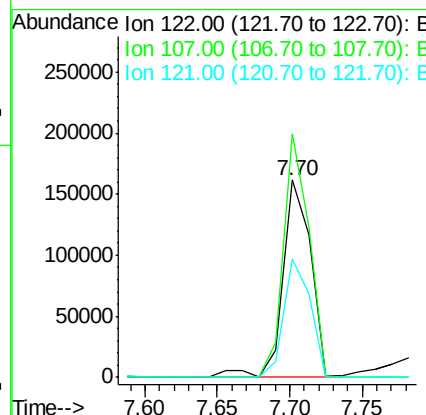
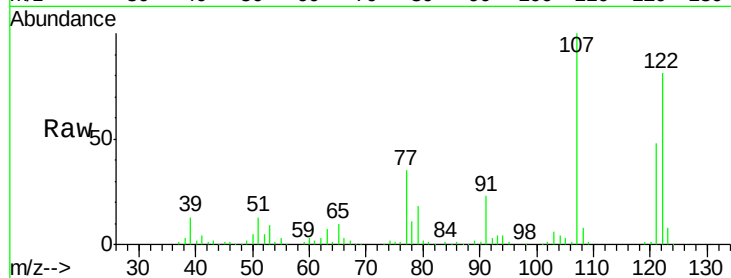
#27
2,4-Dimethylphenol
Concen: 36.93 ng
RT: 7.70 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
122	100		
107	123.5	82.4	123.6
121	59.8	46.3	69.5

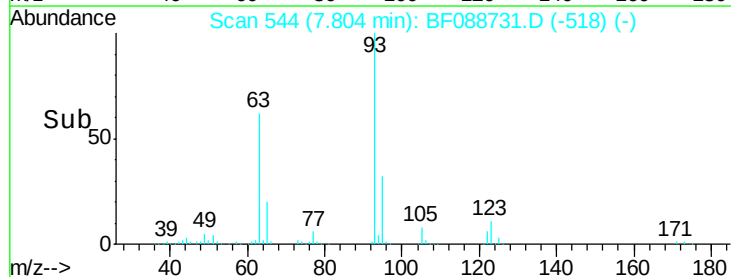
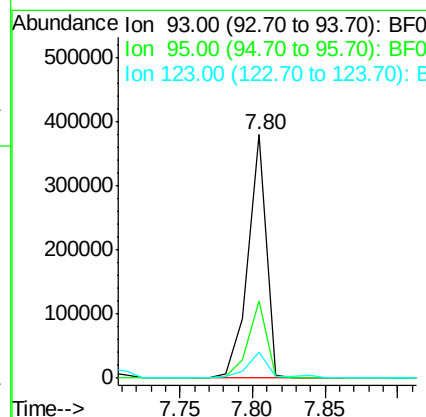
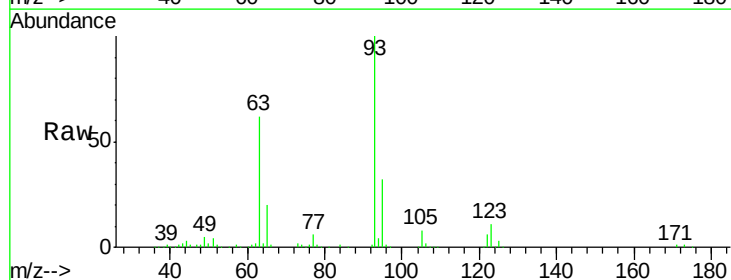
Manual Integrations

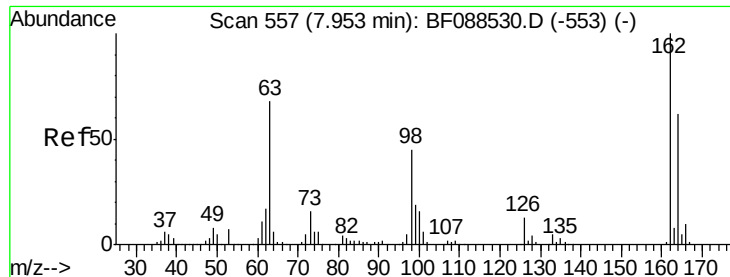
SOHIL
7/7/2016 1:55:40 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.81 ng
RT: 7.80 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.5	39.7
123	10.6	11.6	17.4





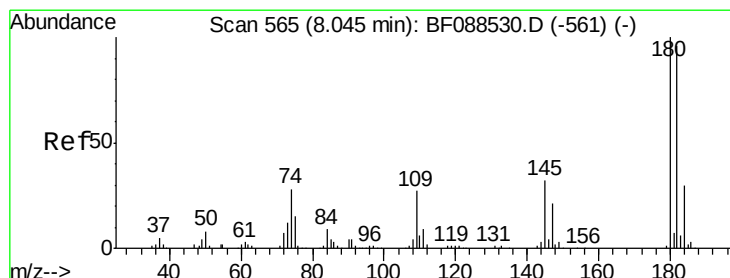
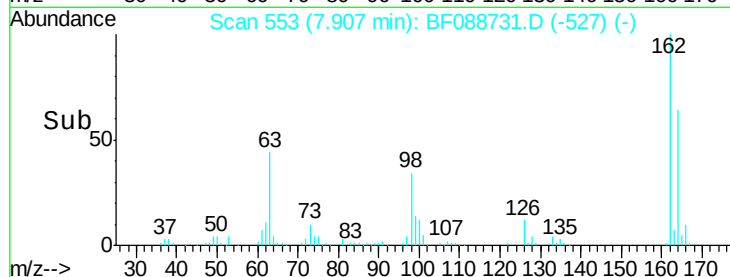
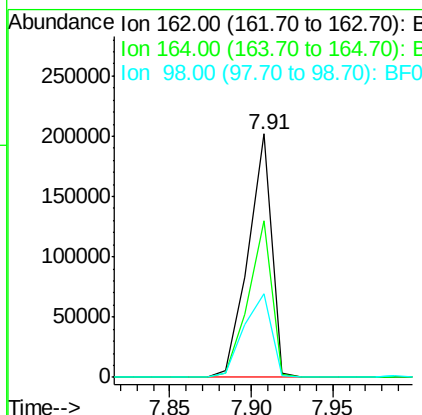
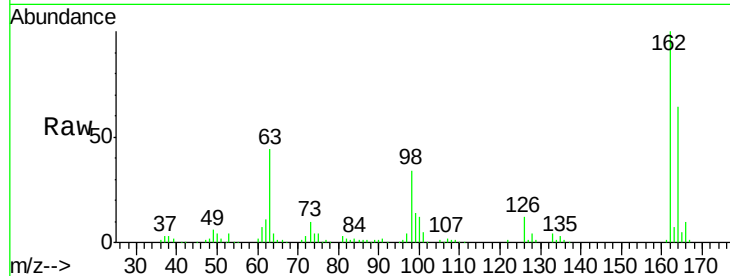
#29
2,4-Dichlorophenol
Concen: 42.84 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	202009		
164	64.4	43.8	83.8	
98	34.3	21.3	61.3	

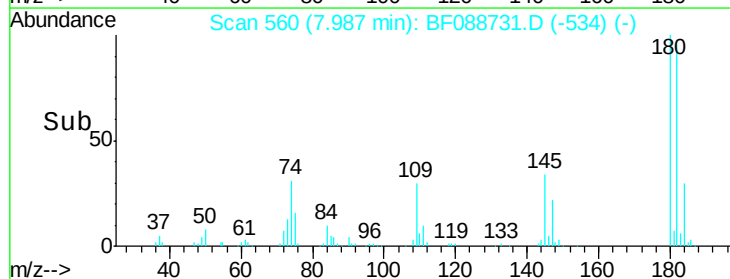
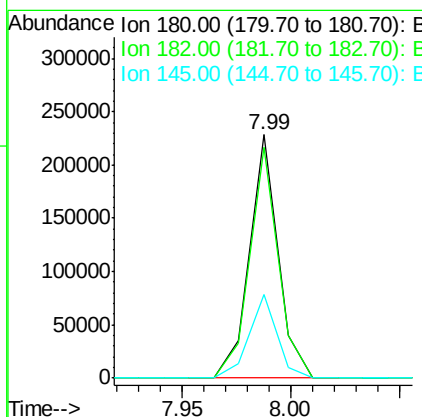
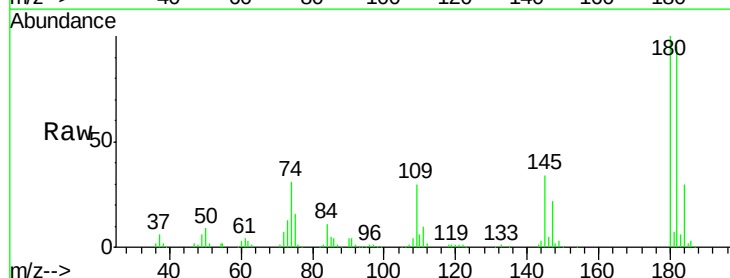
Manual Integrations

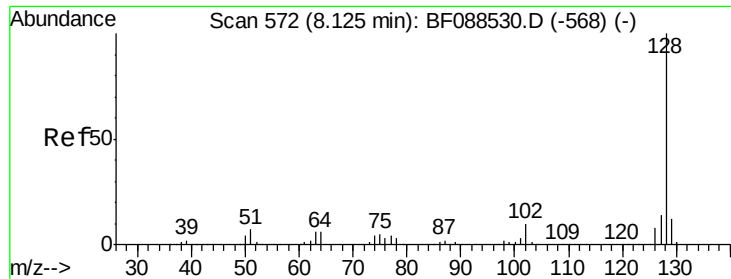
APPROVED
SOHIL
7/7/2016 1:55:40 AM



#30
1,2,4-Trichlorobenzene
Concen: 40.24 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	208197		
182	95.0	76.0	114.0	
145	34.2	26.5	39.7	





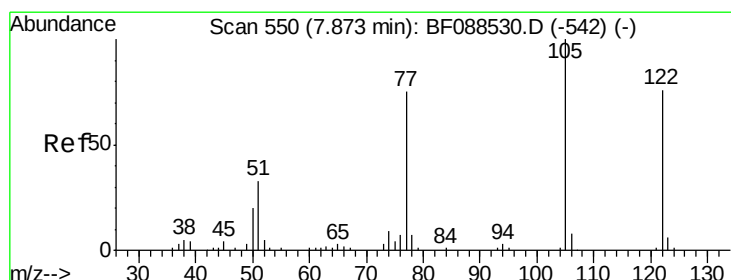
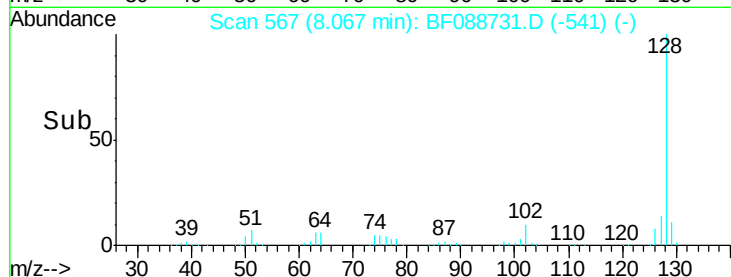
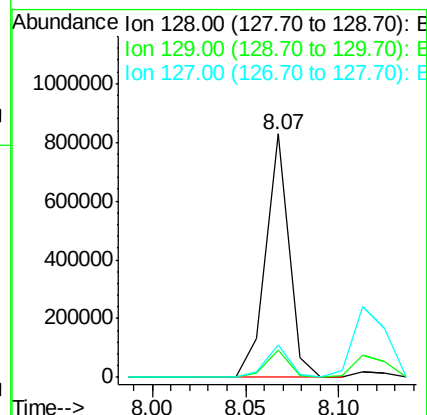
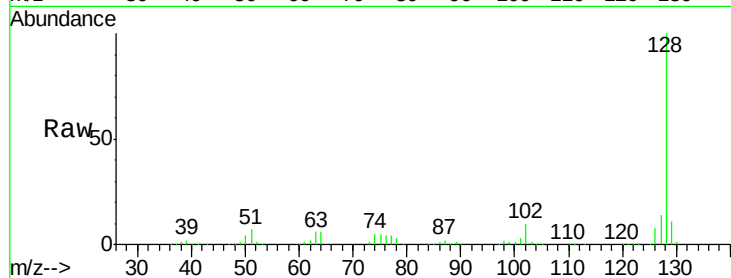
#31
Naphthalene
Concen: 40.58 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 710194
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.5 10.9 16.3

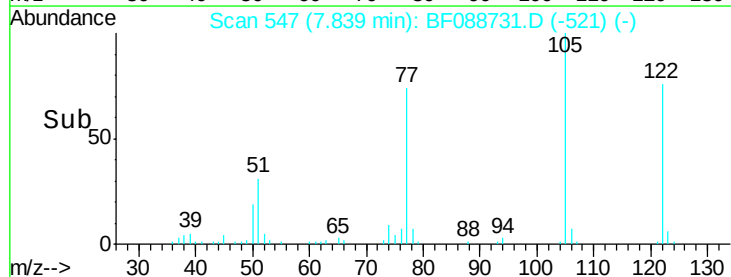
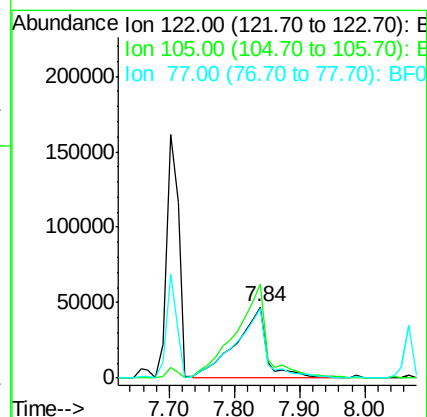
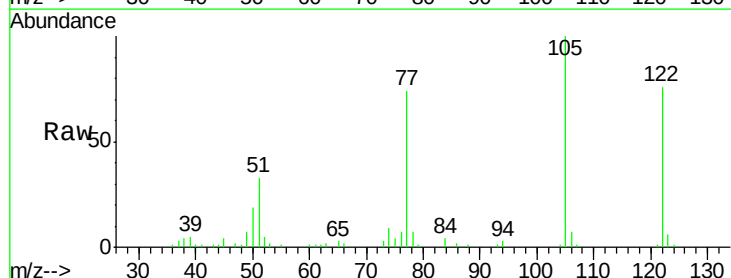
Manual Integrations

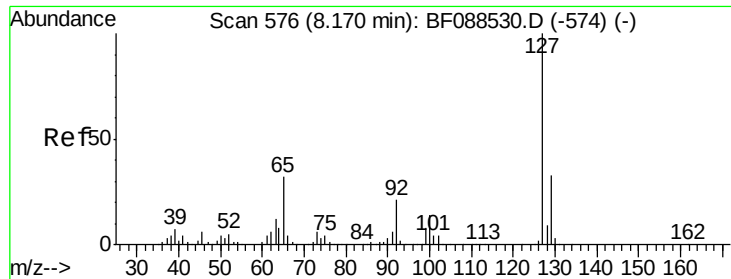
SOHIL
7/7/2016 1:55:40 AM



#32
Benzoic acid
Concen: 36.24 ng
RT: 7.84 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion:122 Resp: 153485
Ion Ratio Lower Upper
122 100
105 131.3 101.6 141.6
77 97.1 70.6 110.6





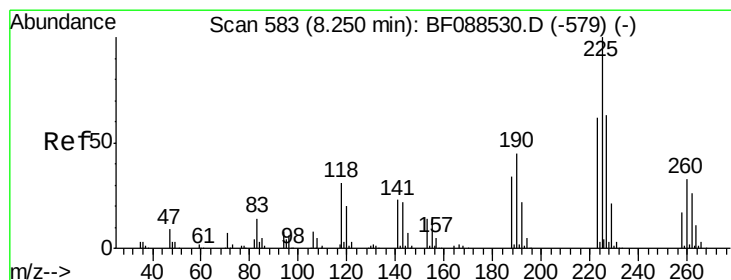
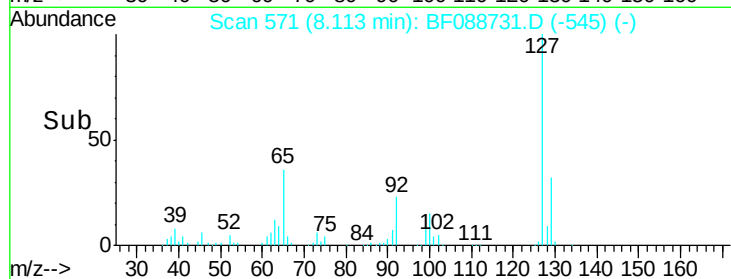
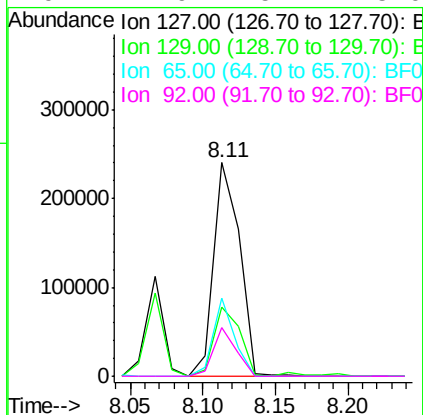
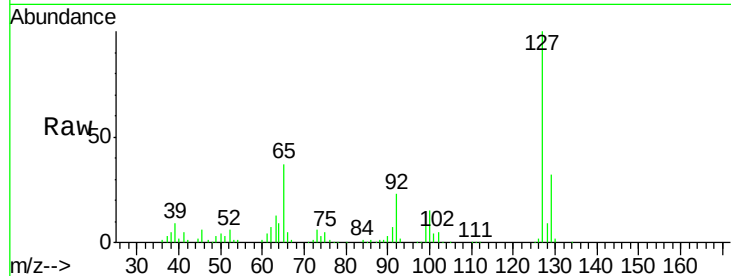
#33
4-Chloroaniline
Concen: 38.24 ng
RT: 8.11 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	297807		
129	32.2	26.3	39.5	
65	36.7	24.7	37.1	
92	22.9	15.4	23.0	

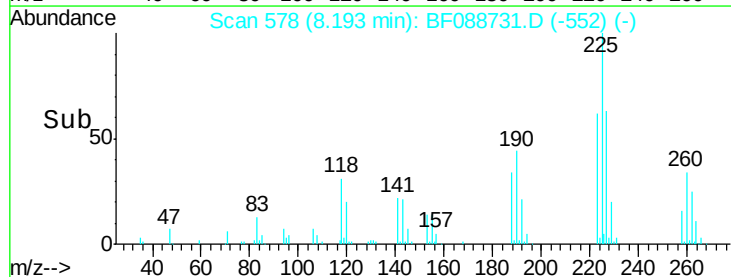
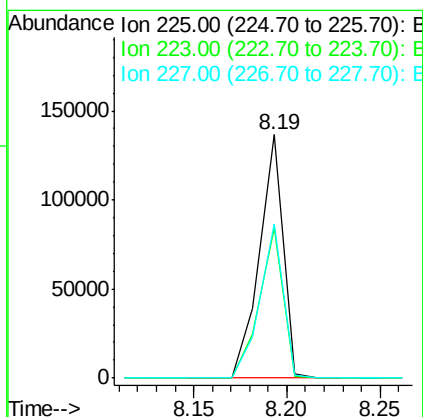
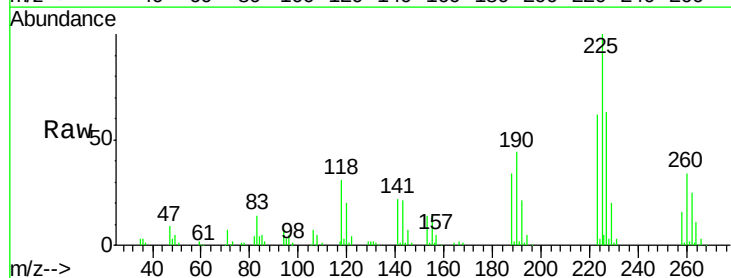
Manual Integrations

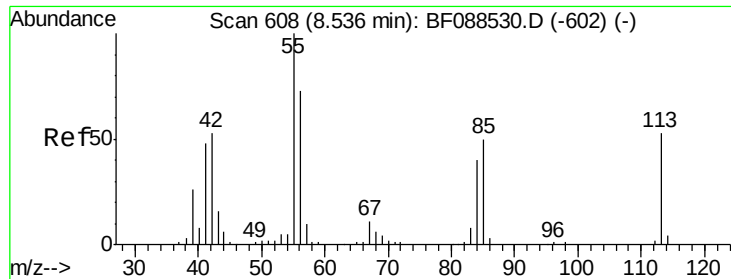
APPROVED
SOHIL
7/7/2016 1:55:40 AM



#34
Hexachlorobutadiene
Concen: 44.09 ng
RT: 8.19 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	122144		
223	61.7	50.9	76.3	
227	63.4	51.9	77.9	





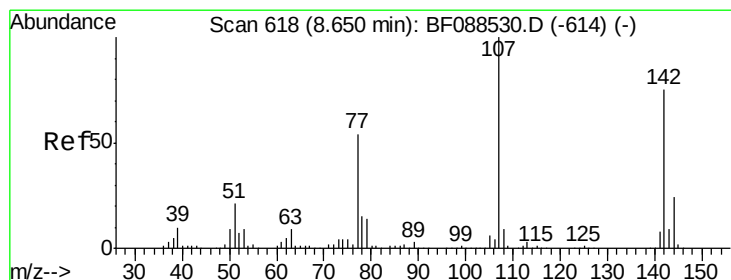
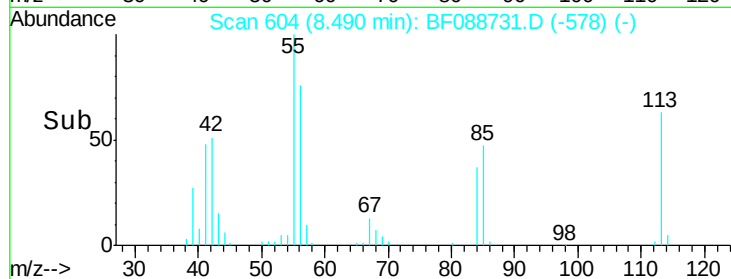
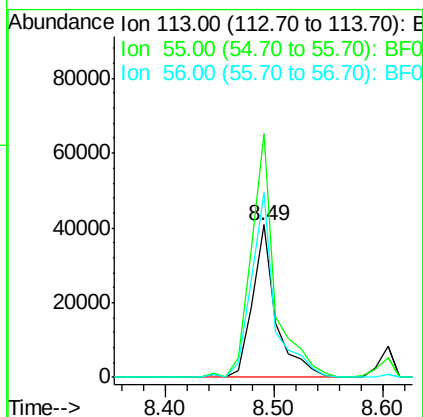
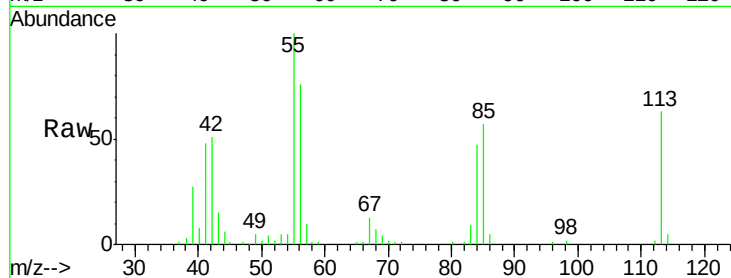
#35
 Caprolactam
 Concen: 38.93 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 62339
 Ion Ratio Lower Upper
 113 100
 55 159.7 158.6 198.6
 56 121.2 110.6 150.6

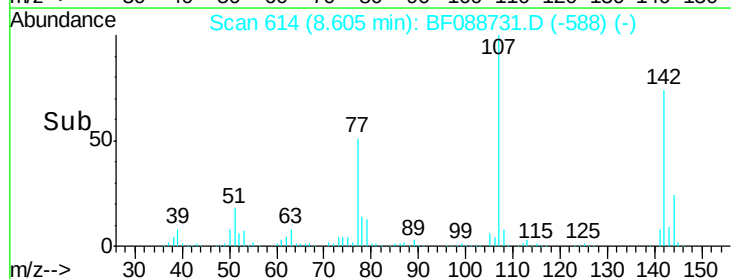
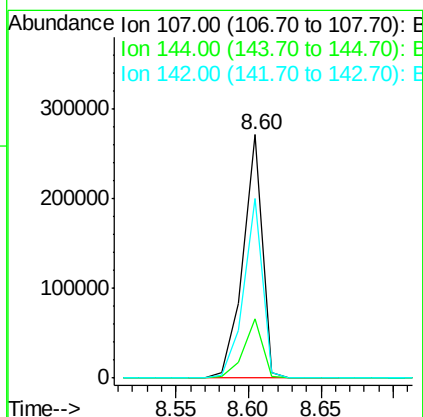
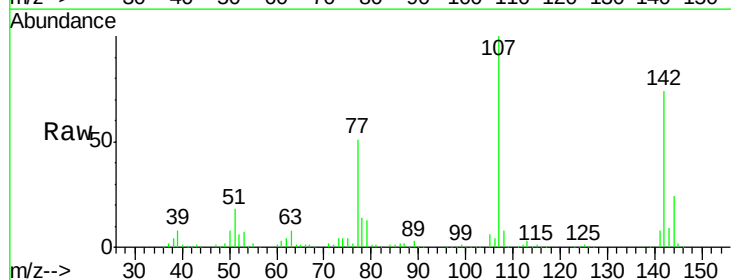
Manual Integrations

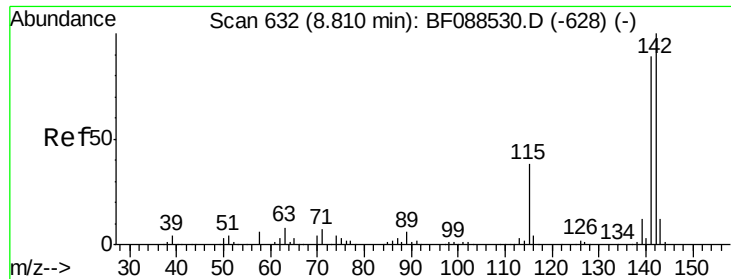
APPROVED
 SOHIL
 7/7/2016 1:55:40 AM



#36
 4-Chloro-3-methylphenol
 Concen: 45.24 ng
 RT: 8.60 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Tgt Ion:107 Resp: 252243
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.8 31.2
 142 73.8 63.4 95.2





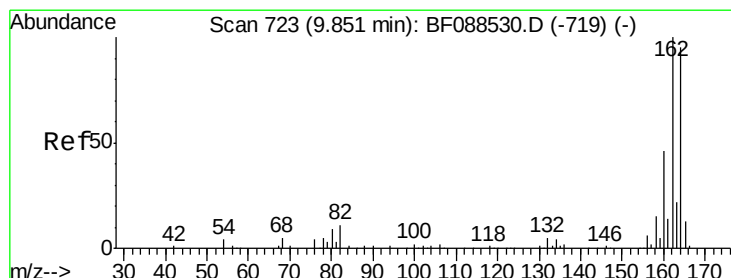
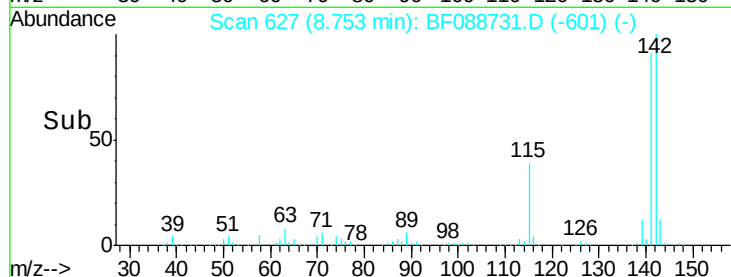
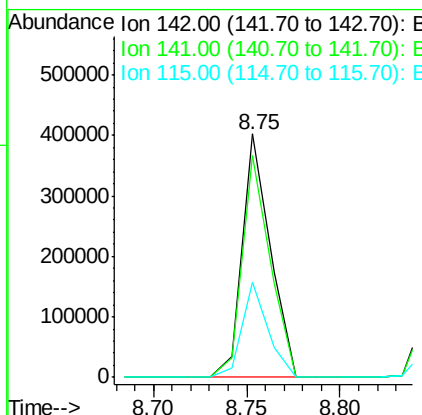
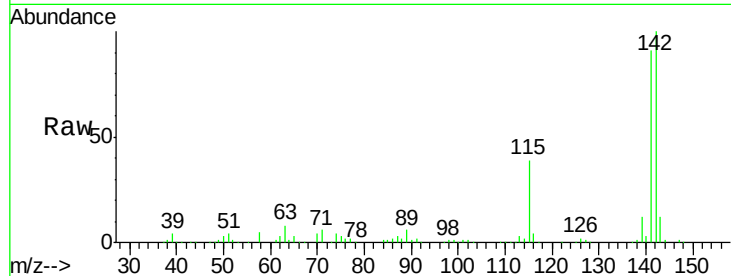
#37
 2-Methylnaphthalene
 Concen: 37.18 ng
 RT: 8.75 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.0	106.6
115	39.1	22.6	33.8

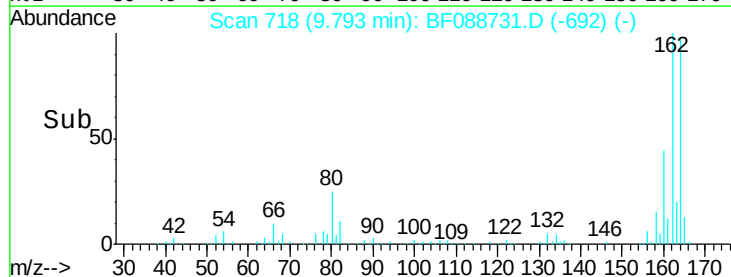
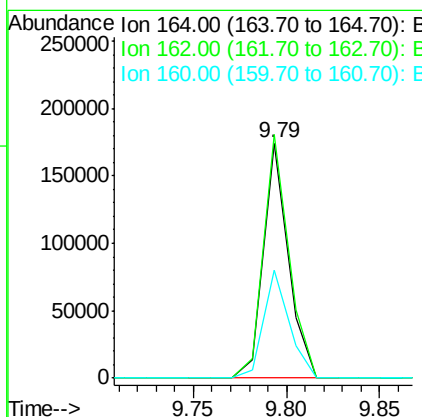
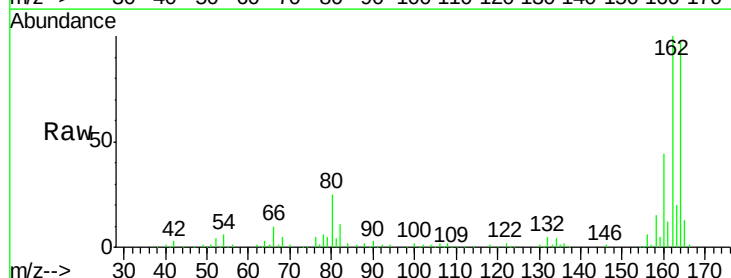
Manual Integrations

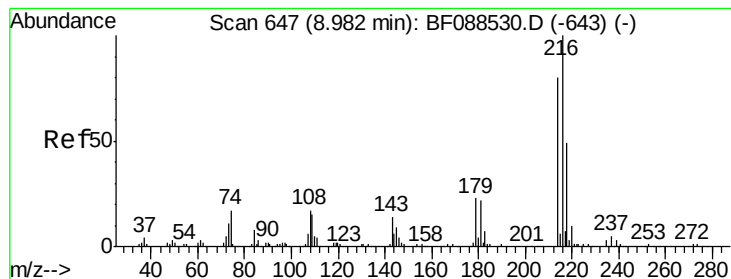
SOHIL
 7/7/2016 1:55:40 AM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.4	128.2
160	46.1	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.63 ng

RT: 8.92 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF088731.D

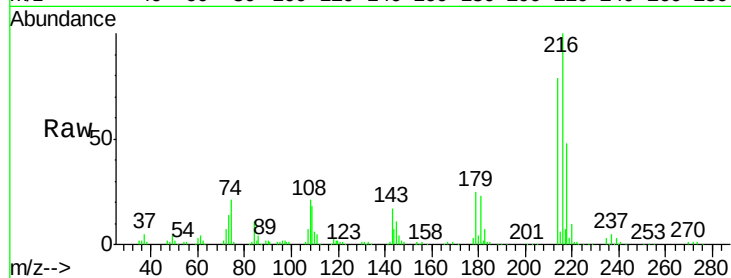
Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 216 Resp: 231421

Ion Ratio Lower Upper

216 100

214 79.1 2.9 4.3#

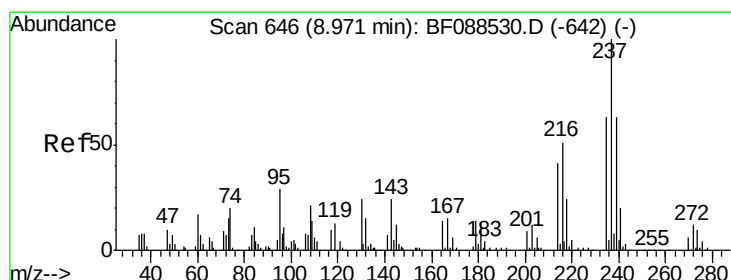
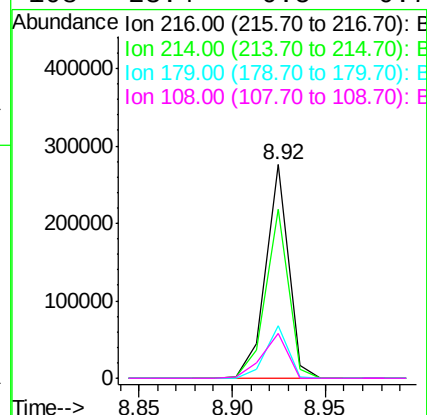
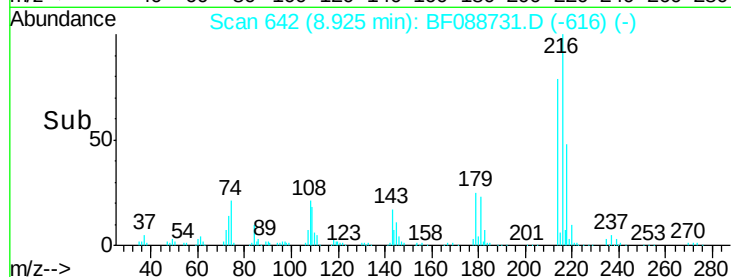
179 24.4 0.0 0.0#

108 23.4 0.5 0.7#

Manual Integrations

SOHIL

7/7/2016 1:55:40 AM



#40

Hexachlorocyclopentadiene

Concen: 37.81 ng

RT: 8.91 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

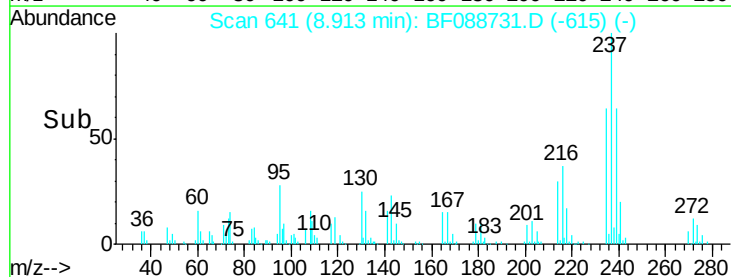
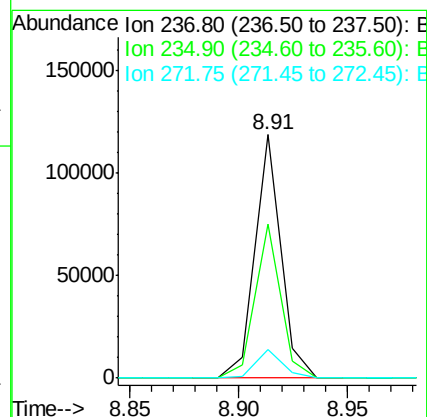
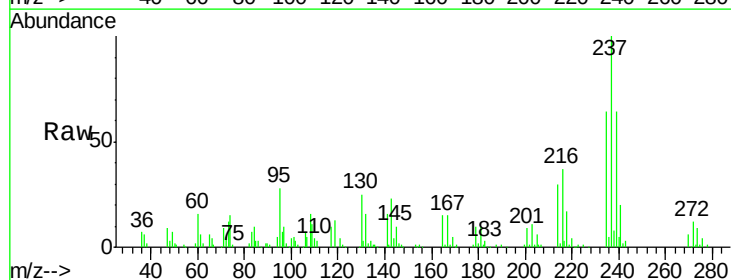
Tgt Ion: 237 Resp: 98432

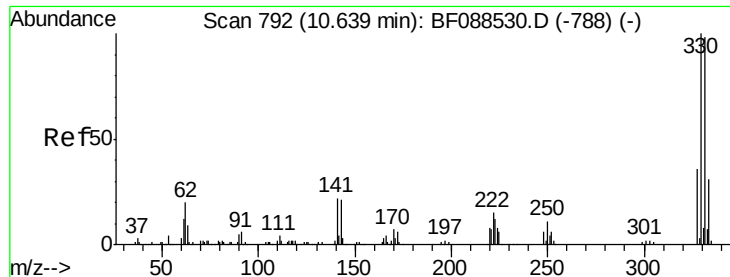
Ion Ratio Lower Upper

237 100

235 63.5 43.4 83.4

272 11.9 0.0 32.3





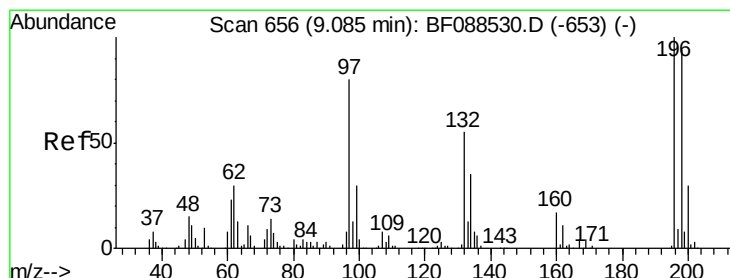
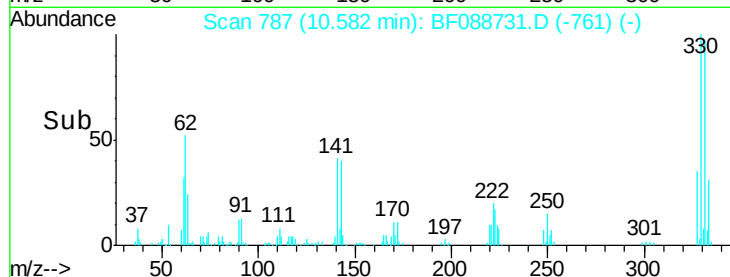
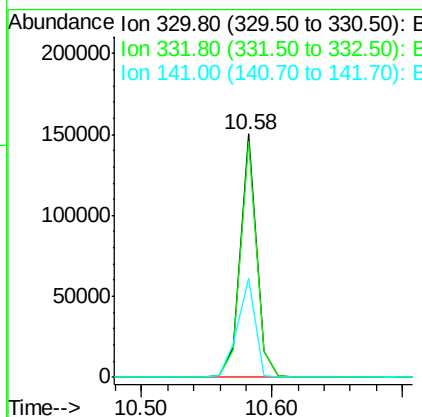
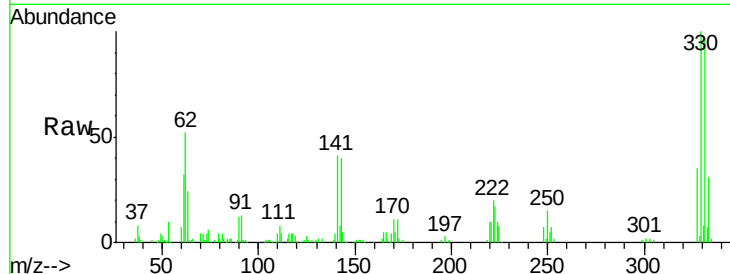
#41
 2,4,6-Tribromophenol
 Concen: 86.96 ng
 RT: 10.58 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	128768		
332	96.8	0.0	0.0	0.0
141	44.7	0.0	0.0	0.0

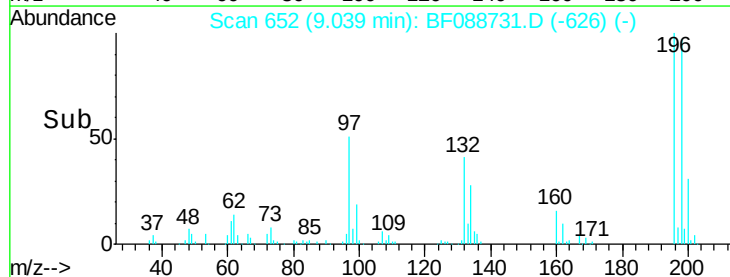
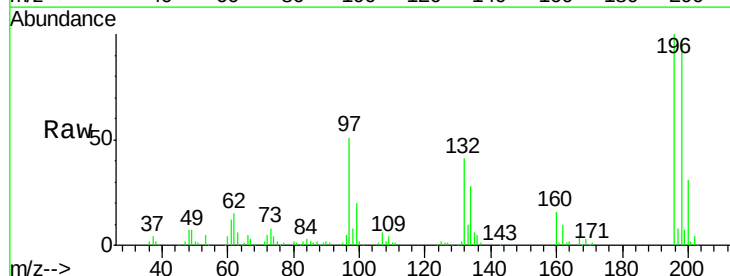
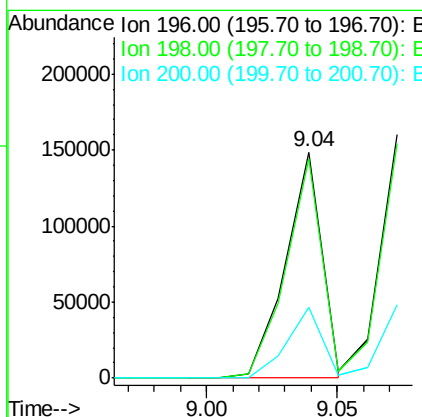
Manual Integrations

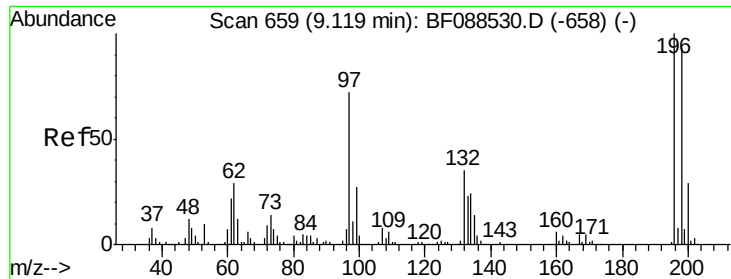
SOHIL
 7/7/2016 1:55:40 AM



#42
 2,4,6-Trichlorophenol
 Concen: 40.85 ng
 RT: 9.04 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	142856		
198	97.1	78.0	117.0	
200	31.5	25.4	38.2	





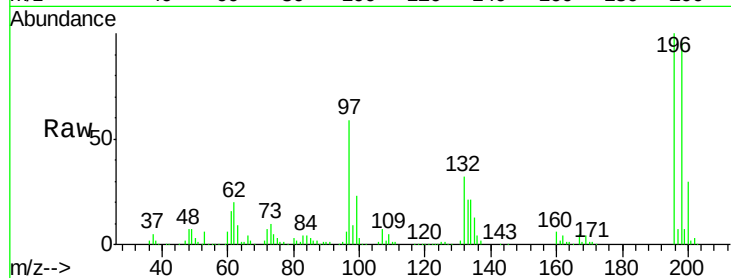
#43
 2,4,5-Trichlorophenol
 Concen: 47.03 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	141500		
198	96.5	77.5	116.3	
97	59.2	32.0	48.0	#
132	32.0	20.9	31.3	#

Manual Integrations

SOHIL
 7/7/2016 1:55:40 AM



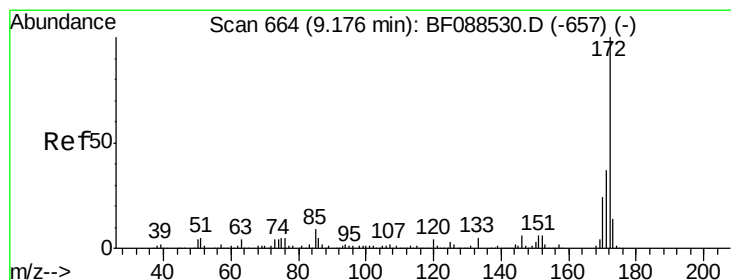
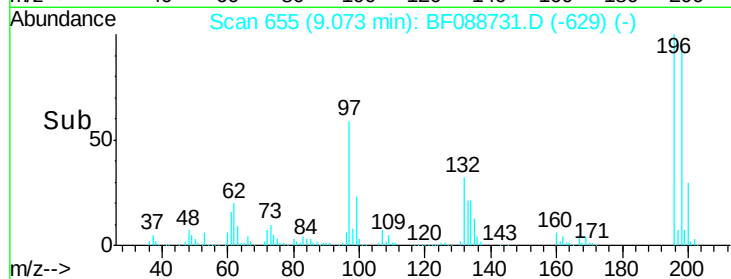
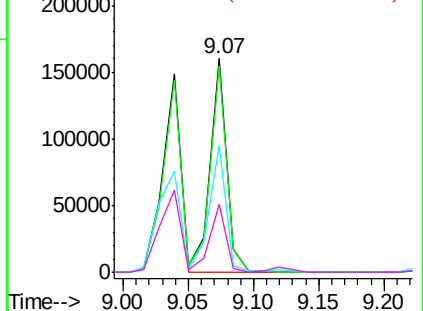
Abundance

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: 85.71 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

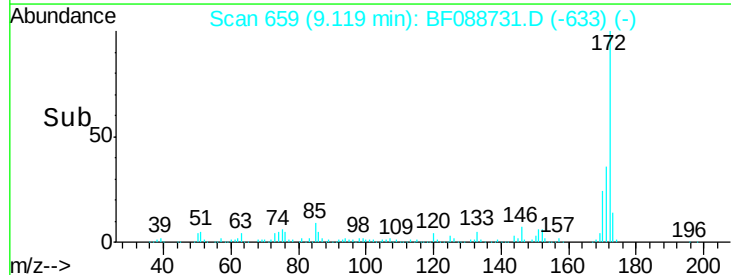
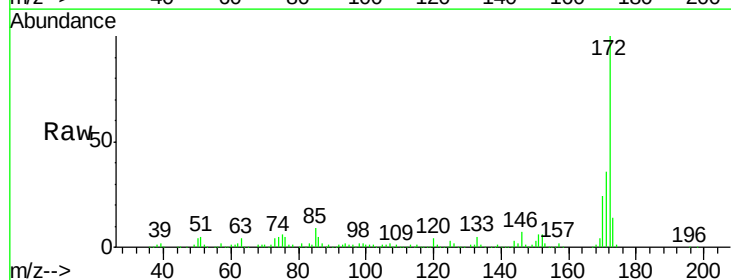
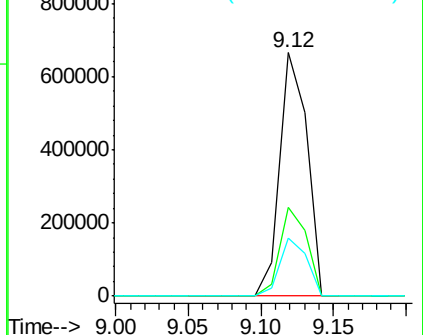
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	865223		
171	36.2	28.6	43.0	
170	24.0	19.2	28.8	

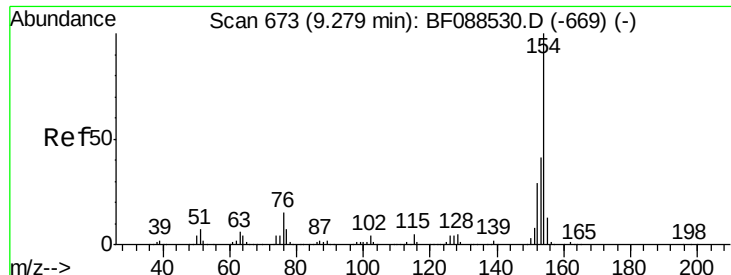
Abundance

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: 42.05 ng

RT: 9.22 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

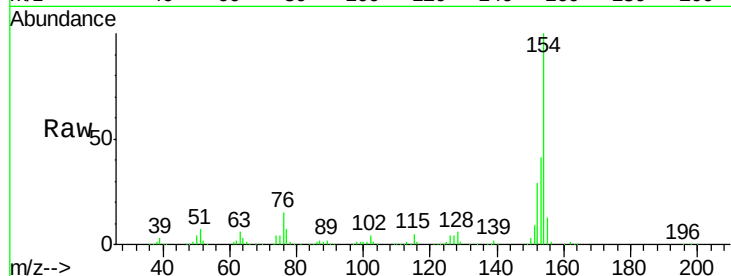
SSTDCCC040

Tgt Ion:	154	Resp:	555196
Ion Ratio	Lower	Upper	
154	100		
153	41.1	20.6	60.6
76	14.6	0.0	35.1

Manual Integrations

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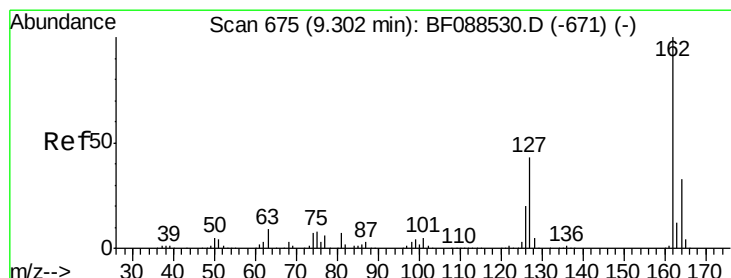
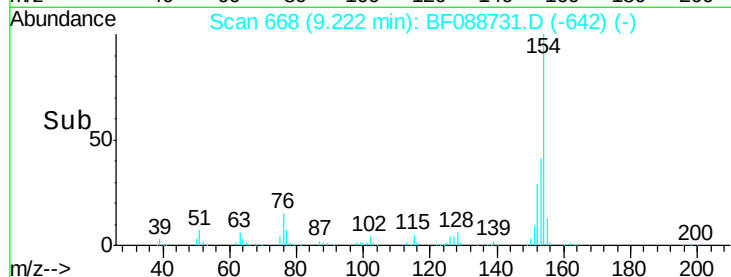
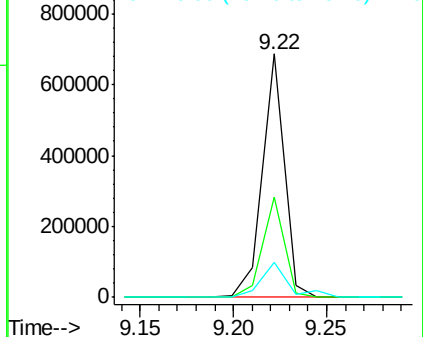
7/7/2016 1:55:40 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.61 ng

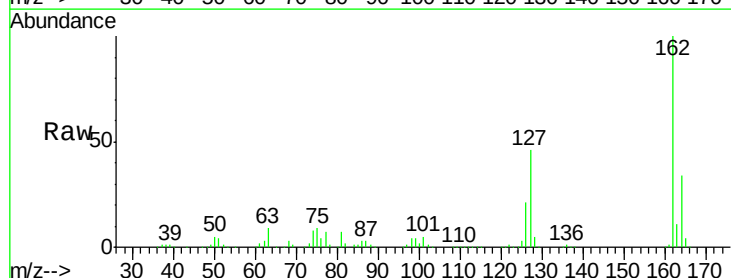
RT: 9.24 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

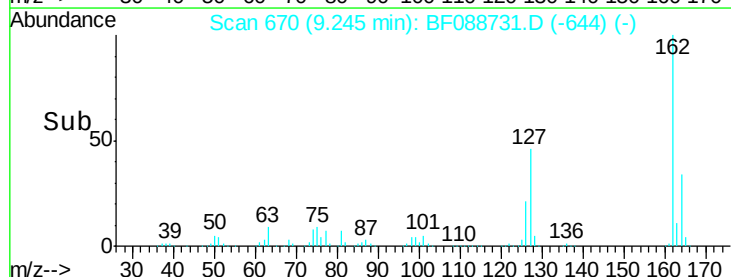
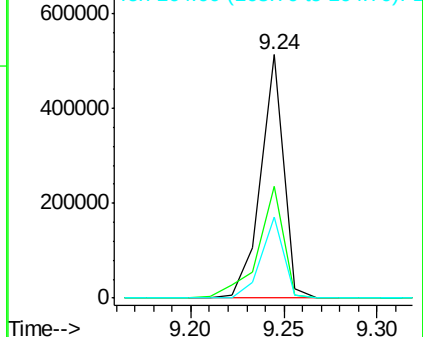
Tgt Ion:	162	Resp:	441673
Ion Ratio	Lower	Upper	
162	100		
127	45.9	35.2	52.8
164	33.6	26.6	39.8

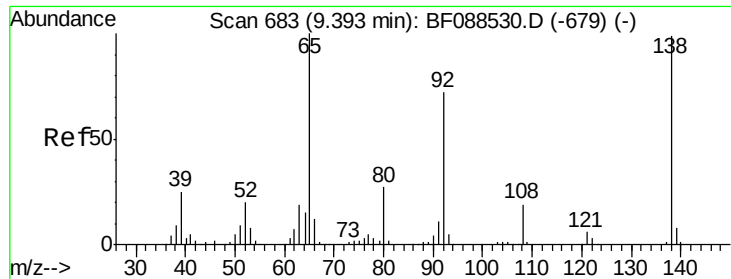


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





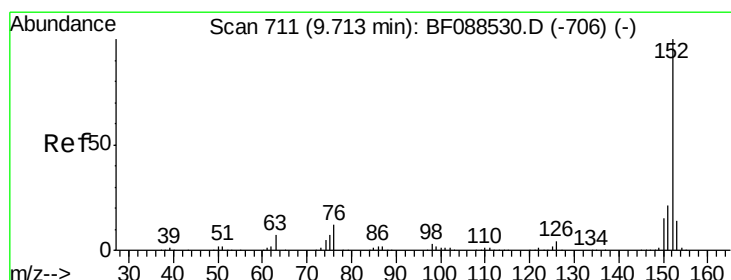
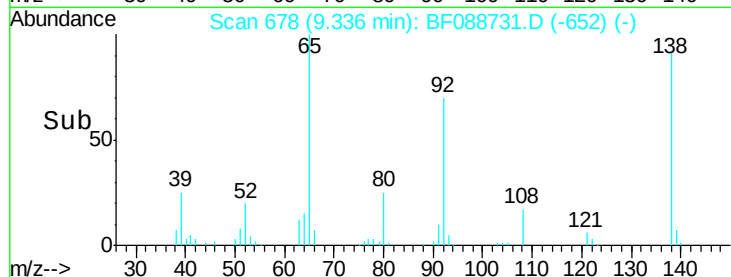
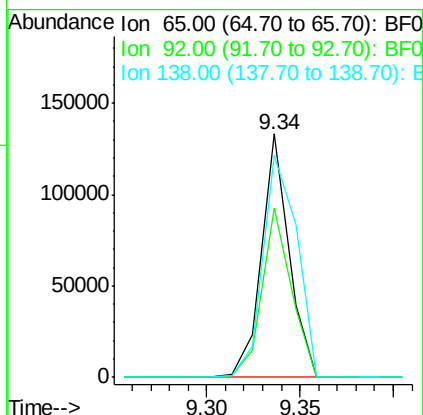
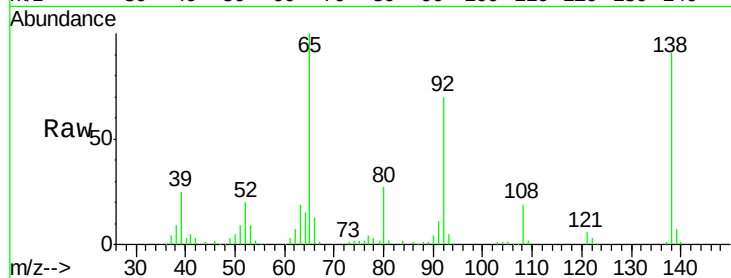
#47
2-Nitroaniline
Concen: 36.75 ng
RT: 9.34 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.7	54.6	82.0
138	91.0	77.0	115.4

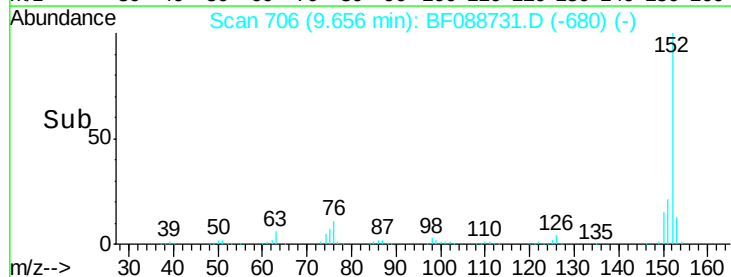
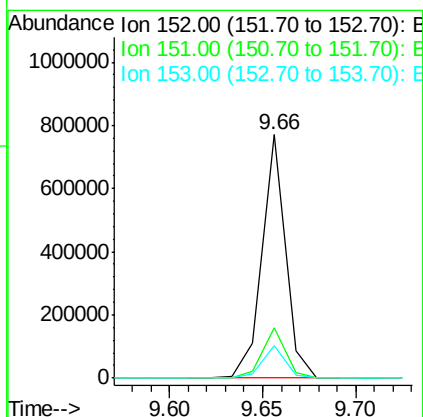
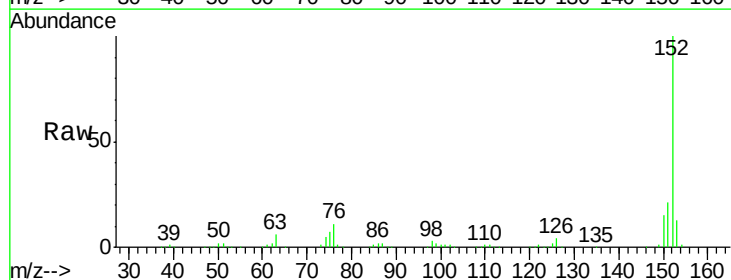
Manual Integrations

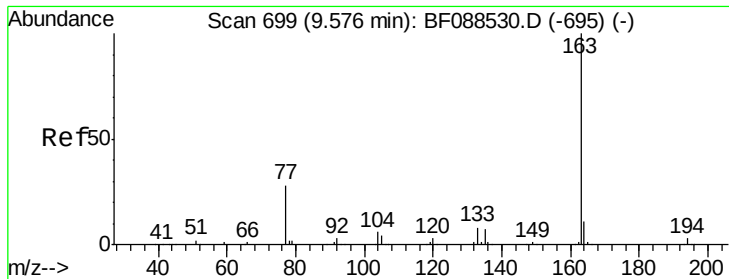
APPROVED
SOHIL
7/7/2016 1:55:40 AM



#48
Acenaphthylene
Concen: 40.42 ng
RT: 9.66 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4
153	13.5	11.0	16.6





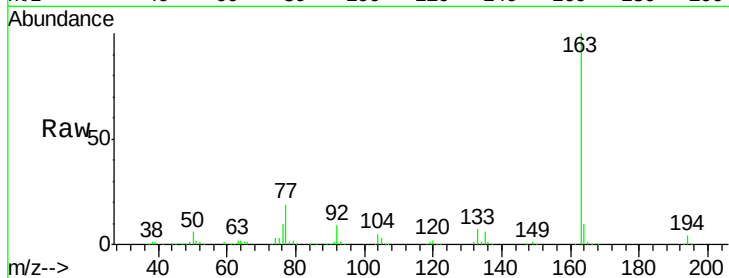
#49
Dimethylphthalate
Concen: 45.10 ng
RT: 9.53 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

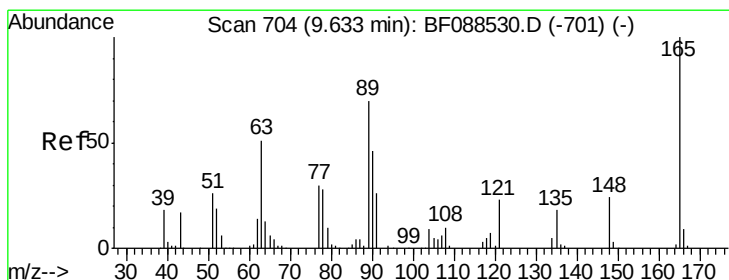
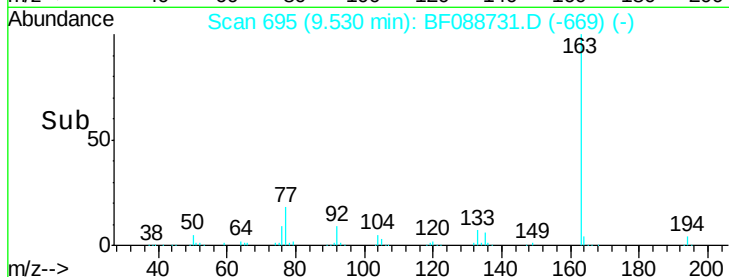
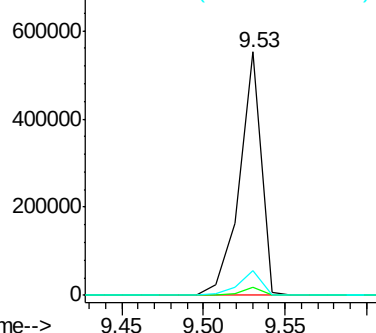
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	512358		
194	3.6		2.8	4.2
164	10.0		8.3	12.5

Manual Integrations

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7/7/2016 1:55:40 AM



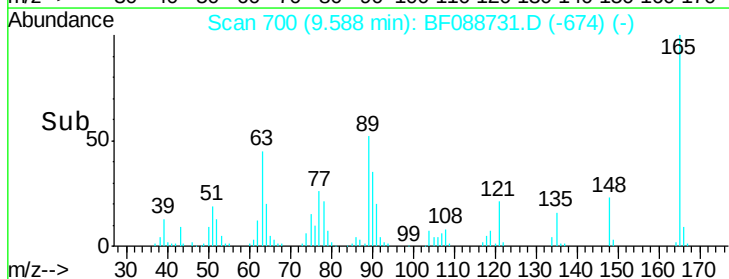
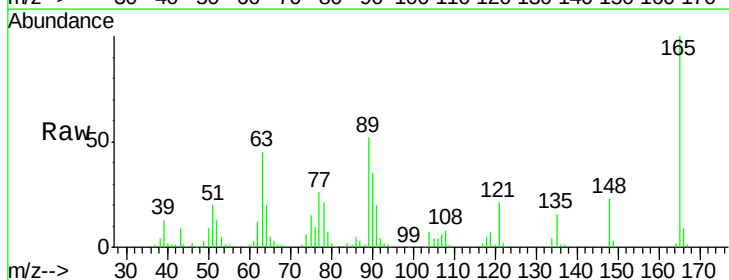
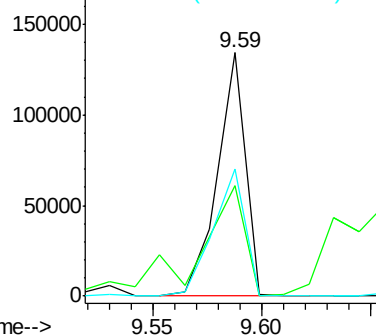
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

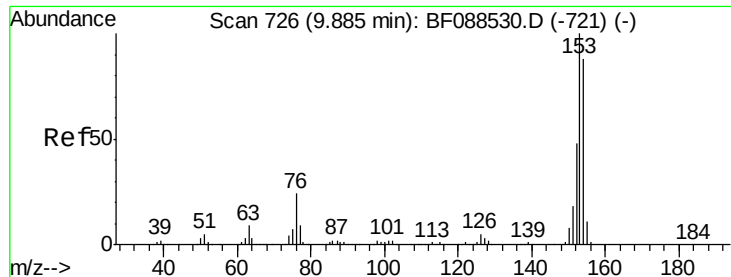


#50
2,6-Dinitrotoluene
Concen: 47.57 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	119786		
63	45.4		28.1	42.1#
89	52.1		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: 40.19 ng

RT: 9.83 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

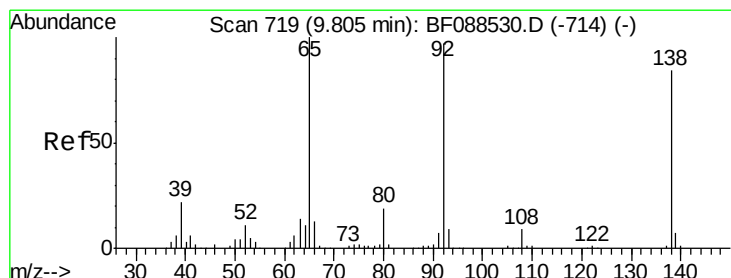
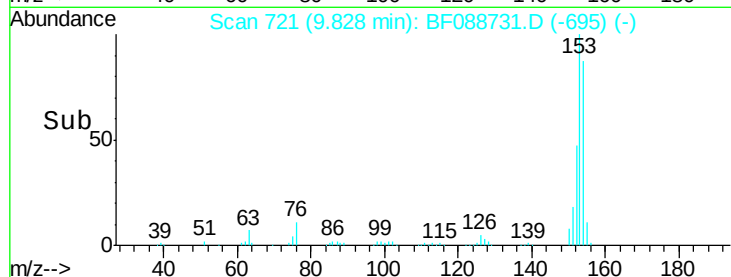
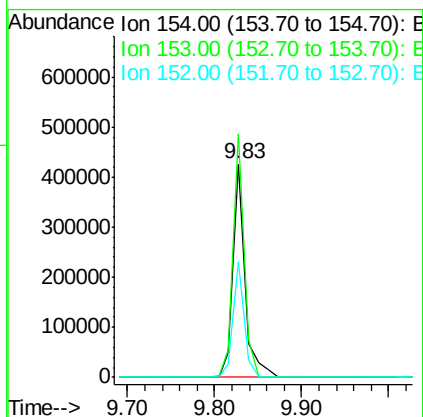
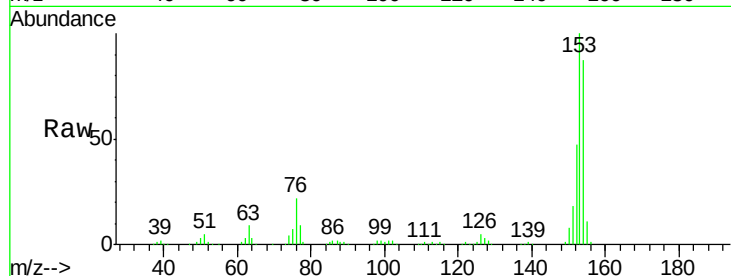
SSTDCCC040

Tgt Ion:	154	Resp:	406300
Ion Ratio	Lower	Upper	
154	100		
153	114.3	89.5	134.3
152	54.2	42.7	64.1

Manual Integrations

SOHIL

7/7/2016 1:55:40 AM



#52

3-Nitroaniline

Concen: 36.93 ng

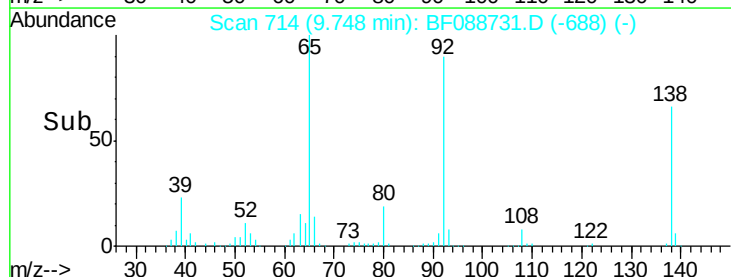
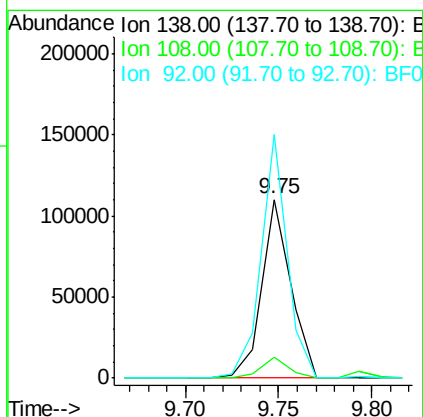
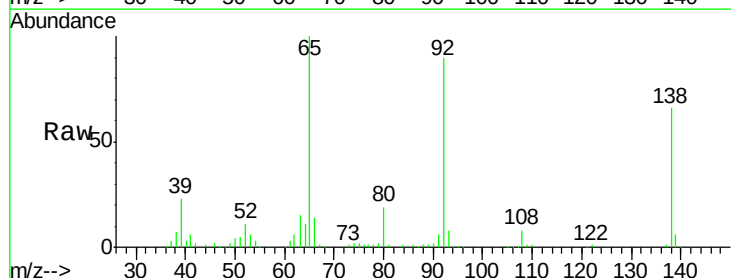
RT: 9.75 min Scan# 714

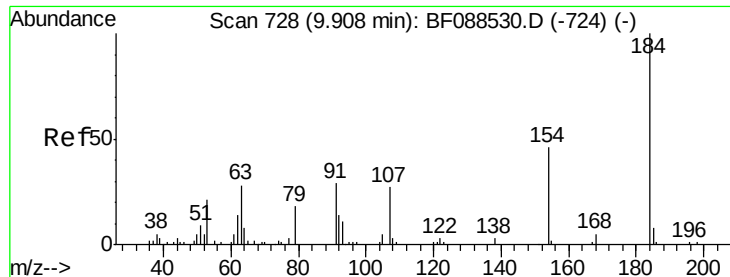
Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Tgt Ion:	138	Resp:	118186
Ion Ratio	Lower	Upper	
138	100		
108	12.0	8.5	12.7
92	136.1	95.7	143.5





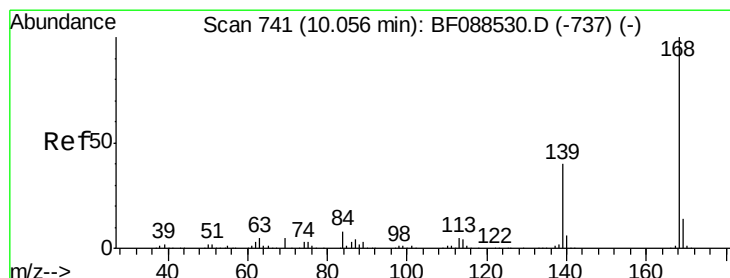
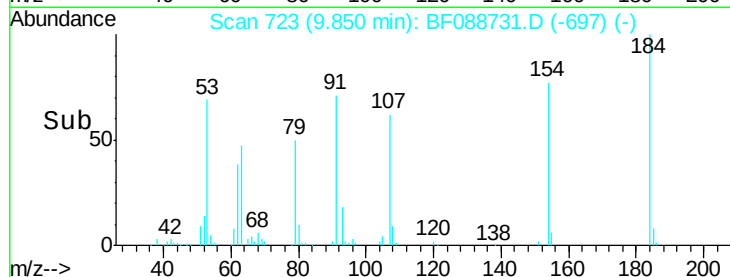
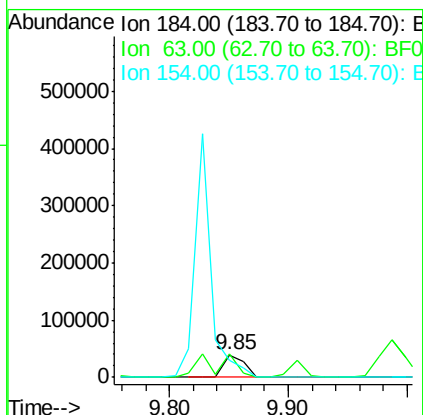
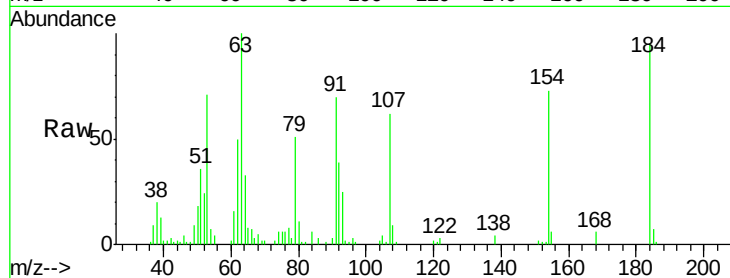
#53
 2,4-Dinitrophenol
 Concen: 44.40 ng
 RT: 9.85 min Scan# 723
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
184	100		
63	105.6	57.6	86.4#
154	76.6	53.5	80.3

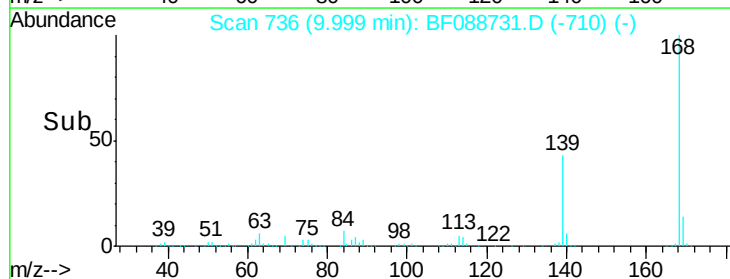
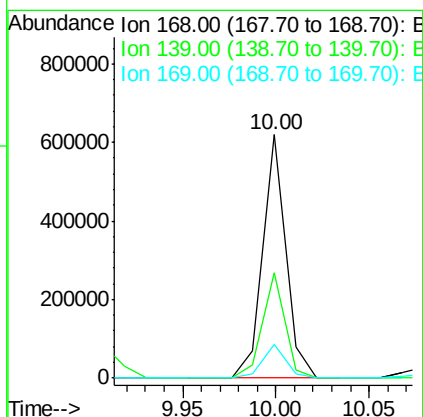
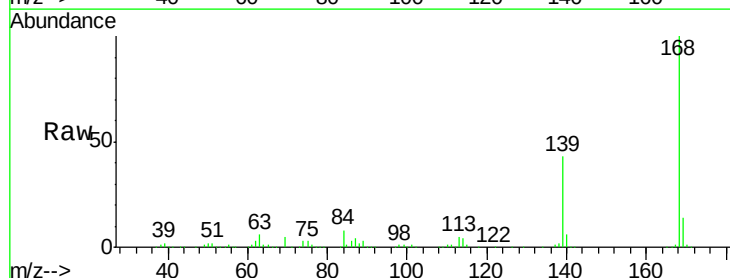
Manual Integrations

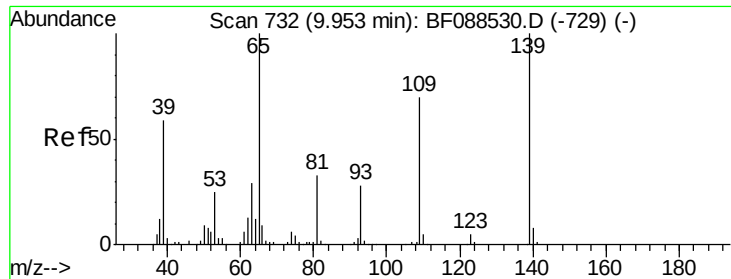
SOHIL
 7/7/2016 1:55:40 AM



#54
 Dibenzofuran
 Concen: 39.95 ng
 RT: 10.00 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.1	26.4	39.6#
169	13.8	10.4	15.6





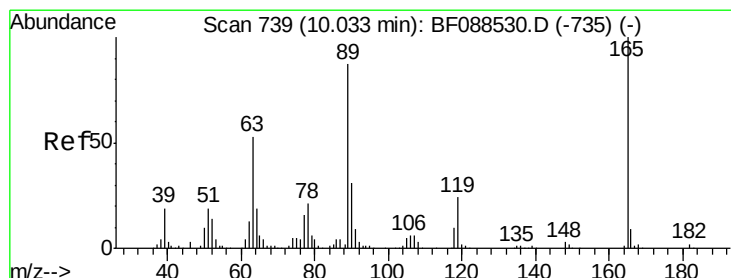
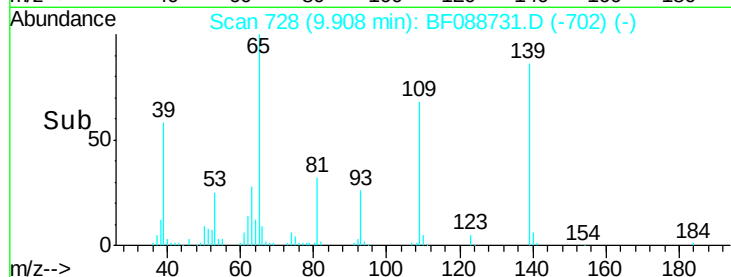
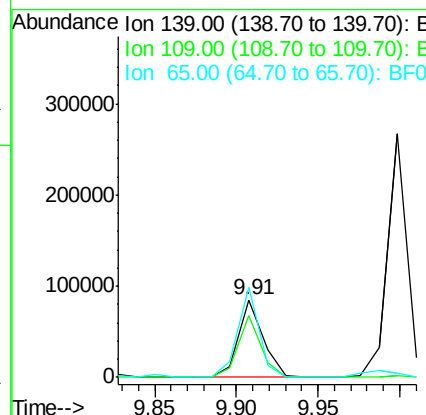
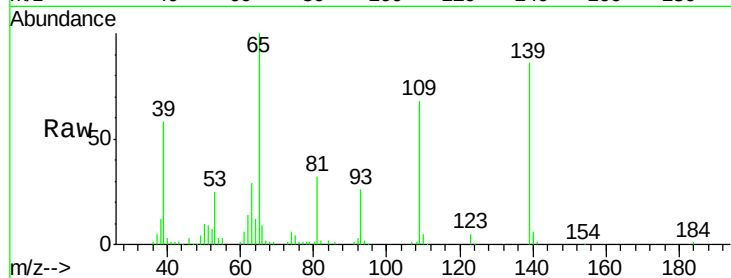
#55
4-Nitrophenol
Concen: 36.48 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:139 Resp: 88726
Ion Ratio Lower Upper
139 100
109 79.0 48.9 88.9
65 116.1 84.9 124.9

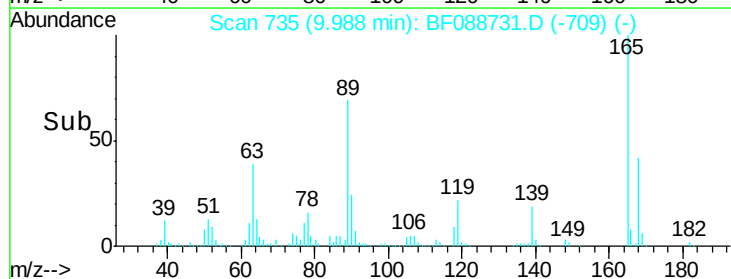
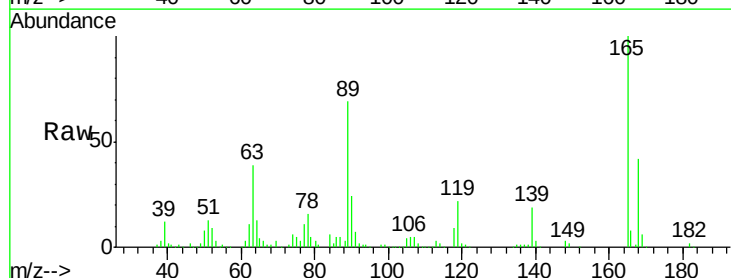
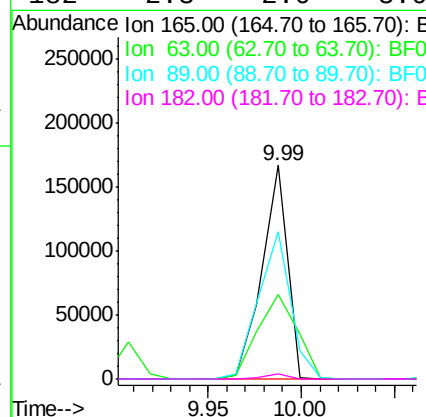
Manual Integrations

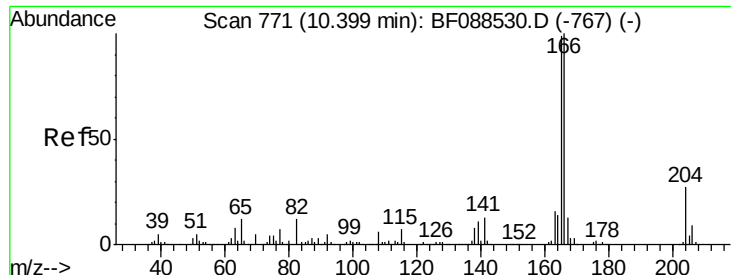
APPROVED
SOHIL
7/7/2016 1:55:40 AM



#56
2,4-Dinitrotoluene
Concen: 47.85 ng
RT: 9.99 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion:165 Resp: 157529
Ion Ratio Lower Upper
165 100
63 39.4 22.0 33.0#
89 68.7 41.1 61.7#
182 2.3 2.0 3.0





#57

Fluorene

Concen: 42.48 ng

RT: 10.34 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF088731.D

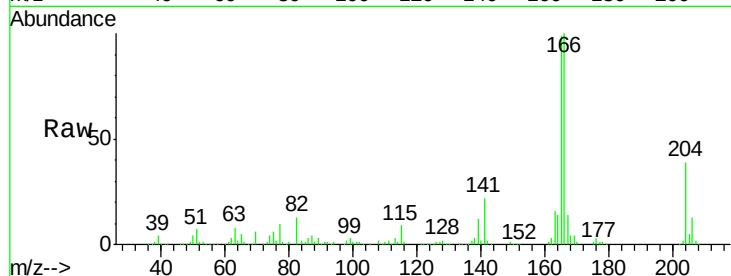
Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:166 Resp: 433190

Ion Ratio Lower Upper

166 100

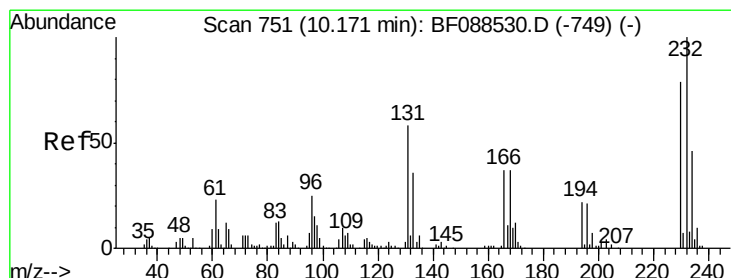
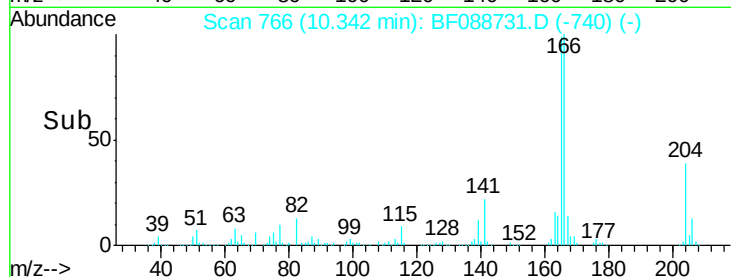
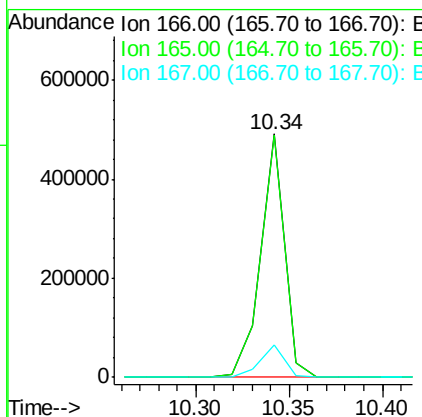
165 99.3 77.8 116.8

167 13.6 11.2 16.8

Manual Integrations

SOHIL

7/7/2016 1:55:40 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.69 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Tgt Ion:232 Resp: 99370

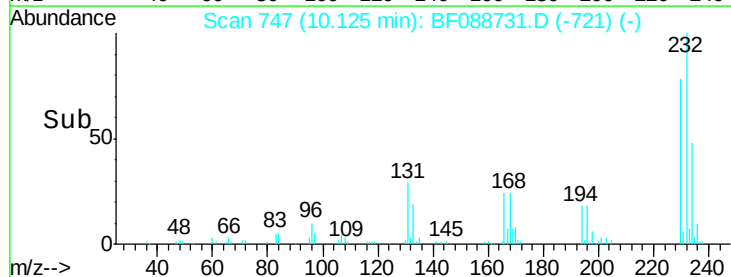
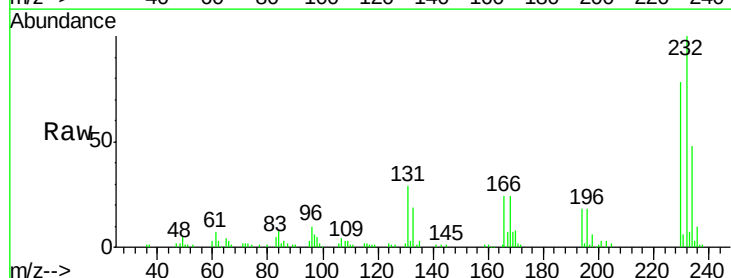
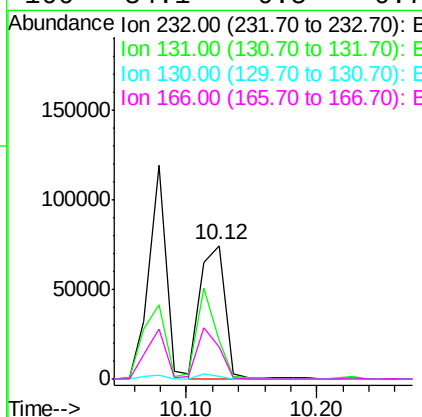
Ion Ratio Lower Upper

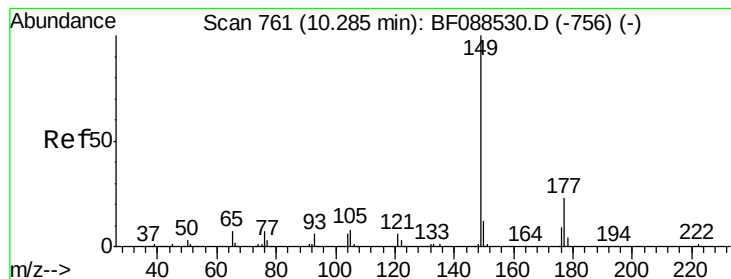
232 100

131 53.7 0.9 1.3#

130 2.6 1.5 2.3#

166 34.1 0.5 0.7#





#59

Diethylphthalate

Concen: 44.06 ng

RT: 10.23 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

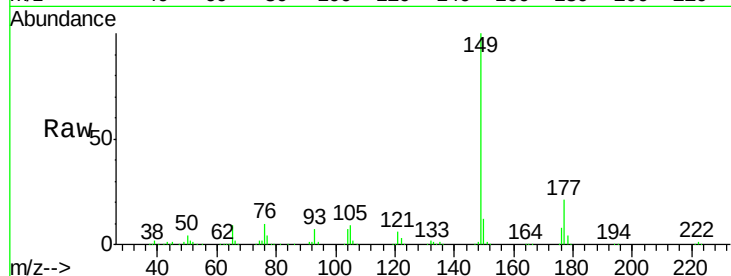
SSTDCCC040

Tgt Ion:	149	Resp:	502376
Ion Ratio	Lower	Upper	
149	100		
177	21.1	16.9	25.3
150	12.4	10.1	15.1

Manual Integrations

SOHIL

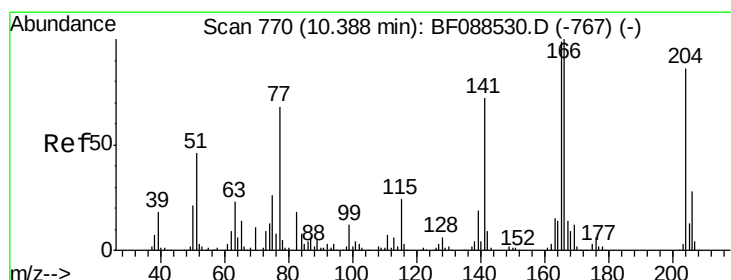
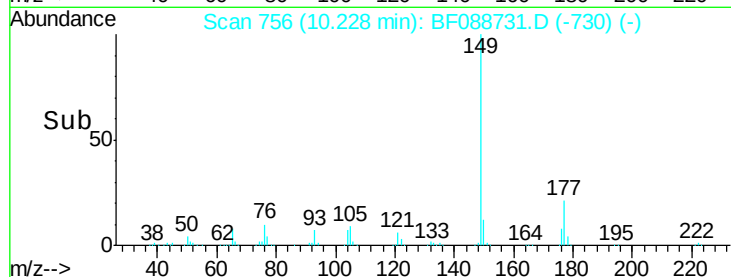
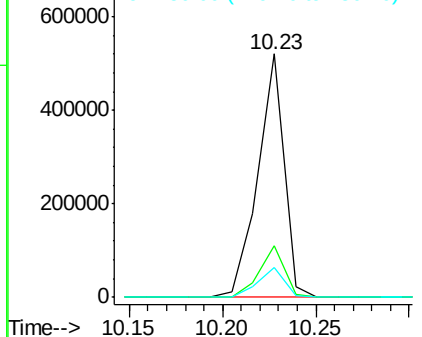
7/7/2016 1:55:40 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.15 ng

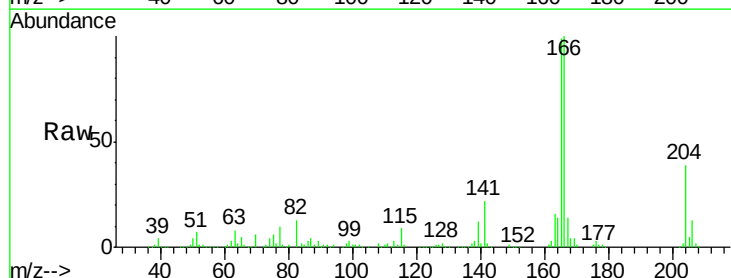
RT: 10.34 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

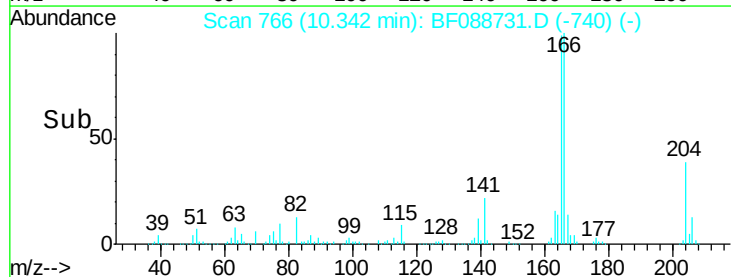
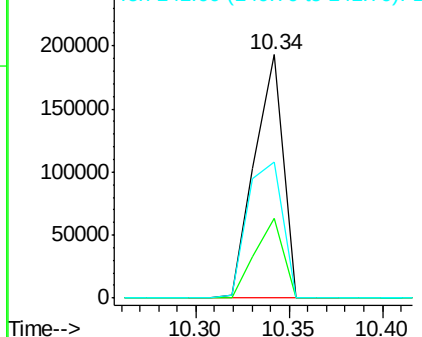
Tgt Ion:	204	Resp:	204467
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.3	39.5
141	55.7	55.0	82.6

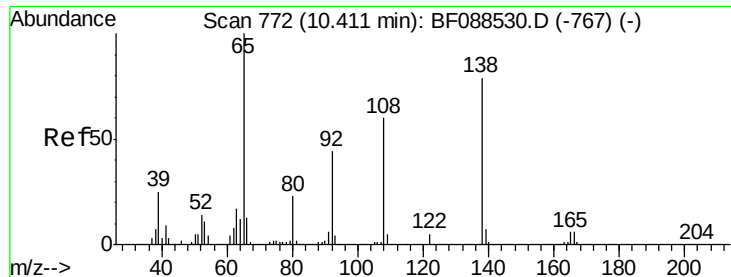


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.18 ng

RT: 10.36 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

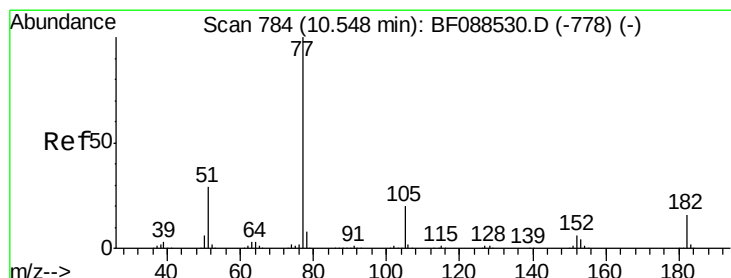
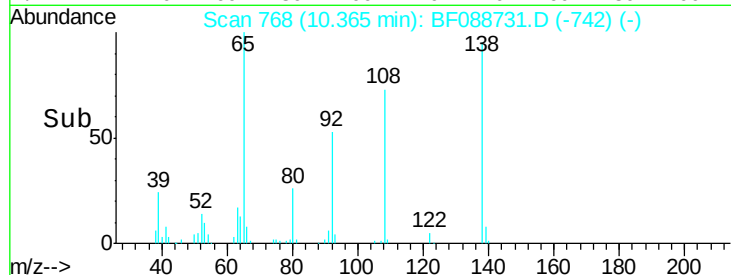
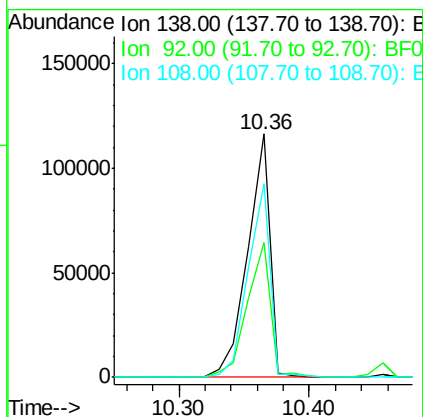
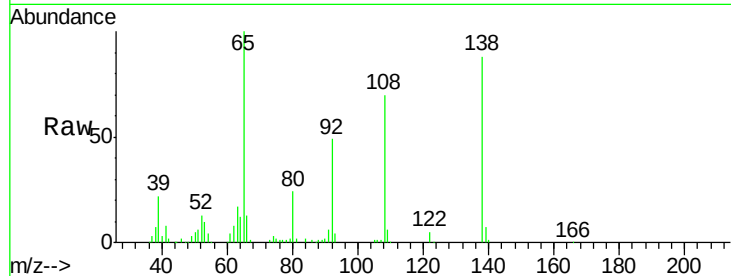
SSTDCCC040

Tgt Ion:	138	Resp:	139168
Ion Ratio	Lower	Upper	
138	100		
92	55.6	27.3	67.3
108	79.6	46.7	86.7

Manual Integrations

SOHIL

7/7/2016 1:55:40 AM



#62

Azobenzene

Concen: 39.71 ng

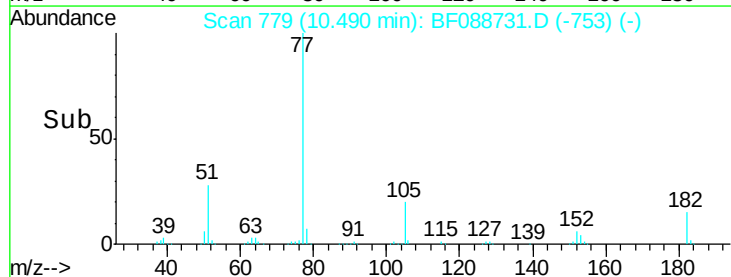
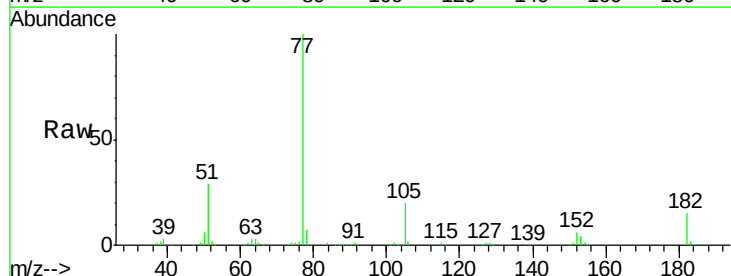
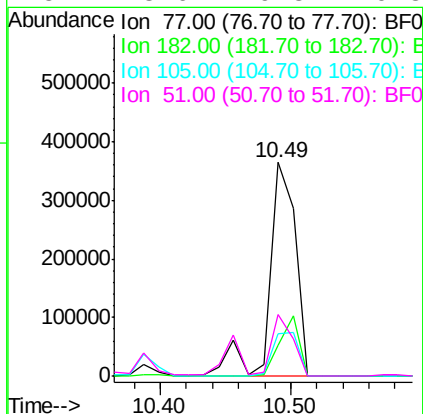
RT: 10.49 min Scan# 779

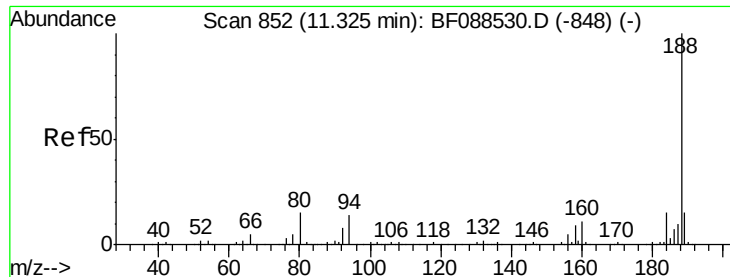
Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Tgt Ion:	77	Resp:	516479
Ion Ratio	Lower	Upper	
77	100		
182	14.5	4.4	44.4
105	20.0	3.8	43.8
51	28.6	9.3	49.3





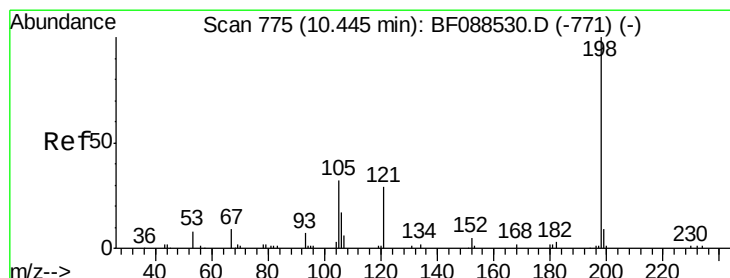
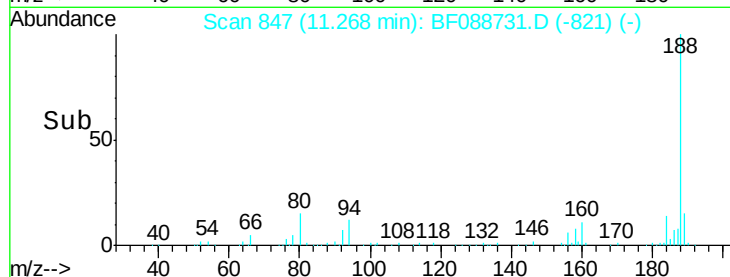
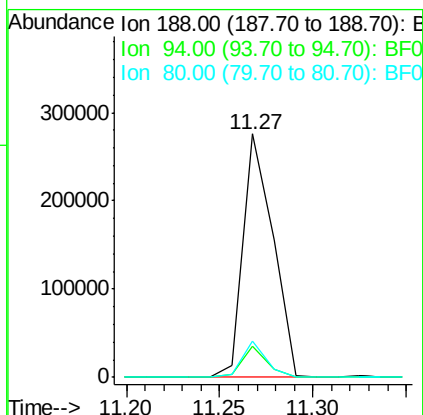
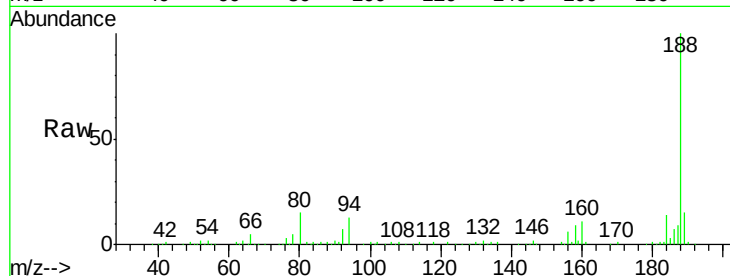
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	306885		
94	12.7		9.0	13.6
80	14.9		10.0	15.0

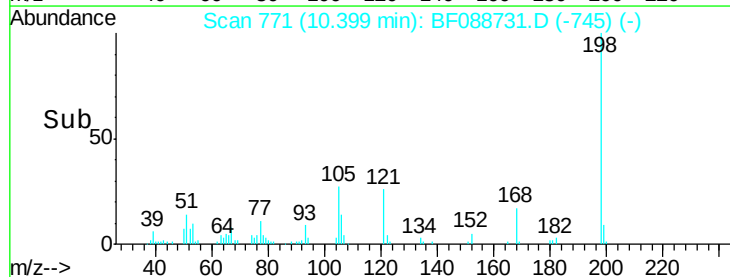
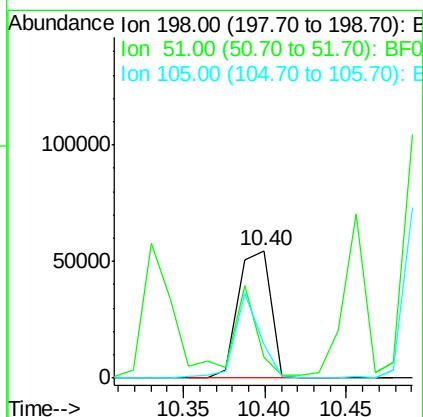
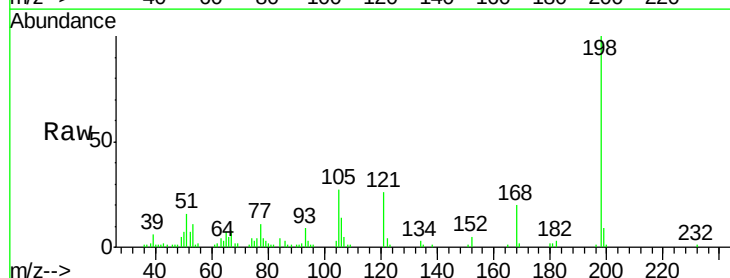
Manual Integrations

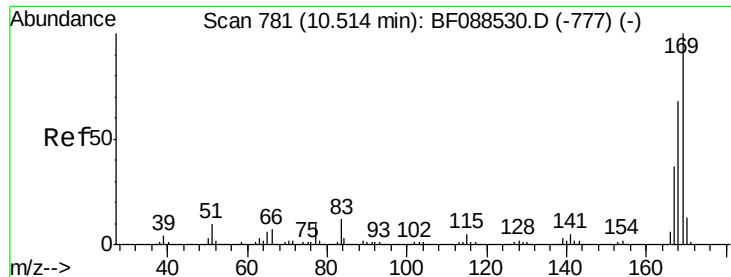
APPROVED
SOHIL
7/7/2016 1:55:40 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 45.87 ng
RT: 10.40 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	75298		
51	16.1		39.6	79.6#
105	26.5		36.6	76.6#





#65

n-Nitrosodiphenylamine

Concen: 38.57 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF088731.D

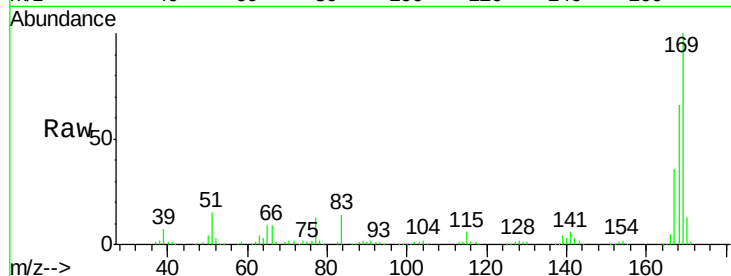
Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

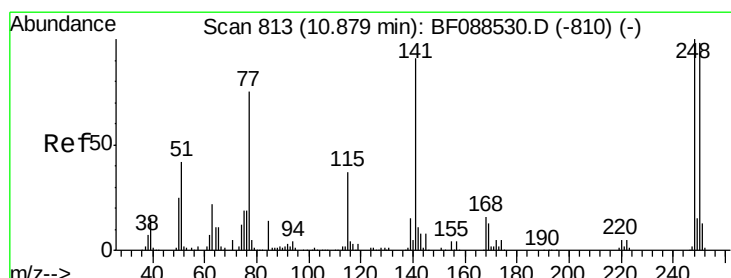
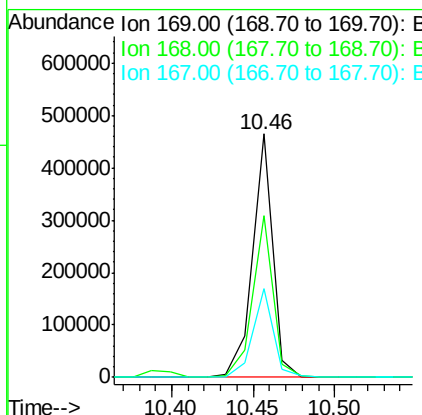
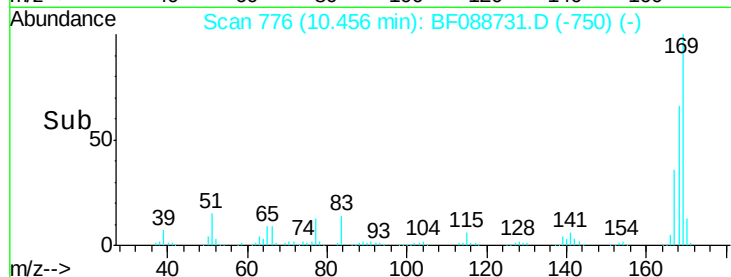


Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.4	80.0
167	36.4	29.4	44.0

Manual Integrations

SOHIL

7/7/2016 1:55:40 AM



#66

4-Bromophenyl-phenylether

Concen: 38.07 ng

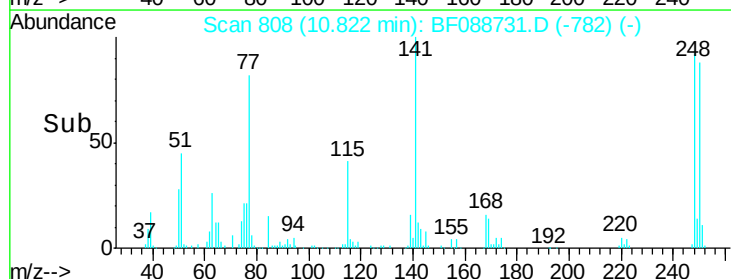
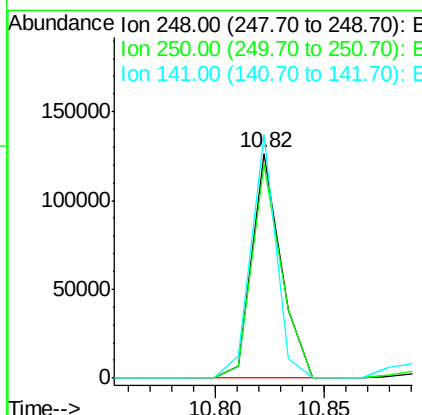
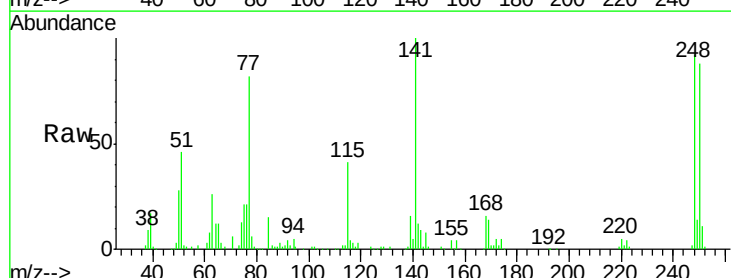
RT: 10.82 min Scan# 808

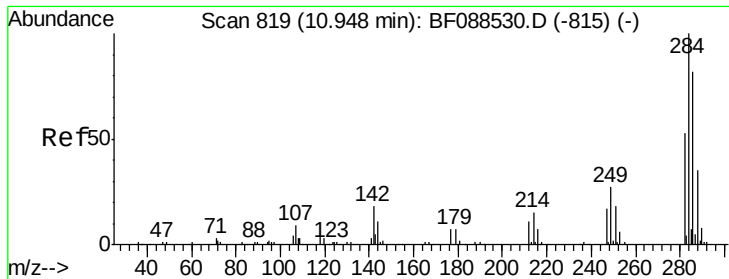
Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.6	77.1	115.7
141	108.4	50.6	76.0





#67

Hexachlorobenzene

Concen: 42.92 ng

RT: 10.89 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

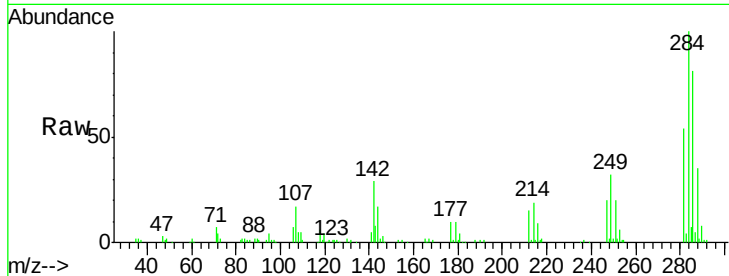
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	146942		
142	29.3	35.8	53.8#	
249	31.8	25.8	38.6	

Manual Integrations

SOHIL

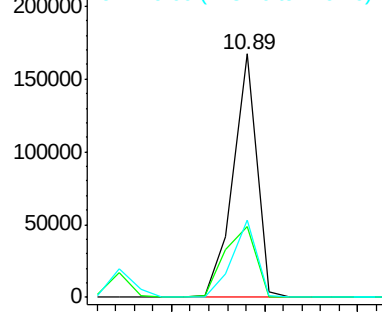
7/7/2016 1:55:40 AM



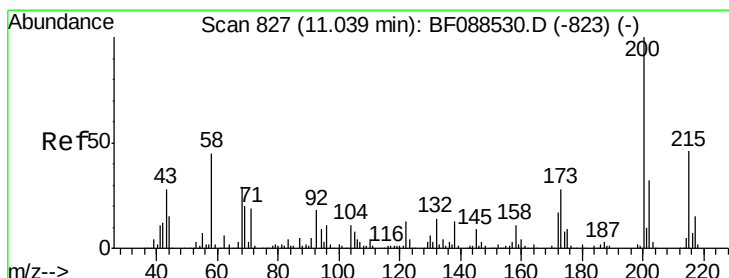
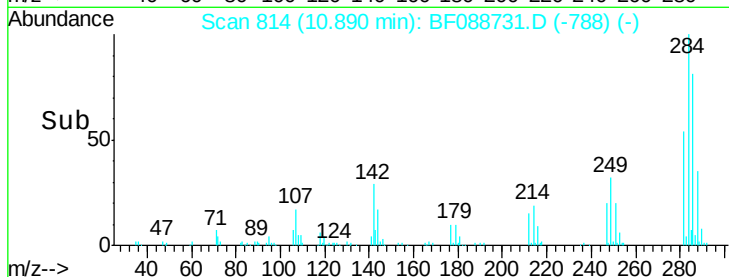
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->



#68

Atrazine

Concen: 36.10 ng

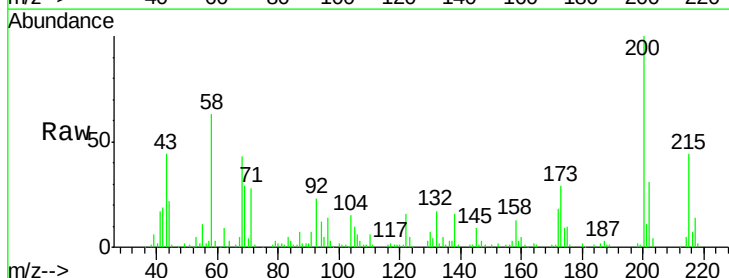
RT: 10.98 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

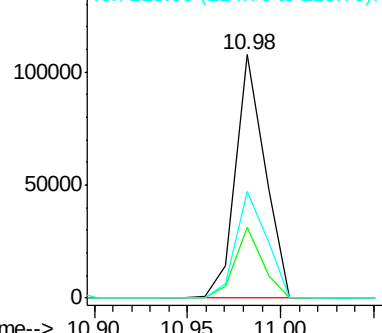
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	116846		
173	29.0	4.0	44.0	
215	44.0	29.3	69.3	



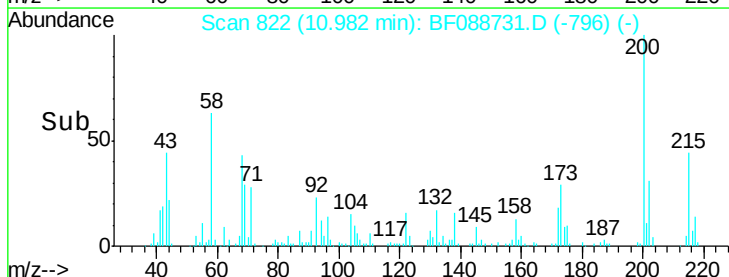
Abundance Ion 200.00 (199.70 to 200.70): E

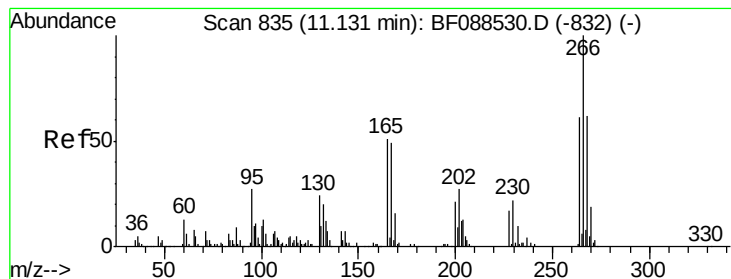
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time-->





#69

Pentachlorophenol

Concen: 40.36 ng

RT: 11.08 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:266 Resp: 81768

Ion Ratio Lower Upper

266 100

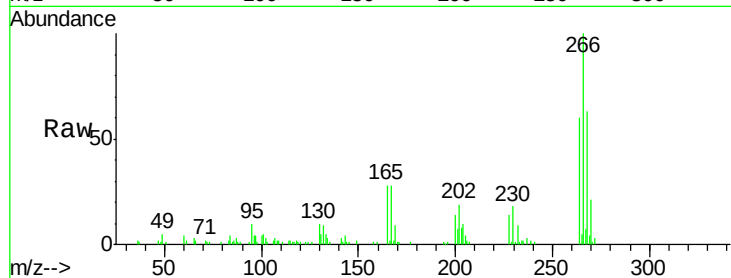
268 62.8 52.8 79.2

264 60.3 49.6 74.4

Manual Integrations

SOHIL

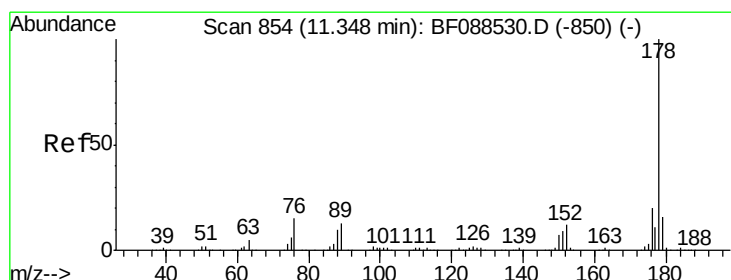
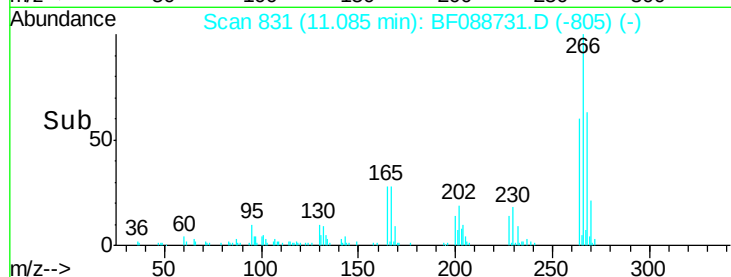
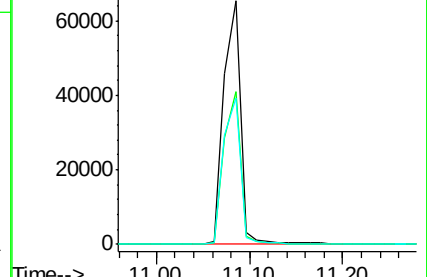
7/7/2016 1:55:40 AM



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 42.10 ng

RT: 11.30 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

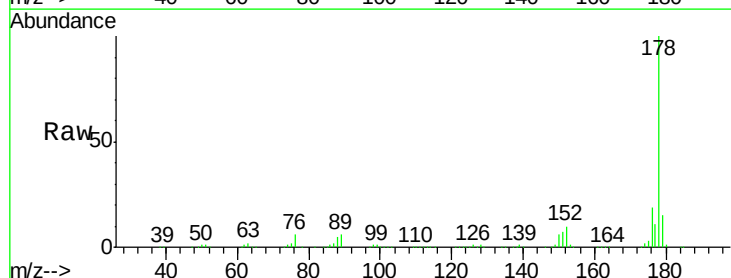
Tgt Ion:178 Resp: 706318

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.6

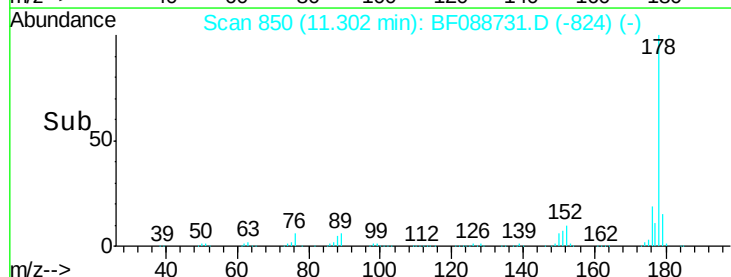
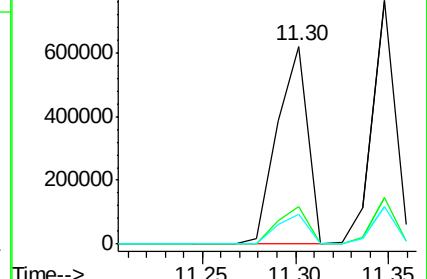
179 15.0 13.0 19.4

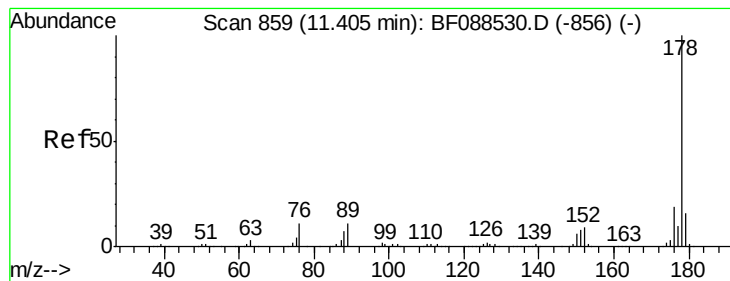


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 38.71 ng

RT: 11.35 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 645627

Ion Ratio Lower Upper

178 100

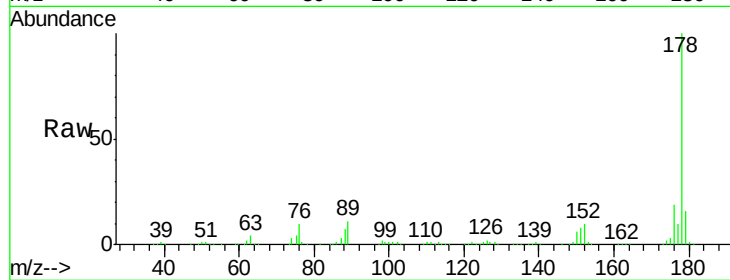
176 19.0 15.6 23.4

179 15.6 12.8 19.2

Manual Integrations

SOHIL

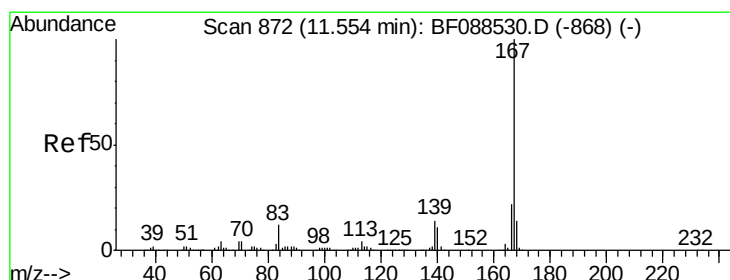
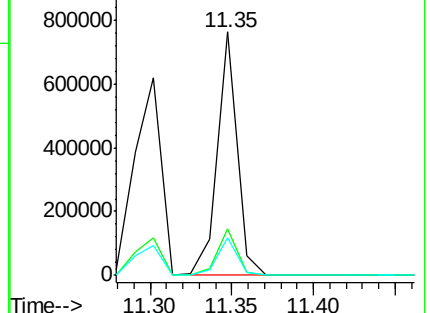
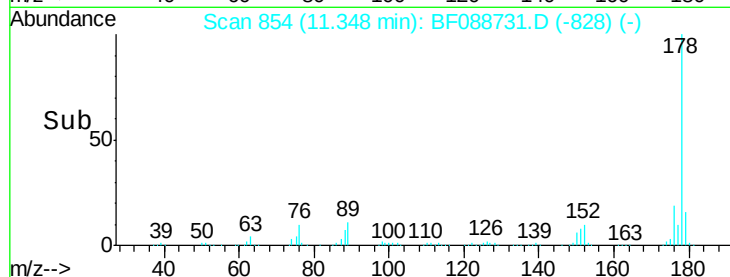
7/7/2016 1:55:40 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.75 ng

RT: 11.51 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

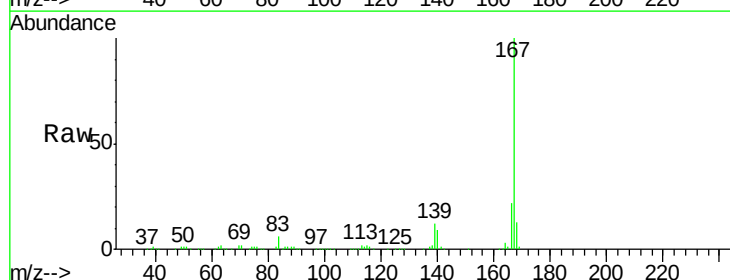
Tgt Ion:167 Resp: 655405

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

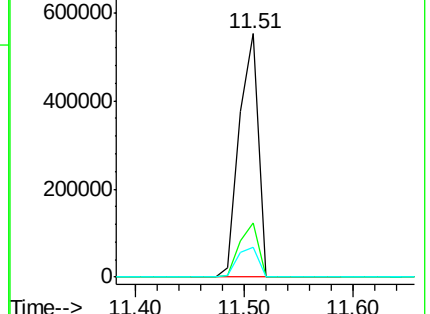
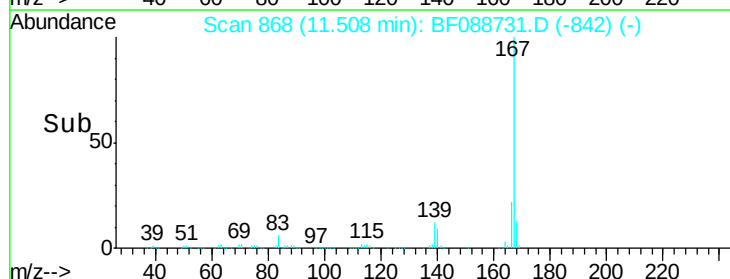
139 12.2 11.2 16.8

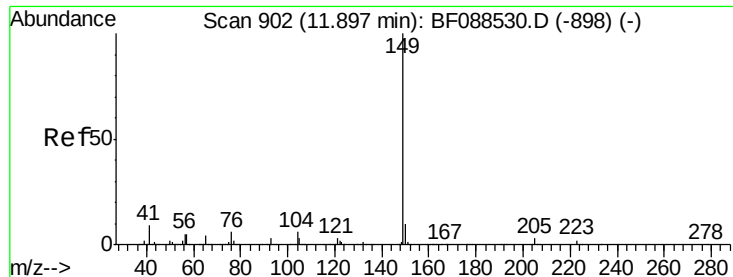


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.82 ng

RT: 11.84 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

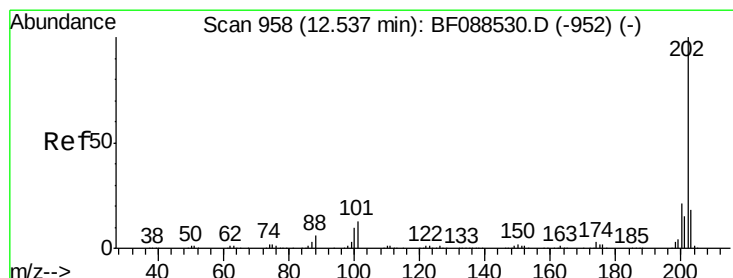
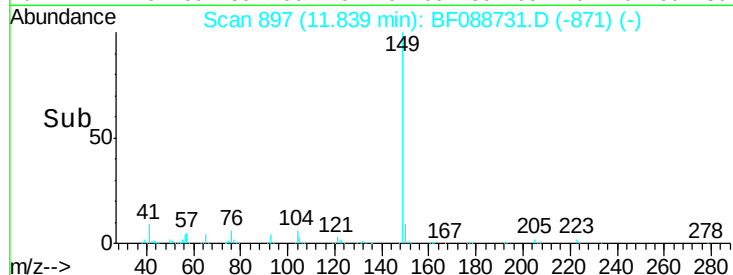
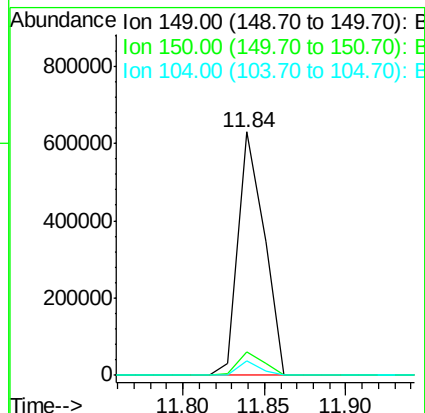
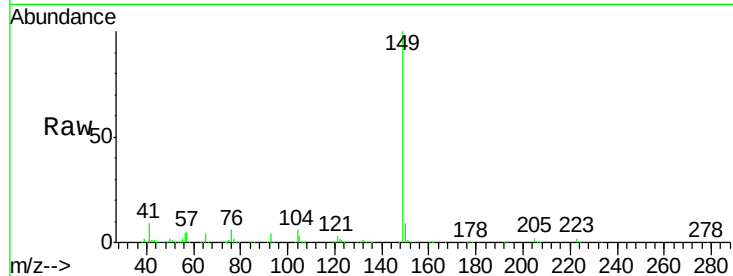
SSTDCCC040

Tgt Ion:	149	Resp:	690645
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	6.0	4.0	6.0

Manual Integrations

SOHIL

7/7/2016 1:55:40 AM



#74

Fluoranthene

Concen: 43.78 ng

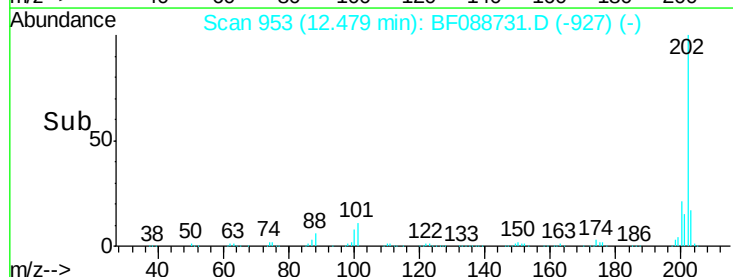
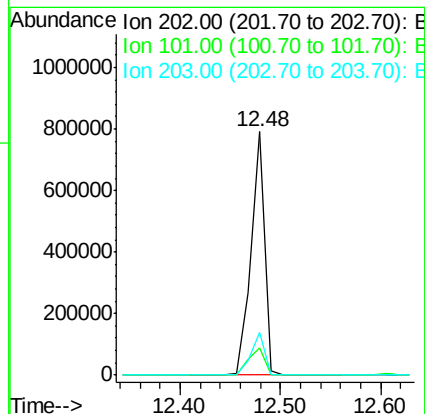
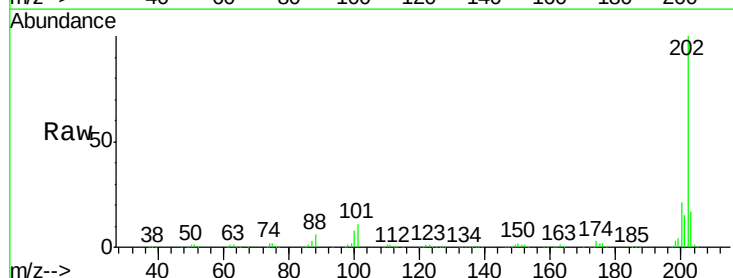
RT: 12.48 min Scan# 953

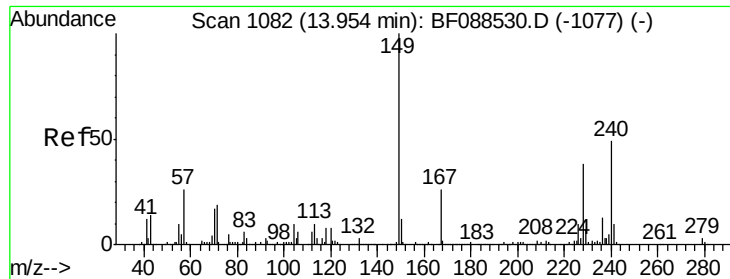
Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Tgt Ion:	202	Resp:	744564
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	33.1
203	17.5	0.0	38.1





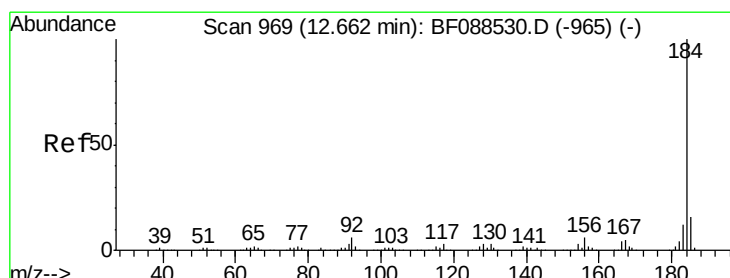
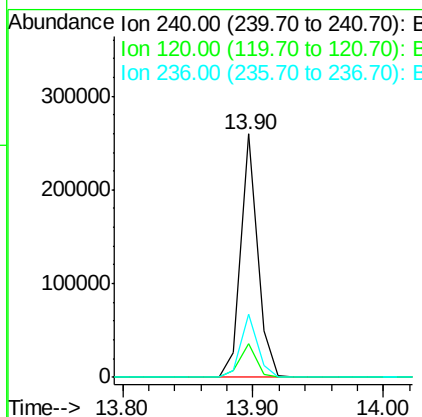
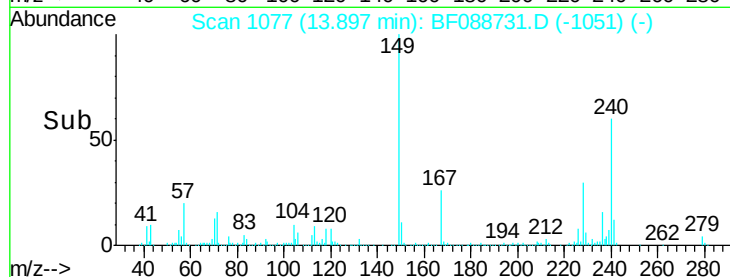
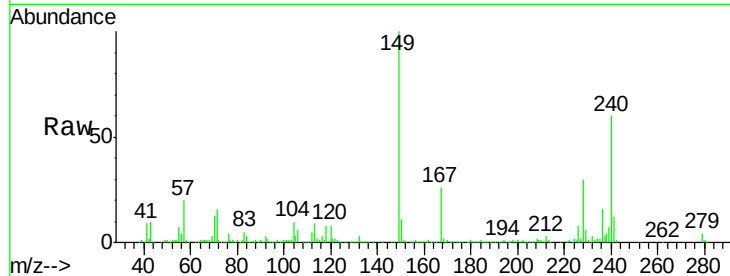
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:240 Resp: 232865
Ion Ratio Lower Upper
240 100
120 13.8 6.8 10.2#
236 26.1 20.2 30.2

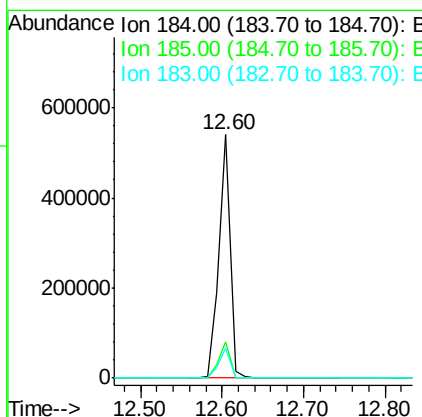
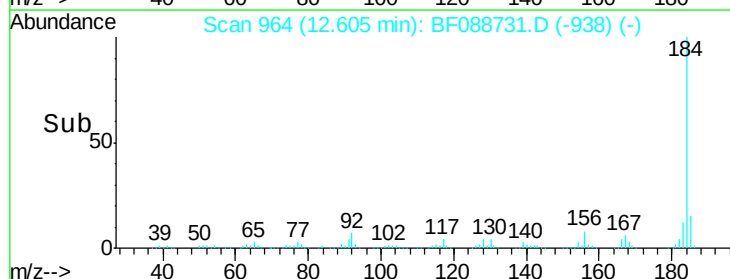
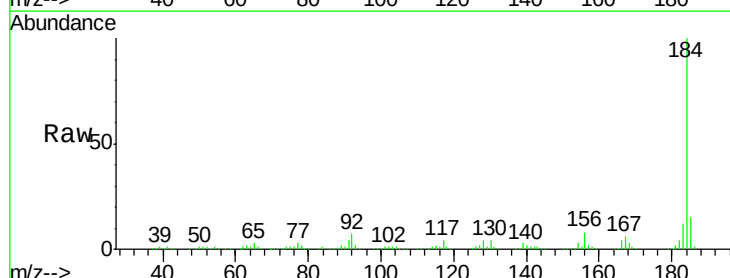
Manual Integrations

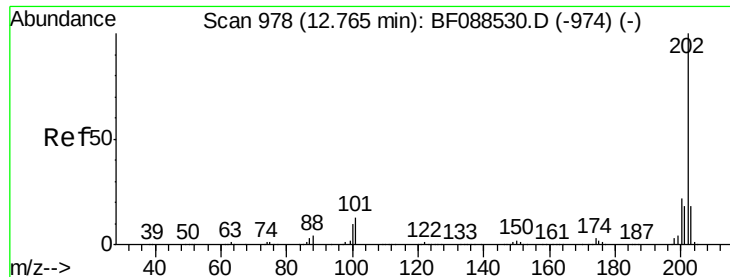
APPROVED
SOHIL
7/7/2016 1:55:40 AM



#76
Benzidine
Concen: 44.02 ng
RT: 12.60 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion:184 Resp: 518148
Ion Ratio Lower Upper
184 100
185 15.1 12.5 18.7
183 12.1 9.3 13.9





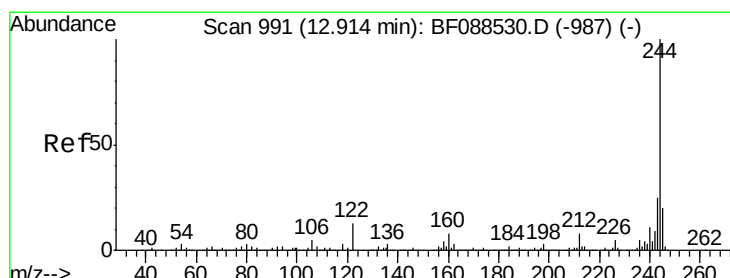
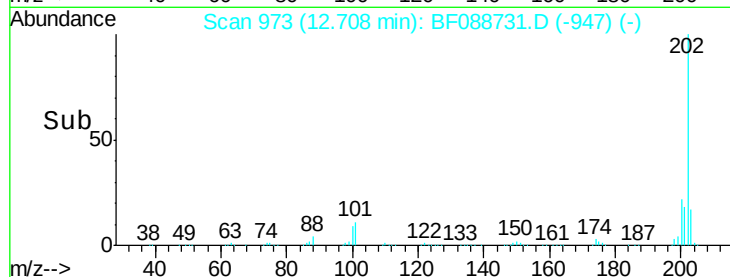
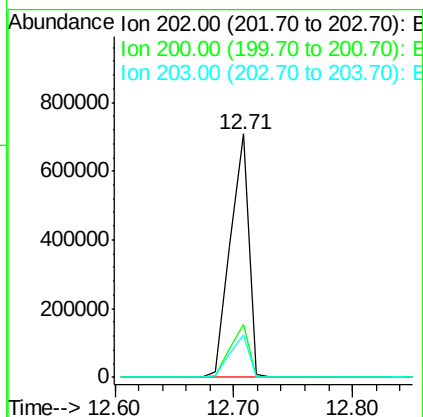
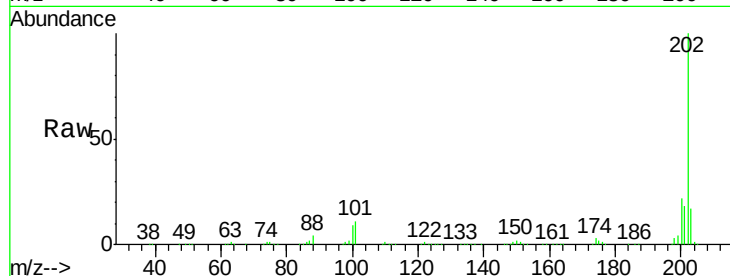
#77
 Pyrene
 Concen: 38.85 ng
 RT: 12.71 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.3	14.5	21.7

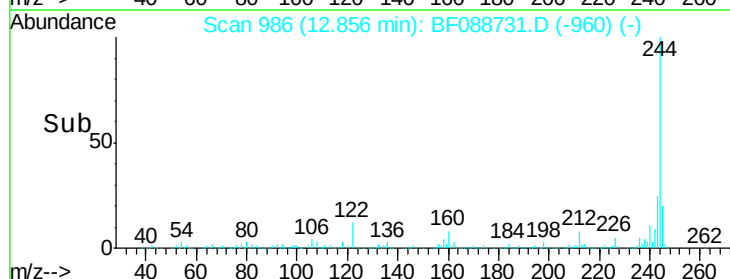
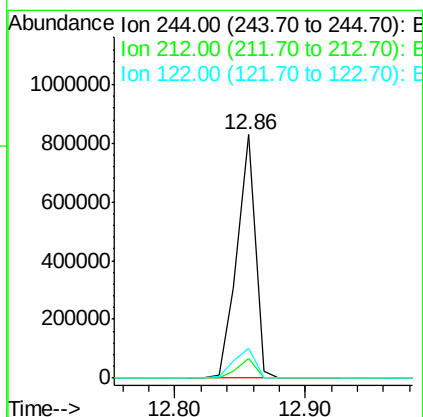
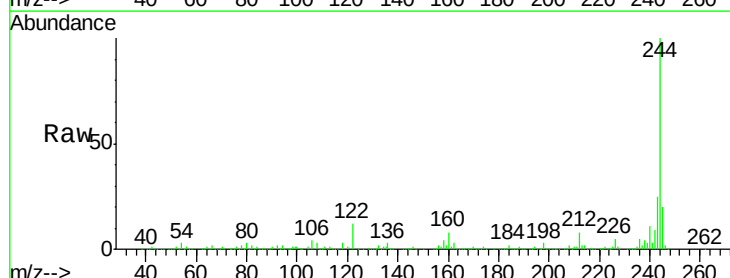
Manual Integrations

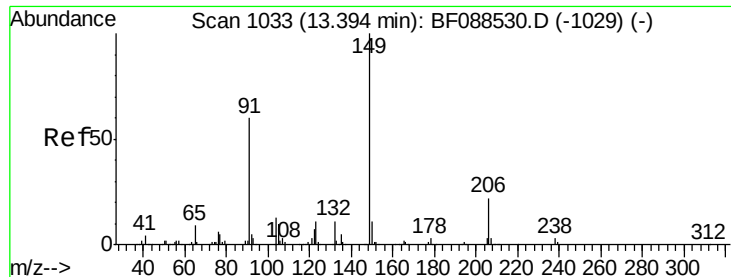
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#78
 Terphenyl-d14
 Concen: 76.91 ng
 RT: 12.86 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	12.4	11.2	16.8





#79

Butylbenzylphthalate

Concen: 35.54 ng

RT: 13.33 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 312977
Ion Ratio Lower Upper

149 100

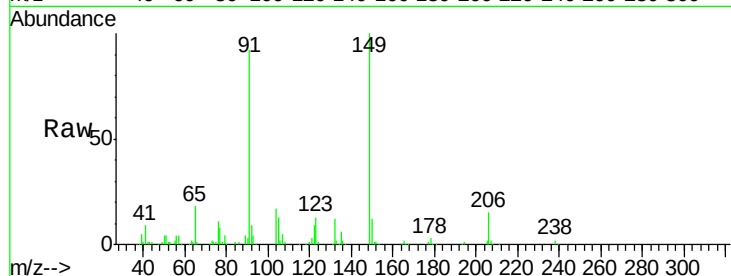
91 91.8 48.0 72.0#

206 14.8 16.0 24.0#

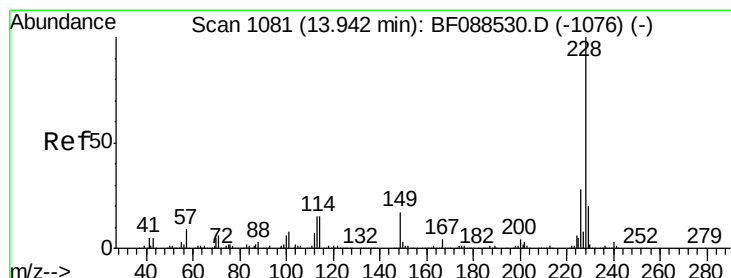
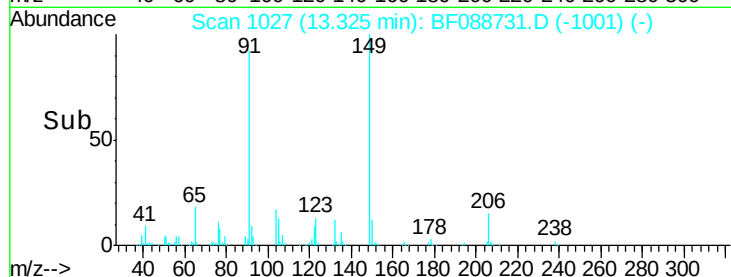
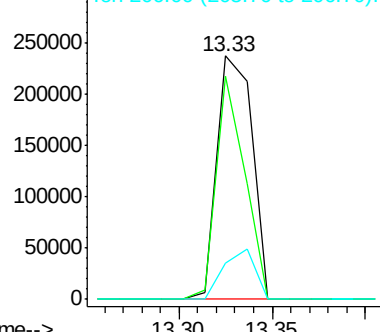
Manual Integrations

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.40 ng

RT: 13.89 min Scan# 1076

Delta R.T. 0.00 min

Lab File: BF088731.D

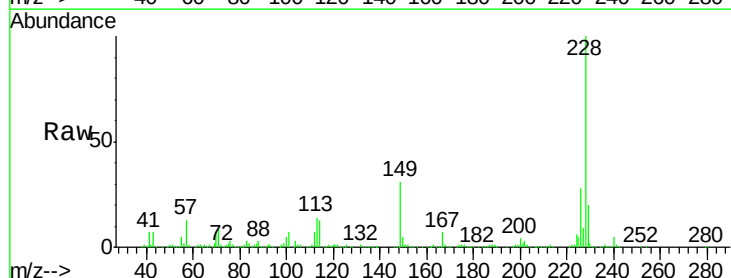
Acq: 6 Jul 2016 11:00

Tgt Ion:228 Resp: 575855
Ion Ratio Lower Upper

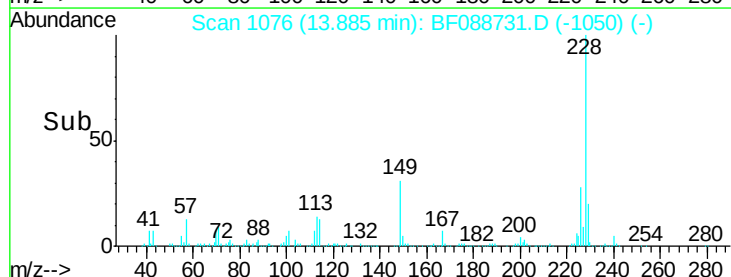
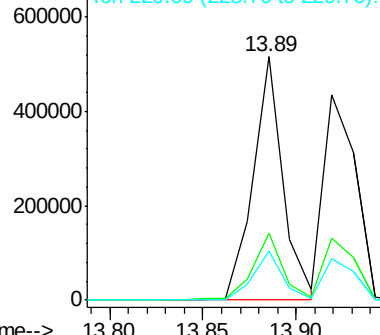
228 100

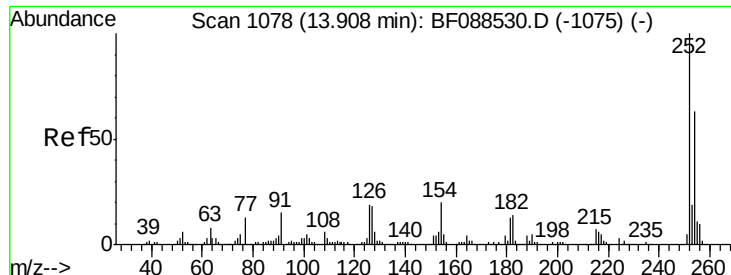
226 27.5 22.3 33.5

229 20.0 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





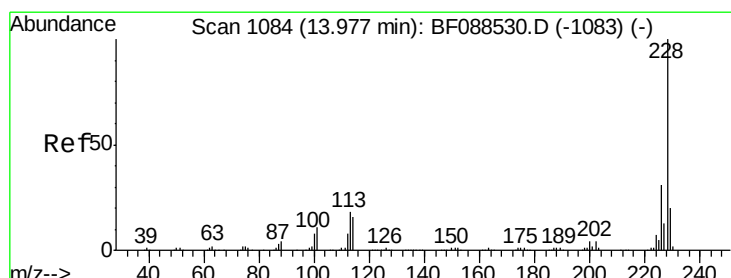
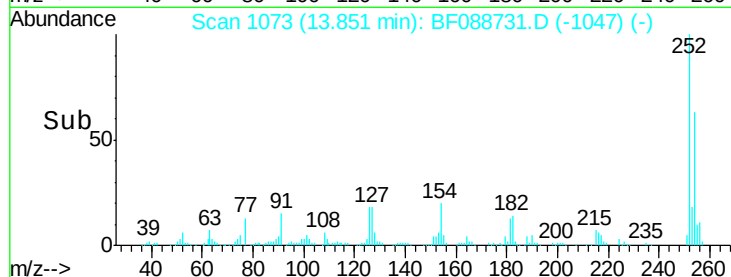
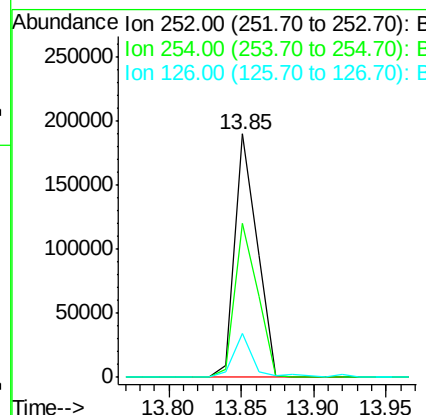
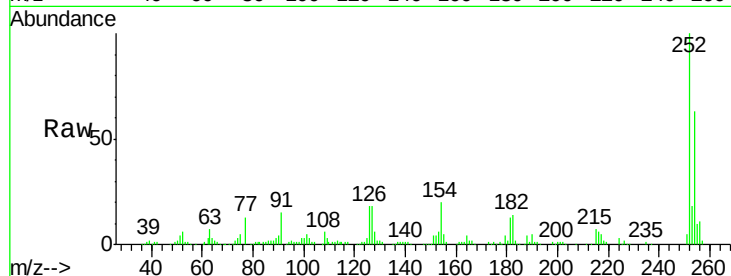
#81
 3,3'-Dichlorobenzidine
 Concen: 36.16 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.0	52.6	78.8
126	18.2	6.2	9.2

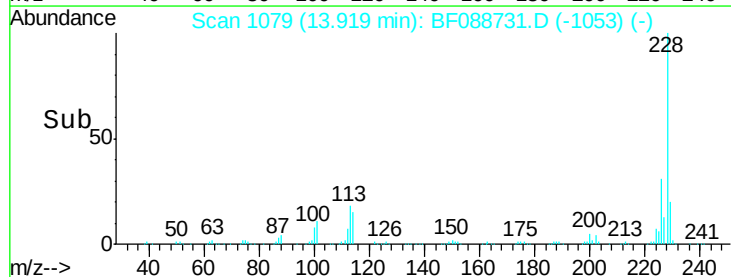
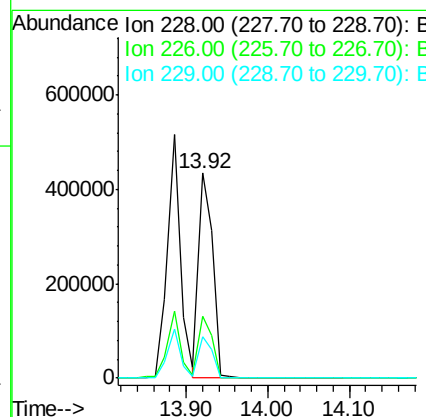
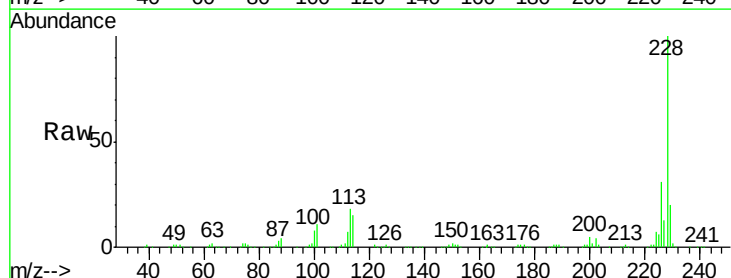
Manual Integrations

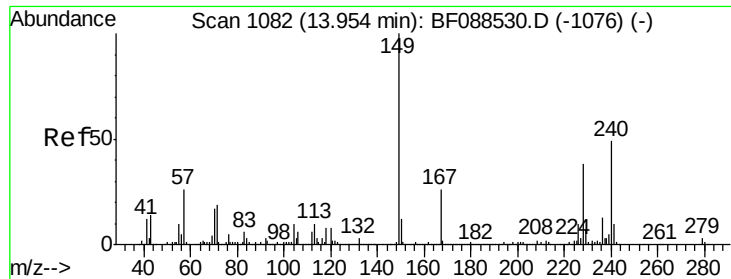
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#82
 Chrysene
 Concen: 35.11 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.2
229	19.9	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.35 ng

RT: 13.90 min Scan# 1077

Delta R.T. 0.00 min

Lab File: BF088731.D

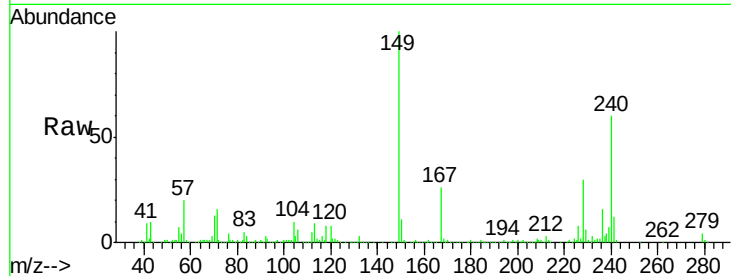
Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:149 Resp: 415729

Ion Ratio Lower Upper

149 100

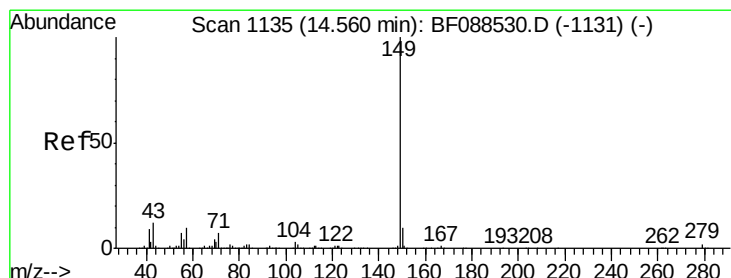
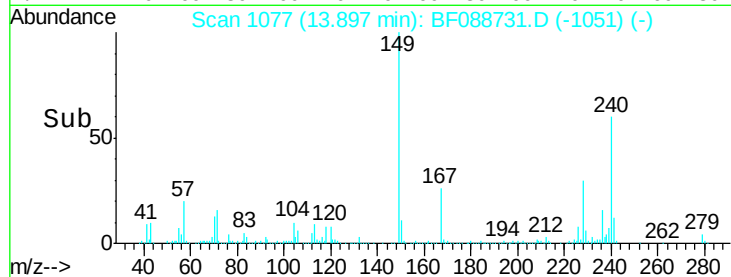
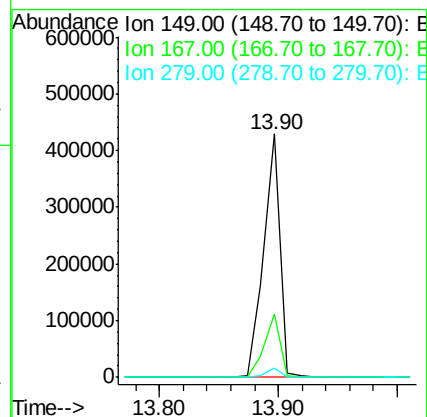
167 26.2 20.5 30.7

279 3.8 2.0 3.0#

Manual Integrations

SOHIL

7/7/2016 1:55:40 AM



#84

Di-n-octyl phthalate

Concen: 41.88 ng

RT: 14.50 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

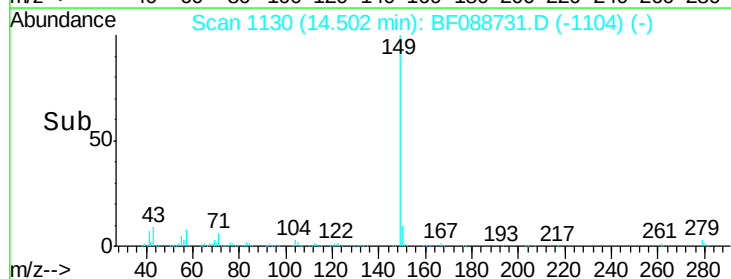
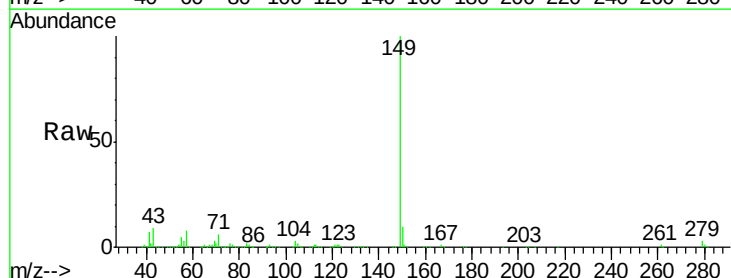
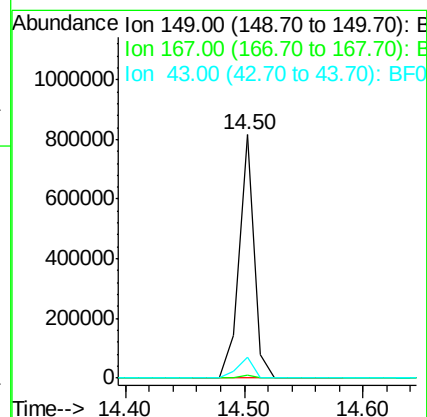
Tgt Ion:149 Resp: 715326

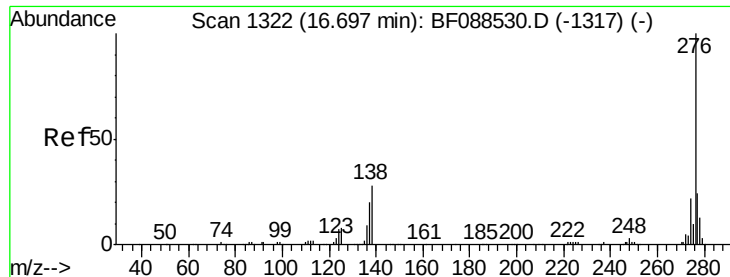
Ion Ratio Lower Upper

149 100

167 1.4 0.0 0.0#

43 9.6 0.0 0.0#





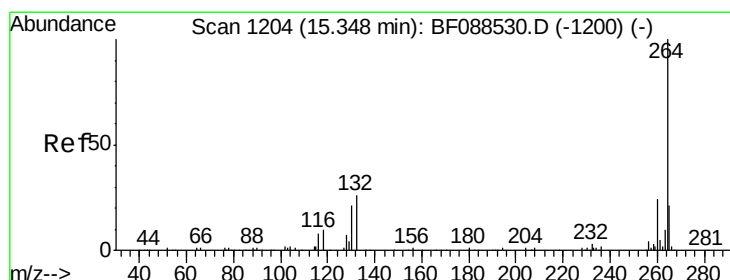
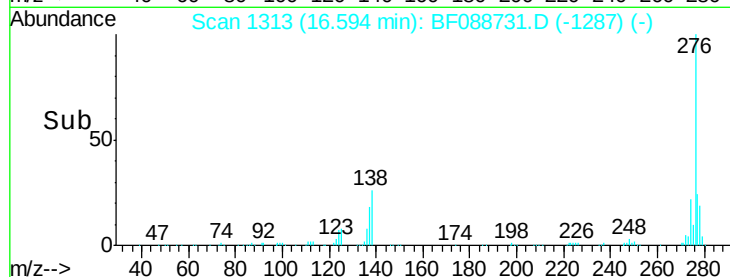
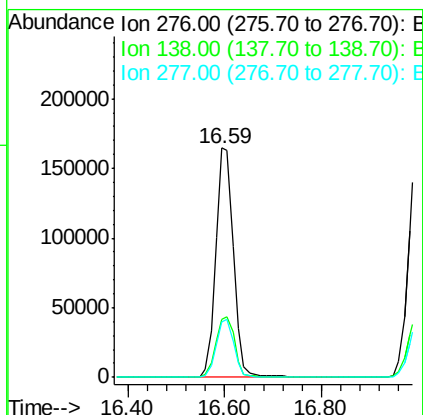
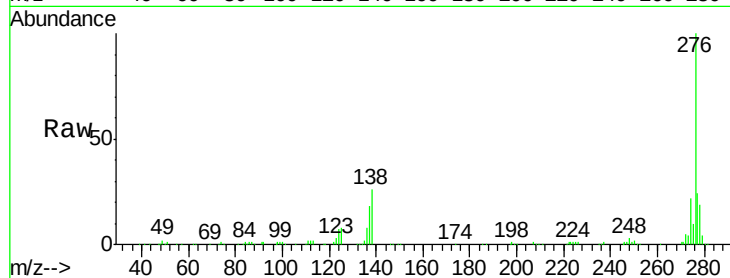
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.22 ng
 RT: 16.59 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.3	0.0	0.0#
277	25.4	0.0	0.0#

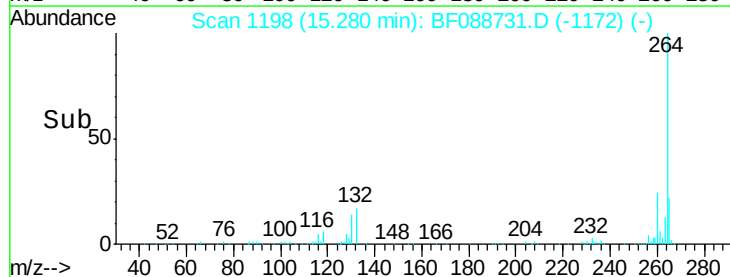
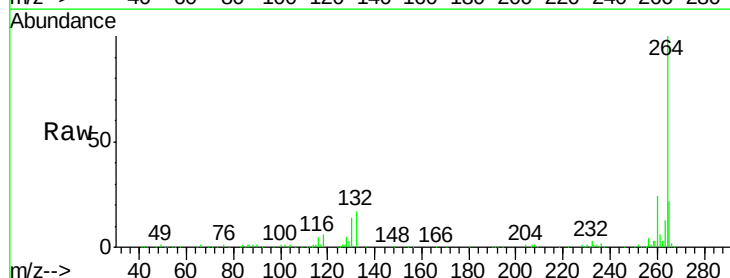
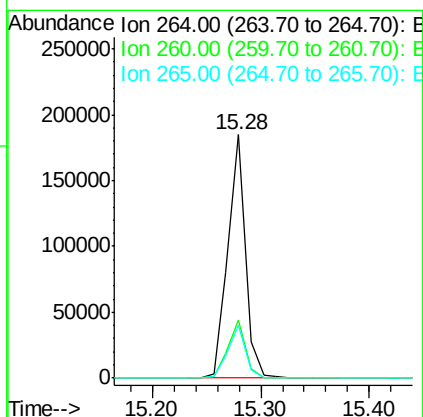
Manual Integrations

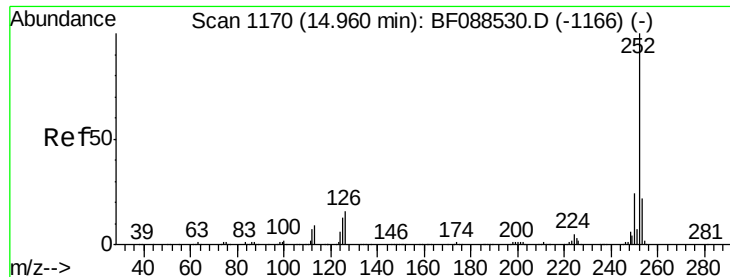
SOHIL
 7/7/2016 1:55:40 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 36.22 ng m

RT: 14.89 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

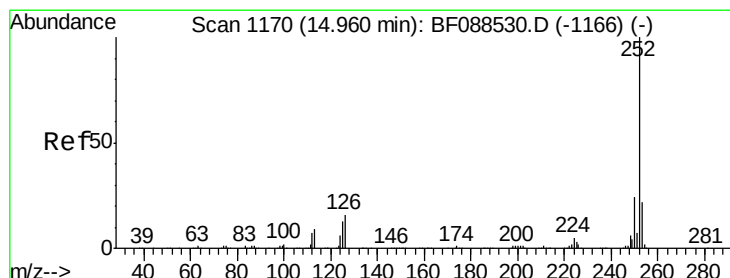
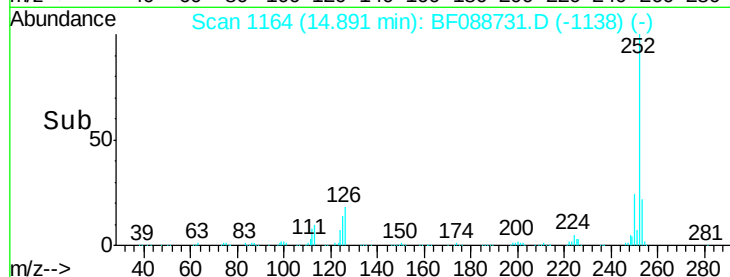
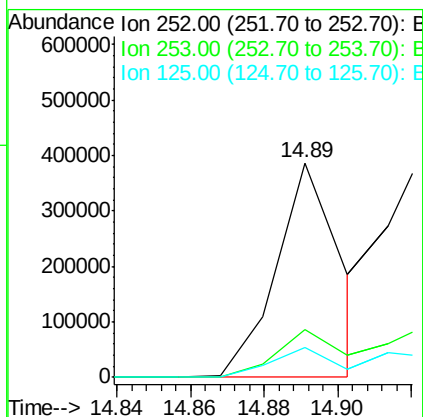
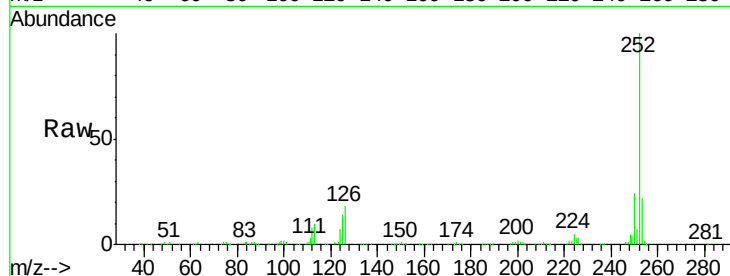
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	13.7	7.1	10.7#

Manual Integrations

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#88

Benzo(k)fluoranthene

Concen: 45.04 ng m

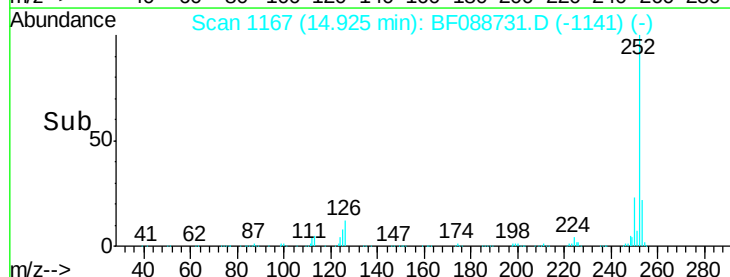
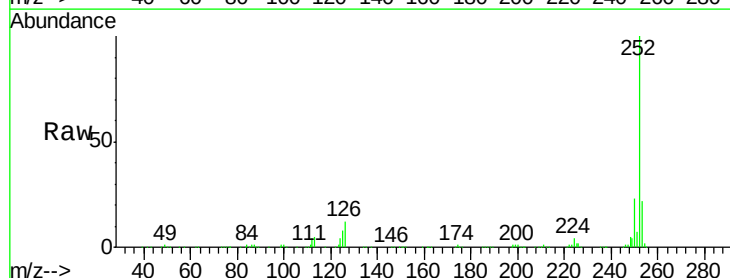
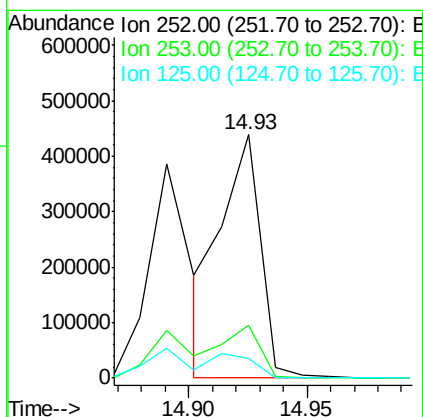
RT: 14.93 min Scan# 1167

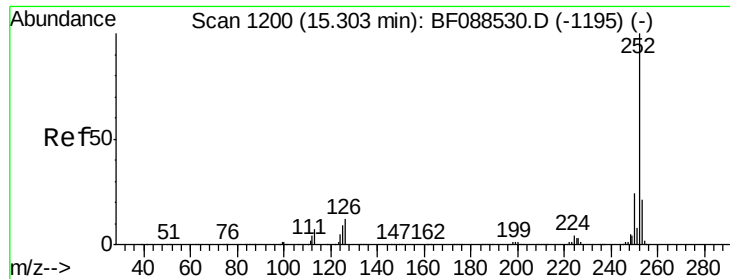
Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	8.0	11.2	16.8#





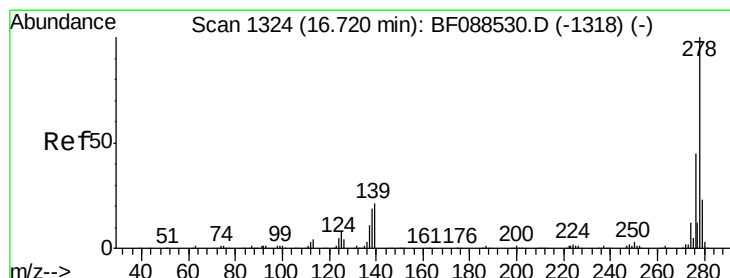
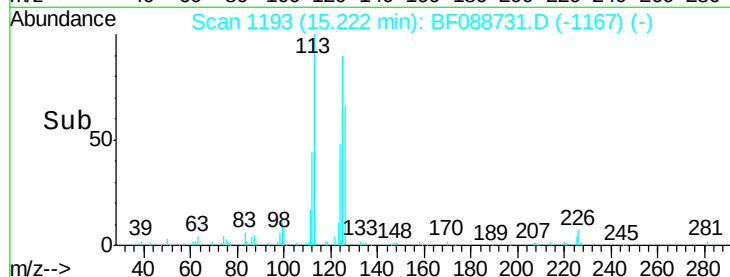
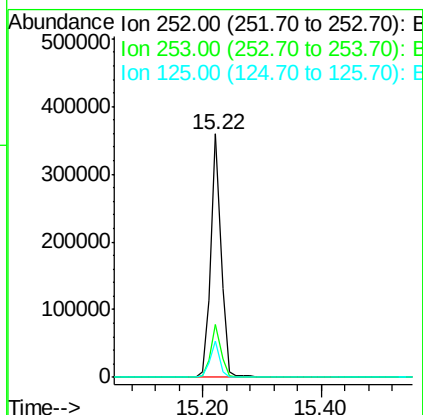
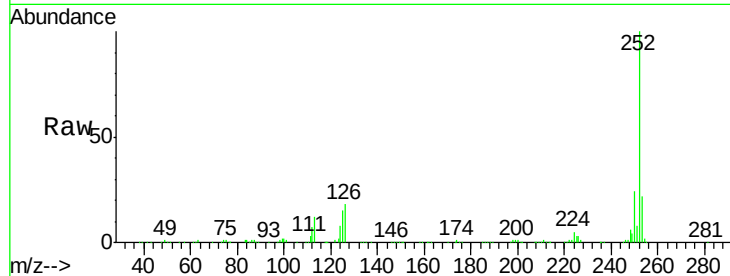
#89
Benzo(a)pyrene
Concen: 39.63 ng
RT: 15.22 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	15.0	12.5	18.7

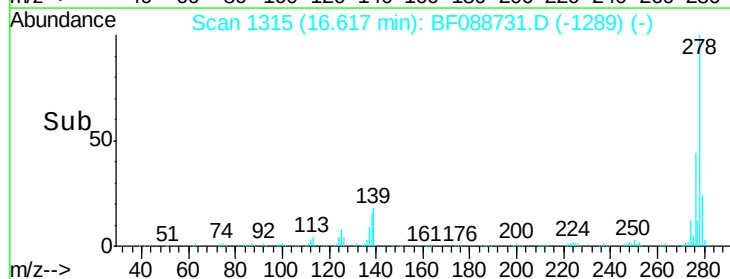
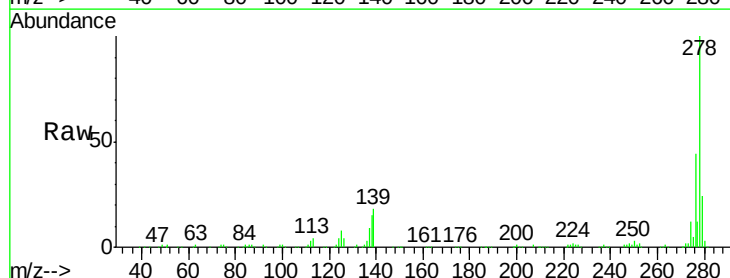
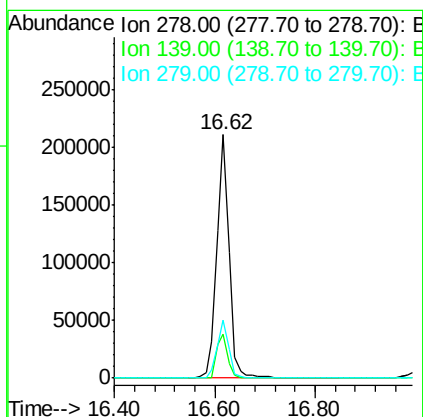
Manual Integrations

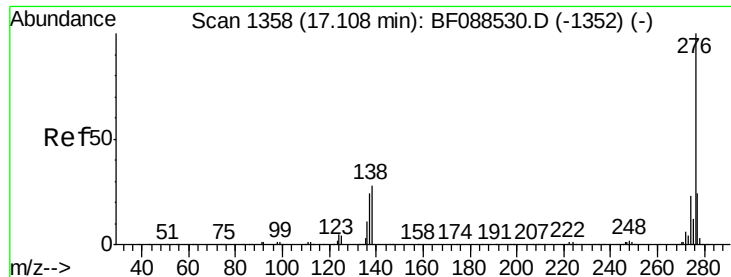
SOHIL
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#90
Dibenzo(a,h)anthracene
Concen: 39.39 ng
RT: 16.62 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.7	23.5
279	24.1	19.4	29.2





#91

Benzo(g,h,i)perylene

Concen: 38.40 ng

RT: 16.99 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF088731.D

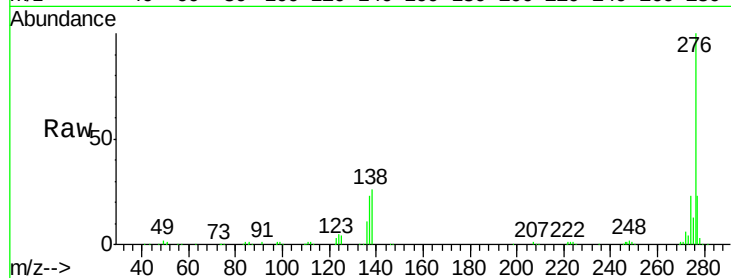
Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	26.0	21.4	32.2

Manual Integrations

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