

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
 Data File : BF091897.D
 Acq On : 22 Dec 2016 20:21
 Operator : UM/SJ
 Sample : H6068-05MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-5MS

Manual Integrations
 APPROVED

SOHIL
 12/23/2016 5:54:20 PM

Quant Time: Dec 23 15:21:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 15:14:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	187138	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	703922	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	327247	20.00	ng	0.01
63) Phenanthrene-d10	11.28	188	437850	20.00	ng	0.01
75) Chrysene-d12	13.91	240	312607	20.00	ng	0.00
86) Perylene-d12	15.30	264	324580	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1719814	153.45	ng	0.07
7) Phenol-d6	6.46	99	2133005	155.88	ng	0.06
23) Nitrobenzene-d5	7.32	82	1302210	102.87	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	289621	106.94	ng	0.01
44) 2-Fluorobiphenyl	9.13	172	1899349	124.99	ng	0.01
78) Terphenyl-d14	12.87	244	1248285	96.84	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	239539	43.41	ng	97
3) Pyridine	3.07	79	470419	24.43	ng	97
4) n-Nitrosodimethylamine	3.04	42	320949	44.18	ng	90
6) Aniline	6.43	93	529297	29.78	ng	# 42
8) 2-Chlorophenol	6.57	128	592038	46.44	ng	85
9) Benzaldehyde	6.29	77	99321	9.88	ng	91
10) Phenol	6.48	94	853426	54.73	ng	# 68
11) bis(2-Chloroethyl)ether	6.50	93	652399	52.59	ng	98
12) 1,3-Dichlorobenzene	6.69	146	648101	47.62	ng	# 92
13) 1,4-Dichlorobenzene	6.77	146	665891	48.07	ng	98
14) 1,2-Dichlorobenzene	6.92	146	542092	45.10	ng	95
15) Benzyl Alcohol	6.92	79	531255	49.97	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	900952	48.76	ng	98
17) 2-Methylphenol	7.06	107	482658	47.07	ng	98
18) Hexachloroethane	7.26	117	243711	47.45	ng	95
19) n-Nitroso-di-n-propylamine	7.18	70	532663	58.51	ng	# 90
20) 3+4-Methylphenols	7.22	107	696171	56.93	ng	# 73
22) Acetophenone	7.17	105	908257	52.31	ng	# 92
24) Nitrobenzene	7.34	77	652585	48.40	ng	97
25) Isophorone	7.58	82	1245244	53.32	ng	# 93
26) 2-Nitrophenol	7.66	139	248662	37.40	ng	# 87
27) 2,4-Dimethylphenol	7.73	122	565184	51.25	ng	99
28) bis(2-Chloroethoxy)methane	7.80	93	806587	56.95	ng	97
29) 2,4-Dichlorophenol	7.93	162	459446	49.20	ng	89
30) 1,2,4-Trichlorobenzene	7.98	180	502604	49.12	ng	# 94
31) Naphthalene	8.06	128	1619889	50.28	ng	99
32) Benzoic acid	7.84	122	52095	6.37	ng	93
33) 4-Chloroaniline	8.12	127	438257	30.17	ng	95
34) Hexachlorobutadiene	8.18	225	284542	52.68	ng	99
35) Caprolactam	8.48	113	215885	70.35	ng	# 1
36) 4-Chloro-3-methylphenol	8.64	107	483128	44.96	ng	96
37) 2-Methylnaphthalene	8.76	142	1078004	66.77	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	409799	49.56	ng	98
40) Hexachlorocyclopentadiene	8.91	237	183185	51.25	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
 Data File : BF091897.D
 Acq On : 22 Dec 2016 20:21
 Operator : UM/SJ
 Sample : H6068-05MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-5MS

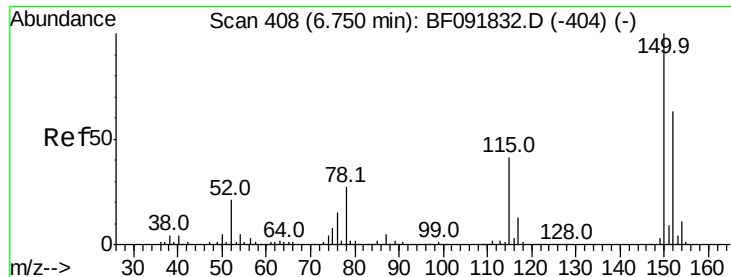
Manual Integrations
 APPROVED

SOHIL
 12/23/2016 5:54:20 PM

Quant Time: Dec 23 15:21:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 15:14:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	262071	45.32	nq	98
43) 2,4,5-Trichlorophenol	9.10	196	223061	37.49	nq #	82
45) 1,1'-Biphenyl	9.22	154	1141159	50.93	nq	97
46) 2-Chloronaphthalene	9.24	162	872399	49.16	nq #	91
47) 2-Nitroaniline	9.36	65	319742	50.61	nq	86
48) Acenaphthylene	9.66	152	1361595	49.89	nq	100
49) Dimethylphthalate	9.53	163	1095829	52.36	nq	98
50) 2,6-Dinitrotoluene	9.60	165	212250	46.33	nq	93
51) Acenaphthene	9.84	154	865100	46.76	nq	99
52) 3-Nitroaniline	9.77	138	247841	43.72	nq #	97
53) 2,4-Dinitrophenol	9.87	184	6548	2.57	nq #	1
54) Dibenzofuran	10.01	168	1166759	46.70	nq	98
55) 4-Nitrophenol	9.97	139	211790m	55.02	nq	
56) 2,4-Dinitrotoluene	10.00	165	248947	43.30	nq #	91
57) Fluorene	10.35	166	920495	50.64	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	162898	34.61	nq #	87
59) Diethylphthalate	10.22	149	989799	48.69	nq	99
60) 4-Chlorophenyl-phenylether	10.34	204	384271	48.28	nq	96
61) 4-Nitroaniline	10.38	138	214447	36.50	nq	95
62) Azobenzene	10.50	77	1063267	47.51	nq	98
64) 4,6-Dinitro-2-methylphenol	10.41	198	7868	2.97	nq #	1
65) n-Nitrosodiphenylamine	10.46	169	794132	61.12	nq	95
66) 4-Bromophenyl-phenylether	10.83	248	255850	56.17	nq	95
67) Hexachlorobenzene	10.90	284	243197	49.95	nq #	93
68) Atrazine	10.99	200	244176	58.26	nq	97
69) Pentachlorophenol	11.10	266	147352	61.68	nq	99
70) Phenanthrene	11.31	178	1156486	48.71	nq	99
71) Anthracene	11.36	178	1168707	65.83	nq	99
72) Carbazole	11.52	167	912511	41.48	nq	98
73) Di-n-butylphthalate	11.85	149	1476826	67.72	nq	98
74) Fluoranthene	12.49	202	1081224	52.55	nq	95
76) Benzidine	12.61	184	209290	23.03	nq	96
77) Pyrene	12.72	202	1128738	49.21	nq	98
79) Butylbenzylphthalate	13.33	149	505177	48.43	nq	99
80) Benzo(a)anthracene	13.89	228	854555	48.43	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	268825	40.17	nq #	95
82) Chrysene	13.94	228	873866	49.37	nq	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	698917	56.89	nq	99
84) Di-n-octyl phthalate	14.51	149	1262588	55.48	nq	99
85) Indeno(1,2,3-cd)pyrene	16.65	276	779315	50.82	nq	98
87) Benzo(b)fluoranthene	14.91	252	1215215m	60.13	nq	
88) Benzo(k)fluoranthene	14.95	252	592547m	34.39	nq	
89) Benzo(a)pyrene	15.25	252	853515	47.59	nq #	96
90) Dibenzo(a,h)anthracene	16.66	278	656997	44.57	nq	98
91) Benzo(g,h,i)perylene	17.05	276	617540	40.28	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Instrument :

BNA_F

ClientSampled :

B-5MS

Tot Ion:152 Resp: 187138

Ion Ratio Lower Upper

152 100

150 158.5 124.9 187.3

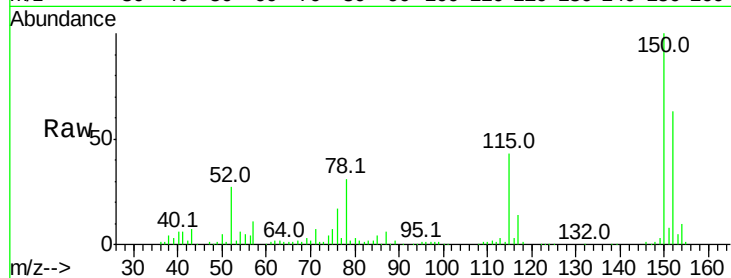
115 67.5 46.0 69.0

Manual Integrations

APPROVED

SOHIL

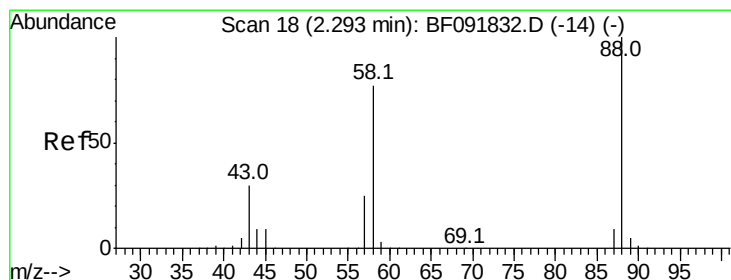
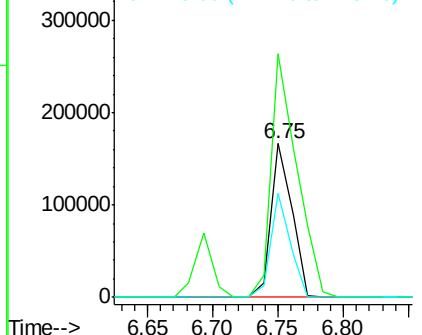
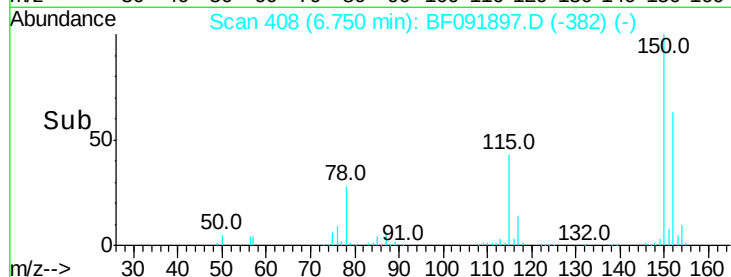
12/23/2016 5:54:20 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 43.41 ng

RT: 2.38 min Scan# 26

Delta R.T. 0.09 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

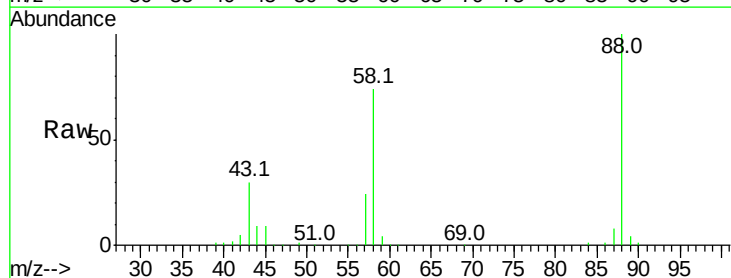
Tgt Ion: 88 Resp: 239539

Ion Ratio Lower Upper

88 100

58 74.0 57.8 86.8

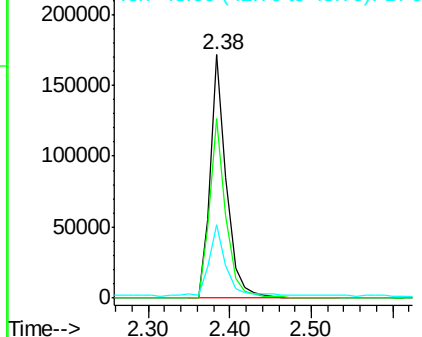
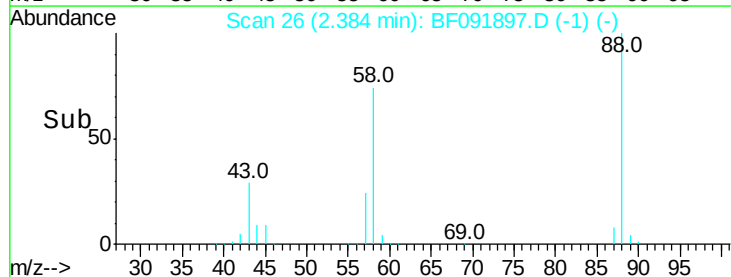
43 30.8 22.3 33.5

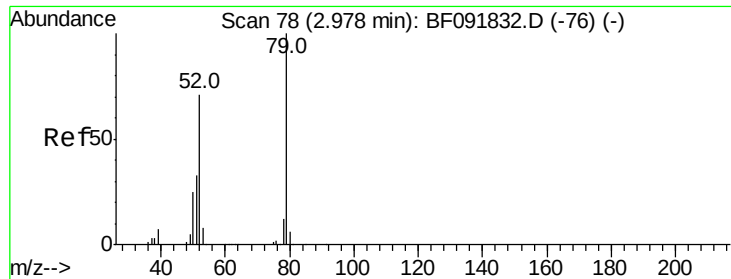


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





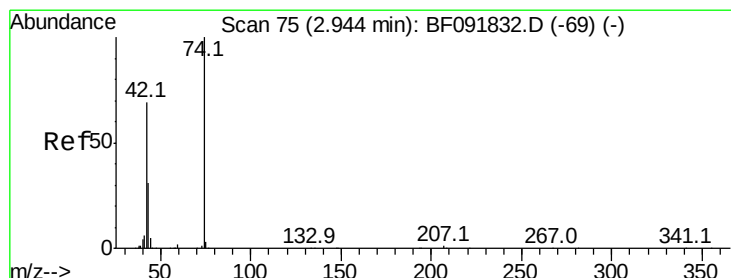
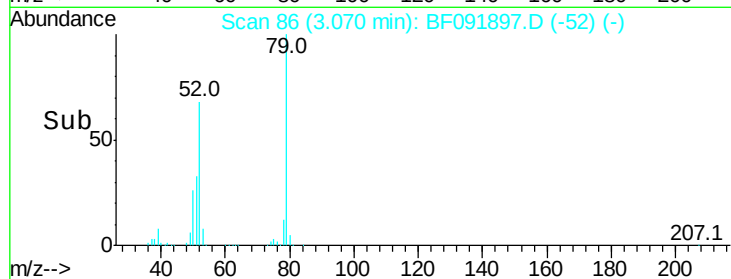
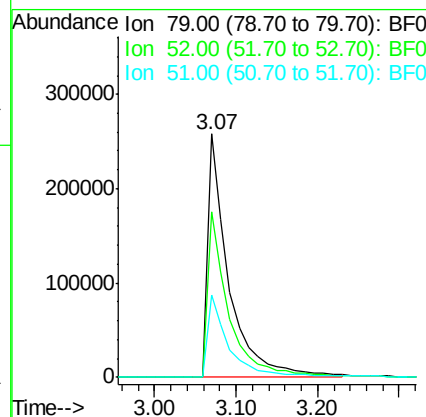
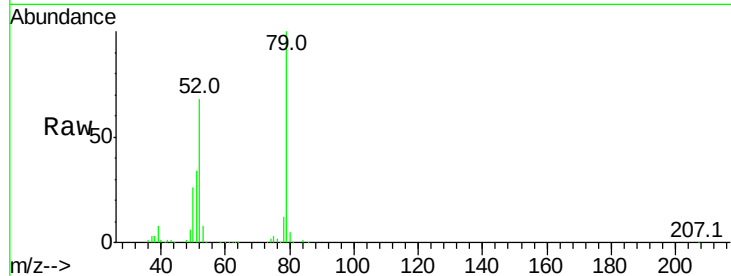
#3
 Pvridine
 Concen: 24.43 ng
 RT: 3.07 min Scan# 86
 Delta R.T. 0.09 min
 Lab File: BF091897.D
 Acq: 22 Dec 2016 20:21

Instrument :
 BNA_F
 ClientSampleId :
 B-5MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.1	57.1	85.7
51	33.6	27.3	40.9

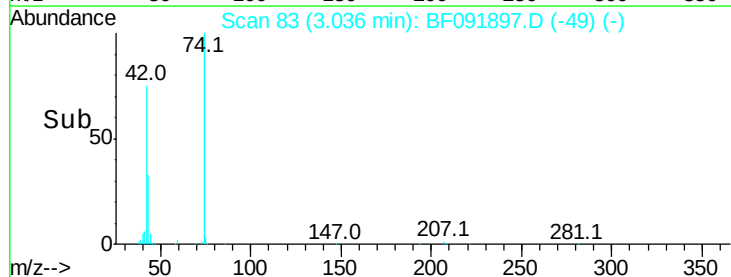
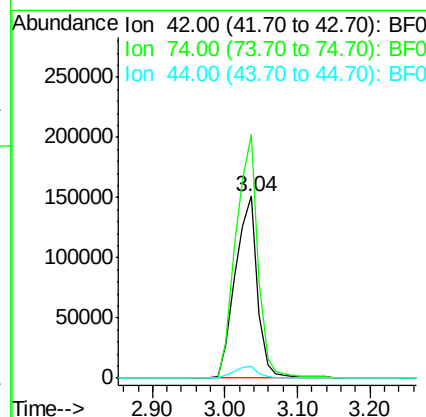
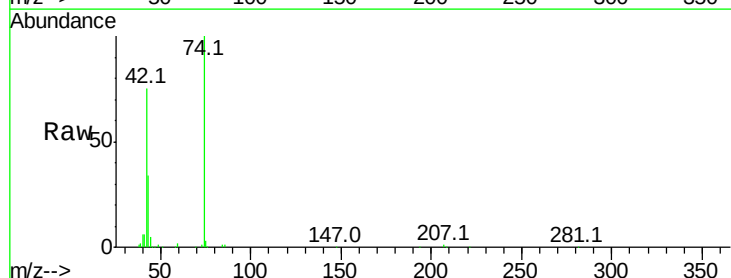
Manual Integrations
 APPROVED

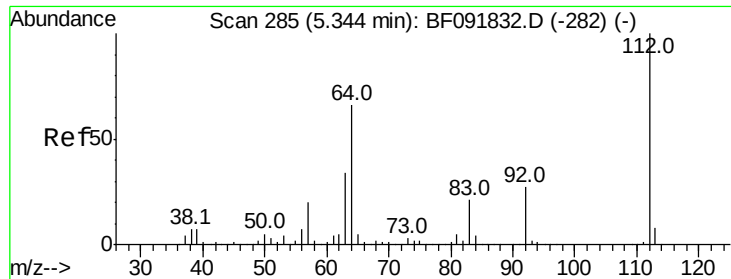
SOHIL
 12/23/2016 5:54:20 PM



#4
 n-Nitrosodimethylamine
 Concen: 44.18 ng
 RT: 3.04 min Scan# 83
 Delta R.T. 0.09 min
 Lab File: BF091897.D
 Acq: 22 Dec 2016 20:21

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.8	117.0	175.4
44	6.6	5.5	8.3





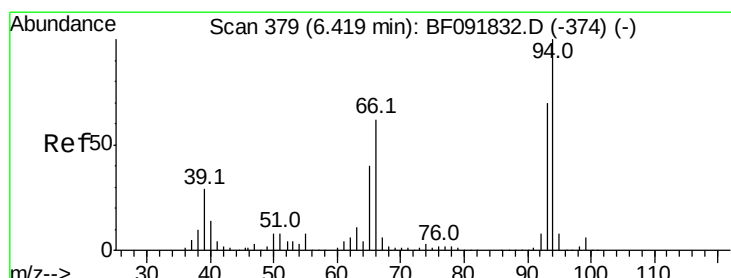
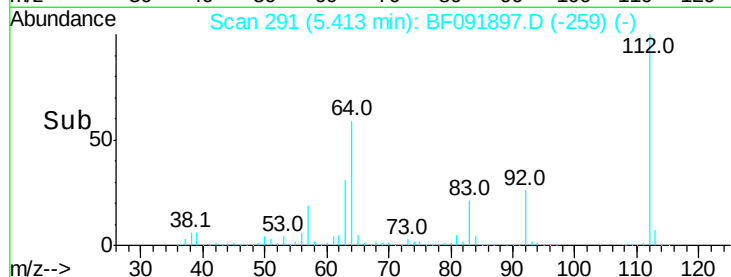
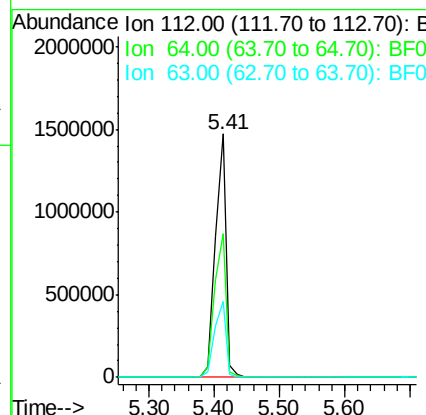
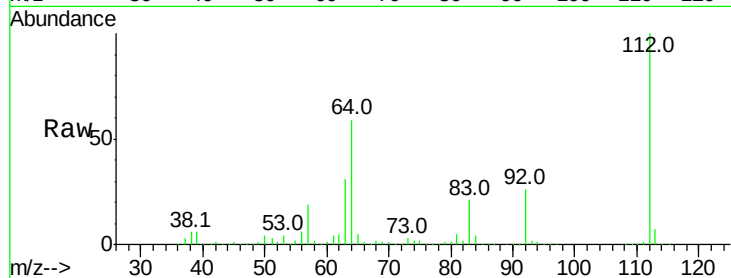
#5
2-Fluorophenol
Concen: 153.45 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.07 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Instrument :
BNA_F
ClientSampled :
B-5MS

Tot Ion:112 Resp: 1719814
Ion Ratio Lower Upper
112 100
64 59.3 46.1 69.1
63 31.4 23.8 35.6

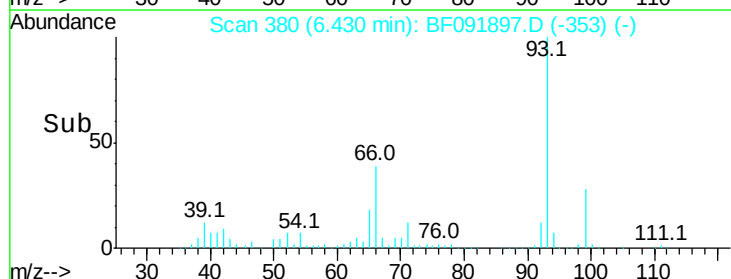
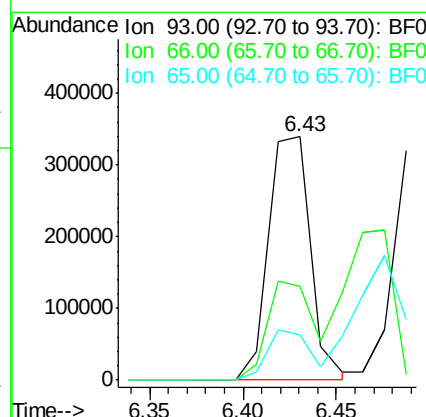
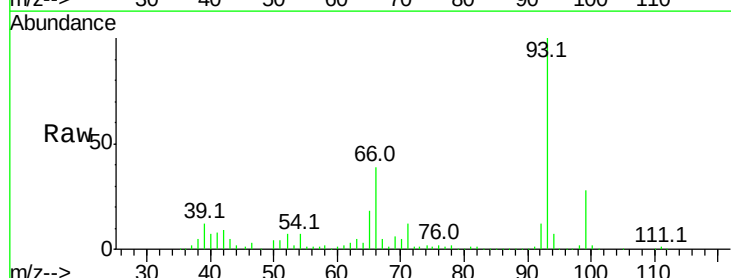
Manual Integrations
APPROVED

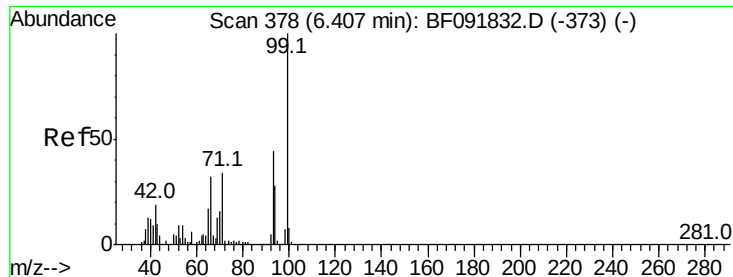
SOHIL
12/23/2016 5:54:20 PM



#6
Aniline
Concen: 29.78 ng
RT: 6.43 min Scan# 380
Delta R.T. 0.01 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Tgt Ion: 93 Resp: 529297
Ion Ratio Lower Upper
93 100
66 38.6 76.2 114.2#
65 18.3 49.3 73.9#





#7

Phenol-d6

Concen: 155.88 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.06 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Instrument :

BNA_F

ClientSampled :

B-5MS

Tot Ion: 99 Resp: 2133005

Ion Ratio Lower Upper

99 100

42 17.3 15.6 23.4

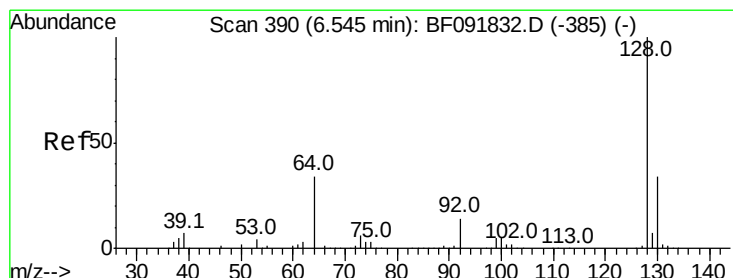
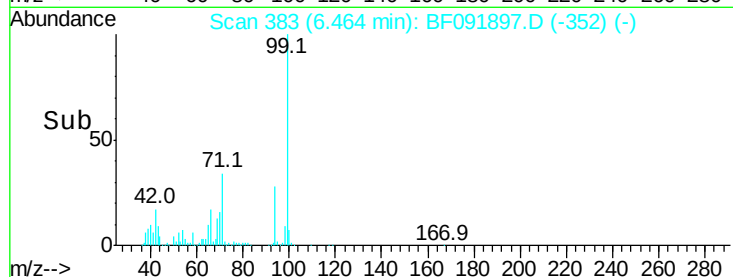
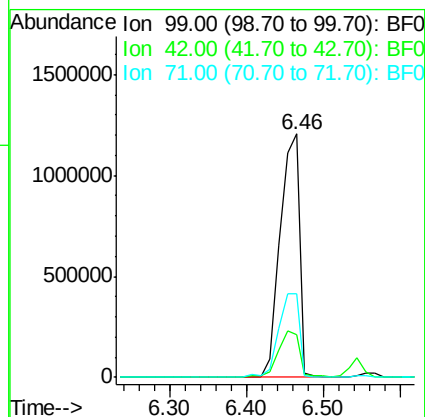
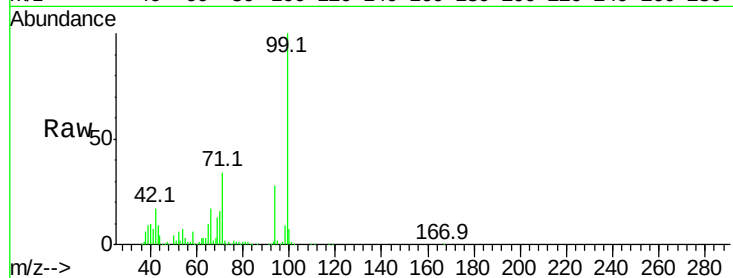
71 34.2 27.5 41.3

Manual Integrations

APPROVED

SOHIL

12/23/2016 5:54:20 PM



#8

2-Chlorophenol

Concen: 46.44 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.02 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

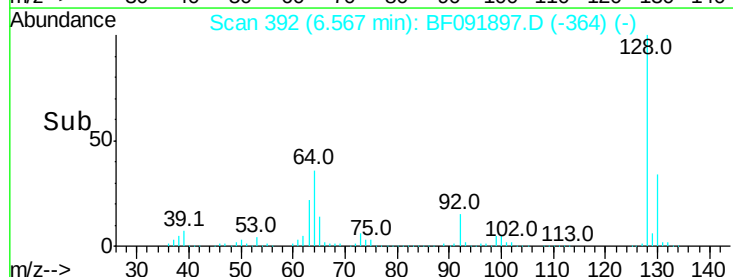
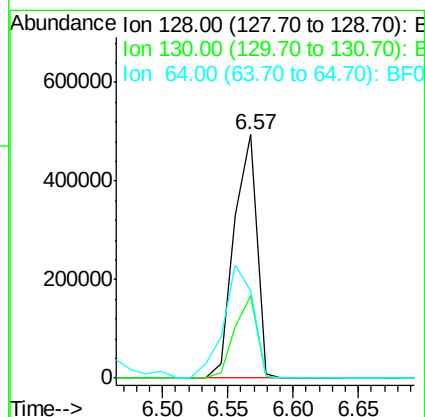
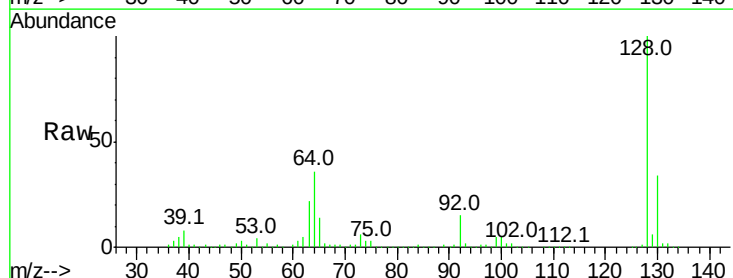
Tgt Ion: 128 Resp: 592038

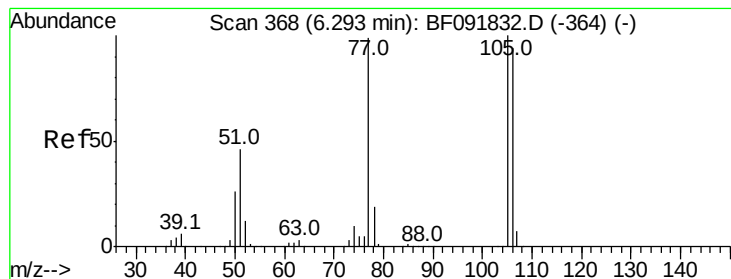
Ion Ratio Lower Upper

128 100

130 33.7 12.3 52.3

64 36.1 32.2 72.2





#9

Benzaldehyde

Concen: 9.88 ng

RT: 6.29 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Instrument :

BNA_F

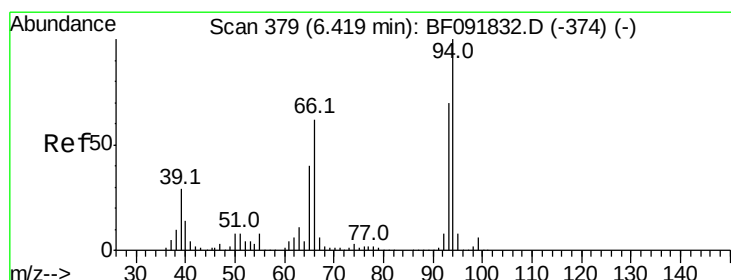
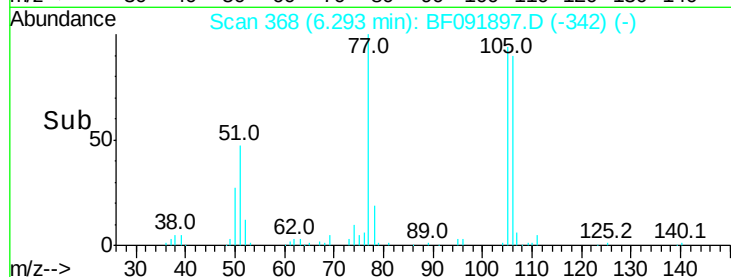
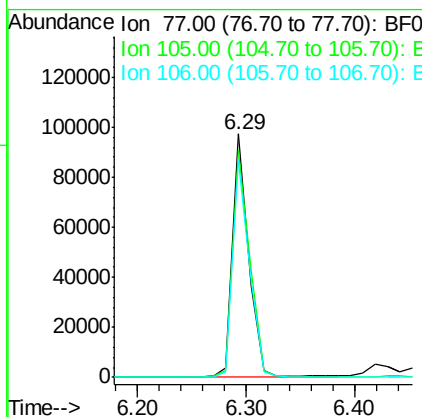
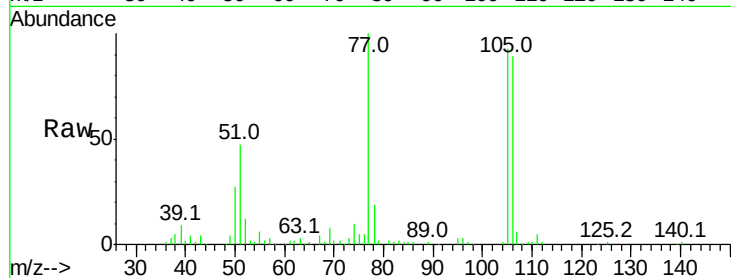
ClientSampleId :

B-5MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	93.5	83.9	123.9
106	89.2	77.6	117.6

Manual Integrations
APPROVED

SOHIL
12/23/2016 5:54:20 PM



#10

Phenol

Concen: 54.73 ng

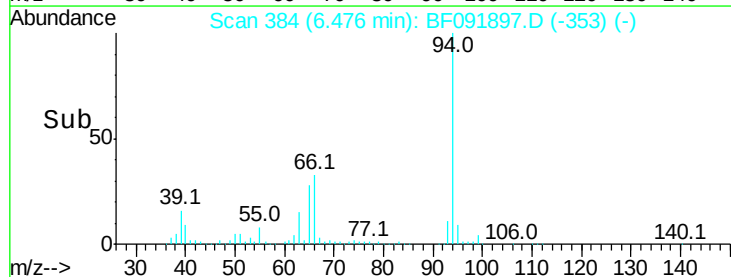
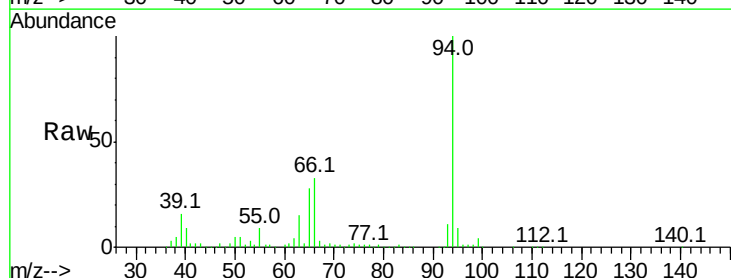
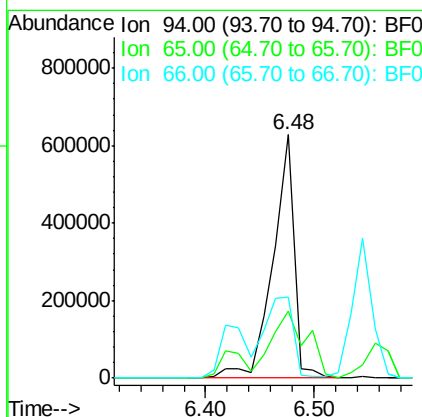
RT: 6.48 min Scan# 384

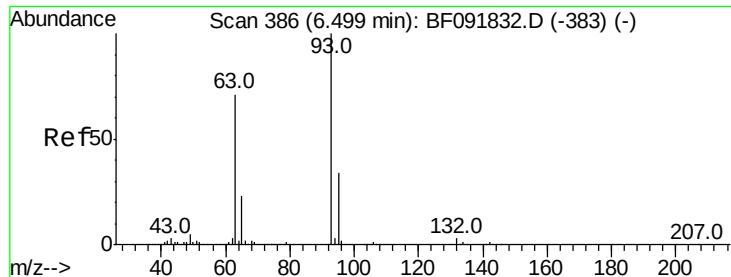
Delta R.T. 0.06 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.6	21.4	61.4
66	33.4	44.0	84.0#





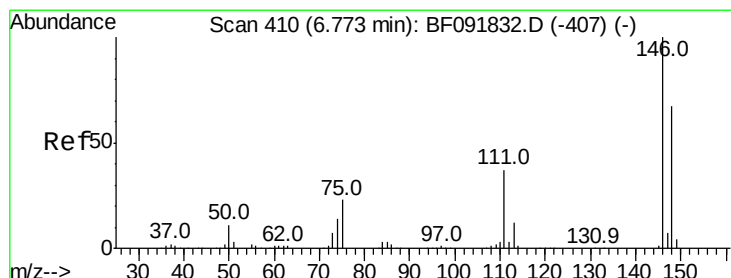
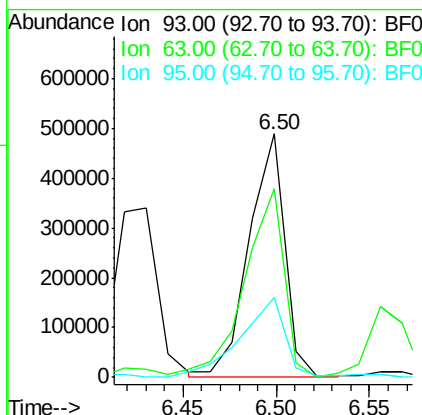
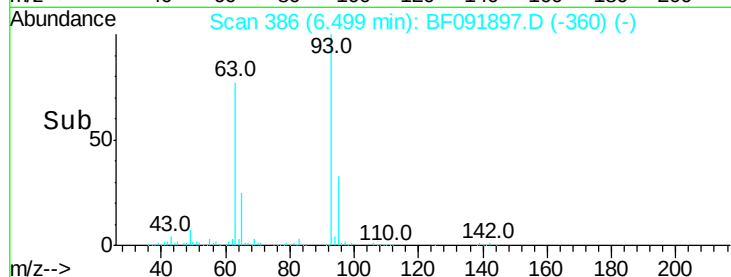
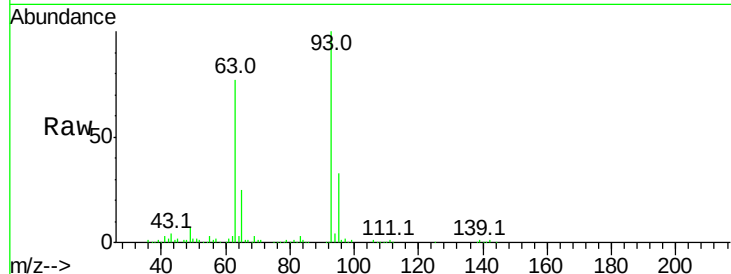
#11
bis(2-Chloroethyl)ether
Concen: 52.59 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.00 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Instrument :
BNA_F
ClientSampleId :
B-5MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.4	60.4	100.4
95	33.0	12.8	52.8

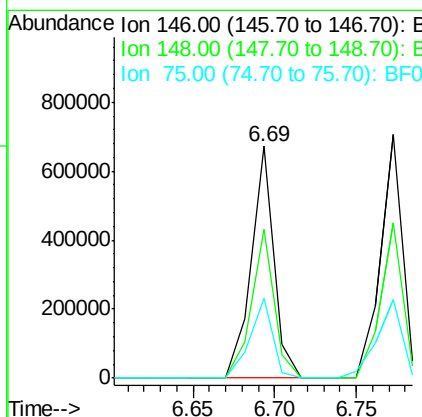
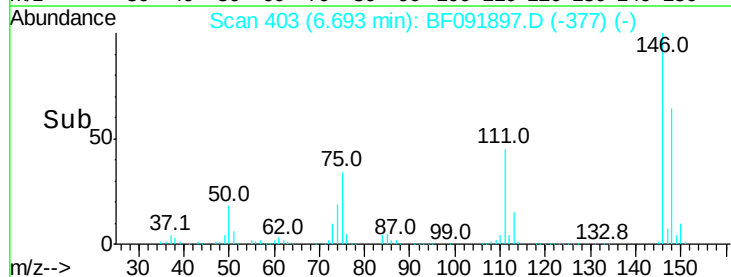
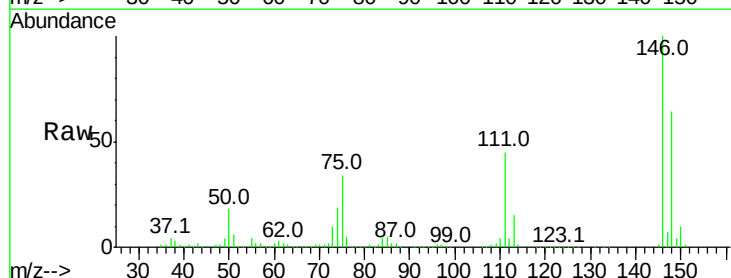
Manual Integrations
APPROVED

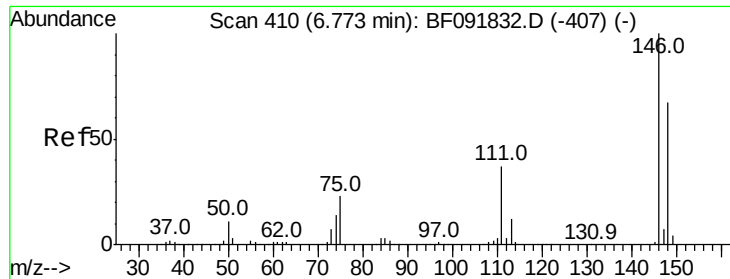
SOHIL
12/23/2016 5:54:20 PM



#12
1,3-Dichlorobenzene
Concen: 47.62 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	53.4	80.0
75	34.3	18.5	27.7





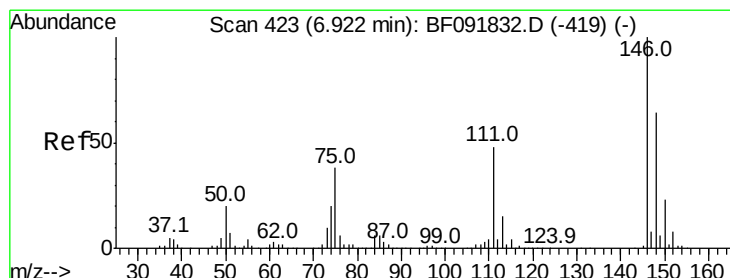
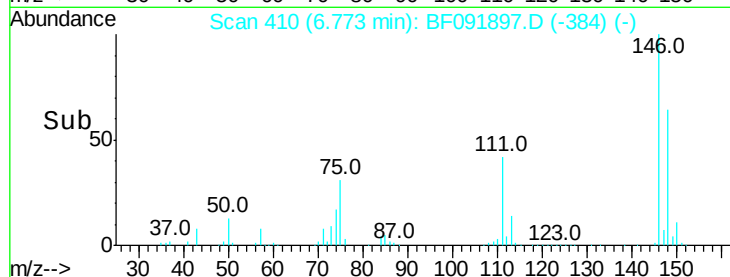
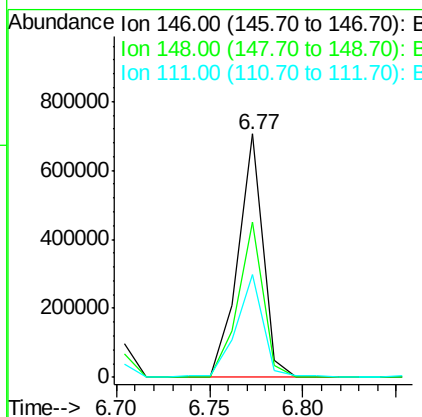
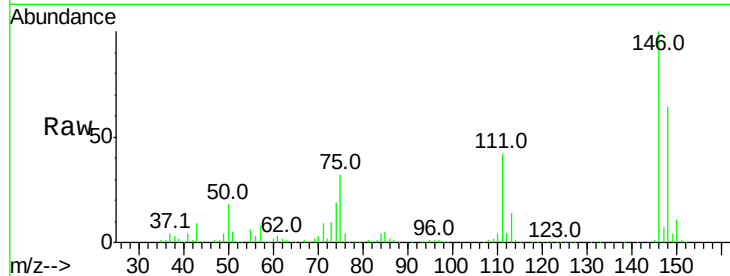
#13
 1,4-Dichlorobenzene
 Concen: 48.07 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF091897.D
 Acq: 22 Dec 2016 20:21

Instrument :
 BNA_F
 ClientSampleID :
 B-5MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	76.0
111	42.5	36.2	54.4

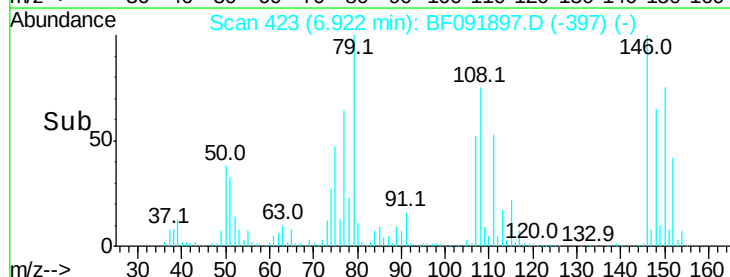
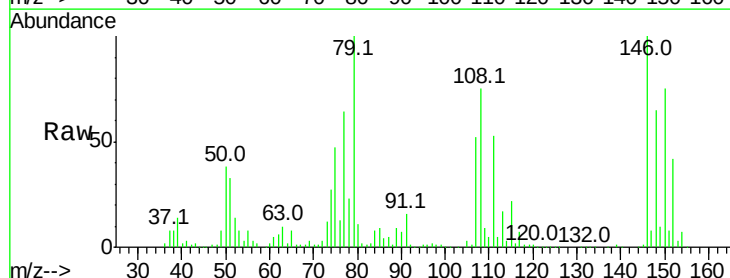
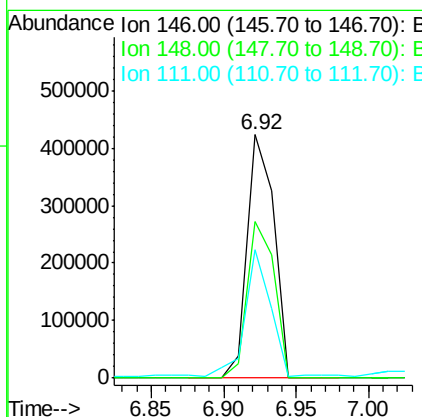
Manual Integrations
 APPROVED

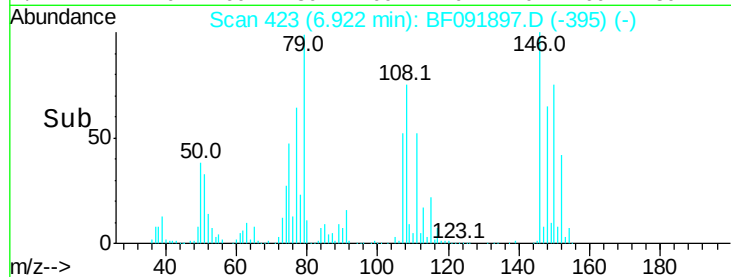
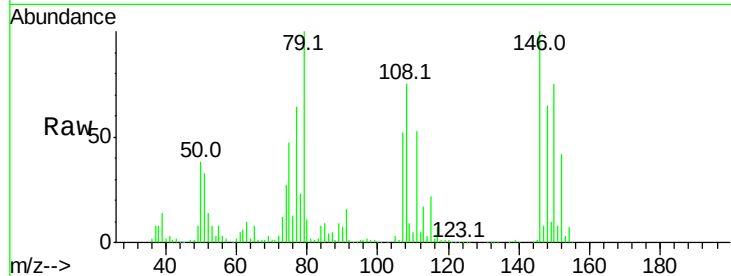
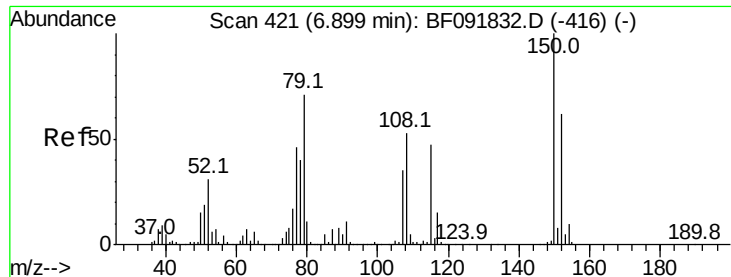
SOHIL
 12/23/2016 5:54:20 PM



#14
 1,2-Dichlorobenzene
 Concen: 45.10 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF091897.D
 Acq: 22 Dec 2016 20:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.2
111	52.8	36.2	54.2





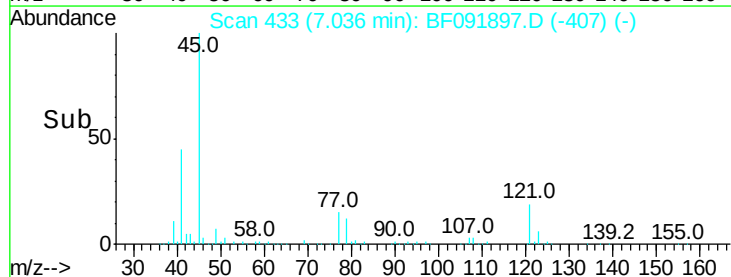
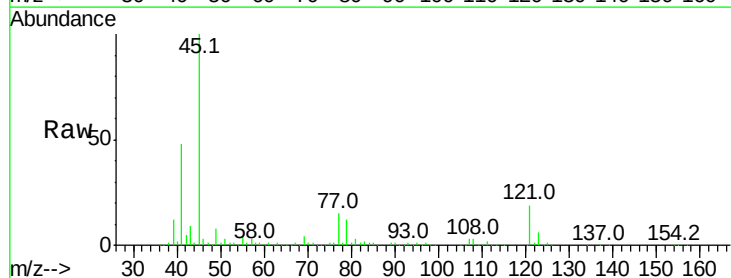
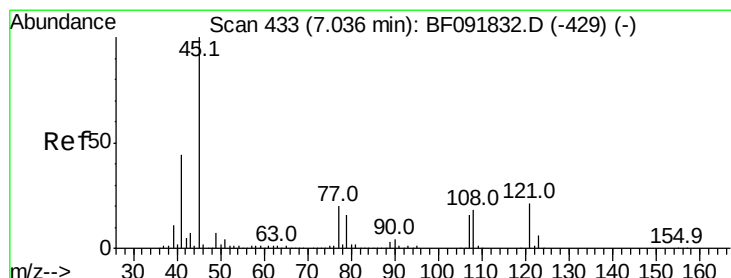
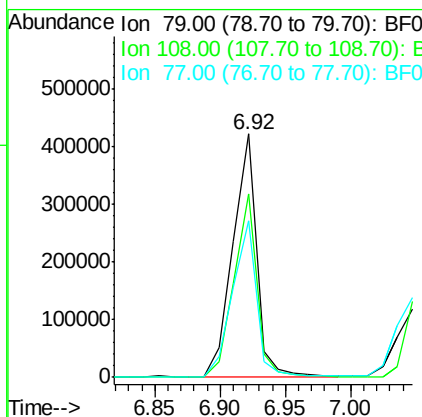
#15
Benzyl Alcohol
Concen: 49.97 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.02 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	75.3	61.4	92.0	
77	64.2	50.9	76.3	

Instrument :
BNA_F
ClientSampleId :
B-5MS

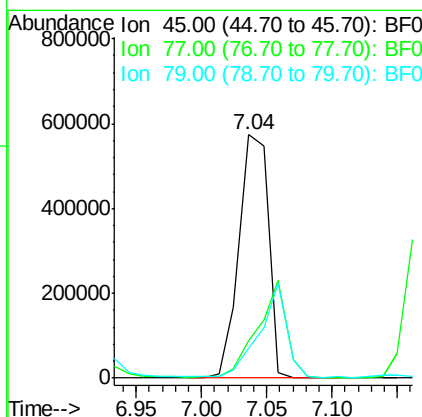
Manual Integrations
APPROVED

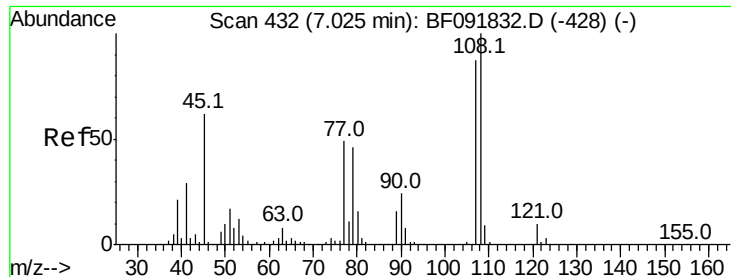
SOHIL
12/23/2016 5:54:20 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.76 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	15.4	0.0	34.6	
79	12.1	0.0	31.2	





#17

2-Methylphenol

Concen: 47.07 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.03 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Instrument :

BNA_F

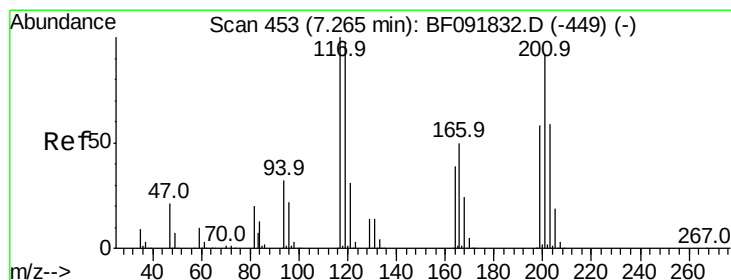
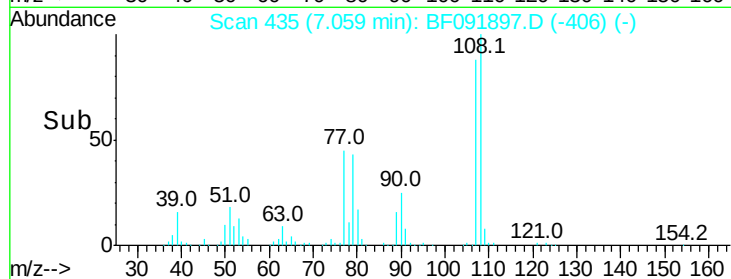
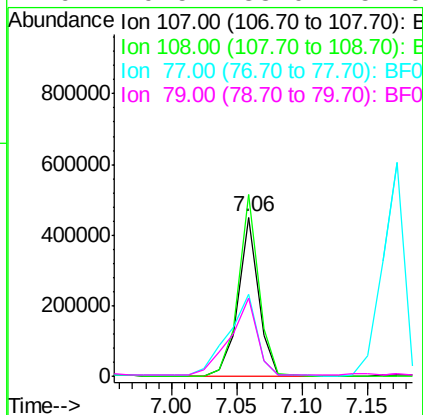
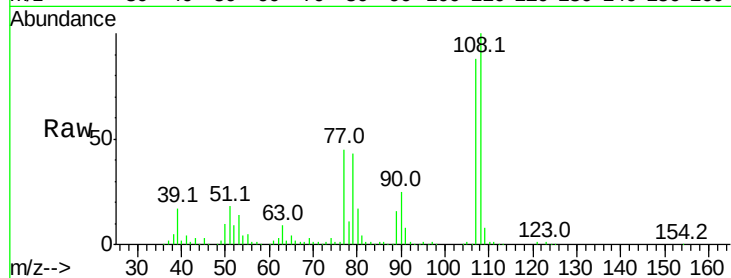
ClientSampled :

B-5MS

Tot Ion:	107	Resp:	482658
Ion Ratio	Lower	Upper	
107	100		
108	114.0	93.0	139.6
77	51.4	39.8	59.8
79	49.5	38.0	57.0

Manual Integrations
APPROVED

SOHIL
12/23/2016 5:54:20 PM



#18

Hexachloroethane

Concen: 47.45 ng

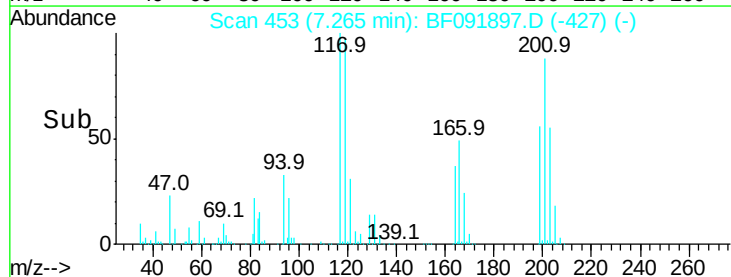
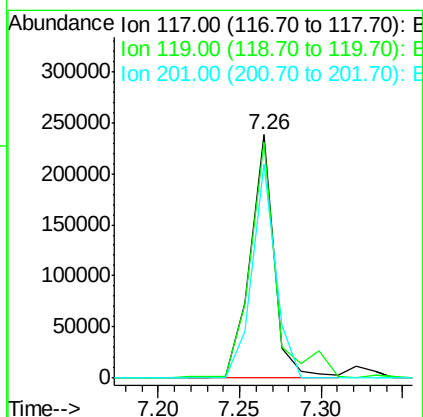
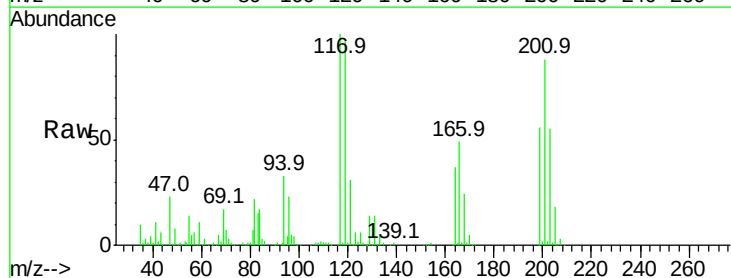
RT: 7.26 min Scan# 453

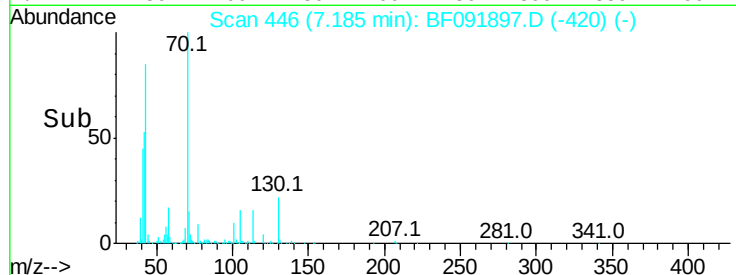
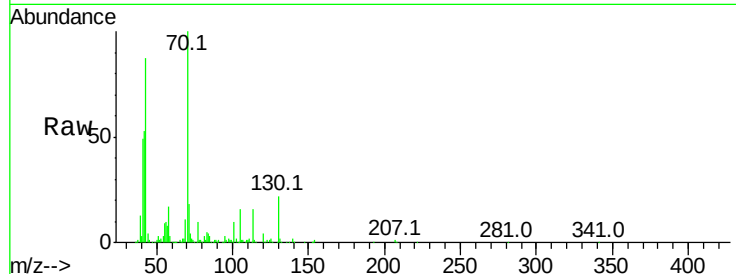
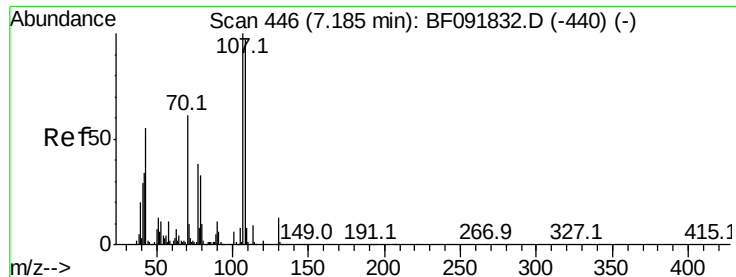
Delta R.T. -0.00 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Tgt Ion:	117	Resp:	243711
Ion Ratio	Lower	Upper	
117	100		
119	97.2	78.1	117.1
201	88.2	78.6	117.8





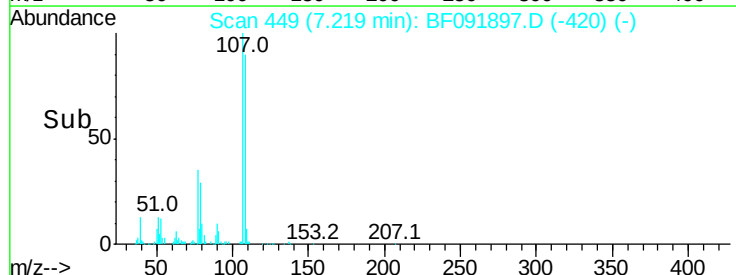
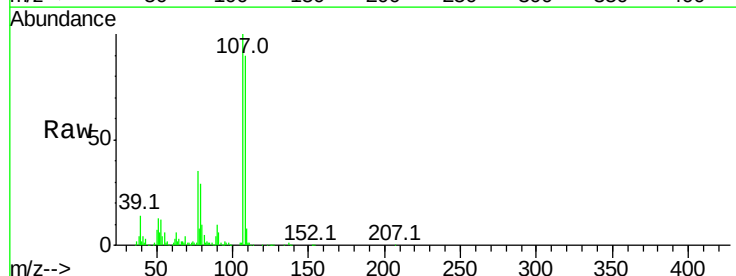
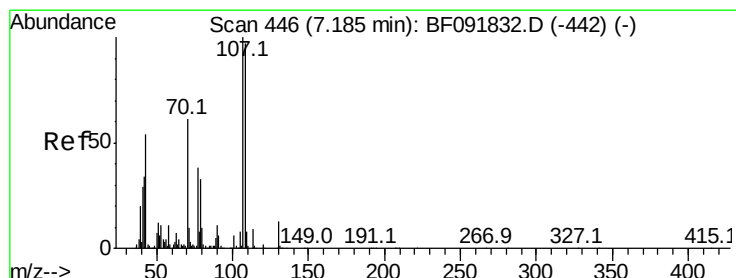
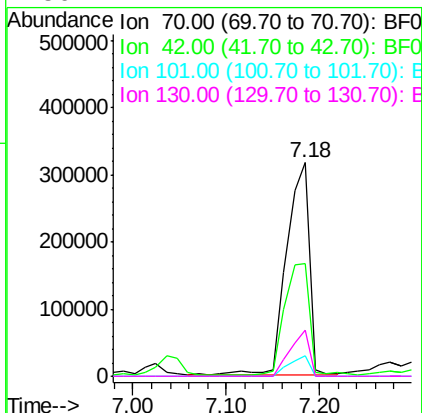
#19
n-Nitroso-di-n-propylamine
Concen: 58.51 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Instrument :
BNA_F
ClientSampleId :
B-5MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.7	49.4	74.0
101	9.6	7.4	11.2
130	21.7	14.2	21.4#

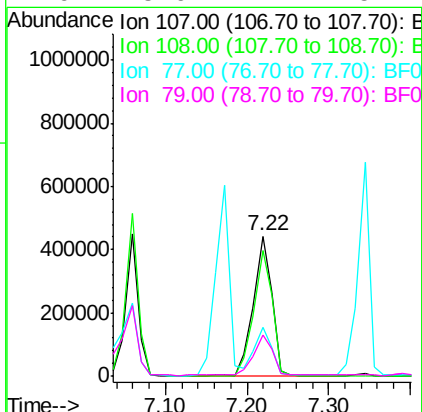
Manual Integrations
APPROVED

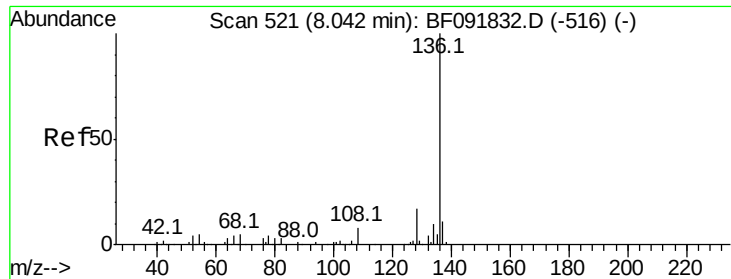
SOHIL
12/23/2016 5:54:20 PM



#20
3+4-Methylphenols
Concen: 56.93 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.03 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	73.0	113.0
77	35.0	71.3	111.3#
79	28.9	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Instrument :

BNA_F

ClientSampleId :

B-5MS

Tot Ion:136 Resp: 703922

Ion Ratio Lower Upper

136 100

137 11.8 8.4 12.6

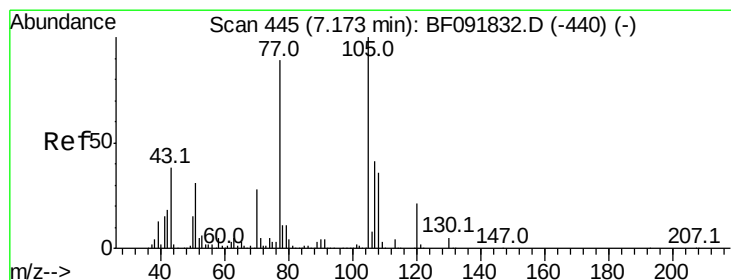
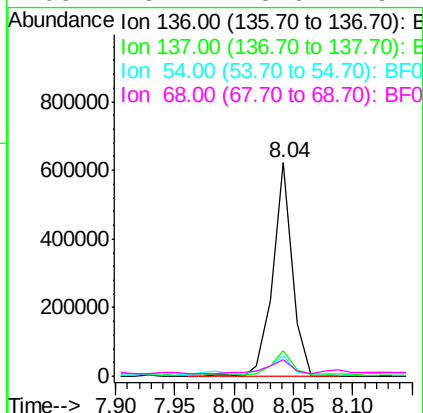
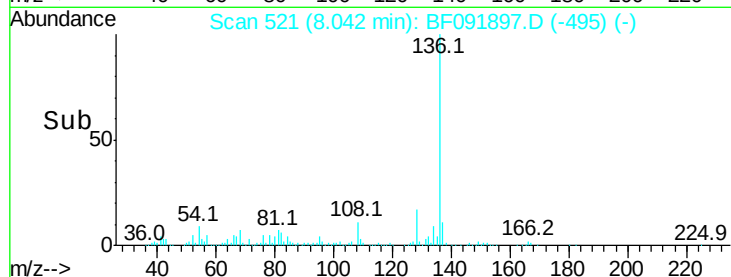
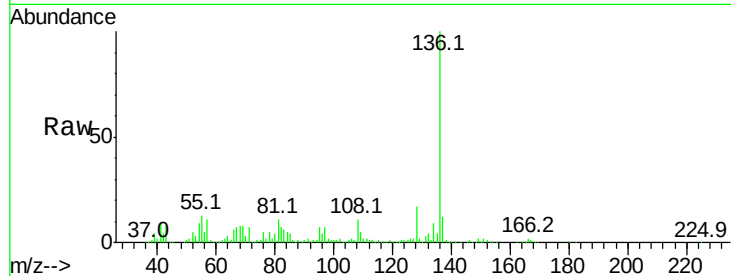
54 9.4 4.5 6.7#

68 8.1 3.6 5.4#

Manual Integrations
APPROVED

SOHIL

12/23/2016 5:54:20 PM



#22

Acetophenone

Concen: 52.31 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Tgt Ion:105 Resp: 908257

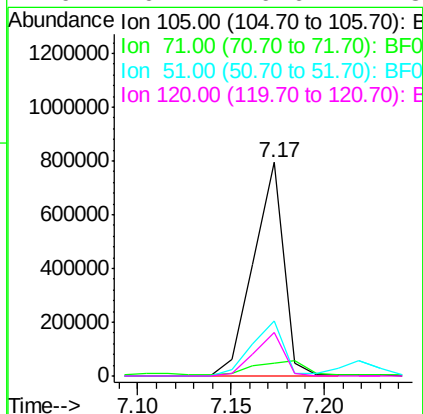
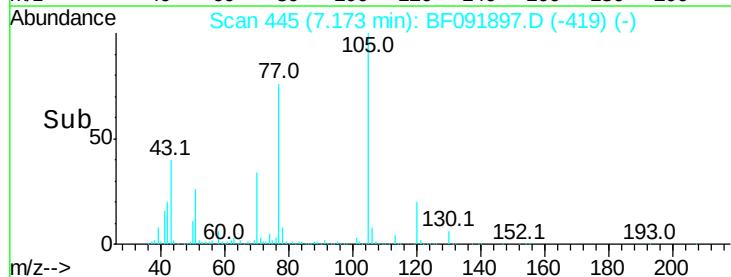
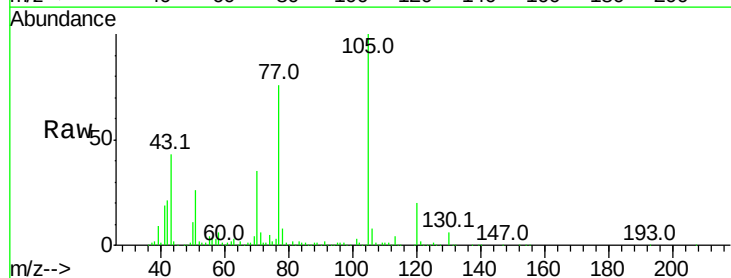
Ion Ratio Lower Upper

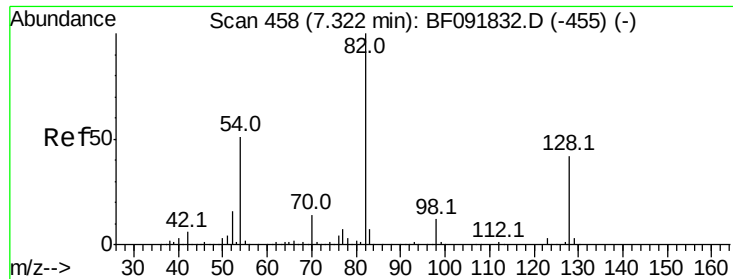
105 100

71 6.2 3.2 4.8#

51 25.9 26.2 39.4#

120 20.4 16.6 24.8





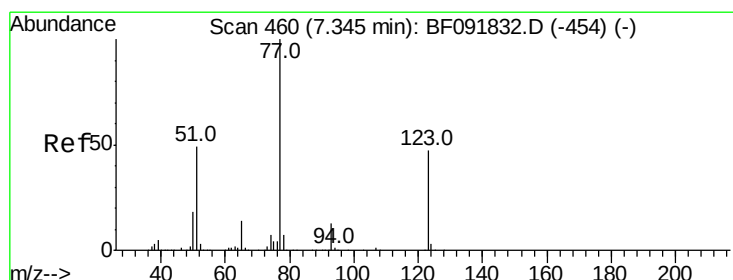
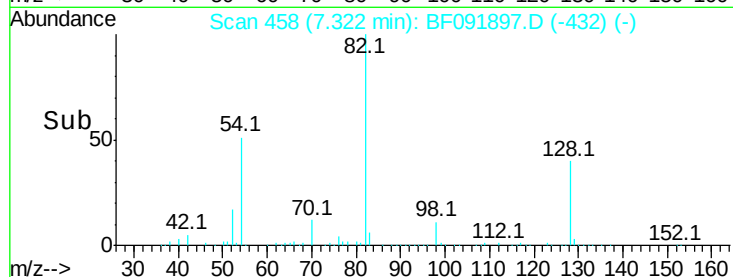
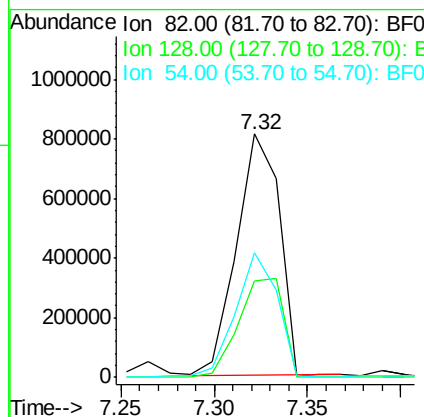
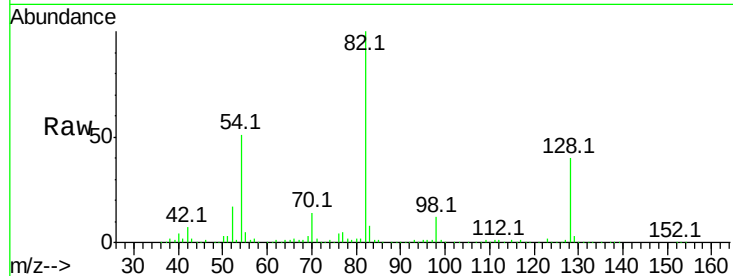
#23
Nitrobenzene-d5
Concen: 102.87 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Instrument :
BNA_F
ClientSampleId :
B-5MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.6	34.6	52.0
54	51.4	39.5	59.3

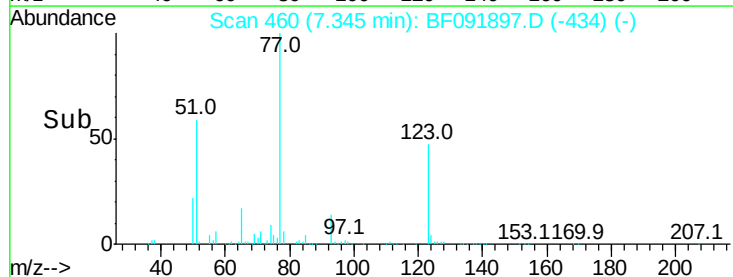
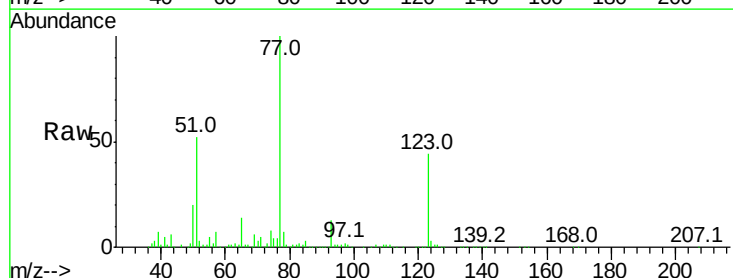
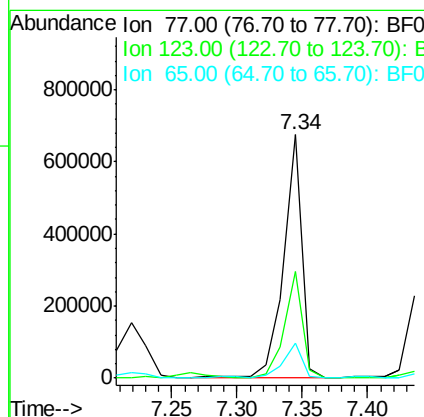
Manual Integrations
APPROVED

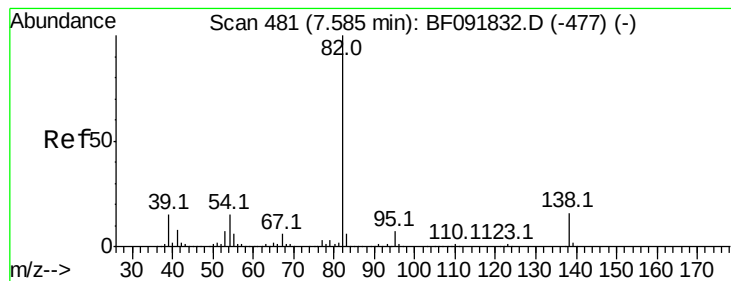
SOHIL
12/23/2016 5:54:20 PM



#24
Nitrobenzene
Concen: 48.40 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.7	33.0	49.4
65	14.3	11.2	16.8





#25

Isophorone

Concen: 53.32 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Instrument :

BNA_F

ClientSampled :

B-5MS

Tot Ion: 82 Resp: 1245244

Ion Ratio Lower Upper

82 100

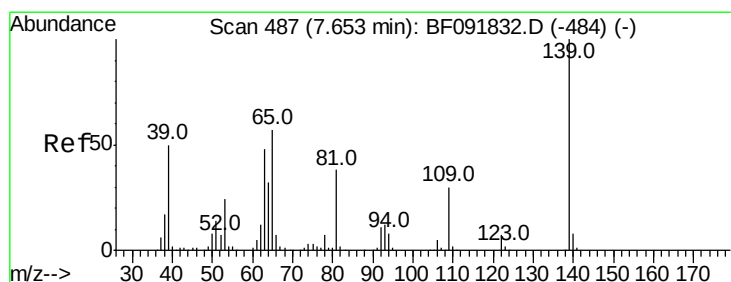
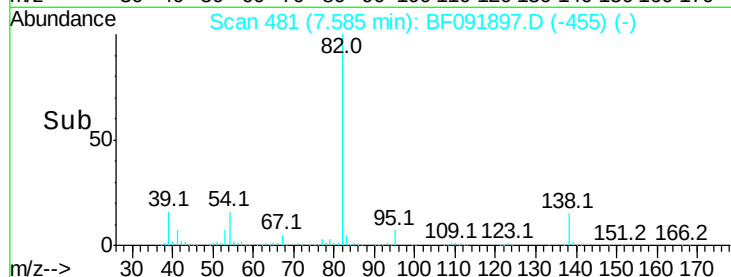
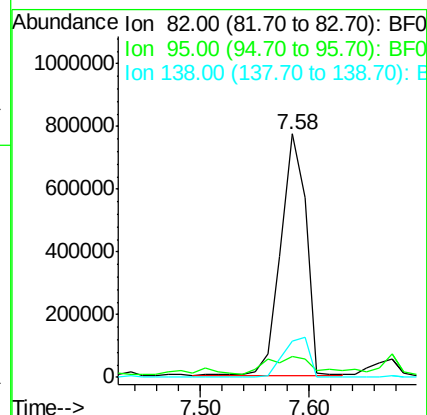
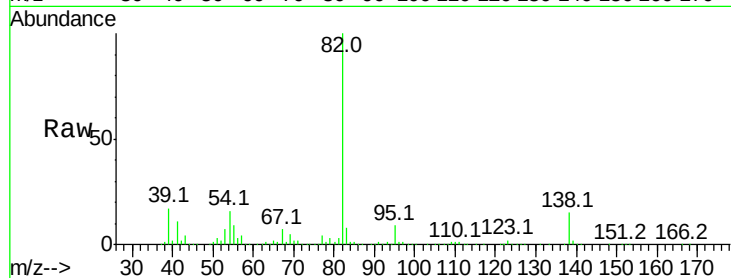
95 8.5 5.6 8.4#

138 14.7 14.6 22.0

Manual Integrations
APPROVED

SOHIL

12/23/2016 5:54:20 PM



#26

2-Nitrophenol

Concen: 37.40 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.01 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

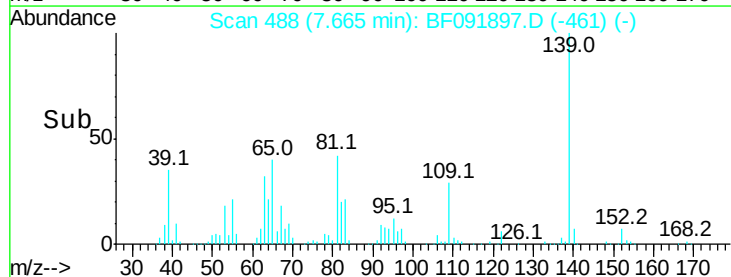
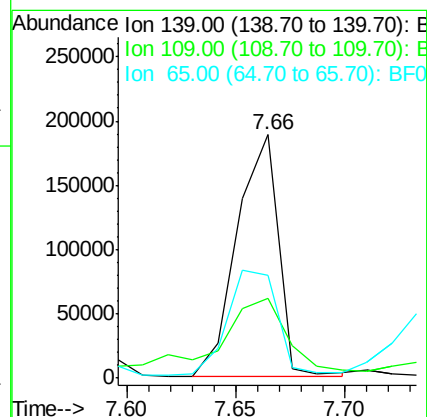
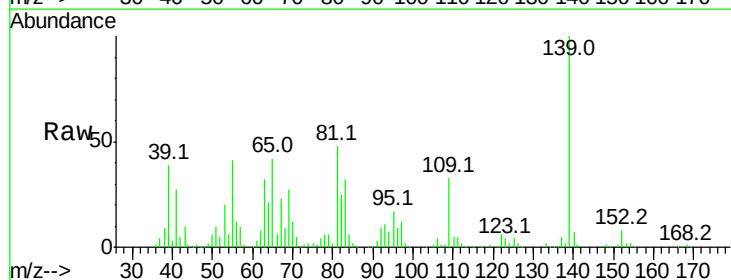
Tgt Ion: 139 Resp: 248662

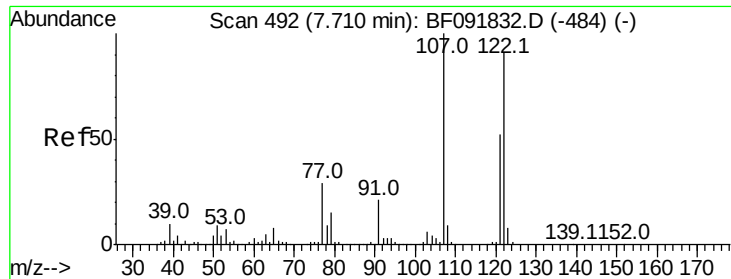
Ion Ratio Lower Upper

139 100

109 32.5 23.3 34.9

65 42.0 42.7 64.1#





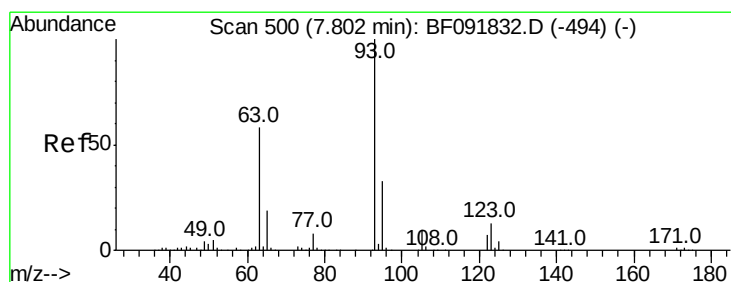
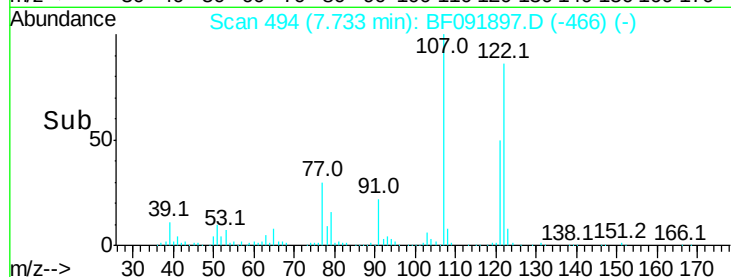
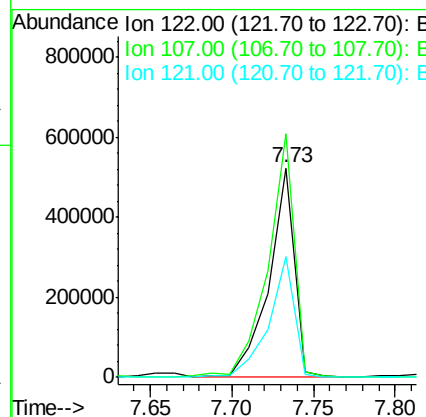
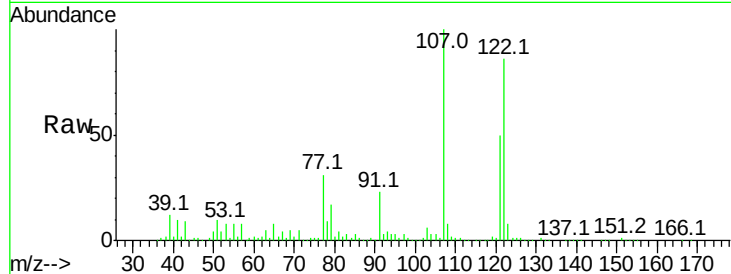
#27
2,4-Dimethylphenol
Concen: 51.25 ng
RT: 7.73 min Scan# 494
Delta R.T. 0.02 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Instrument :
BNA_F
ClientSampleId :
B-5MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	565184		
107	116.3	94.1	141.1	
121	58.0	46.0	69.0	

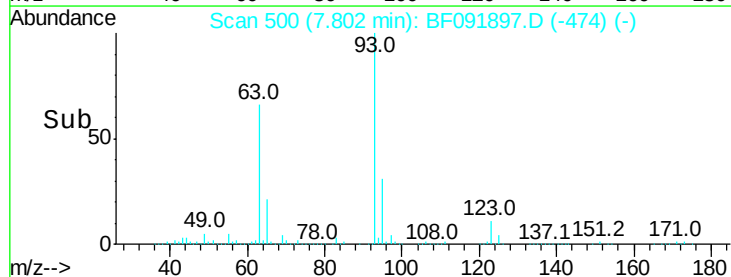
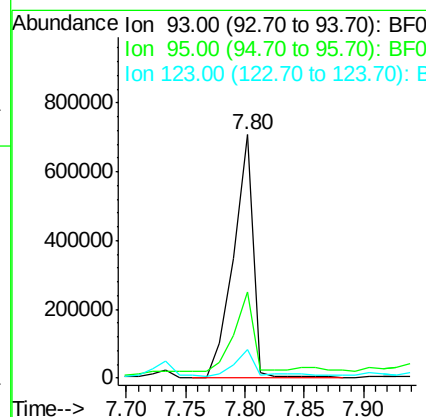
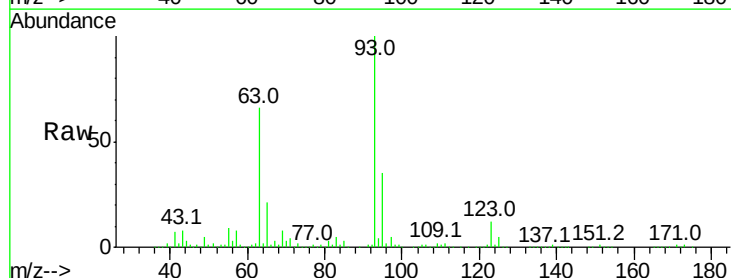
Manual Integrations
APPROVED

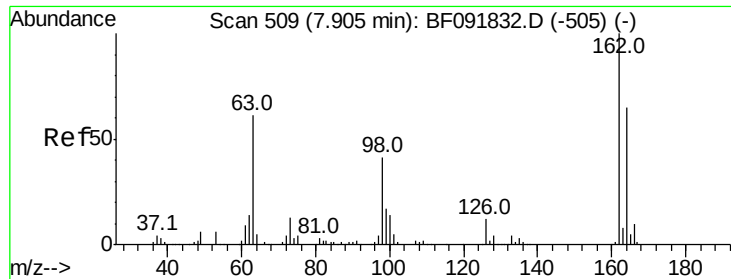
SOHIL
12/23/2016 5:54:20 PM



#28
bis(2-Chloroethoxy)methane
Concen: 56.95 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	806587		
95	35.2	26.5	39.7	
123	11.6	8.6	13.0	





#29

2,4-Dichlorophenol

Concen: 49.20 ng

RT: 7.93 min Scan# 511

Delta R.T. 0.02 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Instrument :

BNA_F

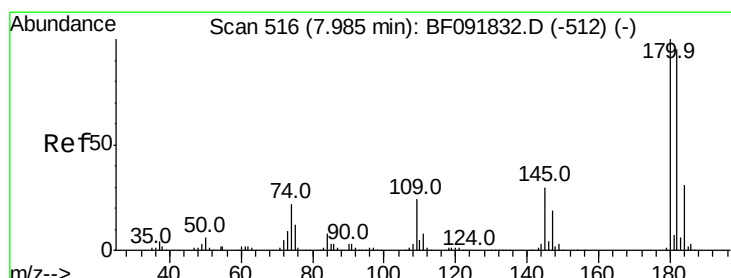
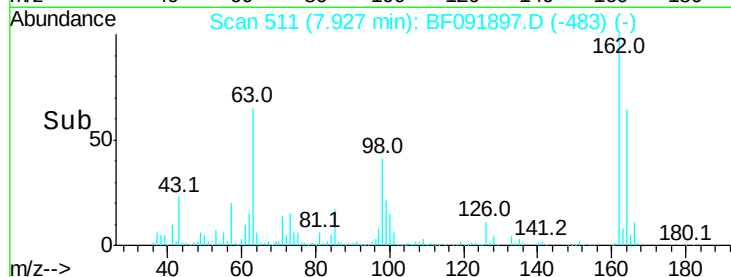
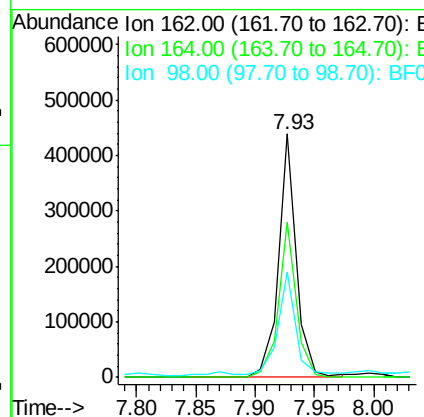
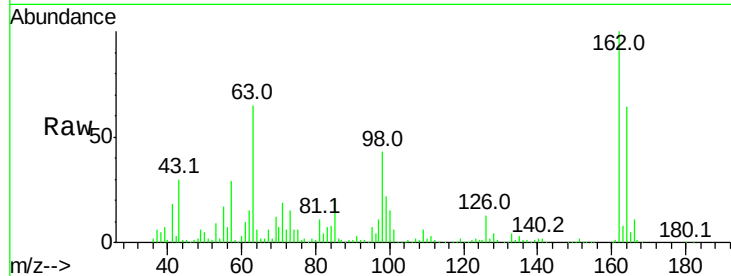
ClientSampleId :

B-5MS

Tot Ion:	162	Resp:	459446
Ion Ratio	Lower	Upper	
162	100		
164	63.8	46.8	86.8
98	43.3	9.1	49.1

Manual Integrations
APPROVED

SOHIL
12/23/2016 5:54:20 PM



#30

1,2,4-Trichlorobenzene

Concen: 49.12 ng

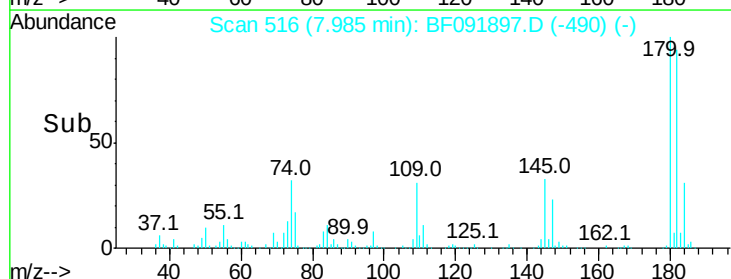
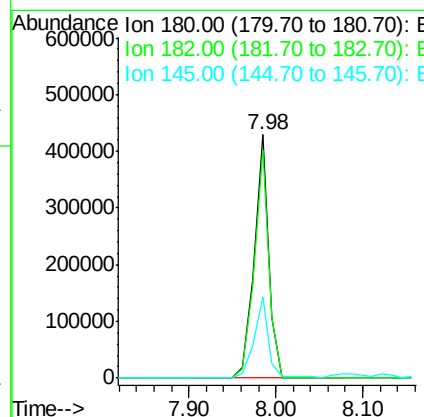
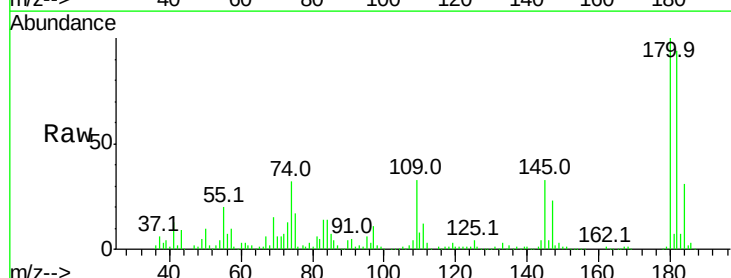
RT: 7.98 min Scan# 516

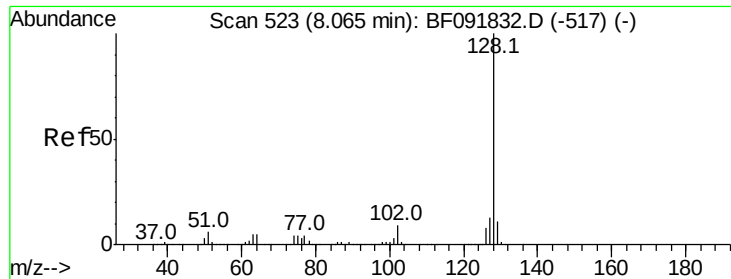
Delta R.T. -0.00 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Tgt Ion:	180	Resp:	502604
Ion Ratio	Lower	Upper	
180	100		
182	93.6	78.2	117.4
145	33.2	21.6	32.4#





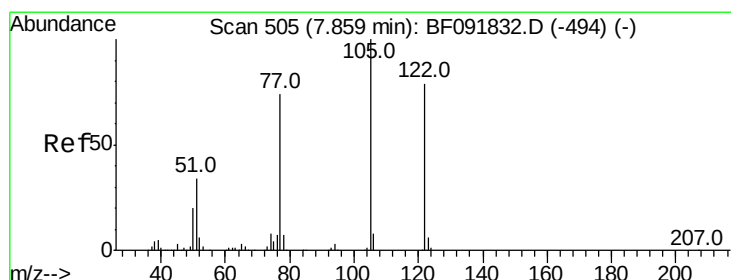
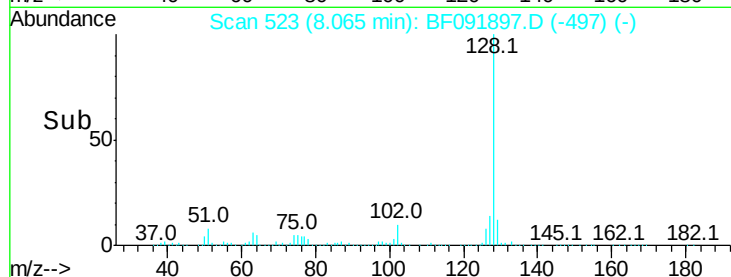
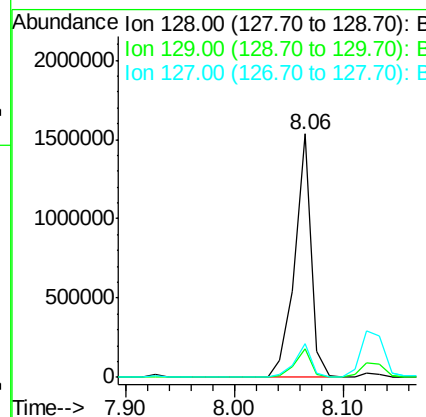
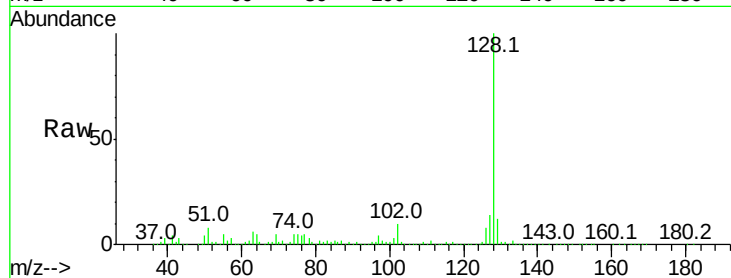
#31
Naphthalene
Concen: 50.28 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Instrument :
BNA_F
ClientSampleId :
B-5MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.5	14.3
127	13.8	10.8	16.2

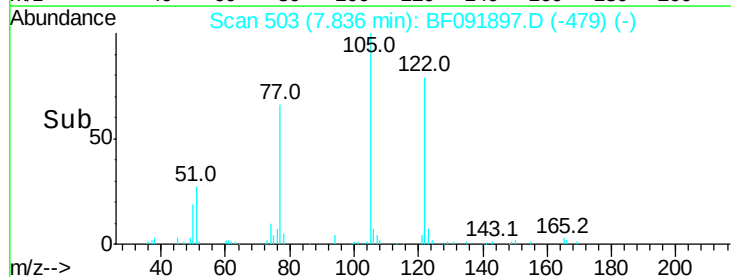
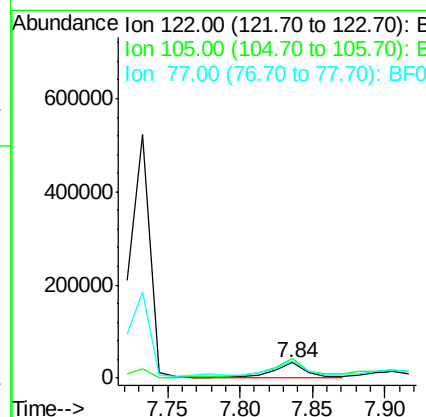
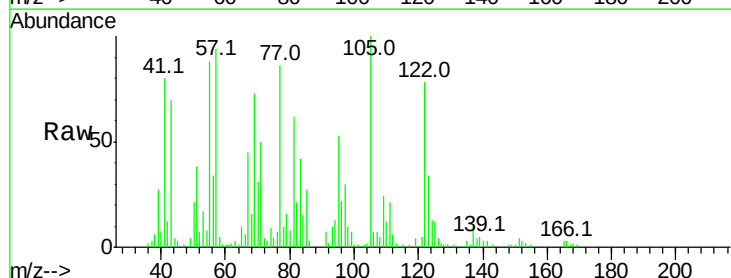
Manual Integrations
APPROVED

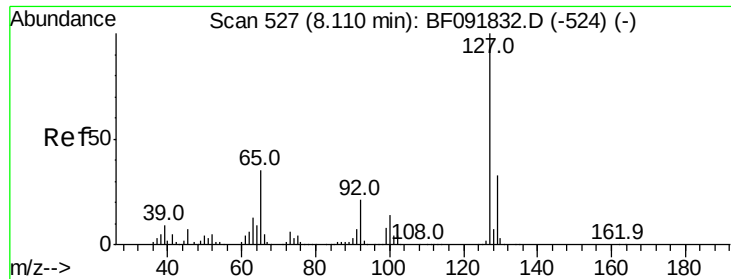
SOHIL
12/23/2016 5:54:20 PM



#32
Benzoic acid
Concen: 6.37 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.02 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.9	107.2	147.2
77	110.6	74.5	114.5





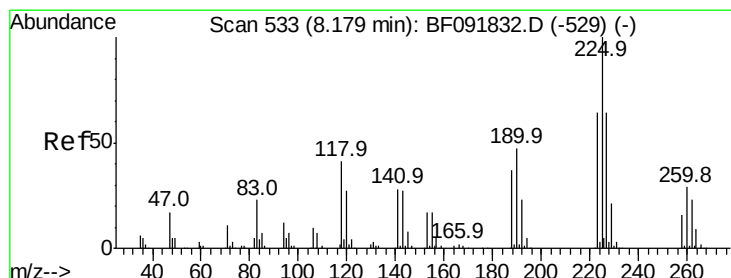
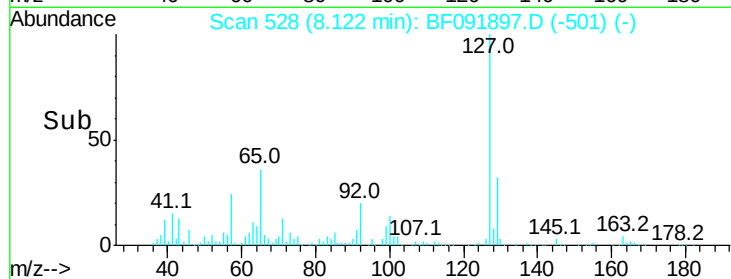
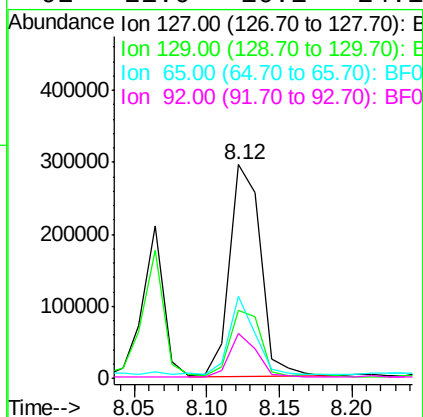
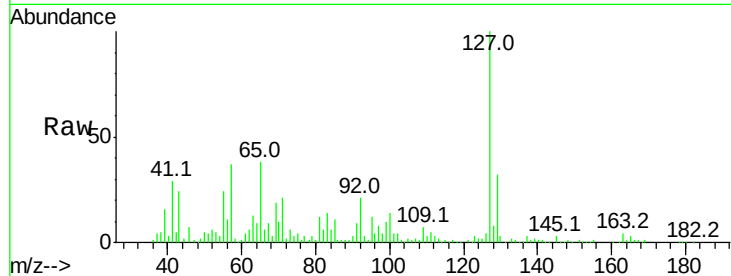
#33
4-Chloroaniline
Concen: 30.17 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.01 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Instrument :
BNA_F
ClientSampleId :
B-5MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.8	26.3	39.5	
65	38.2	25.8	38.8	
92	21.0	16.1	24.1	

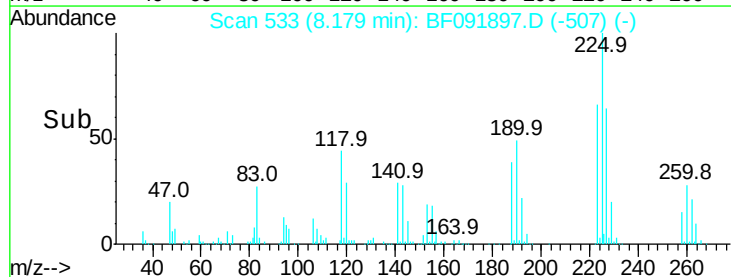
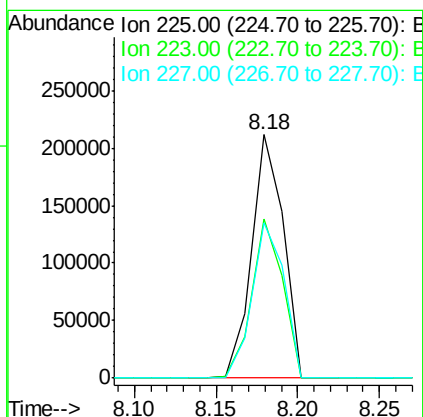
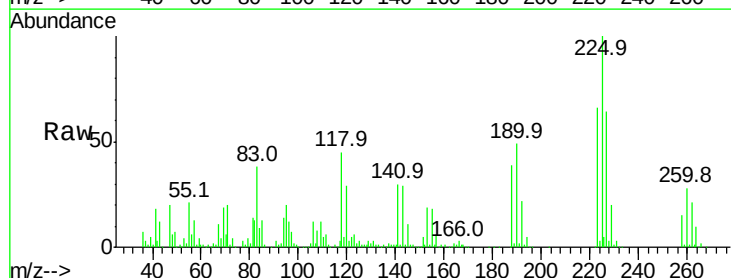
Manual Integrations
APPROVED

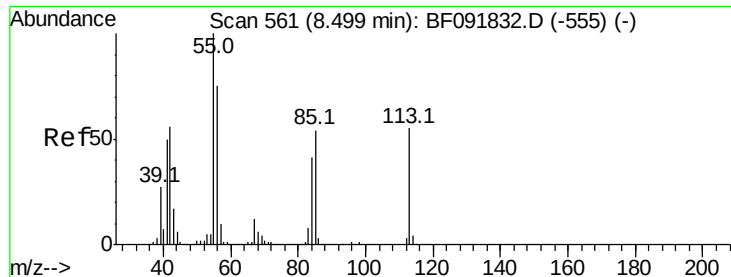
SOHIL
12/23/2016 5:54:20 PM



#34
Hexachlorobutadiene
Concen: 52.68 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.6	51.0	76.6	
227	63.8	50.6	76.0	





#35

Caprolactam

Concen: 70.35 ng

RT: 8.48 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Instrument :

BNA_F

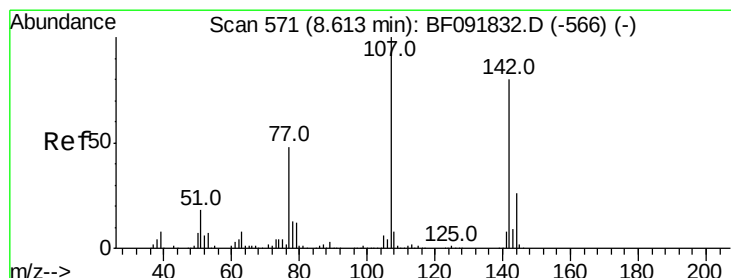
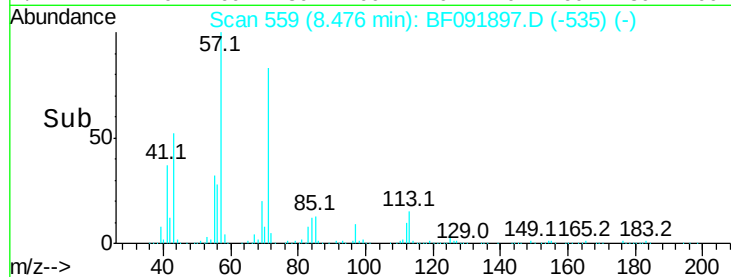
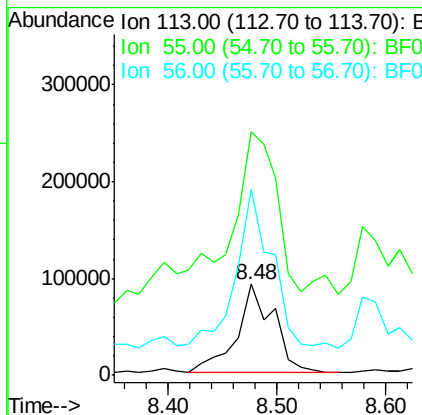
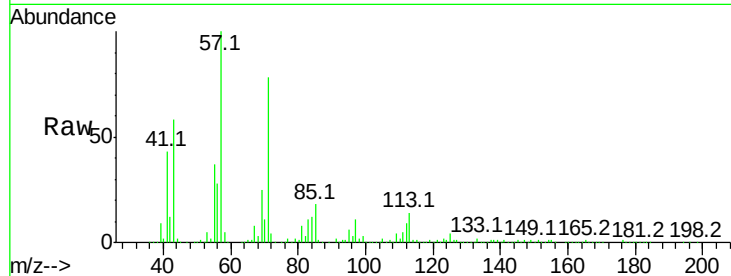
ClientSampled :

B-5MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	268.4	119.2	159.2#	
56	205.3	83.8	123.8#	

Manual Integrations
APPROVED

SOHIL
12/23/2016 5:54:20 PM



#36

4-Chloro-3-methylphenol

Concen: 44.96 ng

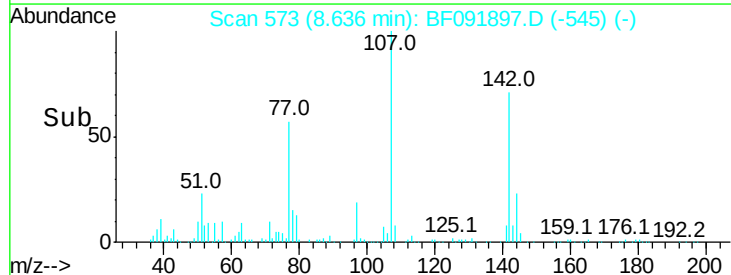
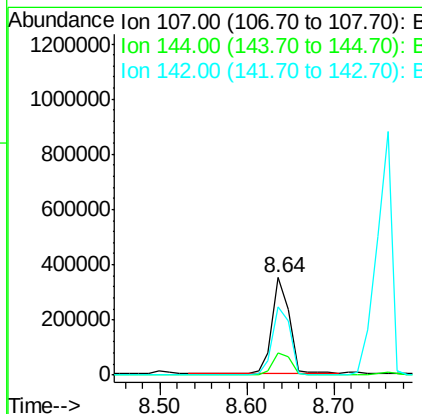
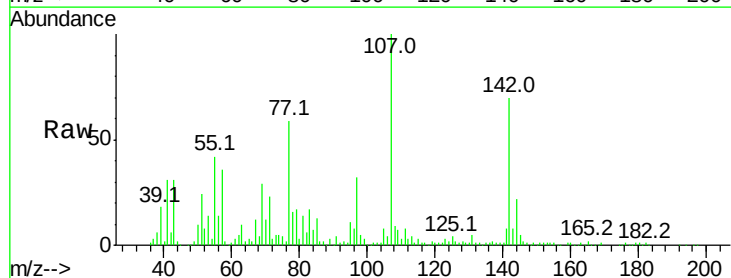
RT: 8.64 min Scan# 573

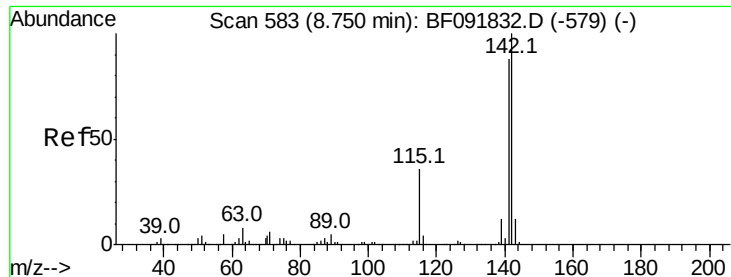
Delta R.T. 0.02 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	22.3	19.3	28.9	
142	69.9	59.0	88.6	





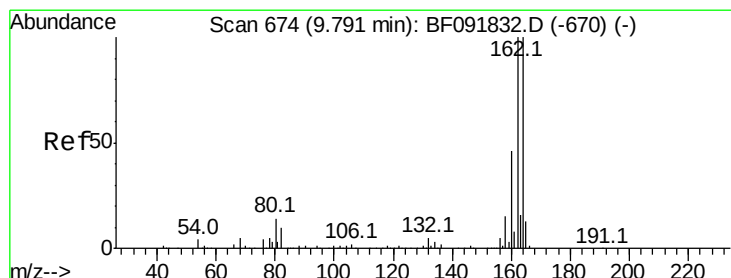
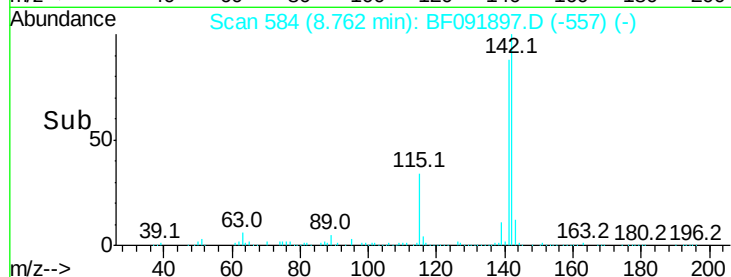
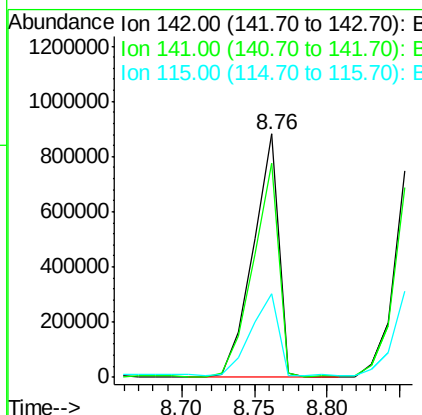
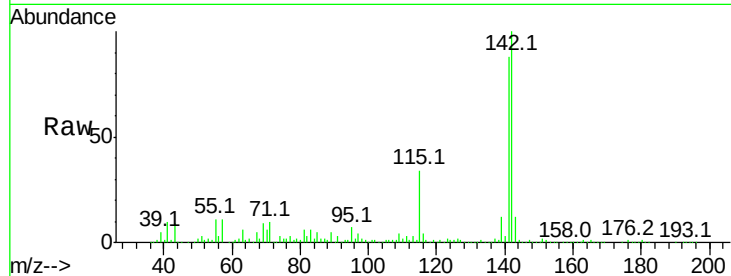
#37
2-Methylnaphthalene
Concen: 66.77 ng
RT: 8.76 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Instrument :
BNA_F
ClientSampleId :
B-5MS

Tot Ion:142 Resp: 1078004
Ion Ratio Lower Upper
142 100
141 88.1 71.0 106.6
115 34.4 28.3 42.5

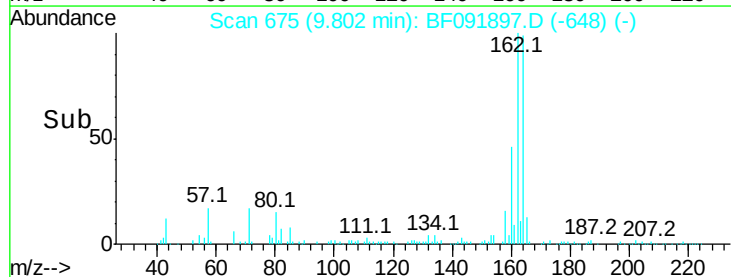
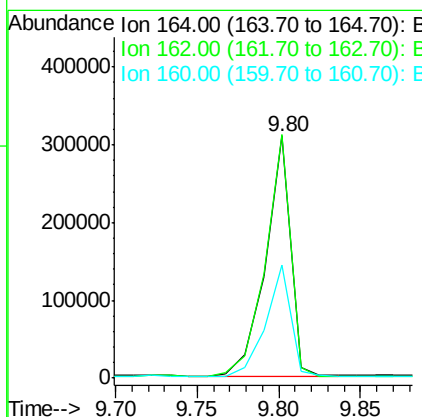
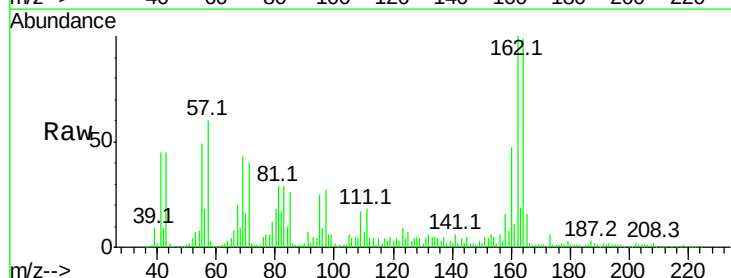
Manual Integrations
APPROVED

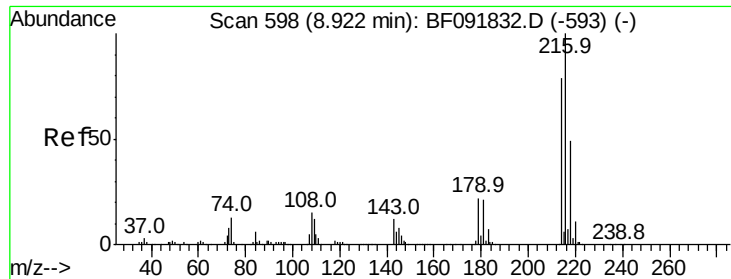
SOHIL
12/23/2016 5:54:20 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.01 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Tgt Ion:164 Resp: 327247
Ion Ratio Lower Upper
164 100
162 100.7 80.2 120.2
160 46.9 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.56 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Instrument :

BNA_F

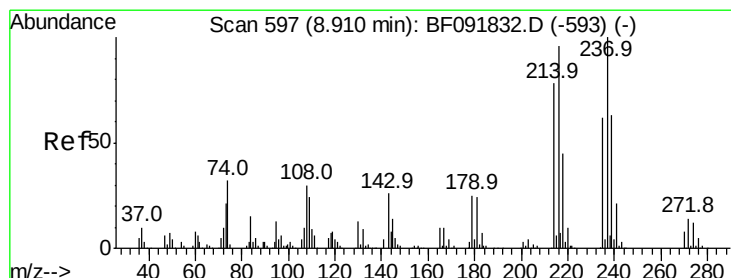
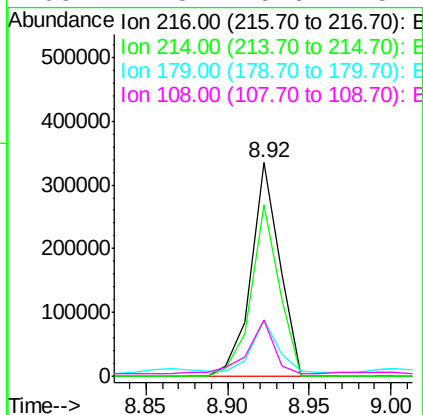
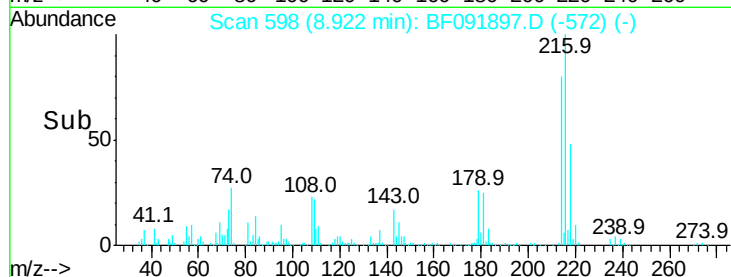
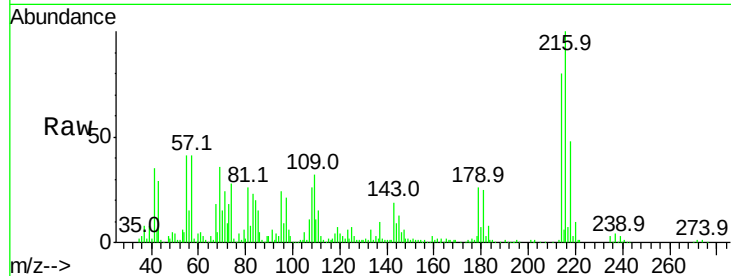
ClientSampleId :

B-5MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	409799		
214	78.6		63.4	95.0
179	22.9		17.4	26.2
108	22.8		15.6	23.4

Manual Integrations
APPROVED

SOHIL
12/23/2016 5:54:20 PM



#40

Hexachlorocyclopentadiene

Concen: 51.25 ng

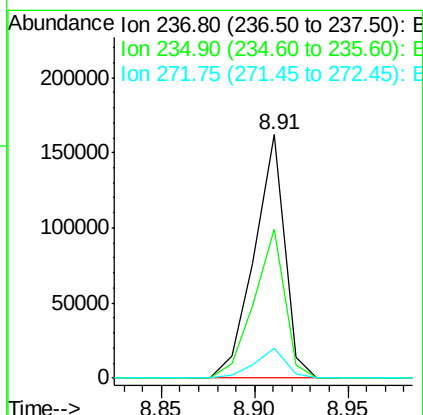
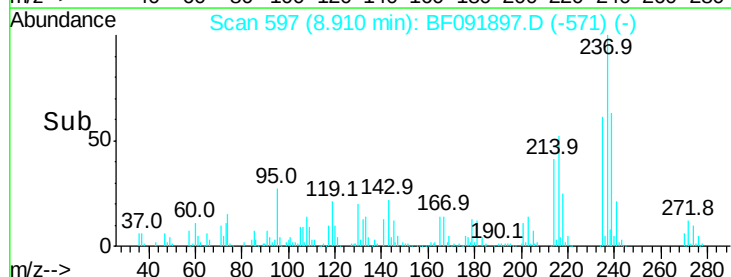
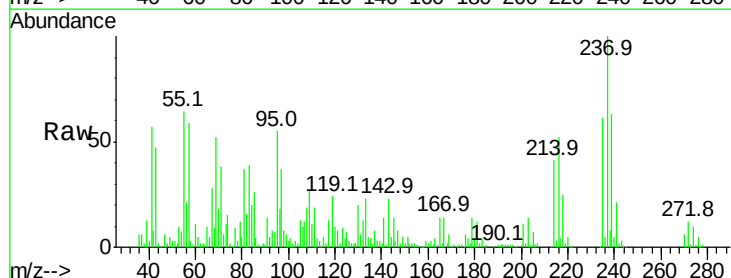
RT: 8.91 min Scan# 597

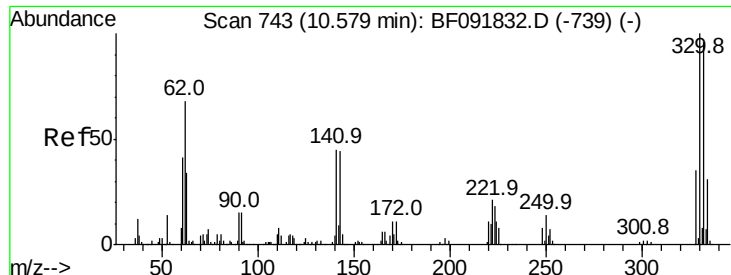
Delta R.T. 0.00 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	183185		
235	61.0		41.2	81.2
272	12.1		0.0	35.4





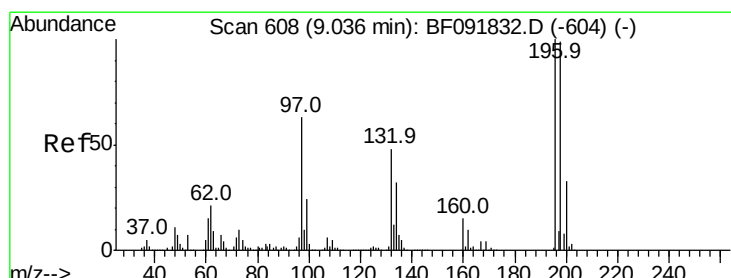
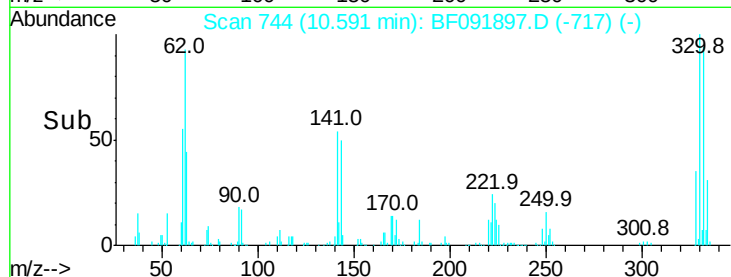
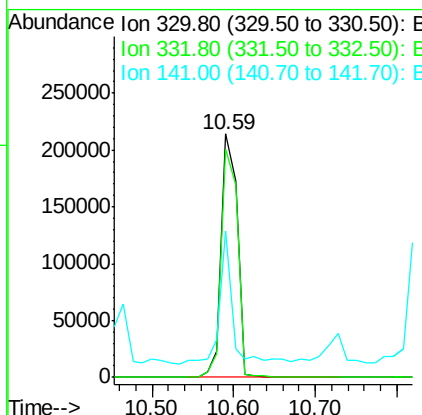
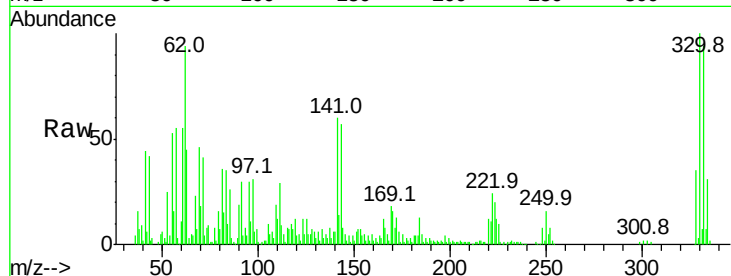
#41
 2,4,6-Tribromophenol
 Concen: 106.94 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.01 min
 Lab File: BF091897.D
 Acq: 22 Dec 2016 20:21

Instrument :
 BNA_F
 ClientSampleId :
 B-5MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	289621		
332	95.7		77.4	116.2
141	43.3		34.1	51.1

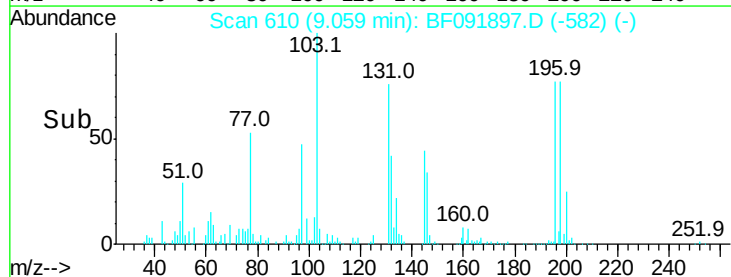
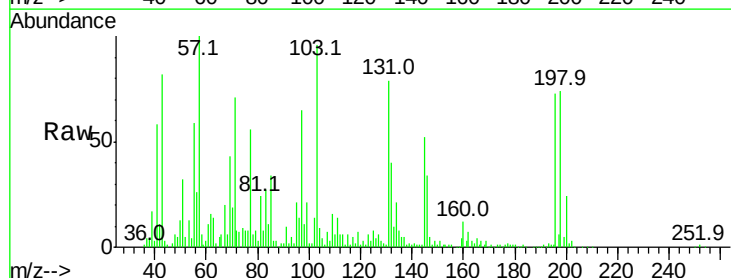
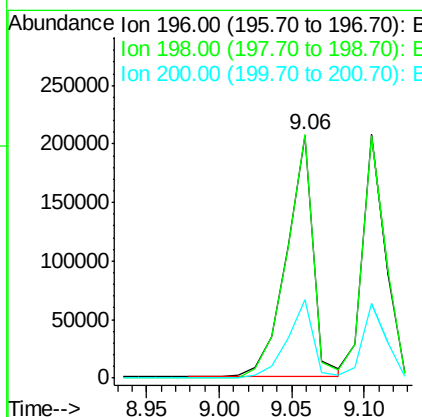
Manual Integrations
 APPROVED

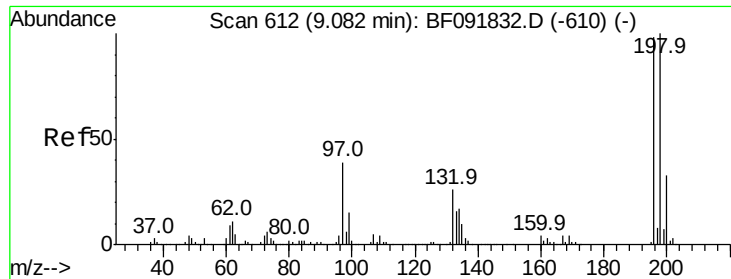
SOHIL
 12/23/2016 5:54:20 PM



#42
 2,4,6-Trichlorophenol
 Concen: 45.32 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.02 min
 Lab File: BF091897.D
 Acq: 22 Dec 2016 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	262071		
198	100.4		82.1	123.1
200	32.4		27.0	40.4





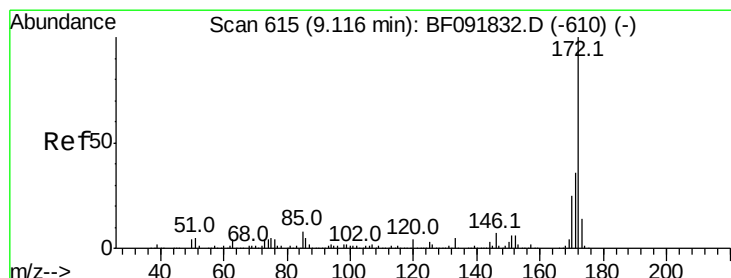
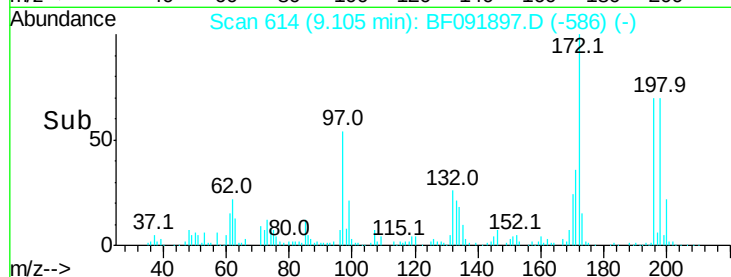
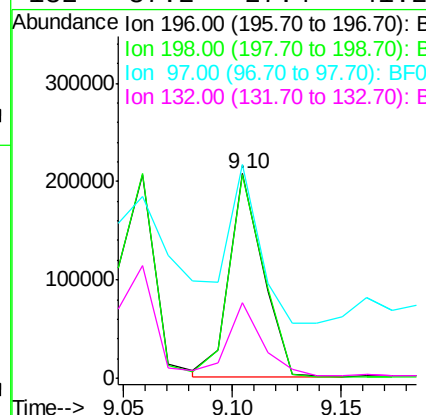
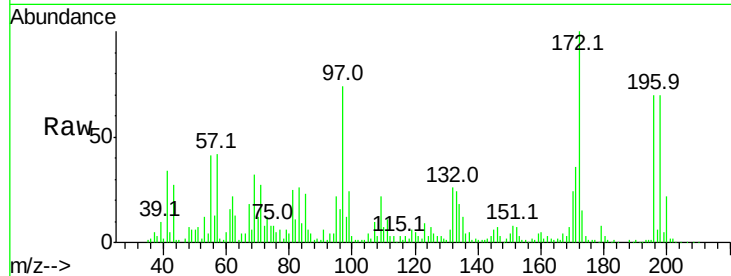
#43
 2,4,5-Trichlorophenol
 Concen: 37.49 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.02 min
 Lab File: BF091897.D
 Acq: 22 Dec 2016 20:21

Instrument :
 BNA_F
 ClientSampled :
 B-5MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	223061		
198	99.7	79.4	119.2	
97	104.6	51.5	77.3	
132	37.2	27.4	41.2	

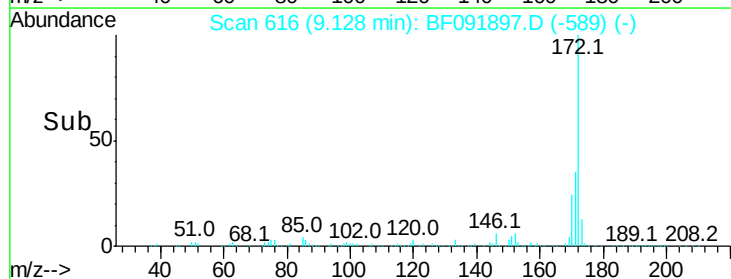
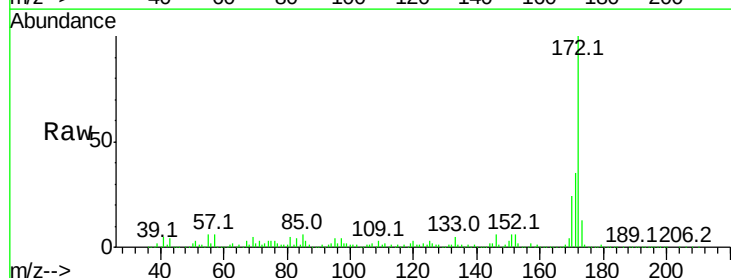
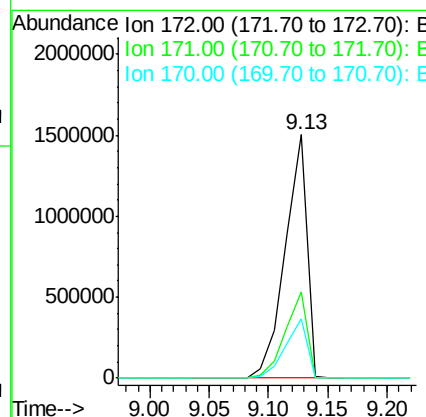
Manual Integrations
 APPROVED

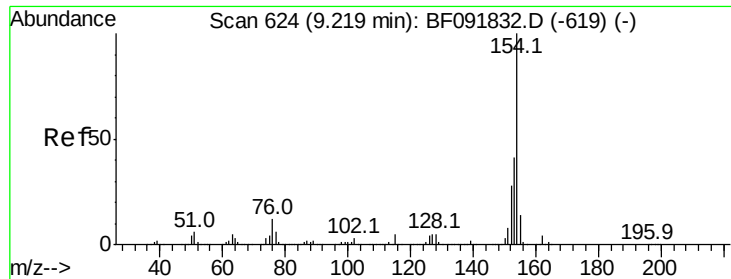
SOHIL
 12/23/2016 5:54:20 PM



#44
 2-Fluorobiphenyl
 Concen: 124.99 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.01 min
 Lab File: BF091897.D
 Acq: 22 Dec 2016 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1899349		
171	35.5	29.4	44.0	
170	24.3	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 50.93 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Instrument :

BNA_F

ClientSampleId :

B-5MS

Tot Ion:154 Resp: 1141159

Ion Ratio Lower Upper

154 100

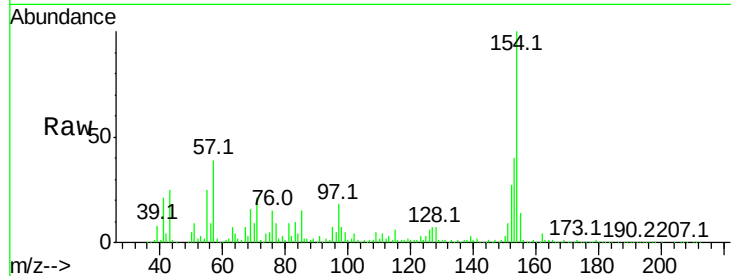
153 40.2 20.9 60.9

76 14.6 0.0 30.5

Manual Integrations
APPROVED

SOHIL

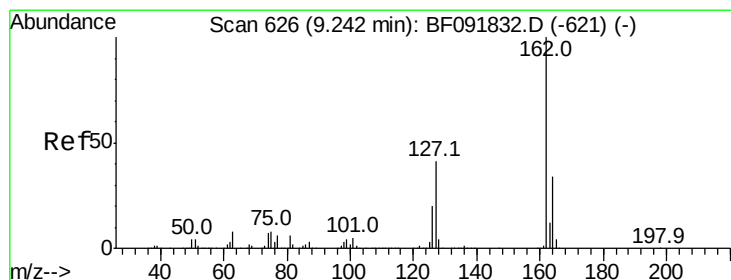
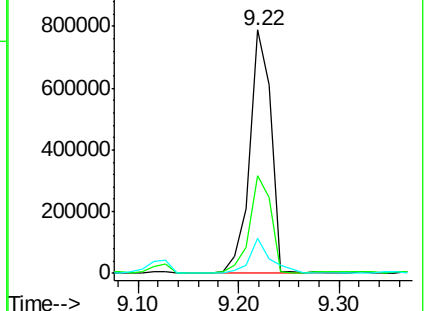
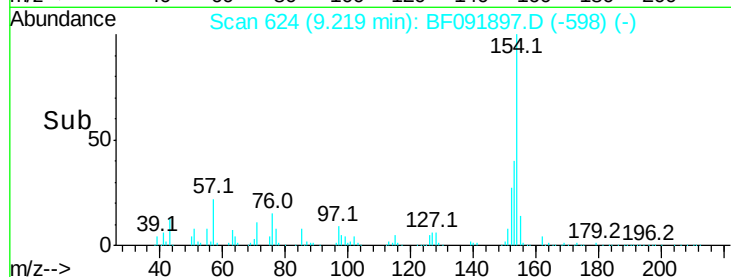
12/23/2016 5:54:20 PM



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: 49.16 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

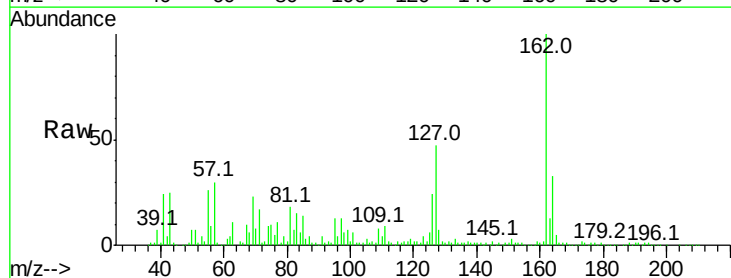
Tgt Ion:162 Resp: 872399

Ion Ratio Lower Upper

162 100

127 46.5 30.7 46.1#

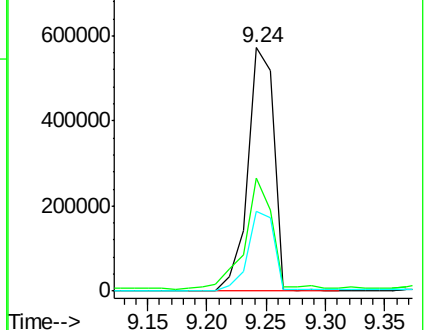
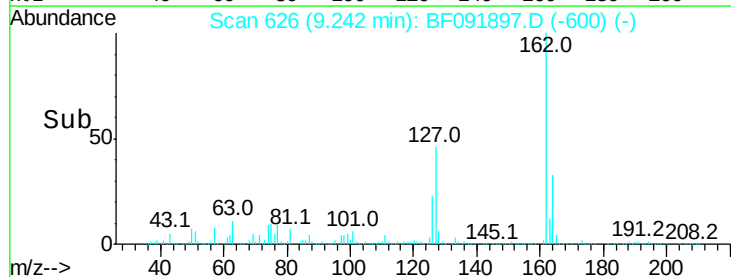
164 32.7 27.6 41.4

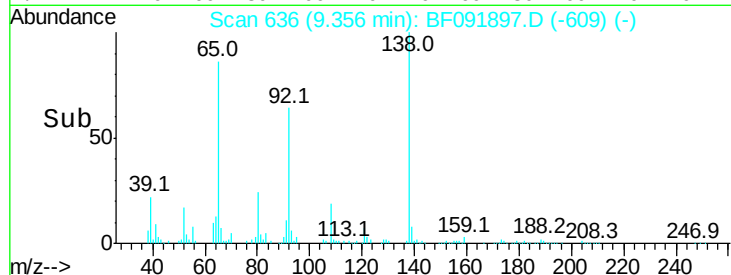
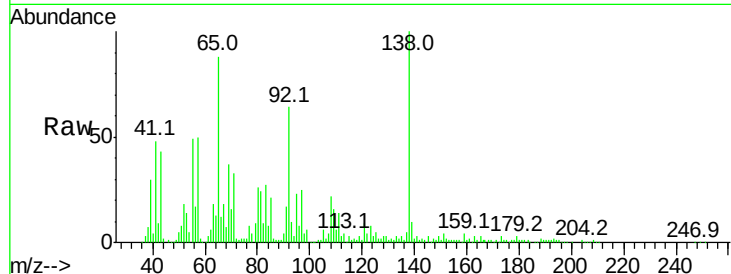
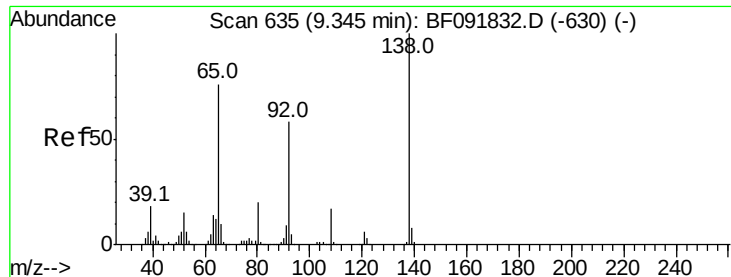


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 50.61 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.01 min

Lab File: BF091897.D

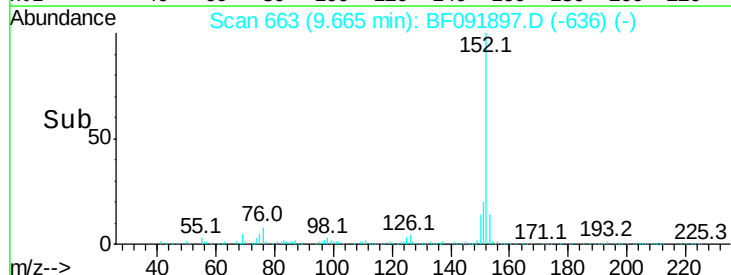
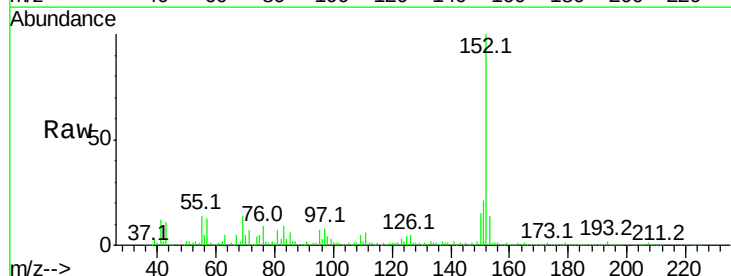
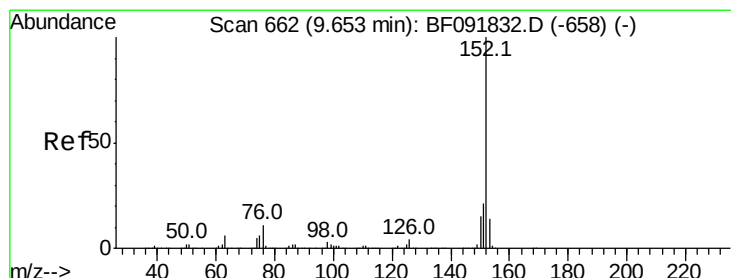
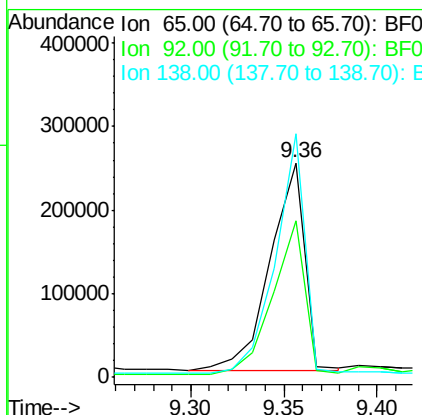
Acq: 22 Dec 2016 20:21

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.1	53.9	80.9
138	113.6	76.8	115.2

Instrument :
BNA_F
ClientSampleId :
B-5MS

Manual Integrations
APPROVED

SOHIL
12/23/2016 5:54:20 PM



#48

Acenaphthylene

Concen: 49.89 ng

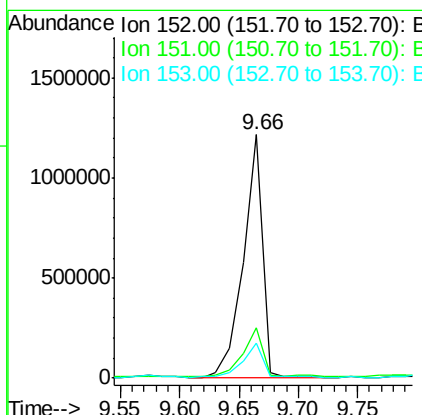
RT: 9.66 min Scan# 663

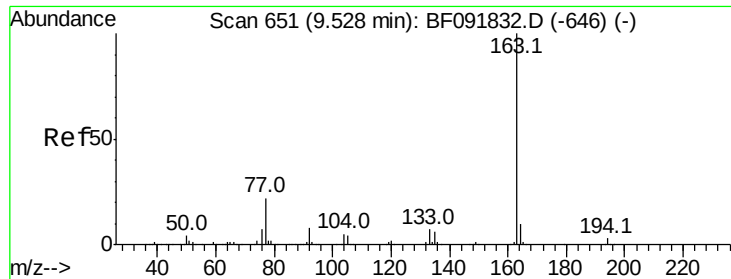
Delta R.T. 0.01 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	14.2	11.4	17.2





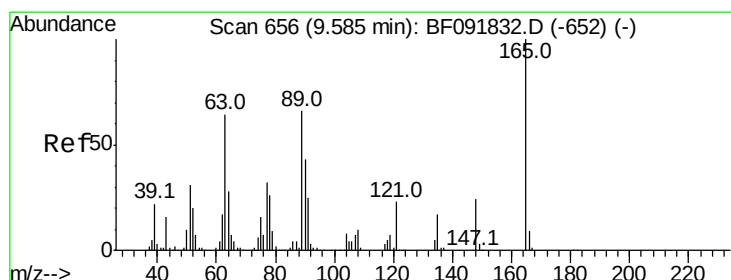
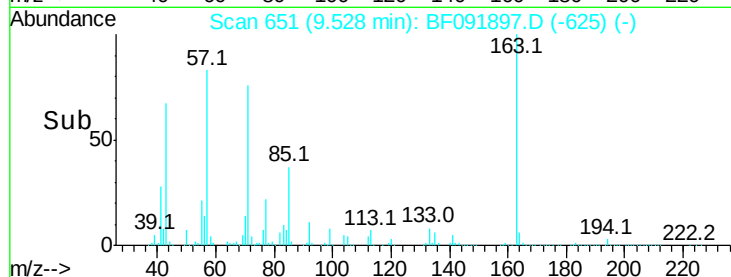
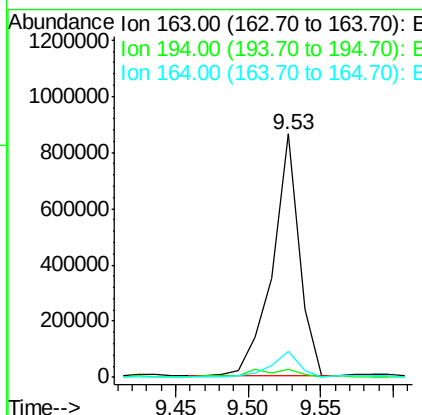
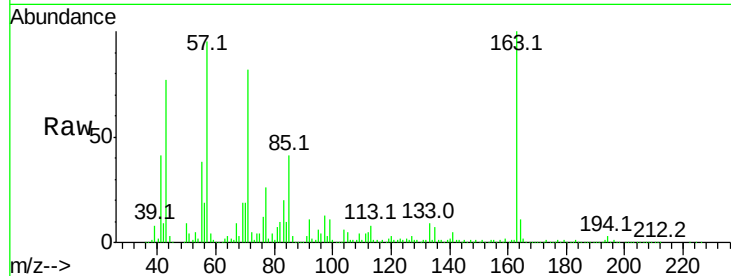
#49
Dimethylphthalate
Concen: 52.36 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Instrument :
BNA_F
ClientSampled :
B-5MS

Tot Ion:163 Resp: 1095829
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.8 8.0 12.0

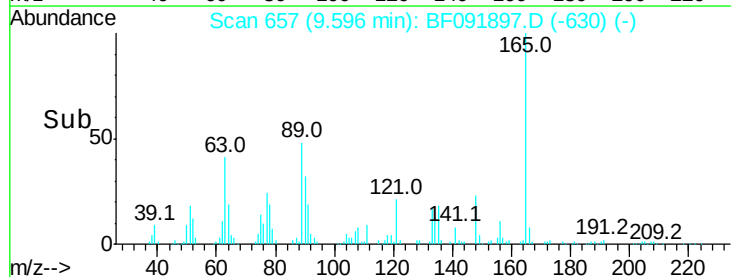
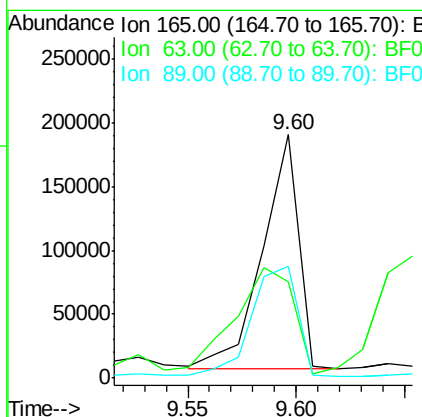
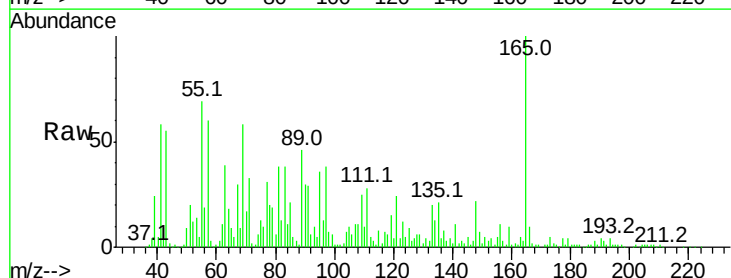
Manual Integrations
APPROVED

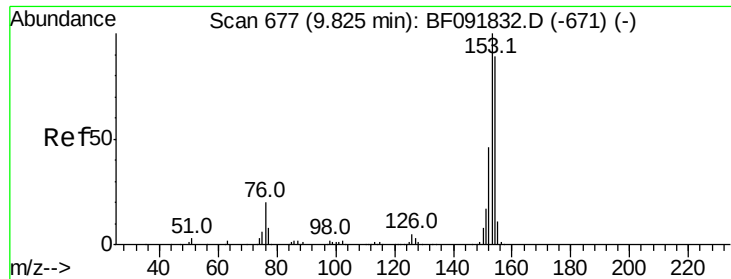
SOHIL
12/23/2016 5:54:20 PM



#50
2,6-Dinitrotoluene
Concen: 46.33 ng
RT: 9.60 min Scan# 657
Delta R.T. 0.01 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Tgt Ion:165 Resp: 212250
Ion Ratio Lower Upper
165 100
63 39.5 36.2 54.4
89 46.1 40.2 60.4





#51

Acenaphthene

Concen: 46.76 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.01 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Instrument :

BNA_F

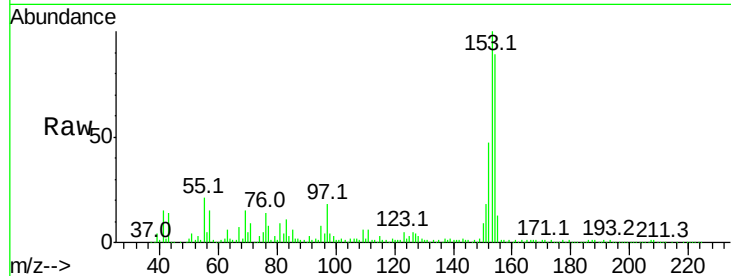
ClientSampleId :

B-5MS

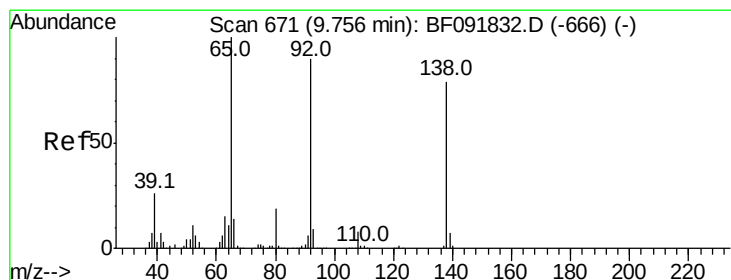
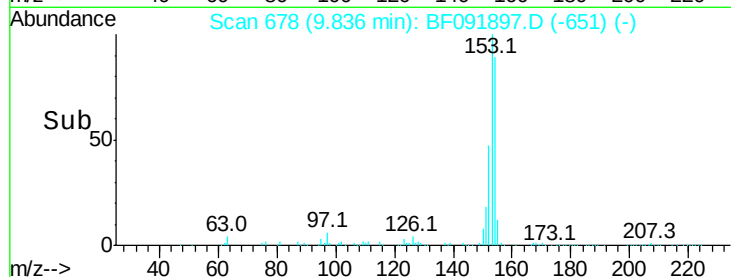
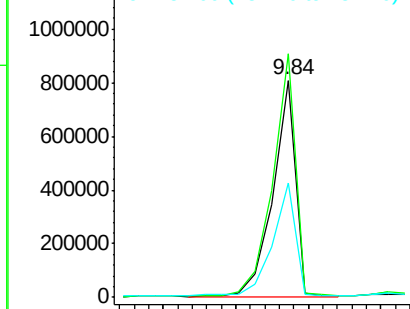
Tot Ion:	154	Resp:	865100
Ion Ratio	Lower	Upper	
154	100		
153	112.1	88.6	133.0
152	52.8	41.6	62.4

Manual Integrations
APPROVED

SOHIL
12/23/2016 5:54:20 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: 43.72 ng

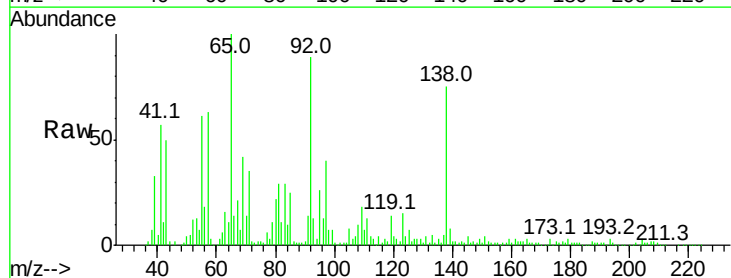
RT: 9.77 min Scan# 672

Delta R.T. 0.01 min

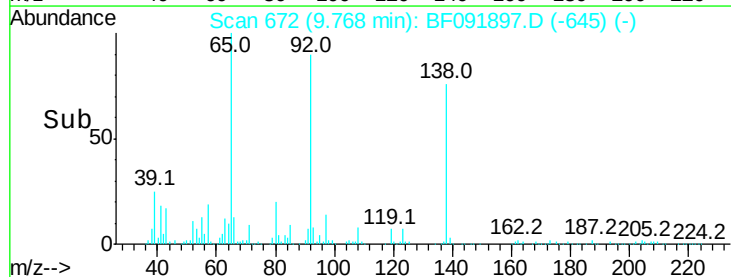
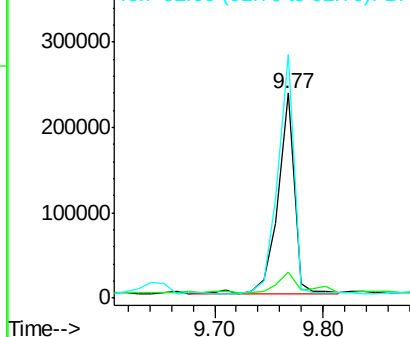
Lab File: BF091897.D

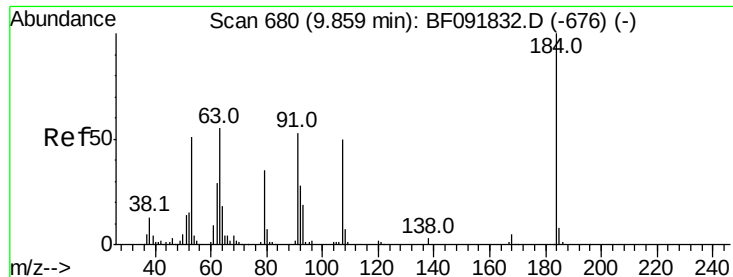
Acq: 22 Dec 2016 20:21

Tgt Ion:	138	Resp:	247841
Ion Ratio	Lower	Upper	
138	100		
108	13.0	8.5	12.7#
92	118.8	97.8	146.8



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





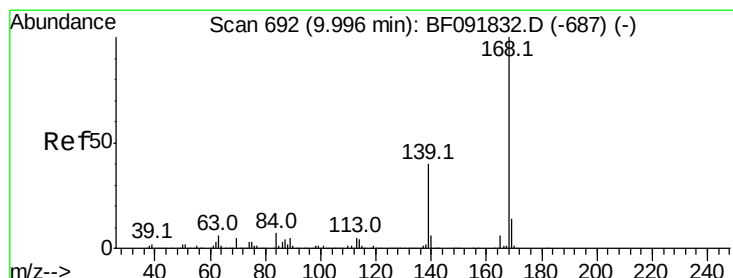
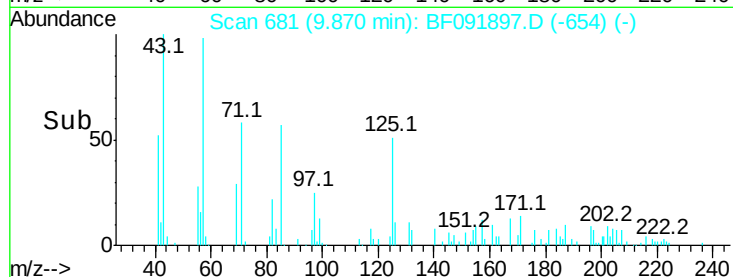
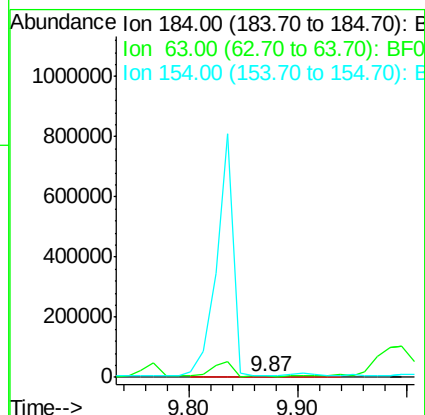
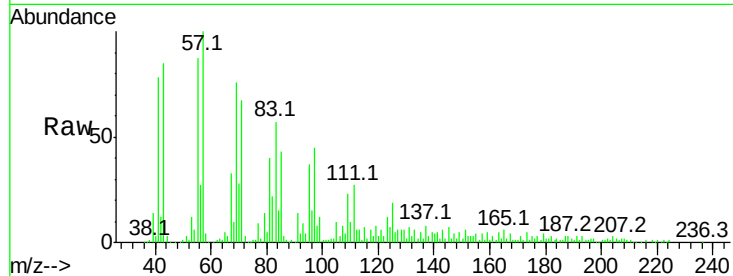
#53
2,4-Dinitrophenol
Concen: 2.57 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.01 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Instrument :
BNA_F
ClientSampled :
B-5MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	147.9	28.4	42.6#
154	188.2	44.3	66.5#

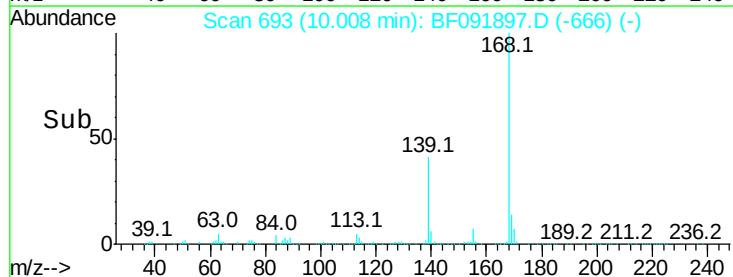
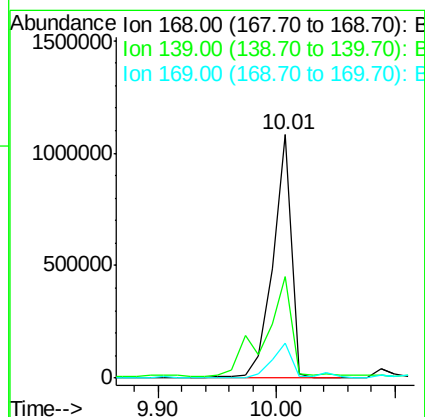
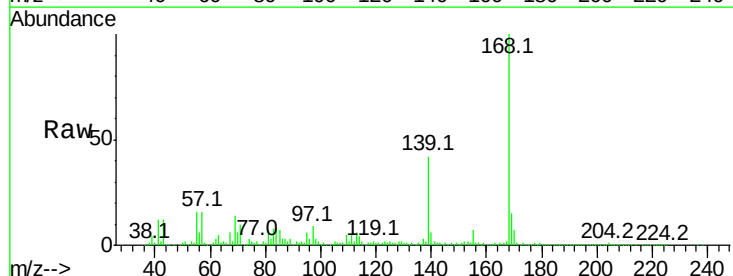
Manual Integrations
APPROVED

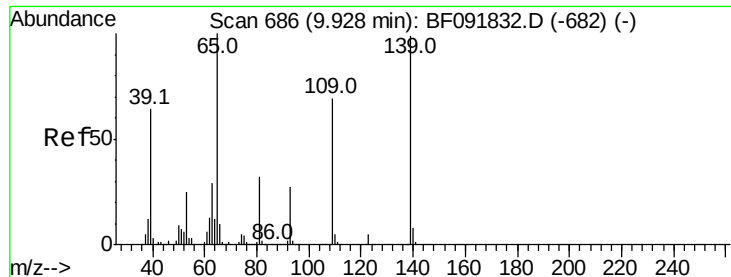
SOHIL
12/23/2016 5:54:20 PM



#54
Dibenzofuran
Concen: 46.70 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.9	32.6	49.0
169	14.6	11.3	16.9





#55

4-Nitrophenol

Concen: 55.02 ng/ml

RT: 9.97 min Scan# 690

Delta R.T. 0.05 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Instrument :

BNA_F

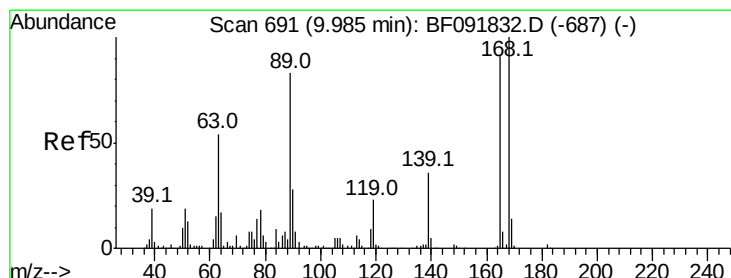
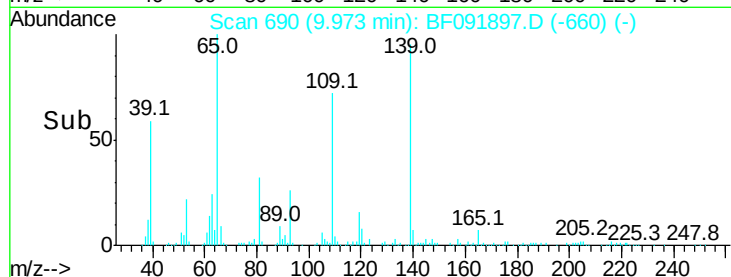
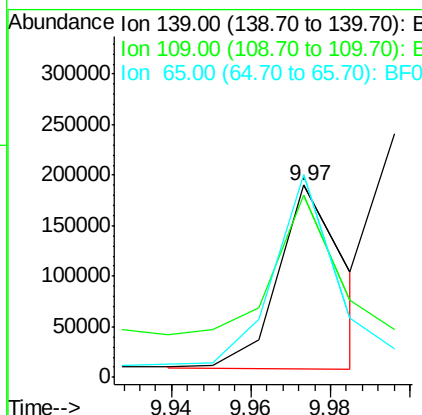
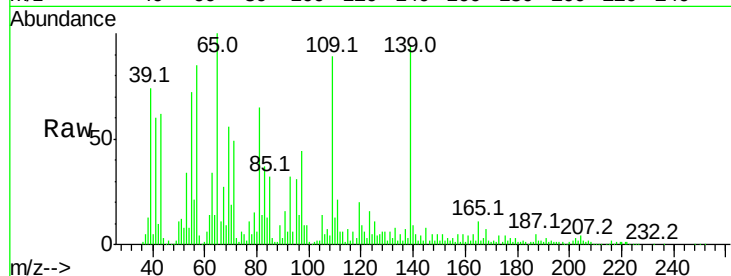
ClientSampleId :

B-5MS

Tot Ion:	139	Resp:	211790
Ion Ratio	Lower	Upper	
139	100		
109	94.6	52.2	92.2#
65	105.9	85.8	125.8

Manual Integrations
APPROVED

SOHIL
12/23/2016 5:54:20 PM



#56

2,4-Dinitrotoluene

Concen: 43.30 ng/ml

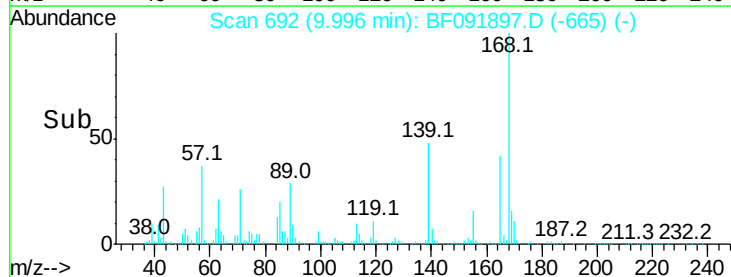
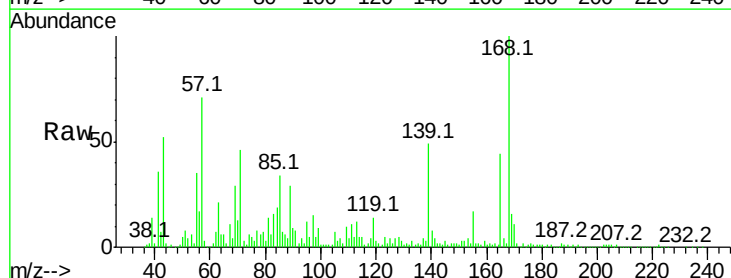
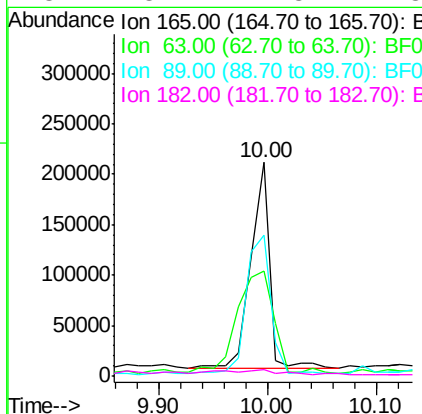
RT: 10.00 min Scan# 692

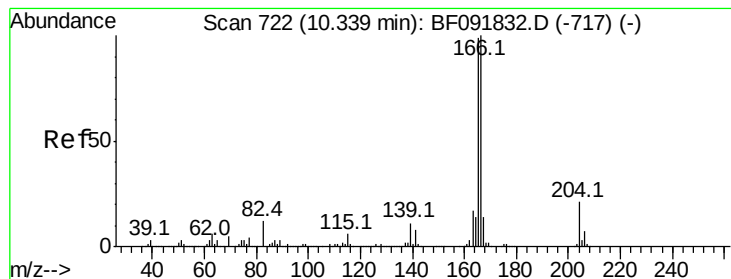
Delta R.T. 0.01 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Tgt Ion:	165	Resp:	248947
Ion Ratio	Lower	Upper	
165	100		
63	49.2	40.2	60.4
89	65.9	62.5	93.7
182	3.2	1.8	2.8#





#57

Fluorene

Concen: 50.64 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Instrument :

BNA_F

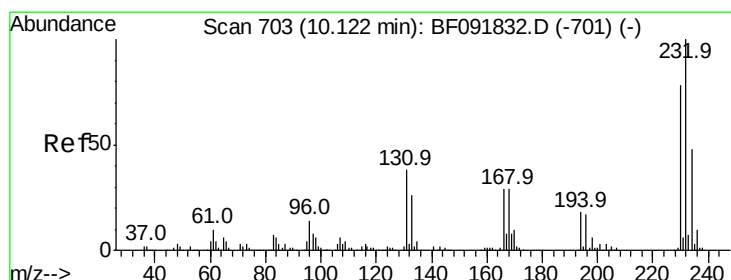
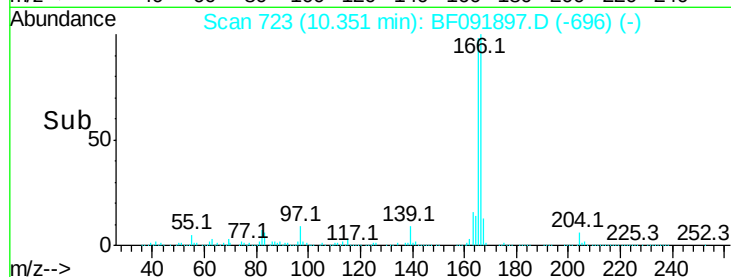
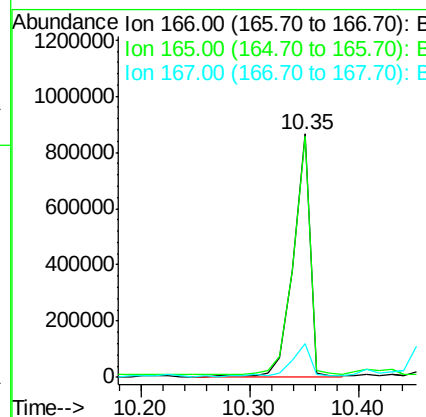
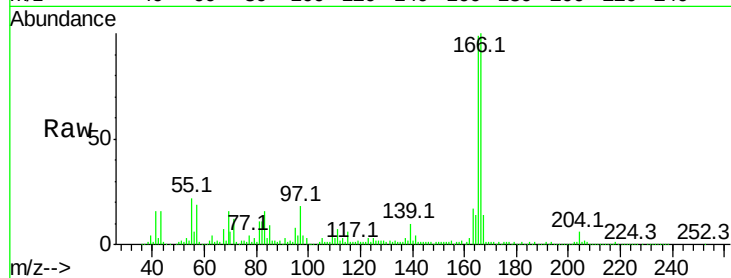
ClientSampled :

B-5MS

Tot Ion:	166	Resp:	920495
Ion Ratio	Lower	Upper	
166	100		
165	98.9	77.8	116.8
167	13.9	10.8	16.2

Manual Integrations
APPROVED

SOHIL
12/23/2016 5:54:20 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.61 ng

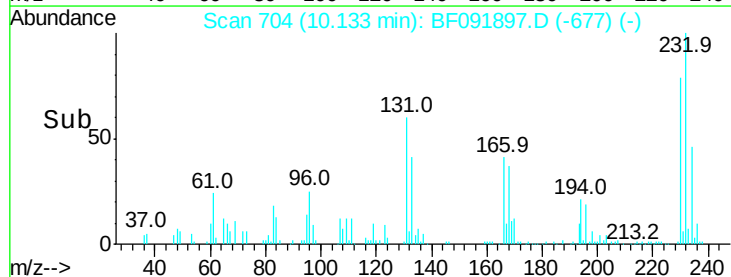
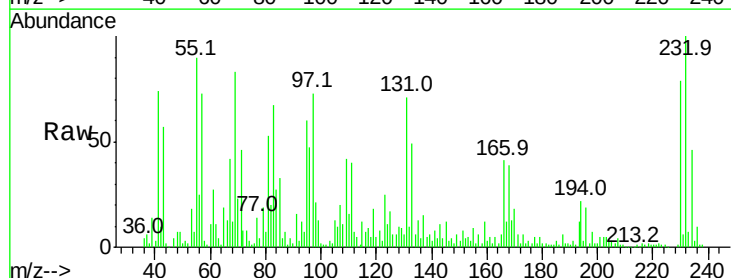
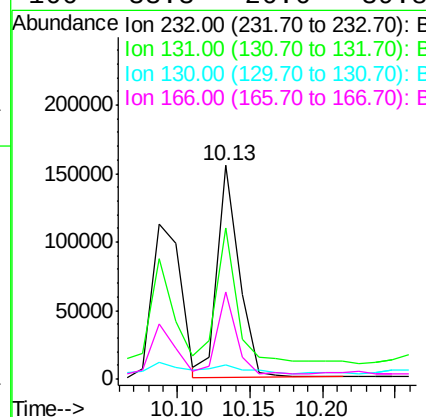
RT: 10.13 min Scan# 704

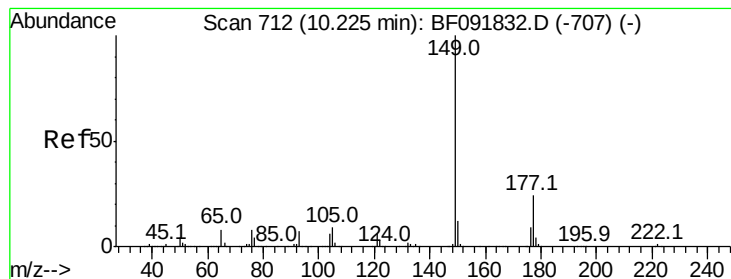
Delta R.T. 0.01 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Tgt Ion:	232	Resp:	162898
Ion Ratio	Lower	Upper	
232	100		
131	64.8	40.1	60.1#
130	6.2	1.8	2.8#
166	33.3	26.6	39.8





#59

Diethylphthalate

Concen: 48.69 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Instrument :

BNA_F

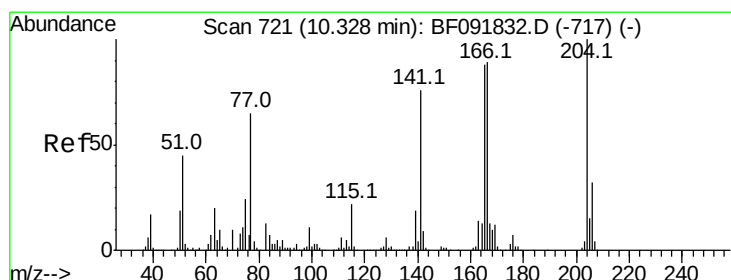
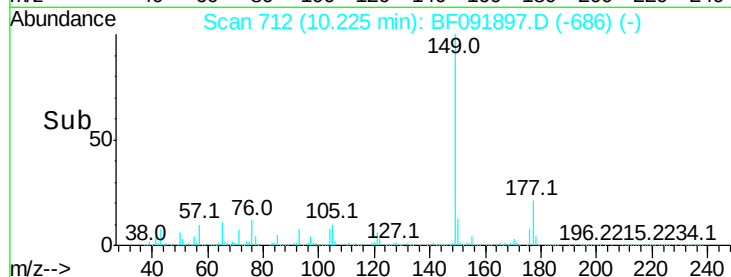
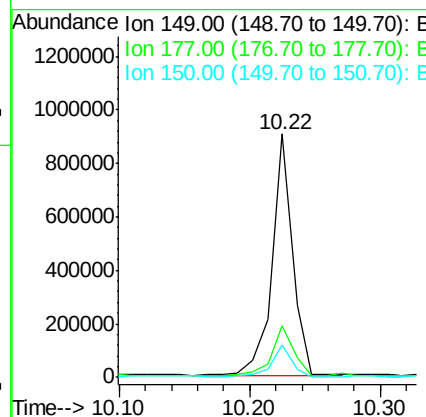
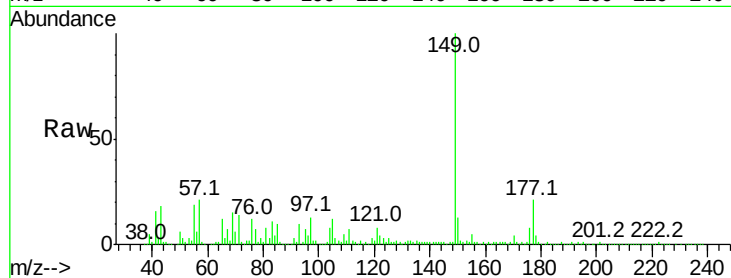
ClientSampleId :

B-5MS

Tot Ion:	149	Resp:	989799
Ion Ratio	Lower	Upper	
149	100		
177	21.2	16.6	25.0
150	13.1	10.4	15.6

Manual Integrations
APPROVED

SOHIL
12/23/2016 5:54:20 PM



#60

4-Chlorophenyl-phenylether

Concen: 48.28 ng

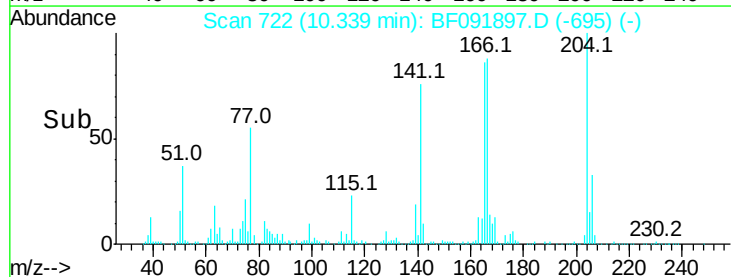
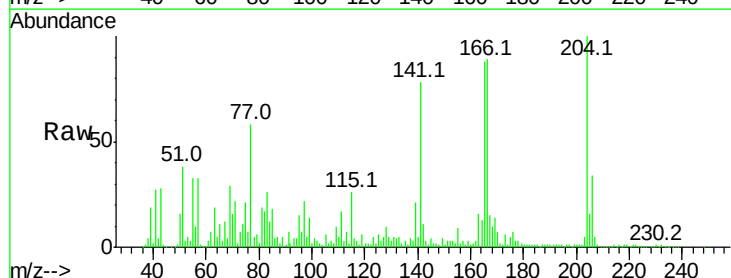
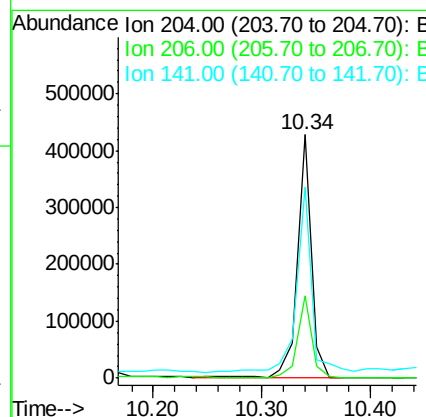
RT: 10.34 min Scan# 722

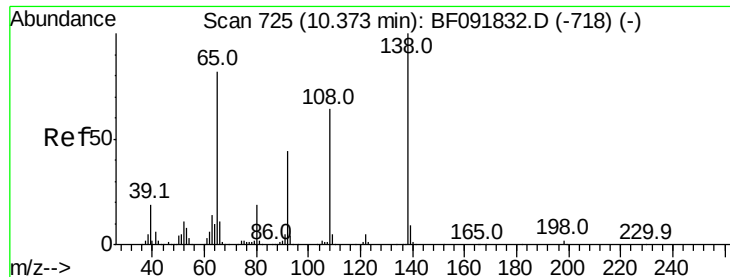
Delta R.T. 0.01 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Tgt Ion:	204	Resp:	384271
Ion Ratio	Lower	Upper	
204	100		
206	33.7	25.8	38.6
141	78.3	59.4	89.0





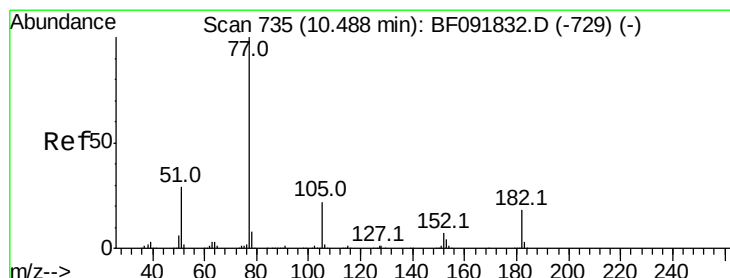
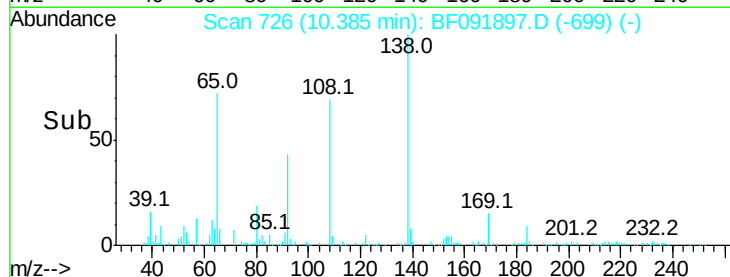
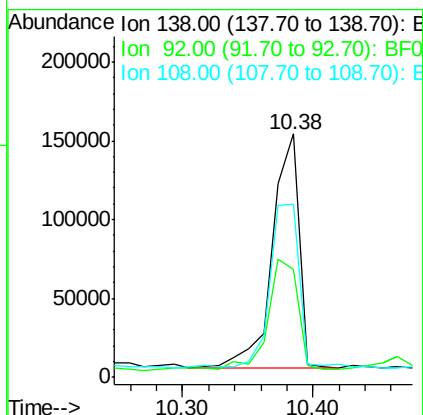
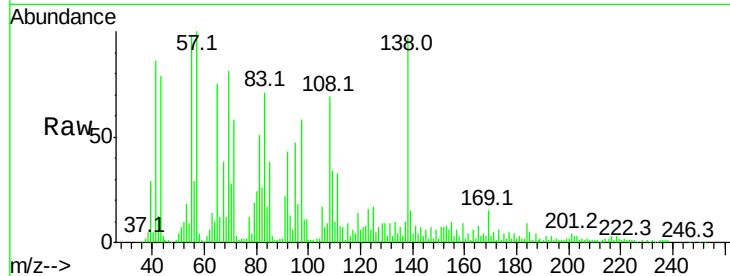
#61
4-Nitroaniline
Concen: 36.50 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Instrument :
BNA_F
ClientSampled :
B-5MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.4	31.7	71.7
108	71.1	52.6	92.6

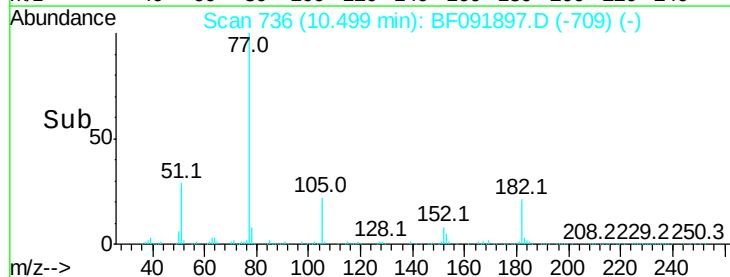
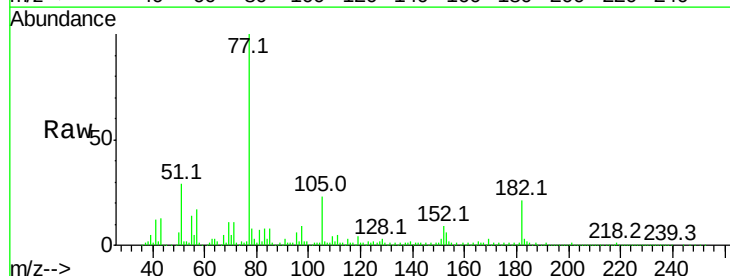
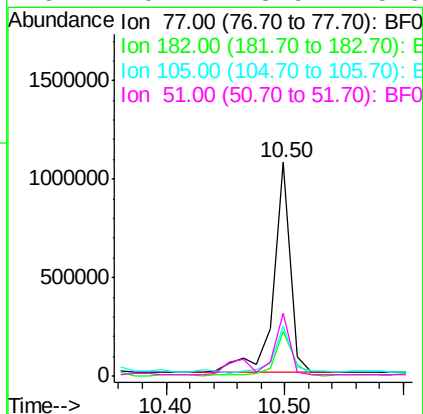
Manual Integrations
APPROVED

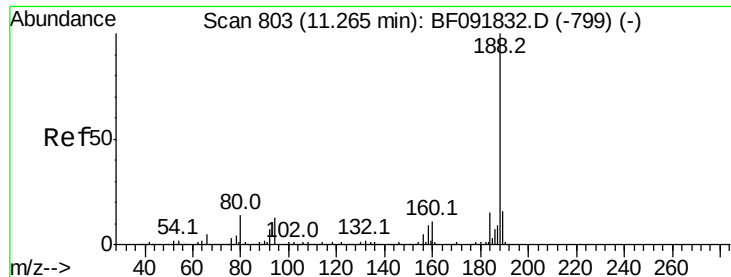
SOHIL
12/23/2016 5:54:20 PM



#62
Azobenzene
Concen: 47.51 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.8	0.0	39.3
105	23.5	2.3	42.3
51	29.1	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Instrument :

BNA_F

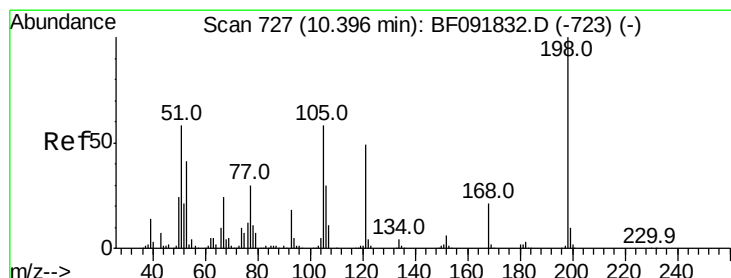
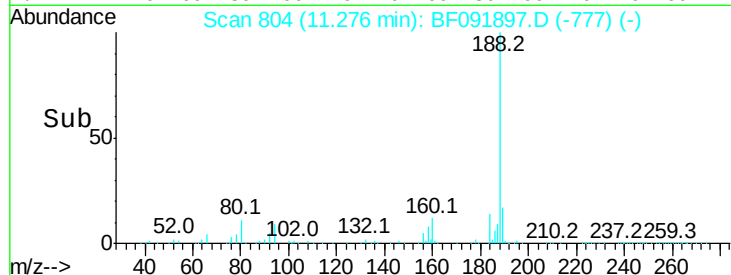
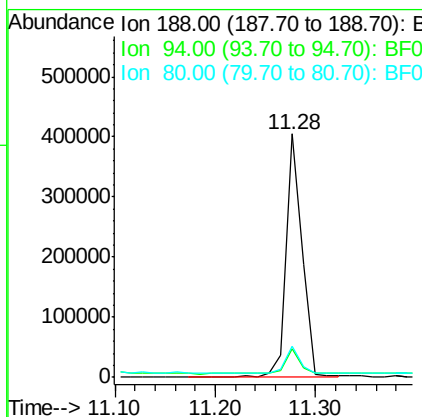
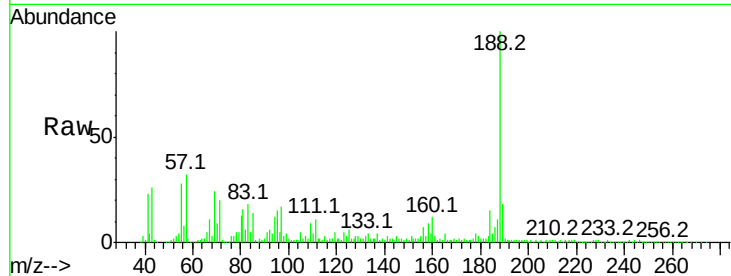
ClientSampled :

B-5MS

Tot Ion:	188	Resp:	437850
Ion Ratio	Lower	Upper	
188	100		
94	11.6	10.0	15.0
80	12.9	11.2	16.8

Manual Integrations
APPROVED

SOHIL
12/23/2016 5:54:20 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 2.97 ng

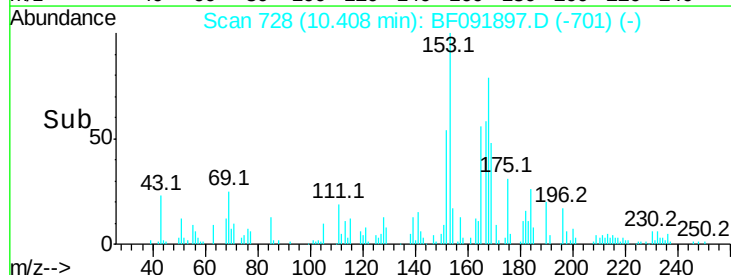
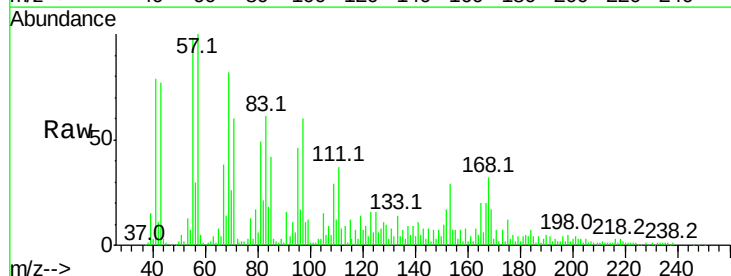
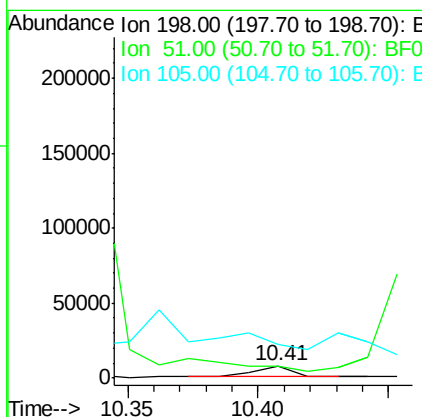
RT: 10.41 min Scan# 728

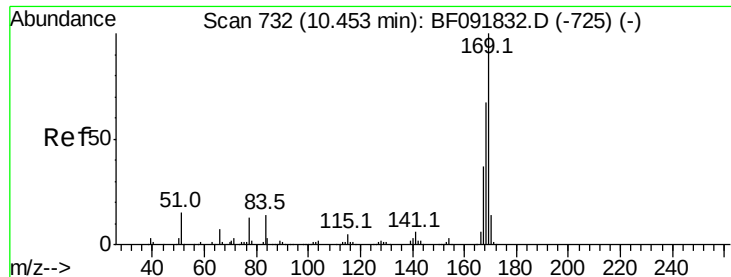
Delta R.T. 0.01 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Tgt Ion:	198	Resp:	7868
Ion Ratio	Lower	Upper	
198	100		
51	100.4	6.7	46.7#
105	281.5	16.6	56.6#





#65

n-Nitrosodiphenylamine

Concen: 61.12 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Instrument :

BNA_F

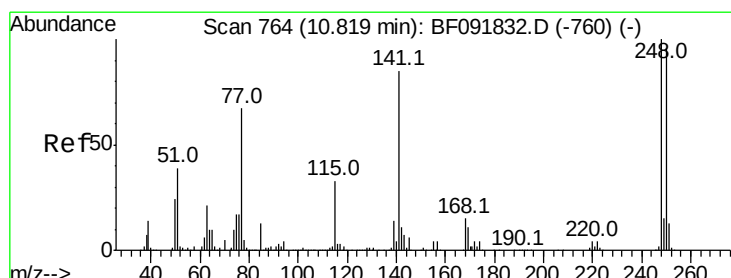
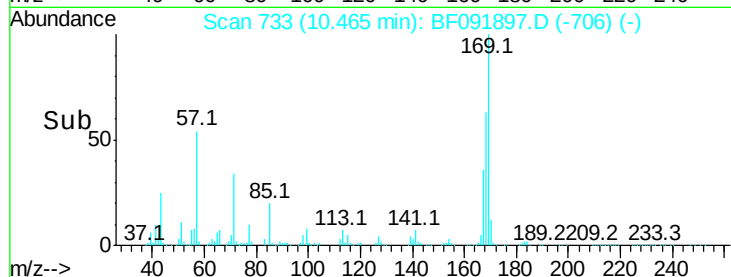
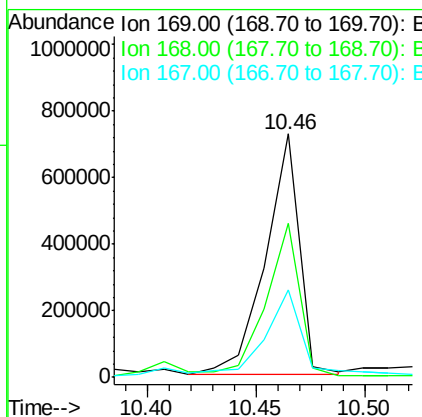
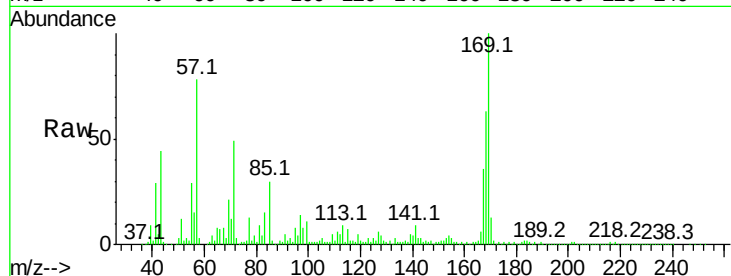
ClientSampled :

B-5MS

Tot Ion:	169	Resp:	794132
Ion Ratio	Lower	Upper	
169	100		
168	63.3	54.2	81.2
167	35.7	30.2	45.4

Manual Integrations
APPROVED

SOHIL
12/23/2016 5:54:20 PM



#66

4-Bromophenyl-phenylether

Concen: 56.17 ng

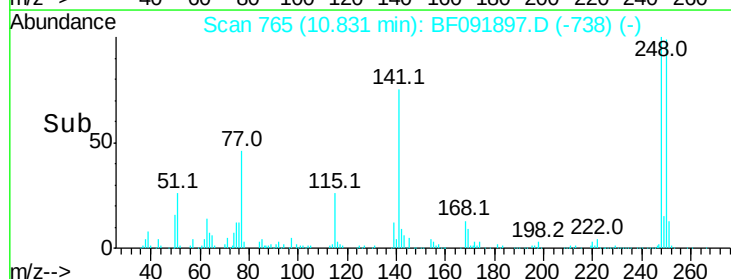
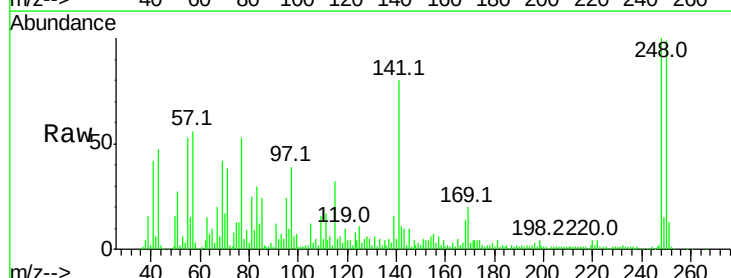
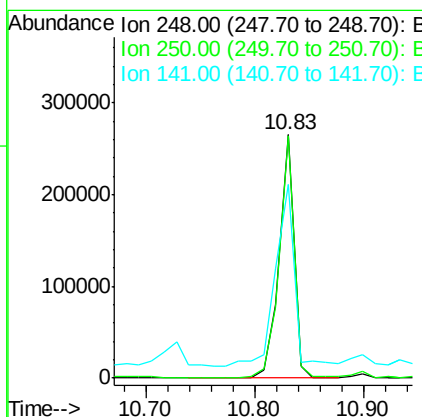
RT: 10.83 min Scan# 765

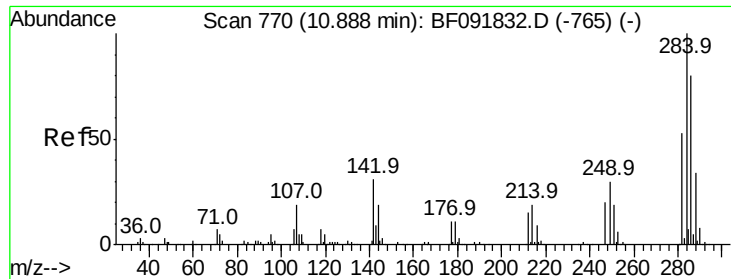
Delta R.T. 0.01 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Tgt Ion:	248	Resp:	255850
Ion Ratio	Lower	Upper	
248	100		
250	99.3	76.9	115.3
141	79.6	68.2	102.4





#67

Hexachlorobenzene

Concen: 49.95 ng

RT: 10.90 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Instrument :

BNA_F

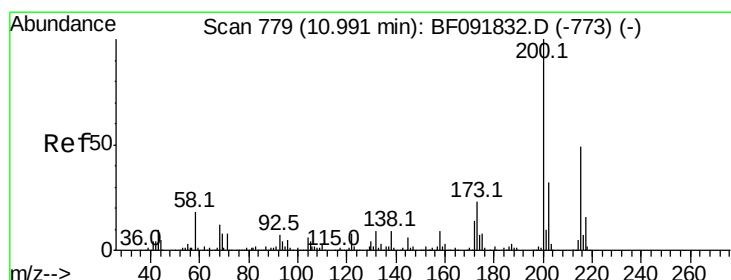
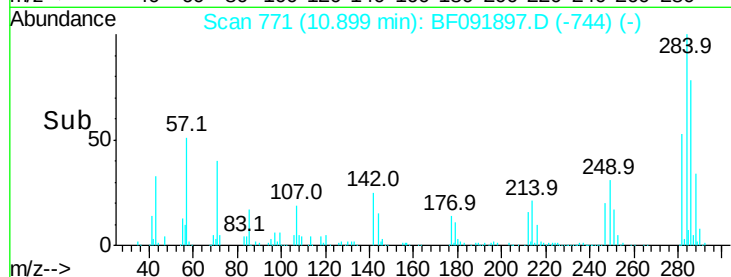
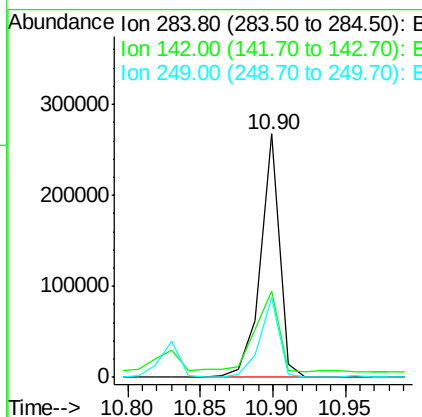
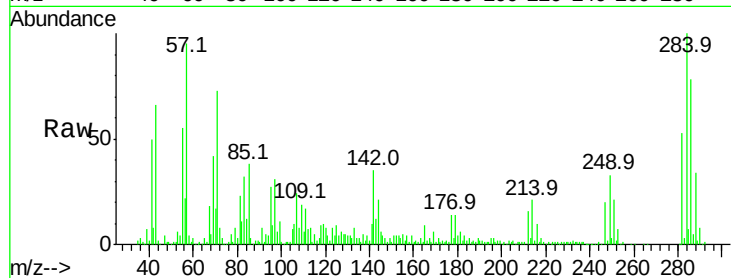
ClientSampleId :

B-5MS

Tot Ion:	284	Resp:	243197
Ion Ratio	Lower	Upper	
284	100		
142	35.4	22.6	33.8#
249	32.7	25.4	38.0

Manual Integrations
APPROVED

SOHIL
12/23/2016 5:54:20 PM



#68

Atrazine

Concen: 58.26 ng

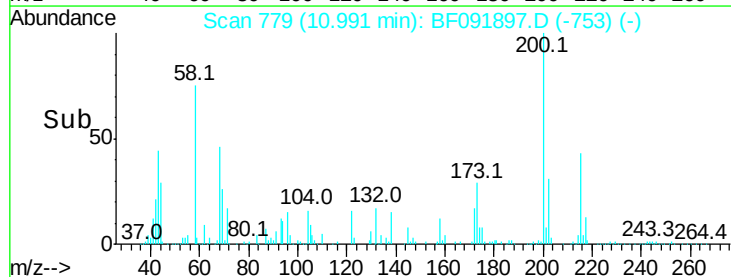
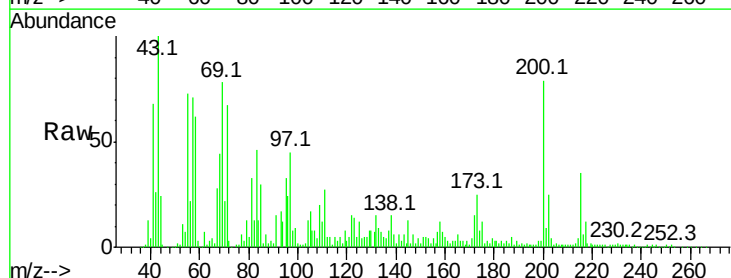
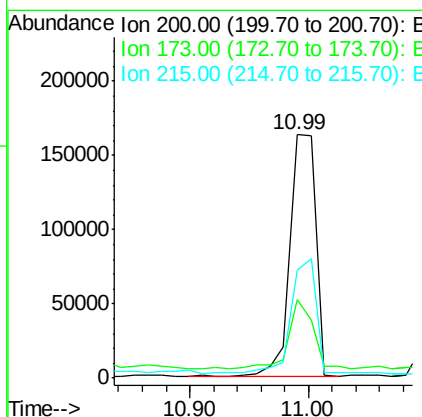
RT: 10.99 min Scan# 779

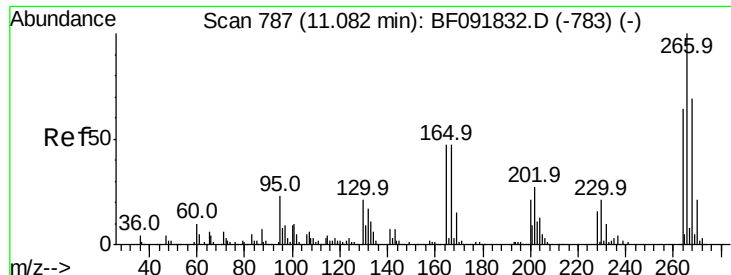
Delta R.T. -0.00 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Tgt Ion:	200	Resp:	244176
Ion Ratio	Lower	Upper	
200	100		
173	32.4	9.6	49.6
215	44.1	25.7	65.7





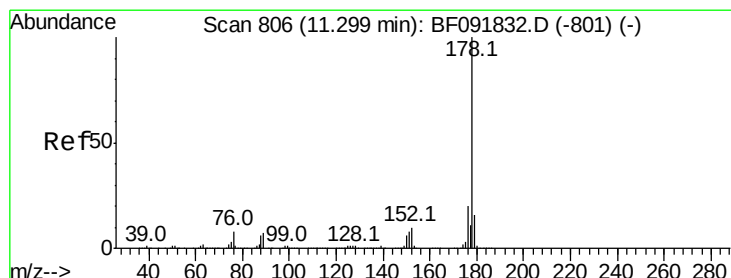
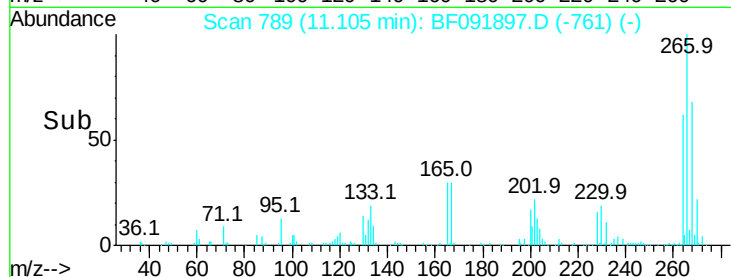
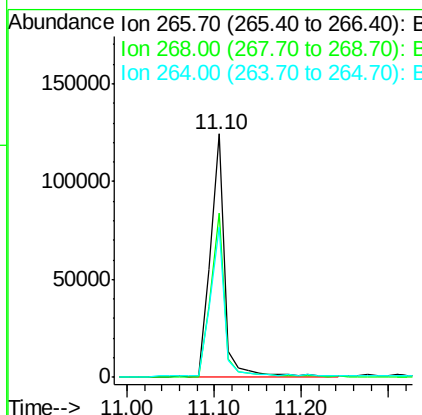
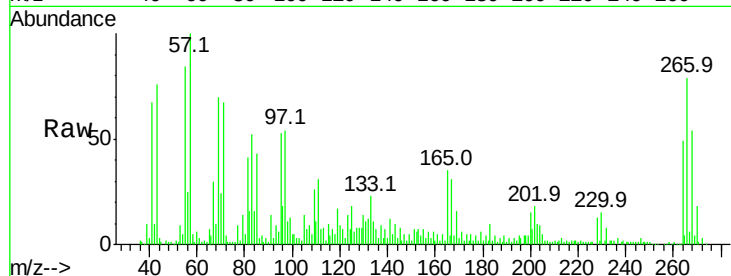
#69
 Pentachlorophenol
 Concen: 61.68 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.02 min
 Lab File: BF091897.D
 Acq: 22 Dec 2016 20:21

Instrument :
 BNA_F
 ClientSampleId :
 B-5MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.5	53.3	79.9
264	61.6	50.3	75.5

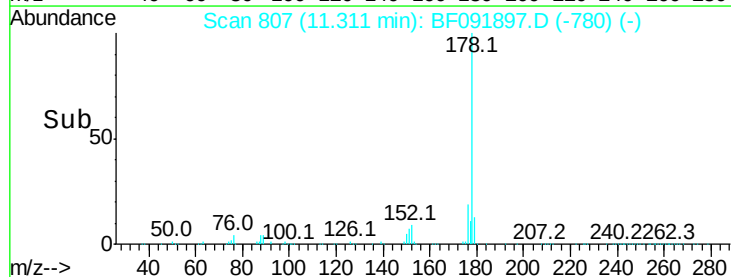
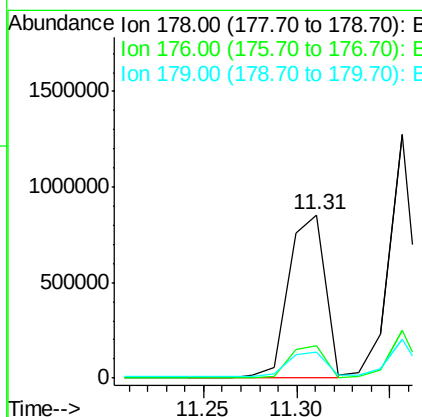
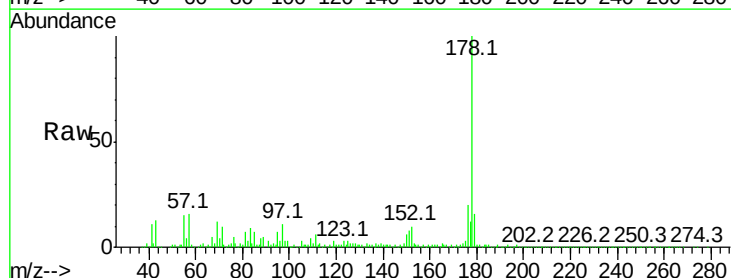
Manual Integrations
 APPROVED

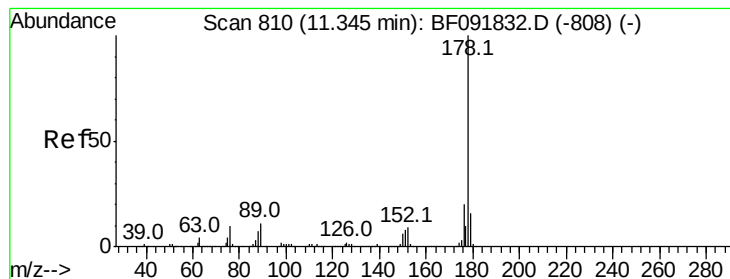
SOHIL
 12/23/2016 5:54:20 PM



#70
 Phenanthrene
 Concen: 48.71 ng
 RT: 11.31 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: BF091897.D
 Acq: 22 Dec 2016 20:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.6	25.0
179	16.1	12.8	19.2





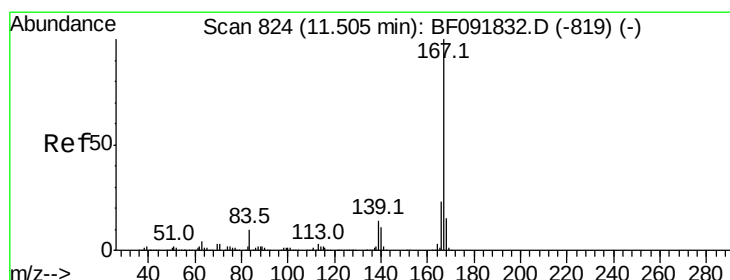
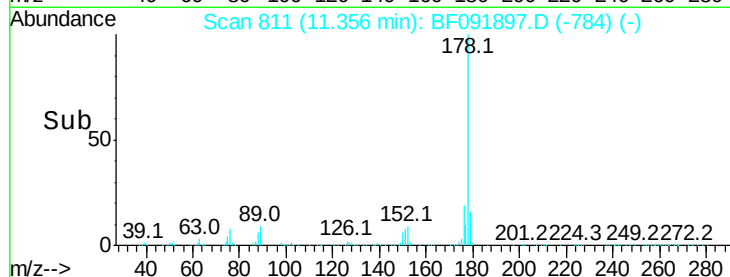
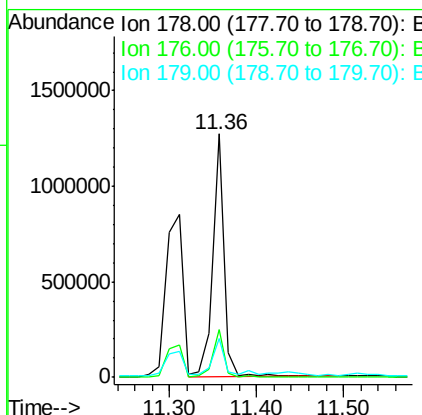
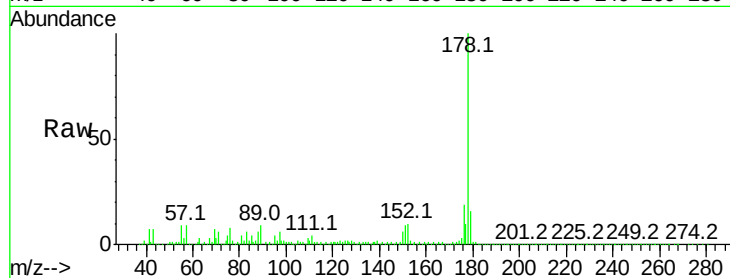
#71
 Anthracene
 Concen: 65.83 ng
 RT: 11.36 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: BF091897.D
 Acq: 22 Dec 2016 20:21

Instrument :
 BNA_F
 ClientSampleId :
 B-5MS

Tot Ion:178 Resp: 1168707
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 16.1 13.2 19.8

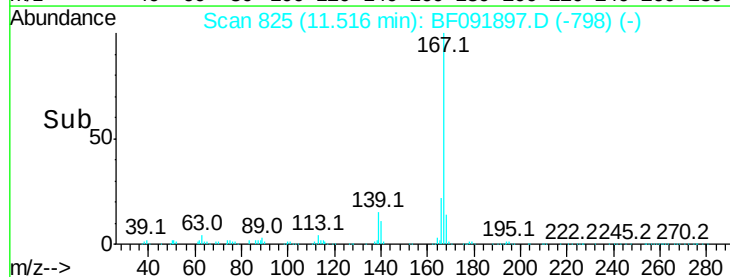
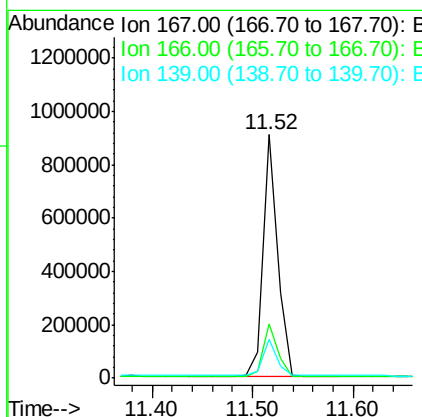
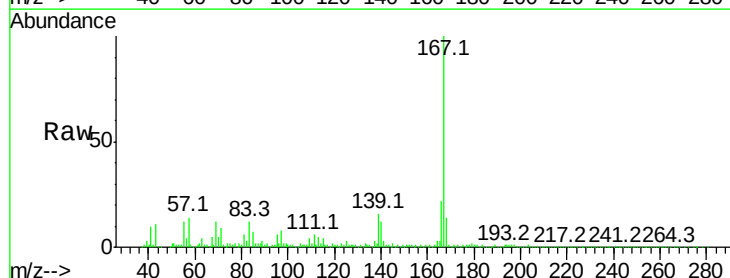
Manual Integrations
 APPROVED

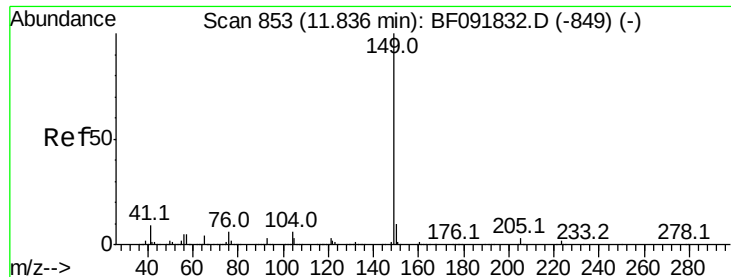
SOHIL
 12/23/2016 5:54:20 PM



#72
 Carbazole
 Concen: 41.48 ng
 RT: 11.52 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BF091897.D
 Acq: 22 Dec 2016 20:21

Tgt Ion:167 Resp: 912511
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 15.9 11.4 17.2





#73

Di-n-butylphthalate

Concen: 67.72 ng

RT: 11.85 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Instrument :

BNA_F

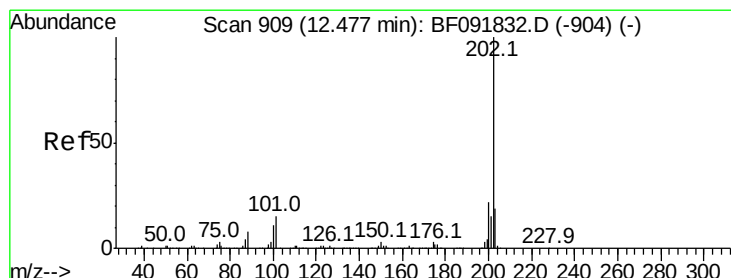
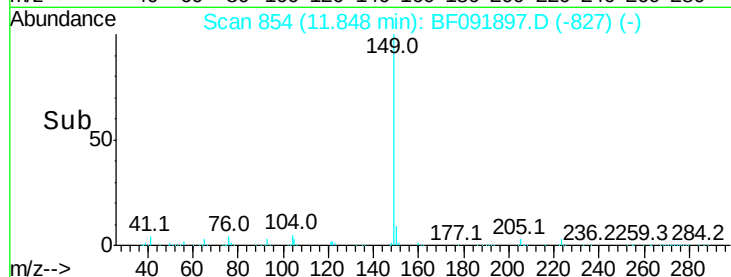
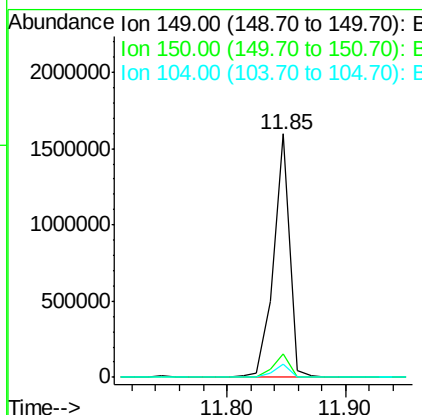
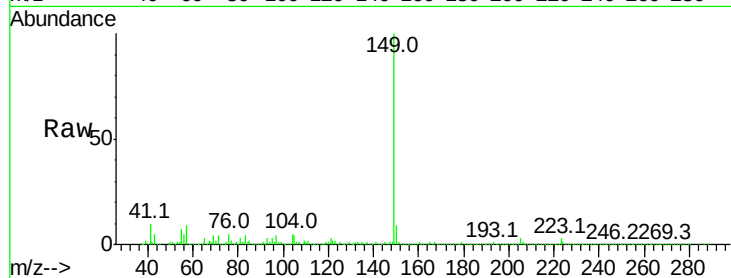
ClientSampleId :

B-5MS

Tot Ion:	149	Resp:	1476826
Ion Ratio	Lower	Upper	
149	100		
150	9.5	8.1	12.1
104	5.3	4.6	7.0

Manual Integrations
APPROVED

SOHIL
12/23/2016 5:54:20 PM



#74

Fluoranthene

Concen: 52.55 ng

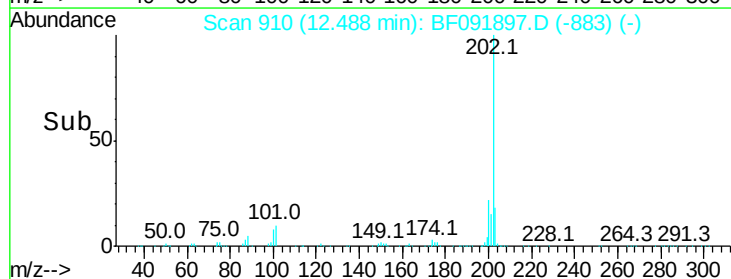
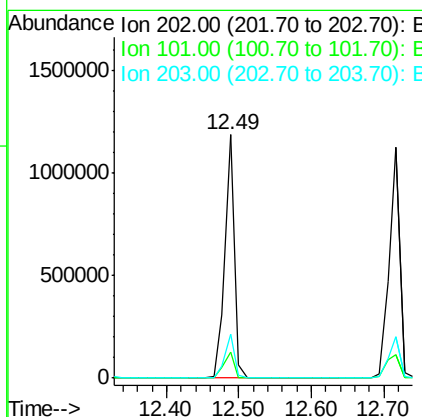
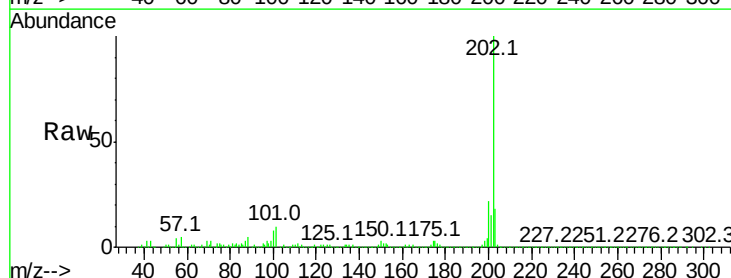
RT: 12.49 min Scan# 910

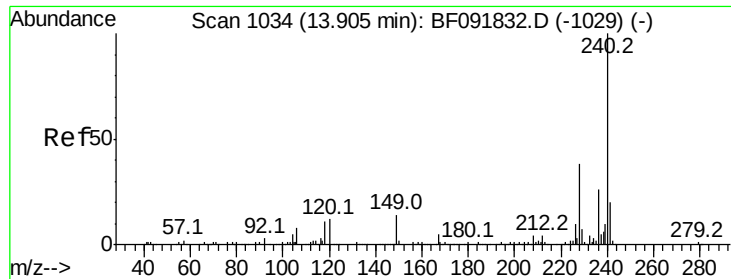
Delta R.T. 0.01 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Tgt Ion:	202	Resp:	1081224
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	34.6
203	18.1	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Instrument :

BNA_F

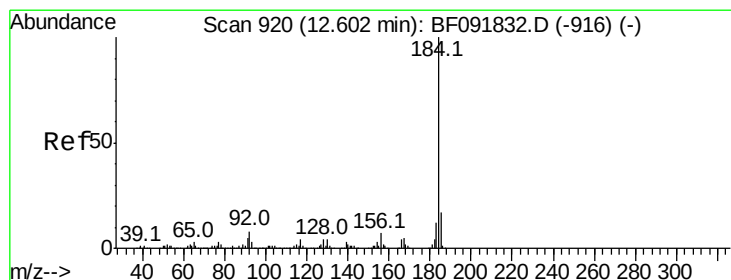
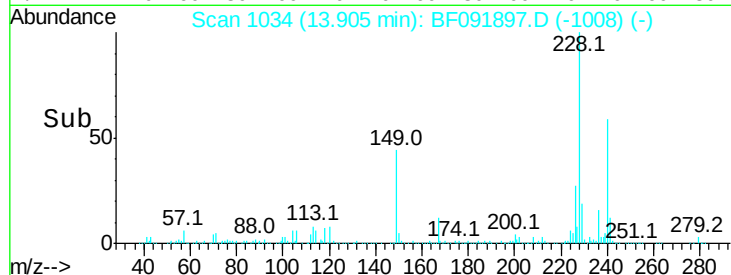
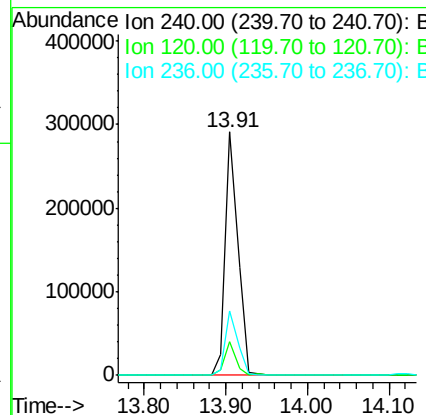
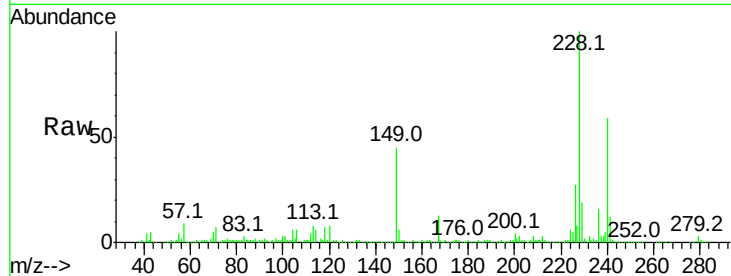
ClientSampleId :

B-5MS

Tot Ion:	240	Resp:	312607
Ion Ratio	Lower	Upper	
240	100		
120	14.1	12.9	19.3
236	26.5	20.9	31.3

Manual Integrations
APPROVED

SOHIL
12/23/2016 5:54:20 PM



#76

Benzidine

Concen: 23.03 ng

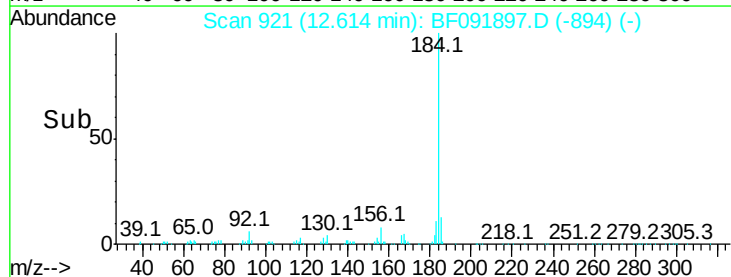
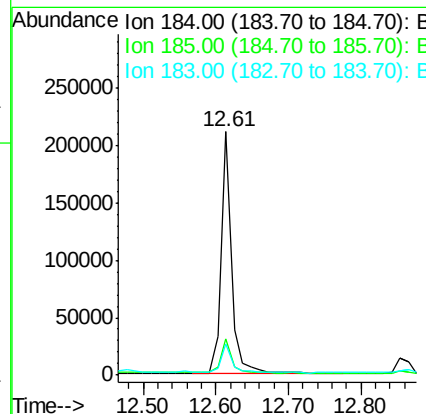
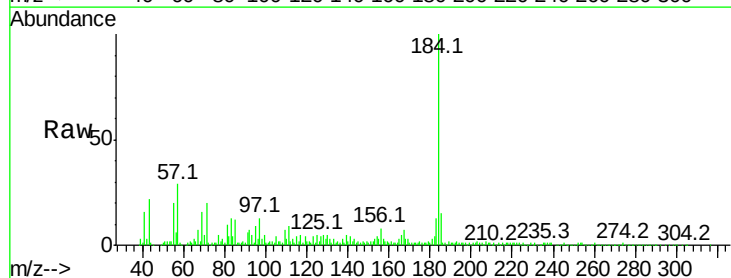
RT: 12.61 min Scan# 921

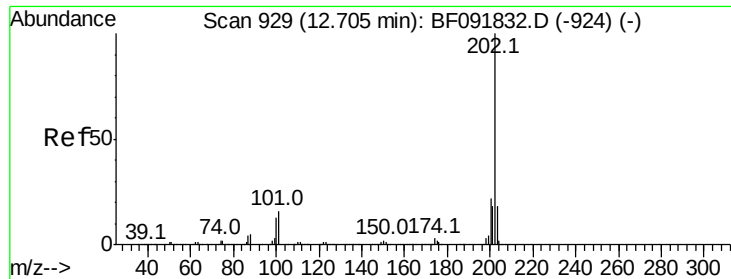
Delta R.T. 0.01 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Tgt Ion:	184	Resp:	209290
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.4	20.0
183	12.6	9.2	13.8





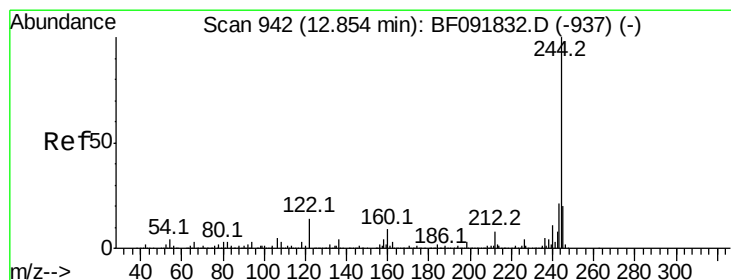
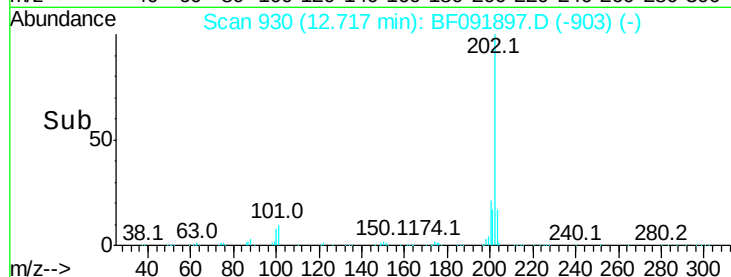
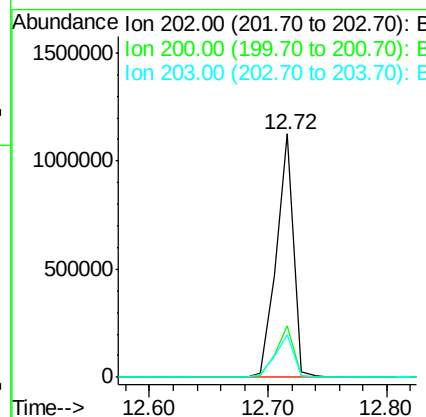
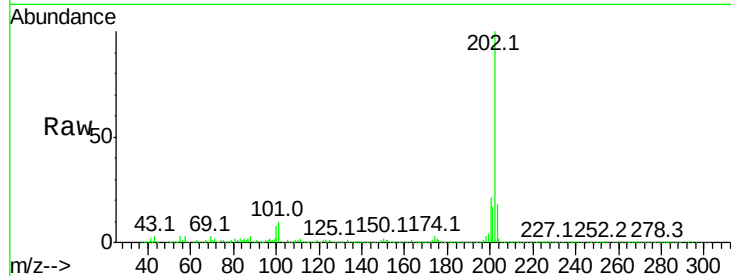
#77
Pvrene
Concen: 49.21 ng
RT: 12.72 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Instrument :
BNA_F
ClientSampleId :
B-5MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.7	26.5
203	17.8	14.7	22.1

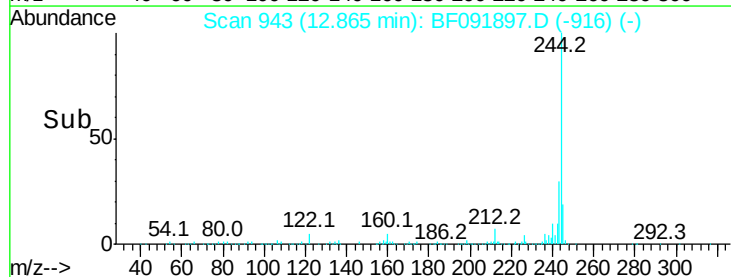
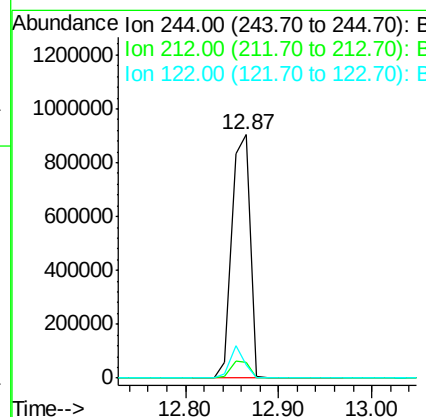
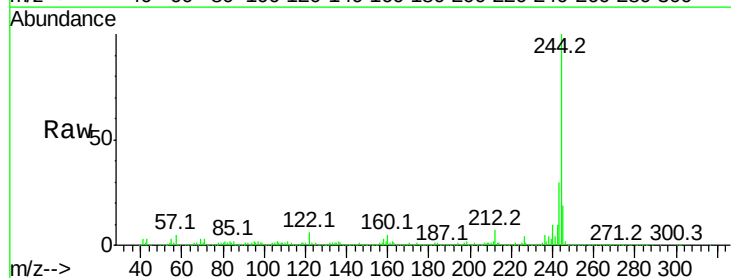
Manual Integrations
APPROVED

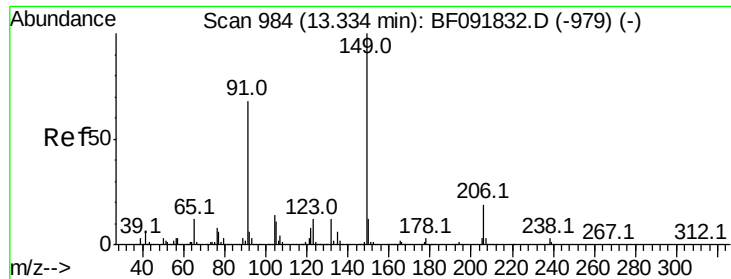
SOHIL
12/23/2016 5:54:20 PM



#78
Terphenyl-d14
Concen: 96.84 ng
RT: 12.87 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.2	9.2
122	5.7	11.4	17.2#





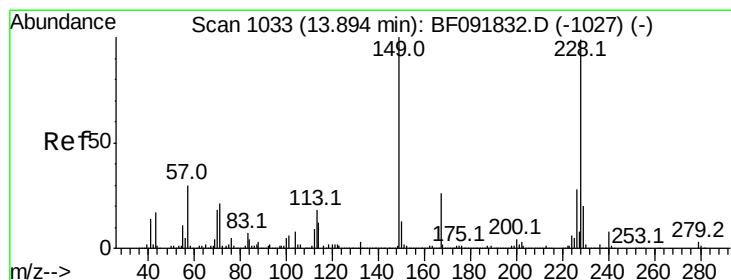
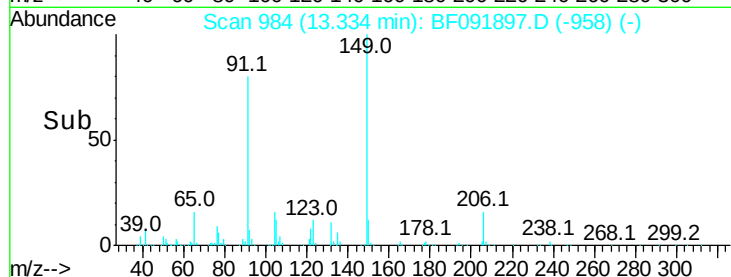
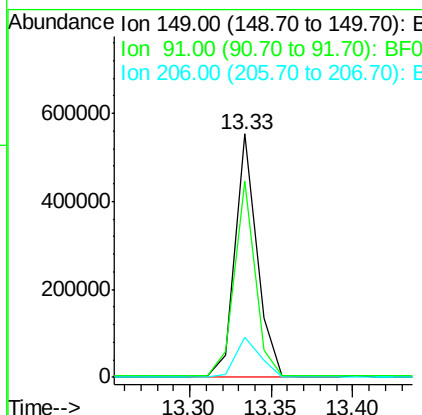
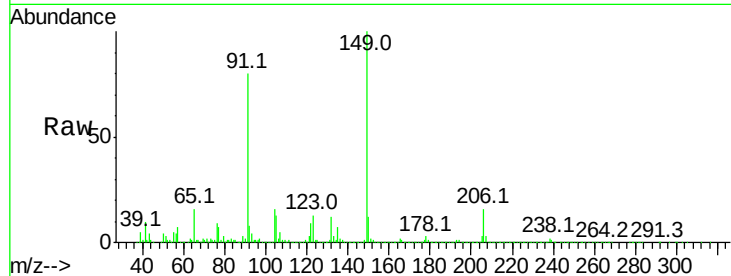
#79
Butylbenzylphthalate
Concen: 48.43 ng
RT: 13.33 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Instrument :
BNA_F
ClientSampled :
B-5MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	505177		
91	80.4	63.9	95.9	
206	16.5	14.6	21.8	

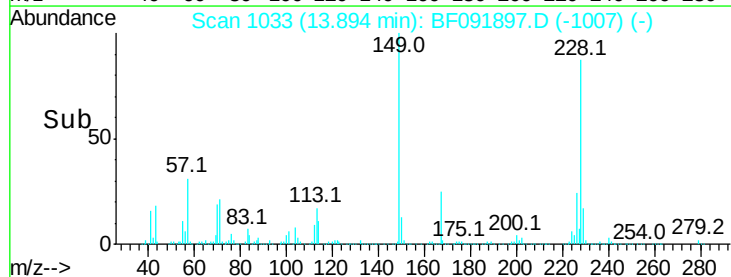
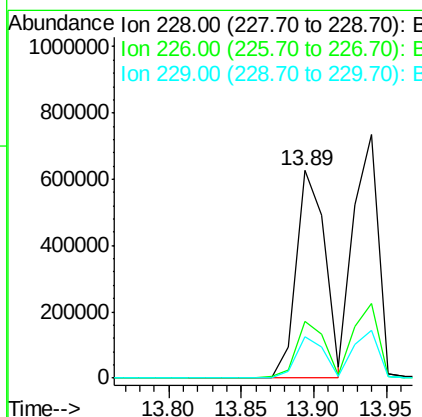
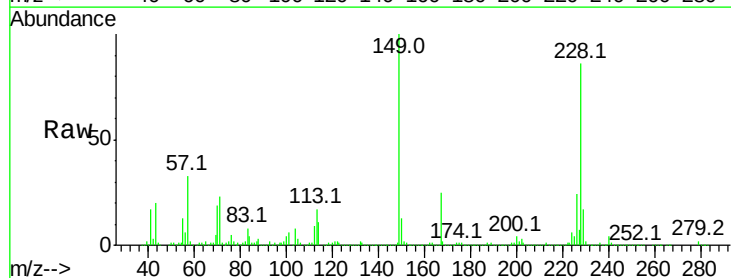
Manual Integrations
APPROVED

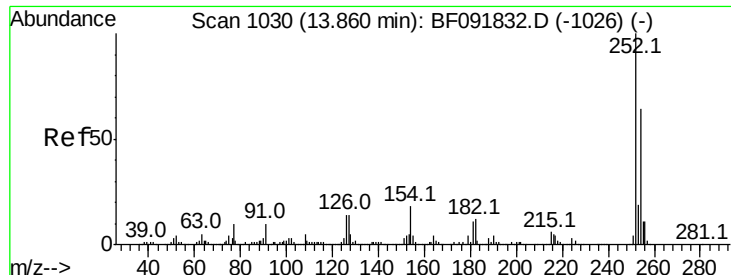
SOHIL
12/23/2016 5:54:20 PM



#80
Benzo(a)anthracene
Concen: 48.43 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	854555		
226	27.4	22.4	33.6	
229	20.1	16.2	24.4	





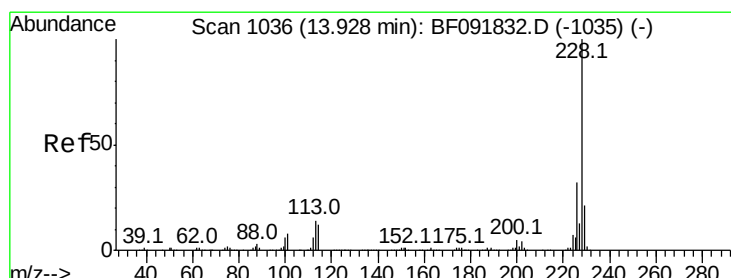
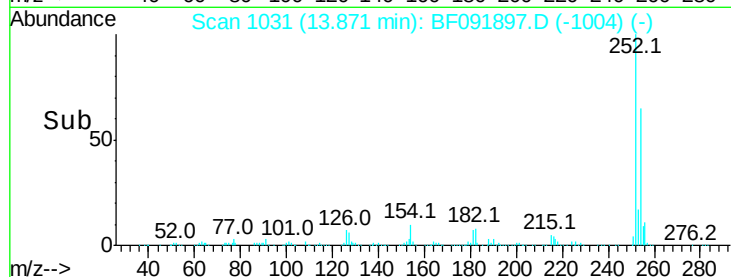
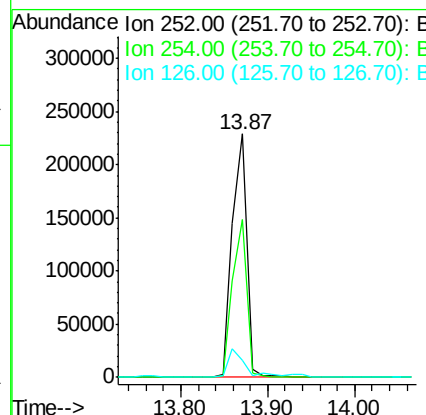
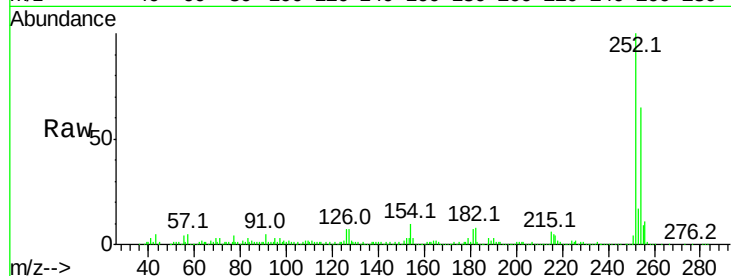
#81
 3,3'-Dichlorobenzidine
 Concen: 40.17 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: BF091897.D
 Acq: 22 Dec 2016 20:21

Instrument :
 BNA_F
 ClientSampleId :
 B-5MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.1	52.3	78.5
126	7.1	13.6	20.4

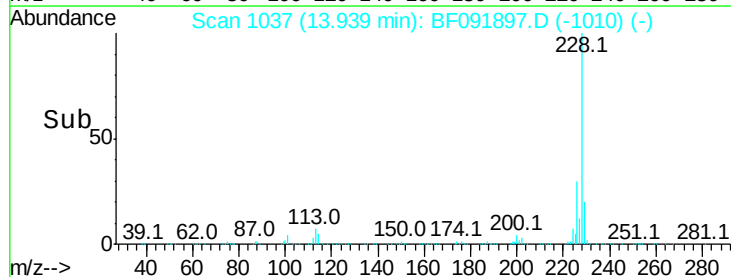
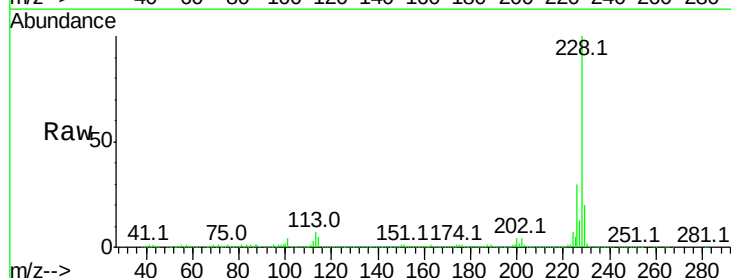
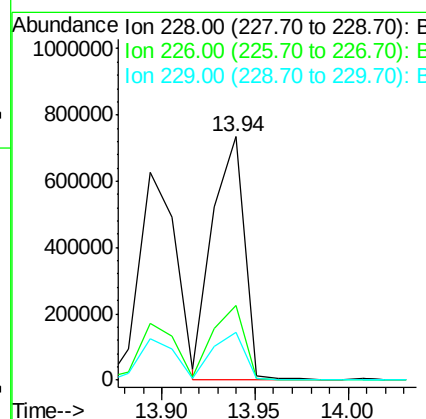
Manual Integrations
 APPROVED

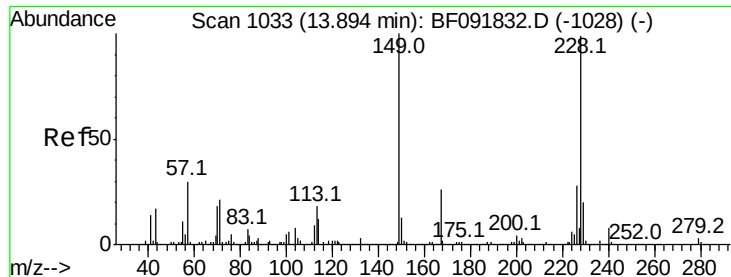
SOHIL
 12/23/2016 5:54:20 PM



#82
 Chrysene
 Concen: 49.37 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BF091897.D
 Acq: 22 Dec 2016 20:21

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	25.4	38.0
229	19.9	16.2	24.2





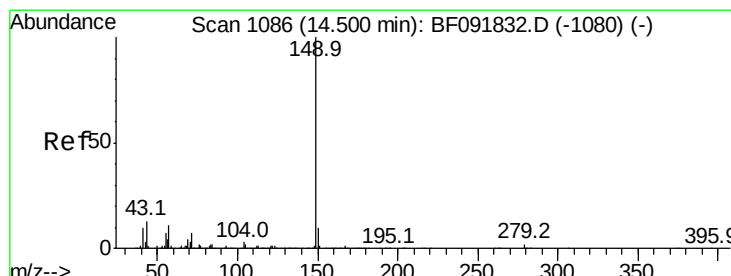
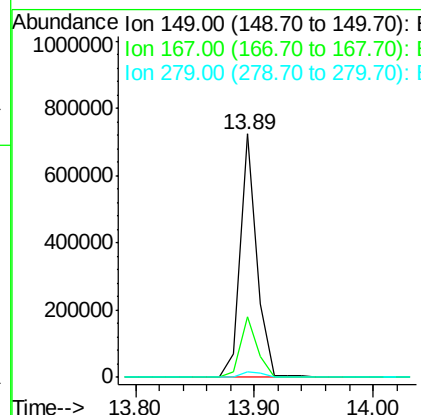
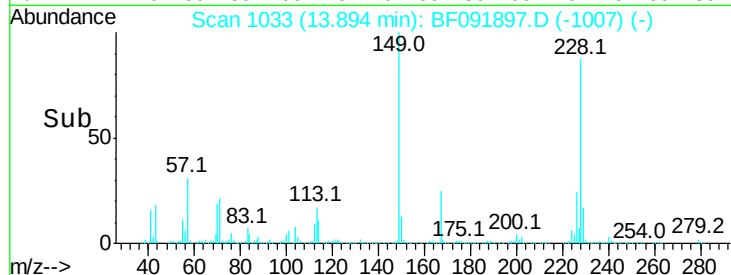
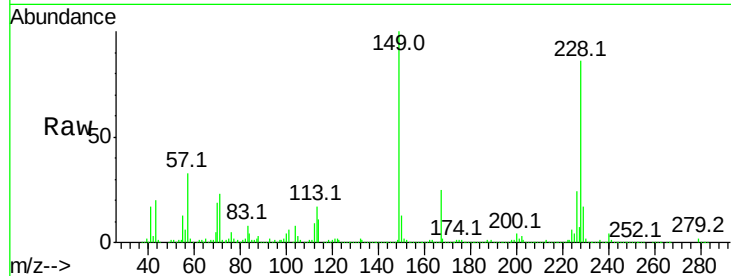
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.89 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF091897.D
 Acq: 22 Dec 2016 20:21

Instrument :
 BNA_F
 ClientSampleId :
 B-5MS

Tot Ion:	149	Resp:	698917
Ion Ratio		Lower	Upper
149	100		
167	24.8	20.2	30.4
279	2.5	1.8	2.8

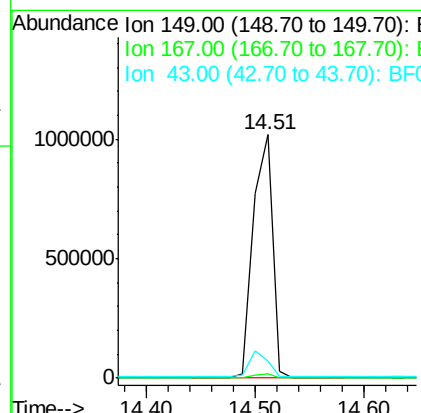
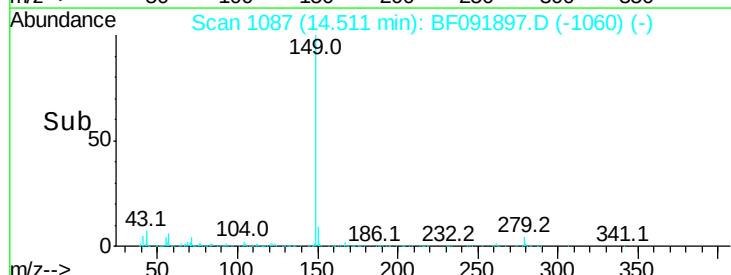
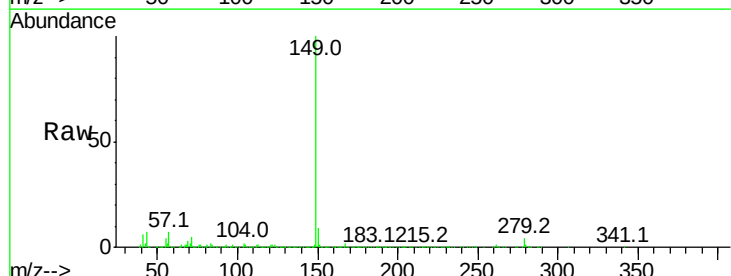
Manual Integrations
 APPROVED

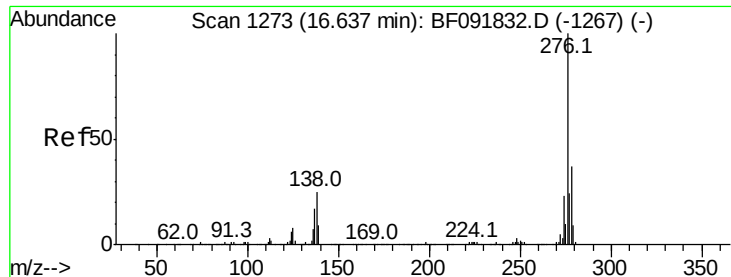
SOHIL
 12/23/2016 5:54:20 PM



#84
 Di-n-octyl phthalate
 Concen: 55.48 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. 0.01 min
 Lab File: BF091897.D
 Acq: 22 Dec 2016 20:21

Tgt Ion:	149	Resp:	1262588
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.5	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.82 ng

RT: 16.65 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Instrument :

BNA_F

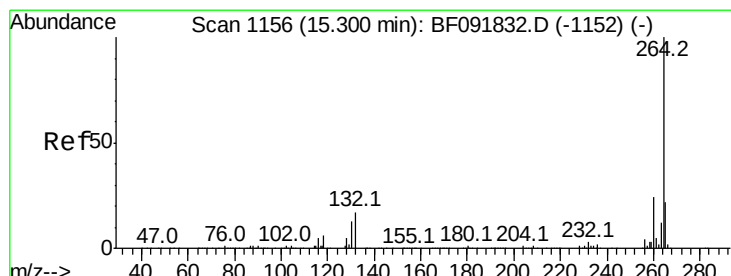
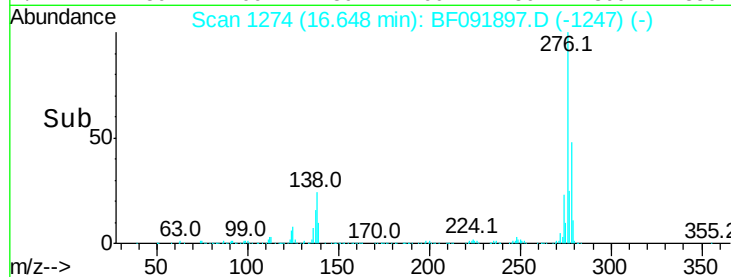
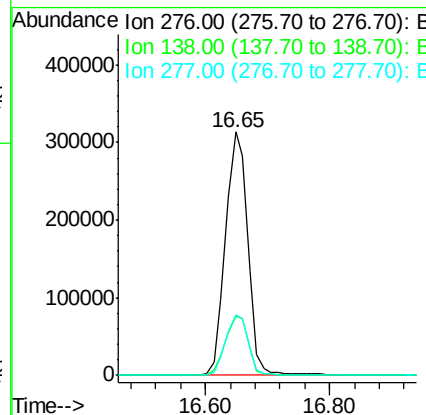
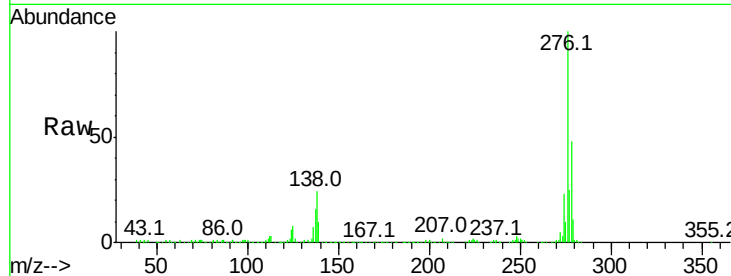
ClientSampleId :

B-5MS

Tot Ion:	276	Resp:	779315
Ion Ratio	Lower	Upper	
276	100		
138	25.5	21.8	32.6
277	25.3	20.2	30.4

Manual Integrations
APPROVED

SOHIL
12/23/2016 5:54:20 PM



#86

Perylene-d12

Concen: 20.00 ng

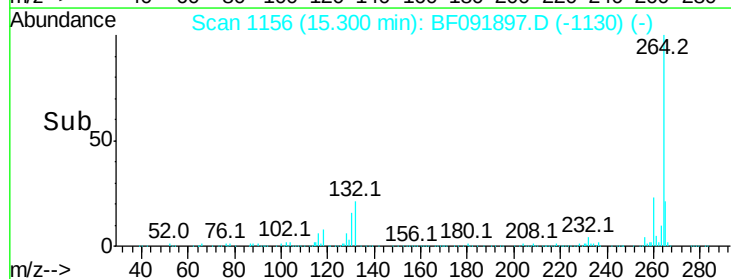
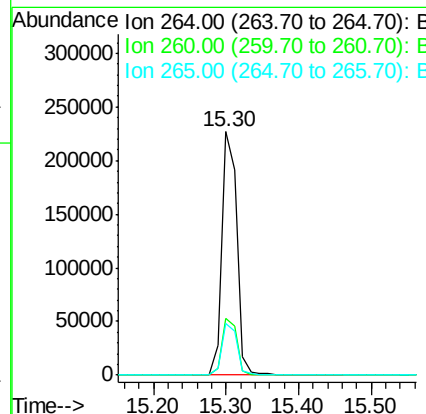
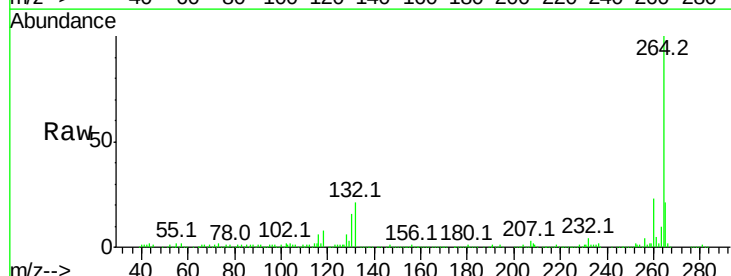
RT: 15.30 min Scan# 1156

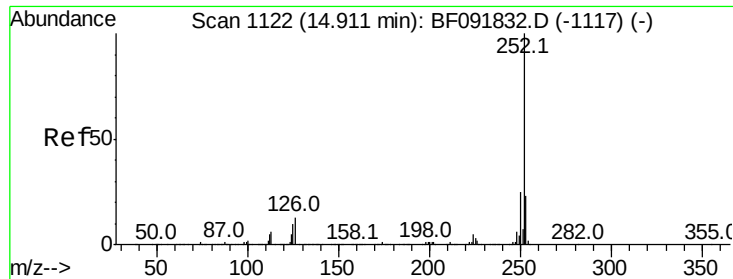
Delta R.T. -0.00 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Tgt Ion:	264	Resp:	324580
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.2	28.8
265	21.4	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 60.13 ng m

RT: 14.91 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Instrument :

BNA_F

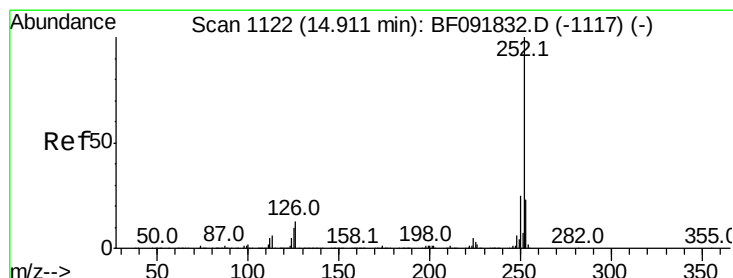
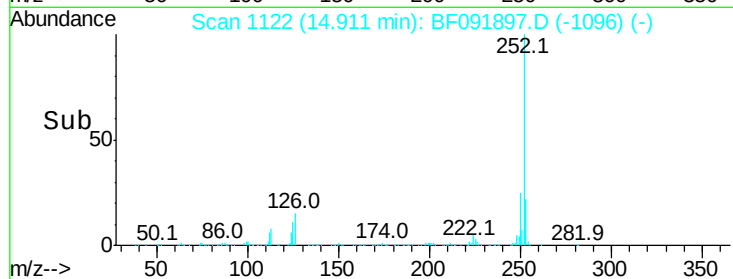
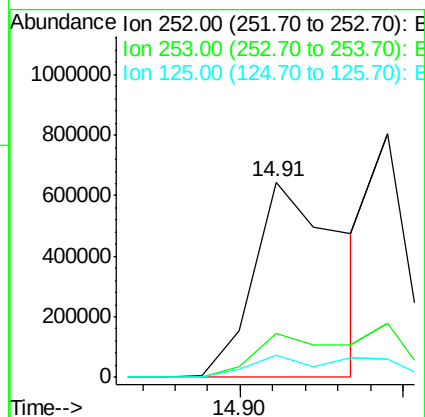
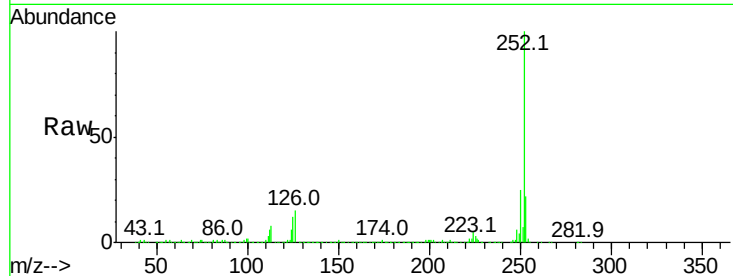
ClientSampled :

B-5MS

Tot Ion:	252	Resp:	1215215
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.2	27.4
125	11.6	9.8	14.6

Manual Integrations
APPROVED

SOHIL
12/23/2016 5:54:20 PM



#88

Benzo(k)fluoranthene

Concen: 34.39 ng m

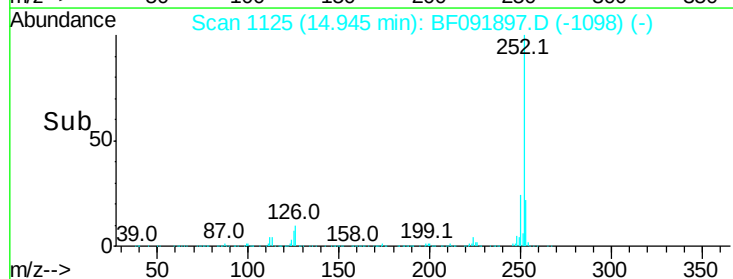
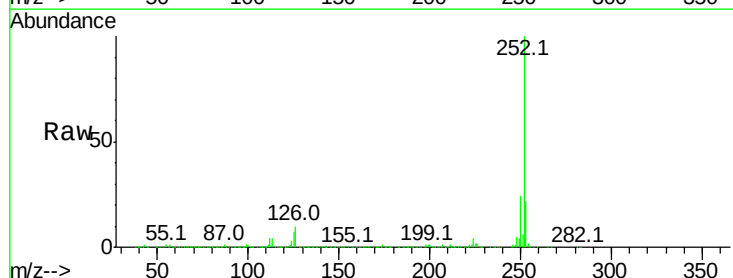
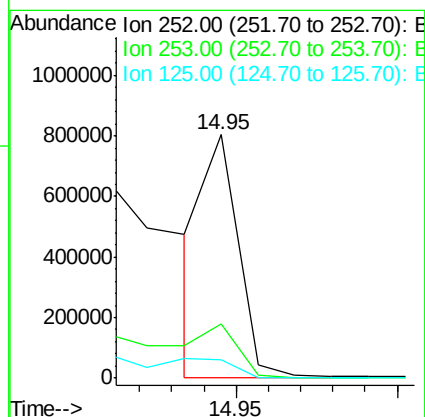
RT: 14.95 min Scan# 1125

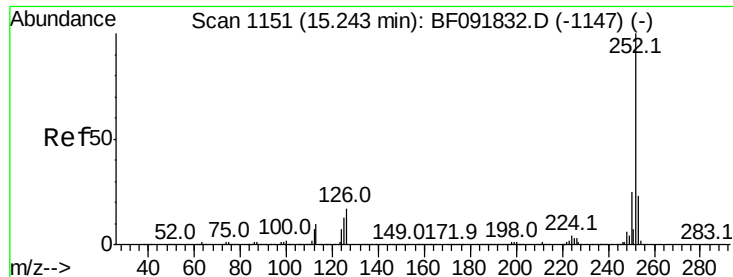
Delta R.T. 0.01 min

Lab File: BF091897.D

Acq: 22 Dec 2016 20:21

Tgt Ion:	252	Resp:	592547
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.5	27.7
125	7.4	8.9	13.3#





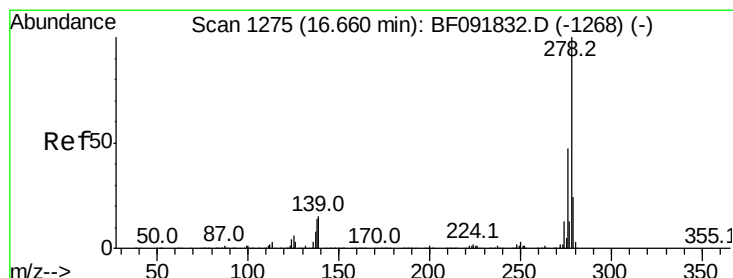
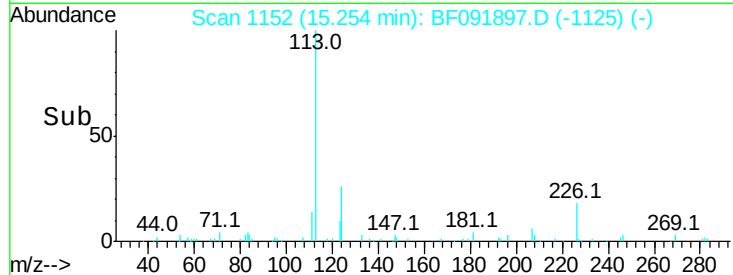
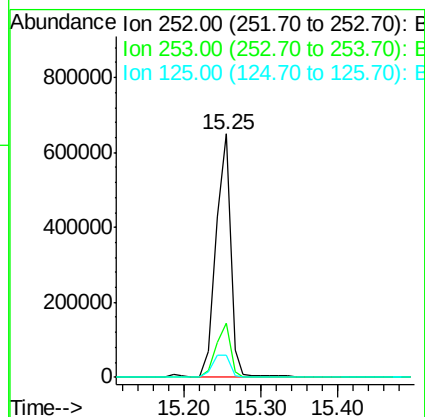
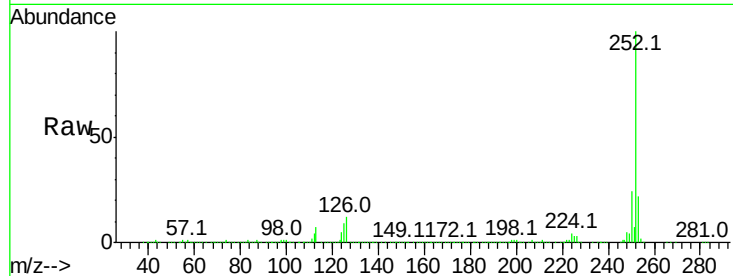
#89
Benzo(a)pyrene
Concen: 47.59 ng
RT: 15.25 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Instrument :
BNA_F
ClientSampled :
B-5MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.0	18.2	27.2
125	9.1	10.0	15.0#

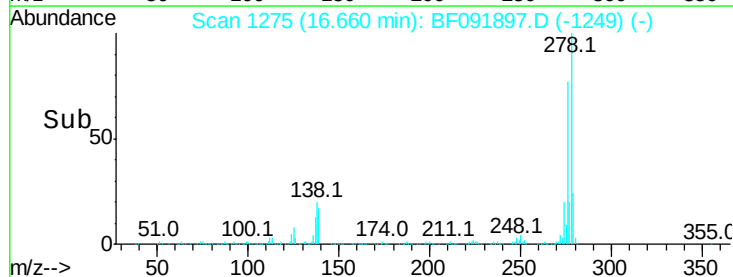
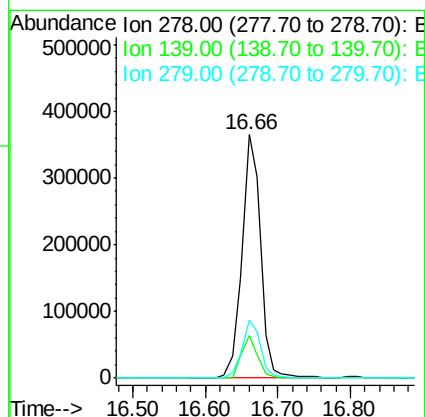
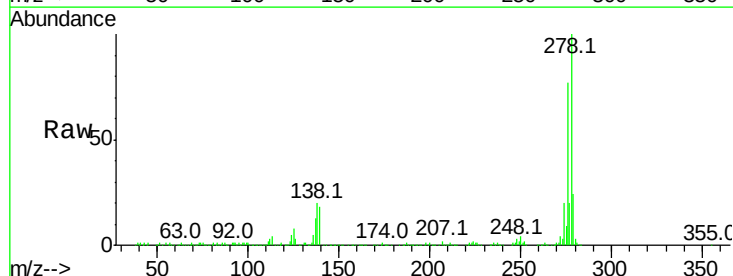
Manual Integrations
APPROVED

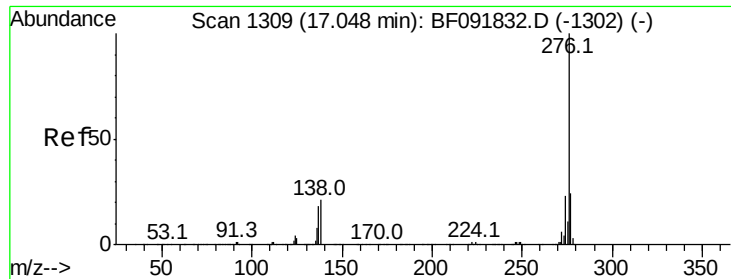
SOHIL
12/23/2016 5:54:20 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.57 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BF091897.D
Acq: 22 Dec 2016 20:21

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	17.5	14.8	22.2
279	23.8	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 40.28 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BF091897.D
 Acq: 22 Dec 2016 20:21

Instrument :
 BNA_F
 ClientSampleId :
 B-5MS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	617540		
277	24.2		19.2	28.8
138	22.8		16.0	24.0

Manual Integrations
 APPROVED

SOHIL
 12/23/2016 5:54:20 PM

