

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
 Data File : BF087711.D
 Acq On : 5 Jun 2016 16:50
 Operator : UM/SJ
 Sample : H3362-03MS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MS

Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:24:57 PM

Quant Time: Jun 06 04:03:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	149170	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	606535	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	293573	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	515027	20.00	ng	0.00
75) Chrysene-d12	14.02	240	374695	20.00	ng	0.00
86) Perylene-d12	15.45	264	312854	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	490315	53.13	ng	0.01
7) Phenol-d6	6.49	99	391510	33.83	ng	0.00
23) Nitrobenzene-d5	7.43	82	773116	73.75	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	307911	104.49	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1433928	71.23	ng	0.00
78) Terphenyl-d14	12.97	244	1044860	68.04	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	59038	13.23	ng	# 19
3) Pyridine	3.27	79	124395	10.56	ng	99
4) n-Nitrosodimethylamine	3.19	42	73386	14.74	ng	95
6) Aniline	6.52	93	349784	21.32	ng	97
8) 2-Chlorophenol	6.64	128	304759	28.70	ng	95
9) Benzaldehyde	6.40	77	32093	4.10	ng	85
10) Phenol	6.50	94	170926	12.97	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	336447	35.13	ng	96
12) 1,3-Dichlorobenzene	6.80	146	370523	32.59	ng	99
13) 1,4-Dichlorobenzene	6.88	146	394061	34.54	ng	99
14) 1,2-Dichlorobenzene	7.04	146	358790	33.54	ng	99
15) Benzyl Alcohol	7.00	79	214136	25.04	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	501604	35.92	ng	97
17) 2-Methylphenol	7.12	107	220197	25.82	ng	97
18) Hexachloroethane	7.38	117	141998	35.59	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	274639	37.99	ng	# 81
20) 3+4-Methylphenols	7.27	107	222568	21.30	ng	# 67
22) Acetophenone	7.28	105	545414	39.70	ng	98
24) Nitrobenzene	7.45	77	451586	43.04	ng	95
25) Isophorone	7.69	82	739059	38.72	ng	100
26) 2-Nitrophenol	7.76	139	192917	39.57	ng	98
27) 2,4-Dimethylphenol	7.80	122	330157	32.68	ng	97
28) bis(2-Chloroethoxy)methane	7.91	93	495761	40.95	ng	99
29) 2,4-Dichlorophenol	8.00	162	302562	36.46	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	336425	38.72	ng	100
31) Naphthalene	8.17	128	1102812	37.40	ng	100
32) Benzoic acid	7.88	122	66974	10.99	ng	97
33) 4-Chloroaniline	8.22	127	388729	30.34	ng	99
34) Hexachlorobutadiene	8.30	225	170897	37.83	ng	98
35) Caprolactam	8.59	113	14507	5.32	ng	96
36) 4-Chloro-3-methylphenol	8.70	107	313149	36.48	ng	97
37) 2-Methylnaphthalene	8.87	142	754800	38.76	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	282315	34.89	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	296550	62.31	ng	100

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
 Data File : BF087711.D
 Acq On : 5 Jun 2016 16:50
 Operator : UM/SJ
 Sample : H3362-03MS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MS

Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:24:57 PM

Quant Time: Jun 06 04:03:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	237783	38.91	nq	98
43) 2,4,5-Trichlorophenol	9.18	196	221879	39.02	nq	96
45) 1,1'-Biphenyl	9.32	154	829793	34.83	nq	99
46) 2-Chloronaphthalene	9.35	162	670974	35.38	nq	99
47) 2-Nitroaniline	9.45	65	235026	44.01	nq	# 67
48) Acenaphthylene	9.77	152	1180688	39.92	nq	99
49) Dimethylphthalate	9.63	163	757788	35.51	nq	99
50) 2,6-Dinitrotoluene	9.69	165	179904	37.05	nq	# 67
51) Acenaphthene	9.94	154	799787	42.03	nq	99
52) 3-Nitroaniline	9.86	138	210813	37.96	nq	86
53) 2,4-Dinitrophenol	9.96	184	179783	81.50	nq	# 84
54) Dibenzofuran	10.11	168	1048586	40.47	nq	93
55) 4-Nitrophenol	10.01	139	119545	25.18	nq	86
56) 2,4-Dinitrotoluene	10.09	165	229004	37.03	nq	# 64
57) Fluorene	10.46	166	770819	38.06	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	191029	39.00	nq	# 54
59) Diethylphthalate	10.33	149	762269	35.56	nq	99
60) 4-Chlorophenyl-phenylether	10.44	204	293441	34.24	nq	97
61) 4-Nitroaniline	10.47	138	204826	38.36	nq	94
62) Azobenzene	10.60	77	812215	37.65	nq	97
64) 4,6-Dinitro-2-methylphenol	10.50	198	127090	44.55	nq	# 60
65) n-Nitrosodiphenylamine	10.57	169	733824	43.50	nq	100
66) 4-Bromophenyl-phenylether	10.94	248	215771	42.25	nq	# 92
67) Hexachlorobenzene	10.99	284	221537	38.79	nq	94
68) Atrazine	11.10	200	203551	40.74	nq	93
69) Pentachlorophenol	11.19	266	224141	66.05	nq	98
70) Phenanthrene	11.42	178	1153293	41.30	nq	99
71) Anthracene	11.46	178	1002523	35.83	nq	100
72) Carbazole	11.62	167	1129079	42.63	nq	97
73) Di-n-butylphthalate	11.95	149	1176655	41.44	nq	100
74) Fluoranthene	12.59	202	1001087	36.43	nq	98
76) Benzidine	12.72	184	442007	29.92	nq	99
77) Pyrene	12.82	202	992276	37.19	nq	99
79) Butylbenzylphthalate	13.45	149	531251	46.78	nq	98
80) Benzo(a)anthracene	14.01	228	774964	35.84	nq	99
81) 3,3'-Dichlorobenzidine	13.98	252	219146	35.92	nq	# 99
82) Chrysene	14.05	228	760220	35.32	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	599517	44.37	nq	# 98
84) Di-n-octyl phthalate	14.62	149	1010665	40.23	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.85	276	784227	44.08	nq	# 100
87) Benzo(b)fluoranthene	15.04	252	782986	38.47	nq	# 98
88) Benzo(k)fluoranthene	15.06	252	664766m	39.26	nq	
89) Benzo(a)pyrene	15.38	252	707520	41.36	nq	100
90) Dibenzo(a,h)anthracene	16.87	278	649212	44.59	nq	97
91) Benzo(g,h,i)perylene	17.27	276	658325	44.82	nq	99

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

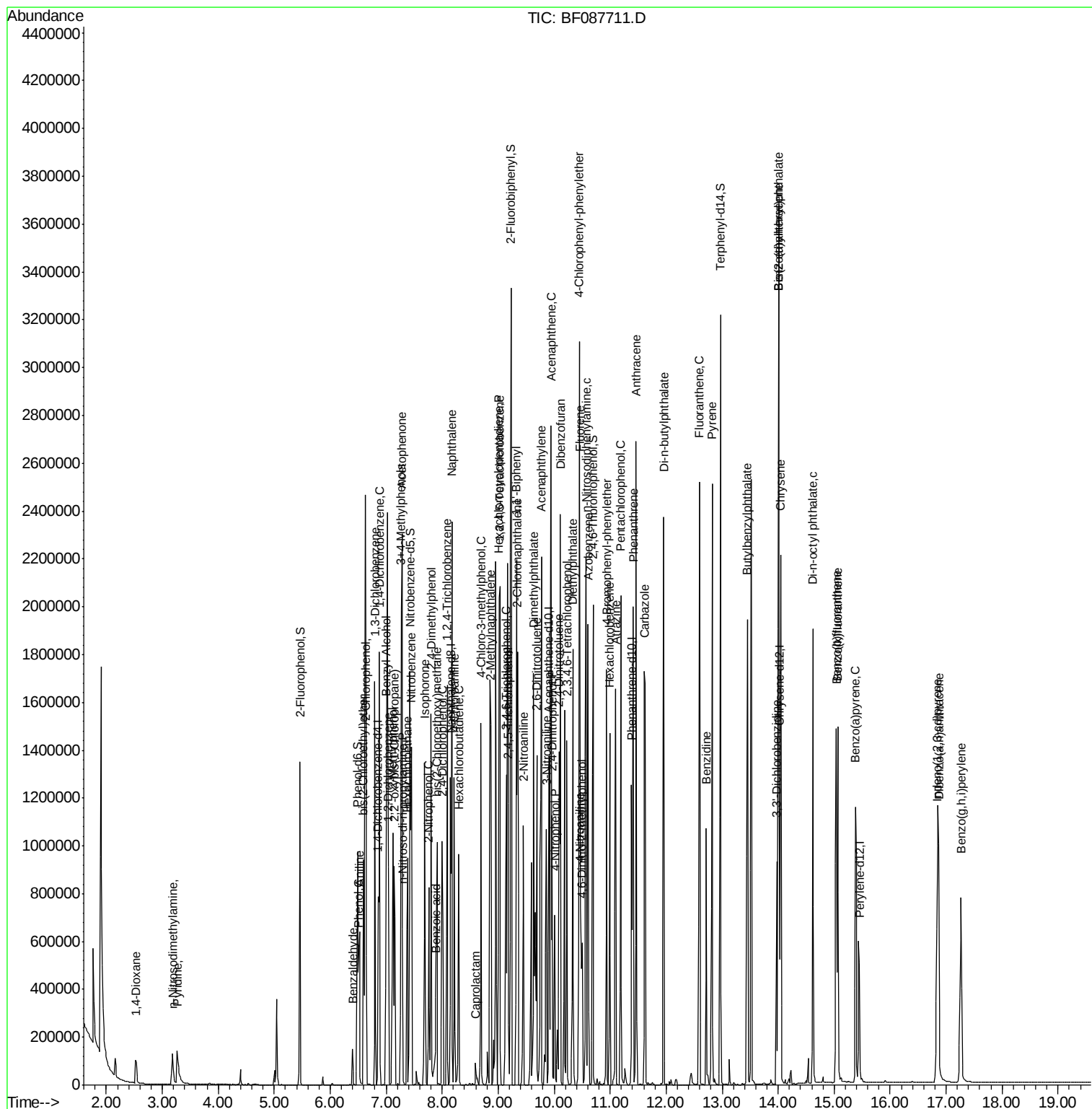
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087711.D
Acq On : 5 Jun 2016 16:50
Operator : UM/SJ
Sample : H3362-03MS
Misc :
ALS Vial : 50 Sample Multiplier: 1

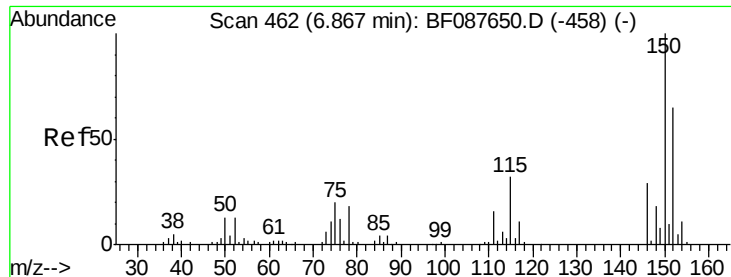
Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MS

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:24:57 PM

Quant Time: Jun 06 04:03:49 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration





#1

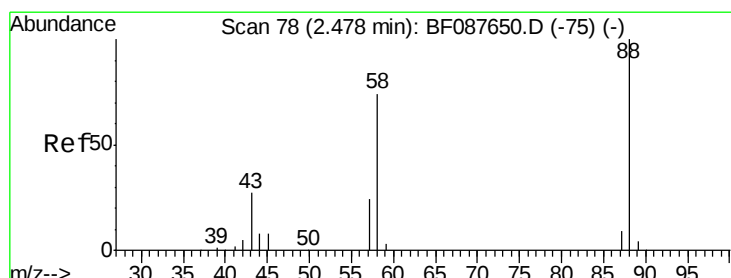
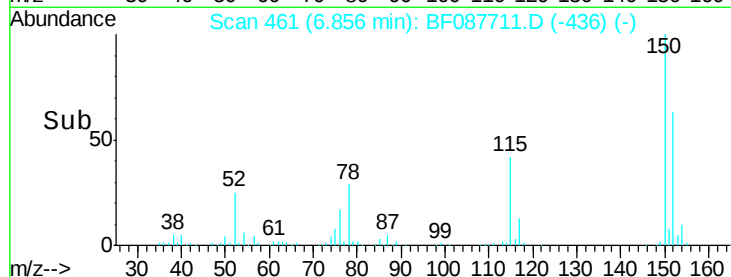
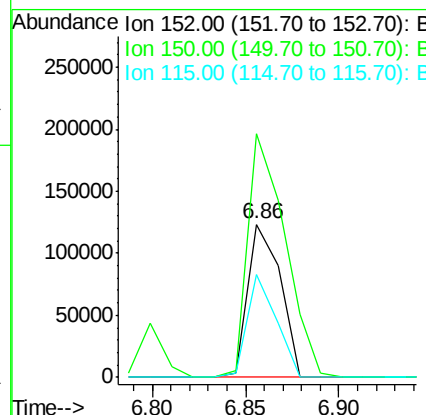
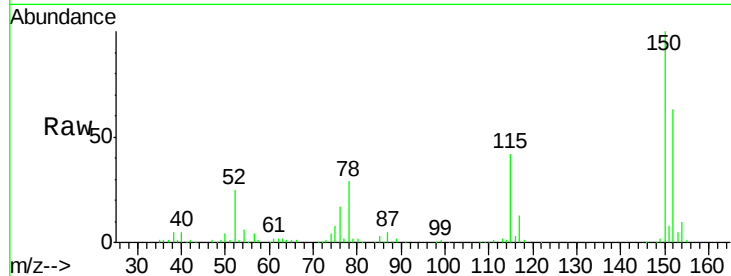
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	123.8	185.6
115	67.1	39.6	59.4

Manual Integrations
APPROVED

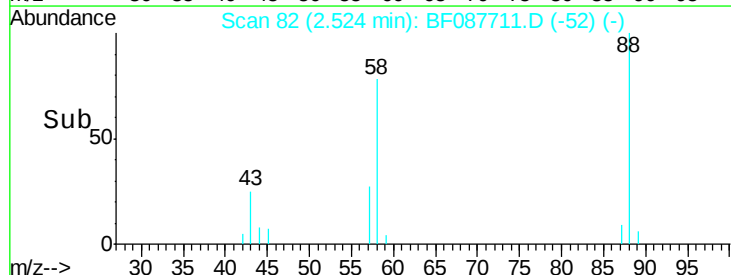
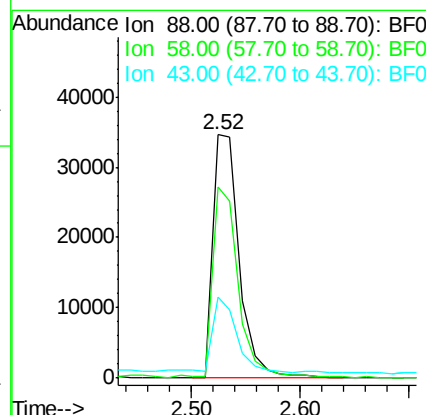
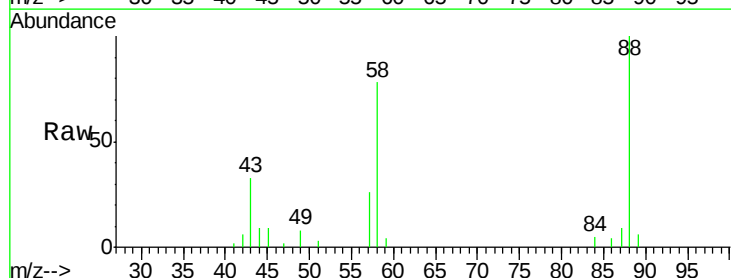
SOHIL
6/6/2016 7:24:57 PM

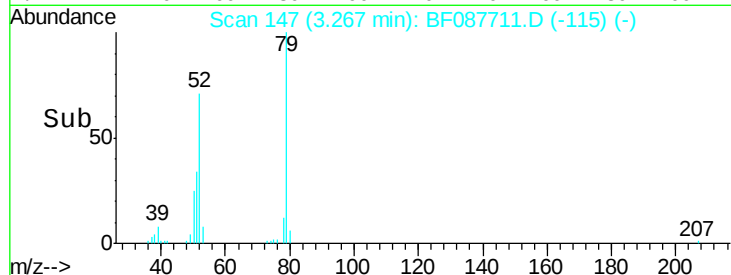
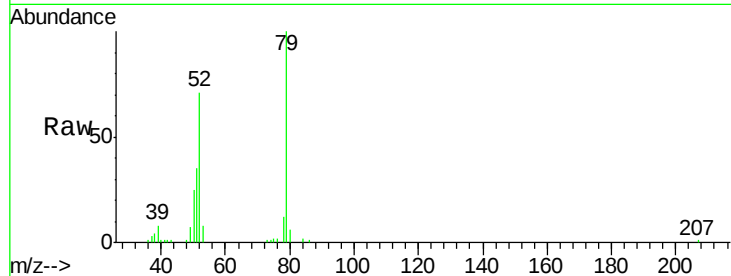
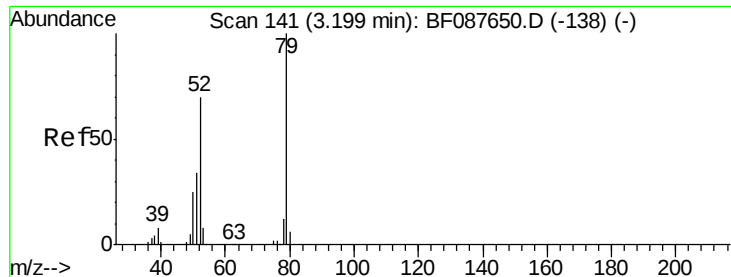


#2

1,4-Dioxane
Concen: 13.23 ng
RT: 2.52 min Scan# 82
Delta R.T. 0.05 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.3	0.0	0.0
43	31.0	3.4	5.2





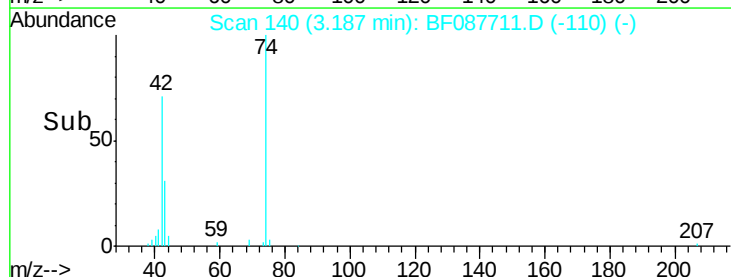
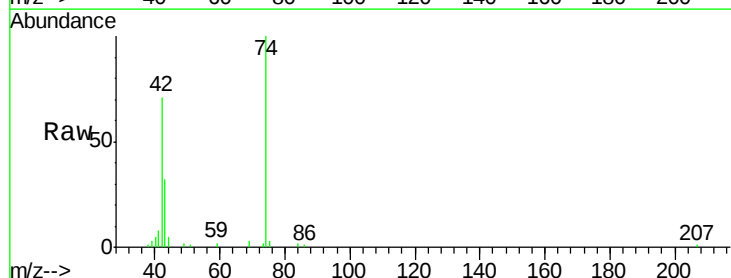
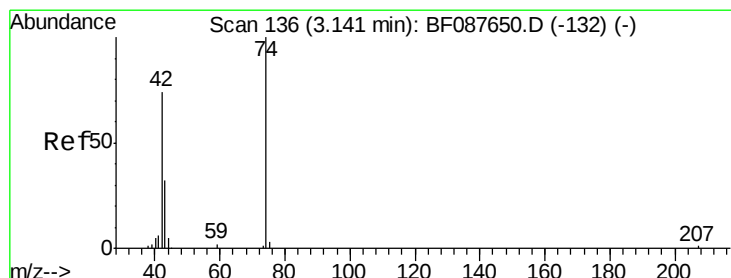
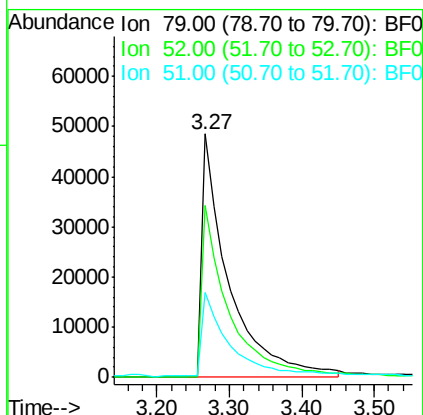
#3
 Pvridine
 Concen: 10.56 ng
 RT: 3.27 min Scan# 147
 Delta R.T. 0.07 min
 Lab File: BF087711.D
 Acq: 5 Jun 2016 16:50

Tot Ion:	79	Resp:	124395
Ion Ratio	Lower	Upper	
79	100		
52	70.8	56.3	84.5
51	35.1	27.4	41.2

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MS

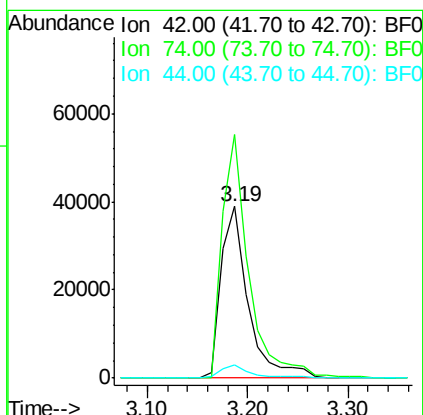
Manual Integrations
 APPROVED

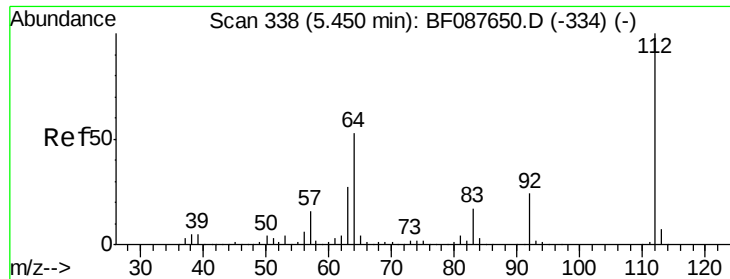
SOHIL
 6/6/2016 7:24:57 PM



#4
 n-Nitrosodimethylamine
 Concen: 14.74 ng
 RT: 3.19 min Scan# 140
 Delta R.T. 0.05 min
 Lab File: BF087711.D
 Acq: 5 Jun 2016 16:50

Tgt Ion:	42	Resp:	73386
Ion Ratio	Lower	Upper	
42	100		
74	141.7	108.6	163.0
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 53.13 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087711.D

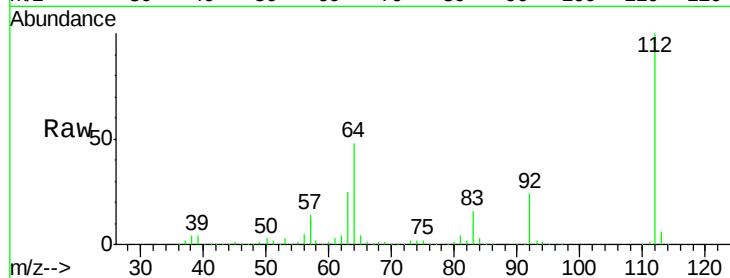
Acq: 5 Jun 2016 16:50

Instrument :

BNA_F

ClientSampleId :

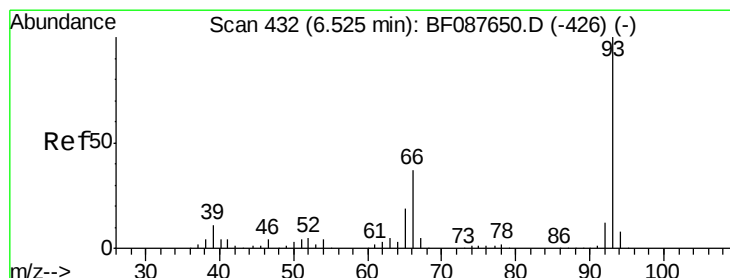
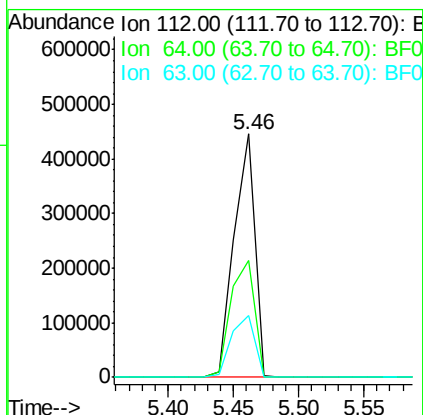
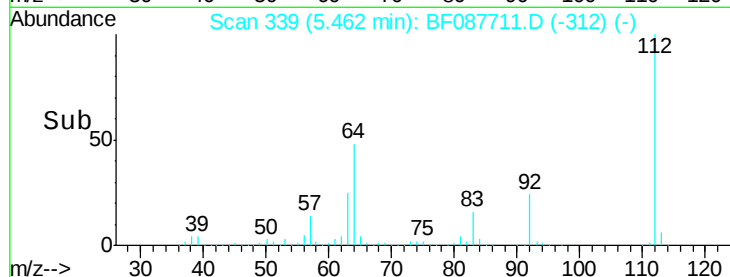
SP16-JMW0991MS



Tot Ion:	112	Resp:	490315
Ion Ratio	Lower	Upper	
112	100		
64	48.3	42.2	63.2
63	25.2	21.8	32.8

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:24:57 PM



#6

Aniline

Concen: 21.32 ng

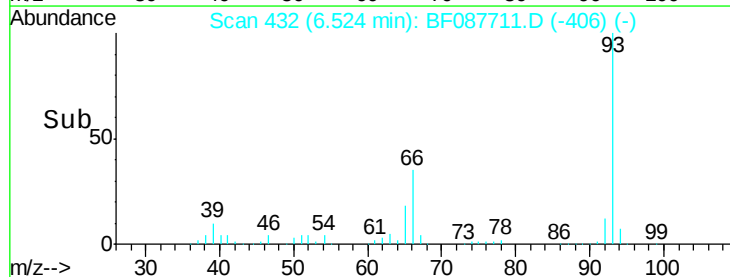
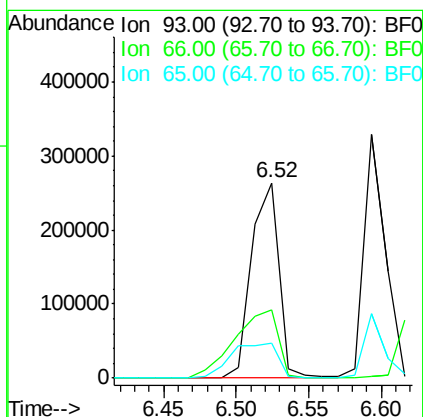
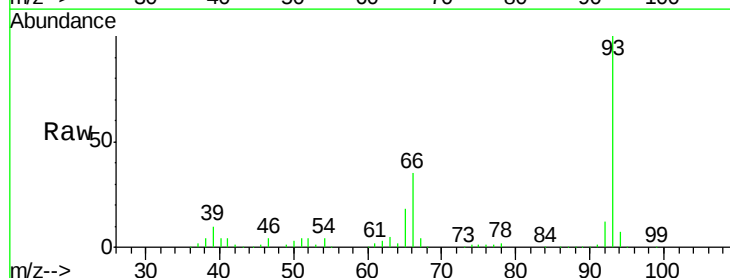
RT: 6.52 min Scan# 432

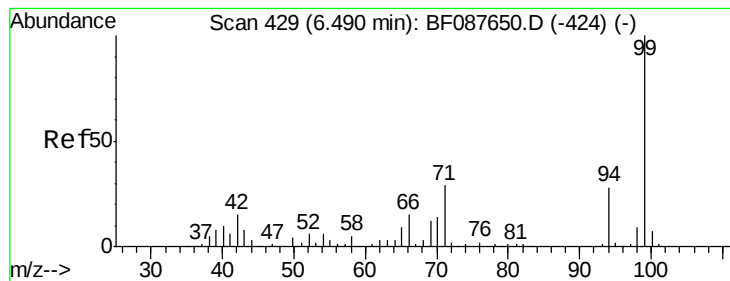
Delta R.T. -0.00 min

Lab File: BF087711.D

Acq: 5 Jun 2016 16:50

Tgt Ion:	93	Resp:	349784
Ion Ratio	Lower	Upper	
93	100		
66	35.2	29.8	44.8
65	17.9	14.9	22.3





#7

Phenol-d6

Concen: 33.83 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087711.D

Acq: 5 Jun 2016 16:50

Instrument :

BNA_F

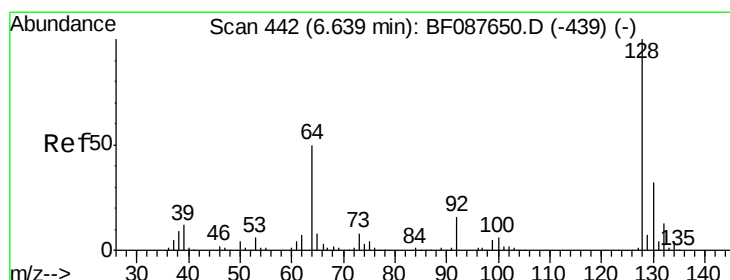
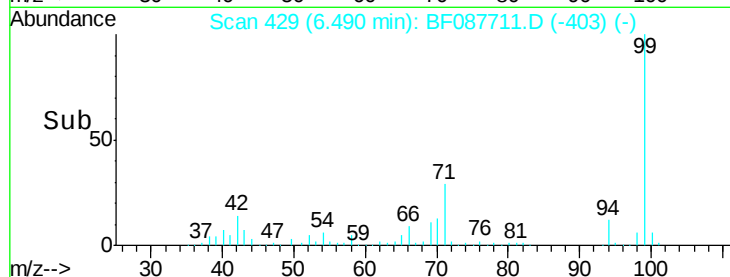
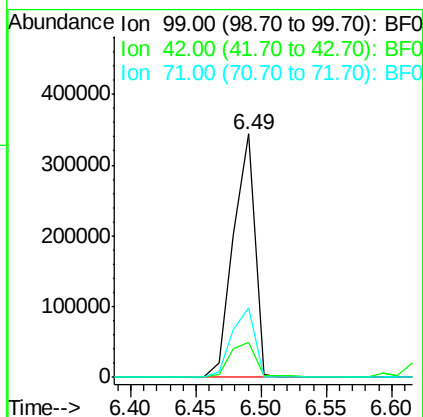
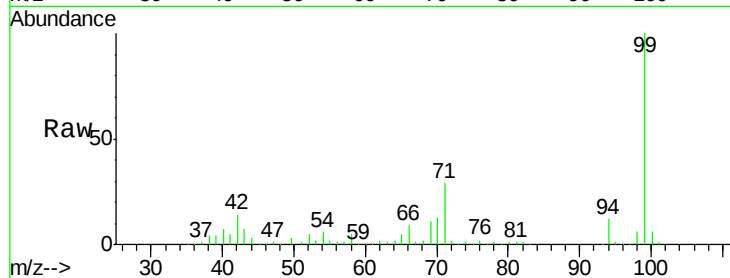
ClientSampleId :

SP16-JMW0991MS

Tot Ion:	99	Resp:	391510
Ion Ratio	Lower	Upper	
99	100		
42	14.2	12.2	18.2
71	28.7	23.4	35.0

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:24:57 PM



#8

2-Chlorophenol

Concen: 28.70 ng

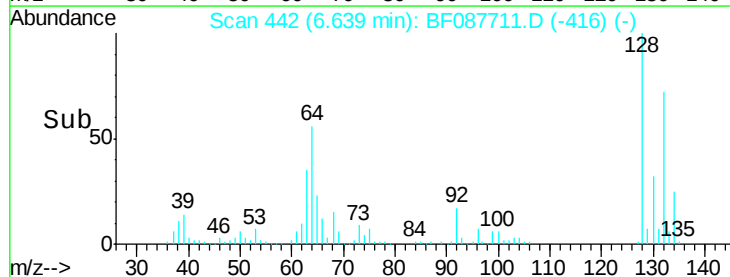
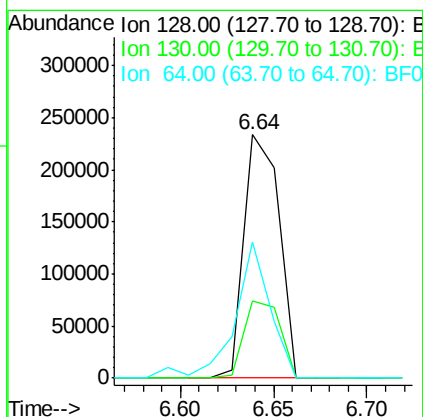
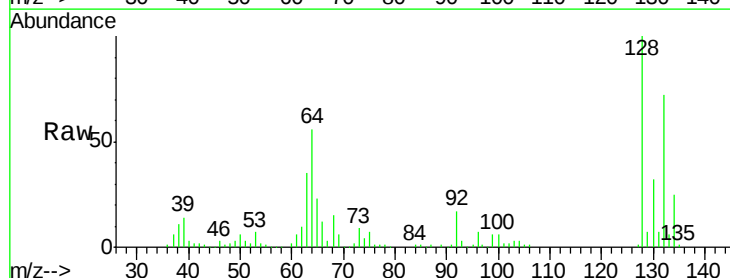
RT: 6.64 min Scan# 442

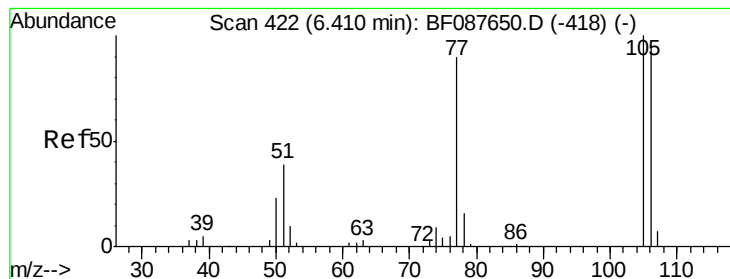
Delta R.T. -0.00 min

Lab File: BF087711.D

Acq: 5 Jun 2016 16:50

Tgt Ion:	128	Resp:	304759
Ion Ratio	Lower	Upper	
128	100		
130	31.8	12.0	52.0
64	56.0	30.8	70.8





#9

Benzaldehyde

Concen: 4.10 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087711.D

Acq: 5 Jun 2016 16:50

Instrument :

BNA_F

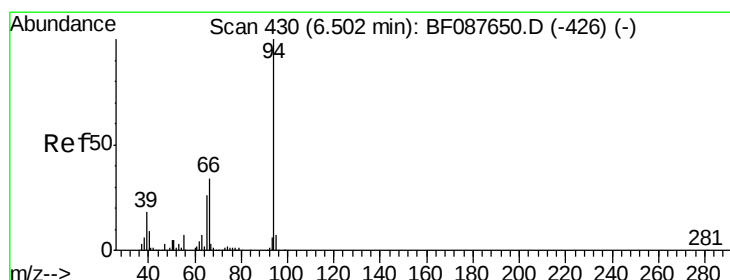
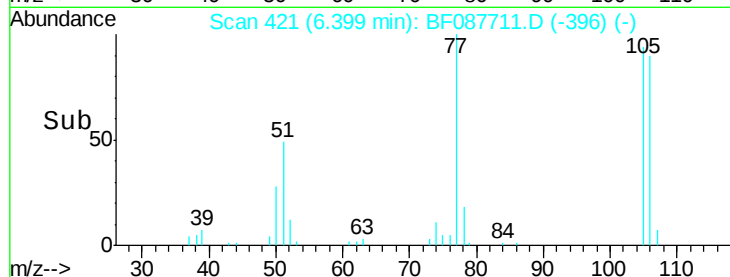
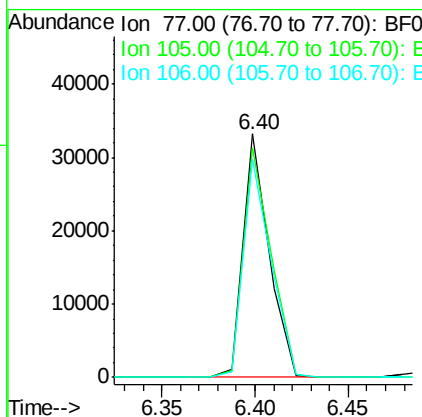
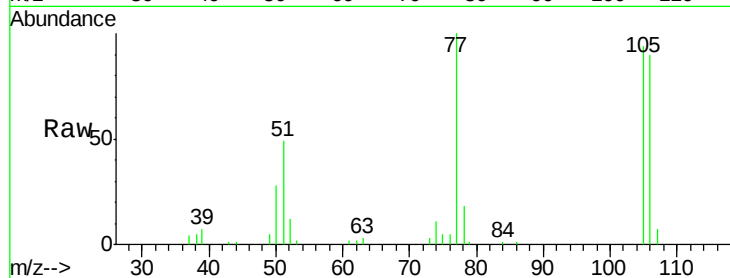
ClientSampleId :

SP16-JMW0991MS

Tot Ion:	77	Resp:	32093
Ion	Ratio	Lower	Upper
77	100		
105	94.3	90.6	130.6
106	89.6	85.3	125.3

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:24:57 PM



#10

Phenol

Concen: 12.97 ng

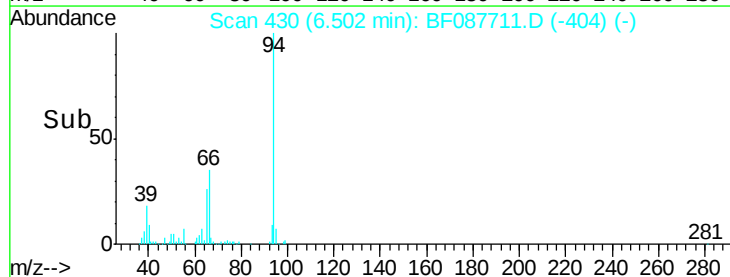
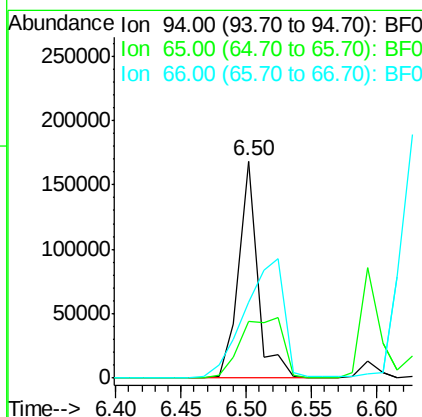
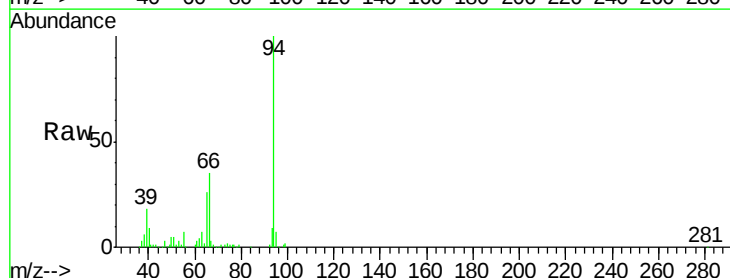
RT: 6.50 min Scan# 430

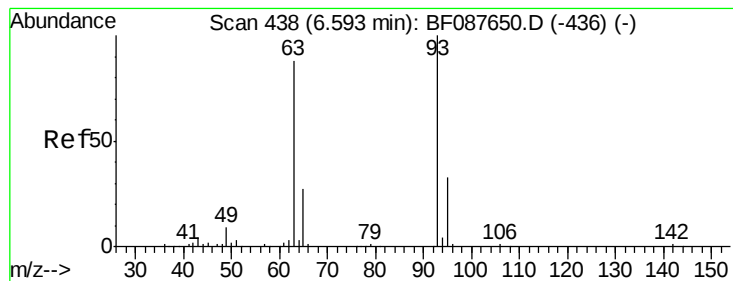
Delta R.T. -0.00 min

Lab File: BF087711.D

Acq: 5 Jun 2016 16:50

Tgt Ion:	94	Resp:	170926
Ion	Ratio	Lower	Upper
94	100		
65	26.3	5.9	45.9
66	34.9	14.0	54.0





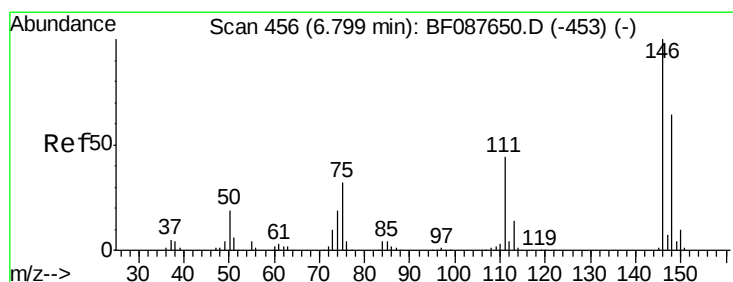
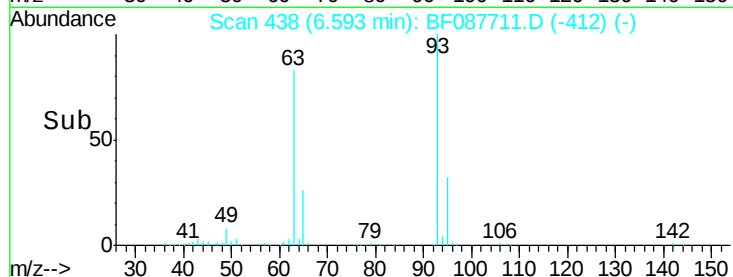
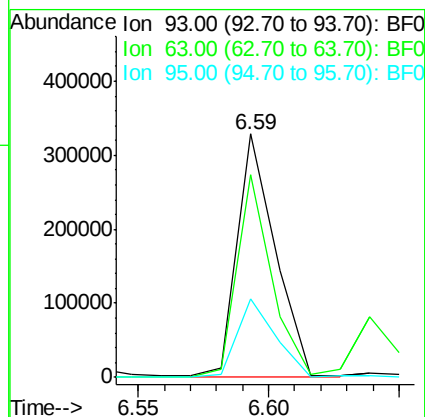
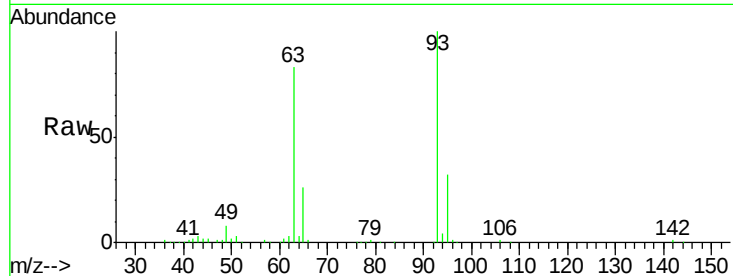
#11
bis(2-Chloroethyl)ether
Concen: 35.13 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.1	67.6	107.6
95	32.4	12.5	52.5

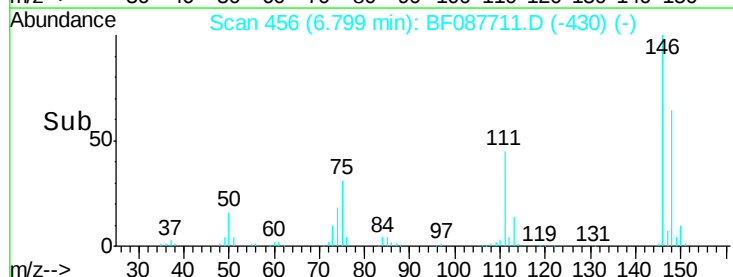
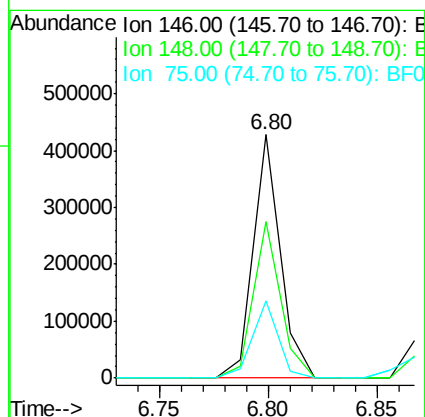
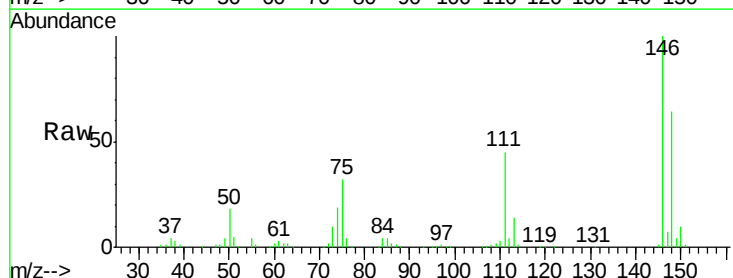
Manual Integrations
APPROVED

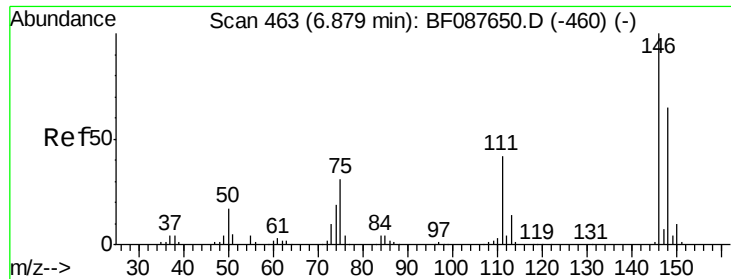
SOHIL
6/6/2016 7:24:57 PM



#12
1,3-Dichlorobenzene
Concen: 32.59 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.9	76.3
75	31.8	25.6	38.4





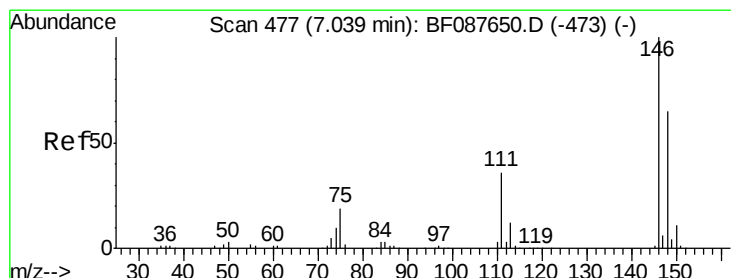
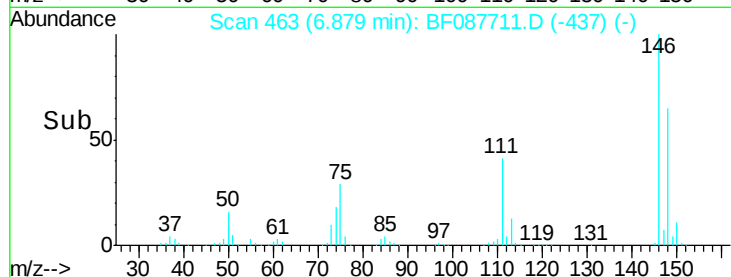
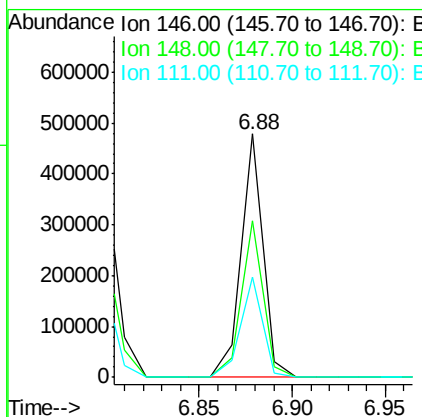
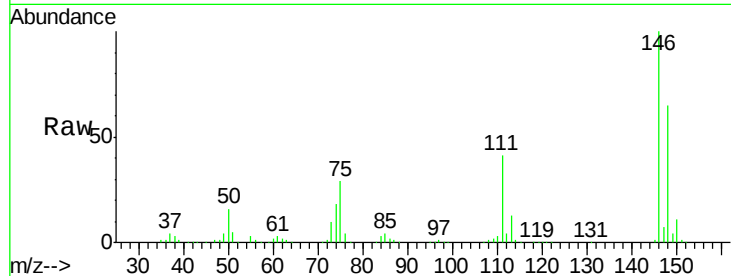
#13
 1,4-Dichlorobenzene
 Concen: 34.54 ng
 RT: 6.88 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF087711.D
 Acq: 5 Jun 2016 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.0	78.0
111	41.2	33.8	50.8

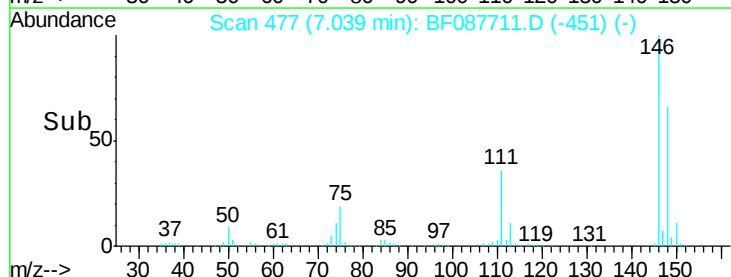
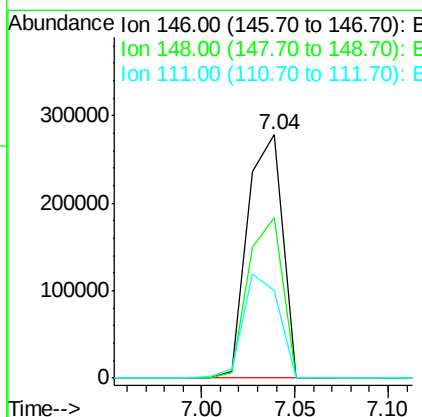
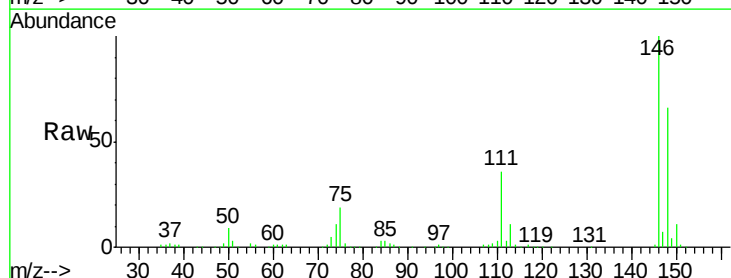
Manual Integrations
 APPROVED

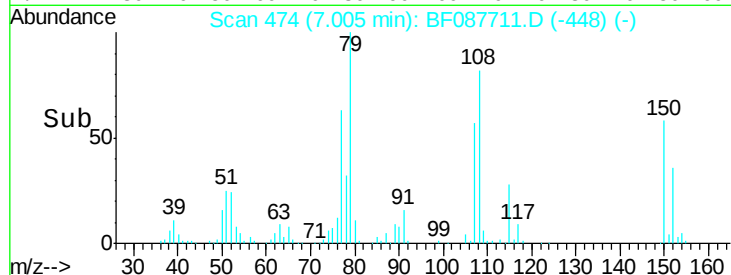
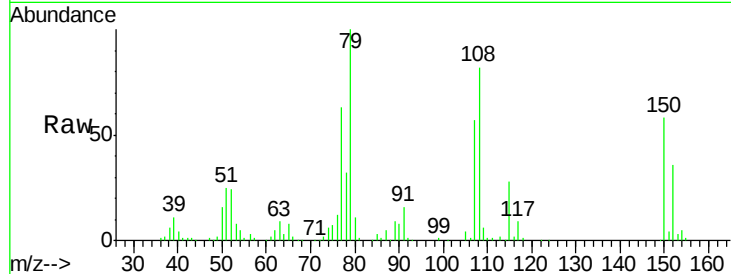
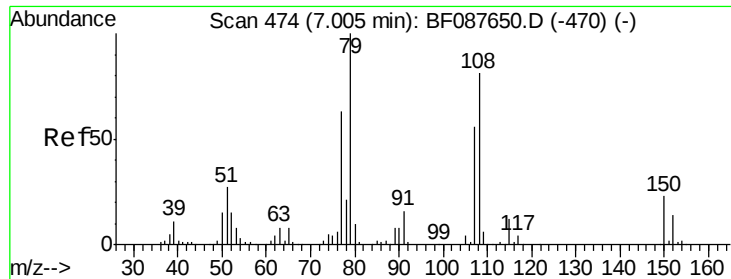
SOHIL
 6/6/2016 7:24:57 PM



#14
 1,2-Dichlorobenzene
 Concen: 33.54 ng
 RT: 7.04 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF087711.D
 Acq: 5 Jun 2016 16:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.3	78.5
111	35.8	28.7	43.1





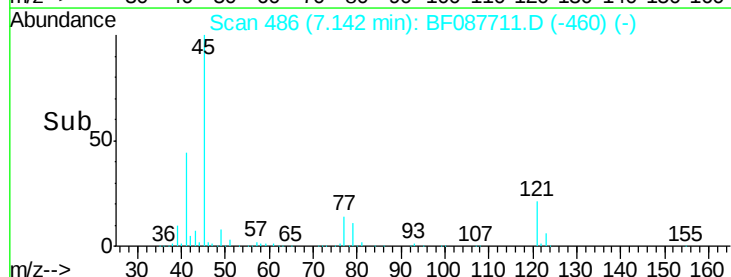
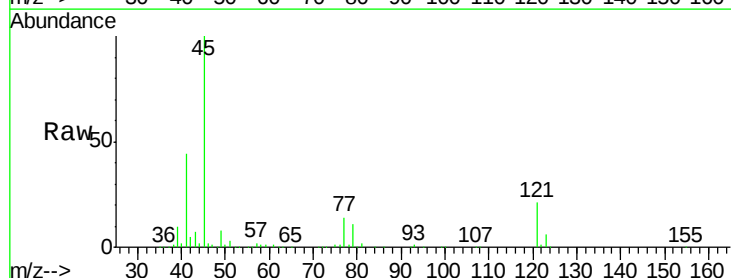
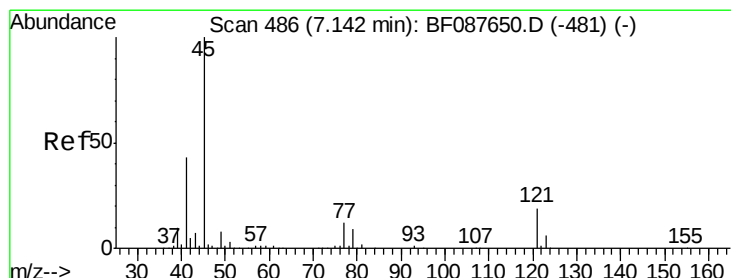
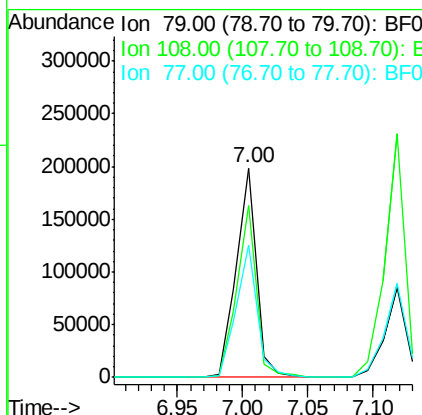
#15
Benzyl Alcohol
Concen: 25.04 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	82.2	65.0	97.6	
77	62.9	50.3	75.5	

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MS

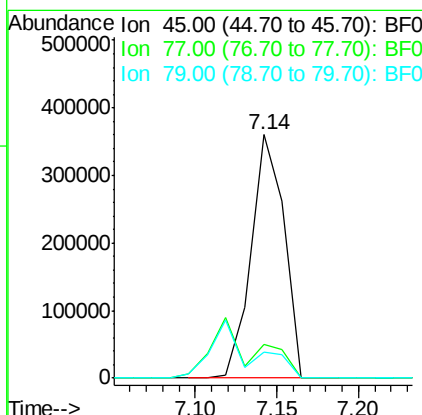
Manual Integrations
APPROVED

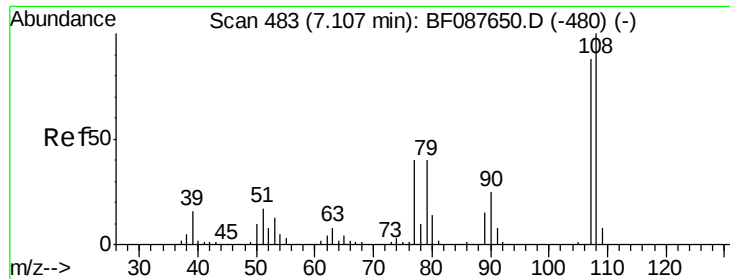
SOHIL
6/6/2016 7:24:57 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.92 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	13.8	0.0	32.5	
79	10.7	0.0	29.5	





#17

2-Methylphenol

Concen: 25.82 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.01 min

Lab File: BF087711.D

Acq: 5 Jun 2016 16:50

Instrument :

BNA_F

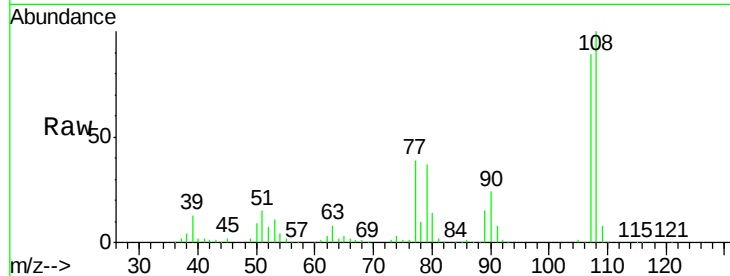
ClientSampleId :

SP16-JMW0991MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	220197		
108	112.2	90.9	136.3	
77	43.3	36.6	55.0	
79	41.7	36.5	54.7	

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:24:57 PM

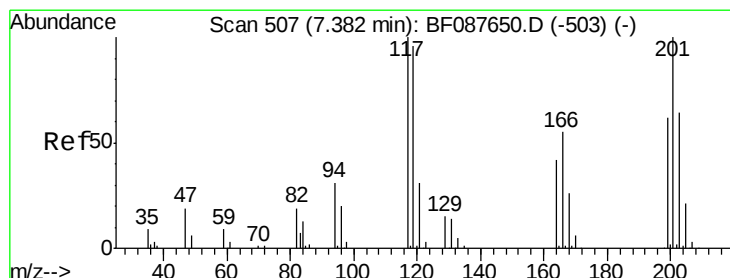
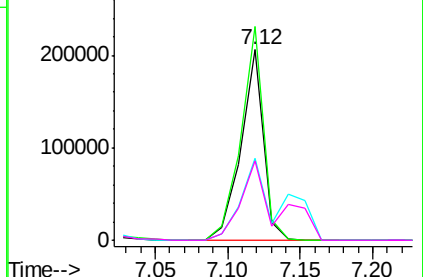
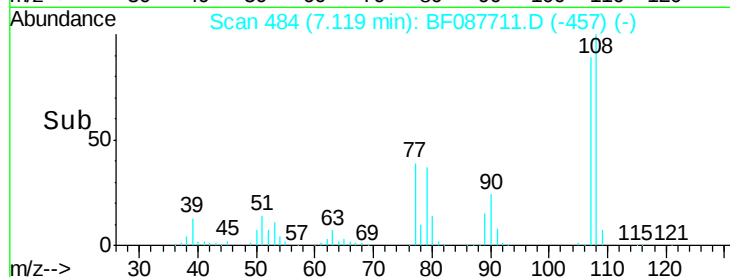


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 35.59 ng

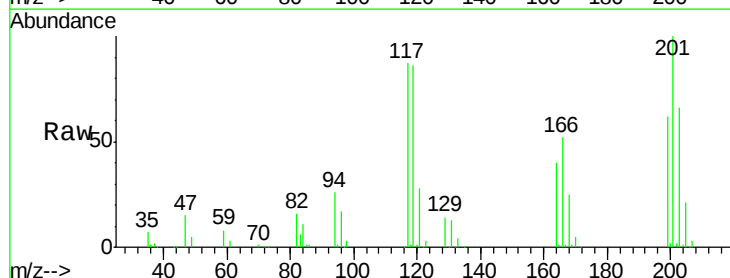
RT: 7.38 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF087711.D

Acq: 5 Jun 2016 16:50

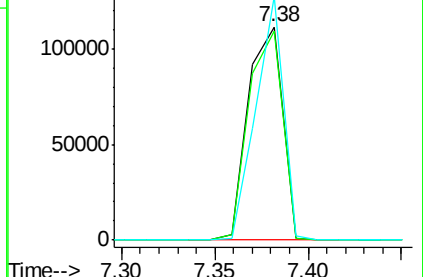
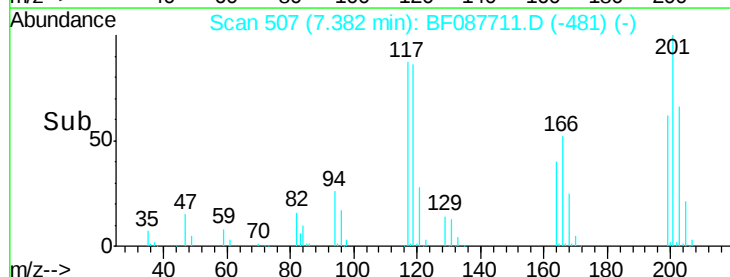
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	141998		
119	98.3	77.4	116.2	
201	114.4	80.4	120.6	

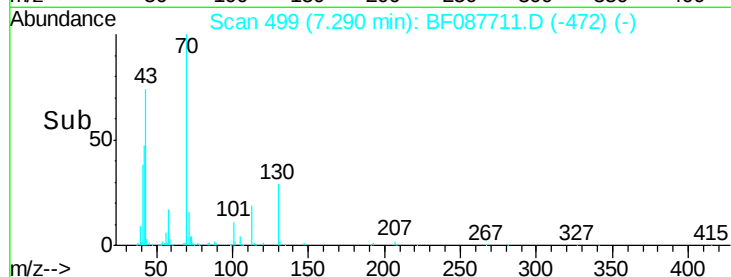
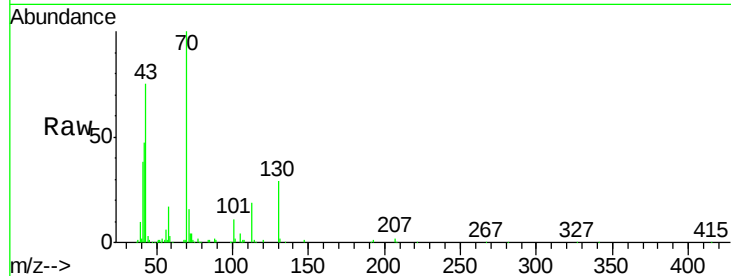
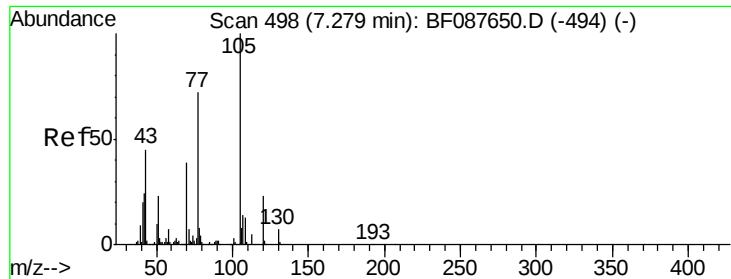


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





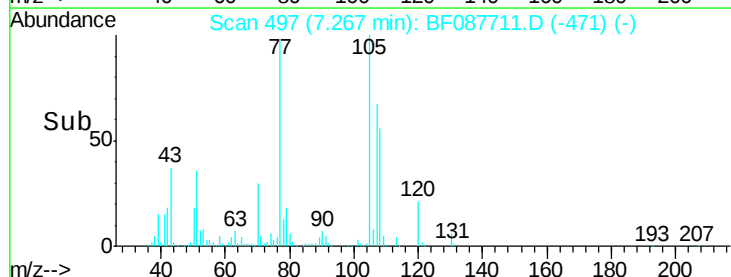
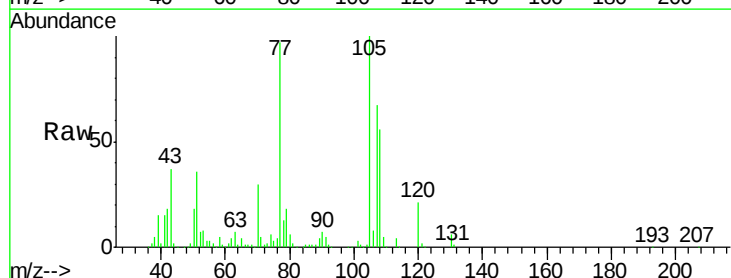
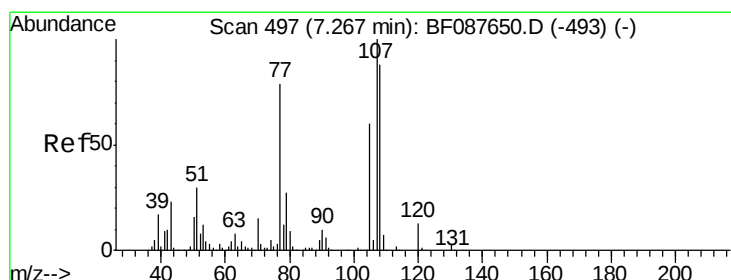
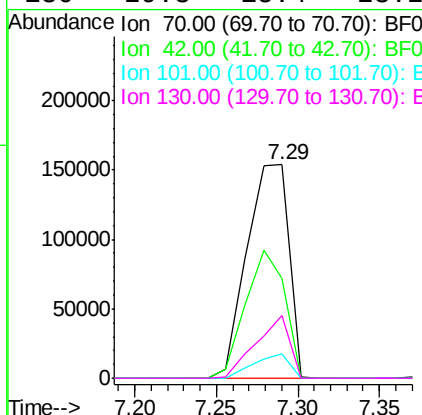
#19
n-Nitroso-di-n-propylamine
Concen: 37.99 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.01 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	46.8	49.6	74.4#		
101	11.1	7.1	10.7#		
130	29.3	15.4	23.2#		

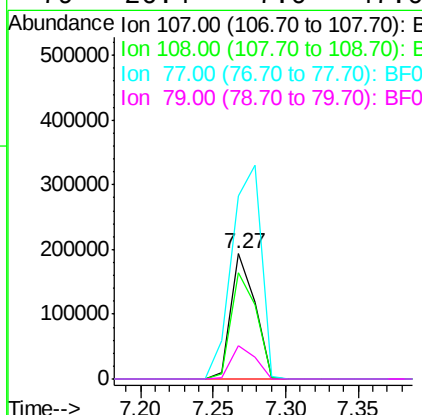
Manual Integrations
APPROVED

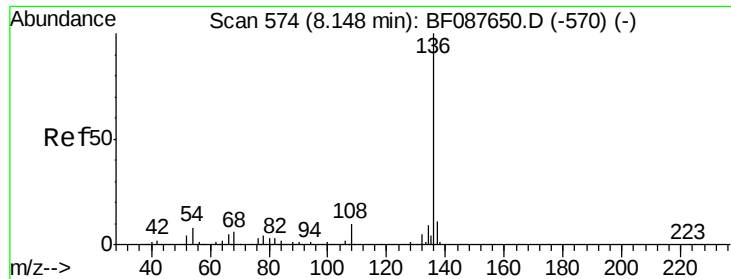
SOHIL
6/6/2016 7:24:57 PM



#20
3+4-Methylphenols
Concen: 21.30 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	84.3	67.8	107.8		
77	145.7	59.3	99.3#		
79	26.4	7.0	47.0		





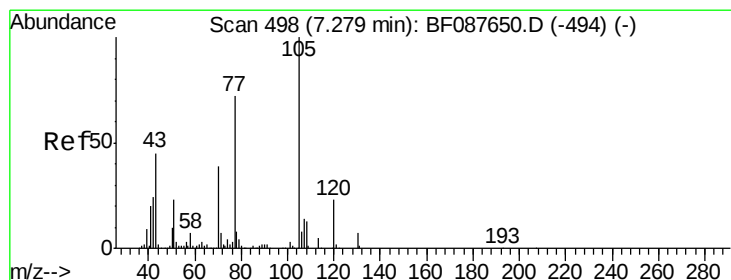
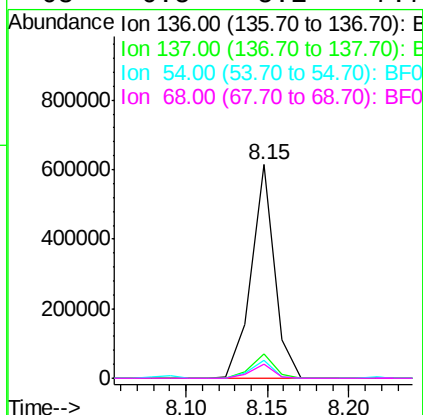
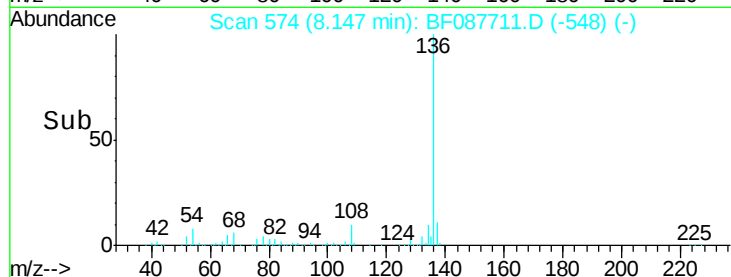
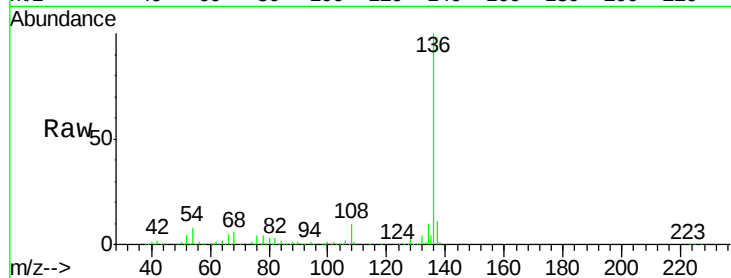
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.3	6.6	10.0
68	6.5	5.1	7.7

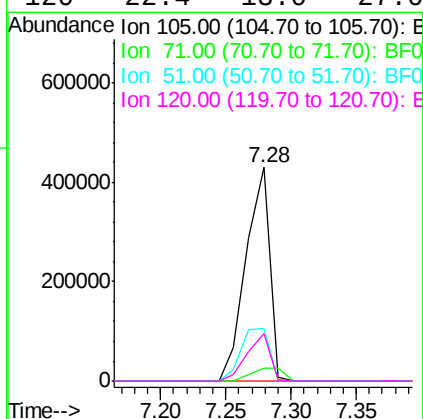
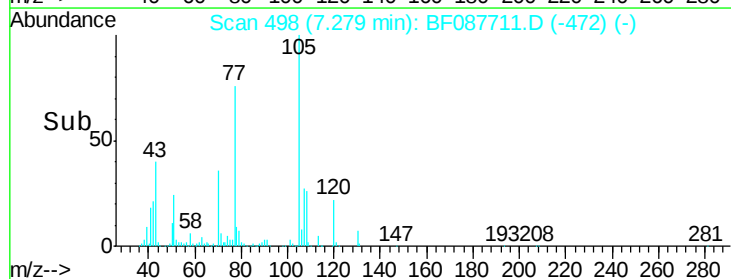
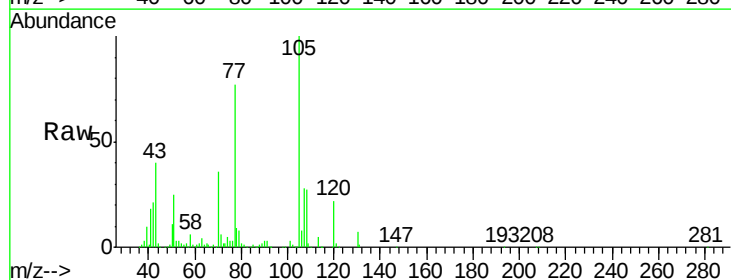
Manual Integrations
APPROVED

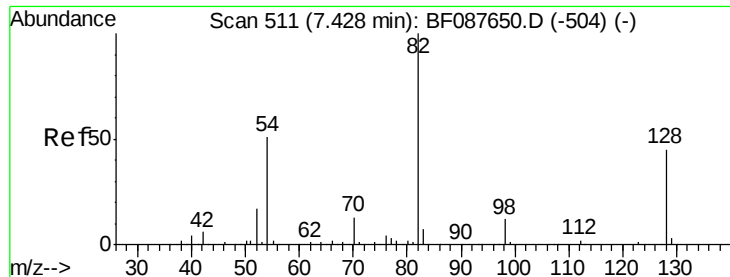
SOHIL
6/6/2016 7:24:57 PM



#22
Acetophenone
Concen: 39.70 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.0	5.3	7.9
51	24.7	18.2	27.4
120	22.4	18.0	27.0





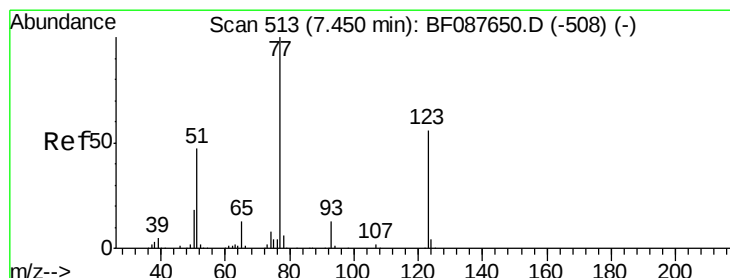
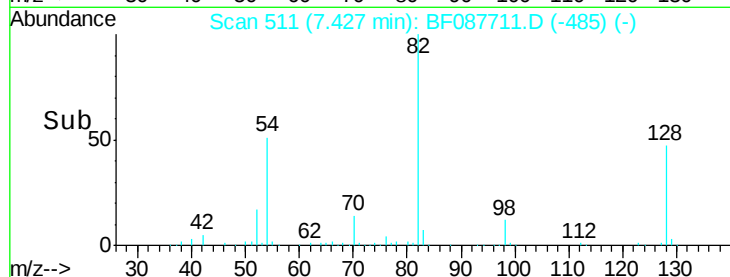
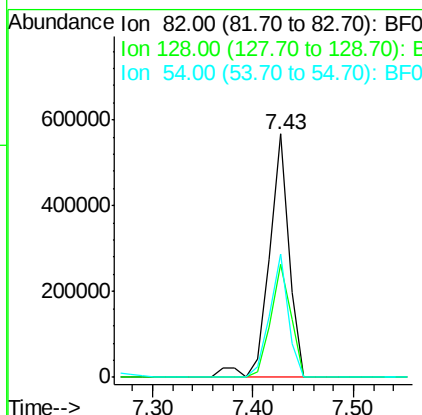
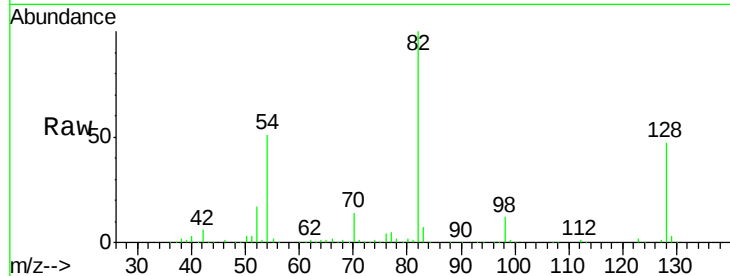
#23
Nitrobenzene-d5
Concen: 73.75 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	773116		
128	46.6		35.9	53.9
54	50.7		40.9	61.3

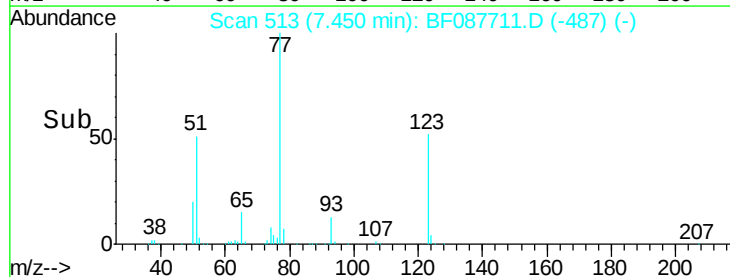
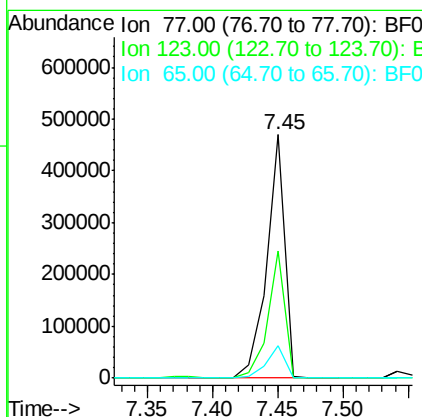
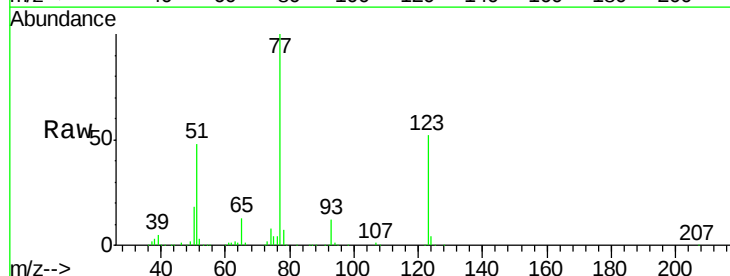
Manual Integrations
APPROVED

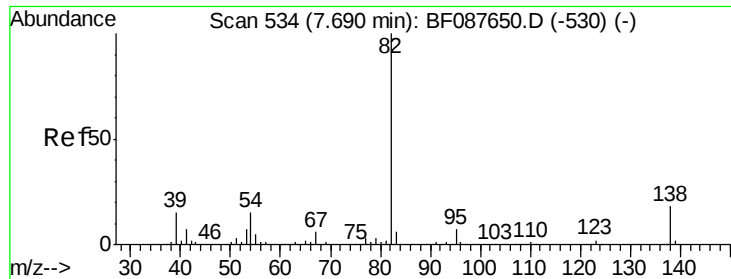
SOHIL
6/6/2016 7:24:57 PM



#24
Nitrobenzene
Concen: 43.04 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	451586		
123	52.4		45.0	67.4
65	13.3		10.2	15.2





#25

Isophorone

Concen: 38.72 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF087711.D

Acq: 5 Jun 2016 16:50

Instrument :

BNA_F

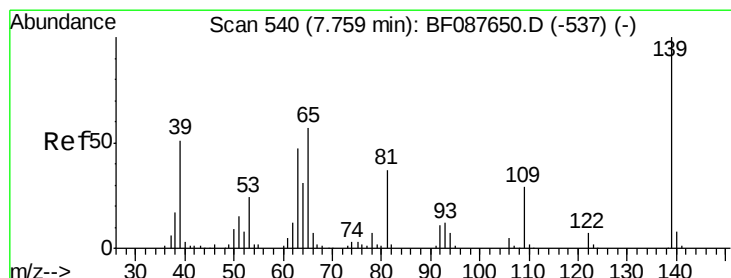
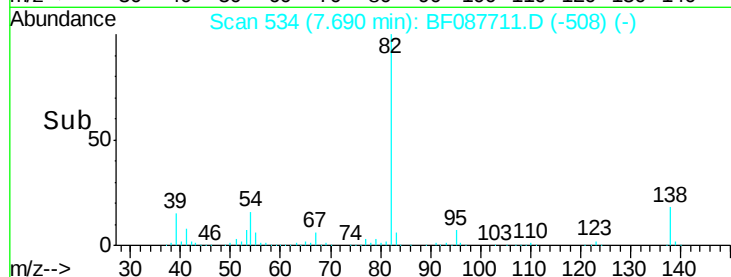
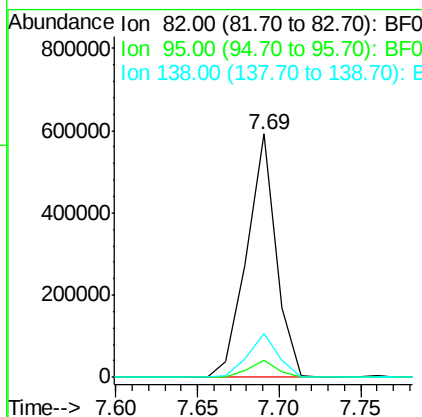
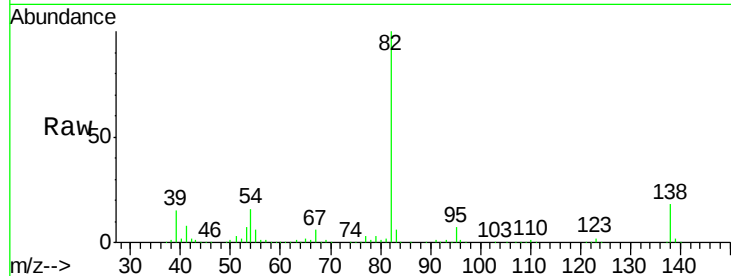
ClientSampleId :

SP16-JMW0991MS

Tot Ion:	82	Resp:	739059
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.4	8.2
138	18.1	14.6	21.8

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:24:57 PM



#26

2-Nitrophenol

Concen: 39.57 ng

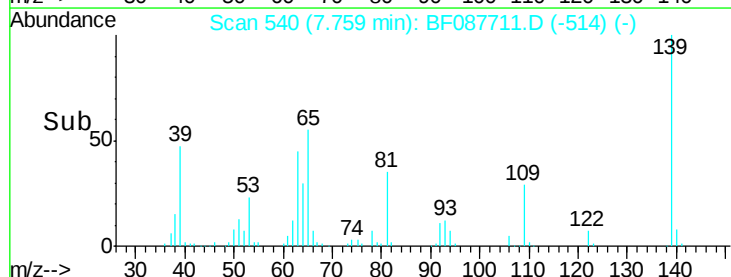
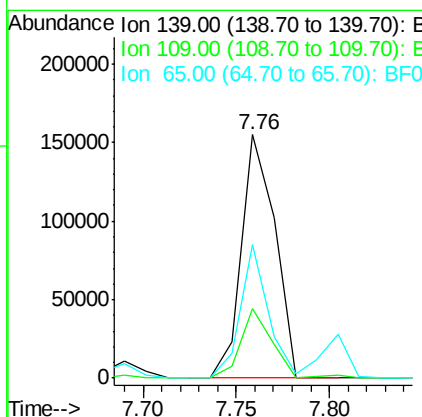
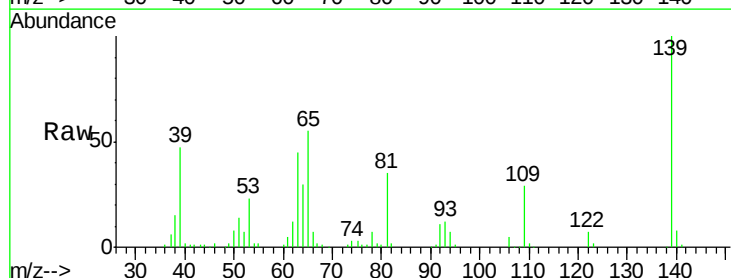
RT: 7.76 min Scan# 540

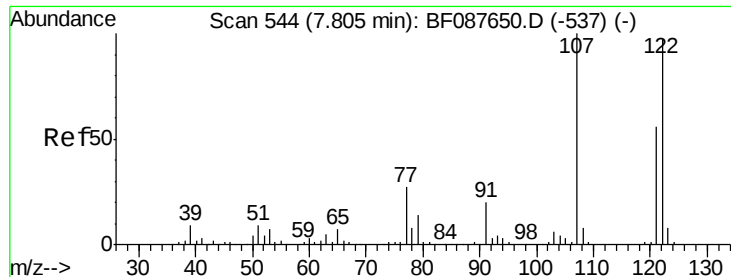
Delta R.T. -0.00 min

Lab File: BF087711.D

Acq: 5 Jun 2016 16:50

Tgt Ion:	139	Resp:	192917
Ion Ratio		Lower	Upper
139	100		
109	28.8	23.0	34.4
65	54.8	45.8	68.8





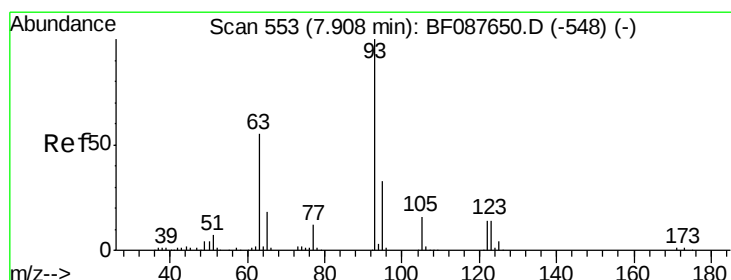
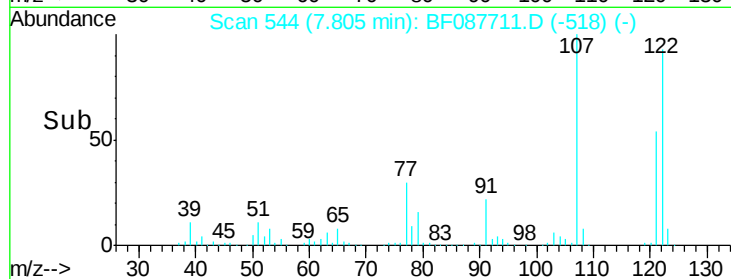
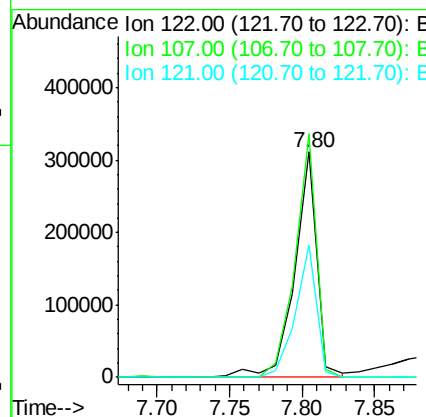
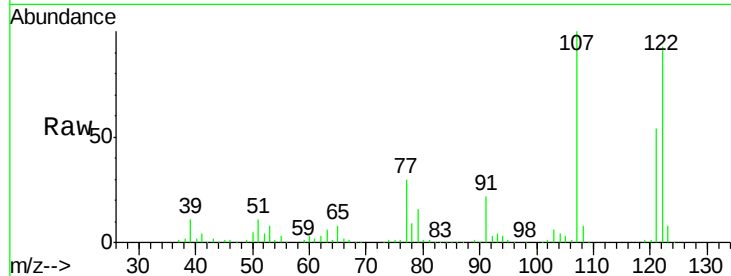
#27
 2,4-Dimethylphenol
 Concen: 32.68 ng
 RT: 7.80 min Scan# 544
 Delta R.T. -0.00 min
 Lab File: BF087711.D
 Acq: 5 Jun 2016 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	330157		
107	108.0	82.4	123.6	
121	58.4	46.3	69.5	

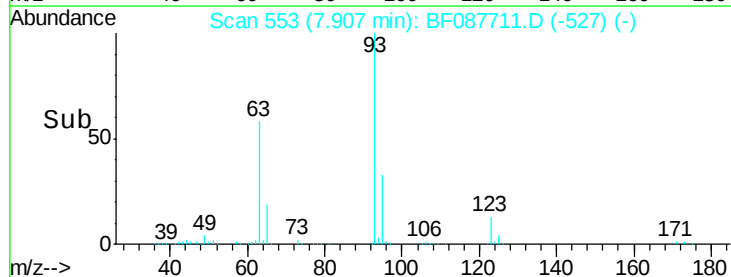
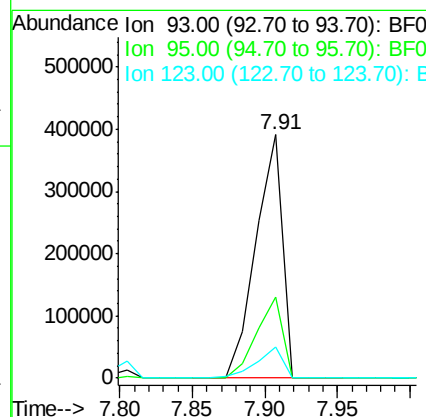
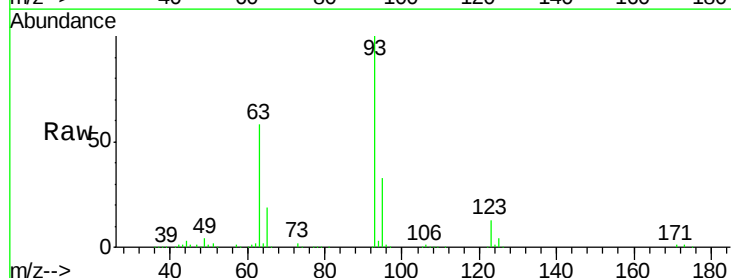
Manual Integrations
 APPROVED

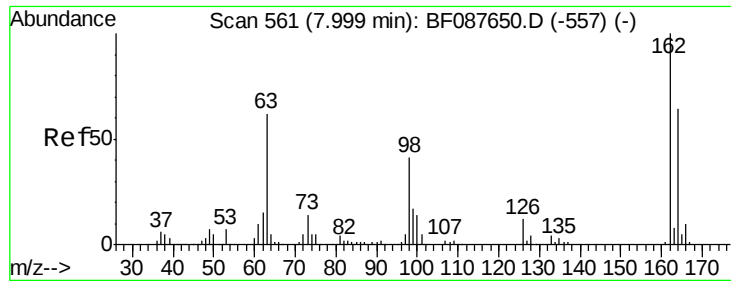
SOHIL
 6/6/2016 7:24:57 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.95 ng
 RT: 7.91 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: BF087711.D
 Acq: 5 Jun 2016 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	495761		
95	33.1	26.5	39.7	
123	12.6	11.6	17.4	





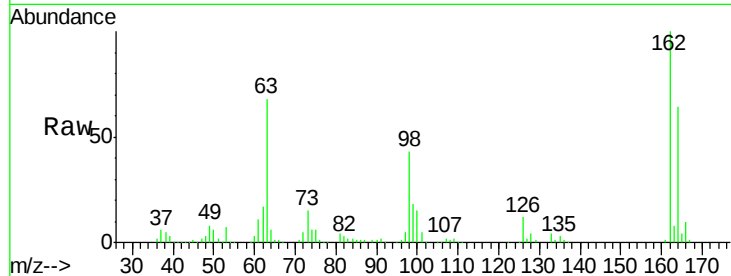
#29
2,4-Dichlorophenol
Concen: 36.46 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MS

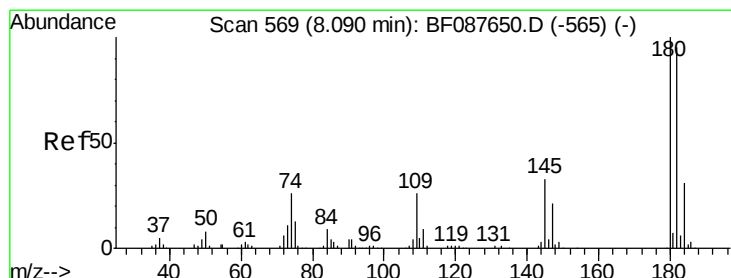
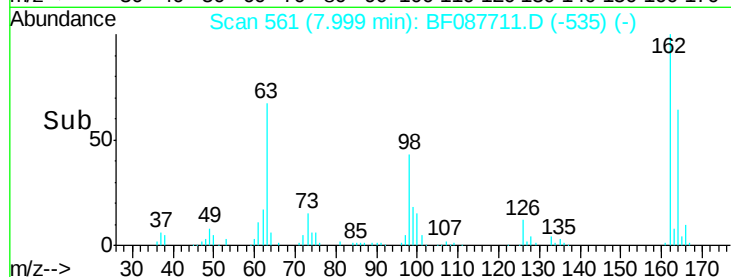
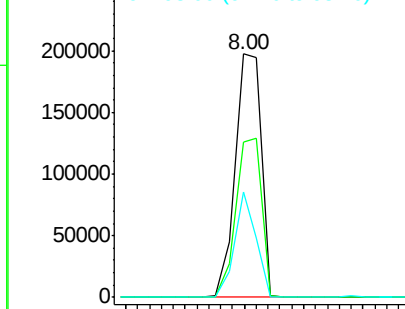
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.7	43.8	83.8
98	43.3	21.3	61.3

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:24:57 PM

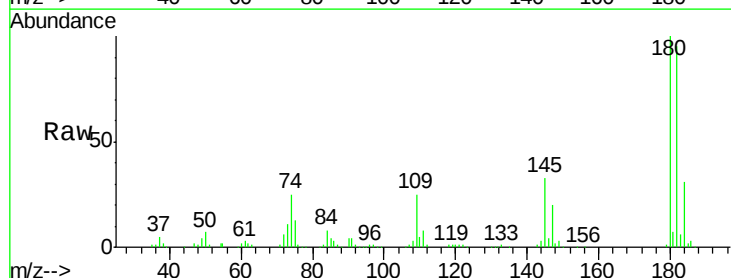


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

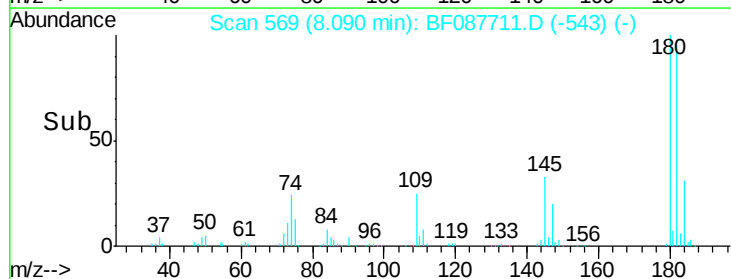
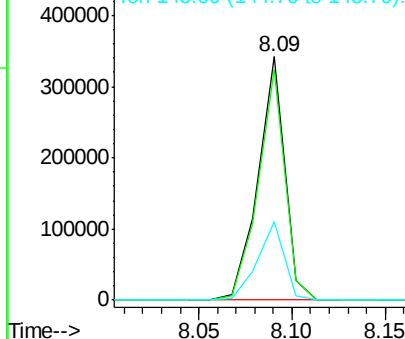


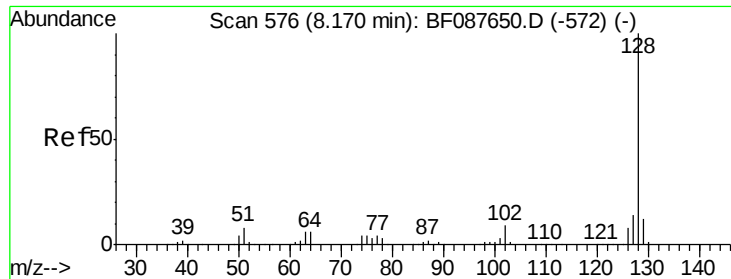
#30
1,2,4-Trichlorobenzene
Concen: 38.72 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.1	76.0	114.0
145	32.5	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





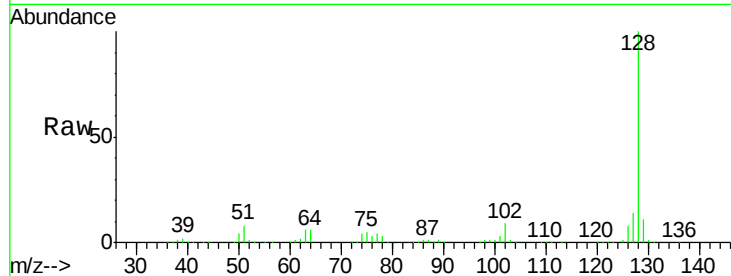
#31
Naphthalene
Concen: 37.40 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.2
127	13.6	10.9	16.3

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:24:57 PM

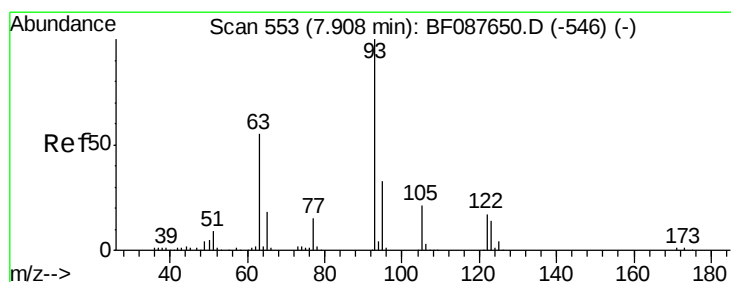
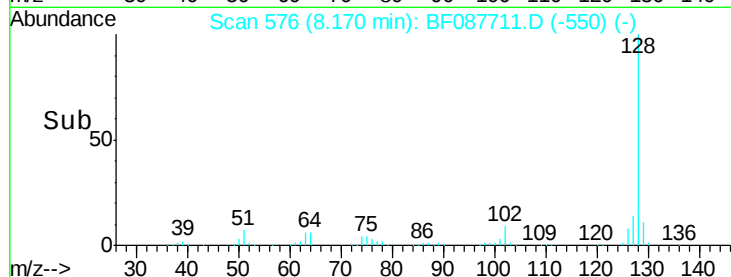
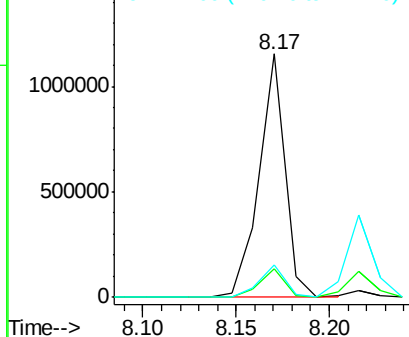


Abundance

Ion 128.00 (127.70 to 128.70): E

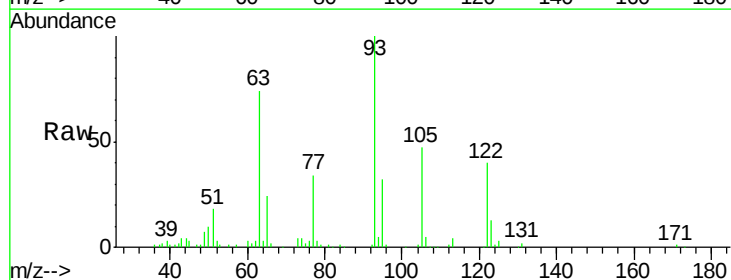
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 10.99 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.2	101.6	141.6
77	86.8	70.6	110.6

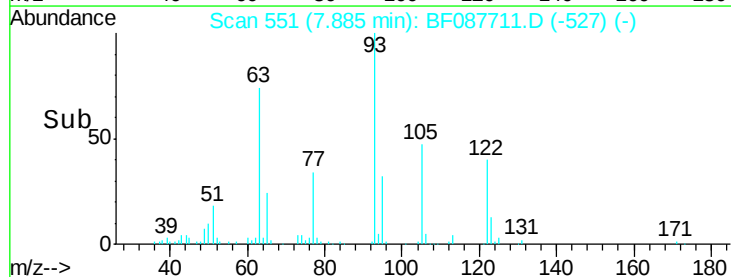
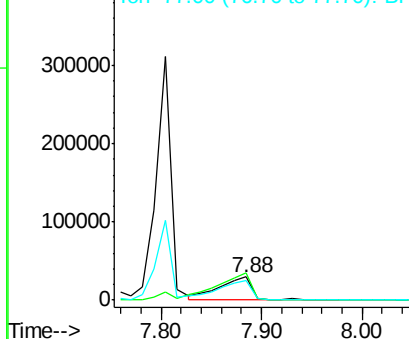


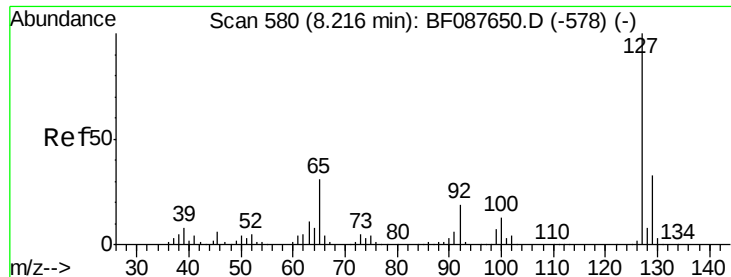
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





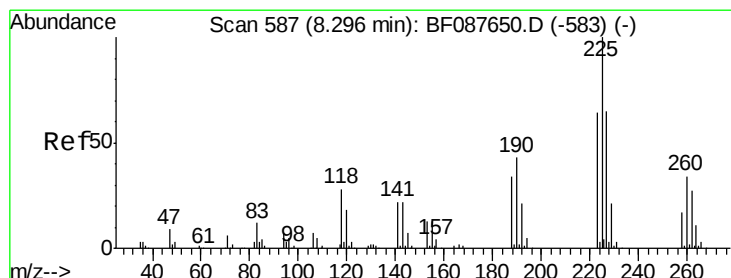
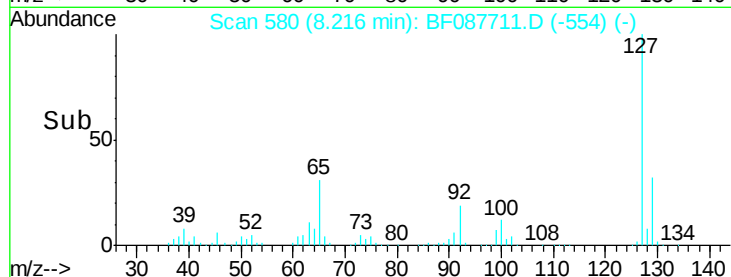
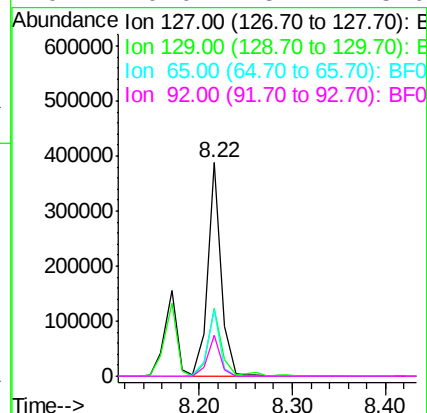
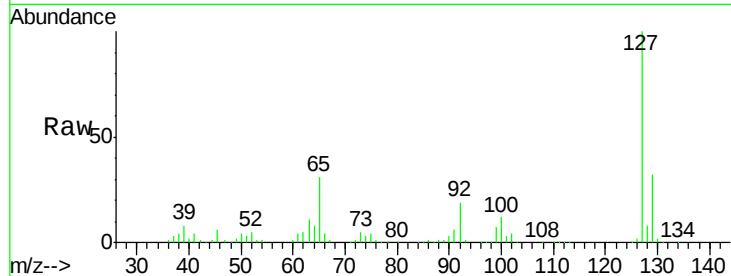
#33
4-Chloroaniline
Concen: 30.34 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	26.3	39.5		
65	31.0	24.7	37.1		
92	19.0	15.4	23.0		

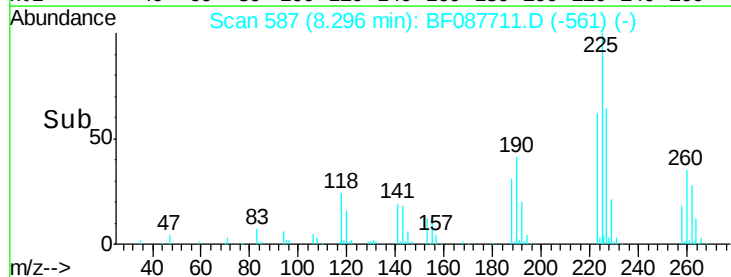
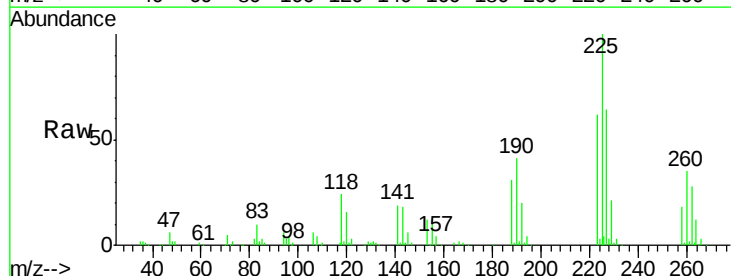
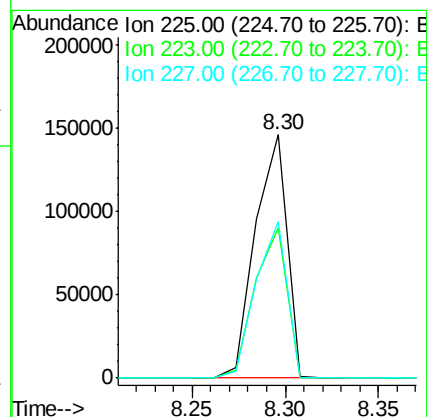
Manual Integrations
APPROVED

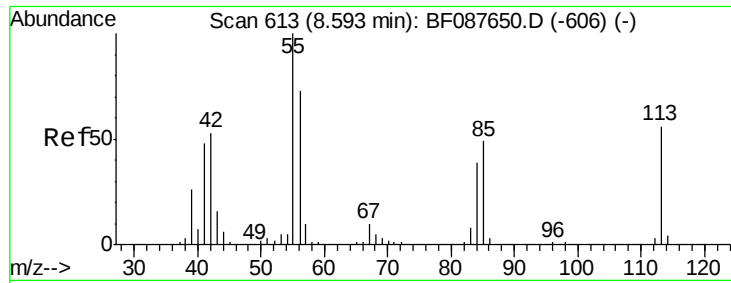
SOHIL
6/6/2016 7:24:57 PM



#34
Hexachlorobutadiene
Concen: 37.83 ng
RT: 8.30 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7	50.9	76.3		
227	64.1	51.9	77.9		





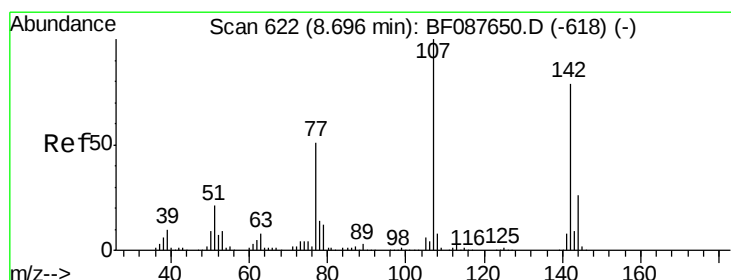
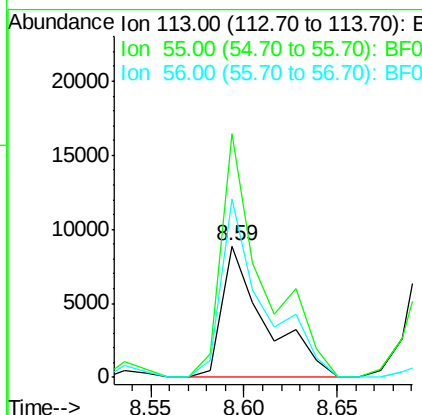
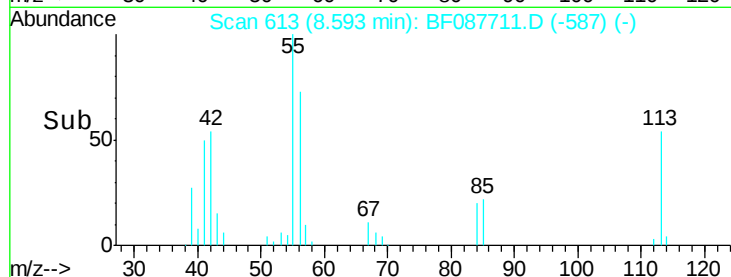
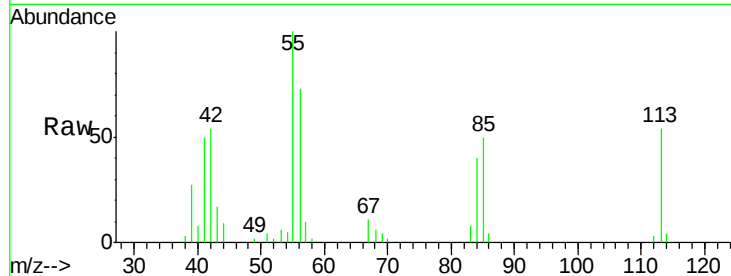
#35
Caprolactam
Concen: 5.32 ng
RT: 8.59 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	185.0	158.6	198.6
56	135.8	110.6	150.6

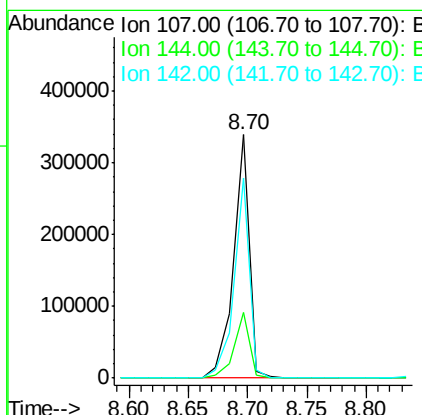
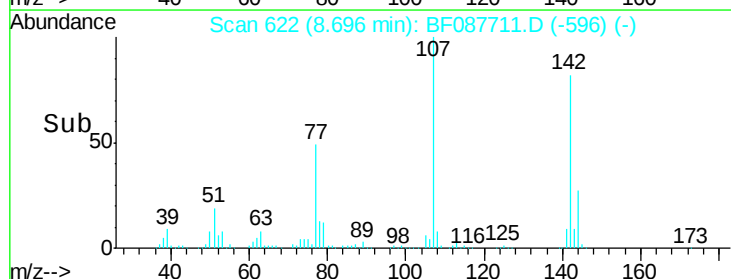
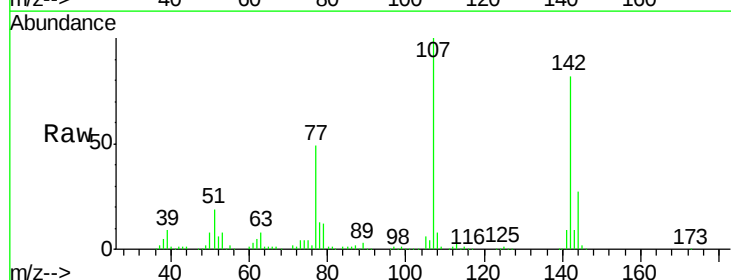
Manual Integrations
APPROVED

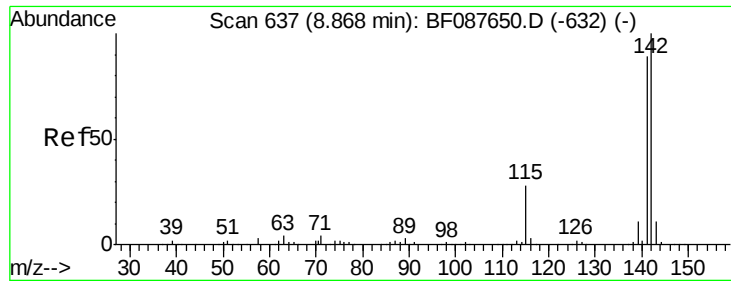
SOHIL
6/6/2016 7:24:57 PM



#36
4-Chloro-3-methylphenol
Concen: 36.48 ng
RT: 8.70 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	20.8	31.2
142	82.2	63.4	95.2





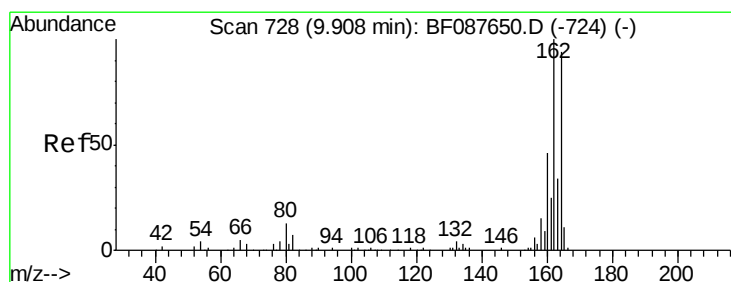
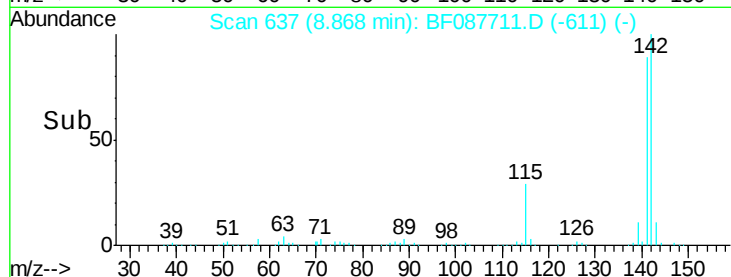
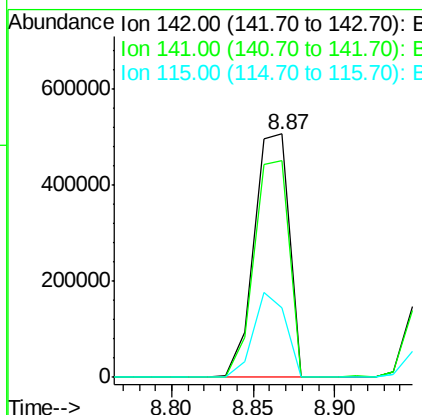
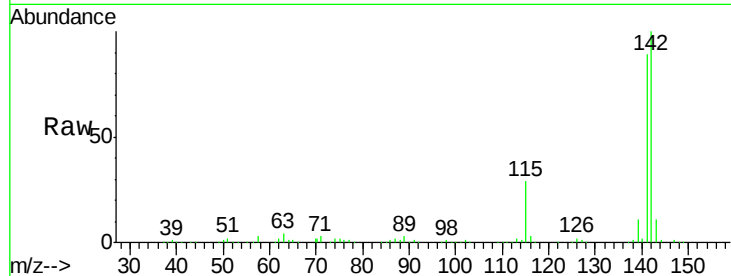
#37
2-Methylnaphthalene
Concen: 38.76 ng
RT: 8.87 min Scan# 637
Delta R.T. -0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.6
115	28.6	22.6	33.8

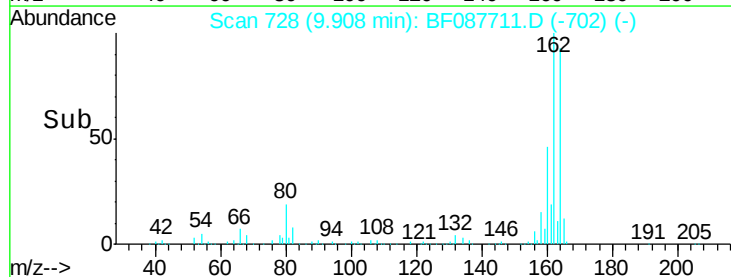
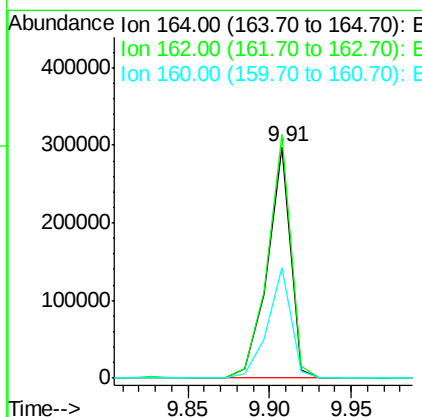
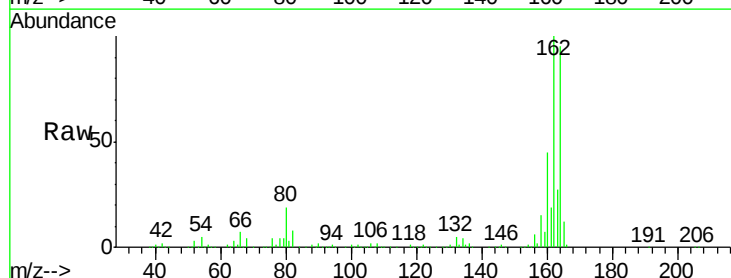
Manual Integrations
APPROVED

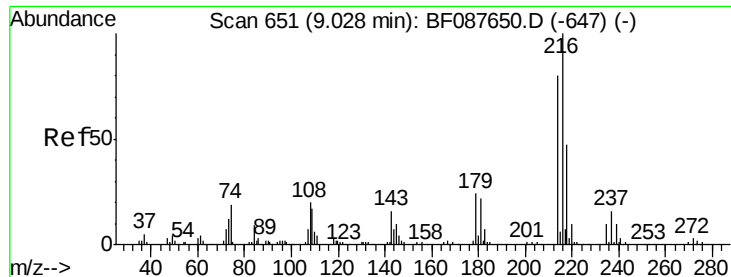
SOHIL
6/6/2016 7:24:57 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	85.4	128.2
160	47.9	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.89 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF087711.D

Acq: 5 Jun 2016 16:50

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MS

Tot Ion:216 Resp: 282315
Ion Ratio Lower Upper

216 100

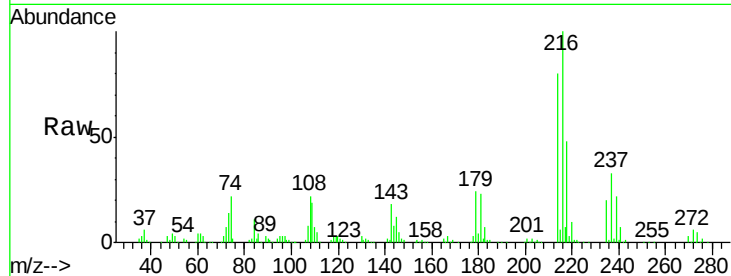
214 79.8 2.9 4.3#

179 23.2 0.0 0.0#

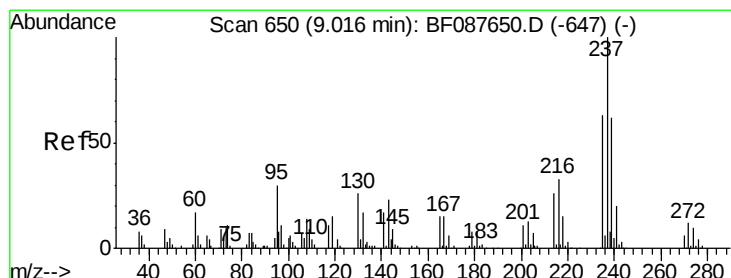
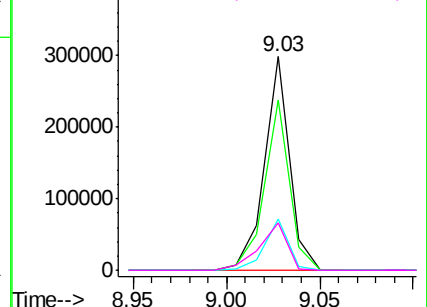
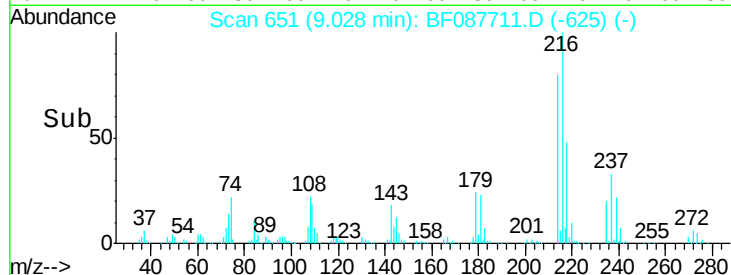
108 24.8 0.5 0.7#

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:24:57 PM



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



#40

Hexachlorocyclopentadiene

Concen: 62.31 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF087711.D

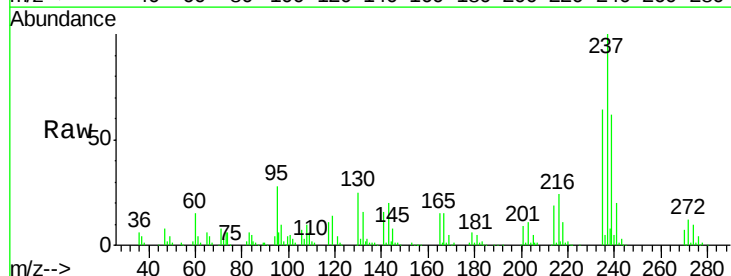
Acq: 5 Jun 2016 16:50

Tgt Ion:237 Resp: 296550
Ion Ratio Lower Upper

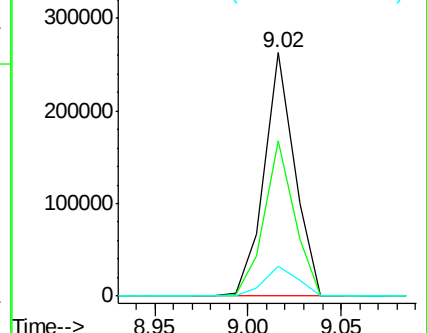
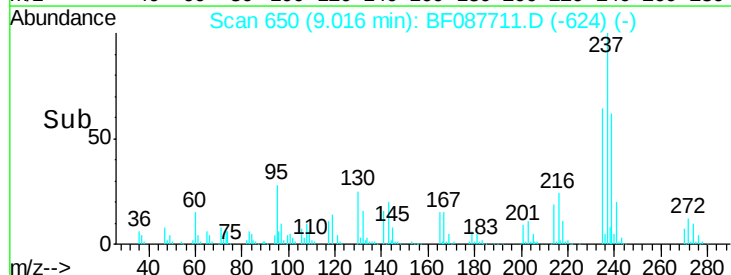
237 100

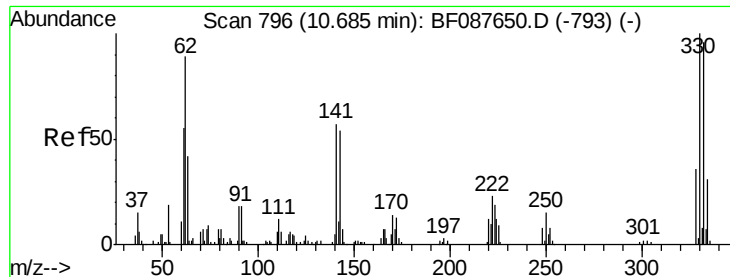
235 63.7 43.4 83.4

272 12.5 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





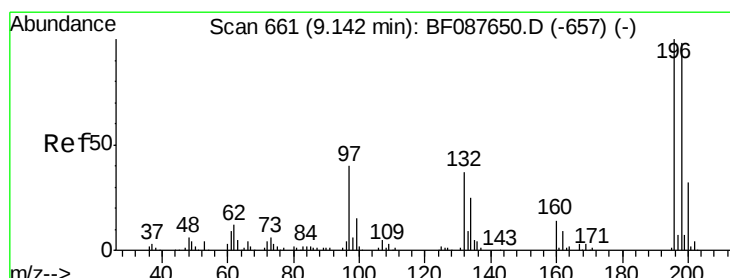
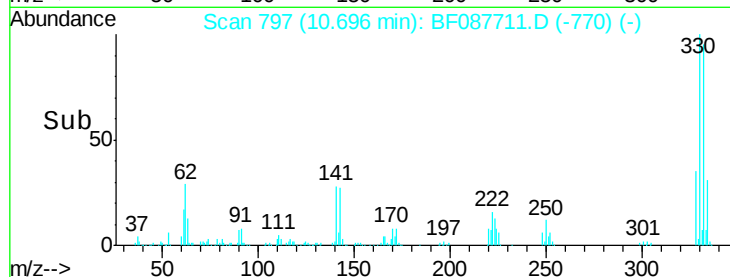
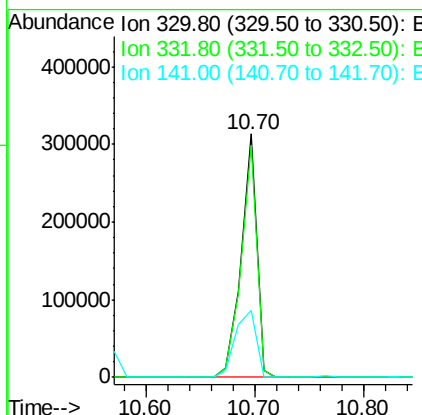
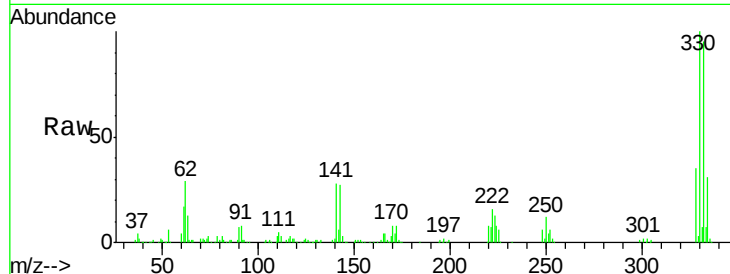
#41
 2,4,6-Tribromophenol
 Concen: 104.49 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF087711.D
 Acq: 5 Jun 2016 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	37.1	0.0	0.0#

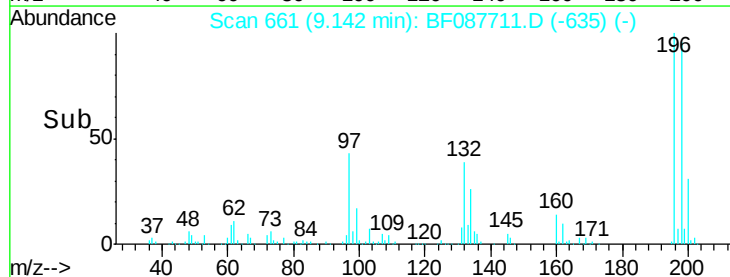
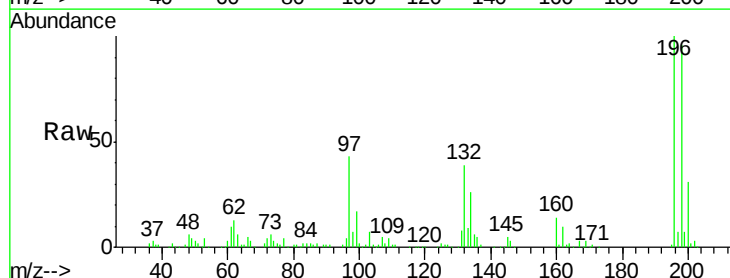
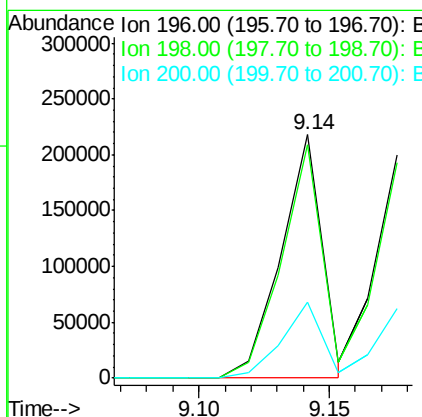
Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:24:57 PM



#42
 2,4,6-Trichlorophenol
 Concen: 38.91 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF087711.D
 Acq: 5 Jun 2016 16:50

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	95.6	78.0	117.0
200	31.5	25.4	38.2





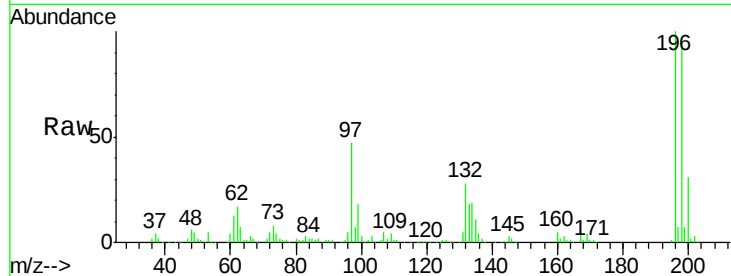
#43
 2,4,5-Trichlorophenol
 Concen: 39.02 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF087711.D
 Acq: 5 Jun 2016 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		221879		
198	96.9	77.5	116.3		
97	47.4	32.0	48.0		
132	28.4	20.9	31.3		

Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:24:57 PM



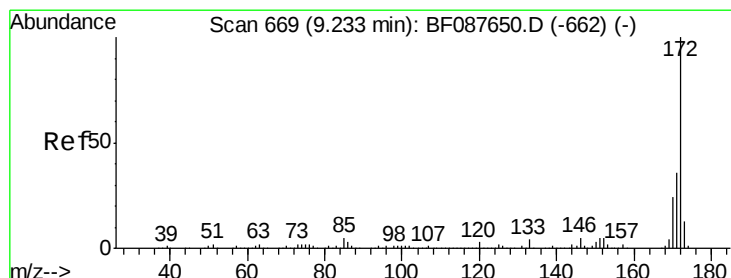
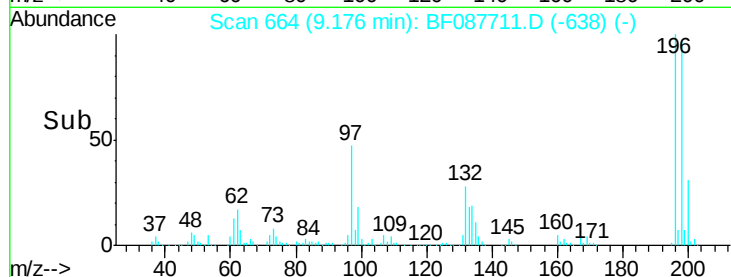
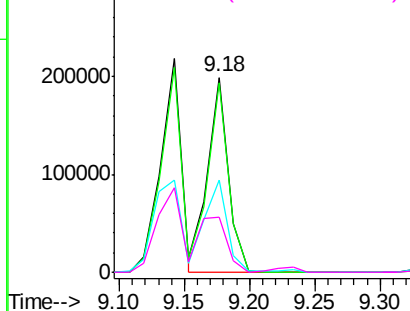
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

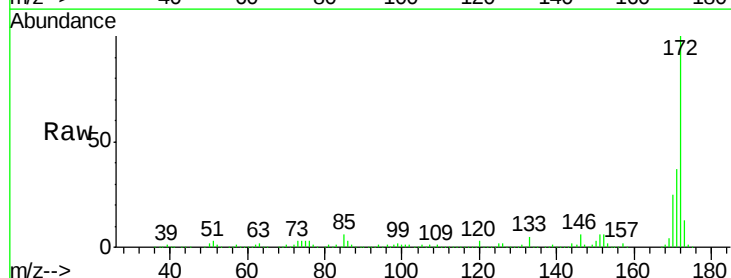
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.23 ng
 RT: 9.23 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF087711.D
 Acq: 5 Jun 2016 16:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1433928		
171	36.6	28.6	43.0		
170	24.7	19.2	28.8		

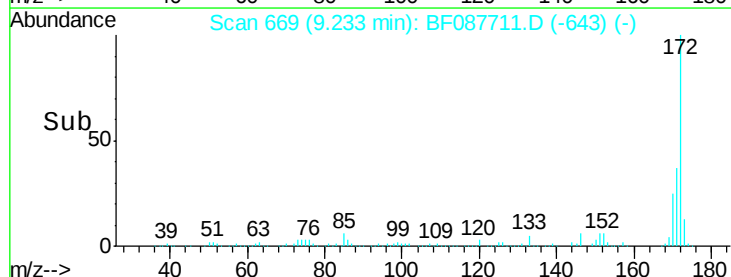
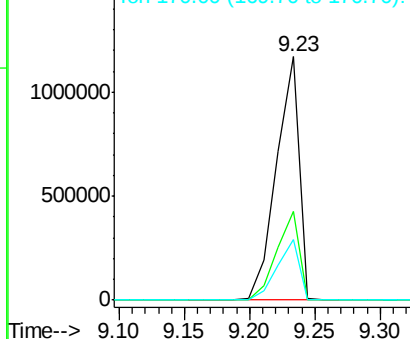


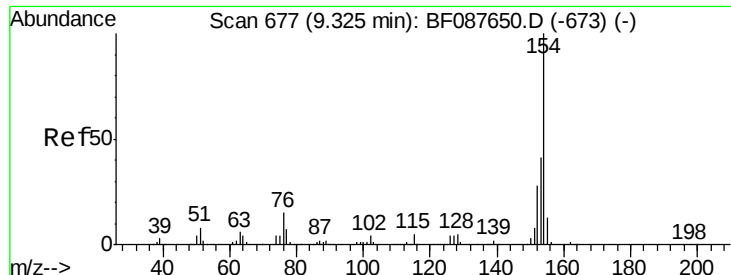
Abundance

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: 34.83 ng

RT: 9.32 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF087711.D

Acq: 5 Jun 2016 16:50

Instrument :

BNA_F

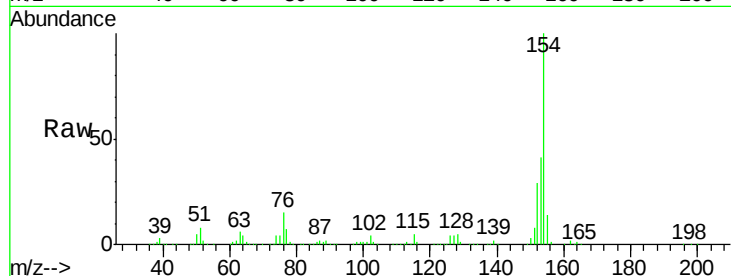
ClientSampleId :

SP16-JMW0991MS

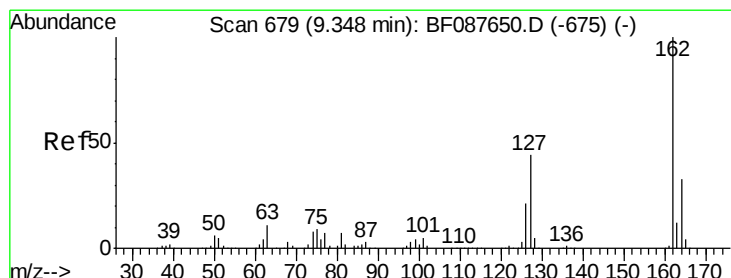
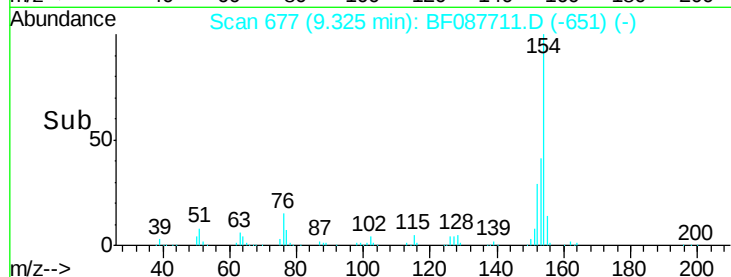
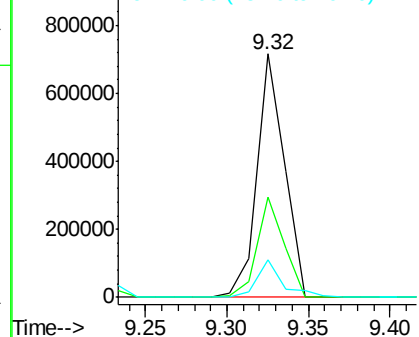
Tot Ion:	154	Resp:	829793
Ion Ratio	Lower	Upper	
154	100		
153	41.2	20.6	60.6
76	15.3	0.0	35.1

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:24:57 PM



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: 35.38 ng

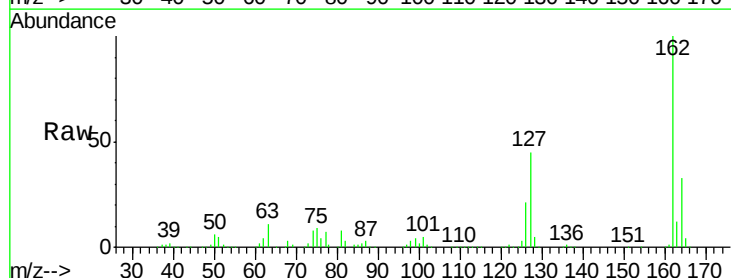
RT: 9.35 min Scan# 679

Delta R.T. -0.00 min

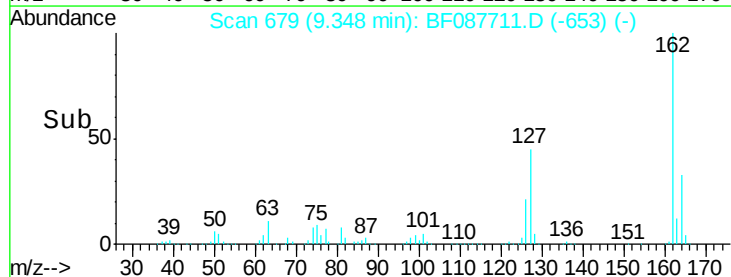
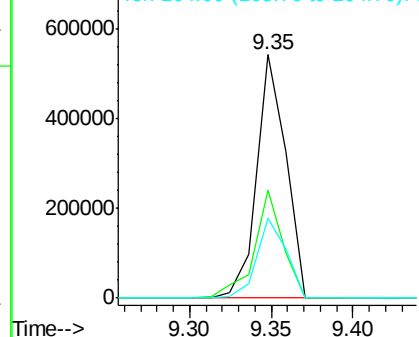
Lab File: BF087711.D

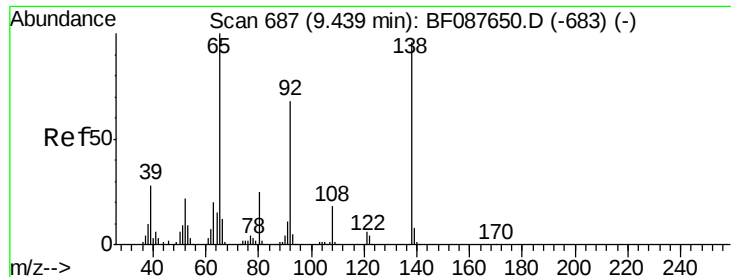
Acq: 5 Jun 2016 16:50

Tgt Ion:	162	Resp:	670974
Ion Ratio	Lower	Upper	
162	100		
127	44.5	35.2	52.8
164	32.8	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: 44.01 ng

RT: 9.45 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF087711.D

Acq: 5 Jun 2016 16:50

Instrument :

BNA_F

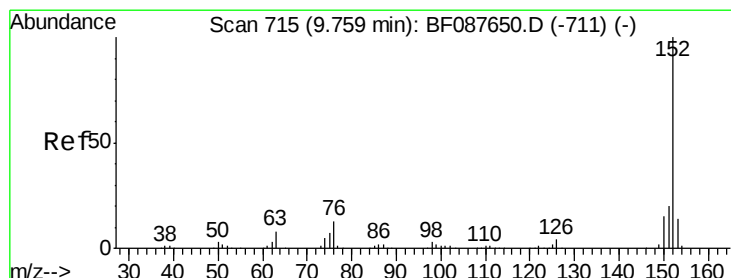
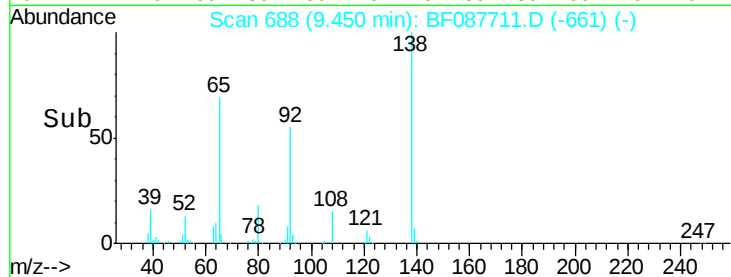
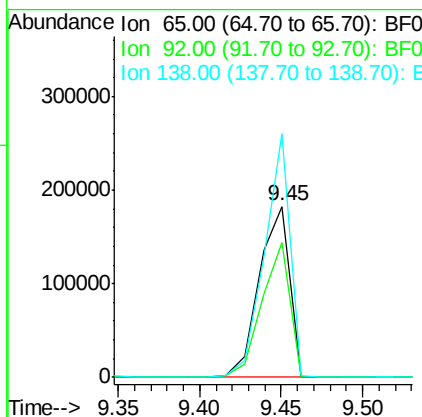
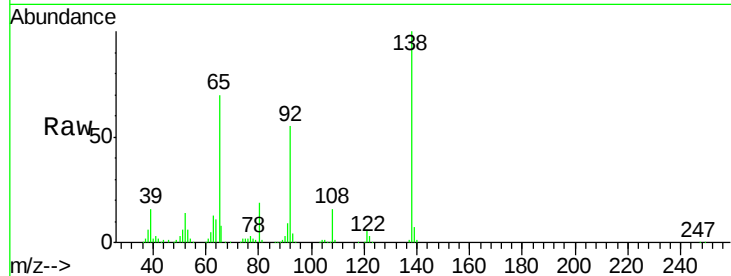
ClientSampleId :

SP16-JMW0991MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	78.6	54.6	82.0
138	142.6	77.0	115.4

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:24:57 PM



#48

Acenaphthylene

Concen: 39.92 ng

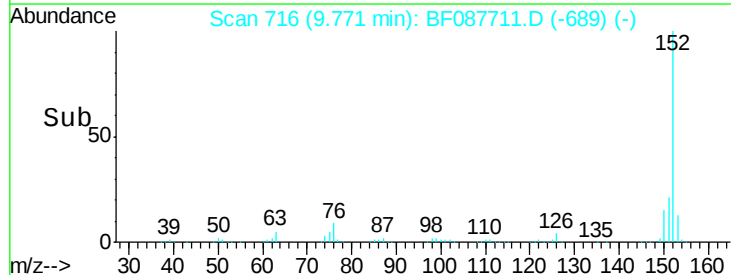
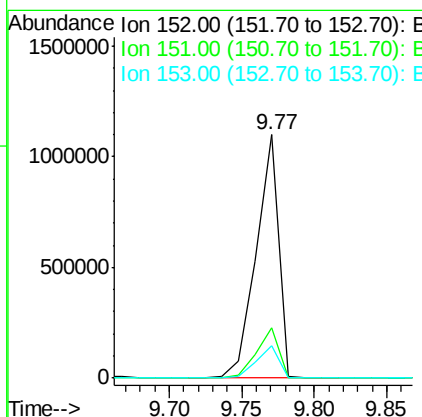
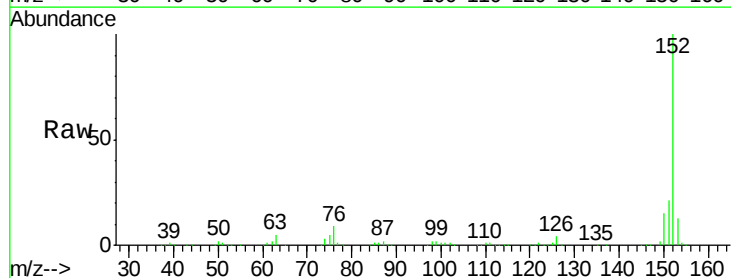
RT: 9.77 min Scan# 716

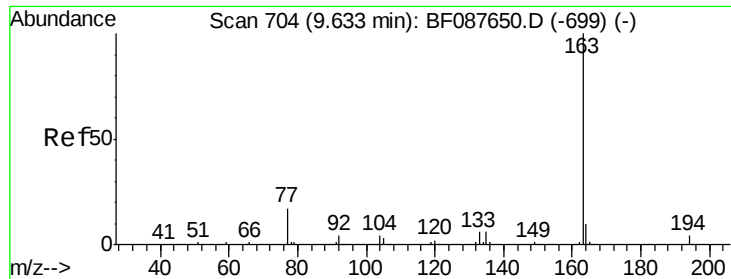
Delta R.T. 0.01 min

Lab File: BF087711.D

Acq: 5 Jun 2016 16:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.4
153	13.4	11.0	16.6





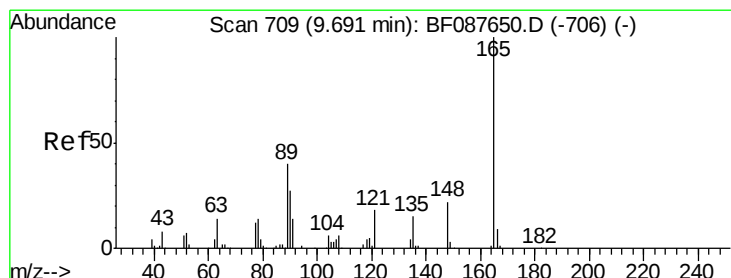
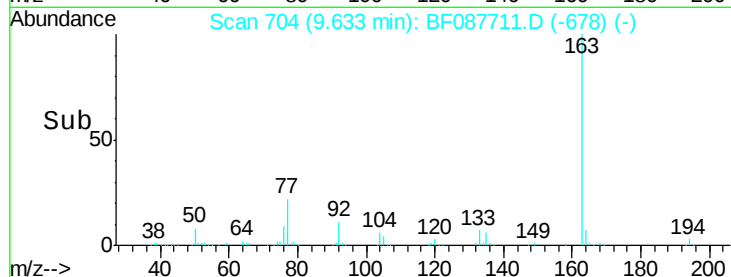
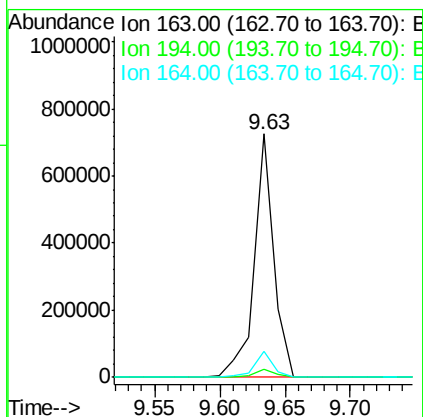
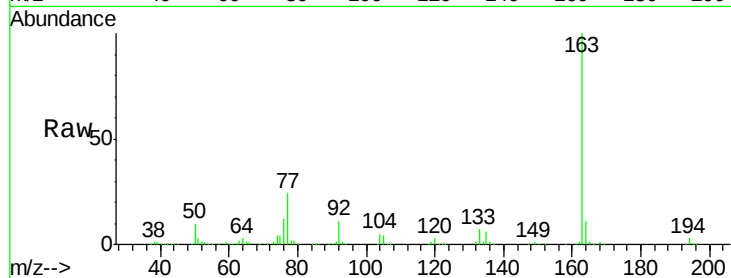
#49
Dimethylphthalate
Concen: 35.51 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	757788		
194	3.3		2.8	4.2
164	10.9		8.3	12.5

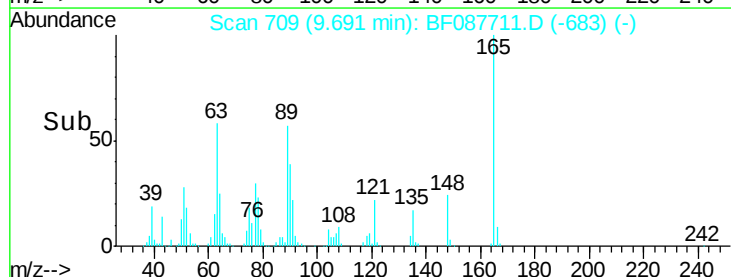
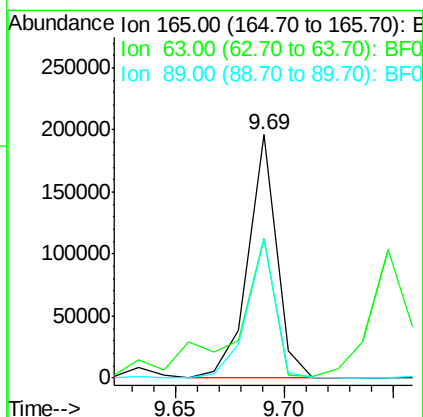
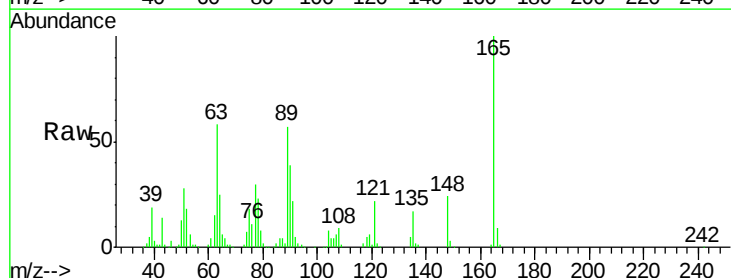
Manual Integrations
APPROVED

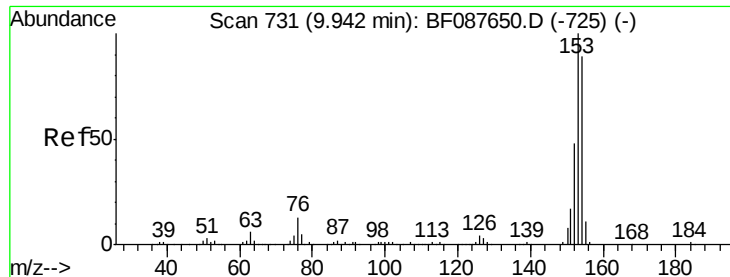
SOHIL
6/6/2016 7:24:57 PM



#50
2,6-Dinitrotoluene
Concen: 37.05 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	179904		
63	57.7		28.1	42.1#
89	57.0		32.2	48.2#





#51

Acenaphthene

Concen: 42.03 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF087711.D

Acq: 5 Jun 2016 16:50

Instrument :

BNA_F

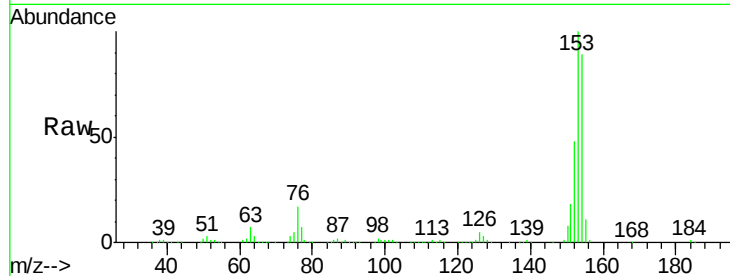
ClientSampleId :

SP16-JMW0991MS

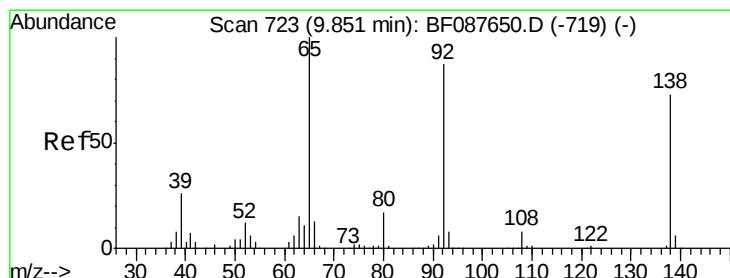
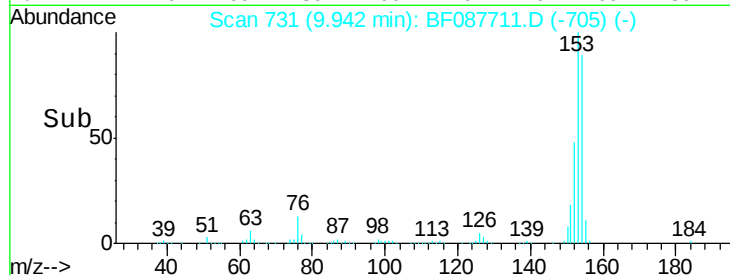
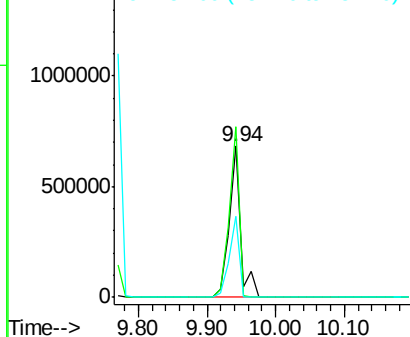
Tot Ion:	154	Resp:	799787
Ion Ratio	Lower	Upper	
154	100		
153	112.8	89.5	134.3
152	54.1	42.7	64.1

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:24:57 PM



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



#52

3-Nitroaniline

Concen: 37.96 ng

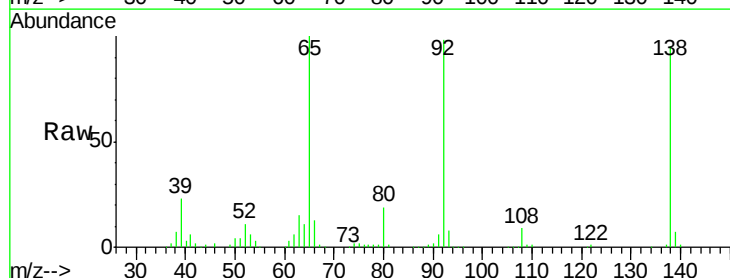
RT: 9.86 min Scan# 724

Delta R.T. 0.01 min

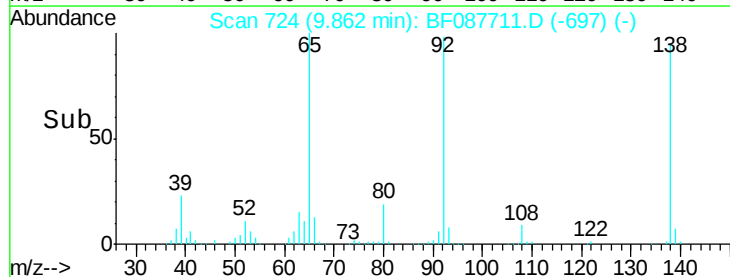
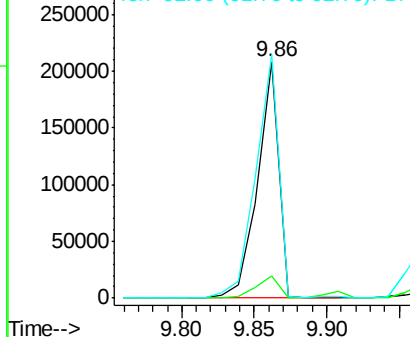
Lab File: BF087711.D

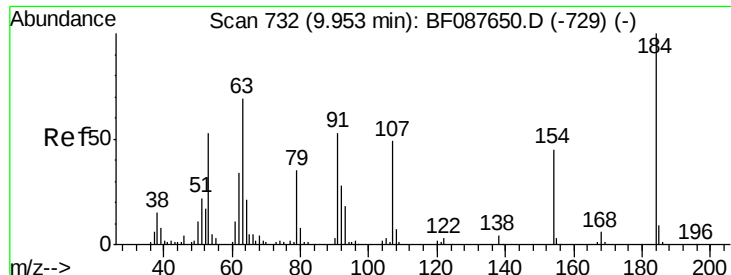
Acq: 5 Jun 2016 16:50

Tgt Ion:	138	Resp:	210813
Ion Ratio	Lower	Upper	
138	100		
108	9.6	8.5	12.7
92	102.9	95.7	143.5



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





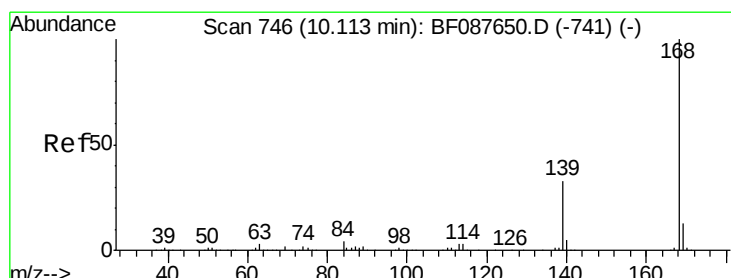
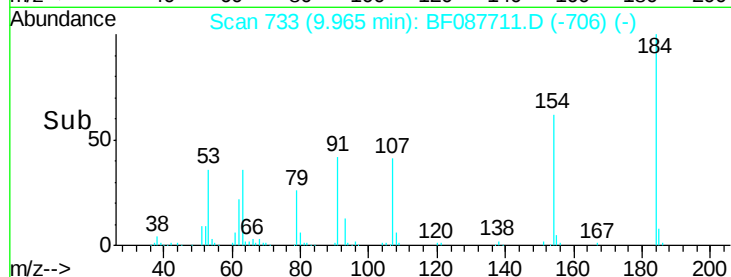
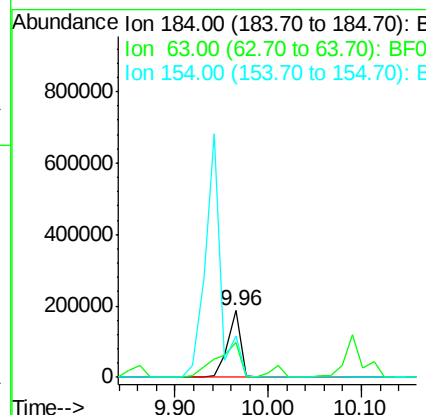
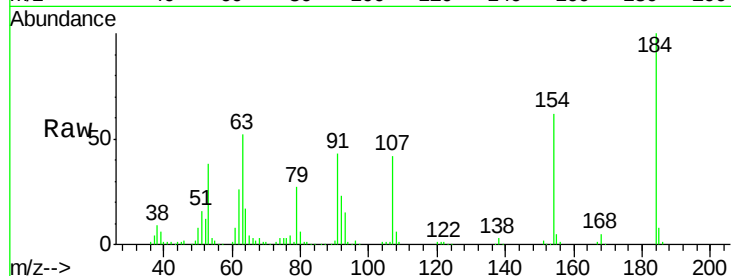
#53
2,4-Dinitrophenol
Concen: 81.50 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	52.0	57.6	86.4#
154	61.5	53.5	80.3

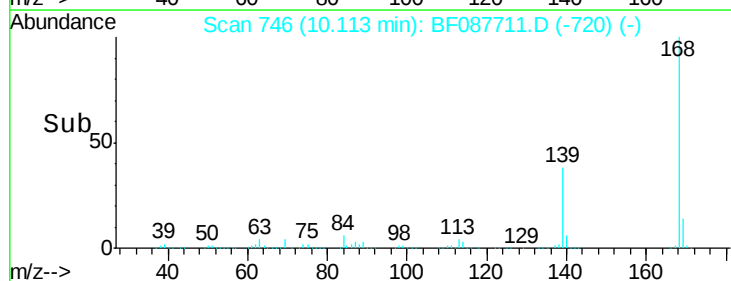
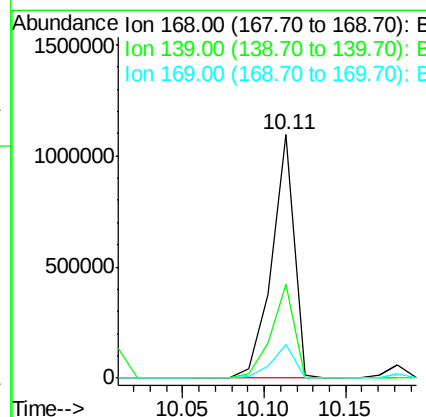
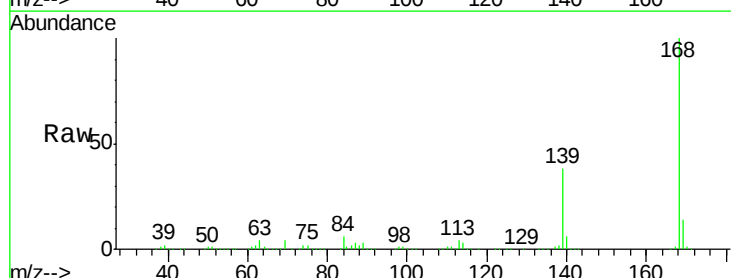
Manual Integrations
APPROVED

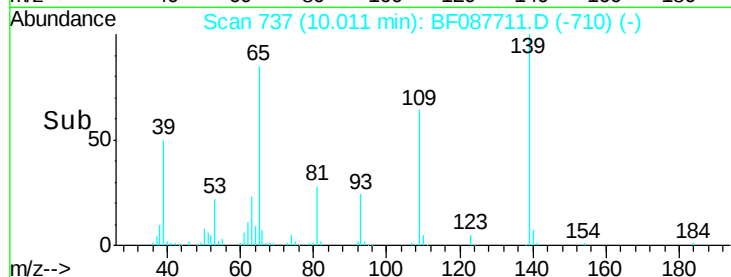
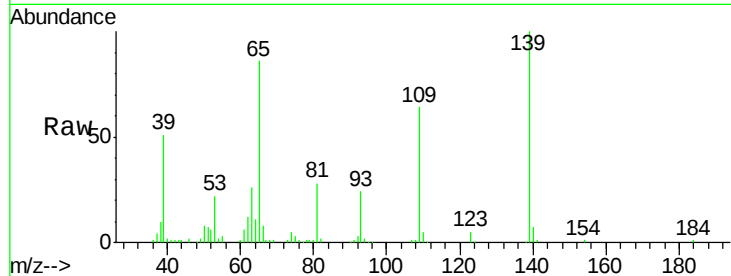
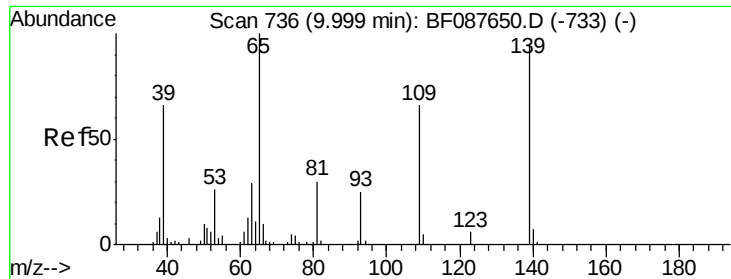
SOHIL
6/6/2016 7:24:57 PM



#54
Dibenzofuran
Concen: 40.47 ng
RT: 10.11 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.4	26.4	39.6
169	13.8	10.4	15.6





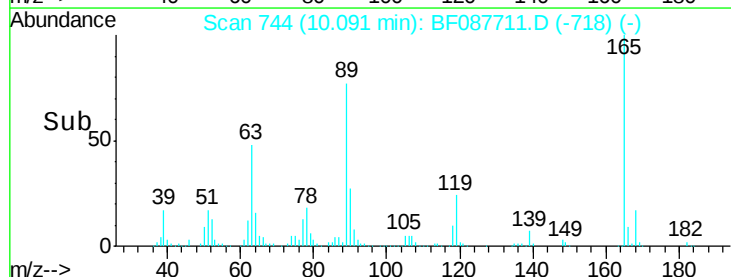
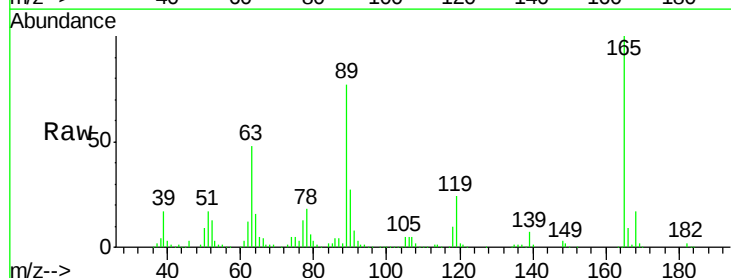
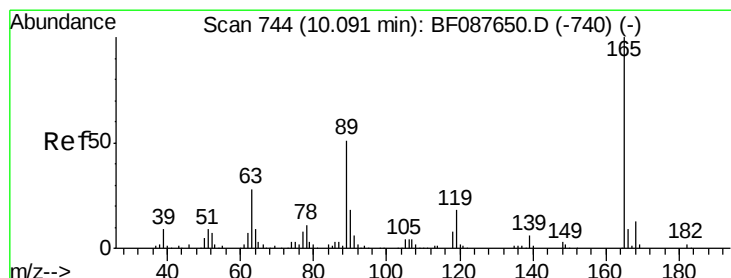
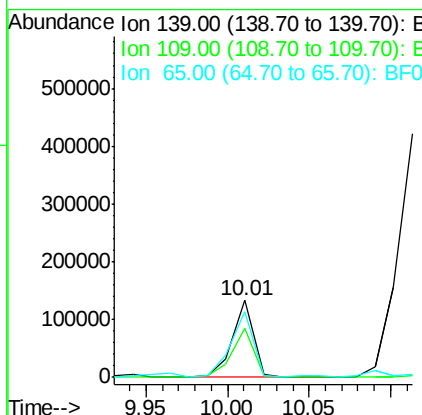
#55
4-Nitrophenol
Concen: 25.18 ng
RT: 10.01 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Tot Ion	Ratio	Resp	Lower	Upper
139	100	119545		
109	63.7	48.9	88.9	
65	85.7	84.9	124.9	

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MS

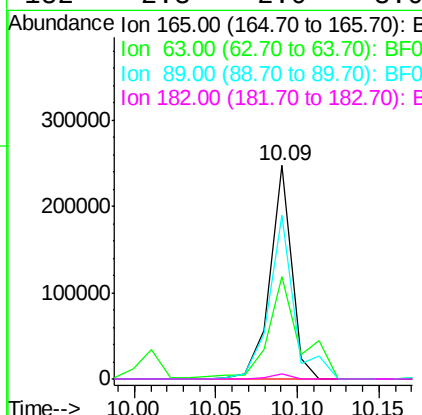
Manual Integrations
APPROVED

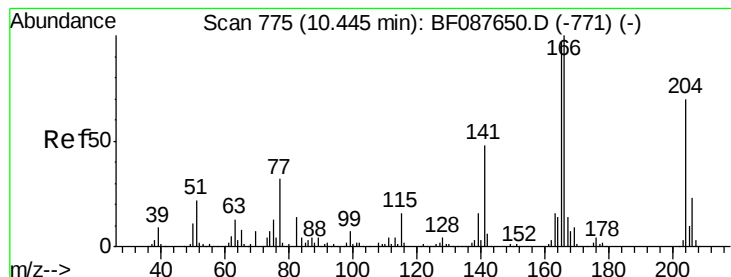
SOHIL
6/6/2016 7:24:57 PM



#56
2,4-Dinitrotoluene
Concen: 37.03 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	229004		
63	47.9	22.0	33.0#	
89	76.6	41.1	61.7#	
182	2.3	2.0	3.0	





#57

Fluorene

Concen: 38.06 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF087711.D

Acq: 5 Jun 2016 16:50

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MS

Tot Ion:166 Resp: 770819

Ion Ratio Lower Upper

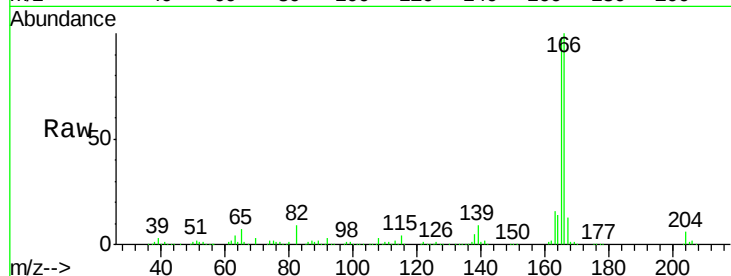
166 100

165 97.9 77.8 116.8

167 13.1 11.2 16.8

Manual Integrations
APPROVED

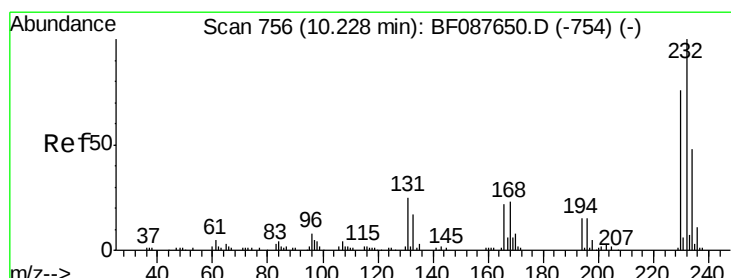
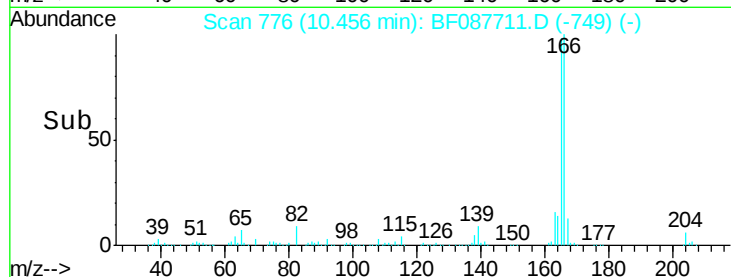
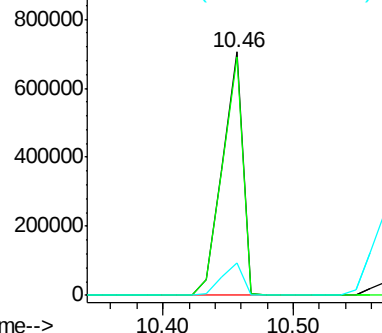
SOHIL
6/6/2016 7:24:57 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.00 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF087711.D

Acq: 5 Jun 2016 16:50

Tgt Ion:232 Resp: 191029

Ion Ratio Lower Upper

232 100

131 50.3 0.9 1.3#

130 2.5 1.5 2.3#

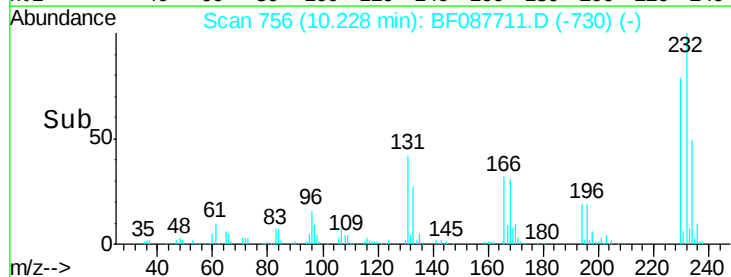
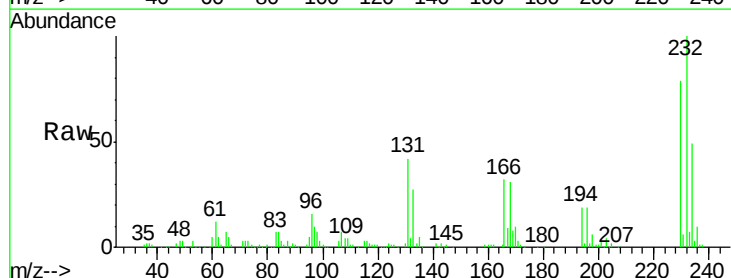
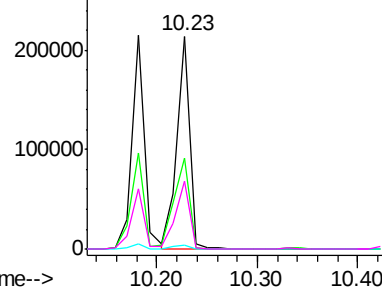
166 34.2 0.5 0.7#

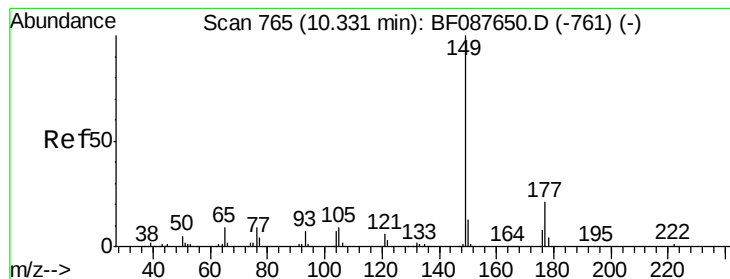
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 35.56 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF087711.D

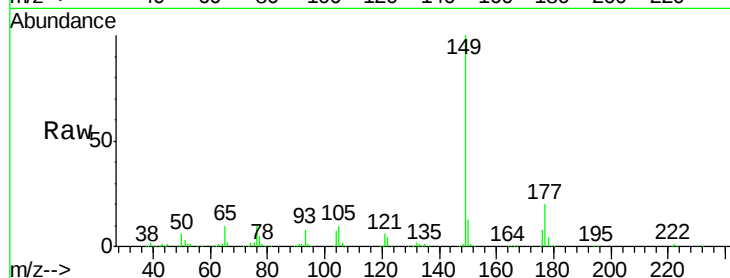
Acq: 5 Jun 2016 16:50

Instrument :

BNA_F

ClientSampleId :

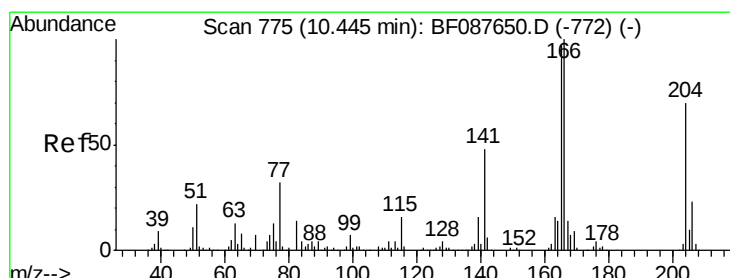
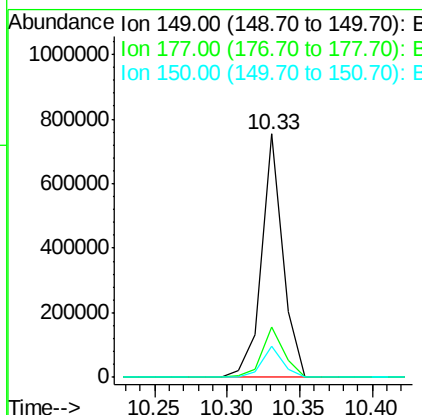
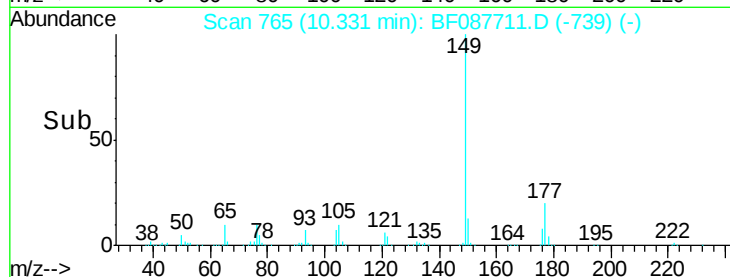
SP16-JMW0991MS



Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	20.4	16.9	25.3	
150	13.0	10.1	15.1	

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:24:57 PM



#60

4-Chlorophenyl-phenylether

Concen: 34.24 ng

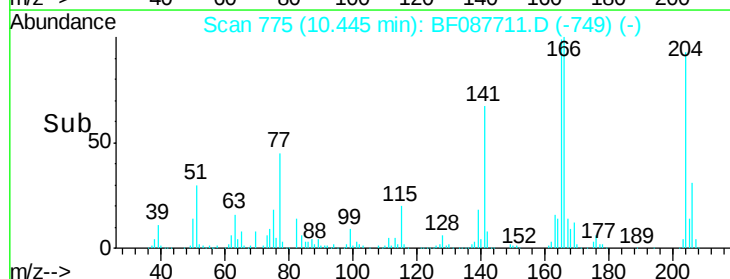
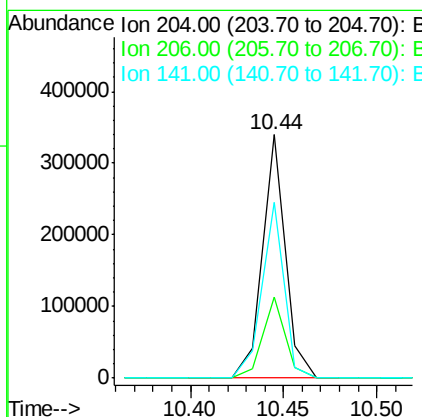
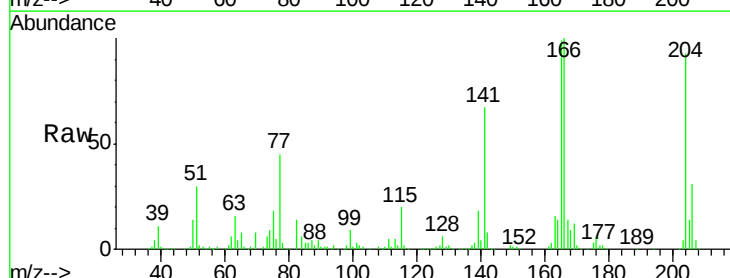
RT: 10.44 min Scan# 775

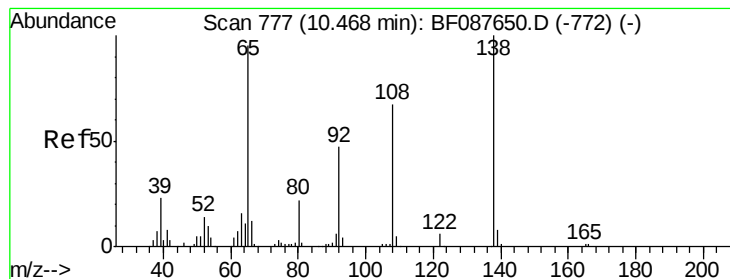
Delta R.T. 0.00 min

Lab File: BF087711.D

Acq: 5 Jun 2016 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.2	26.3	39.5	
141	72.4	55.0	82.6	





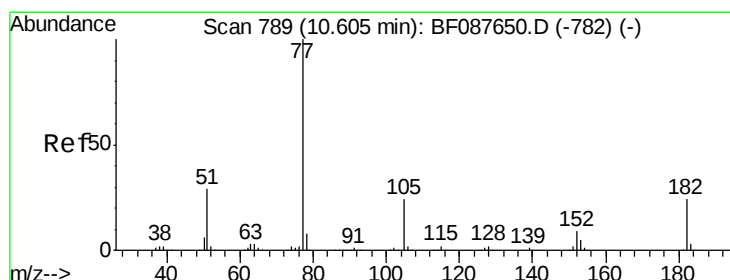
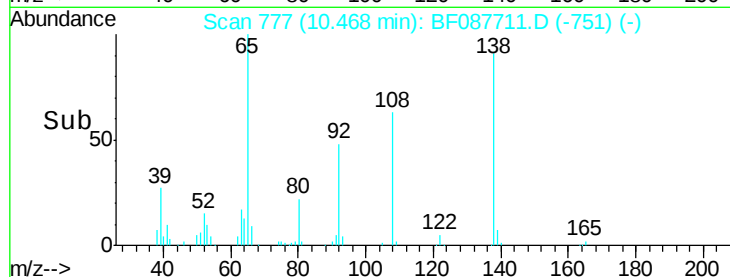
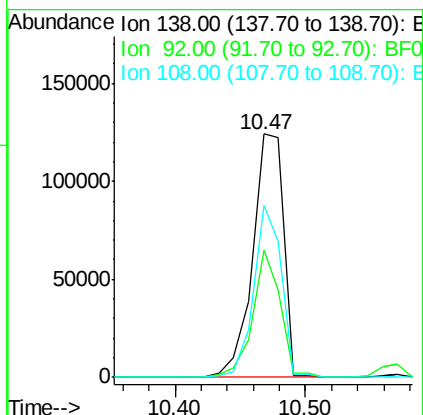
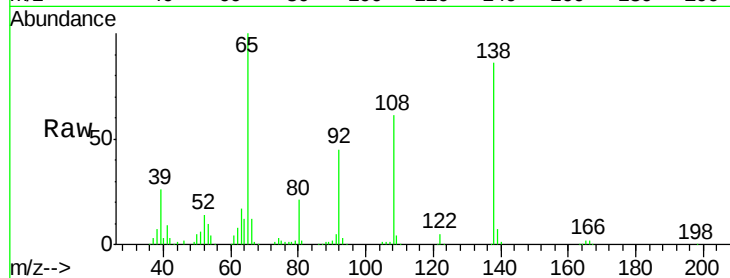
#61
4-Nitroaniline
Concen: 38.36 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.0	27.3	67.3
108	70.7	46.7	86.7

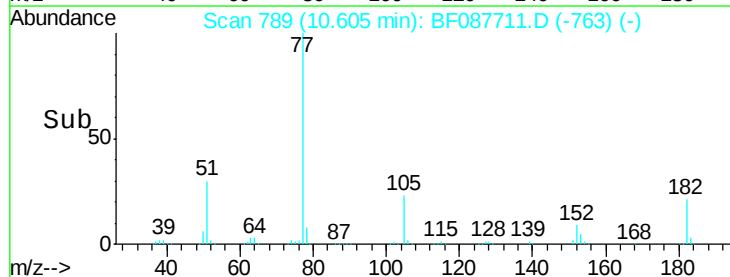
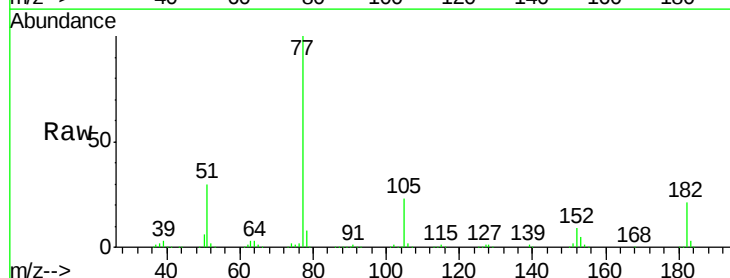
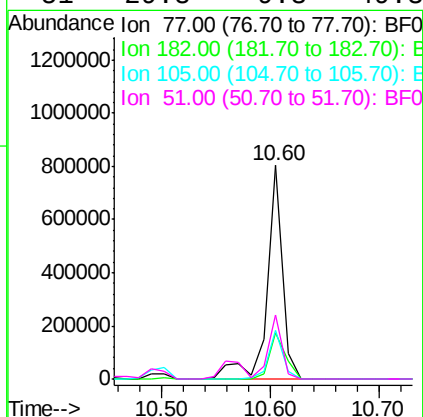
Manual Integrations
APPROVED

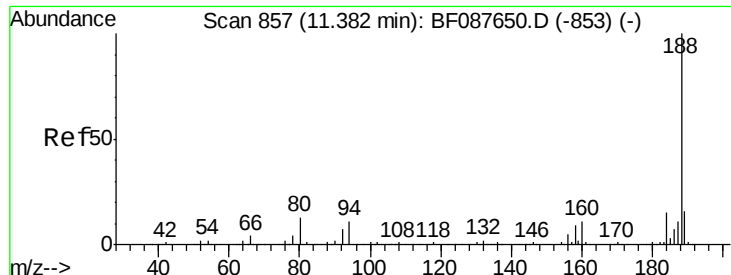
SOHIL
6/6/2016 7:24:57 PM



#62
Azobenzene
Concen: 37.65 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.5	4.4	44.4
105	23.1	3.8	43.8
51	29.8	9.3	49.3





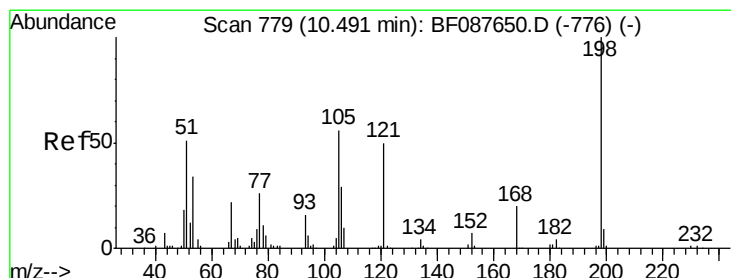
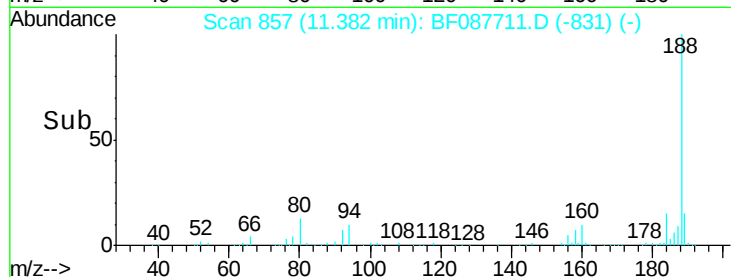
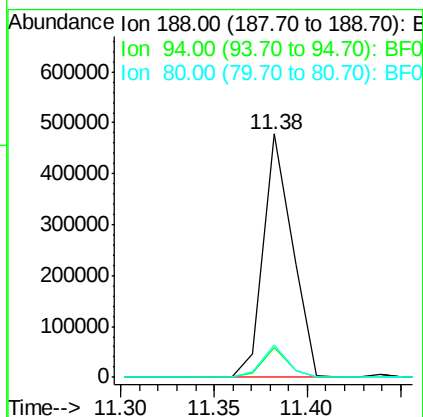
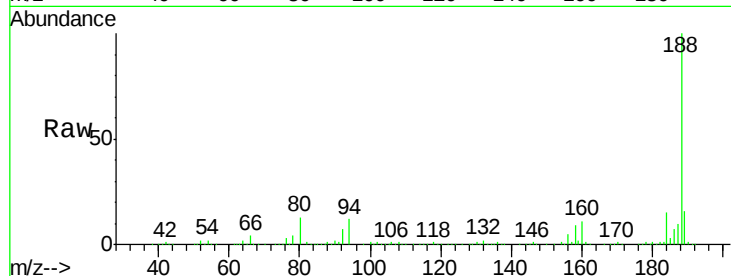
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	515027		
94	12.3		9.0	13.6
80	13.4		10.0	15.0

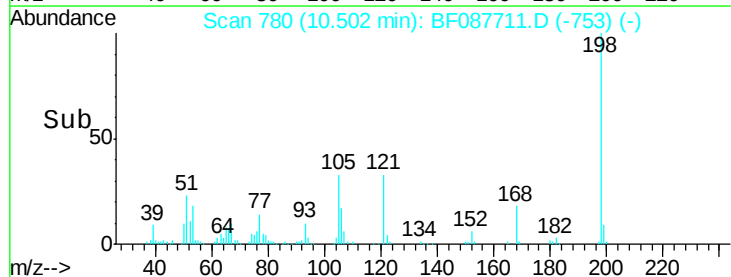
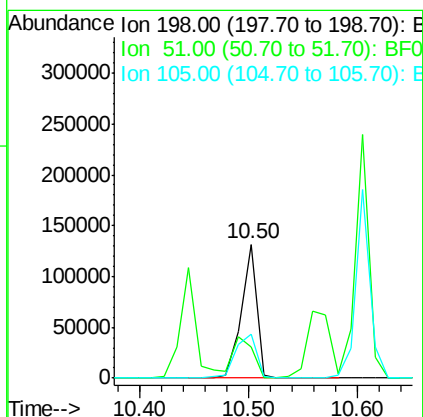
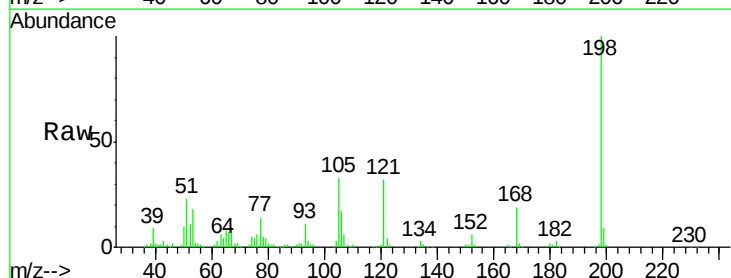
Manual Integrations
APPROVED

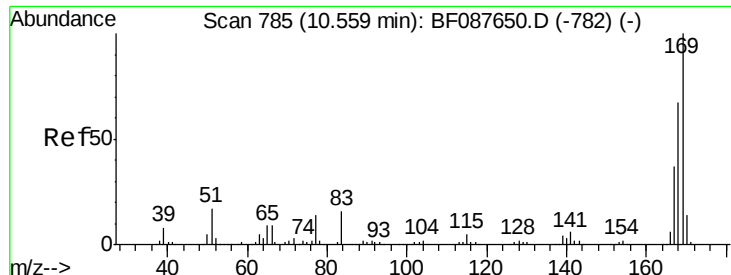
SOHIL
6/6/2016 7:24:57 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 44.55 ng
RT: 10.50 min Scan# 780
Delta R.T. 0.01 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	127090		
51	23.2		39.6	79.6#
105	33.2		36.6	76.6#





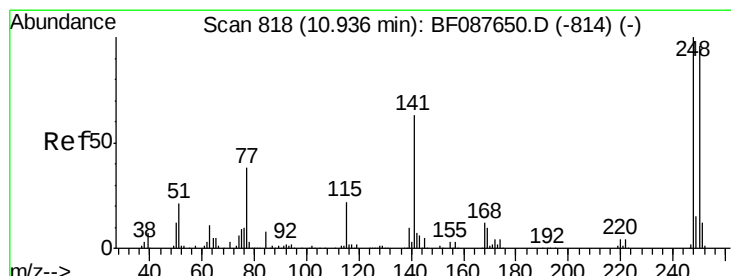
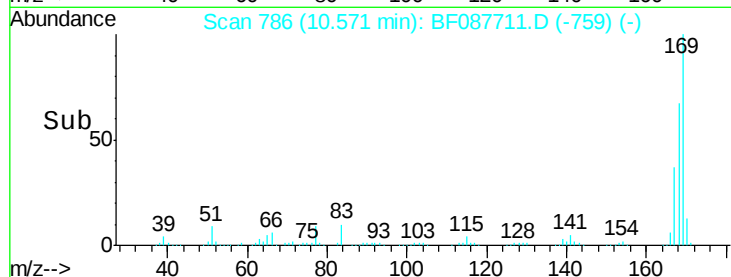
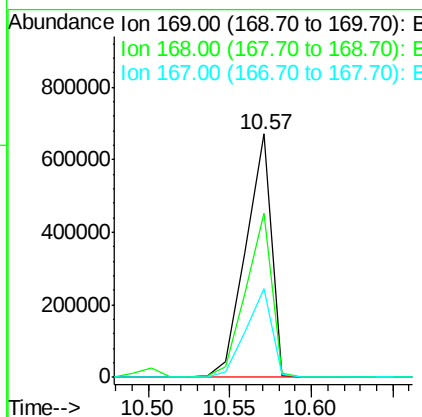
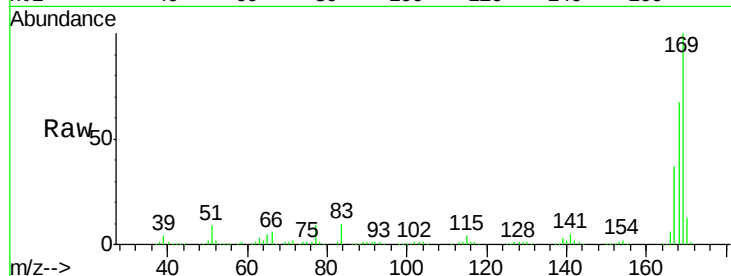
#65
 n-Nitrosodiphenylamine
 Concen: 43.50 ng
 RT: 10.57 min Scan# 786
 Delta R.T. 0.01 min
 Lab File: BF087711.D
 Acq: 5 Jun 2016 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.4	80.0
167	36.7	29.4	44.0

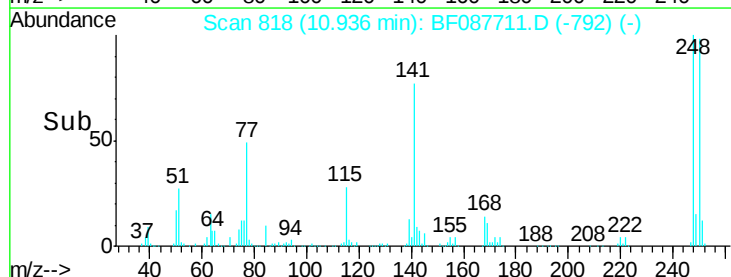
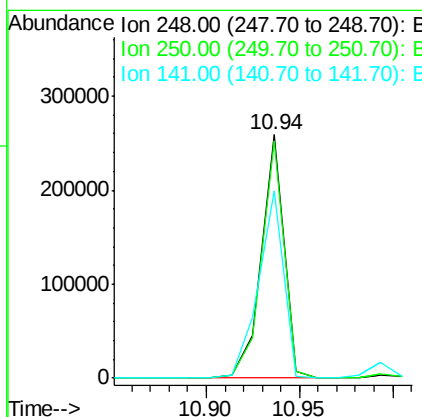
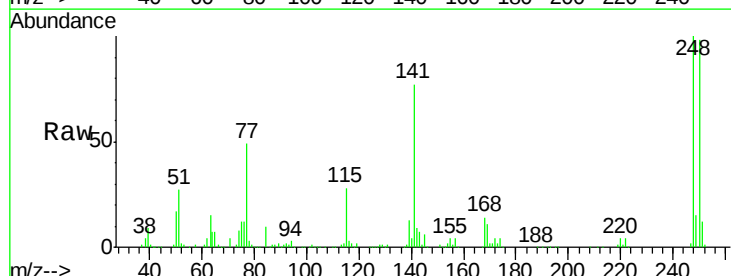
Manual Integrations
 APPROVED

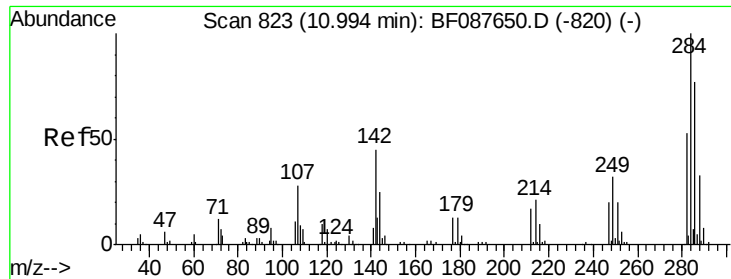
SOHIL
 6/6/2016 7:24:57 PM



#66
 4-Bromophenyl-phenylether
 Concen: 42.25 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF087711.D
 Acq: 5 Jun 2016 16:50

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.1	115.7
141	77.0	50.6	76.0





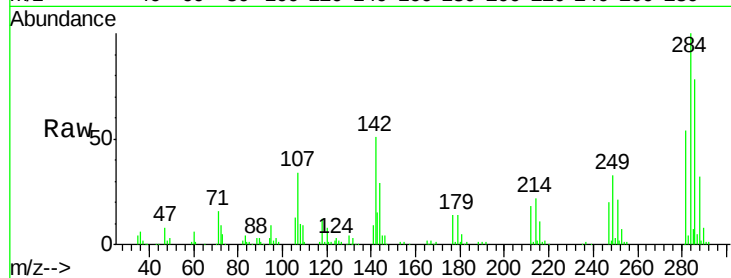
#67
Hexachlorobenzene
Concen: 38.79 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MS

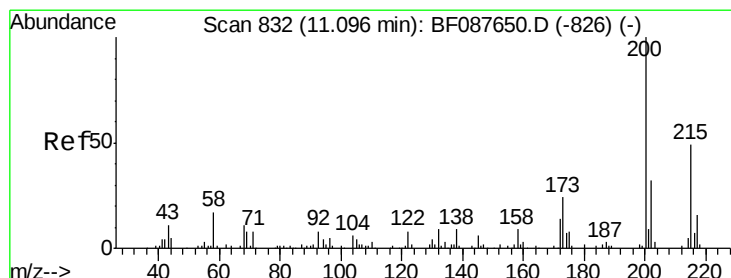
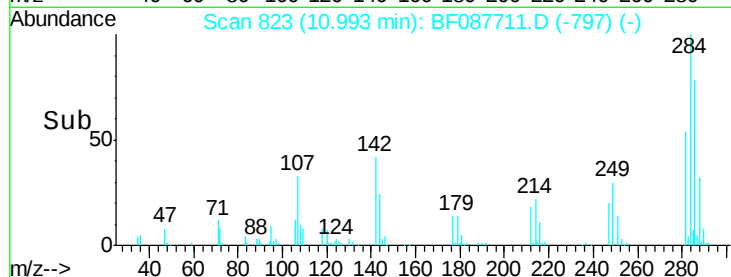
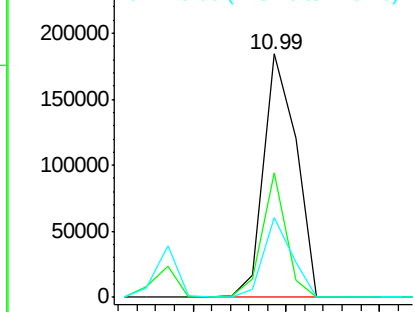
Tot Ion	Ratio	Resp	Lower	Upper
284	100	221537		
142	51.3	35.8	53.8	
249	33.0	25.8	38.6	

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:24:57 PM

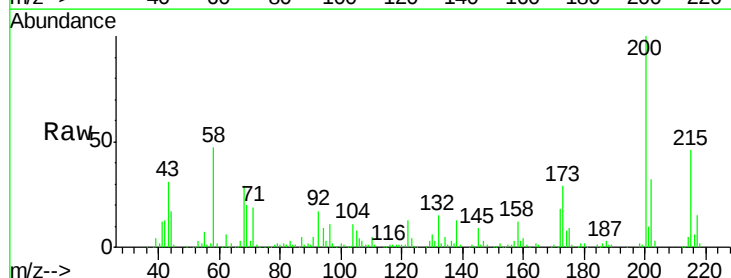


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

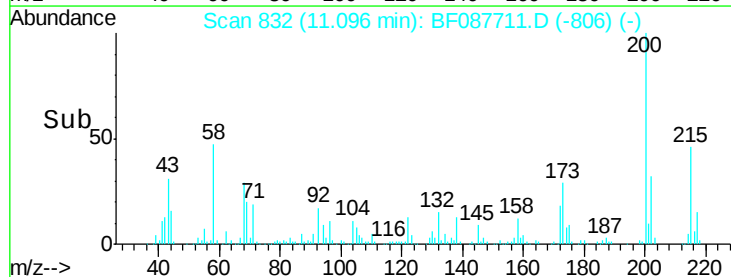
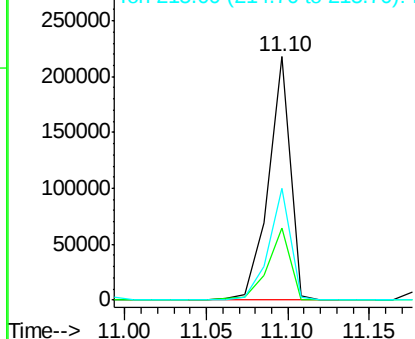


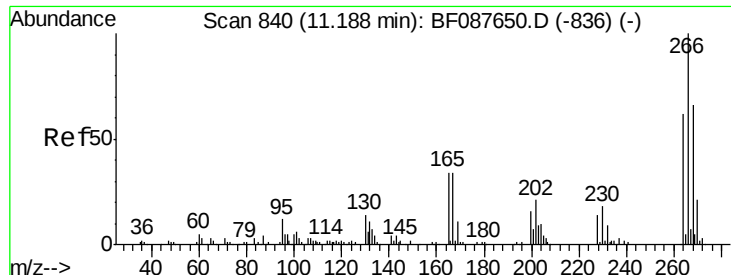
#68
Atrazine
Concen: 40.74 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	203551		
173	29.5	4.0	44.0	
215	46.1	29.3	69.3	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





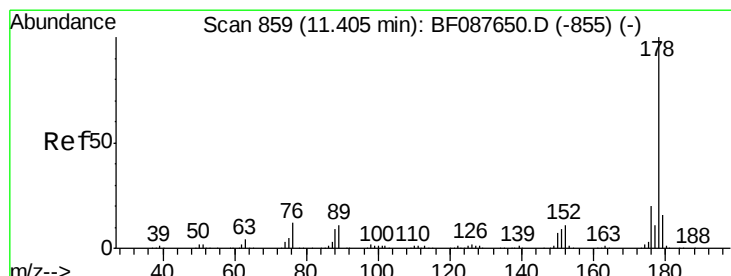
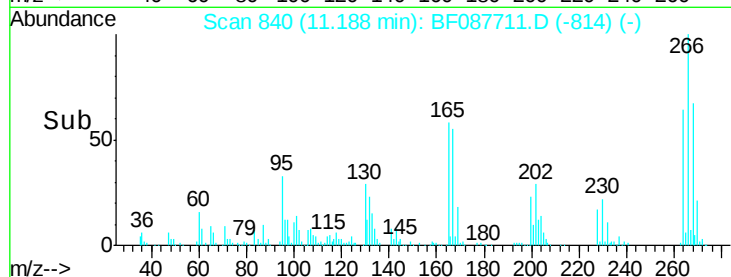
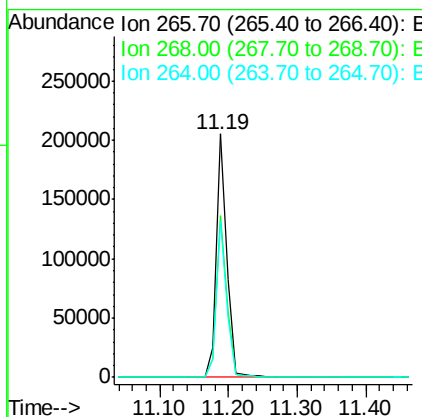
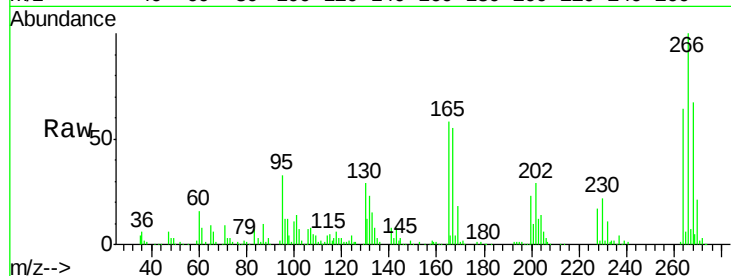
#69
 Pentachlorophenol
 Concen: 66.05 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF087711.D
 Acq: 5 Jun 2016 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.7	52.8	79.2
264	64.2	49.6	74.4

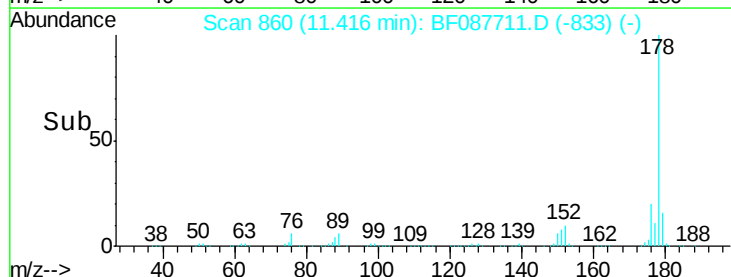
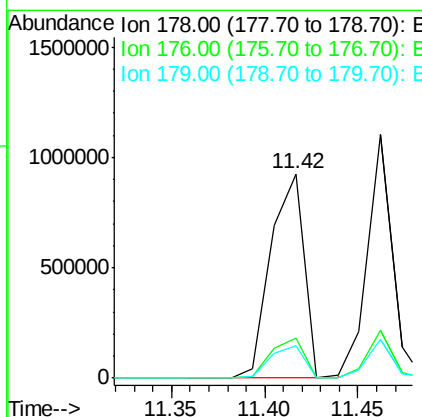
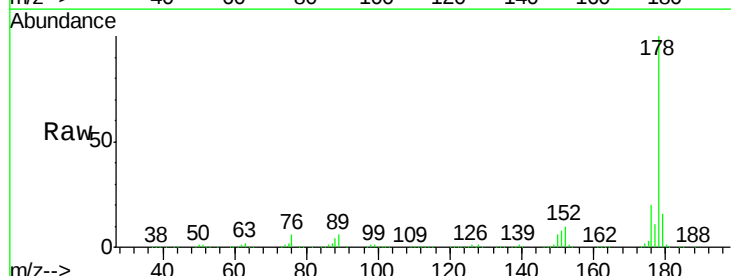
Manual Integrations
 APPROVED

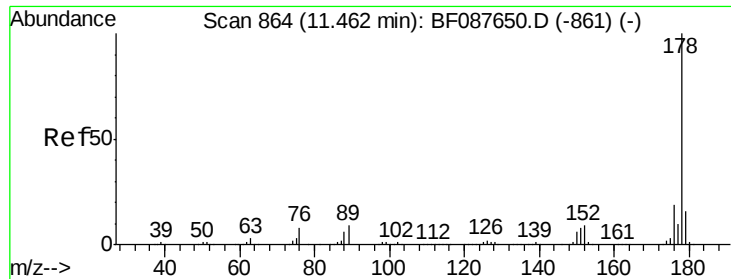
SOHIL
 6/6/2016 7:24:57 PM



#70
 Phenanthrene
 Concen: 41.30 ng
 RT: 11.42 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF087711.D
 Acq: 5 Jun 2016 16:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	15.7	13.0	19.4





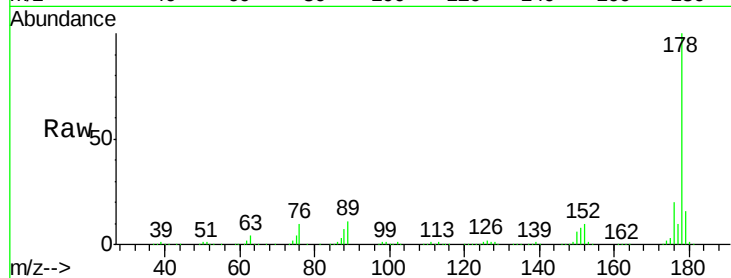
#71
 Anthracene
 Concen: 35.83 ng
 RT: 11.46 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BF087711.D
 Acq: 5 Jun 2016 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MS

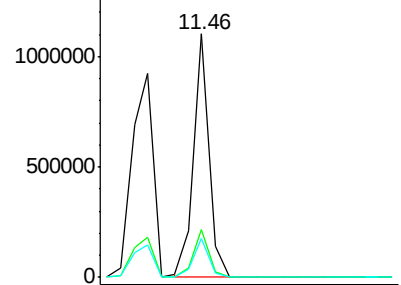
Tot Ion:178 Resp: 1002523
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 16.1 12.8 19.2

Manual Integrations
 APPROVED

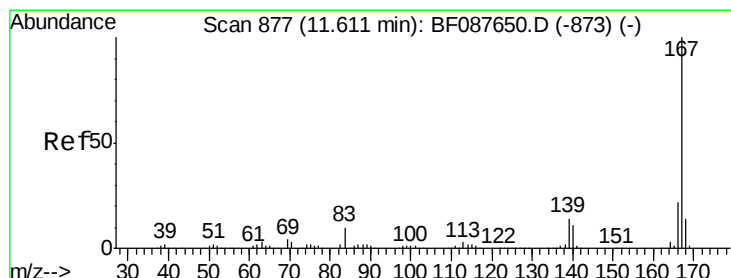
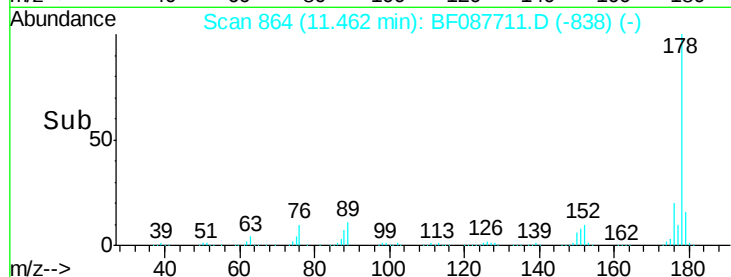
SOHIL
 6/6/2016 7:24:57 PM



Abundance Ion 178.00 (177.70 to 178.70): E
 1500000
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

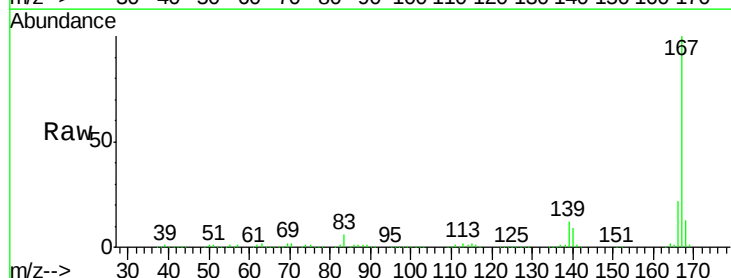


Time-->

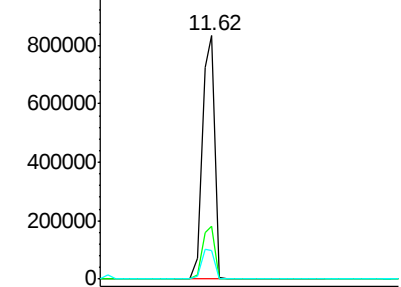


#72
 Carbazole
 Concen: 42.63 ng
 RT: 11.62 min Scan# 878
 Delta R.T. 0.01 min
 Lab File: BF087711.D
 Acq: 5 Jun 2016 16:50

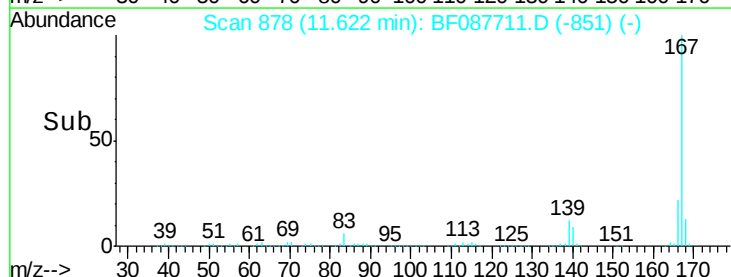
Tgt Ion:167 Resp: 1129079
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 11.6 11.2 16.8

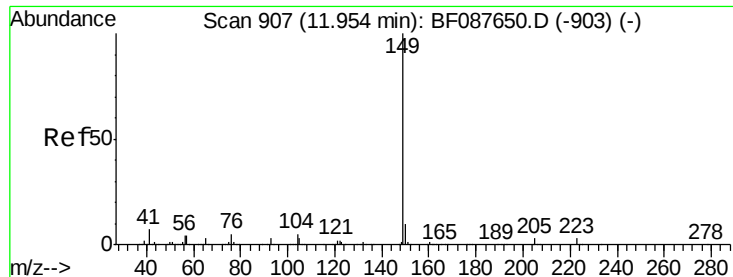


Abundance Ion 167.00 (166.70 to 167.70): E
 1000000
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 41.44 ng

RT: 11.95 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF087711.D

Acq: 5 Jun 2016 16:50

Instrument :

BNA_F

ClientSampleId :

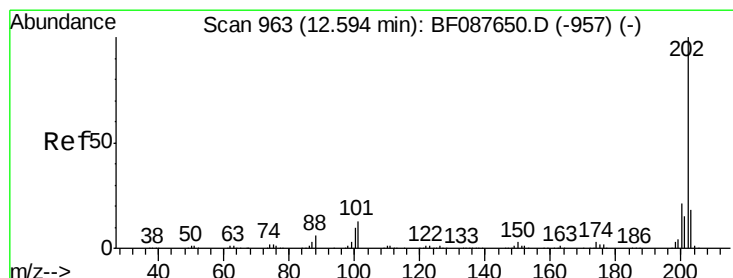
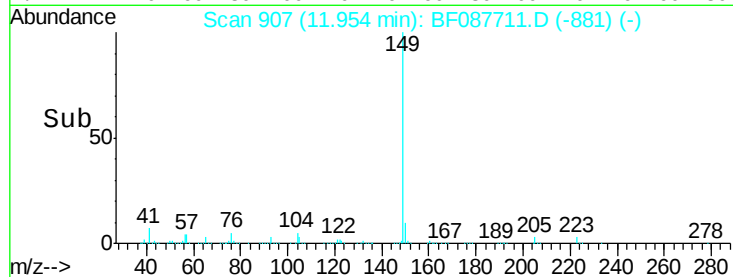
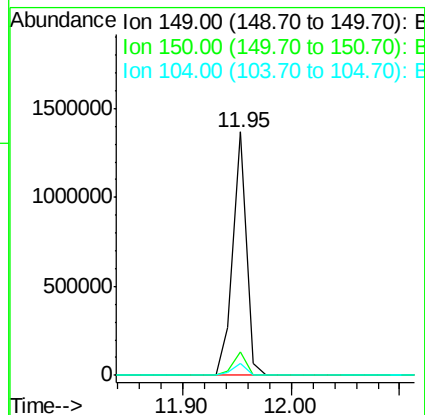
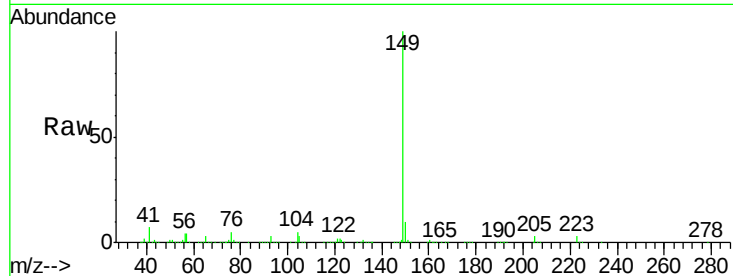
SP16-JMW0991MS

Manual Integrations
APPROVED

SOHIL

6/6/2016 7:24:57 PM

Tot Ion:	149	Resp:	1176655
Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.1	4.0	6.0



#74

Fluoranthene

Concen: 36.43 ng

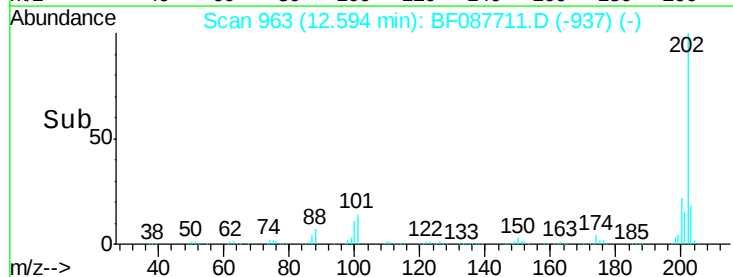
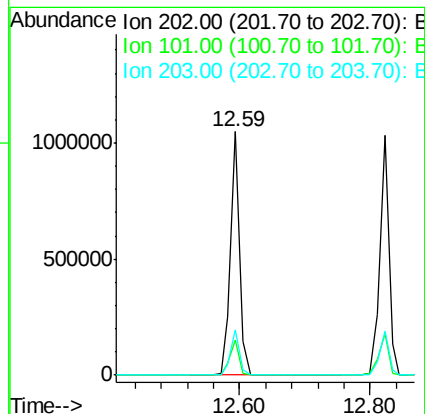
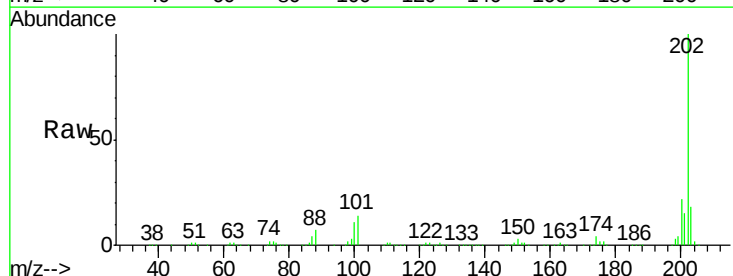
RT: 12.59 min Scan# 963

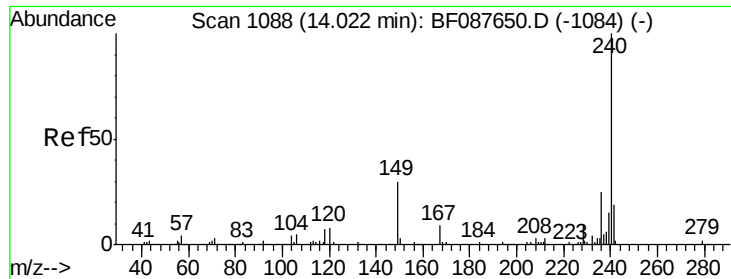
Delta R.T. -0.00 min

Lab File: BF087711.D

Acq: 5 Jun 2016 16:50

Tgt Ion:	202	Resp:	1001087
Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.1
203	18.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF087711.D

Acq: 5 Jun 2016 16:50

Instrument :

BNA_F

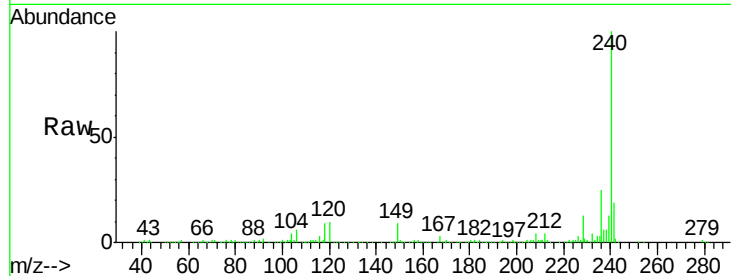
ClientSampleId :

SP16-JMW0991MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	6.8	10.2
236	25.4	20.2	30.2

Manual Integrations
APPROVED

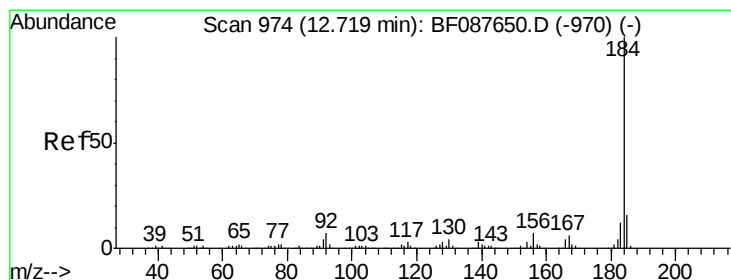
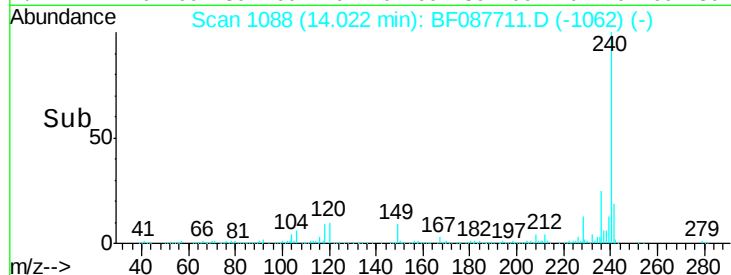
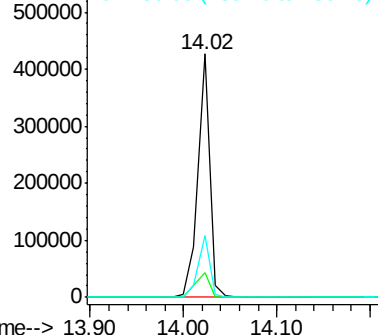
SOHIL
6/6/2016 7:24:57 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.92 ng

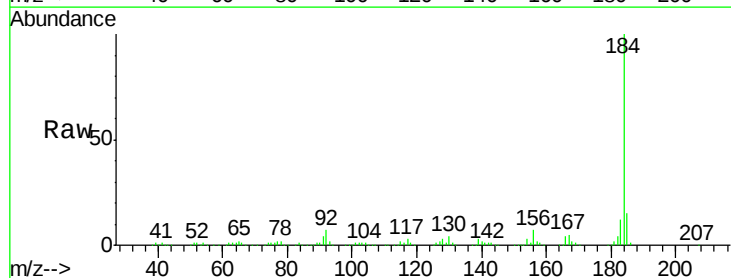
RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF087711.D

Acq: 5 Jun 2016 16:50

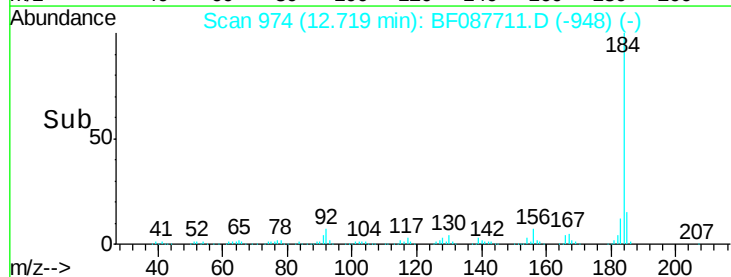
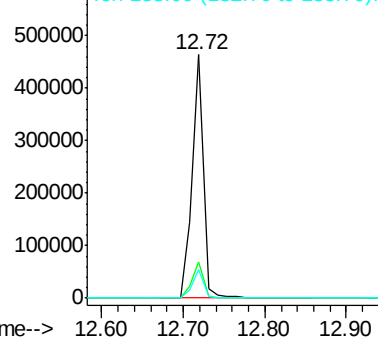
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.5	18.7
183	11.7	9.3	13.9

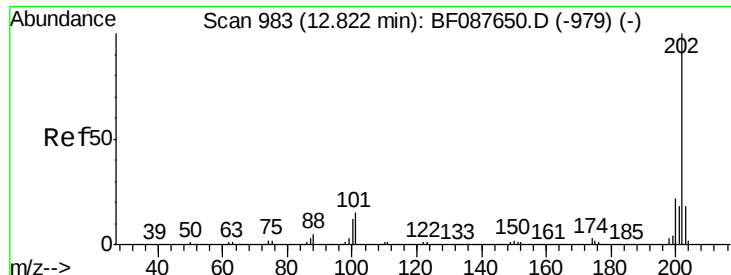


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





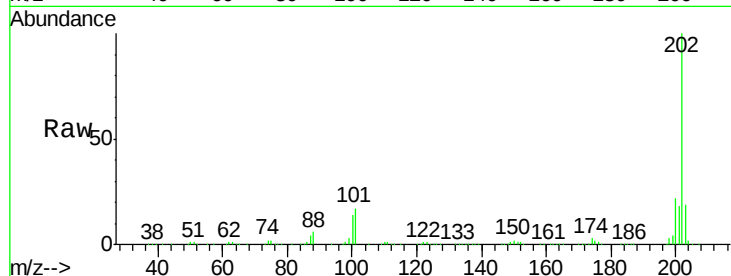
#77
Pvrene
Concen: 37.19 ng
RT: 12.82 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MS

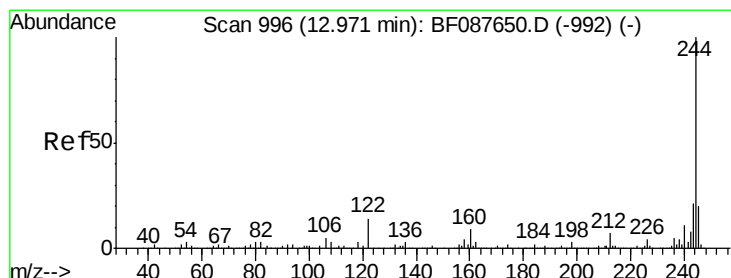
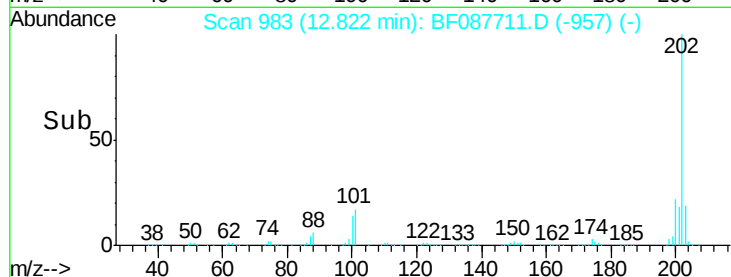
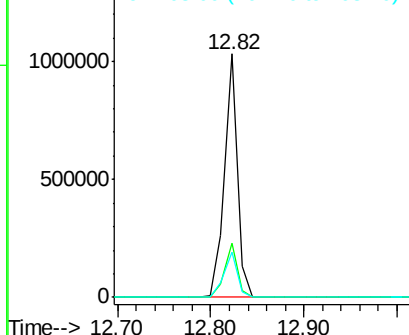
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	18.5	14.5	21.7

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:24:57 PM

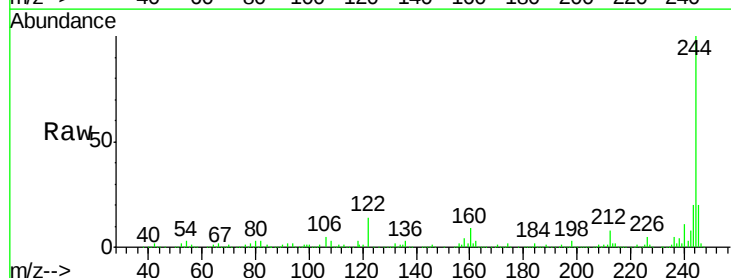


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

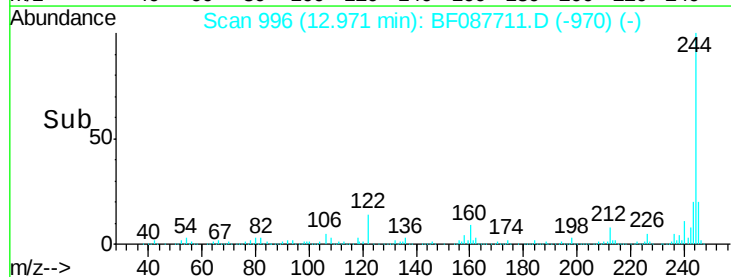
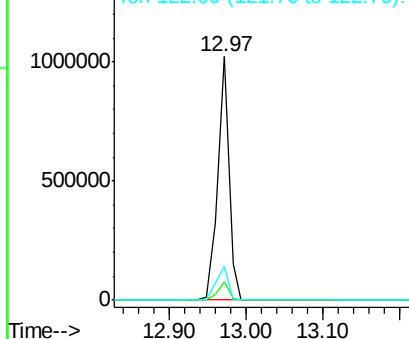


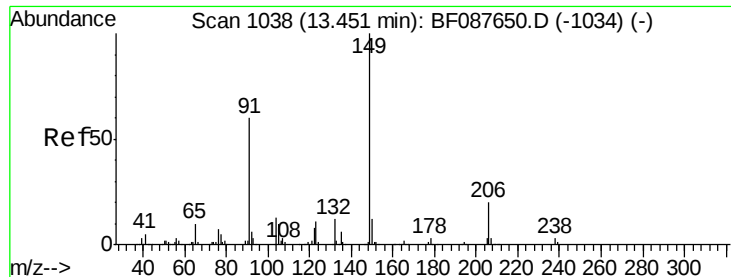
#78
Terphenyl-d14
Concen: 68.04 ng
RT: 12.97 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	13.7	11.2	16.8



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.78 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF087711.D

Acq: 5 Jun 2016 16:50

Instrument :

BNA_F

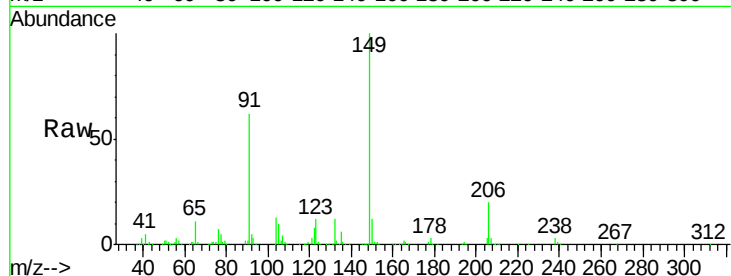
ClientSampleId :

SP16-JMW0991MS

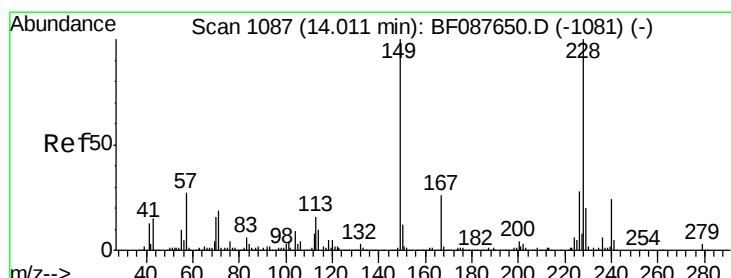
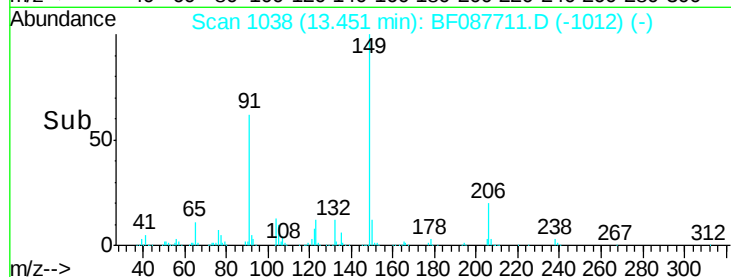
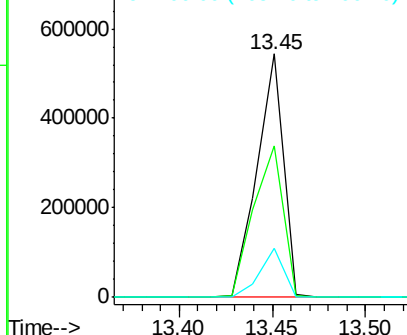
Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		531251		
91	62.1	48.0	72.0		
206	20.2	16.0	24.0		

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:24:57 PM



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: 35.84 ng

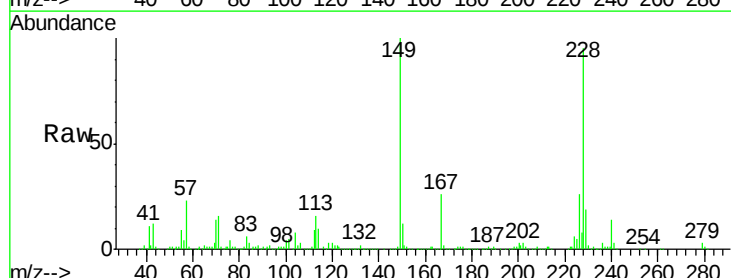
RT: 14.01 min Scan# 1087

Delta R.T. -0.00 min

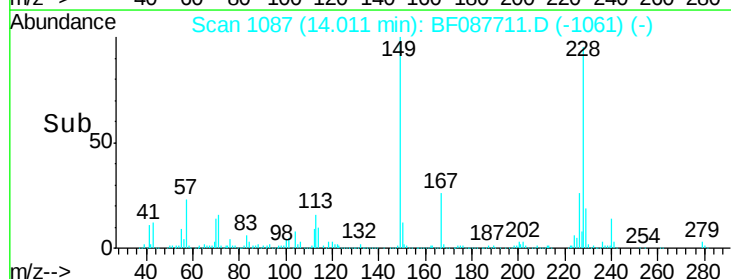
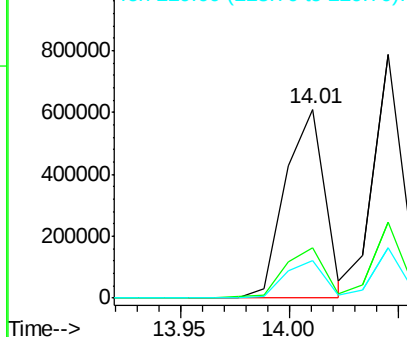
Lab File: BF087711.D

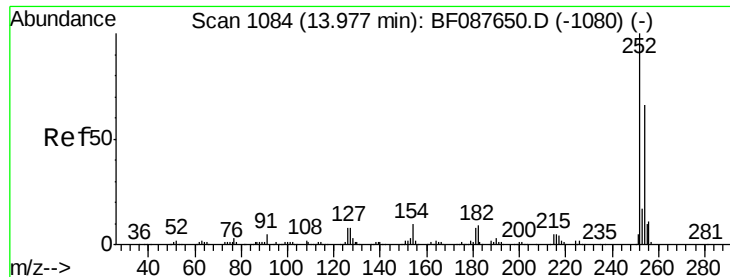
Acq: 5 Jun 2016 16:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		774964		
226	27.0	22.3	33.5		
229	19.7	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





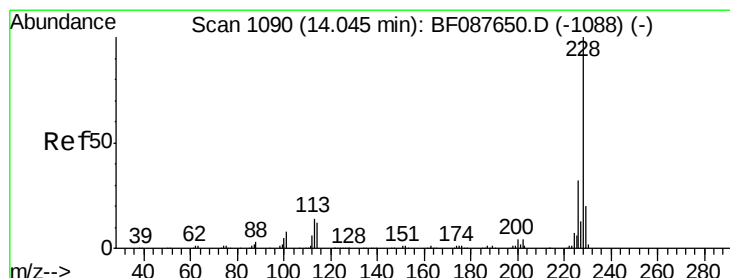
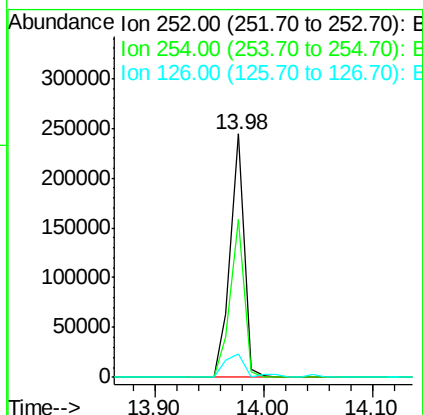
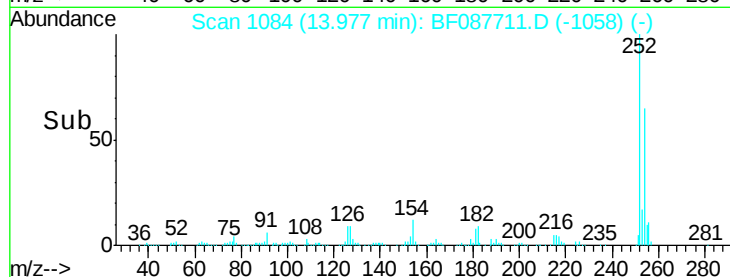
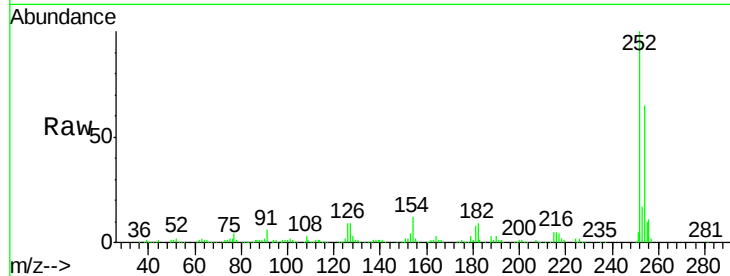
#81
 3,3'-Dichlorobenzidine
 Concen: 35.92 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF087711.D
 Acq: 5 Jun 2016 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.9	52.6	78.8
126	9.5	6.2	9.2#

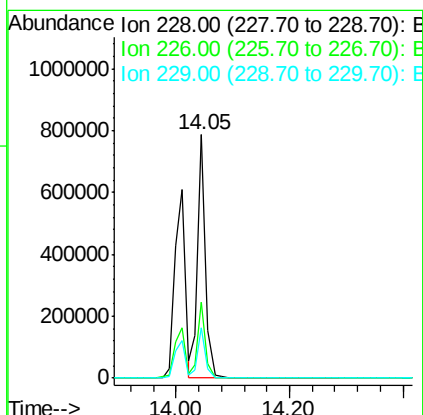
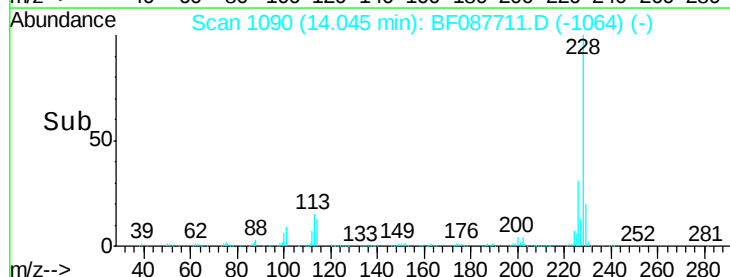
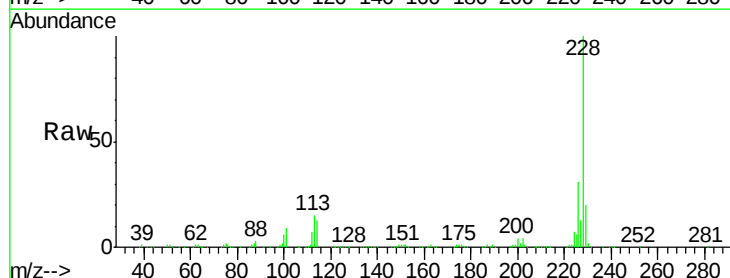
Manual Integrations
 APPROVED

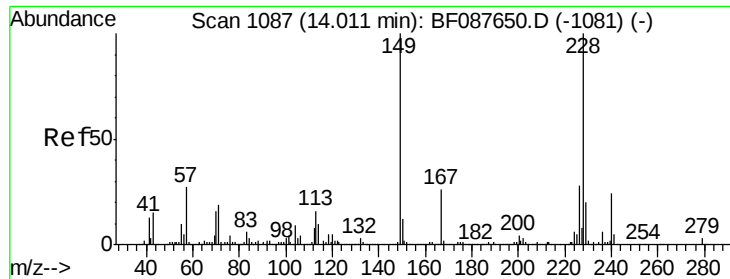
SOHIL
 6/6/2016 7:24:57 PM



#82
 Chrysene
 Concen: 35.32 ng
 RT: 14.05 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF087711.D
 Acq: 5 Jun 2016 16:50

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.0	25.4	38.2
229	20.4	16.3	24.5





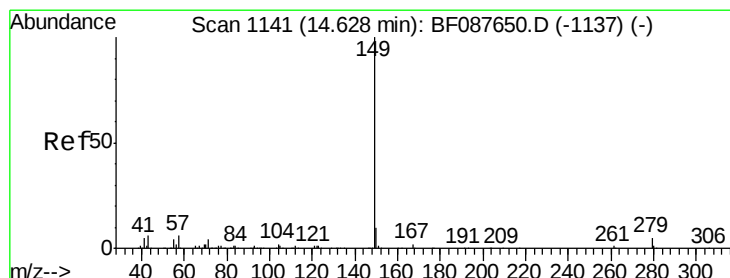
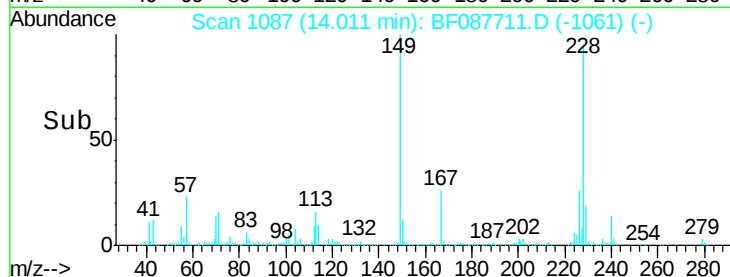
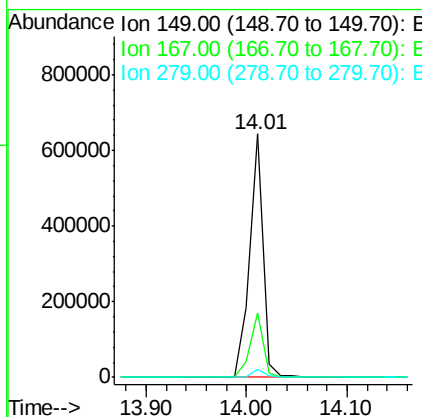
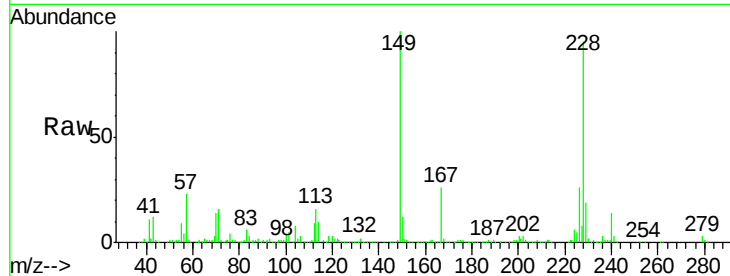
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.37 ng
 RT: 14.01 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BF087711.D
 Acq: 5 Jun 2016 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	599517		
167	26.4	20.5	30.7	
279	3.1	2.0	3.0#	

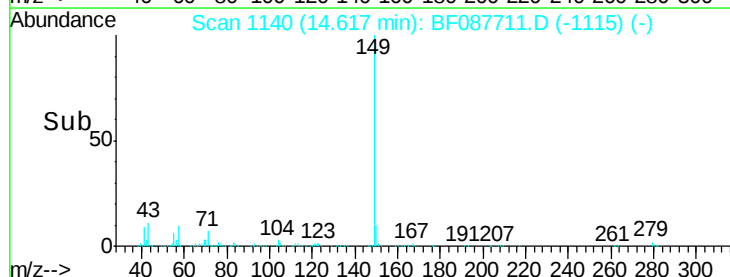
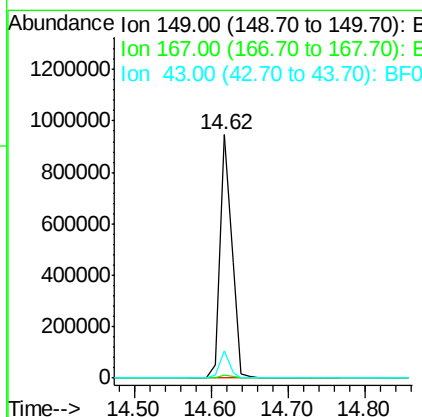
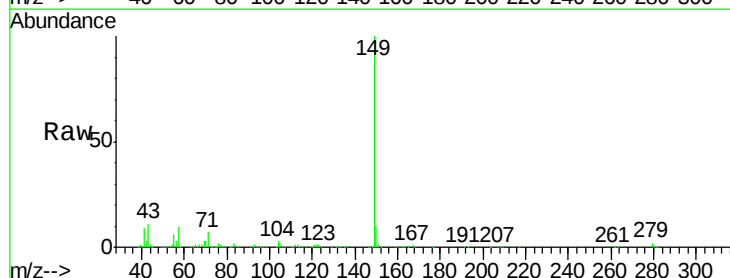
Manual Integrations
 APPROVED

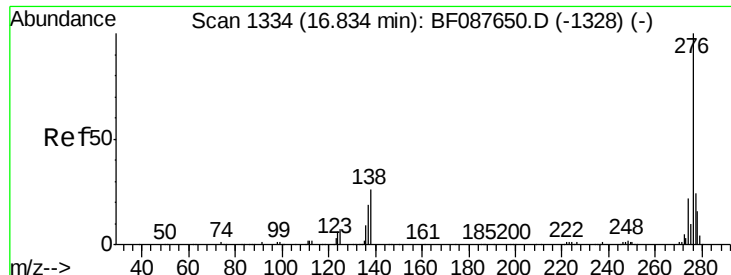
SOHIL
 6/6/2016 7:24:57 PM



#84
 Di-n-octyl phthalate
 Concen: 40.23 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF087711.D
 Acq: 5 Jun 2016 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1010665		
167	1.5	0.0	0.0#	
43	9.8	0.0	0.0#	





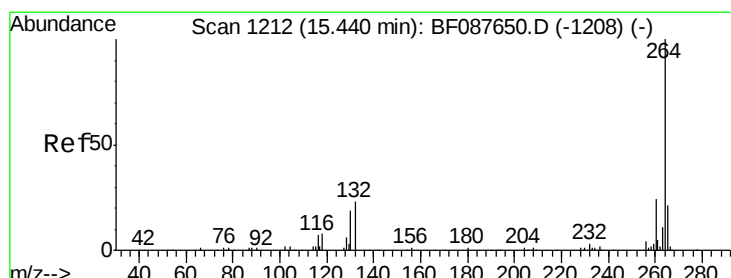
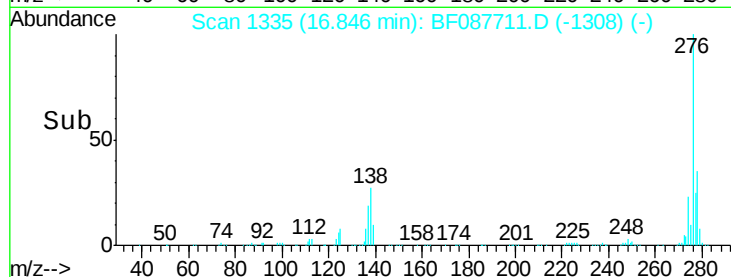
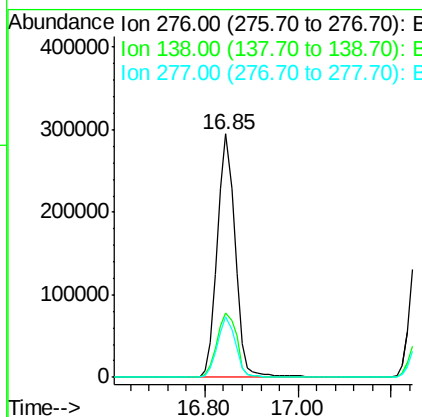
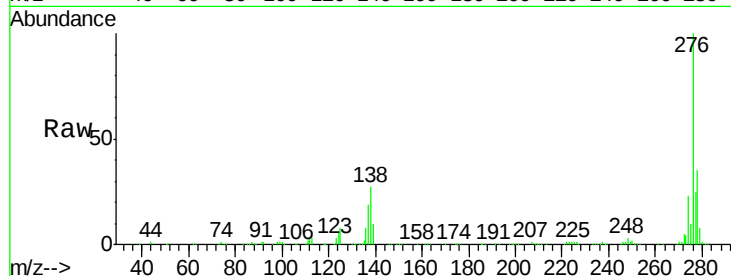
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.08 ng
RT: 16.85 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	29.6	0.0	0.0#
277	25.0	0.0	0.0#

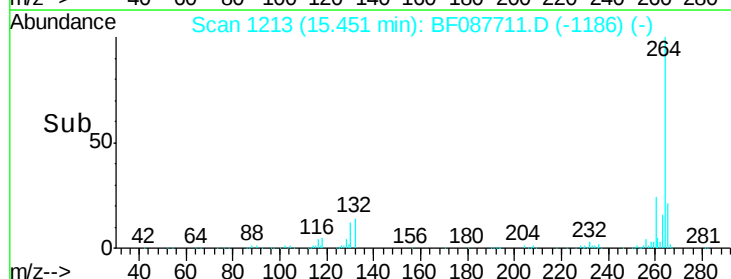
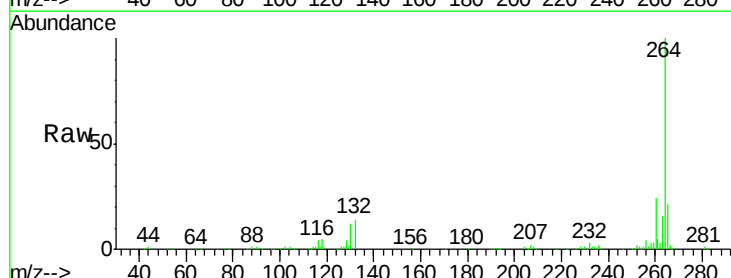
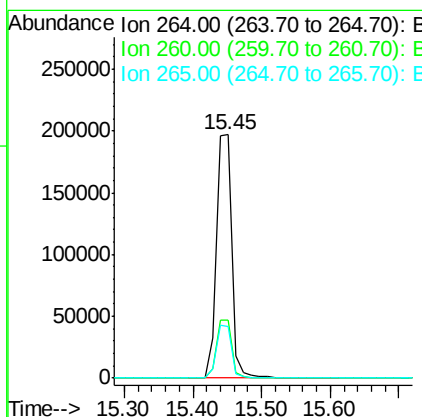
Manual Integrations
APPROVED

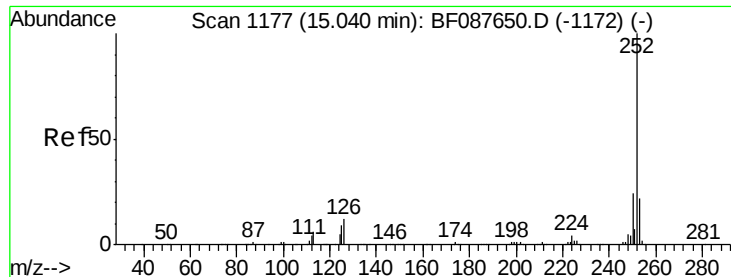
SOHIL
6/6/2016 7:24:57 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.1	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 38.47 ng

RT: 15.04 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF087711.D

Acq: 5 Jun 2016 16:50

Instrument :

BNA_F

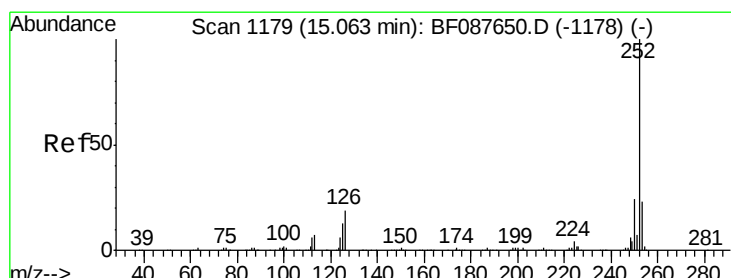
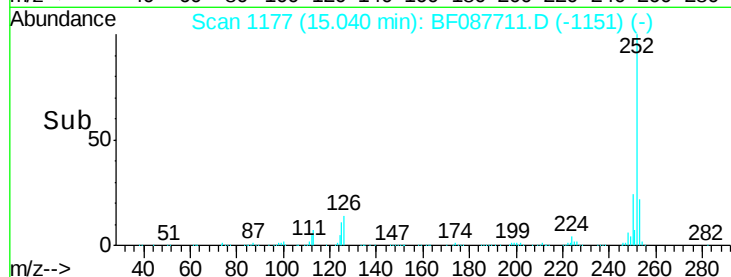
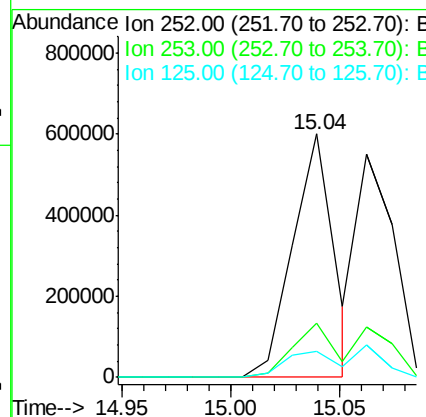
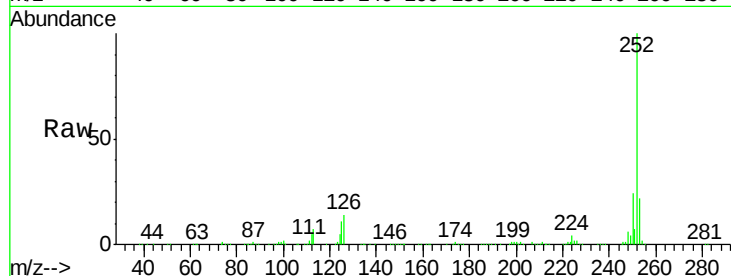
ClientSampleId :

SP16-JMW0991MS

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:24:57 PM

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	10.8	7.1	10.7



#88

Benzo(k)fluoranthene

Concen: 39.26 ng m

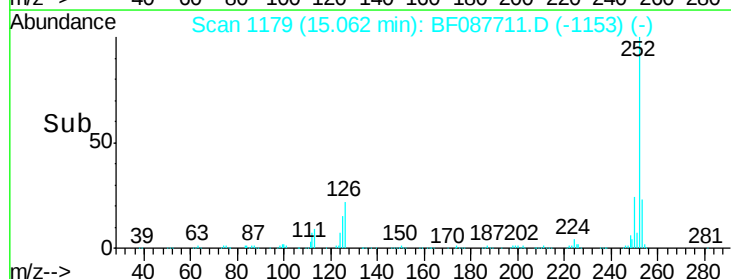
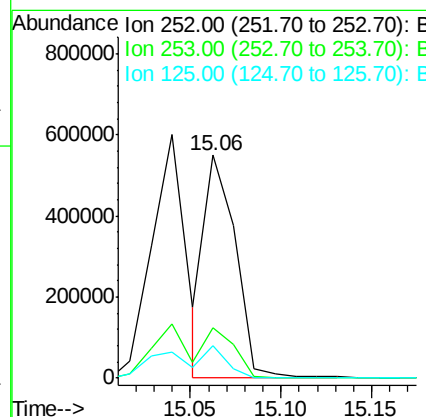
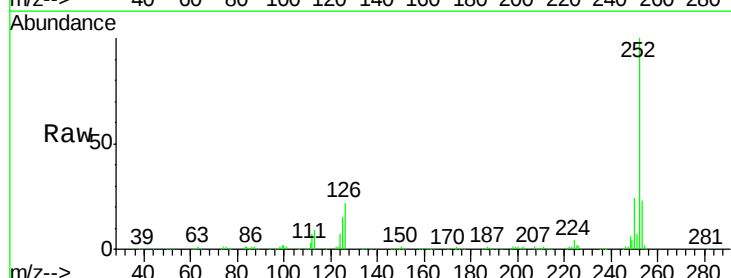
RT: 15.06 min Scan# 1179

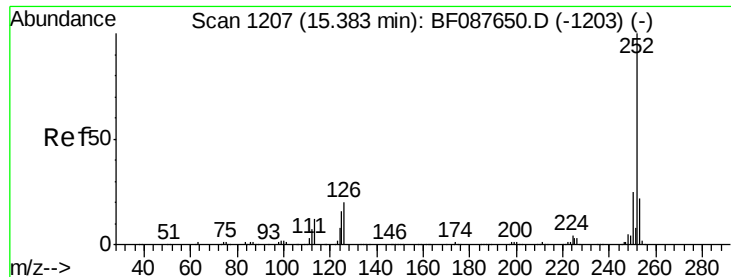
Delta R.T. 0.00 min

Lab File: BF087711.D

Acq: 5 Jun 2016 16:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	14.7	11.2	16.8





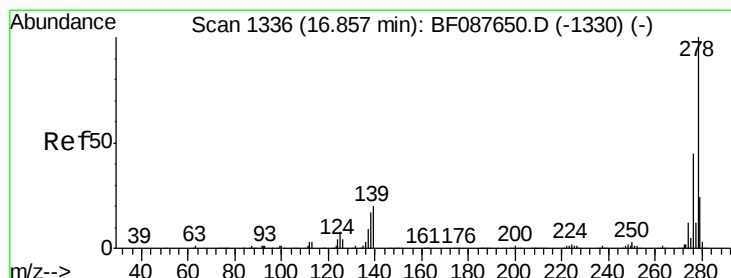
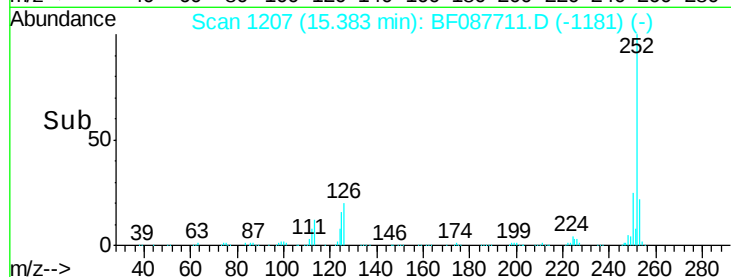
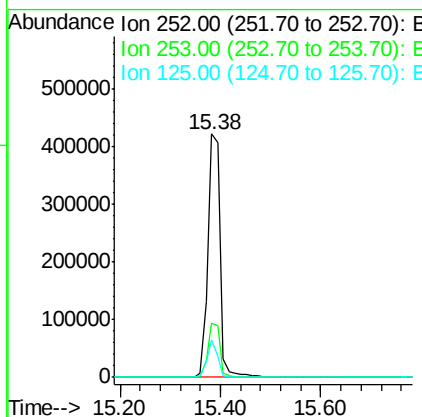
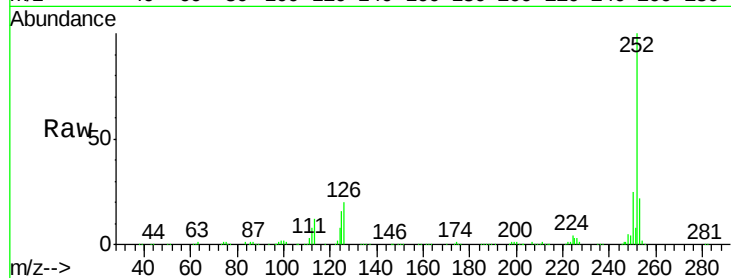
#89
Benzo(a)pyrene
Concen: 41.36 ng
RT: 15.38 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	15.6	12.5	18.7

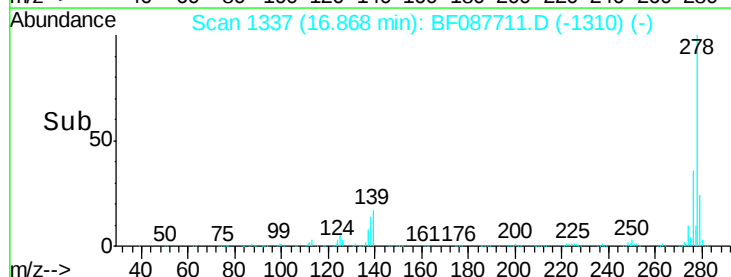
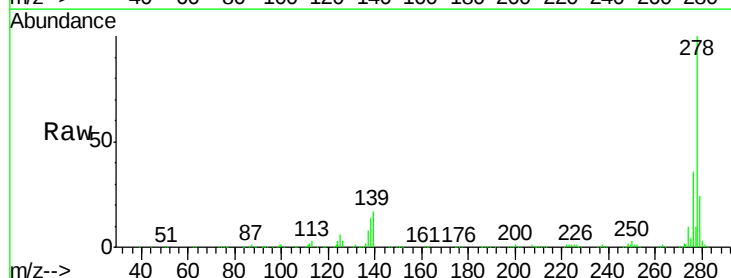
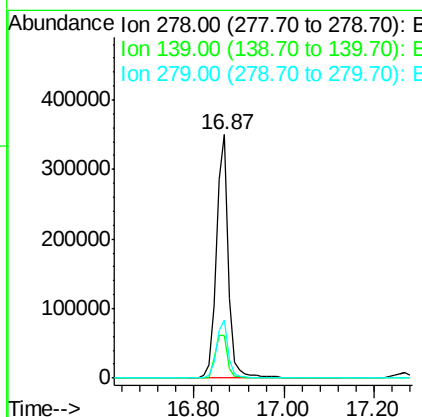
Manual Integrations
APPROVED

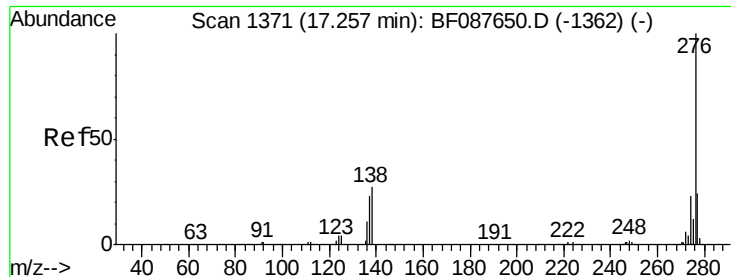
SOHIL
6/6/2016 7:24:57 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.59 ng
RT: 16.87 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF087711.D
Acq: 5 Jun 2016 16:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	15.7	23.5
279	23.9	19.4	29.2





#91
 Benzo(a,h,i)perylene
 Concen: 44.82 ng
 RT: 17.27 min Scan# 1372
 Delta R.T. 0.01 min
 Lab File: BF087711.D
 Acq: 5 Jun 2016 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MS

Tot Ion:	276	Resp:	658325
Ion Ratio		Lower	Upper
276	100		
277	23.6	18.9	28.3
138	26.3	21.4	32.2

Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:24:57 PM

