

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
 Data File : BF091140.D
 Acq On : 11 Nov 2016 15:16
 Operator : UM/SJ
 Sample : PB94644BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94644BS

Manual Integrations
 APPROVED

sohil
 11/14/2016 6:36:59 PM

Quant Time: Nov 11 16:39:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	158546m	20.00	ng	-0.01
21) Naphthalene-d8	7.93	136	648531	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	361111	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	638673	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	612854	20.00	ng	-0.02
86) Perylene-d12	15.15	264	457660	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	620309	64.62	ng	0.00
7) Phenol-d6	6.29	99	768133	58.95	ng	-0.02
23) Nitrobenzene-d5	7.22	82	962444	80.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	199395	61.08	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	1653283	78.82	ng	-0.02
78) Terphenyl-d14	12.74	244	1591716	64.81	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.21	88	164065	29.88	ng	# 94
3) Pyridine	2.85	79	439884	34.24	ng	89
4) n-Nitrosodimethylamine	2.81	42	154889	30.48	ng	89
6) Aniline	6.30	93	332215m	21.62	ng	
8) 2-Chlorophenol	6.43	128	422370	36.88	ng	85
9) Benzaldehyde	6.20	77	33075m	4.57	ng	
10) Phenol	6.30	94	472809	32.79	ng	89
11) bis(2-Chloroethyl)ether	6.38	93	422574	34.78	ng	90
12) 1,3-Dichlorobenzene	6.58	146	431008m	37.22	ng	
13) 1,4-Dichlorobenzene	6.66	146	453037	36.46	ng	96
14) 1,2-Dichlorobenzene	6.81	146	403222	35.36	ng	96
15) Benzyl Alcohol	6.80	79	317249	34.52	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.93	45	471870	27.12	ng	86
17) 2-Methylphenol	6.92	107	326623	36.03	ng	99
18) Hexachloroethane	7.15	117	169903m	35.33	ng	
19) n-Nitroso-di-n-propylamine	7.07	70	306481	33.94	ng	93
20) 3+4-Methylphenols	7.08	107	439504	40.38	ng	94
22) Acetophenone	7.06	105	562654	37.68	ng	# 94
24) Nitrobenzene	7.23	77	450407	34.30	ng	93
25) Isophorone	7.48	82	790043	34.49	ng	# 93
26) 2-Nitrophenol	7.55	139	210186	37.83	ng	# 82
27) 2,4-Dimethylphenol	7.61	122	362667	39.47	ng	97
28) bis(2-Chloroethoxy)methane	7.70	93	460789	36.82	ng	99
29) 2,4-Dichlorophenol	7.80	162	339269	42.30	ng	95
30) 1,2,4-Trichlorobenzene	7.87	180	351759	39.01	ng	99
31) Naphthalene	7.95	128	1144387	36.90	ng	100
32) Benzoic acid	7.76	122	169662	26.24	ng	89
33) 4-Chloroaniline	8.02	127	186907	14.49	ng	99
34) Hexachlorobutadiene	8.08	225	207432	42.62	ng	98
35) Caprolactam	8.38	113	109604m	43.50	ng	
36) 4-Chloro-3-methylphenol	8.51	107	357477	36.82	ng	93
37) 2-Methylnaphthalene	8.65	142	832555	41.76	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	339119	36.83	ng	99
40) Hexachlorocyclopentadiene	8.80	237	289642	81.01	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
 Data File : BF091140.D
 Acq On : 11 Nov 2016 15:16
 Operator : UM/SJ
 Sample : PB94644BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94644BS

Manual Integrations
 APPROVED

sohil
 11/14/2016 6:36:59 PM

Quant Time: Nov 11 16:39:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	227284	38.24	nq	98
43) 2,4,5-Trichlorophenol	8.98	196	252741	40.50	nq	97
45) 1,1'-Biphenyl	9.10	154	897754	34.05	nq	99
46) 2-Chloronaphthalene	9.13	162	715434	35.74	nq	98
47) 2-Nitroaniline	9.24	65	273369	36.80	nq	# 79
48) Acenaphthylene	9.54	152	1115143	35.74	nq	100
49) Dimethylphthalate	9.42	163	918529	38.79	nq	98
50) 2,6-Dinitrotoluene	9.48	165	221262	43.60	nq	# 70
51) Acenaphthene	9.71	154	666502	34.03	nq	99
52) 3-Nitroaniline	9.65	138	117913	19.59	nq	80
53) 2,4-Dinitrophenol	9.77	184	177162	65.34	nq	89
54) Dibenzofuran	9.88	168	1023753	38.83	nq	97
55) 4-Nitrophenol	9.84	139	271632	68.65	nq	# 80
56) 2,4-Dinitrotoluene	9.88	165	261270	40.47	nq	# 60
57) Fluorene	10.22	166	781846	36.28	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	189410	38.74	nq	98
59) Diethylphthalate	10.11	149	900616	37.10	nq	96
60) 4-Chlorophenyl-phenylether	10.22	204	419617	42.78	nq	93
61) 4-Nitroaniline	10.27	138	222589	36.56	nq	90
62) Azobenzene	10.38	77	1120121	39.19	nq	95
64) 4,6-Dinitro-2-methylphenol	10.29	198	140503	35.93	nq	# 44
65) n-Nitrosodiphenylamine	10.35	169	764394	37.65	nq	100
66) 4-Bromophenyl-phenylether	10.70	248	221589	33.36	nq	93
67) Hexachlorobenzene	10.77	284	269196	36.74	nq	98
68) Atrazine	10.88	200	214400	36.61	nq	97
69) Pentachlorophenol	10.98	266	244186	75.25	nq	99
70) Phenanthrene	11.18	178	1311366	38.62	nq	100
71) Anthracene	11.23	178	1238949	34.32	nq	100
72) Carbazole	11.39	167	1147959	35.29	nq	100
73) Di-n-butylphthalate	11.73	149	1479682	36.17	nq	99
74) Fluoranthene	12.36	202	1214452	34.49	nq	98
76) Benzidine	12.50	184	552261	40.34	nq	97
77) Pyrene	12.59	202	1335574	33.28	nq	100
79) Butylbenzylphthalate	13.22	149	641866	33.43	nq	93
80) Benzo(a)anthracene	13.78	228	1171651	33.67	nq	99
81) 3,3'-Dichlorobenzidine	13.75	252	210971	17.26	nq	# 97
82) Chrysene	13.81	228	1175061	34.25	nq	98
83) Bis(2-ethylhexyl)phthalate	13.78	149	789514	30.39	nq	# 99
84) Di-n-octyl phthalate	14.39	149	1441018	33.73	nq	96
85) Indeno(1,2,3-cd)pyrene	16.43	276	952853	33.47	nq	97
87) Benzo(b)fluoranthene	14.79	252	1270713m	40.94	nq	
88) Benzo(k)fluoranthene	14.81	252	939014m	34.49	nq	
89) Benzo(a)pyrene	15.11	252	1027807	38.04	nq	99
90) Dibenzo(a,h)anthracene	16.44	278	815840	34.92	nq	97
91) Benzo(g,h,i)perylene	16.81	276	743154	35.18	nq	97

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

```

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091140.D
Acq On    : 11 Nov 2016   15:16
Operator  : UM/SJ
Sample    : PB94644BS
Misc      :
ALS Vial  : 4      Sample Multiplier: 1

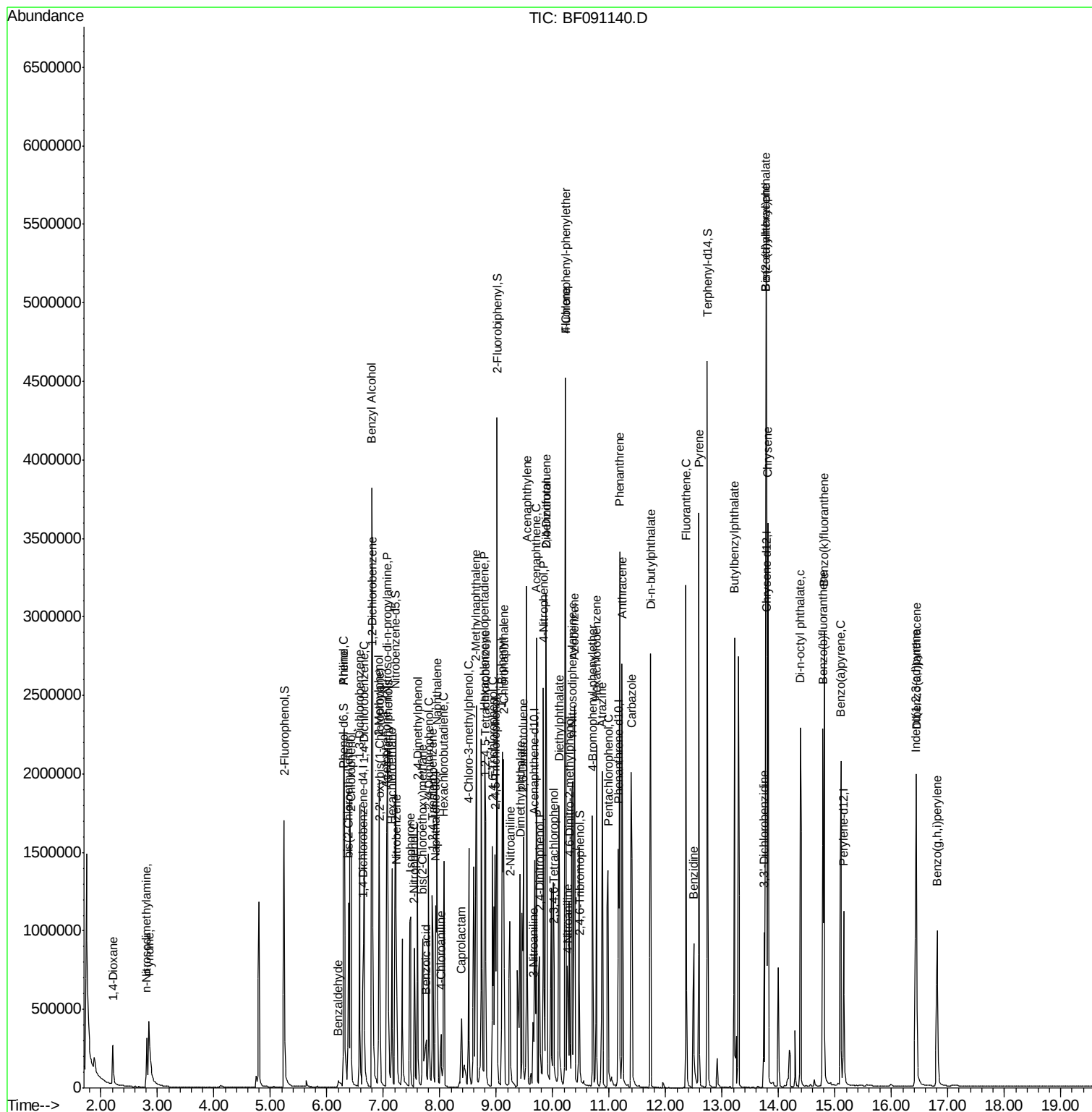
```

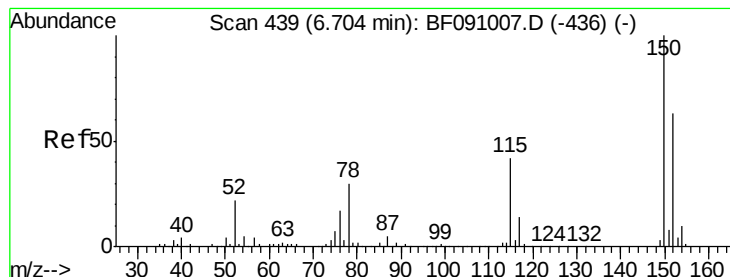
Instrument :
BNA_F
ClientSampleId :
PB94644BS

Manual Integrations APPROVED

sohil
11/14/2016 6:36:59 PM

Quant Time: Nov 11 16:39:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration





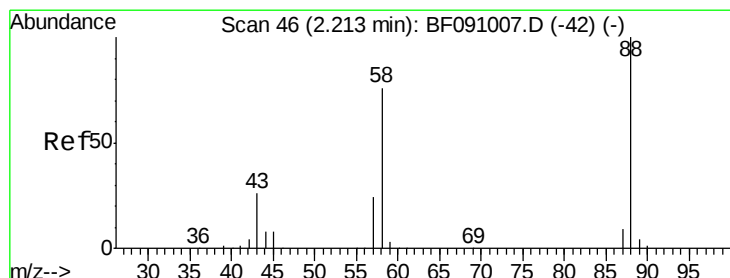
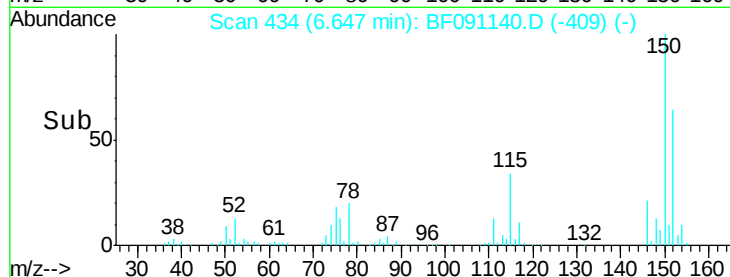
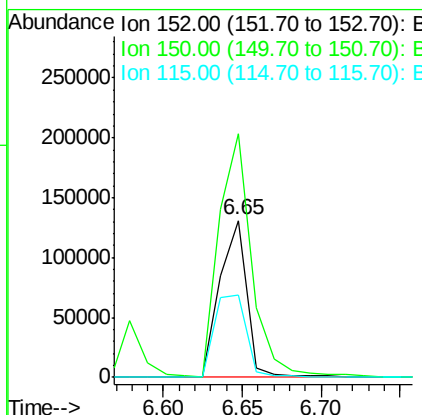
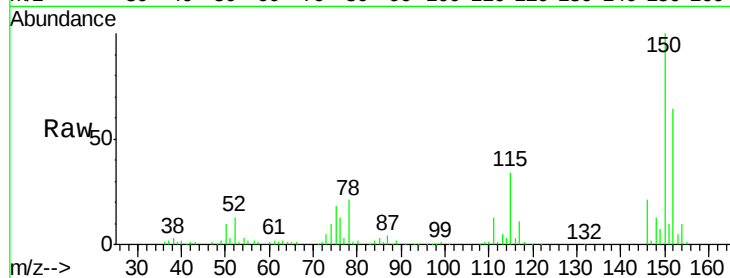
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng/ml
 RT: 6.65 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Instrument :
 BNA_F
 ClientSampleID :
 PB94644BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.8	190.2
115	52.8	53.3	79.9

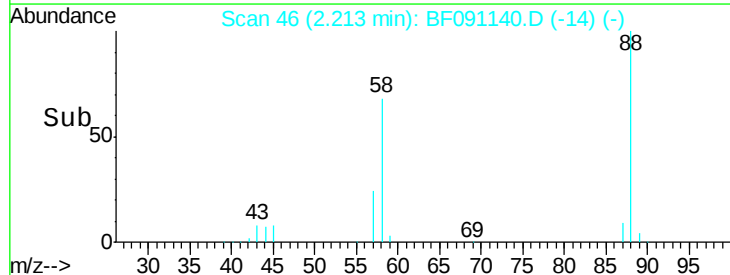
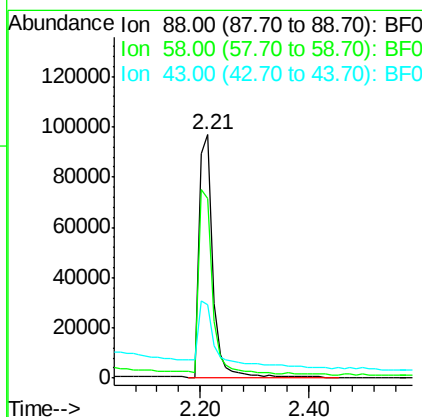
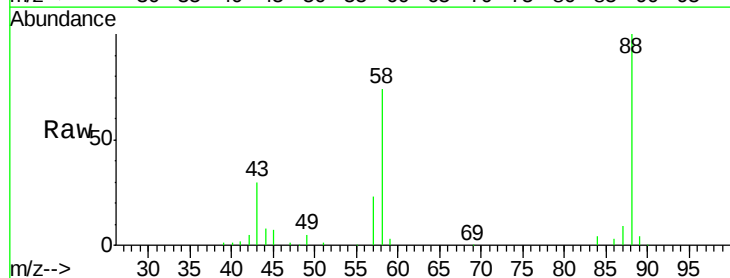
Manual Integrations
 APPROVED

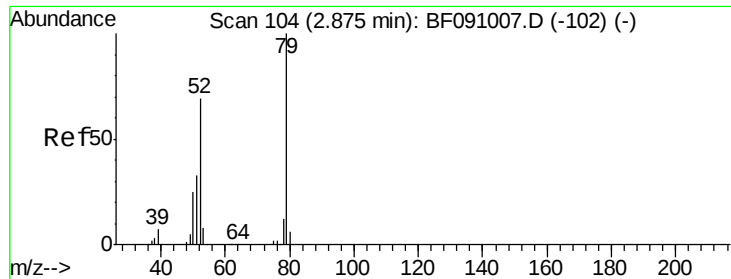
sohil
 11/14/2016 6:36:59 PM



#2
 1,4-Dioxane
 Concen: 29.88 ng
 RT: 2.21 min Scan# 46
 Delta R.T. 0.07 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.1	63.8	95.6
43	38.7	22.6	33.8





#3

Pvridine

Concen: 34.24 ng

RT: 2.85 min Scan# 102

Delta R.T. 0.07 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

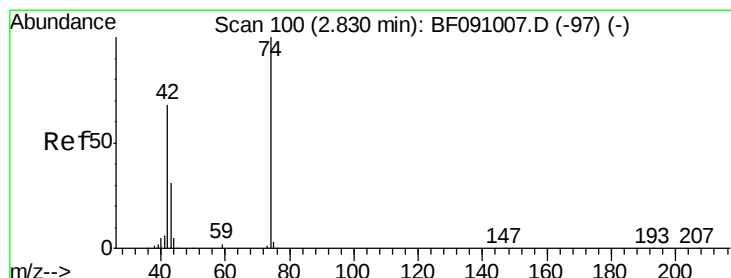
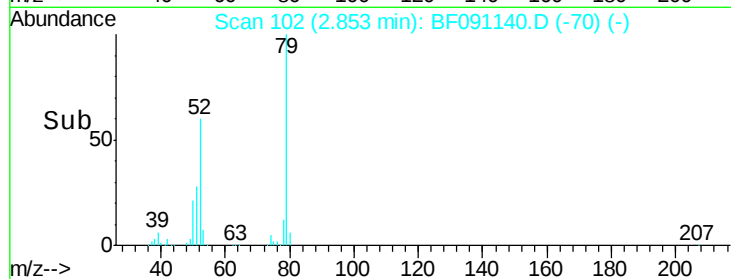
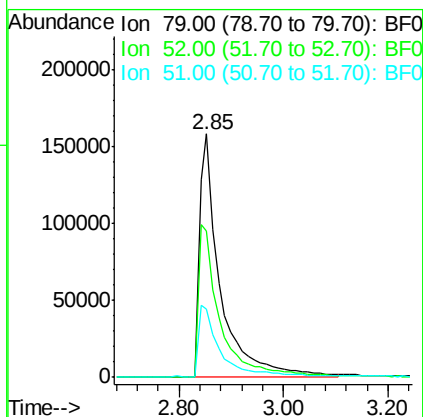
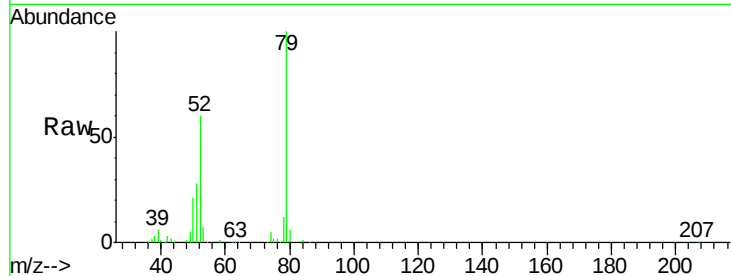
ClientSampleId :

PB94644BS

Tot Ion:	79	Resp:	439884
Ion Ratio	Lower	Upper	
79	100		
52	60.3	55.4	83.0
51	28.3	27.4	41.0

Manual Integrations
APPROVED

sohil
11/14/2016 6:36:59 PM



#4

n-Nitrosodimethylamine

Concen: 30.48 ng

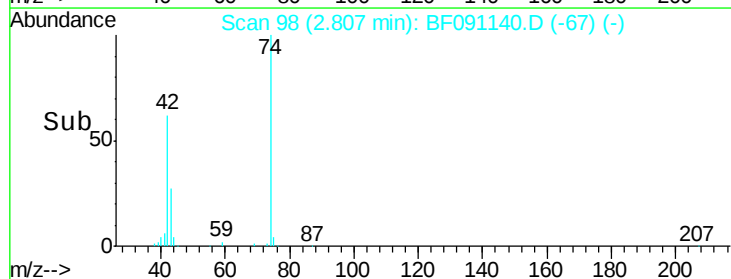
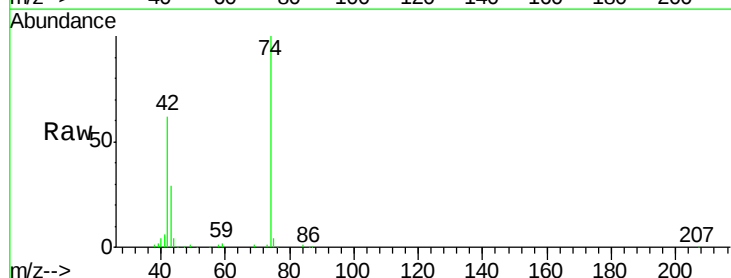
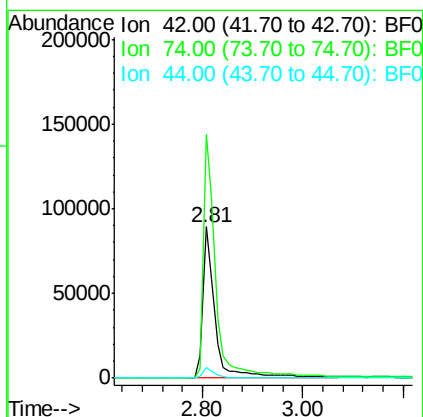
RT: 2.81 min Scan# 98

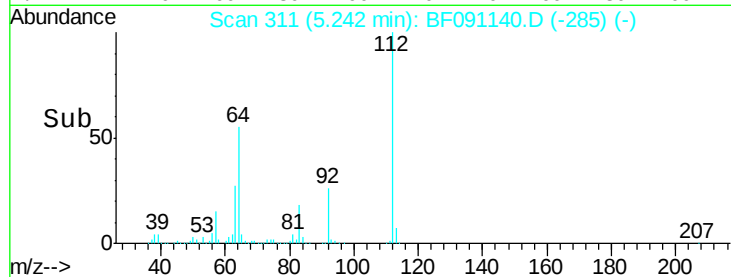
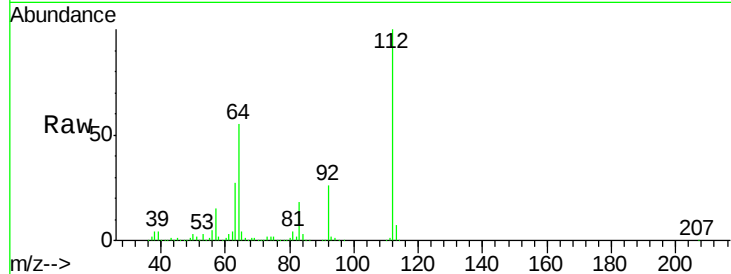
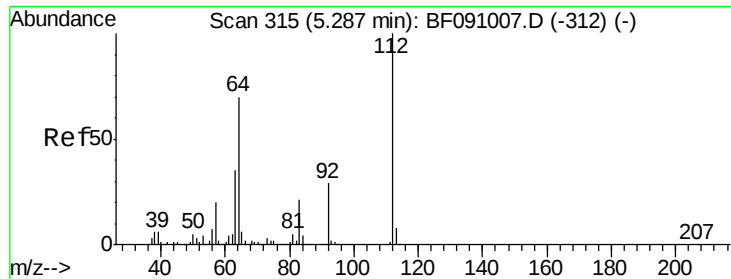
Delta R.T. 0.06 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Tgt Ion:	42	Resp:	154889
Ion Ratio	Lower	Upper	
42	100		
74	161.1	117.3	175.9
44	7.2	5.8	8.8





#5

2-Fluorophenol

Concen: 64.62 ng

RT: 5.24 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Tot Ion:	112	Resp:	620309
Ion Ratio	Lower	Upper	
112	100		
64	54.8	55.8	83.6#
63	26.8	28.0	42.0#

Instrument :

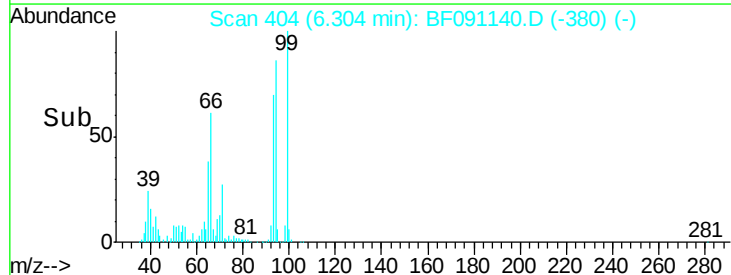
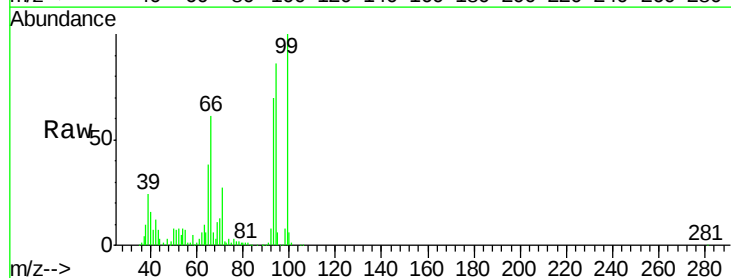
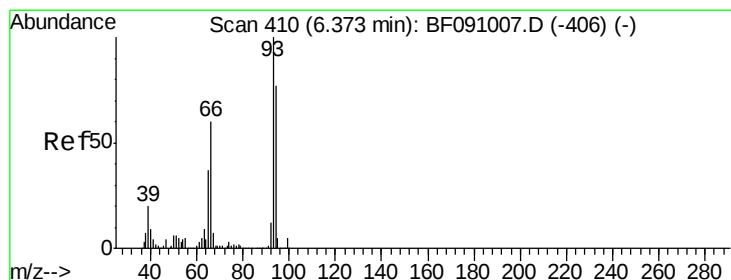
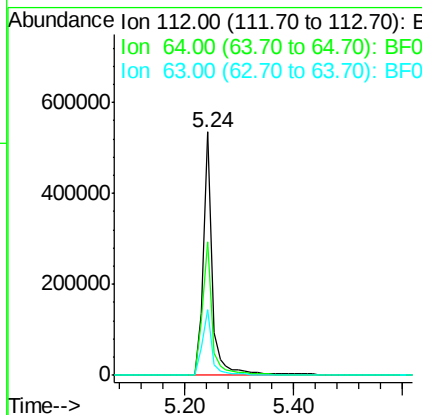
BNA_F

ClientSampleId :

PB94644BS

Manual Integrations
APPROVED

sohil
11/14/2016 6:36:59 PM



#6

Aniline

Concen: 21.62 ng m

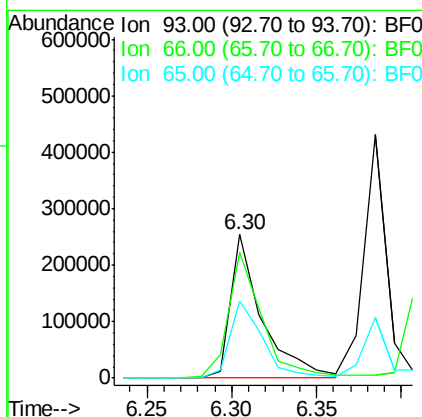
RT: 6.30 min Scan# 404

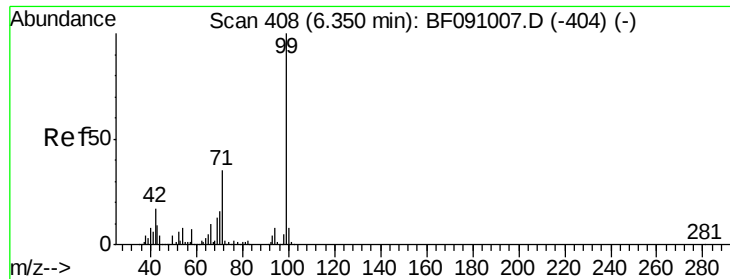
Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Tgt Ion:	93	Resp:	332215
Ion Ratio	Lower	Upper	
93	100		
66	87.7	48.2	72.2#
65	54.0	29.4	44.0#





#7

Phenol-d6

Concen: 58.95 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

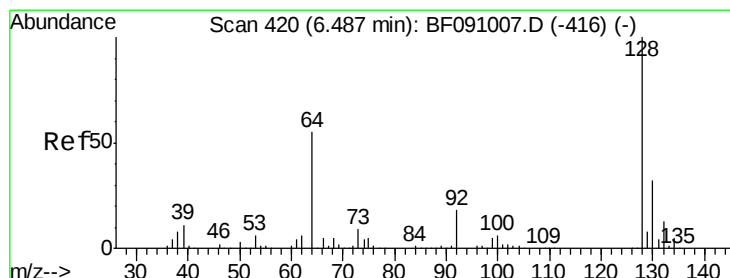
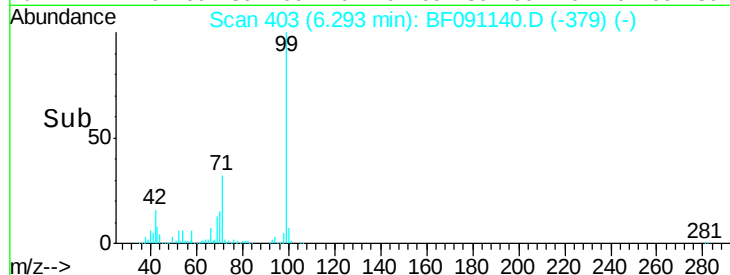
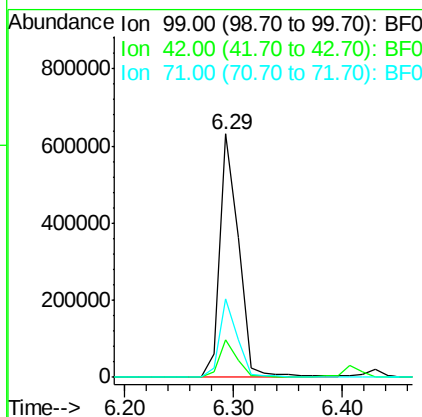
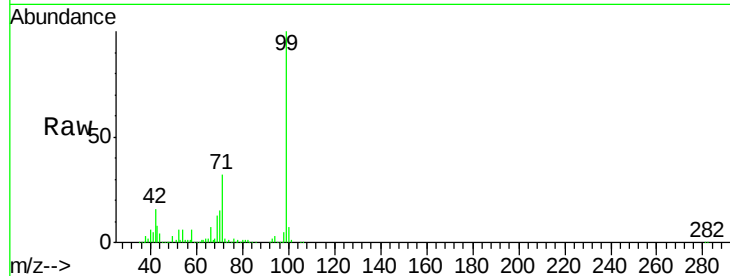
ClientSampleId :

PB94644BS

Tot Ion:	99	Resp:	768133
Ion Ratio	Lower	Upper	
99	100		
42	15.6	13.9	20.9
71	32.4	27.8	41.8

Manual Integrations
APPROVED

sohil
11/14/2016 6:36:59 PM



#8

2-Chlorophenol

Concen: 36.88 ng

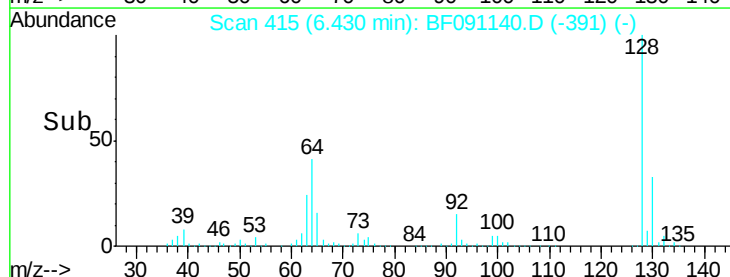
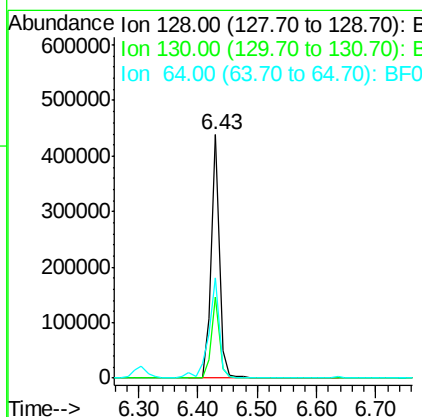
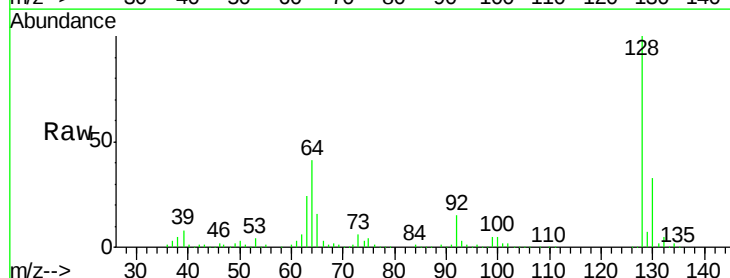
RT: 6.43 min Scan# 415

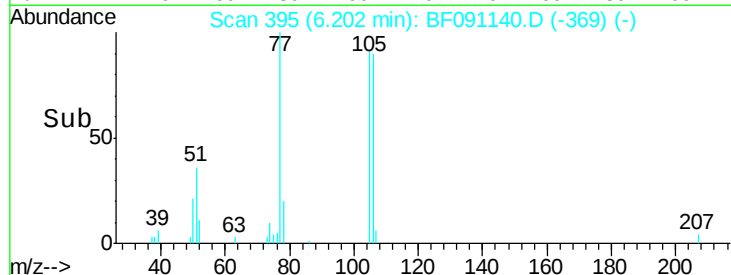
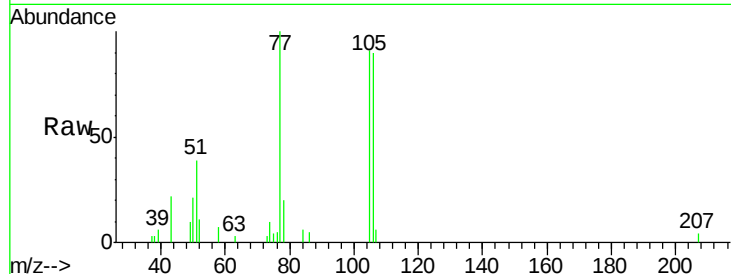
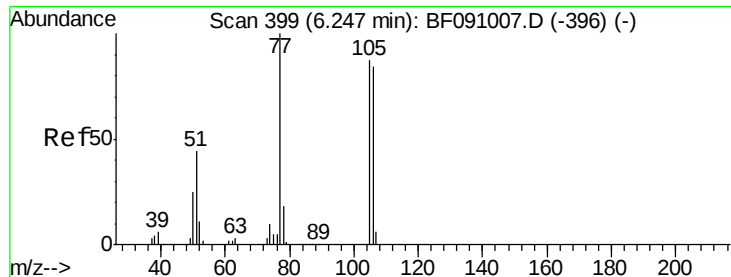
Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Tgt Ion:	128	Resp:	422370
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.0	52.0
64	41.2	37.2	77.2





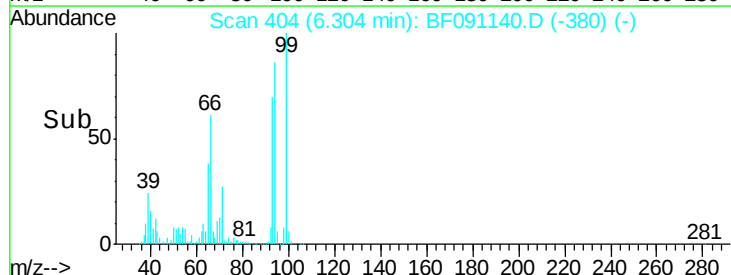
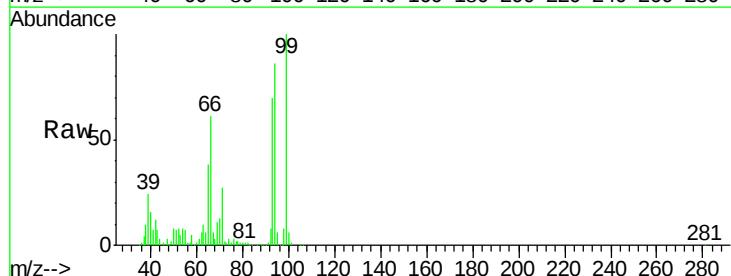
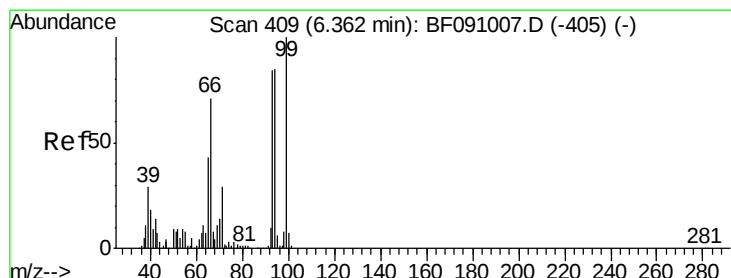
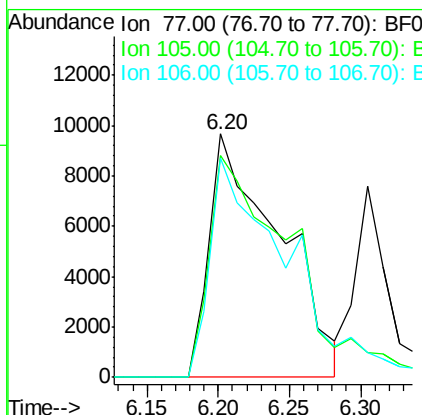
#9
Benzaldehyde
Concen: 4.57 ng/ml
RT: 6.20 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tot Ion	Ratio	Lower	Upper
77	100		
105	91.2	66.8	106.8
106	90.3	64.0	104.0

Instrument :
BNA_F
ClientSampleId :
PB94644BS

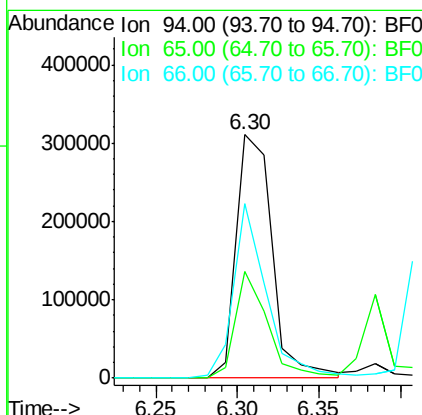
Manual Integrations
APPROVED

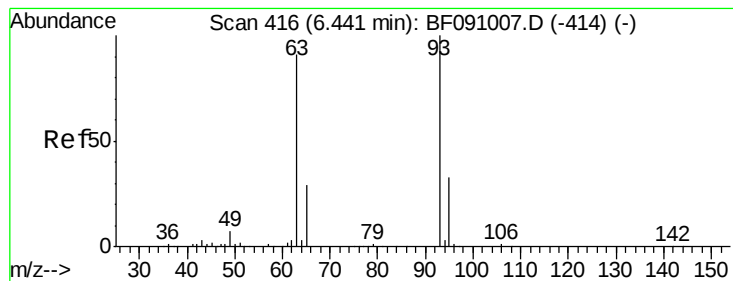
sohil
11/14/2016 6:36:59 PM



#10
Phenol
Concen: 32.79 ng
RT: 6.30 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion	Ratio	Lower	Upper
94	100		
65	44.0	30.4	70.4
66	71.5	62.9	102.9





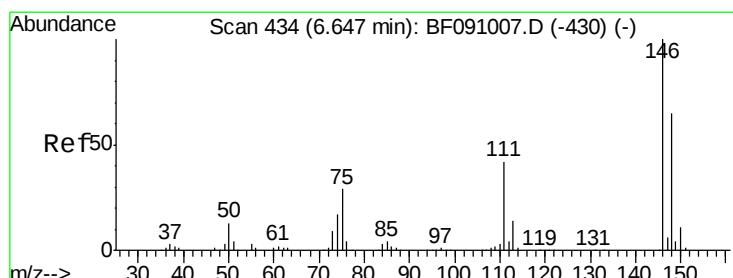
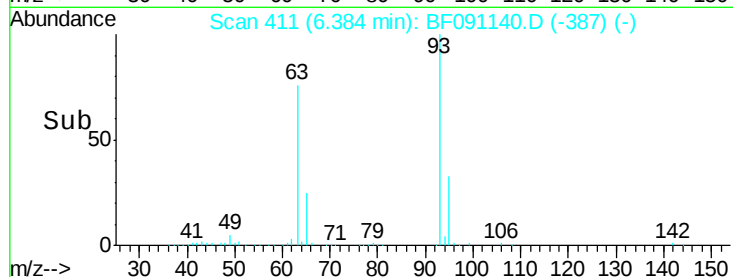
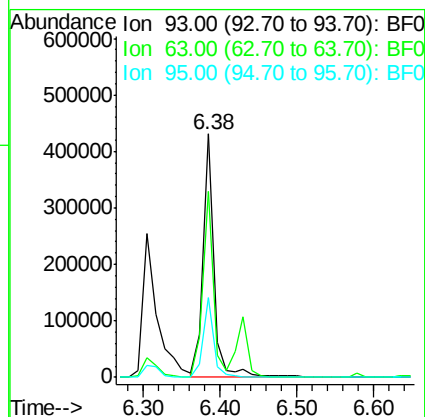
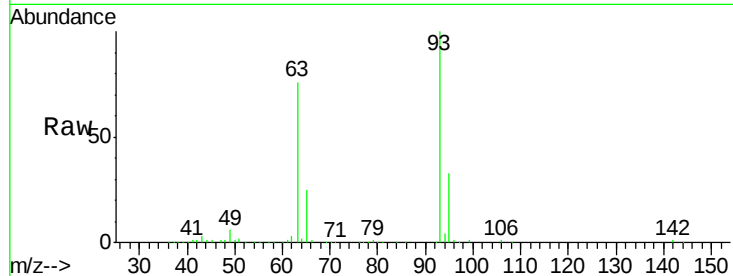
#11
bis(2-Chloroethyl)ether
Concen: 34.78 ng
RT: 6.38 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Instrument :
BNA_F
ClientSampled :
PB94644BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.3	68.9	108.9
95	32.7	12.3	52.3

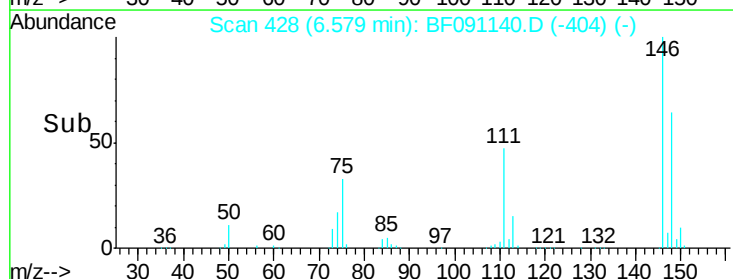
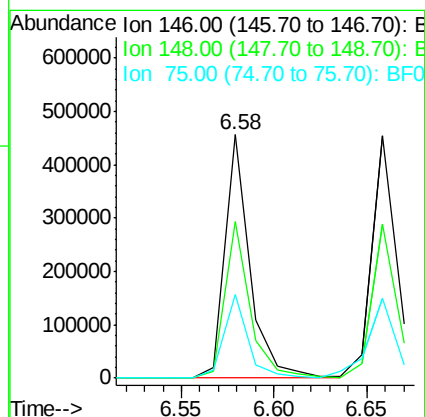
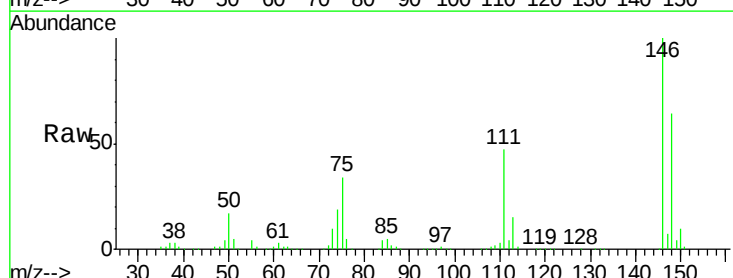
Manual Integrations
APPROVED

sohil
11/14/2016 6:36:59 PM



#12
1,3-Dichlorobenzene
Concen: 37.22 ng m
RT: 6.58 min Scan# 428
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.0	78.0
75	34.2	23.0	34.6





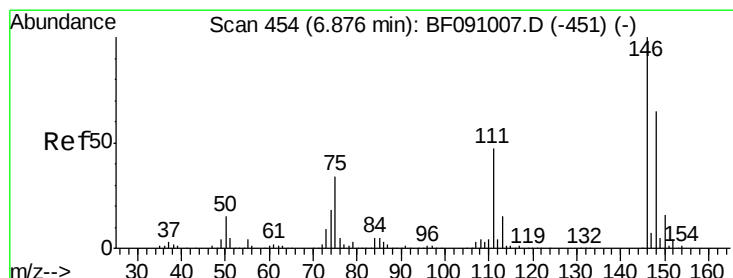
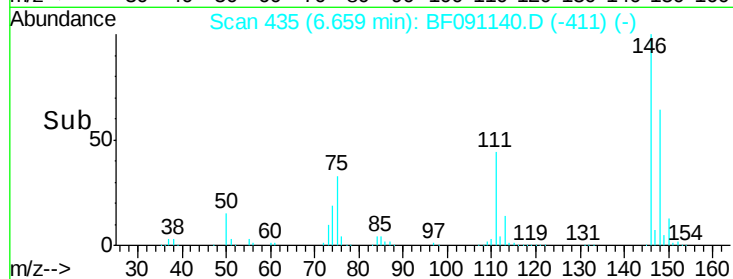
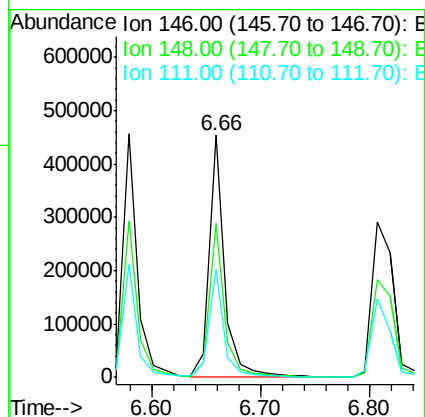
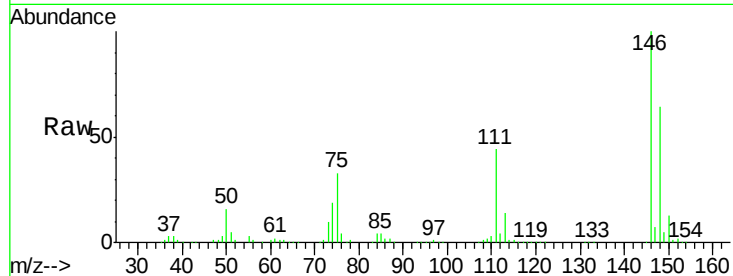
#13
 1,4-Dichlorobenzene
 Concen: 36.46 ng
 RT: 6.66 min Scan# 435
 Delta R.T. -0.02 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Instrument :
 BNA_F
 ClientSampleID :
 PB94644BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.1	78.1
111	44.5	31.6	47.4

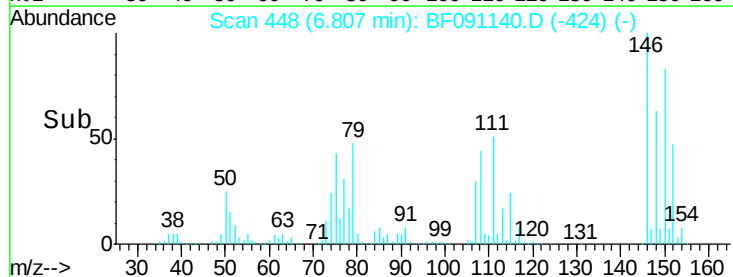
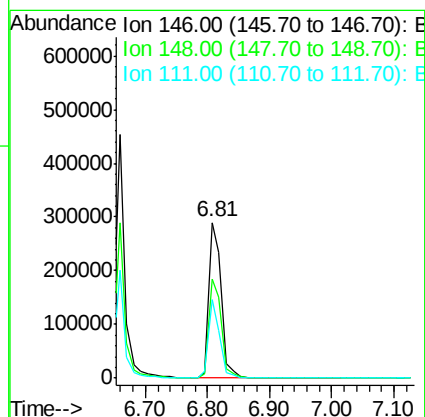
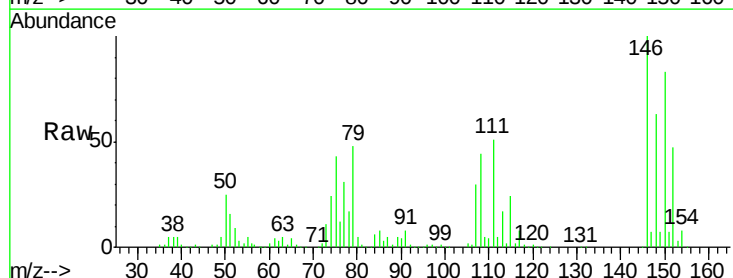
Manual Integrations
 APPROVED

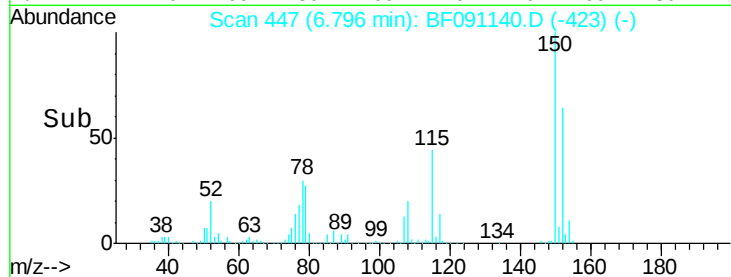
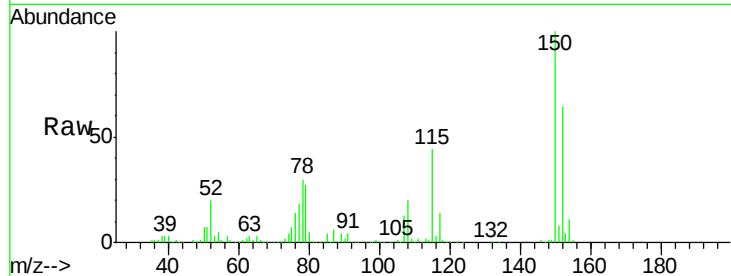
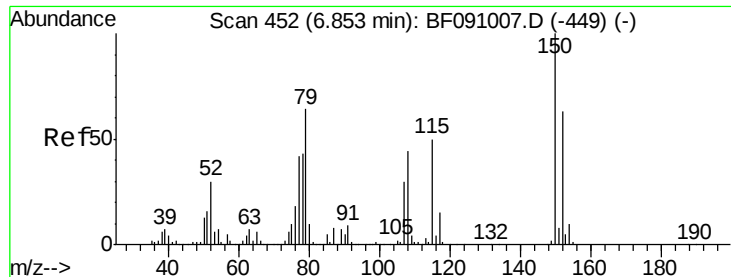
sohil
 11/14/2016 6:36:59 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.36 ng
 RT: 6.81 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.6	77.4
111	50.8	37.3	55.9





#15

Benzyl Alcohol

Concen: 34.52 ng

RT: 6.80 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Tot Ion:	79	Resp:	317249
Ion	Ratio	Lower	Upper
79	100		
108	73.8	55.7	83.5
77	66.0	52.6	79.0

Instrument :

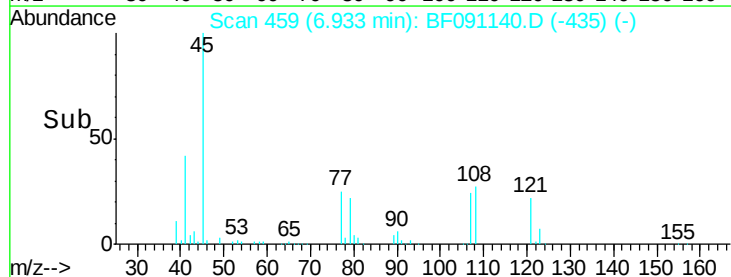
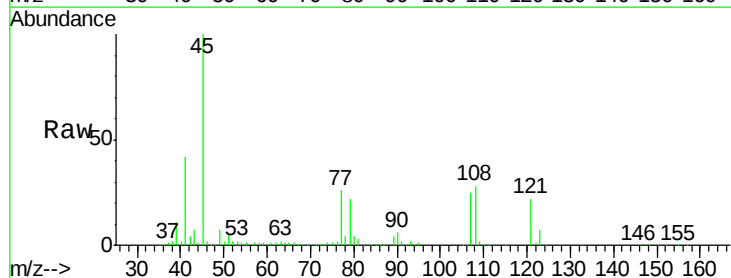
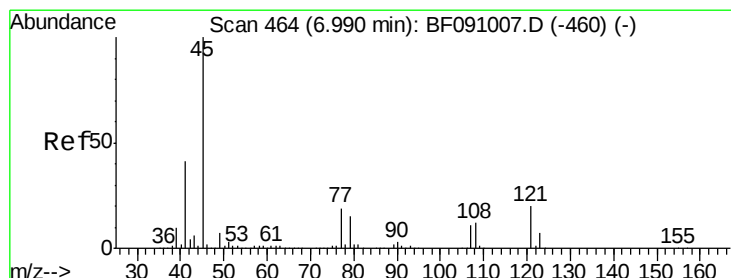
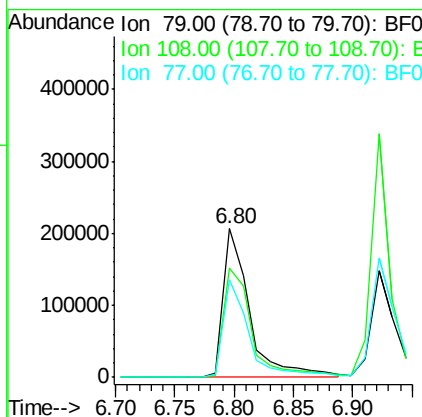
BNA_F

ClientSampled :

PB94644BS

Manual Integrations
APPROVED

sohil
11/14/2016 6:36:59 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.12 ng

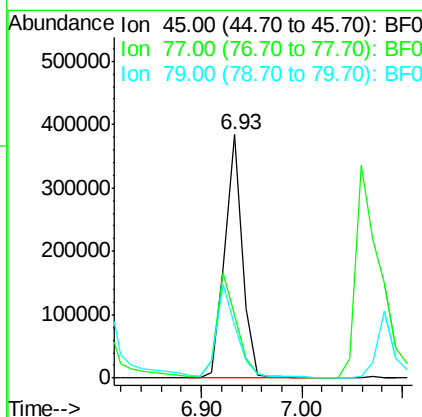
RT: 6.93 min Scan# 459

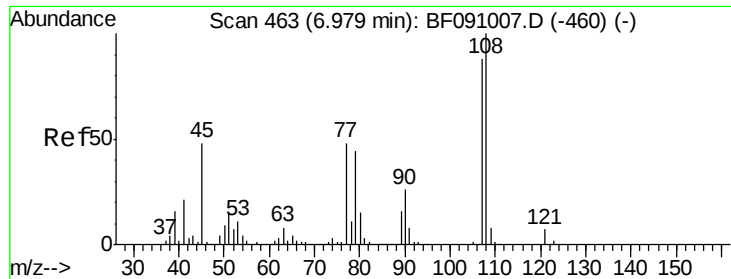
Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Tgt Ion:	45	Resp:	471870
Ion	Ratio	Lower	Upper
45	100		
77	25.8	0.0	39.6
79	21.9	0.0	35.9





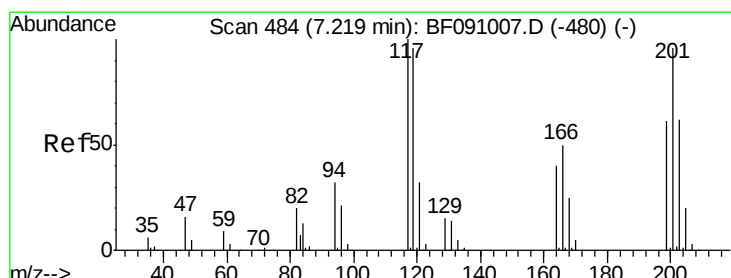
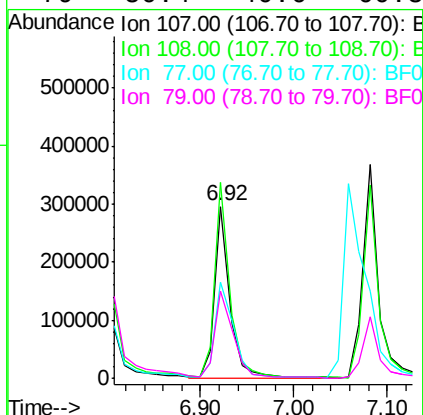
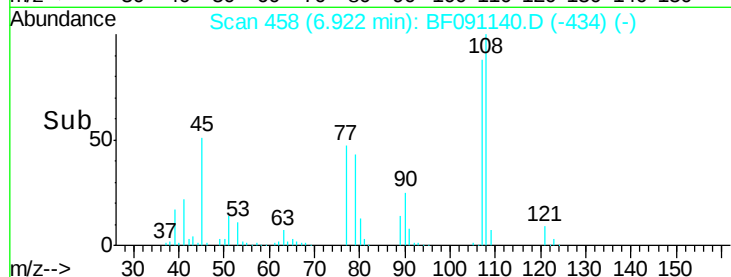
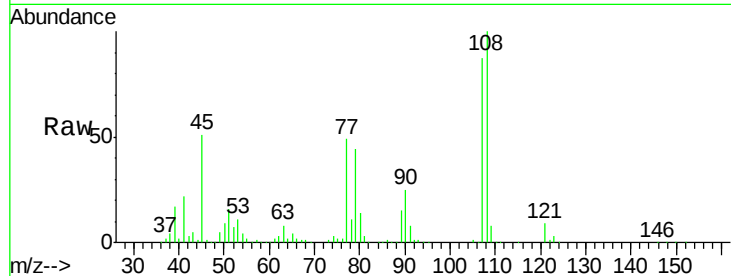
#17
2-Methylphenol
Concen: 36.03 ng
RT: 6.92 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Instrument :
BNA_F
ClientSampled :
PB94644BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.3	91.0	136.6	
77	55.9	43.8	65.8	
79	50.4	40.6	60.8	

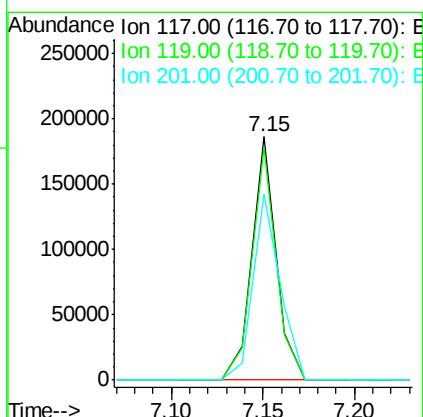
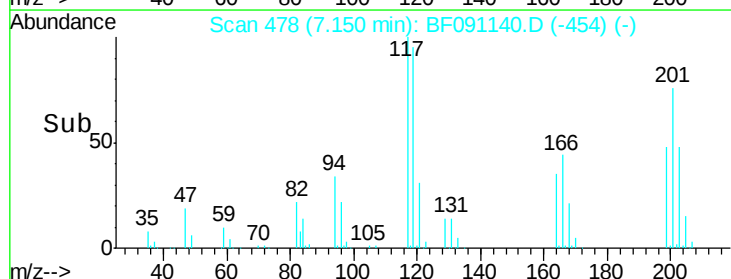
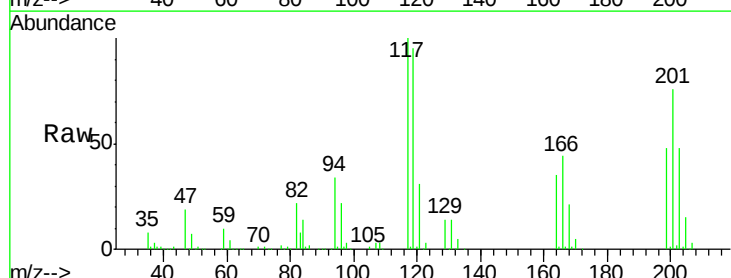
Manual Integrations
APPROVED

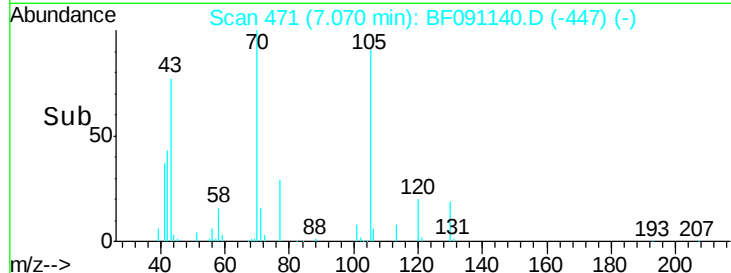
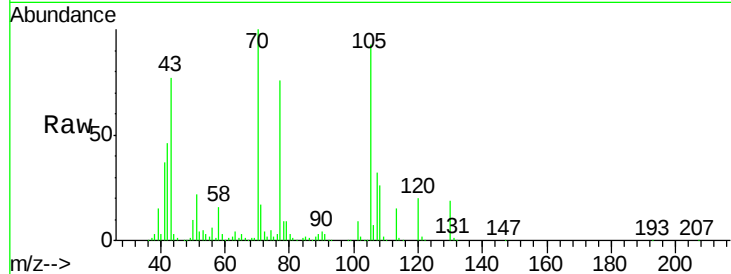
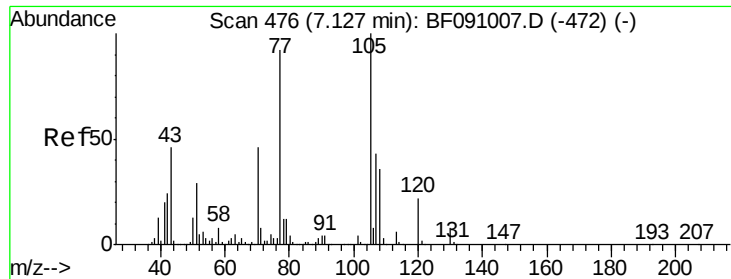
sohil
11/14/2016 6:36:59 PM



#18
Hexachloroethane
Concen: 35.33 ng m
RT: 7.15 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	76.6	115.0	
201	76.2	77.1	115.7#	





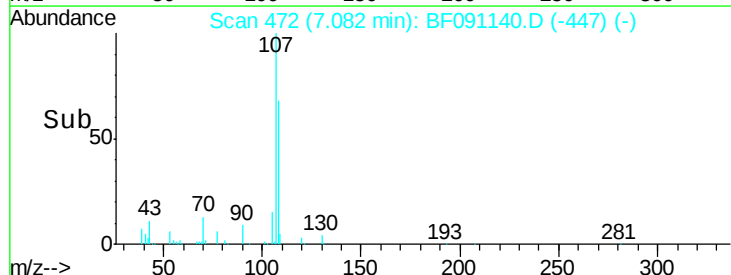
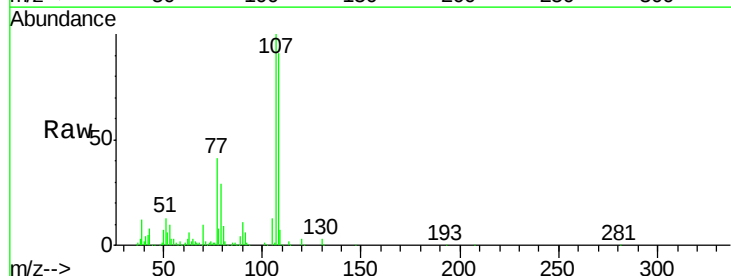
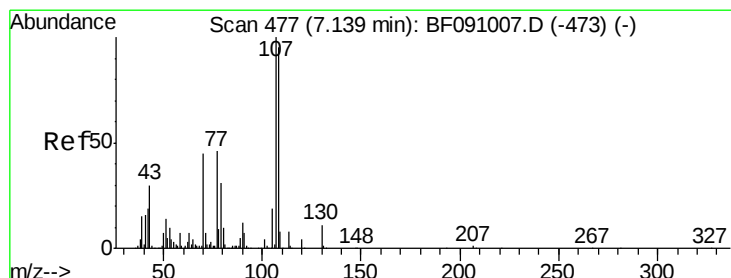
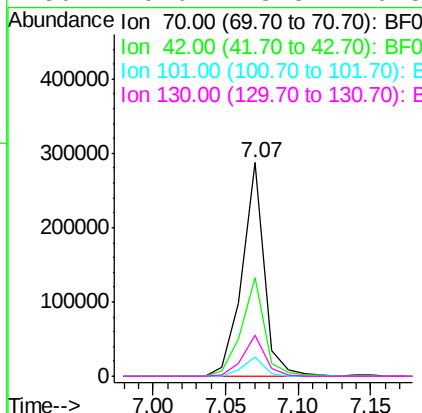
#19
n-Nitroso-di-n-propylamine
Concen: 33.94 ng
RT: 7.07 min Scan# 471
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		306481		
42	46.1	41.7	62.5		
101	8.8	6.7	10.1		
130	19.0	13.8	20.8		

Instrument :
BNA_F
ClientSampleId :
PB94644BS

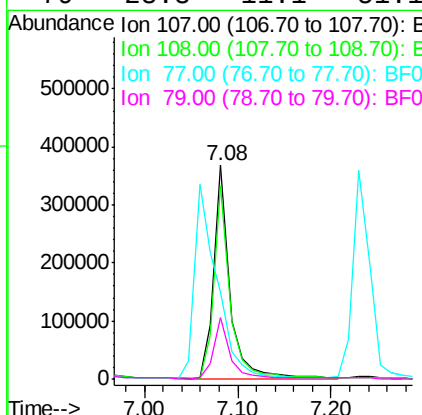
Manual Integrations
APPROVED

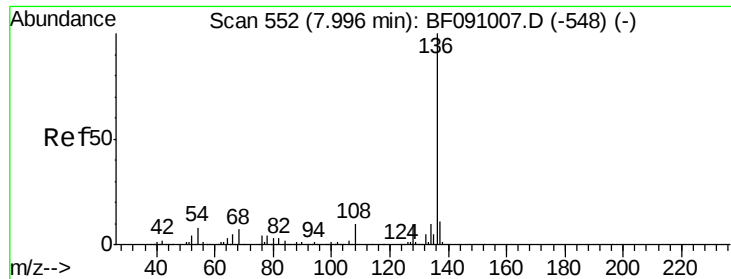
sohil
11/14/2016 6:36:59 PM



#20
3+4-Methylphenols
Concen: 40.38 ng
RT: 7.08 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		439504		
108	90.6	75.5	115.5		
77	41.0	26.4	66.4		
79	28.8	11.1	51.1		





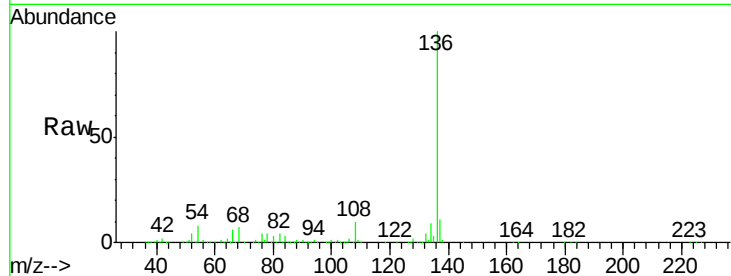
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Instrument :
BNA_F
ClientSampleId :
PB94644BS

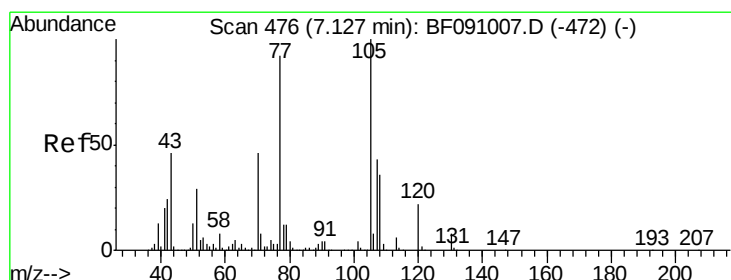
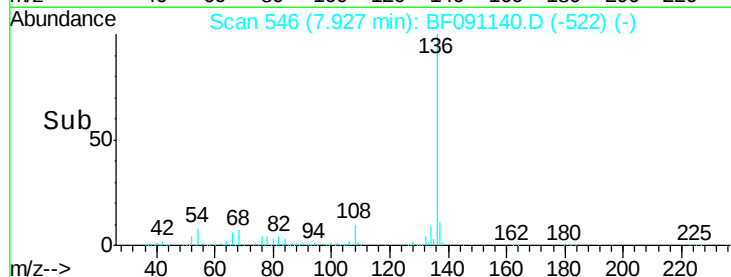
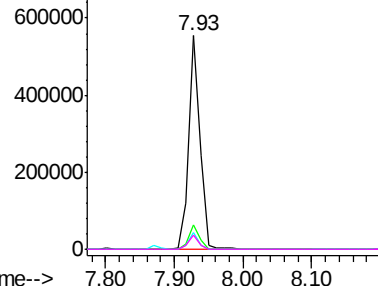
Tot Ion	Ratio	Resp	Lower	Upper
136	100	648531		
137	11.2	8.9	13.3	
54	7.7	6.2	9.2	
68	6.9	5.5	8.3	

Manual Integrations
APPROVED

sohil
11/14/2016 6:36:59 PM

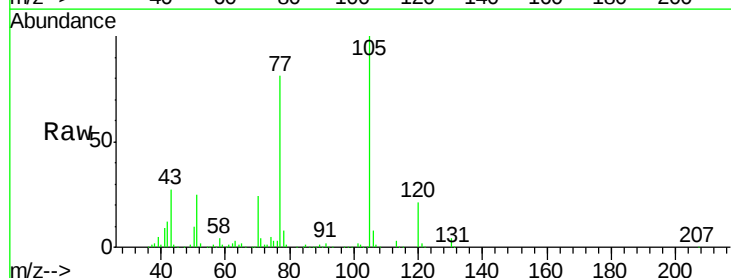


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

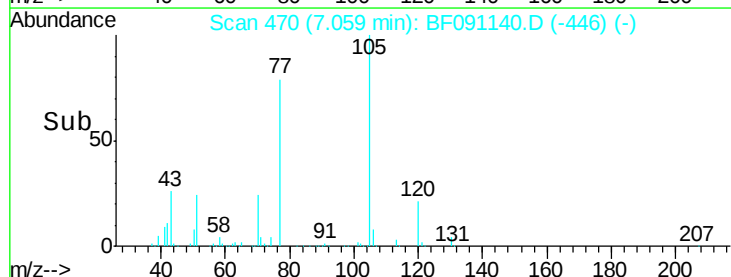
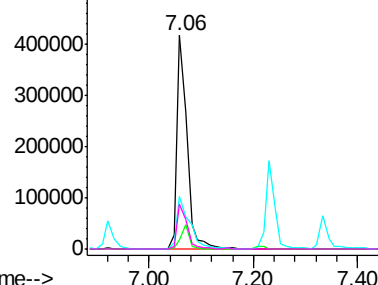


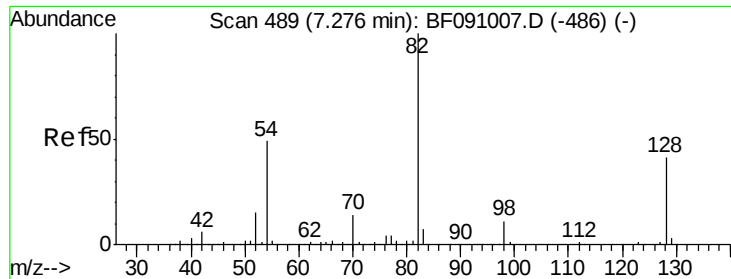
#22
Acetophenone
Concen: 37.68 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	562654		
71	4.0	6.2	9.2#	
51	24.5	23.3	34.9	
120	20.8	17.4	26.0	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





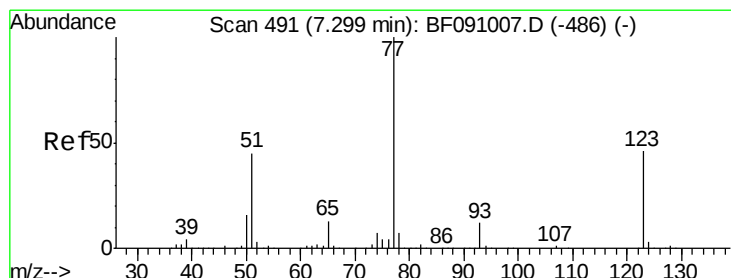
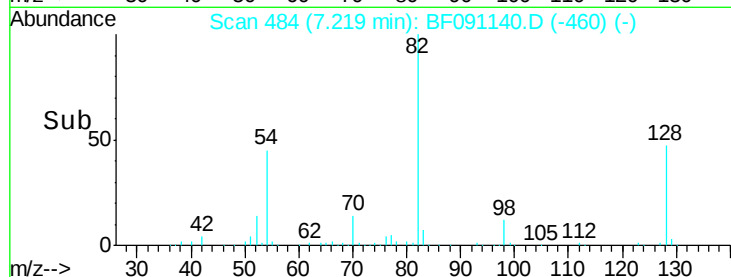
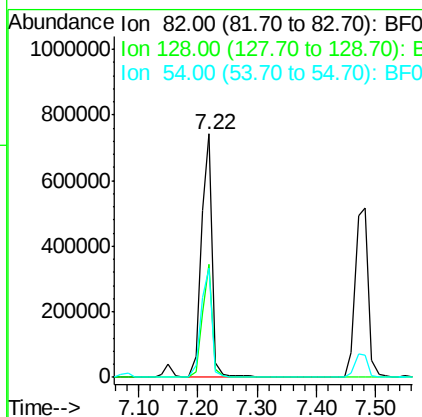
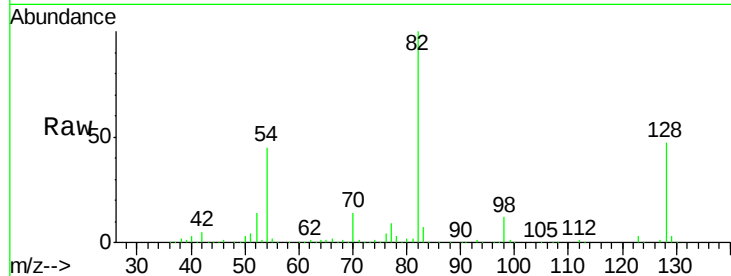
#23
Nitrobenzene-d5
Concen: 80.96 ng
RT: 7.22 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Instrument :
BNA_F
ClientSampled :
PB94644BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	32.4	48.6
54	45.0	39.2	58.8

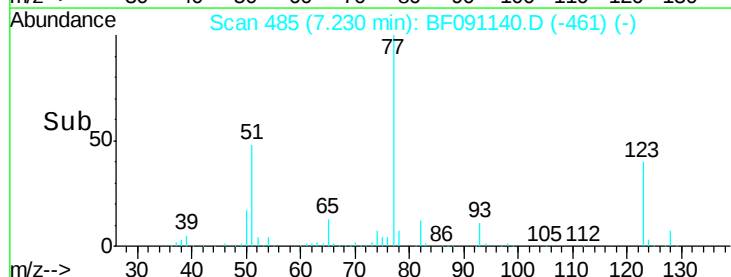
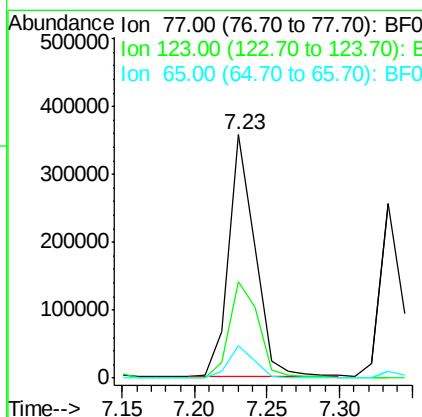
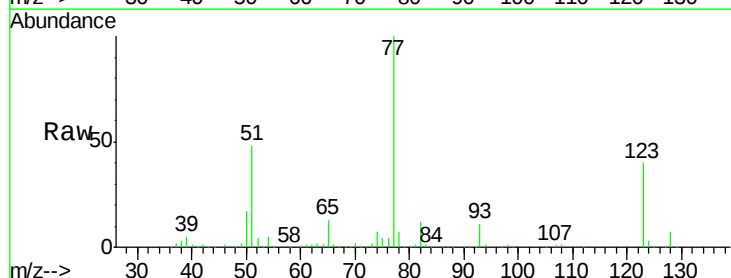
Manual Integrations
APPROVED

sohil
11/14/2016 6:36:59 PM



#24
Nitrobenzene
Concen: 34.30 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.8	36.5	54.7
65	13.4	10.7	16.1





#25

Isophorone

Concen: 34.49 ng

RT: 7.48 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

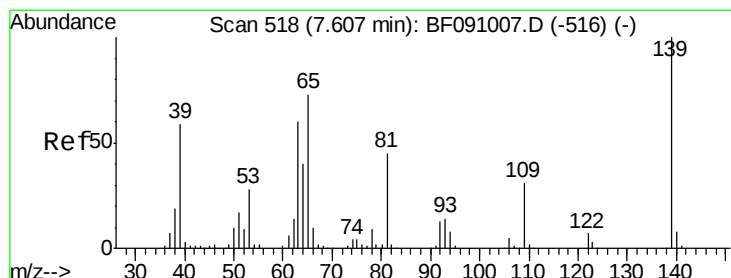
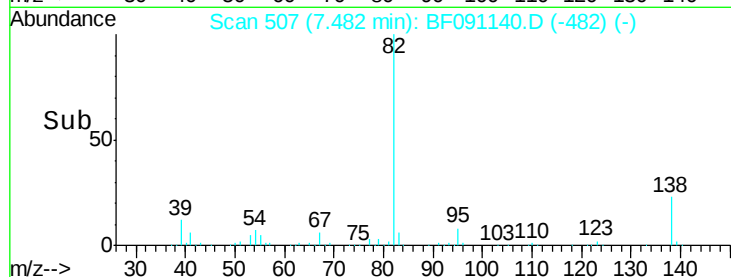
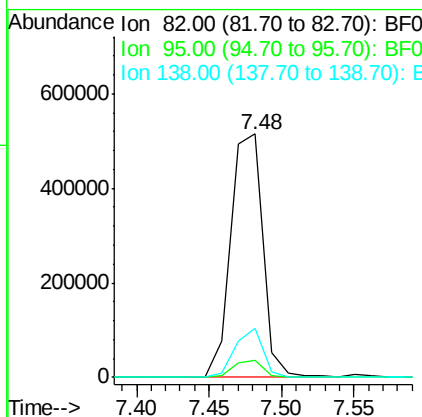
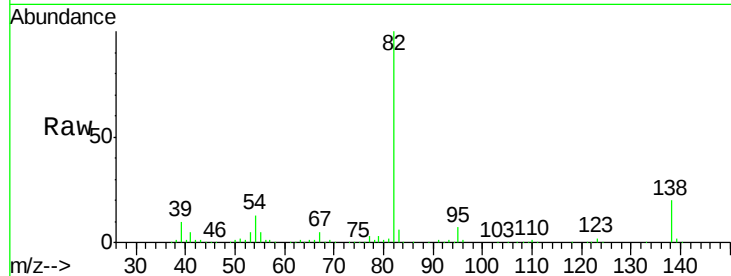
ClientSampleId :

PB94644BS

Tot Ion:	82	Resp:	790043
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.0
138	20.0	13.0	19.4#

Manual Integrations
APPROVED

sohil
11/14/2016 6:36:59 PM



#26

2-Nitrophenol

Concen: 37.83 ng

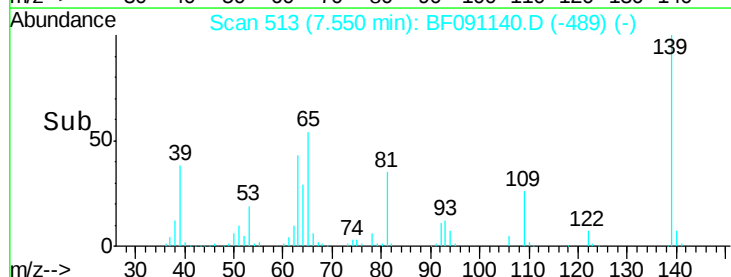
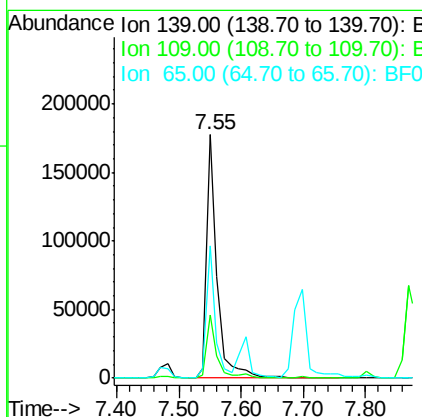
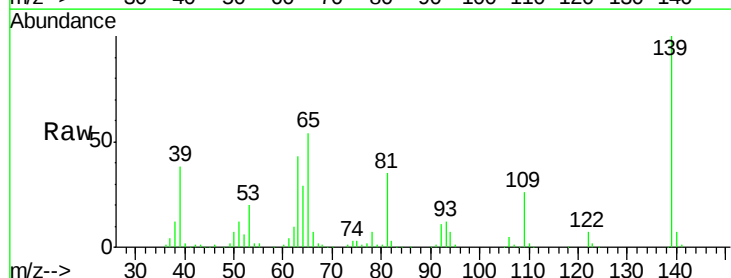
RT: 7.55 min Scan# 513

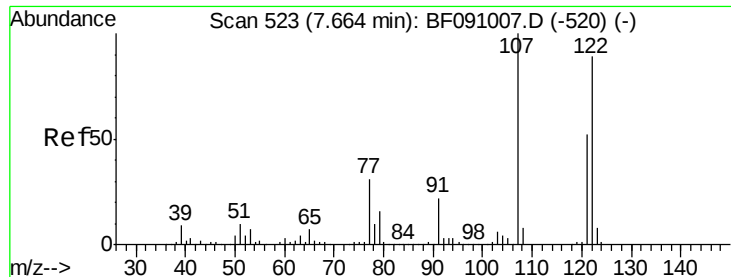
Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Tgt Ion:	139	Resp:	210186
Ion Ratio	Lower	Upper	
139	100		
109	26.1	24.7	37.1
65	54.5	58.3	87.5#





#27

2,4-Dimethylphenol

Concen: 39.47 ng

RT: 7.61 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

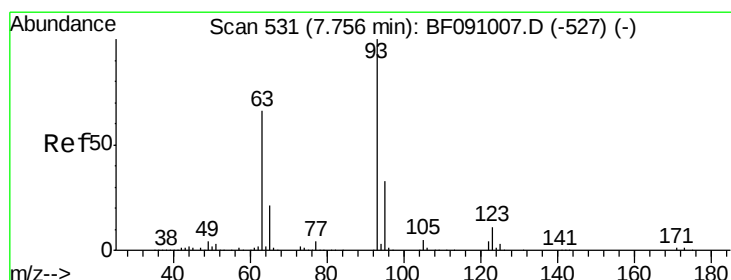
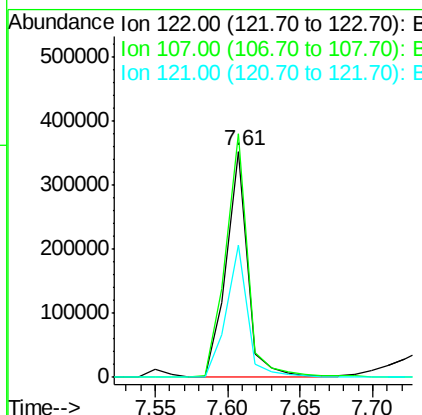
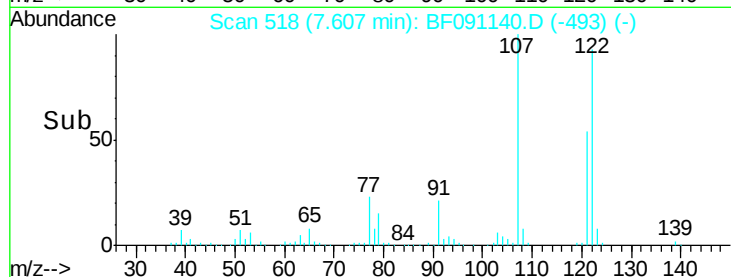
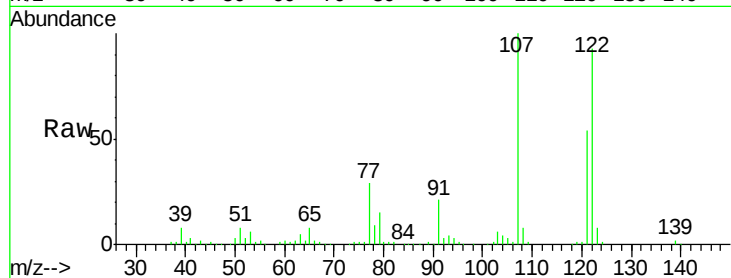
ClientSampled :

PB94644BS

Tot Ion:	122	Resp:	362667
Ion Ratio	Lower	Upper	
122	100		
107	107.7	89.6	134.4
121	58.3	46.3	69.5

Manual Integrations
APPROVED

sohil
11/14/2016 6:36:59 PM



#28

bis(2-Chloroethoxy)methane

Concen: 36.82 ng

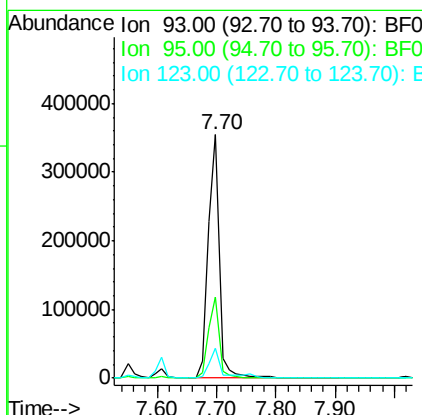
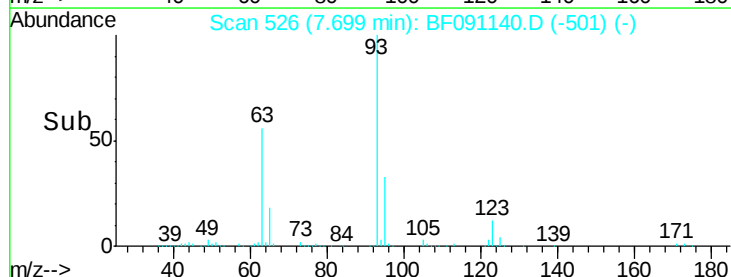
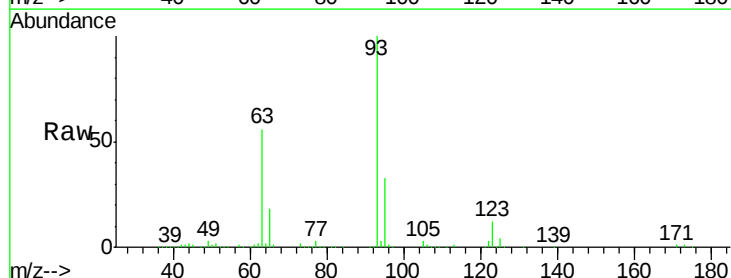
RT: 7.70 min Scan# 526

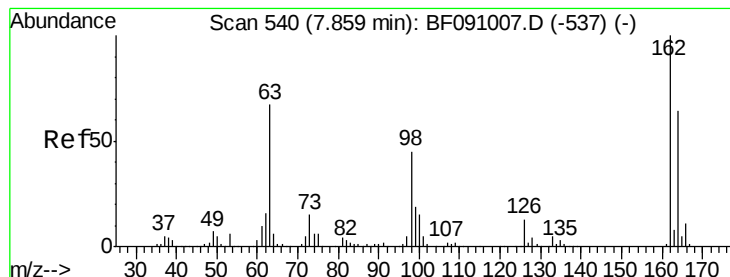
Delta R.T. -0.01 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Tgt Ion:	93	Resp:	460789
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.3	39.5
123	12.3	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 42.30 ng

RT: 7.80 min Scan# 535

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

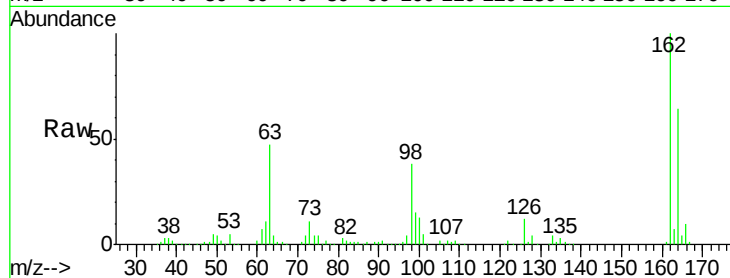
ClientSampleId :

PB94644BS

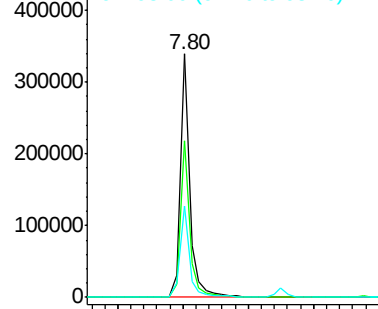
Tot Ion:	162	Resp:	339269
Ion Ratio	Lower	Upper	
162	100		
164	64.2	44.4	84.4
98	37.7	25.2	65.2

Manual Integrations
APPROVED

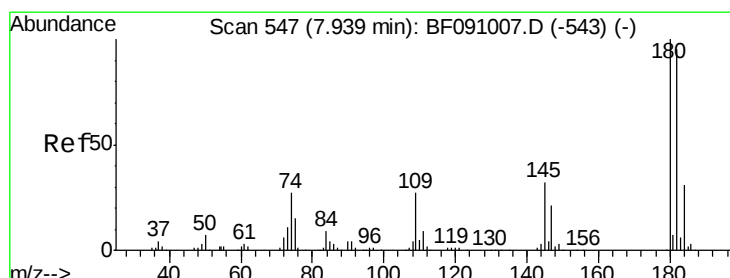
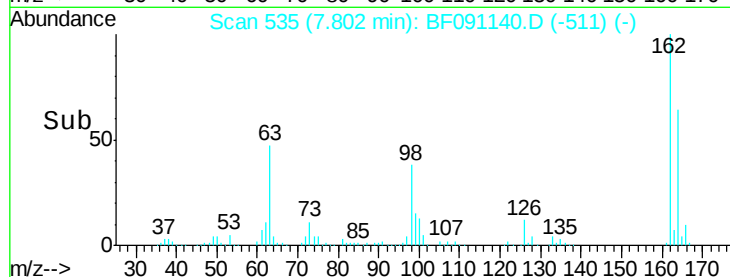
sohil
11/14/2016 6:36:59 PM



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



Time-->



#30

1,2,4-Trichlorobenzene

Concen: 39.01 ng

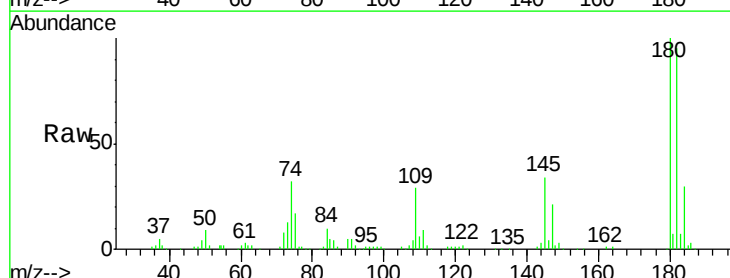
RT: 7.87 min Scan# 541

Delta R.T. -0.02 min

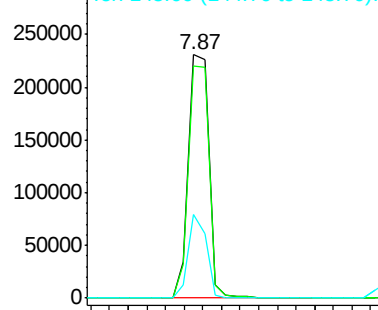
Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

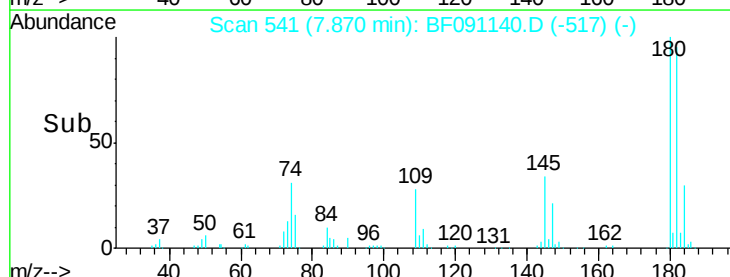
Tgt Ion:	180	Resp:	351759
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.0	114.0
145	34.4	25.8	38.8



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



Time-->





#31

Naphthalene

Concen: 36.90 ng

RT: 7.95 min Scan# 548

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

ClientSampled :

PB94644BS

Tot Ion:128 Resp: 1144387

Ion Ratio Lower Upper

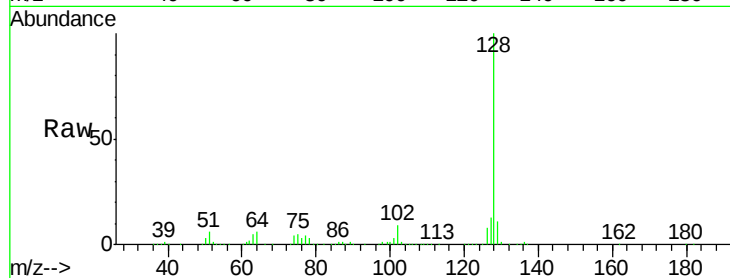
128 100

129 11.4 9.0 13.6

127 13.4 10.9 16.3

Manual Integrations
APPROVED

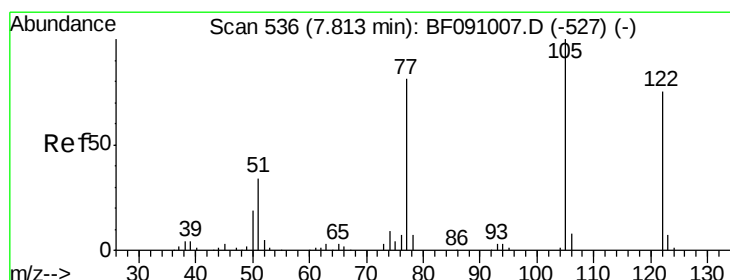
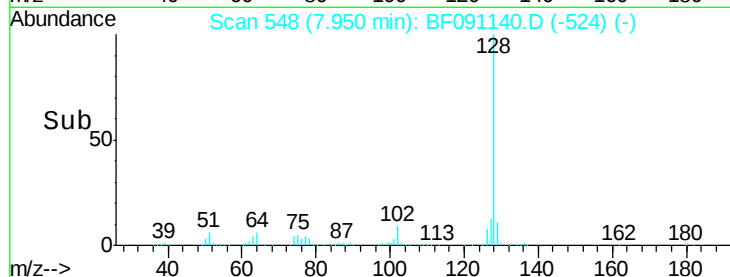
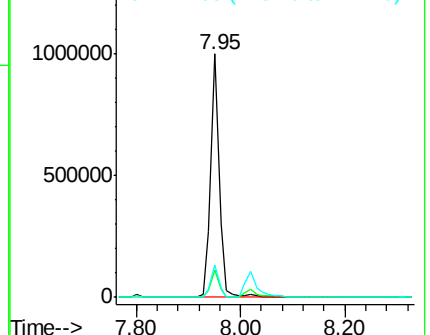
sohil
11/14/2016 6:36:59 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.24 ng

RT: 7.76 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

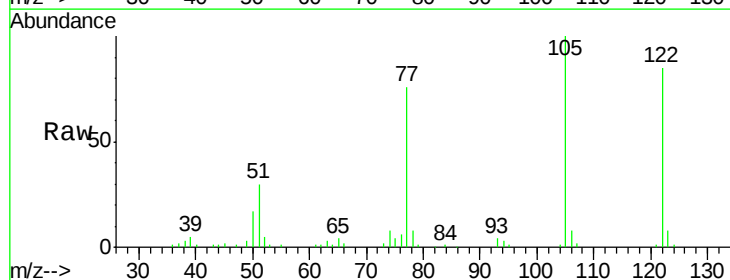
Tgt Ion:122 Resp: 169662

Ion Ratio Lower Upper

122 100

105 117.4 105.9 145.9

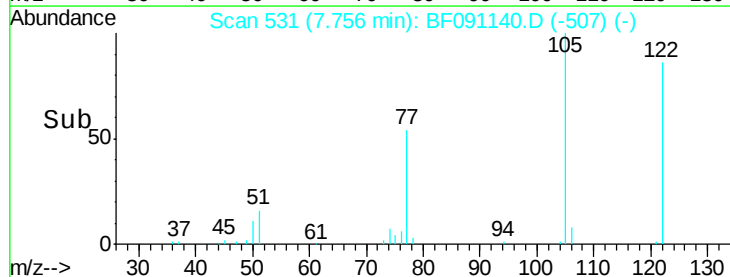
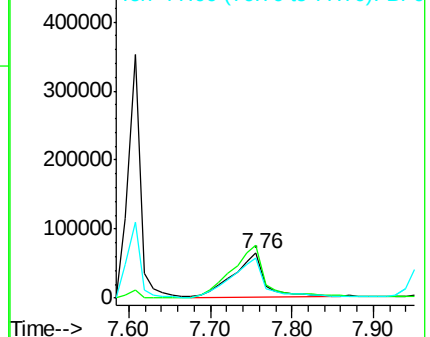
77 88.8 84.0 124.0

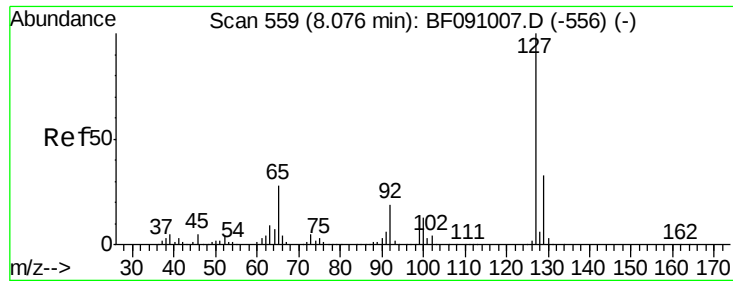


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





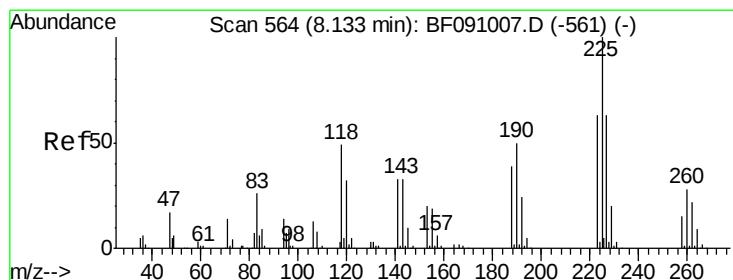
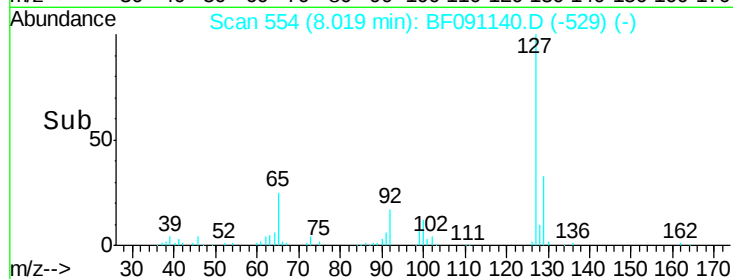
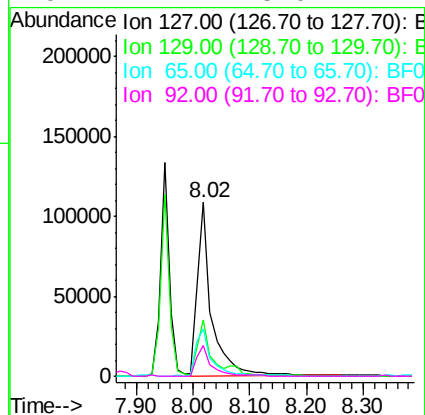
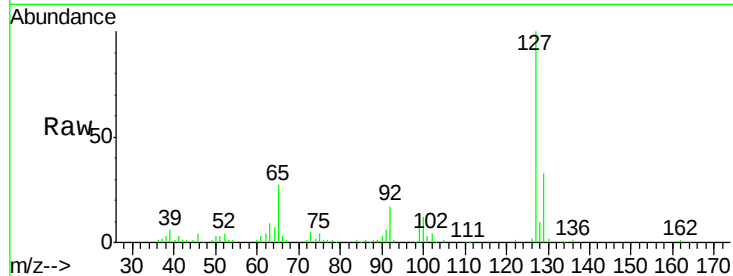
#33
4-Chloroaniline
Concen: 14.49 ng
RT: 8.02 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Instrument :
BNA_F
ClientSampleId :
PB94644BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		186907		
129	32.6	26.6	39.8		
65	27.3	22.2	33.2		
92	17.4	15.0	22.4		

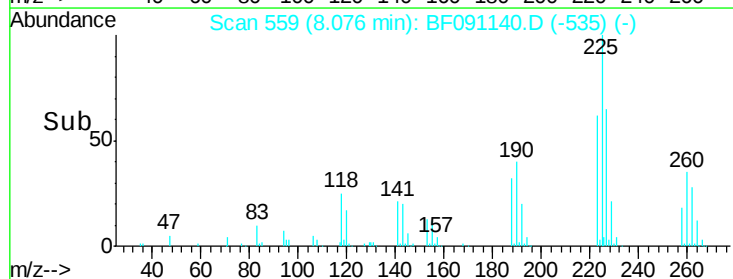
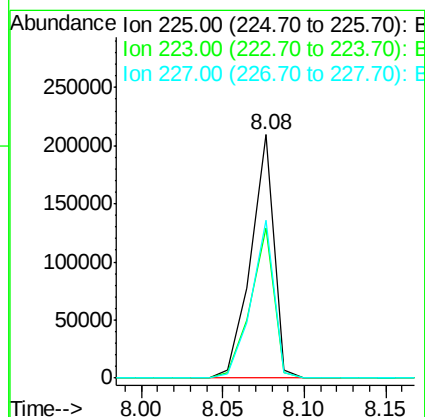
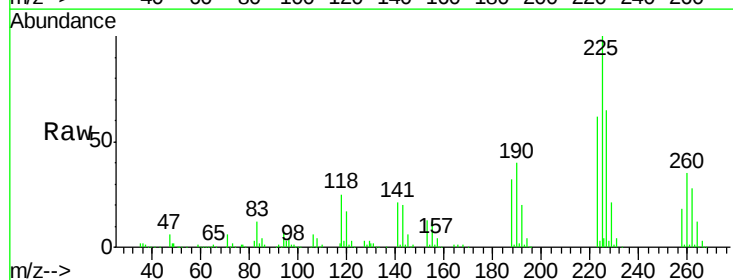
Manual Integrations
APPROVED

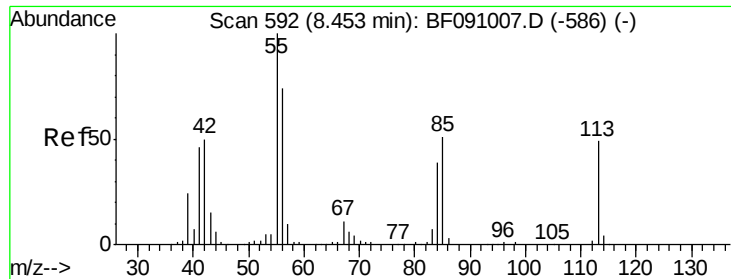
sohil
11/14/2016 6:36:59 PM



#34
Hexachlorobutadiene
Concen: 42.62 ng
RT: 8.08 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		207432		
223	61.7	50.4	75.6		
227	65.0	50.1	75.1		





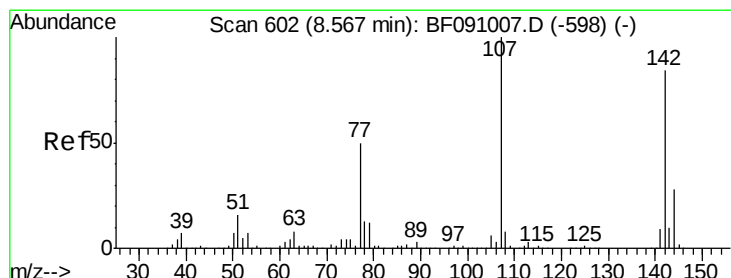
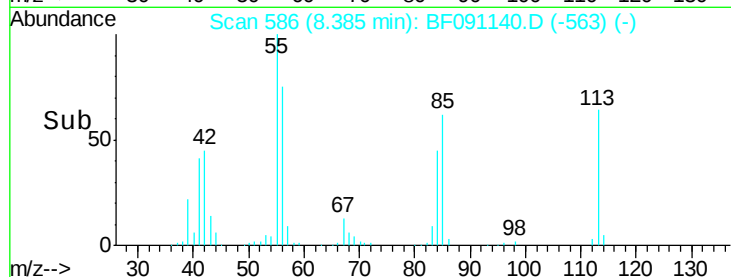
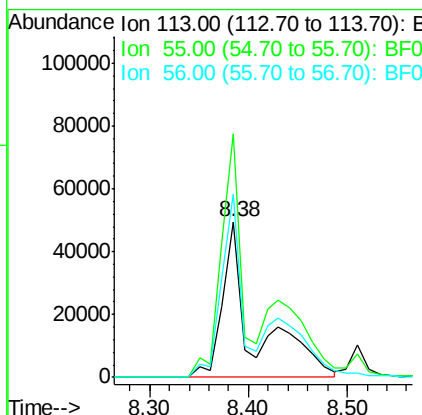
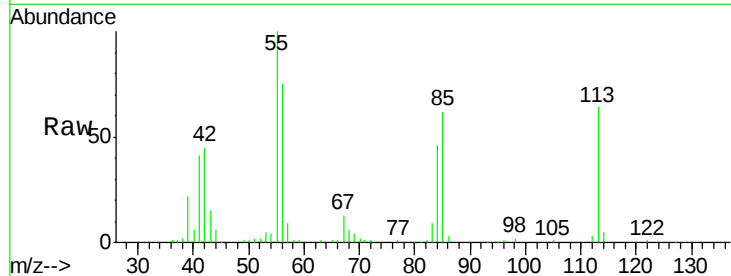
#35
 Caprolactam
 Concen: 43.50 ng/ml
 RT: 8.38 min Scan# 586
 Delta R.T. -0.03 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Instrument :
 BNA_F
 ClientSampleID :
 PB94644BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	156.6		184.1	224.1	#
56	117.9		132.0	172.0	#

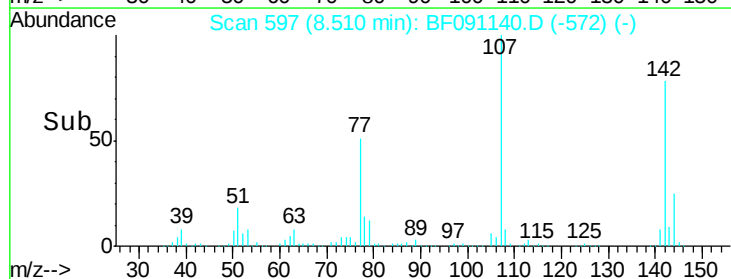
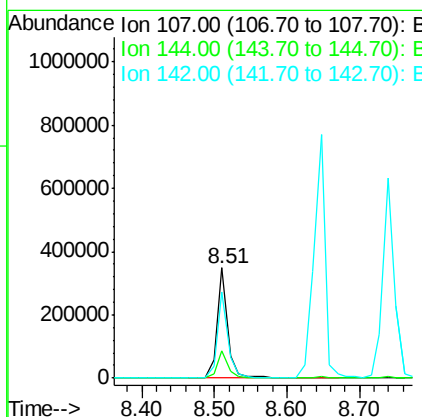
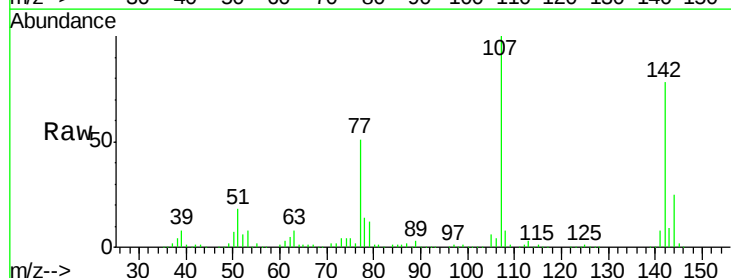
Manual Integrations
 APPROVED

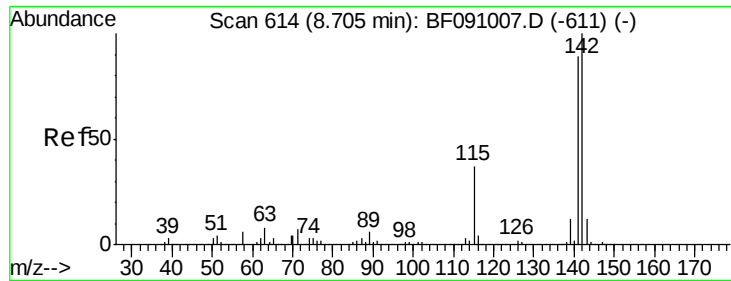
sohil
 11/14/2016 6:36:59 PM



#36
 4-Chloro-3-methylphenol
 Concen: 36.82 ng/ml
 RT: 8.51 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.9		22.5	33.7	
142	77.6		67.4	101.2	





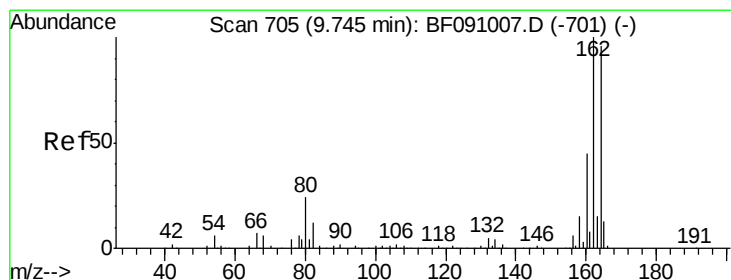
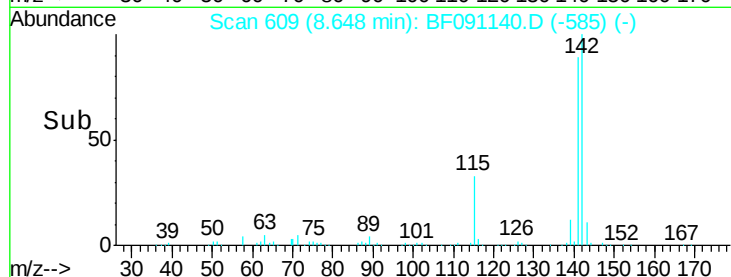
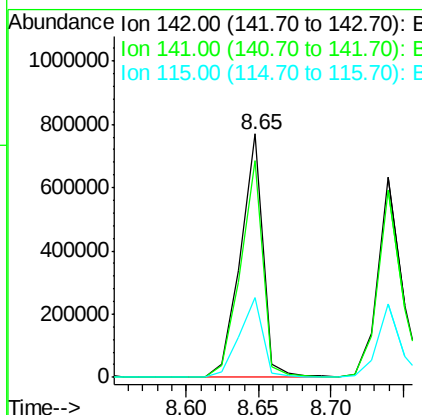
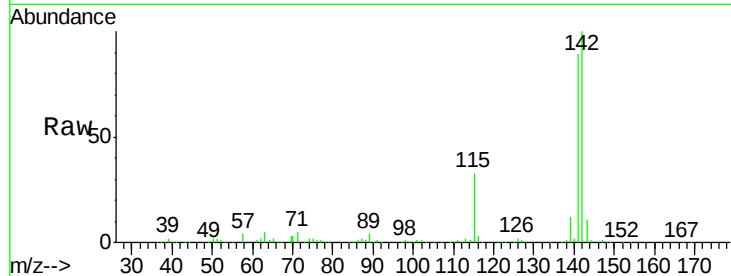
#37
2-Methylnaphthalene
Concen: 41.76 ng
RT: 8.65 min Scan# 609
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Instrument :
BNA_F
ClientSampleId :
PB94644BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.3	106.9
115	32.6	29.9	44.9

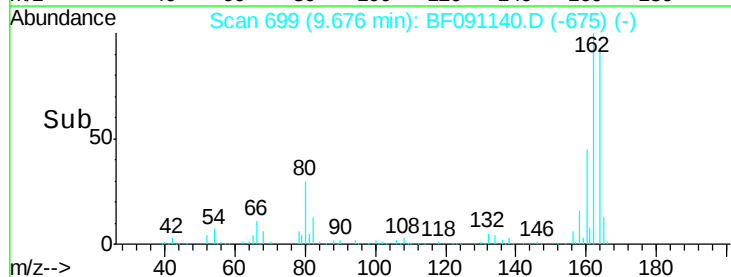
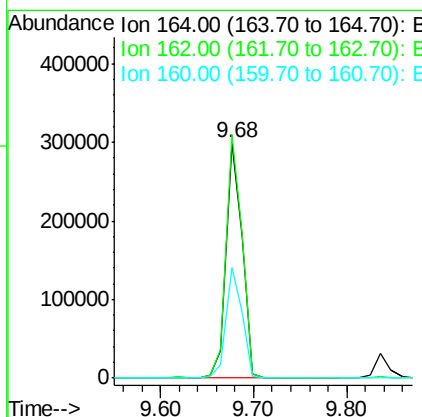
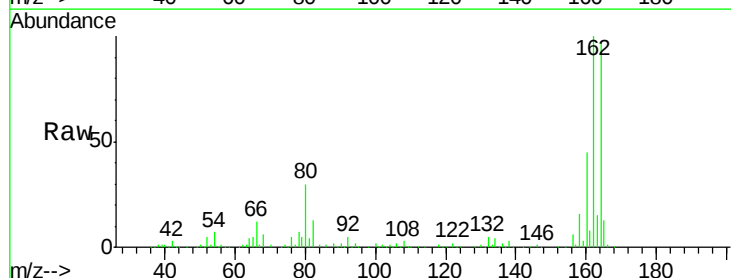
Manual Integrations
APPROVED

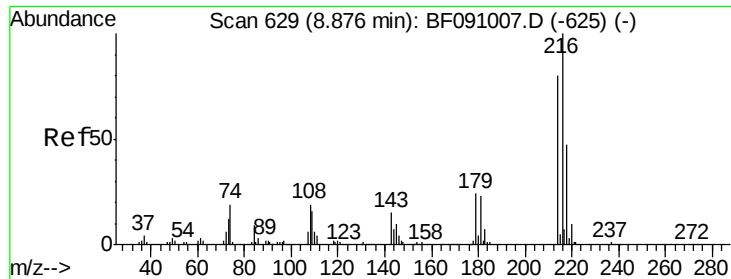
sohil
11/14/2016 6:36:59 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.6	125.4
160	46.8	37.9	56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.83 ng

RT: 8.81 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

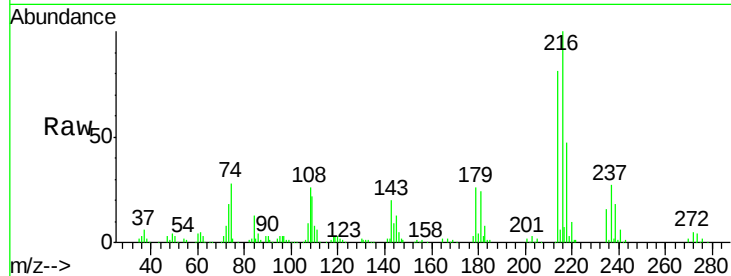
ClientSampleId :

PB94644BS

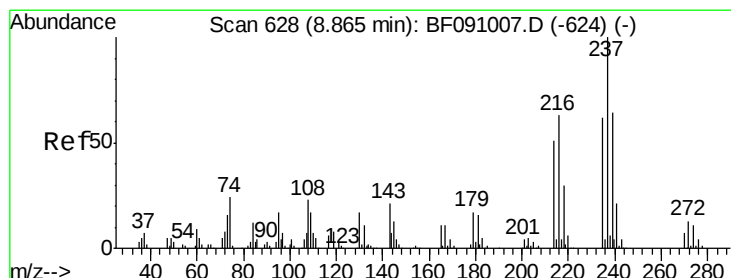
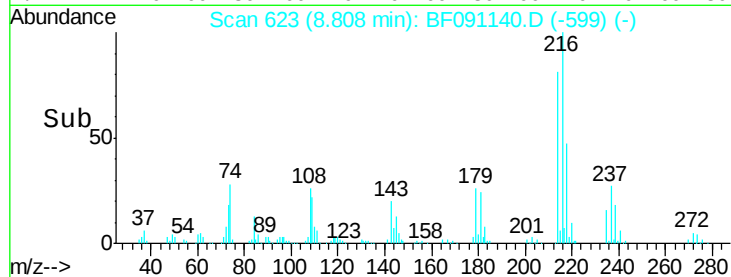
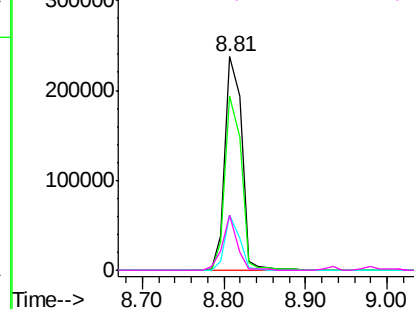
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		339119		
214	79.3		63.5	95.3	
179	22.6		19.1	28.7	
108	23.1		17.5	26.3	

Manual Integrations
APPROVED

sohil
11/14/2016 6:36:59 PM



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



#40

Hexachlorocyclopentadiene

Concen: 81.01 ng

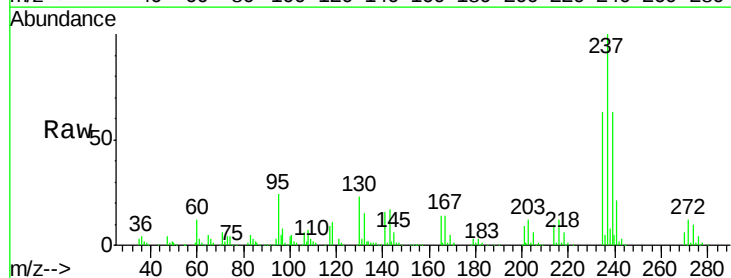
RT: 8.80 min Scan# 622

Delta R.T. -0.02 min

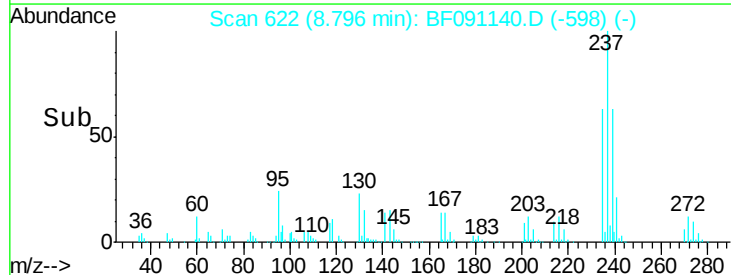
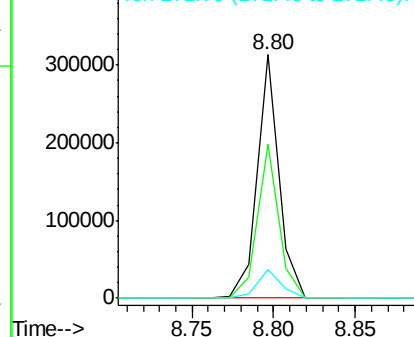
Lab File: BF091140.D

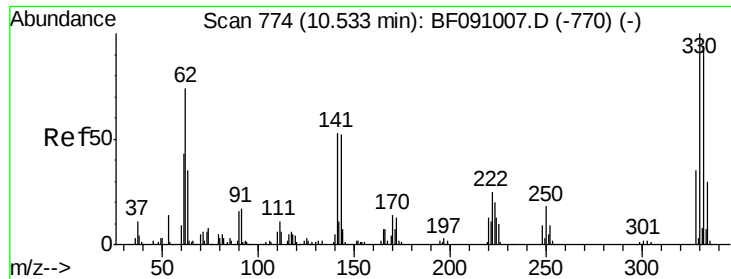
Acq: 11 Nov 2016 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		289642		
235	63.0		42.1	82.1	
272	11.8		0.0	33.1	



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





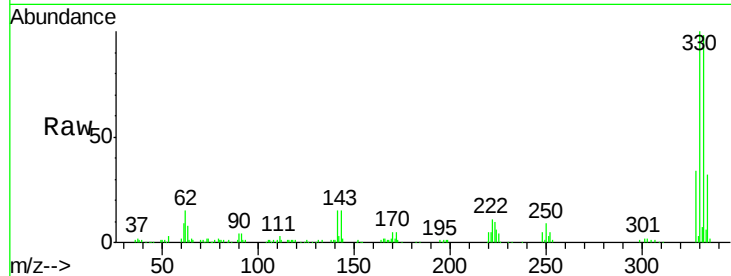
#41
 2,4,6-Tribromophenol
 Concen: 61.08 ng
 RT: 10.48 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Instrument :
 BNA_F
 ClientSampled :
 PB94644BS

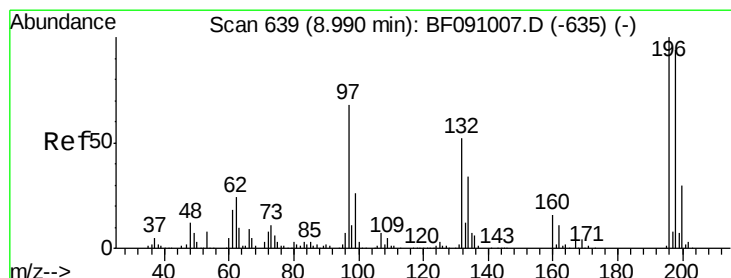
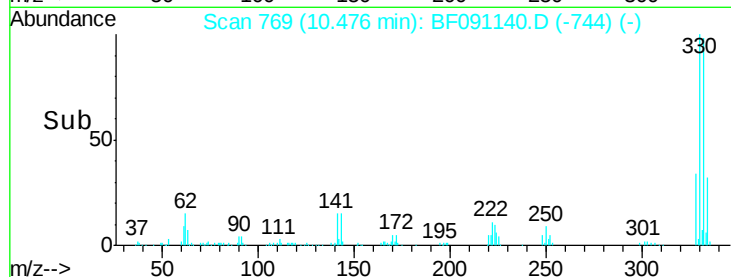
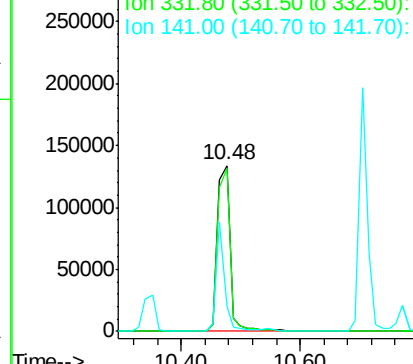
Tot Ion	Ratio	Resp	Lower	Upper
330	100	199395		
332	96.5	75.9	113.9	
141	42.8	36.1	54.1	

Manual Integrations
 APPROVED

sohil
 11/14/2016 6:36:59 PM

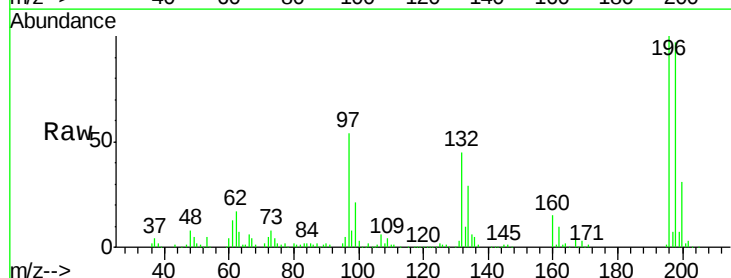


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

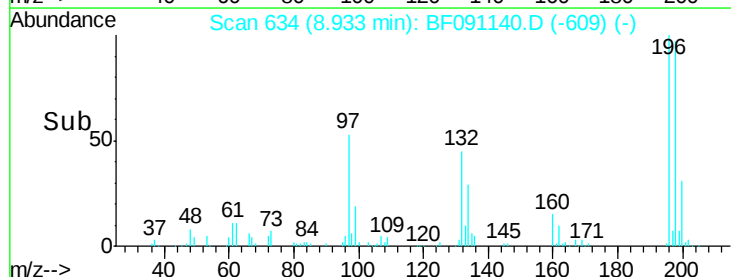
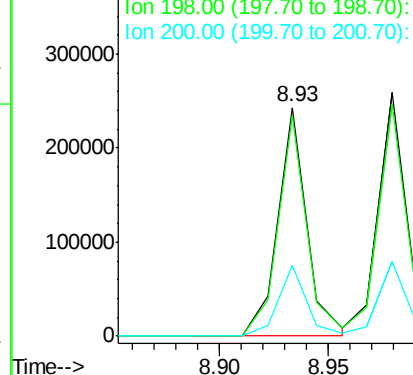


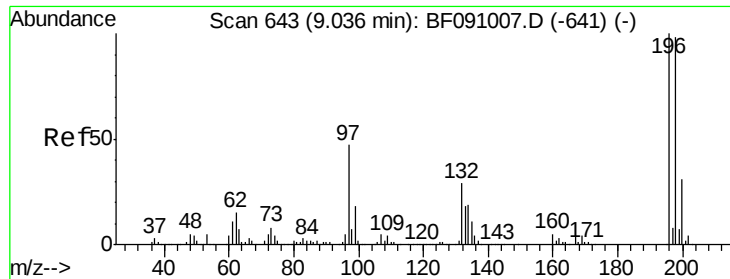
#42
 2,4,6-Trichlorophenol
 Concen: 38.24 ng
 RT: 8.93 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	227284		
198	96.7	75.4	113.0	
200	30.7	24.1	36.1	



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





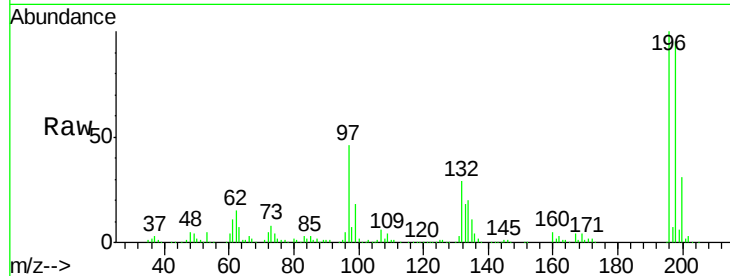
#43
2,4,5-Trichlorophenol
Concen: 40.50 ng
RT: 8.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Instrument :
BNA_F
ClientSampleId :
PB94644BS

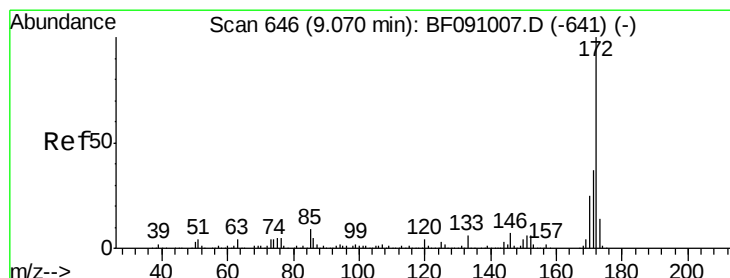
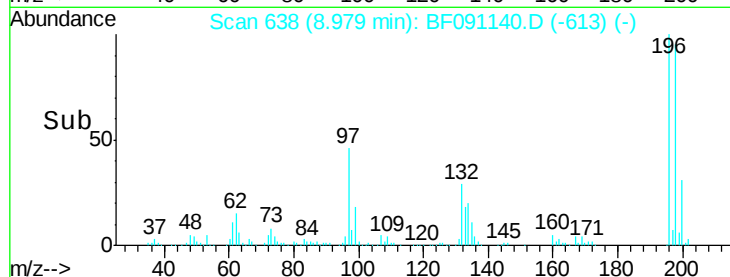
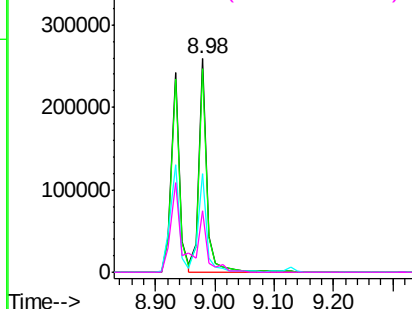
Tot Ion	Ratio	Resp	Lower	Upper
196	100	252741		
198	95.1	78.2	117.4	
97	46.4	38.8	58.2	
132	28.9	23.5	35.3	

Manual Integrations
APPROVED

sohil
11/14/2016 6:36:59 PM

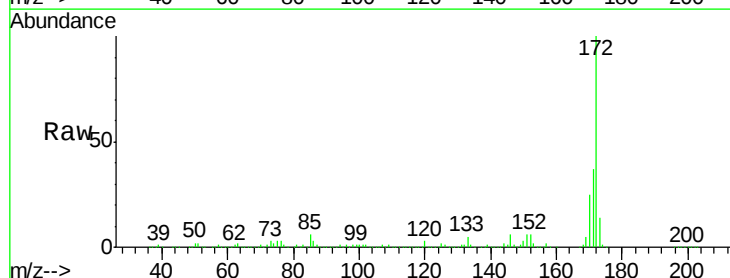


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

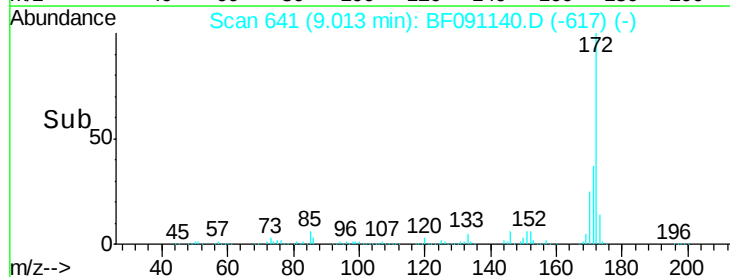
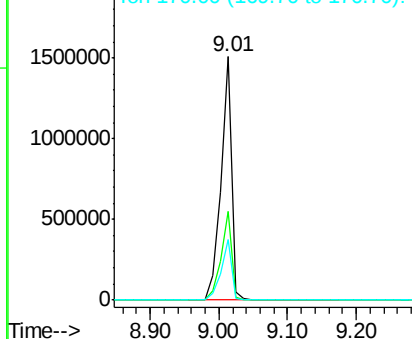


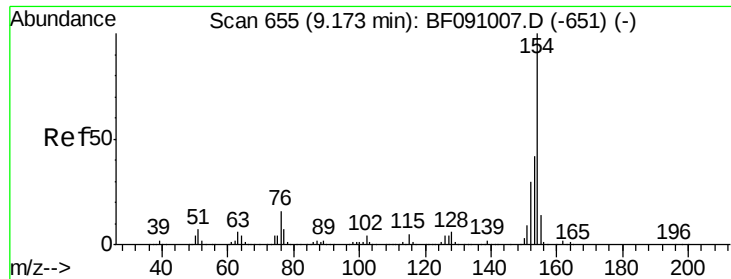
#44
2-Fluorobiphenyl
Concen: 78.82 ng
RT: 9.01 min Scan# 641
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1653283		
171	36.6	29.8	44.6	
170	25.1	20.3	30.5	



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





#45

1,1'-Biphenyl

Concen: 34.05 ng

RT: 9.10 min Scan# 649

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

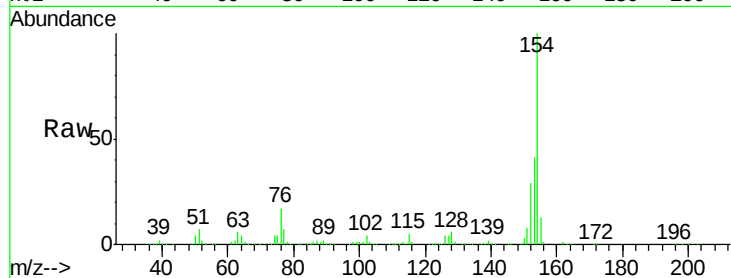
ClientSampleId :

PB94644BS

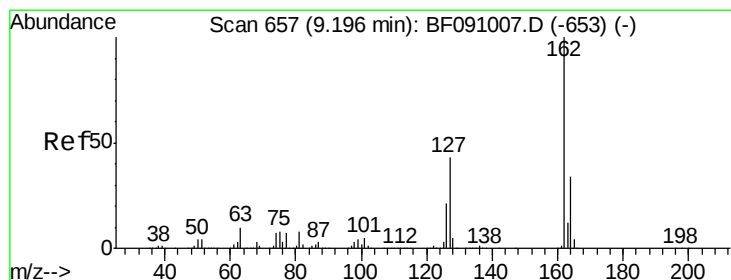
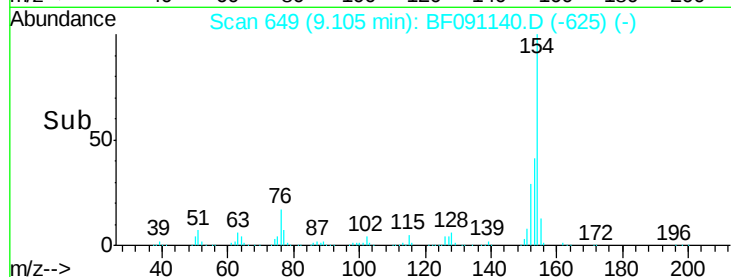
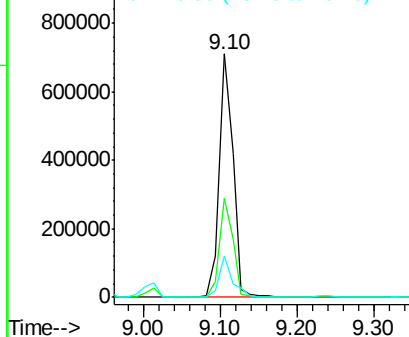
Tot Ion:	154	Resp:	897754
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.6	61.6
76	16.8	0.0	36.2

Manual Integrations
APPROVED

sohil
11/14/2016 6:36:59 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 35.74 ng

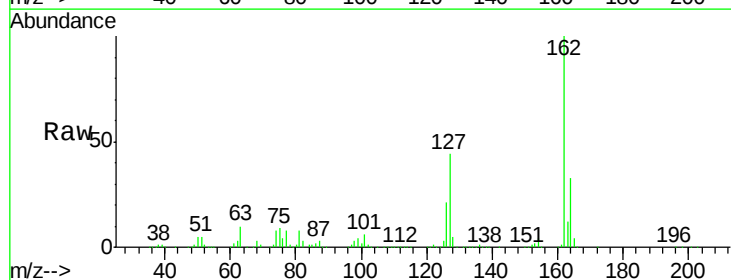
RT: 9.13 min Scan# 651

Delta R.T. -0.02 min

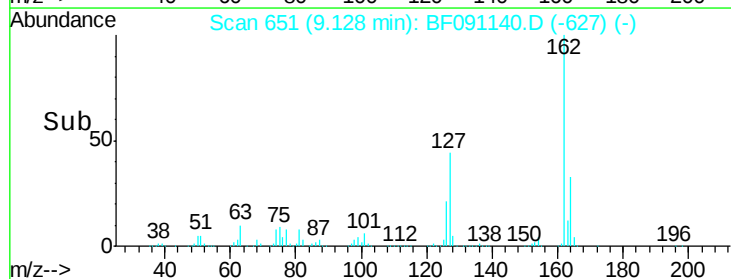
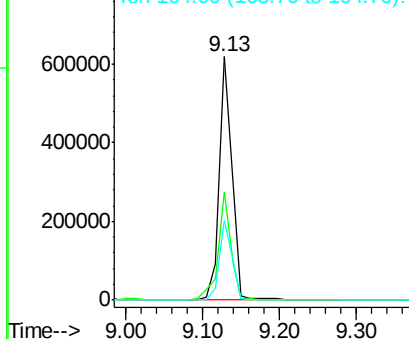
Lab File: BF091140.D

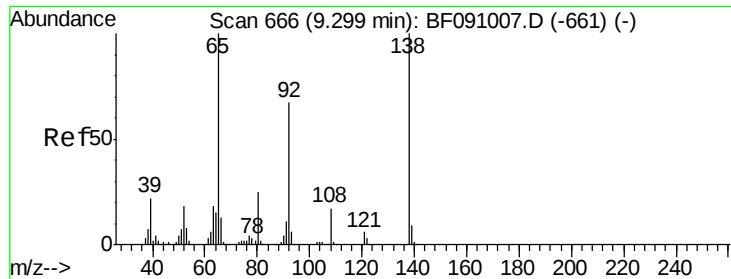
Acq: 11 Nov 2016 15:16

Tgt Ion:	162	Resp:	715434
Ion Ratio	Lower	Upper	
162	100		
127	44.5	34.7	52.1
164	32.7	27.0	40.4



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





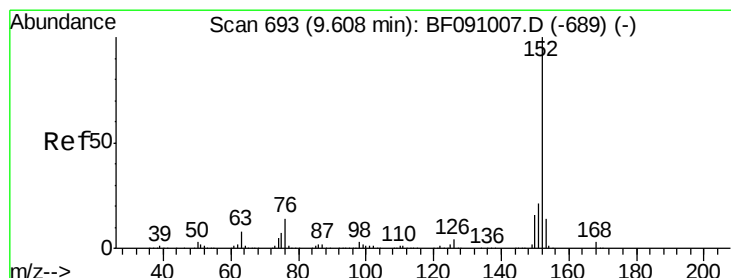
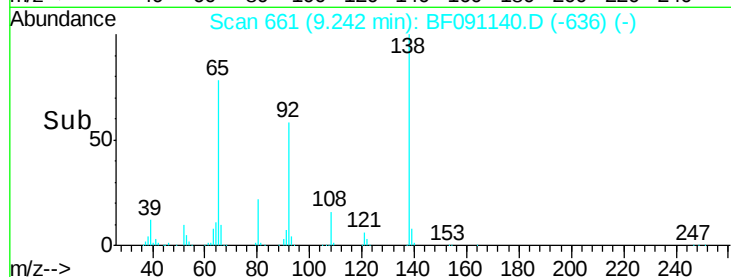
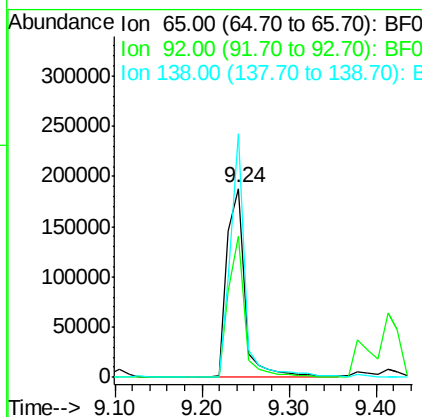
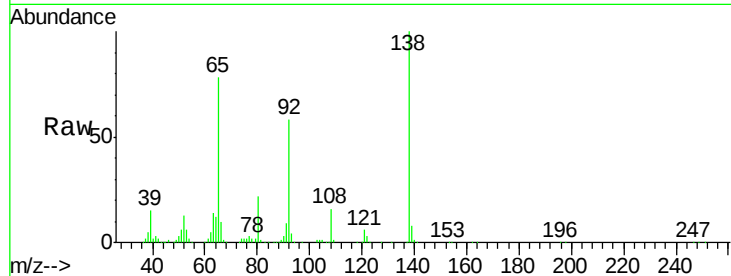
#47
2-Nitroaniline
Concen: 36.80 ng
RT: 9.24 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Instrument :
BNA_F
ClientSampleId :
PB94644BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.0	53.9	80.9
138	128.7	80.1	120.1

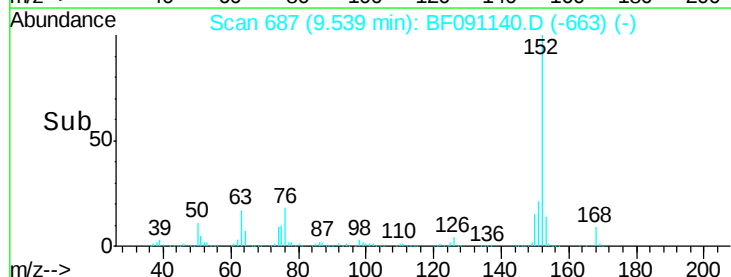
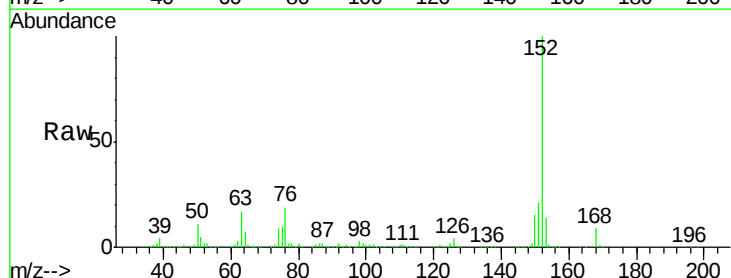
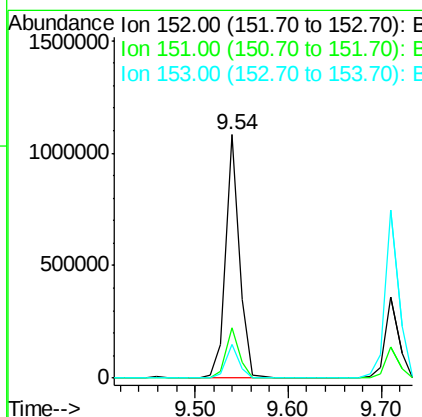
Manual Integrations
APPROVED

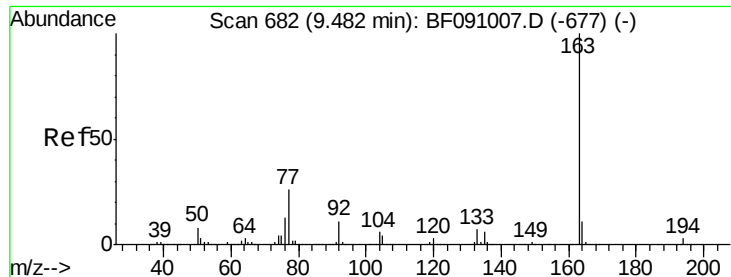
sohil
11/14/2016 6:36:59 PM



#48
Acenaphthylene
Concen: 35.74 ng
RT: 9.54 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.7	25.1
153	13.9	11.1	16.7





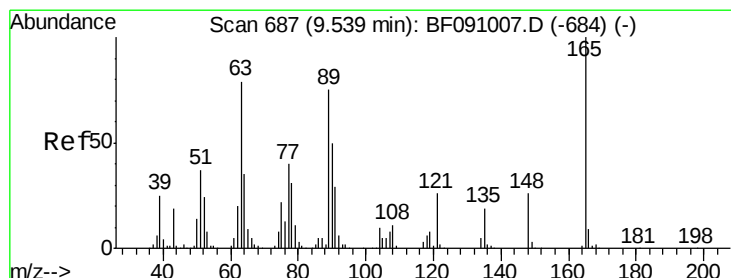
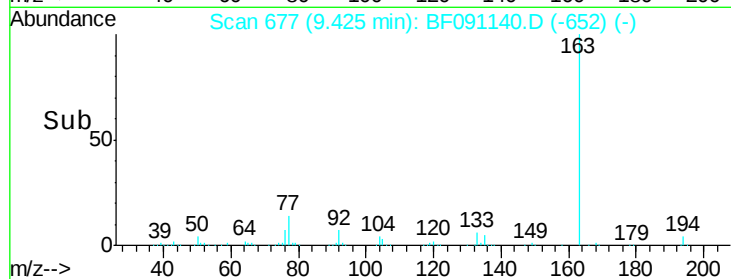
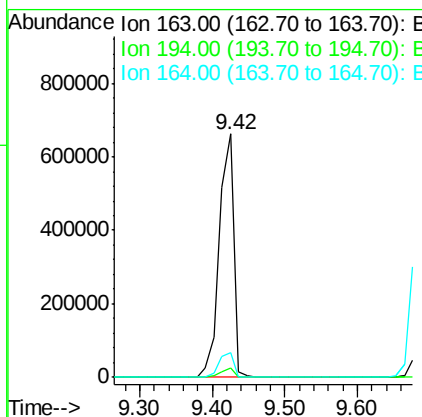
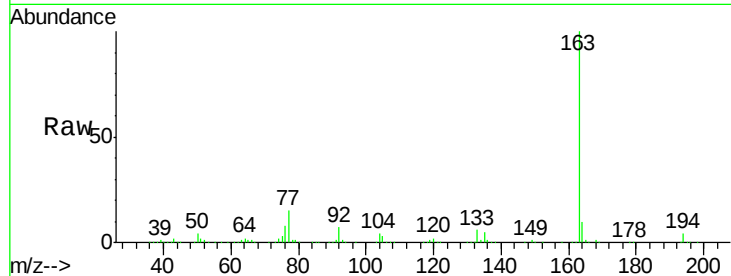
#49
Dimethylphthalate
Concen: 38.79 ng
RT: 9.42 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Instrument :
BNA_F
ClientSampleId :
PB94644BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	918529		
194	3.6		2.6	4.0
164	10.1		8.7	13.1

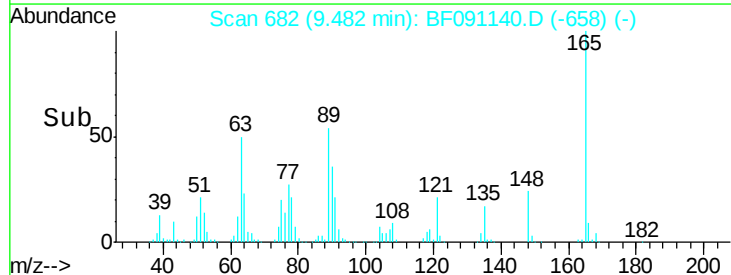
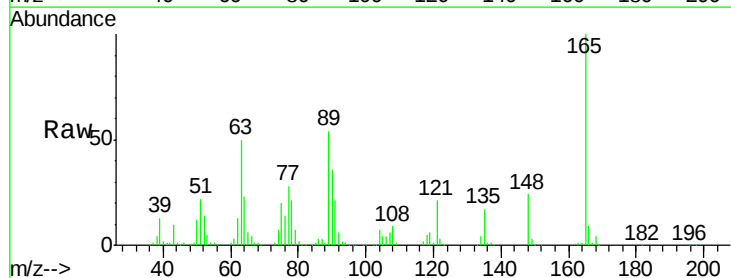
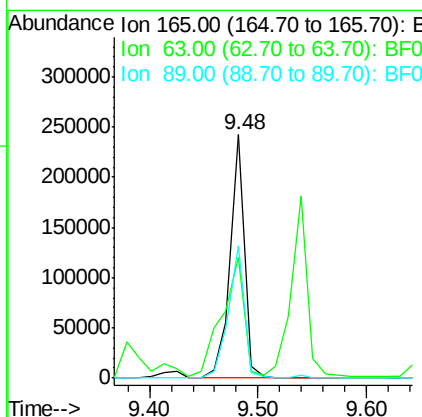
Manual Integrations
APPROVED

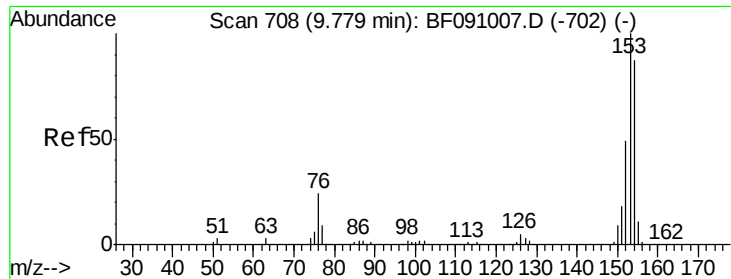
sohil
11/14/2016 6:36:59 PM



#50
2,6-Dinitrotoluene
Concen: 43.60 ng
RT: 9.48 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	221262		
63	49.8		65.6	98.4#
89	54.2		59.8	89.6#





#51

Acenaphthene

Concen: 34.03 ng

RT: 9.71 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

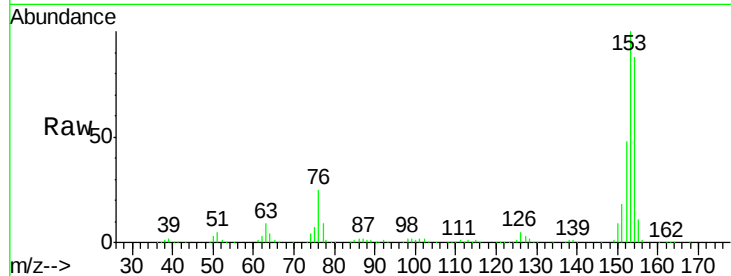
ClientSampleId :

PB94644BS

Tot Ion:	154	Resp:	666502
Ion Ratio	Lower	Upper	
154	100		
153	114.0	91.6	137.4
152	55.2	44.6	67.0

Manual Integrations
APPROVED

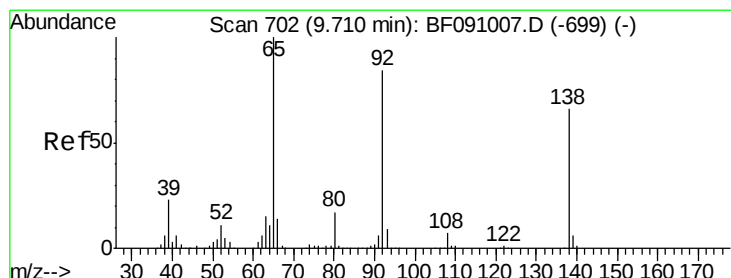
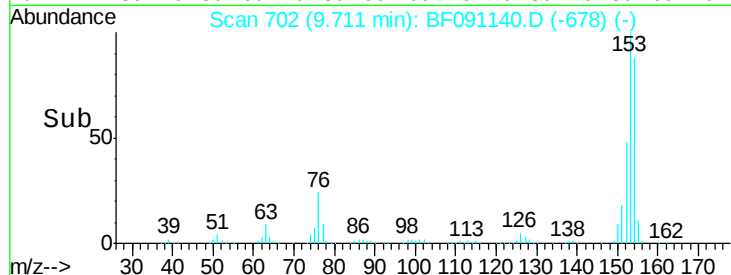
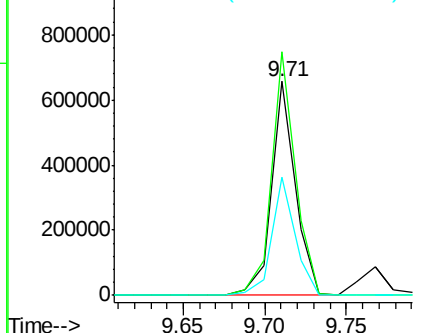
sohil
11/14/2016 6:36:59 PM



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: 19.59 ng

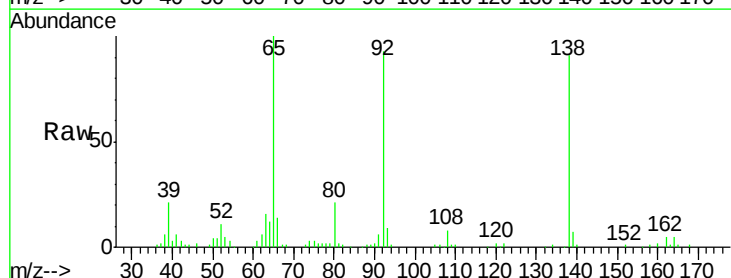
RT: 9.65 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

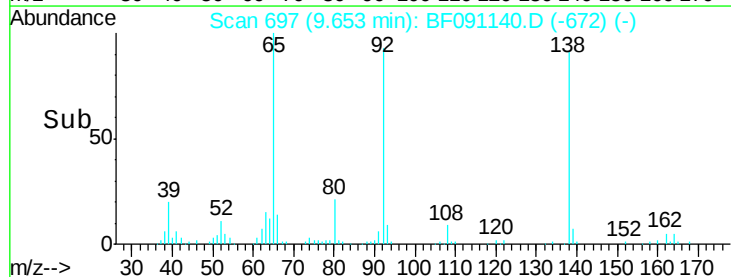
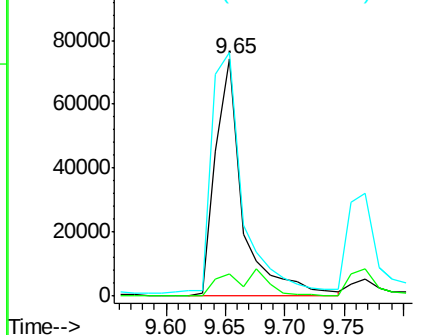
Tgt Ion:	138	Resp:	117913
Ion Ratio	Lower	Upper	
138	100		
108	9.3	8.4	12.6
92	102.5	101.1	151.7

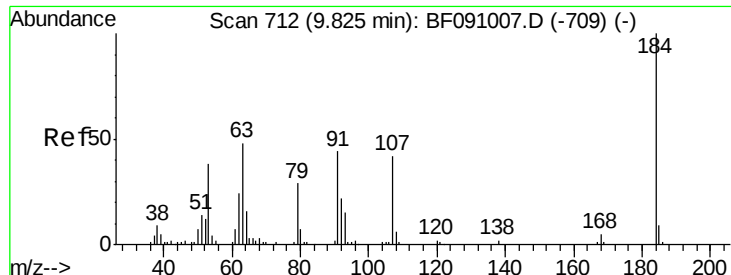


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





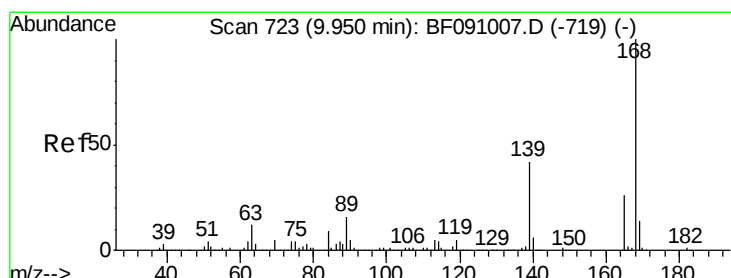
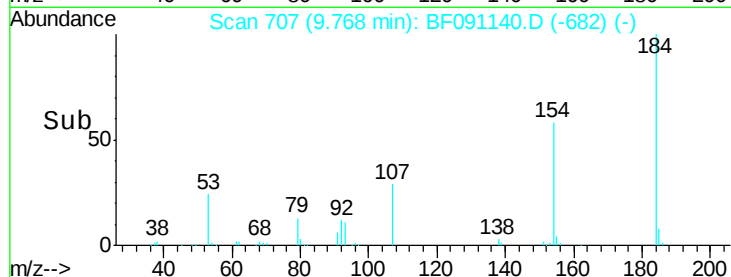
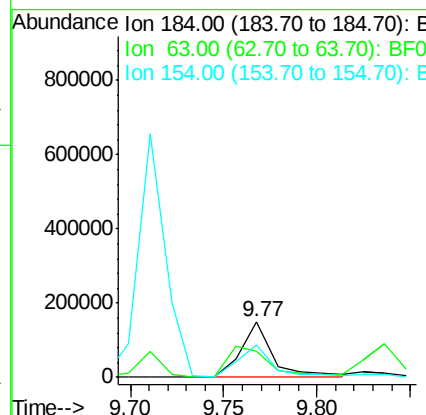
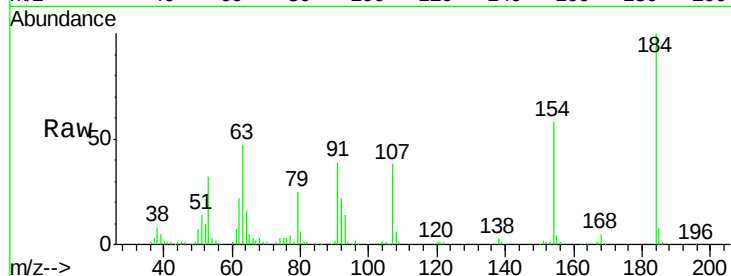
#53
2,4-Dinitrophenol
Concen: 65.34 ng
RT: 9.77 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Instrument :
BNA_F
ClientSampleId :
PB94644BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	177162		
63	46.7	45.5	68.3	
154	57.7	51.0	76.4	

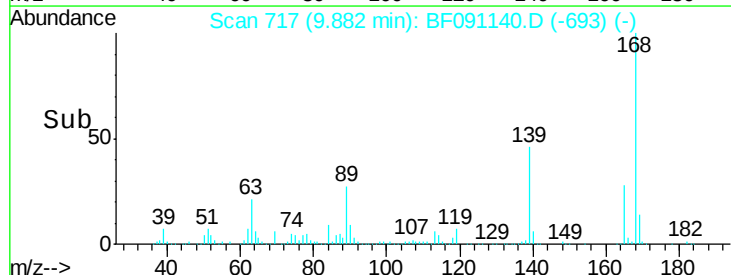
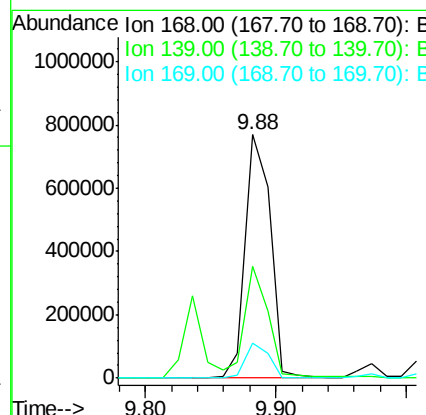
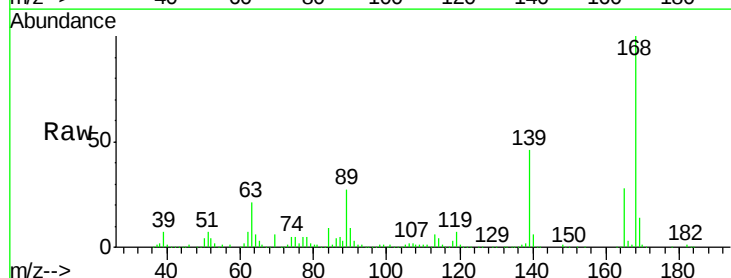
Manual Integrations
APPROVED

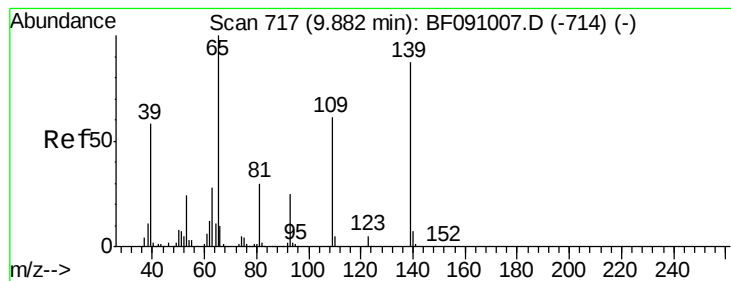
sohil
11/14/2016 6:36:59 PM



#54
Dibenzofuran
Concen: 38.83 ng
RT: 9.88 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1023753		
139	45.7	34.8	52.2	
169	14.4	11.4	17.2	





#55

4-Nitrophenol

Concen: 68.65 ng

RT: 9.84 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

PB94644BS

Tot Ion:139 Resp: 271632

Ion Ratio Lower Upper

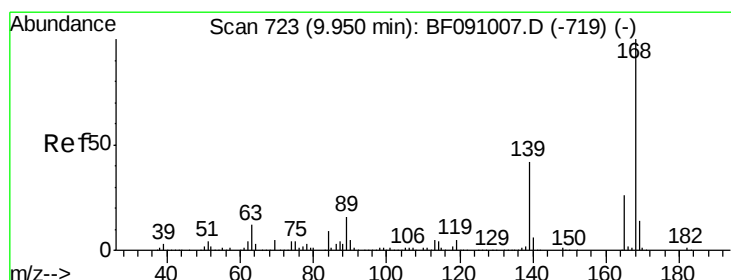
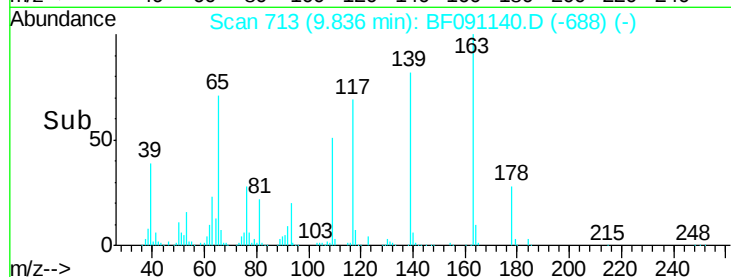
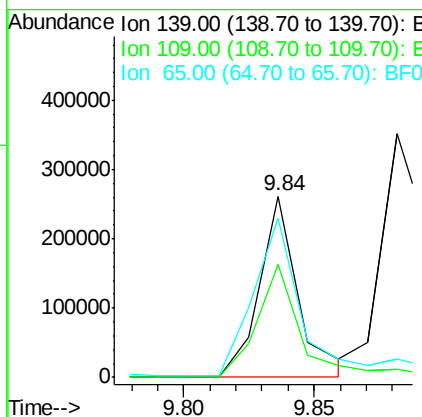
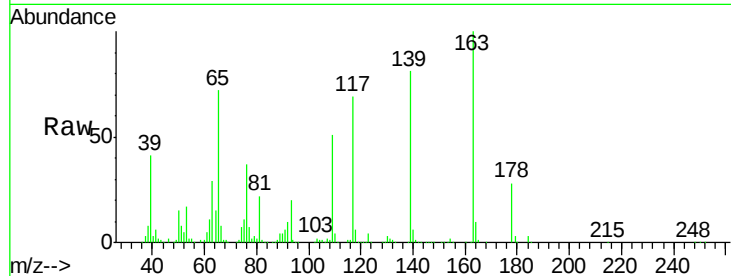
139 100

109 62.5 50.5 90.5

65 87.9 97.1 137.1#

Manual Integrations
APPROVED

sohil
11/14/2016 6:36:59 PM



#56

2,4-Dinitrotoluene

Concen: 40.47 ng

RT: 9.88 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Tgt Ion:165 Resp: 261270

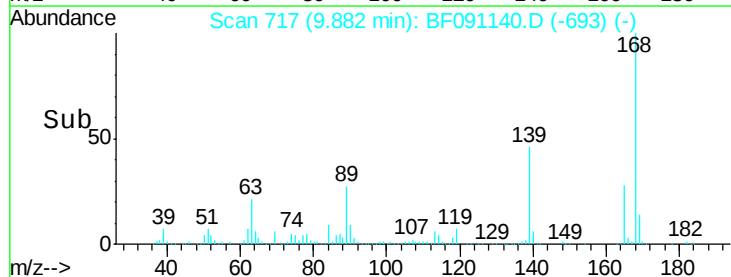
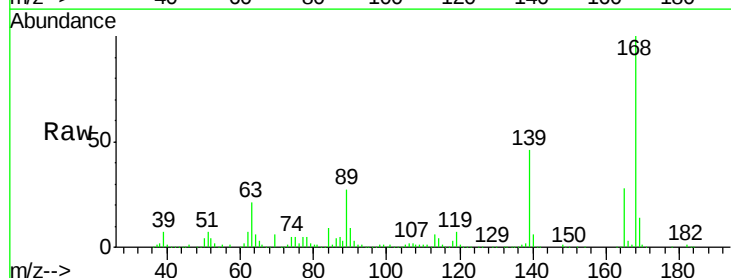
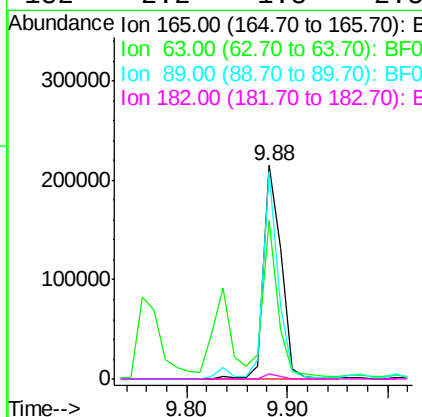
Ion Ratio Lower Upper

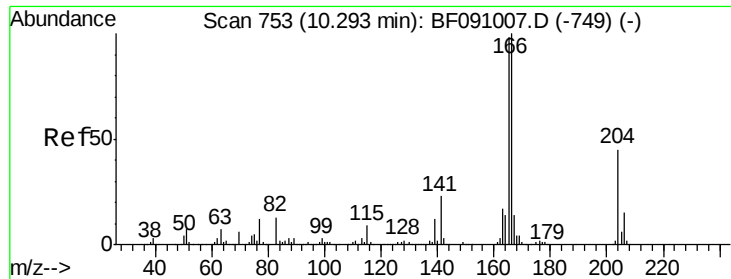
165 100

63 74.2 38.7 58.1#

89 97.1 50.6 76.0#

182 2.2 1.8 2.8





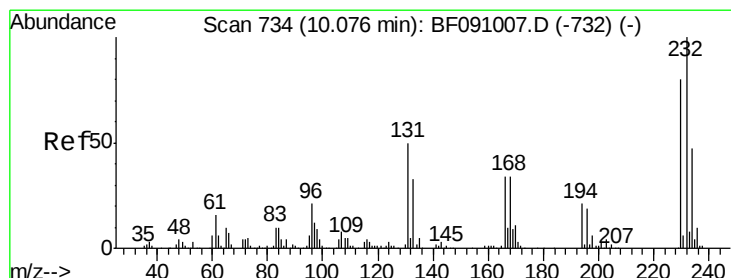
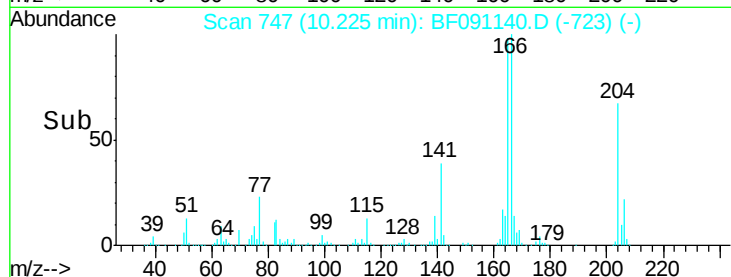
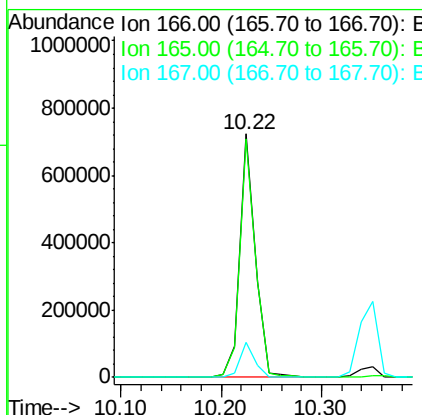
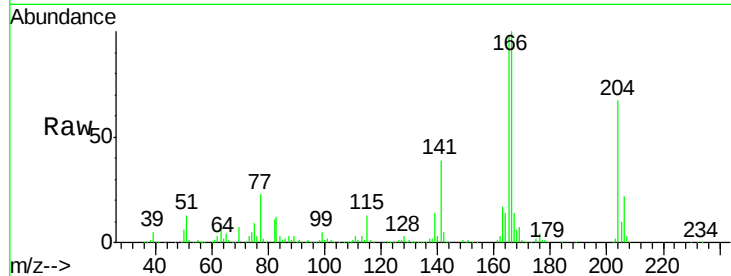
#57
Fluorene
 Concen: 36.28 ng
 RT: 10.22 min Scan# 747
 Delta R.T. -0.02 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB94644BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	118.0
167	14.1	11.1	16.7

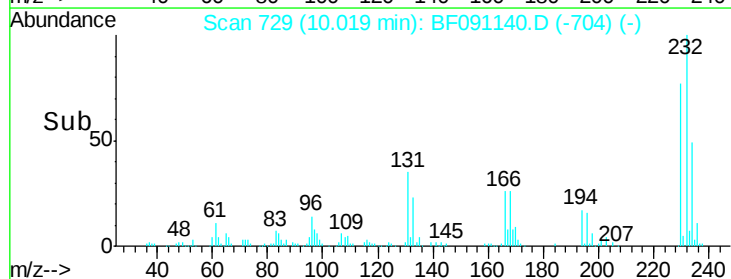
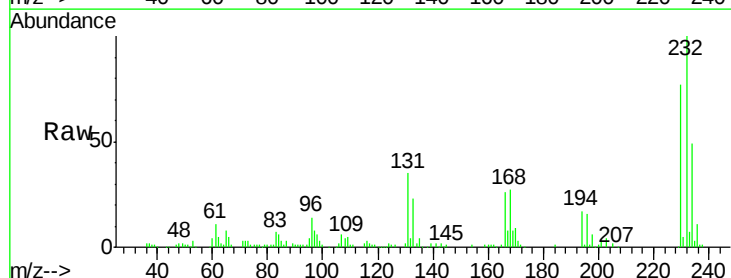
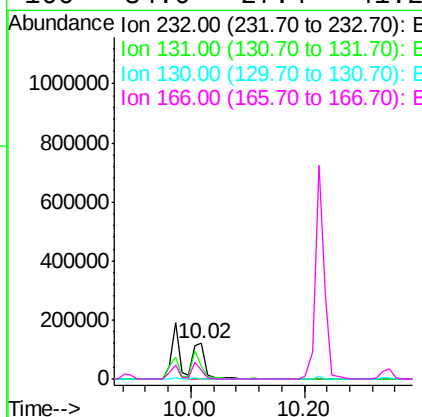
Manual Integrations
 APPROVED

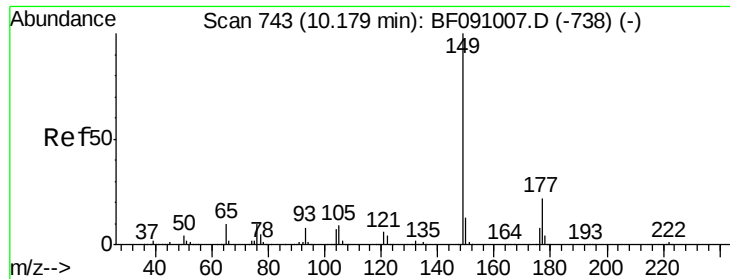
sohil
 11/14/2016 6:36:59 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.74 ng
 RT: 10.02 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Tgt Ion	Ratio	Lower	Upper
232	100		
131	56.7	43.6	65.4
130	2.7	2.0	3.0
166	34.0	27.4	41.2





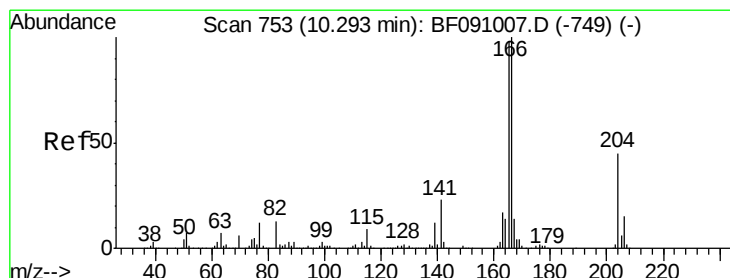
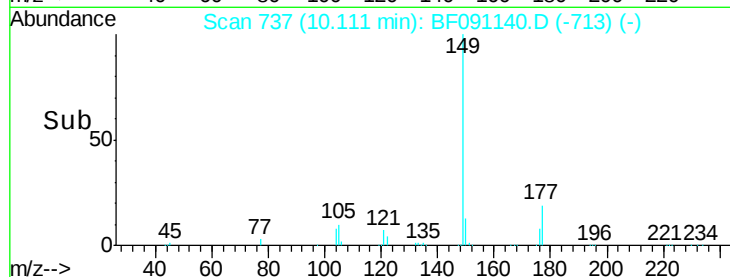
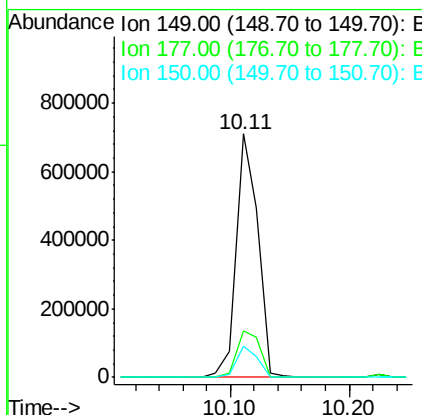
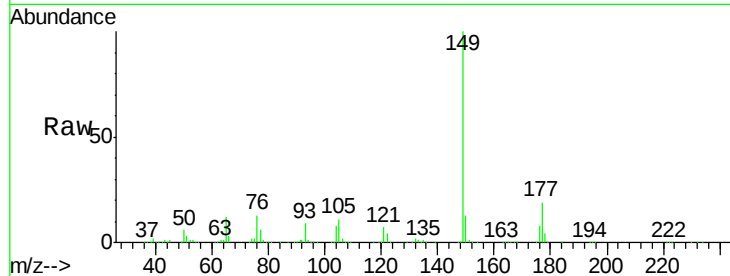
#59
Diethylphthalate
Concen: 37.10 ng
RT: 10.11 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Instrument :
BNA_F
ClientSampleId :
PB94644BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	900616		
177	18.9		17.3	25.9
150	12.8		10.3	15.5

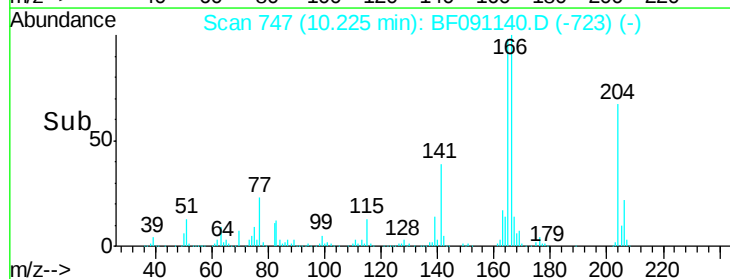
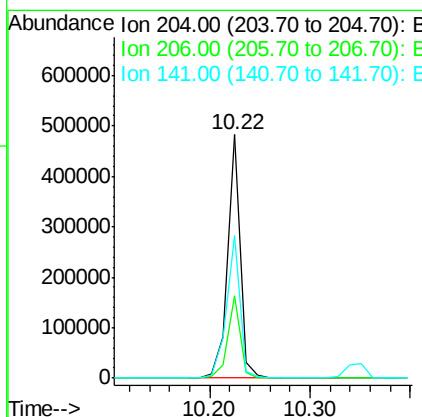
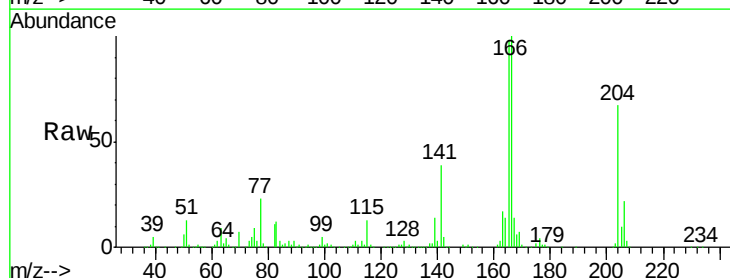
Manual Integrations
APPROVED

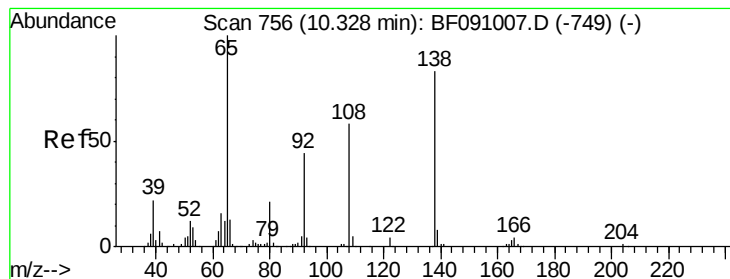
sohil
11/14/2016 6:36:59 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.78 ng
RT: 10.22 min Scan# 747
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	419617		
206	33.7		27.1	40.7
141	58.3		40.1	60.1





#61

4-Nitroaniline

Concen: 36.56 ng

RT: 10.27 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

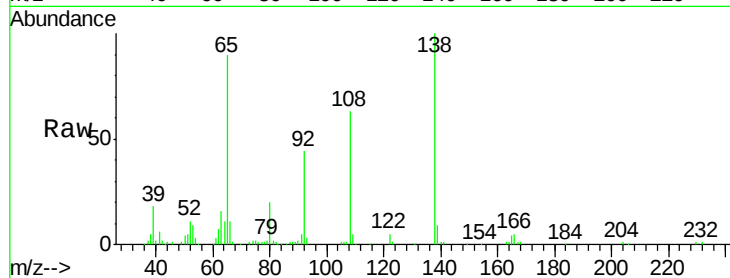
ClientSampleId :

PB94644BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.7	32.5	72.5
108	63.3	49.4	89.4

Manual Integrations
APPROVED

sohil
11/14/2016 6:36:59 PM

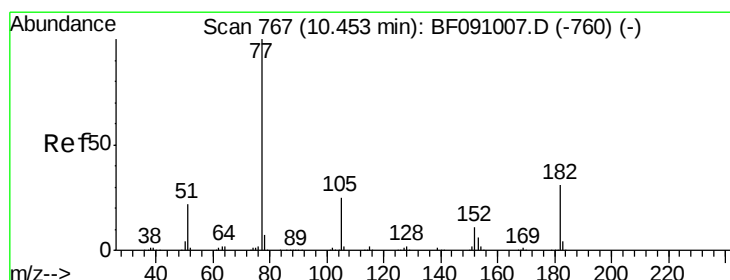
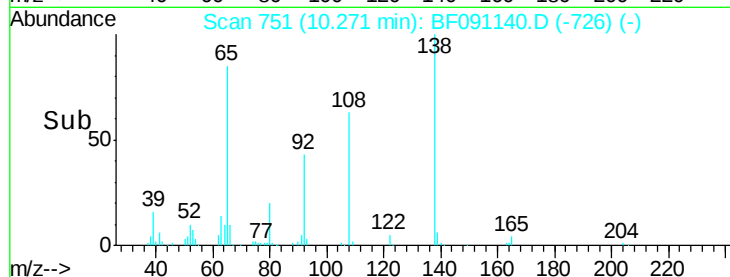
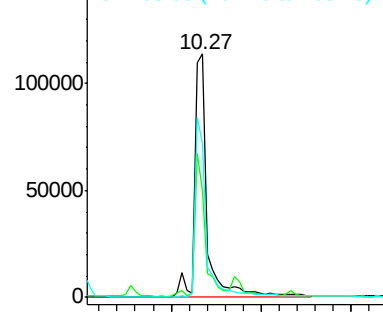


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.19 ng

RT: 10.38 min Scan# 761

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.5	11.0	51.0
105	24.5	5.6	45.6
51	24.2	2.7	42.7

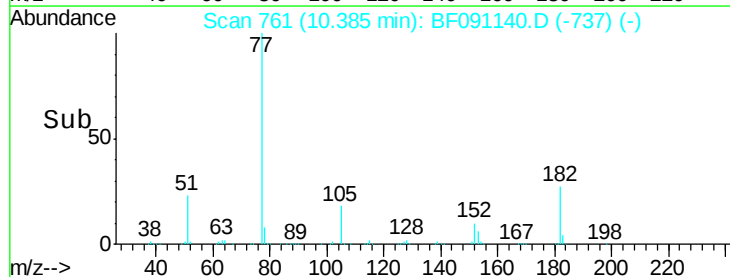
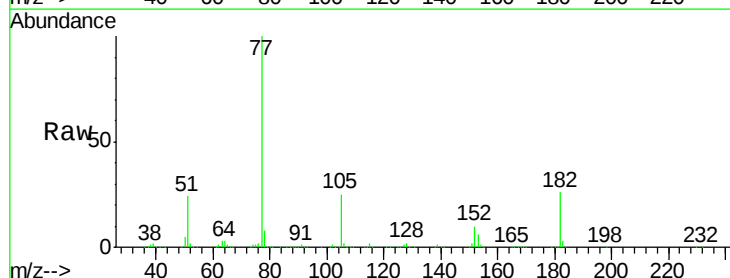
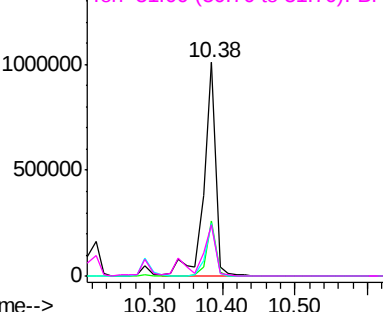
Abundance

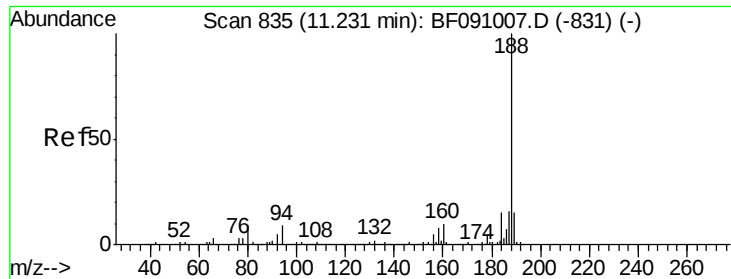
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





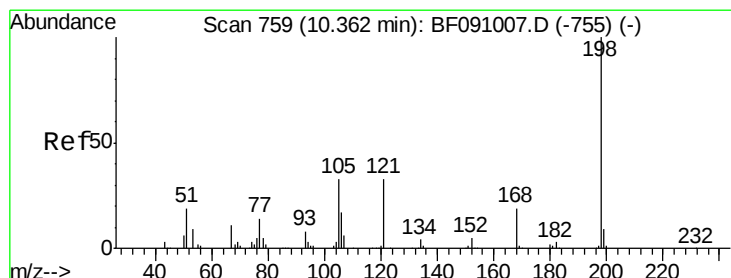
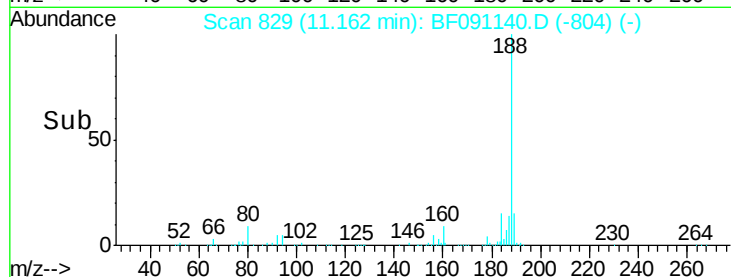
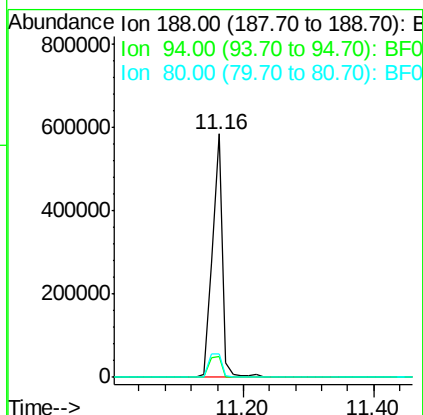
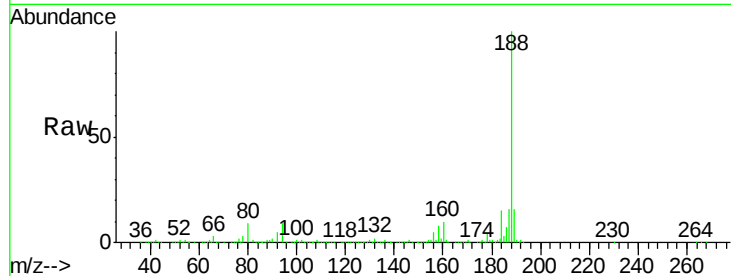
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Instrument :
BNA_F
ClientSampleId :
PB94644BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.8	7.0	10.4
80	9.4	7.5	11.3

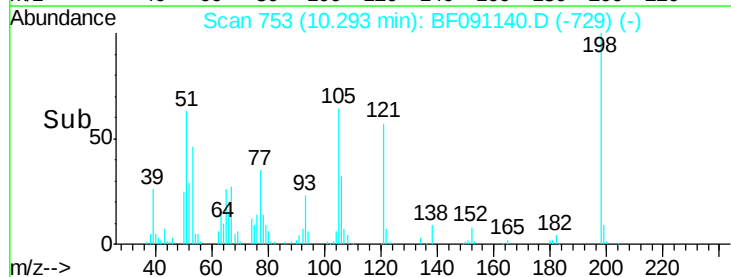
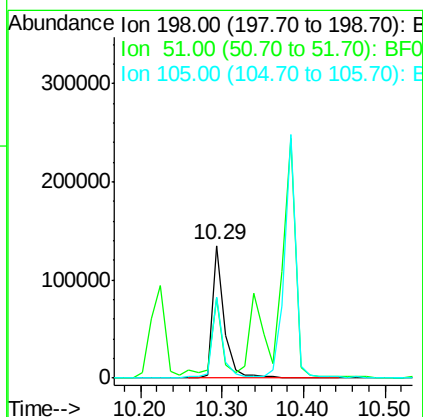
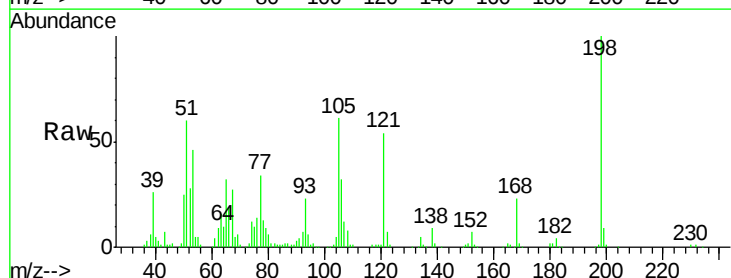
Manual Integrations
APPROVED

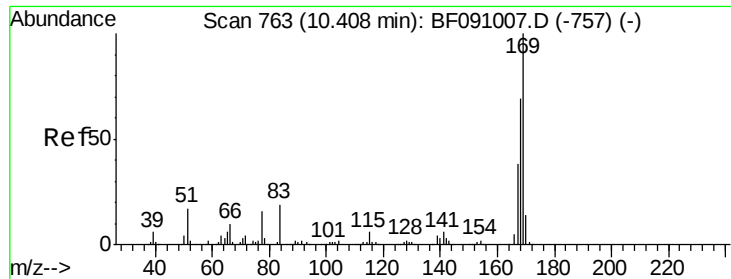
sohil
11/14/2016 6:36:59 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 35.93 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	60.1	5.9	45.9#
105	61.2	13.8	53.8#





#65

n-Nitrosodiphenylamine

Concen: 37.65 ng

RT: 10.35 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

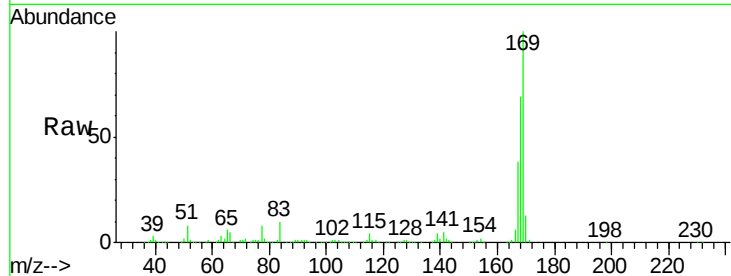
ClientSampleId :

PB94644BS

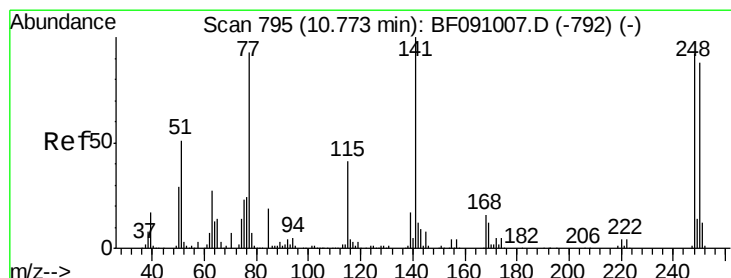
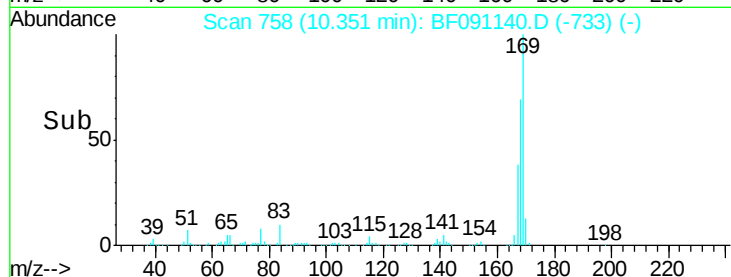
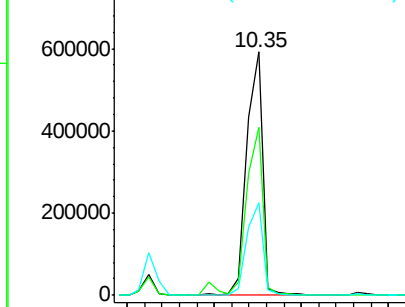
Tot Ion:	169	Resp:	764394
Ion Ratio	Lower	Upper	
169	100		
168	69.2	55.3	82.9
167	37.9	30.3	45.5

Manual Integrations
APPROVED

sohil
11/14/2016 6:36:59 PM



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 33.36 ng

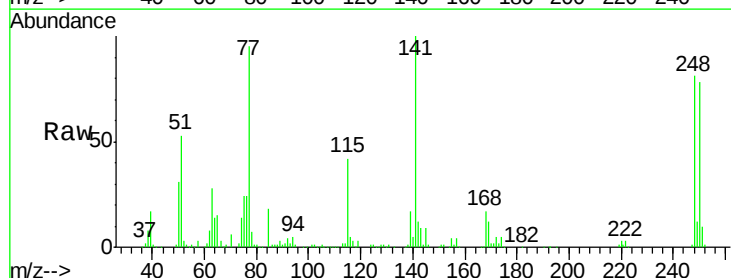
RT: 10.70 min Scan# 789

Delta R.T. -0.02 min

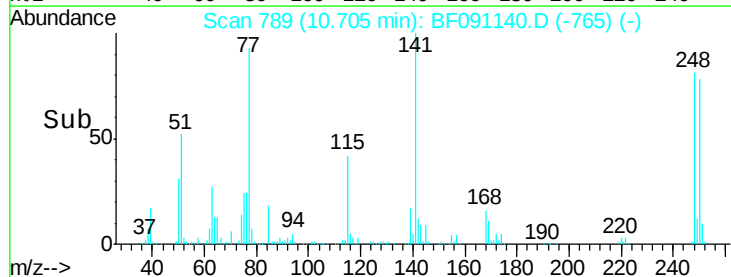
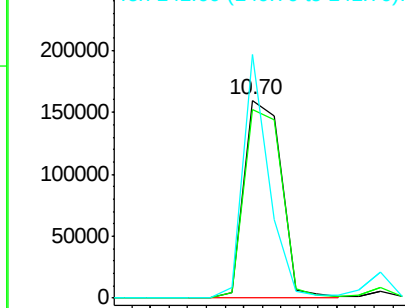
Lab File: BF091140.D

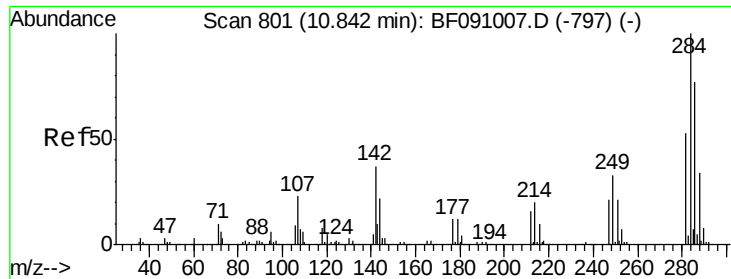
Acq: 11 Nov 2016 15:16

Tgt Ion:	248	Resp:	221589
Ion Ratio	Lower	Upper	
248	100		
250	95.4	76.3	114.5
141	122.9	86.8	130.2



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





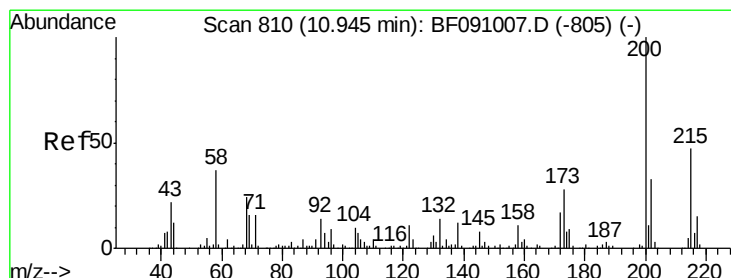
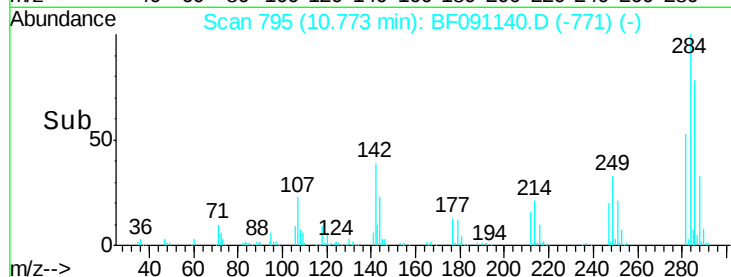
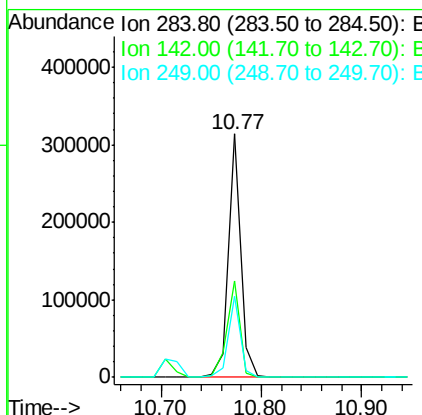
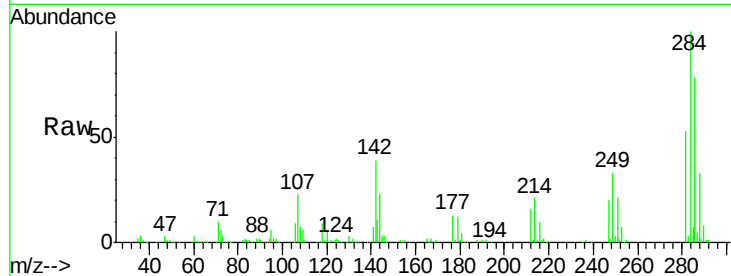
#67
Hexachlorobenzene
Concen: 36.74 ng
RT: 10.77 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Instrument :
BNA_F
ClientSampleId :
PB94644BS

Tot Ion:	284	Resp:	269196
Ion Ratio		Lower	Upper
284	100		
142	39.4	29.9	44.9
249	33.0	26.6	39.8

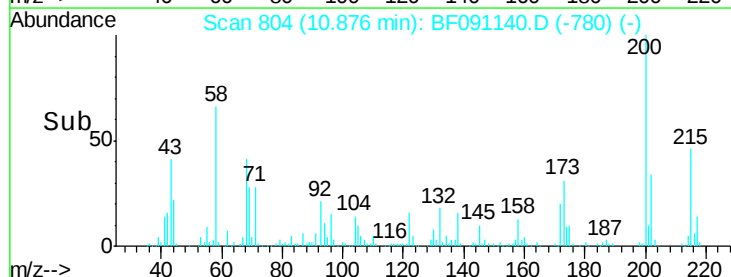
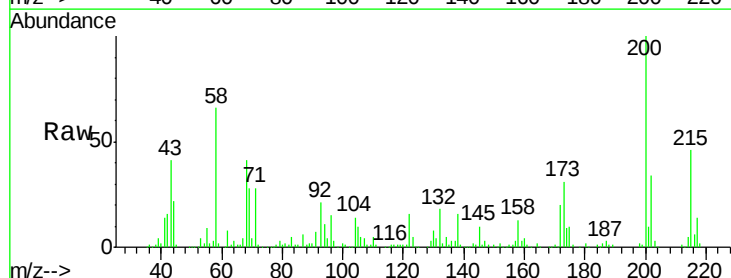
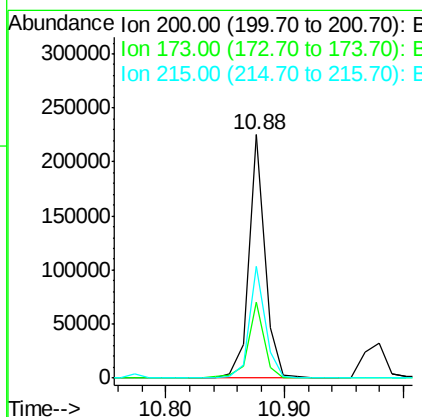
Manual Integrations
APPROVED

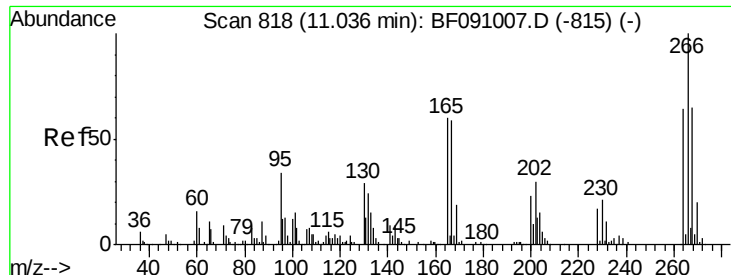
sohil
11/14/2016 6:36:59 PM



#68
Atrazine
Concen: 36.61 ng
RT: 10.88 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion:	200	Resp:	214400
Ion Ratio		Lower	Upper
200	100		
173	31.0	8.1	48.1
215	46.0	27.3	67.3





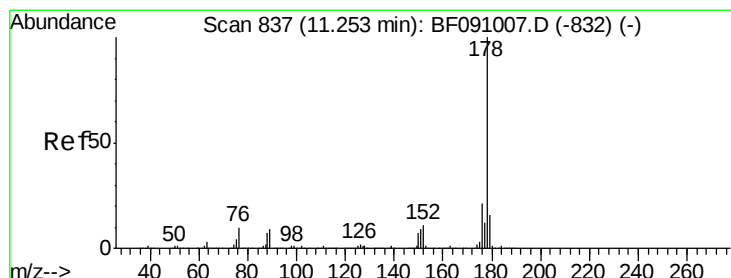
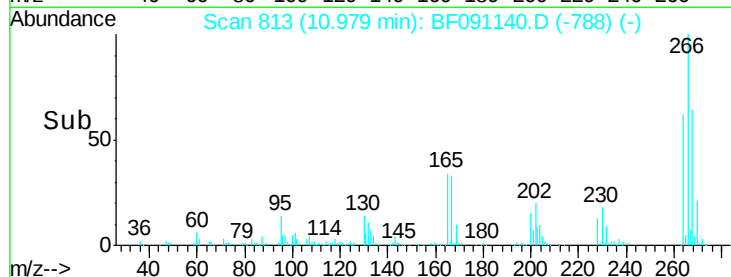
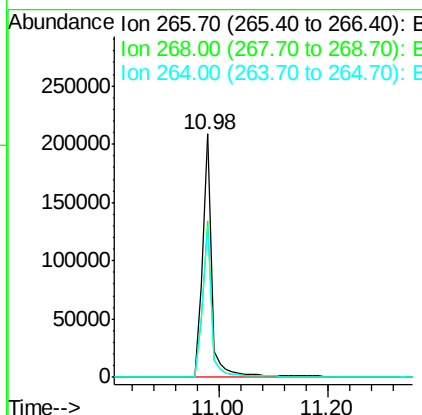
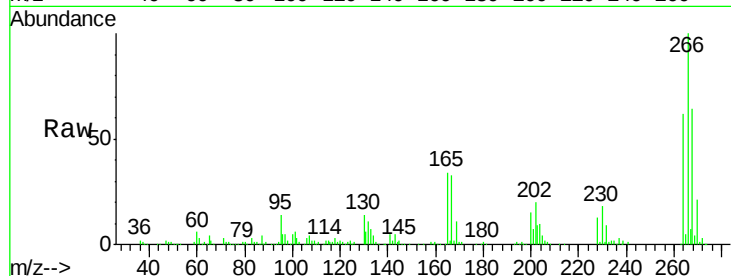
#69
 Pentachlorophenol
 Concen: 75.25 ng
 RT: 10.98 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Instrument :
 BNA_F
 ClientSampleID :
 PB94644BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.4	52.1	78.1
264	62.4	51.1	76.7

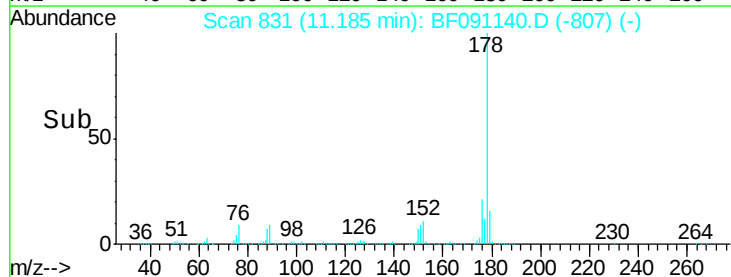
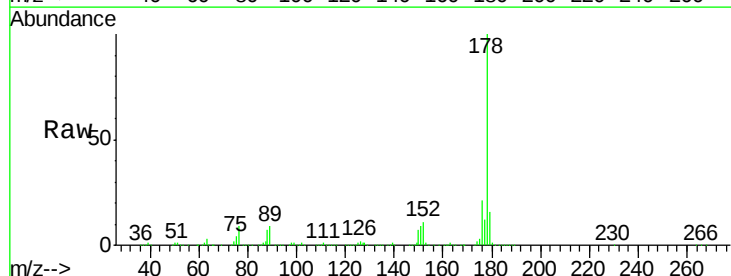
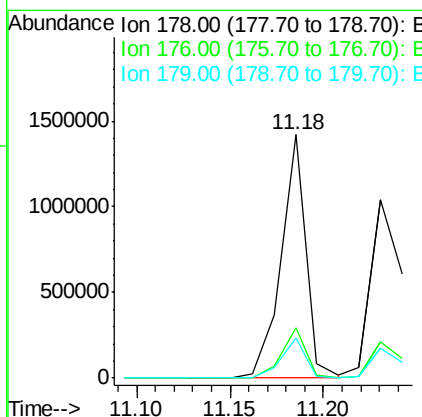
Manual Integrations
 APPROVED

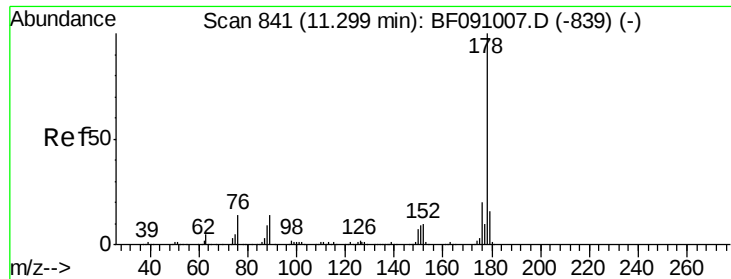
sohil
 11/14/2016 6:36:59 PM



#70
 Phenanthrene
 Concen: 38.62 ng
 RT: 11.18 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.6	25.0
179	16.2	12.9	19.3





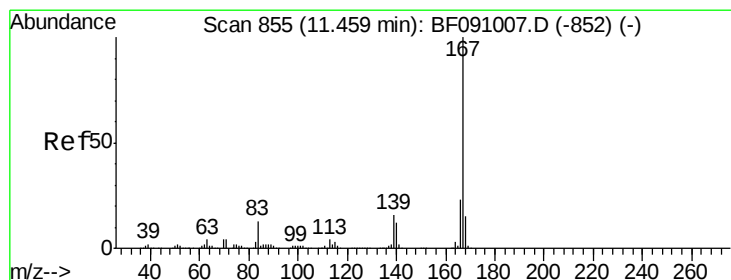
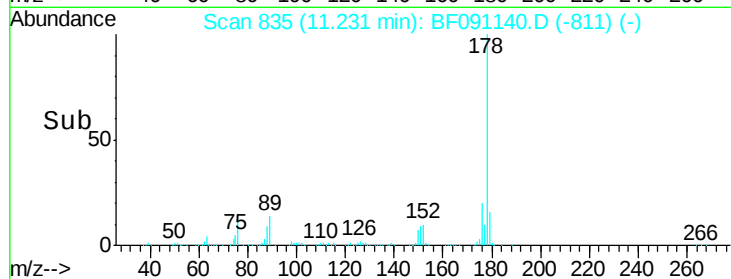
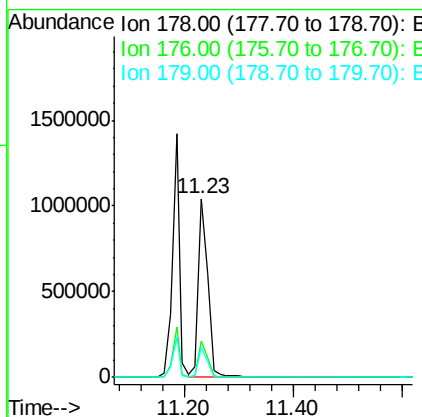
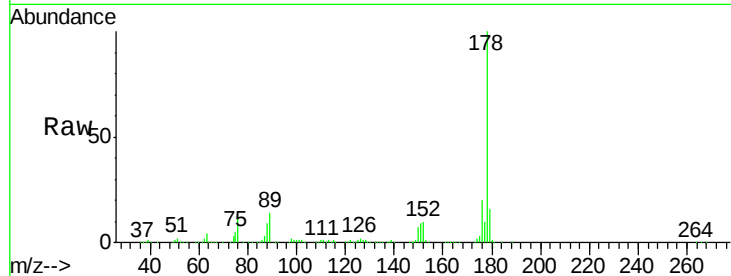
#71
 Anthracene
 Concen: 34.32 ng
 RT: 11.23 min Scan# 835
 Delta R.T. -0.02 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB94644BS

Tot Ion:178 Resp: 1238949
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 16.4 13.0 19.6

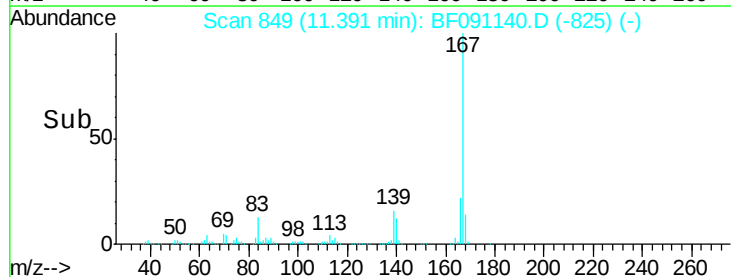
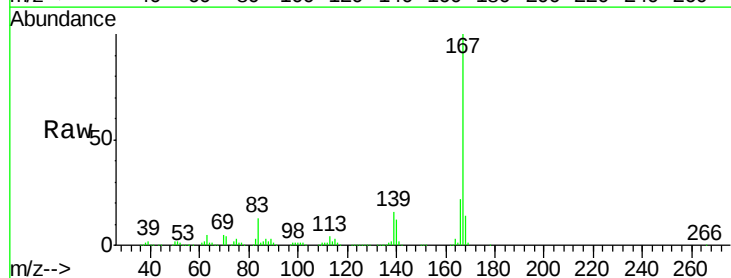
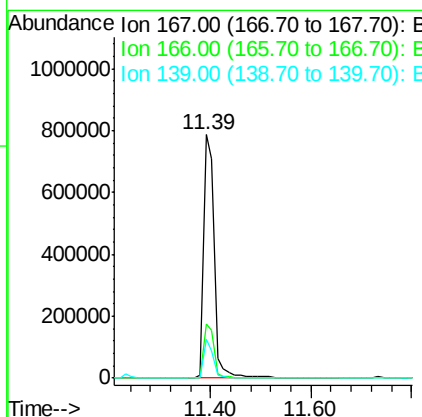
Manual Integrations
 APPROVED

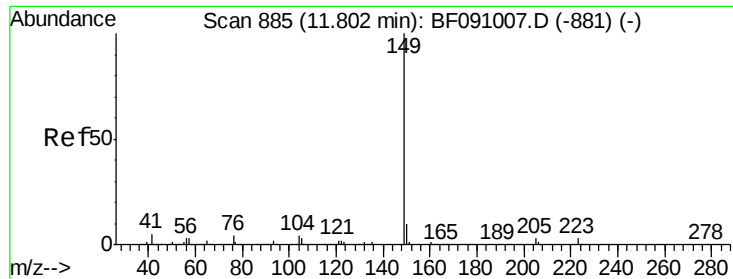
sohil
 11/14/2016 6:36:59 PM



#72
 Carbazole
 Concen: 35.29 ng
 RT: 11.39 min Scan# 849
 Delta R.T. -0.02 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Tgt Ion:167 Resp: 1147959
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.0 27.0
 139 15.9 12.6 18.8





#73

Di-n-butylphthalate

Concen: 36.17 ng

RT: 11.73 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

PB94644BS

Tot Ion:149 Resp: 1479682

Ion Ratio Lower Upper

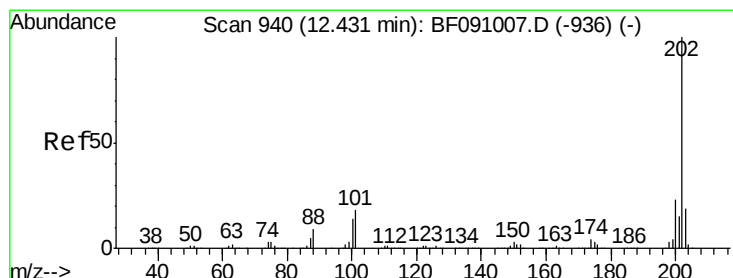
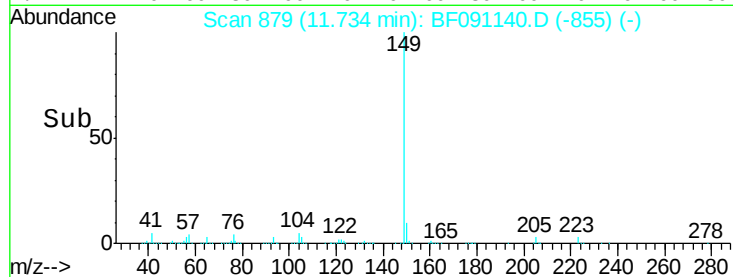
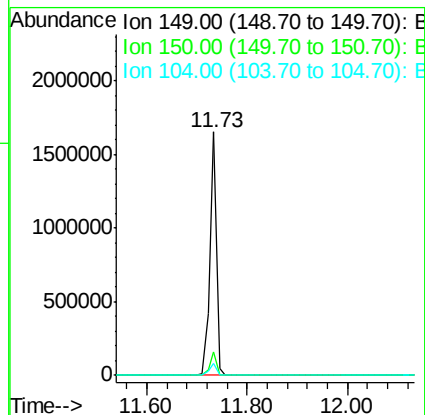
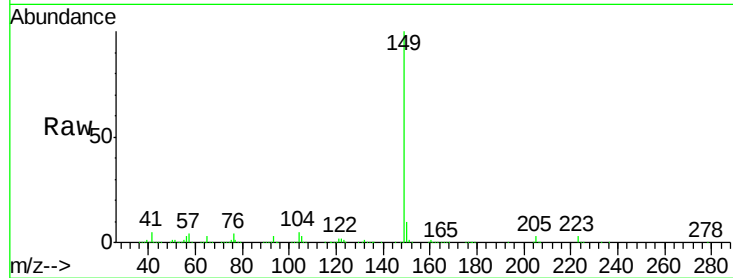
149 100

150 9.7 7.7 11.5

104 4.9 3.6 5.4

Manual Integrations
APPROVED

sohil
11/14/2016 6:36:59 PM



#74

Fluoranthene

Concen: 34.49 ng

RT: 12.36 min Scan# 934

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

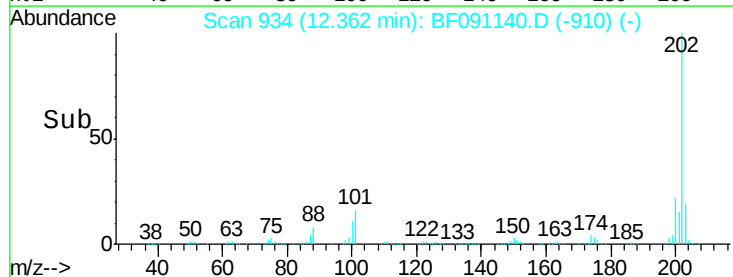
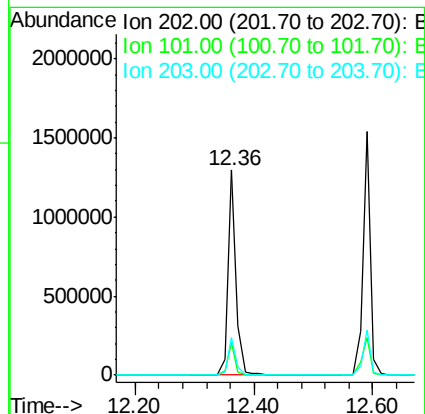
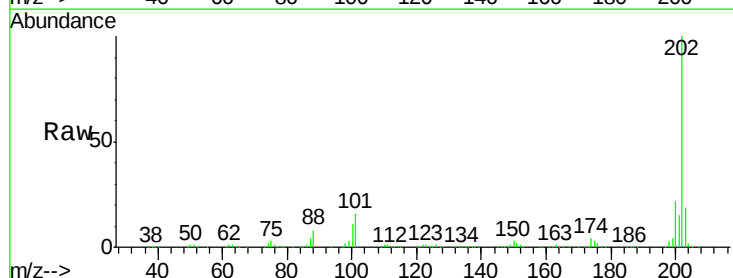
Tgt Ion:202 Resp: 1214452

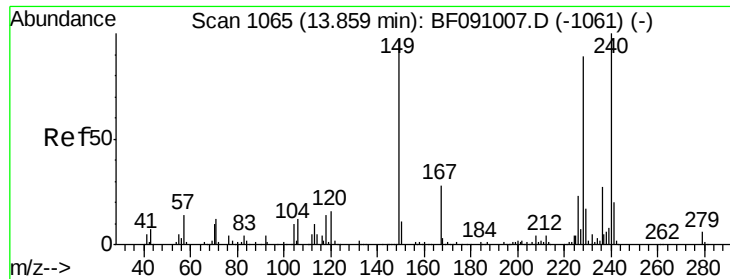
Ion Ratio Lower Upper

202 100

101 15.6 0.0 37.6

203 18.5 0.0 38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

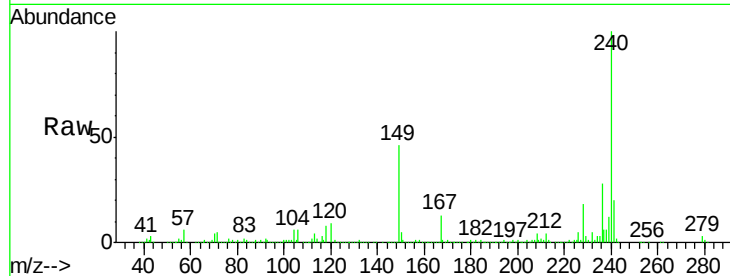
ClientSampleId :

PB94644BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.3	12.9	19.3#
236	28.0	21.9	32.9

Manual Integrations
APPROVED

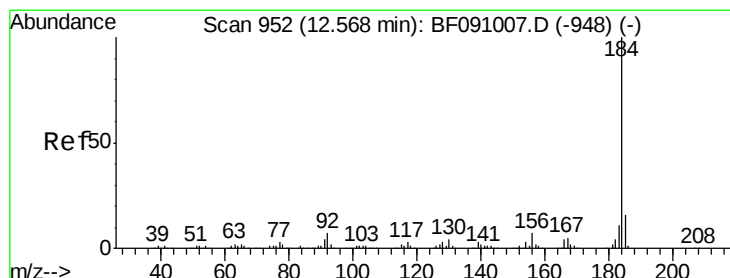
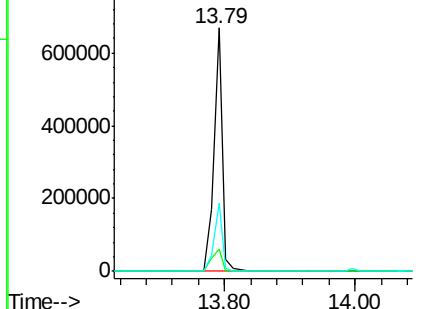
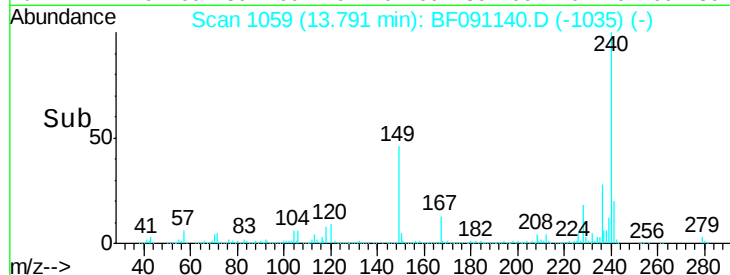
sohil
11/14/2016 6:36:59 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.34 ng

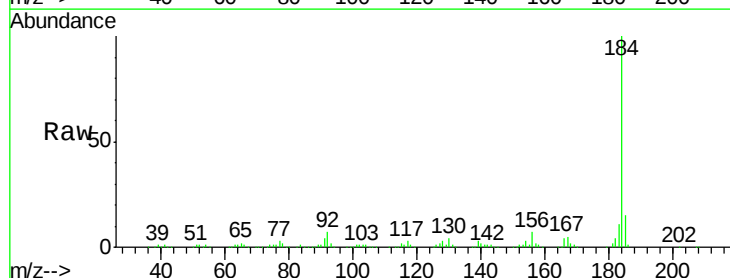
RT: 12.50 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

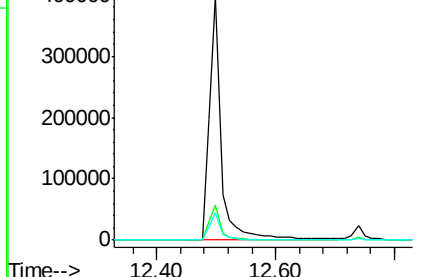
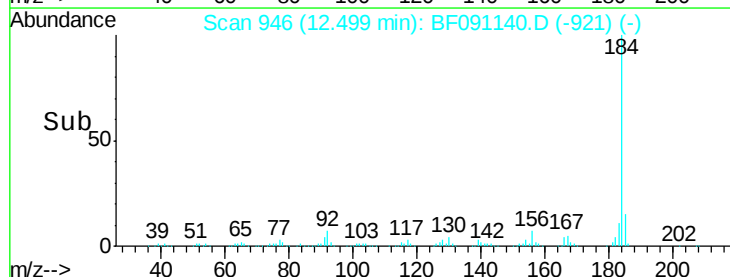
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.0	19.4
183	11.4	8.7	13.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





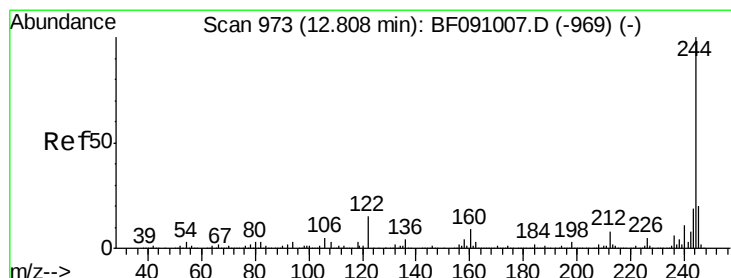
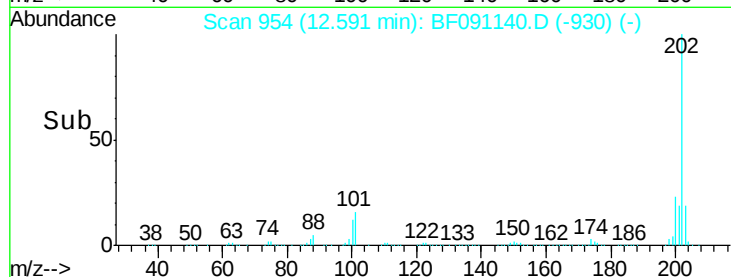
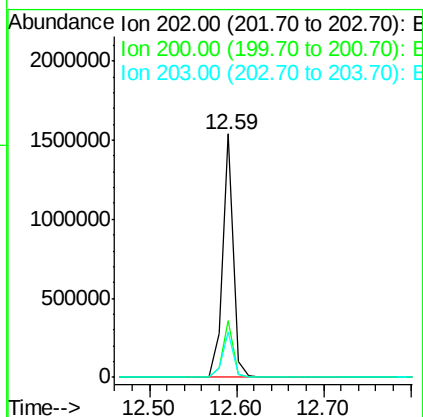
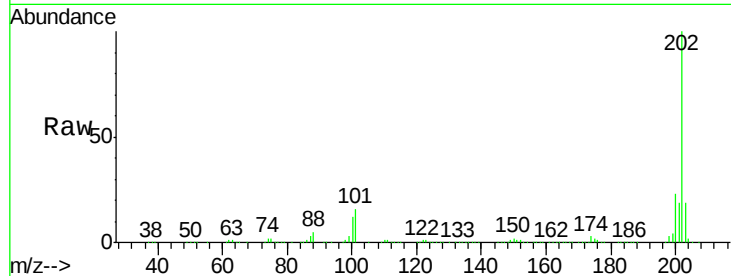
#77
Pvrene
Concen: 33.28 ng
RT: 12.59 min Scan# 954
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Instrument :
BNA_F
ClientSampleId :
PB94644BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.4	27.6
203	18.6	15.0	22.6

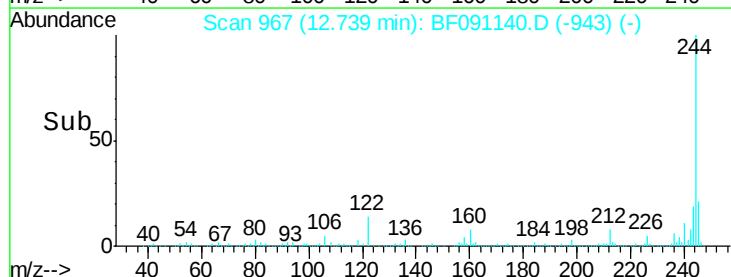
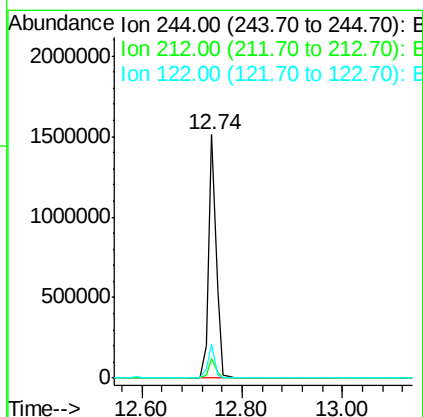
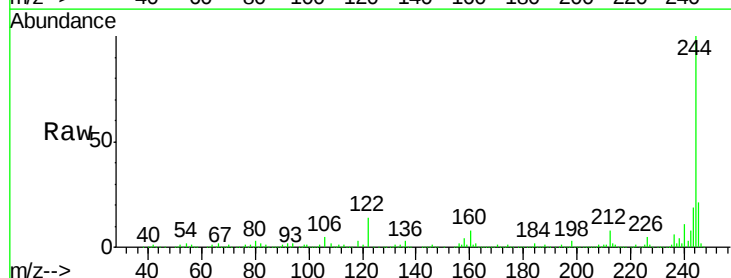
Manual Integrations
APPROVED

sohil
11/14/2016 6:36:59 PM



#78
Terphenyl-d14
Concen: 64.81 ng
RT: 12.74 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.4	9.6
122	13.7	12.3	18.5





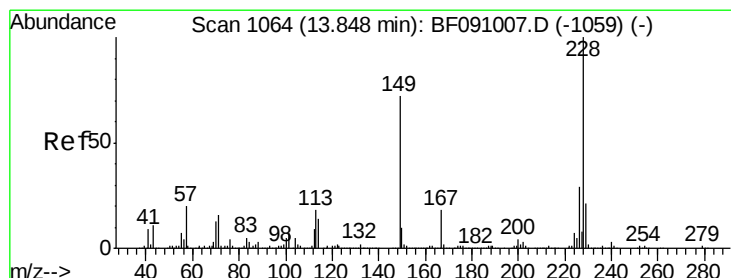
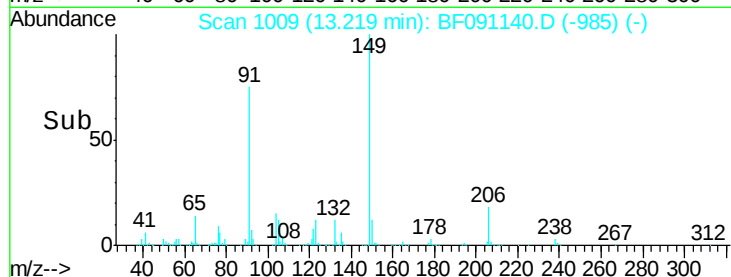
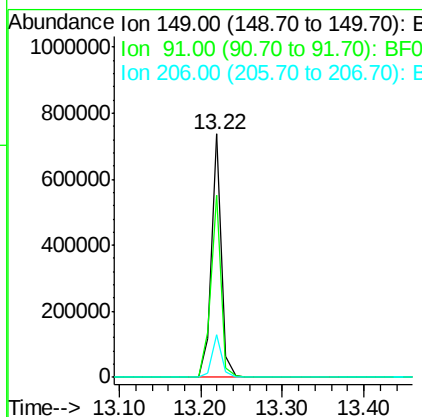
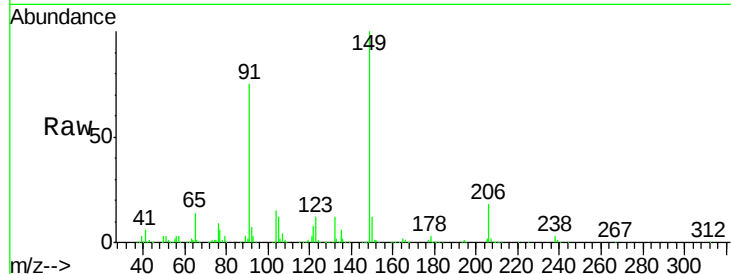
#79
 Butylbenzylphthalate
 Concen: 33.43 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Instrument :
 BNA_F
 ClientSampleID :
 PB94644BS

Tot Ion:	149	Resp:	641866
Ion Ratio	Lower	Upper	
149	100		
91	74.7	65.0	97.4
206	17.7	12.5	18.7

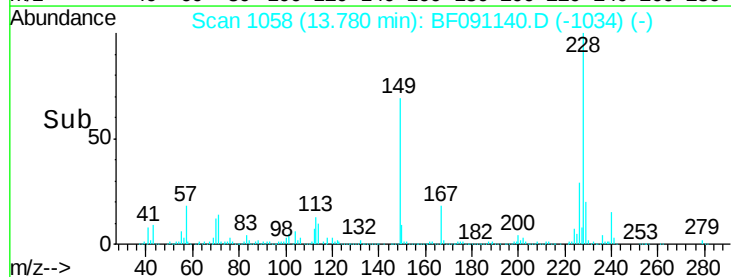
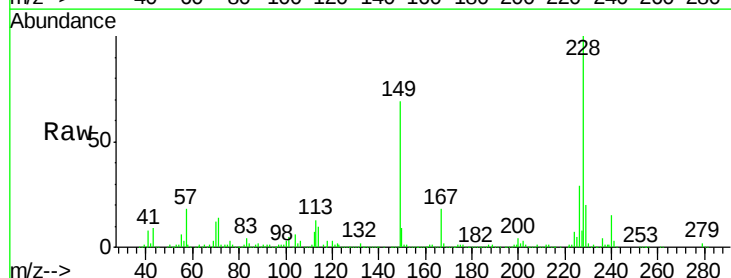
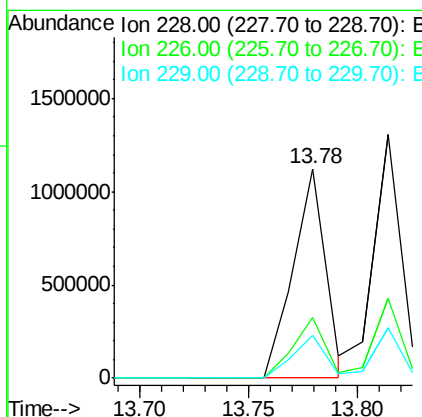
Manual Integrations
 APPROVED

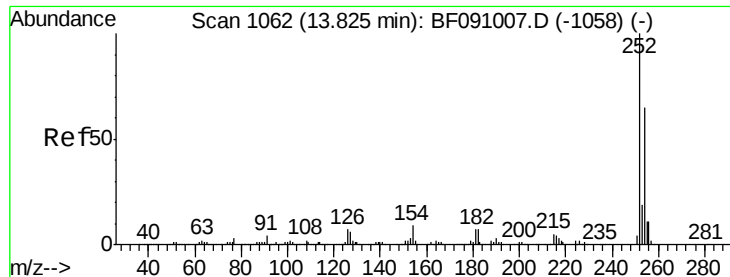
sohil
 11/14/2016 6:36:59 PM



#80
 Benzo(a)anthracene
 Concen: 33.67 ng
 RT: 13.78 min Scan# 1058
 Delta R.T. -0.02 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Tgt Ion:	228	Resp:	1171651
Ion Ratio	Lower	Upper	
228	100		
226	29.1	23.0	34.6
229	20.5	16.6	24.8





#81

3,3'-Dichlorobenzidine

Concen: 17.26 ng

RT: 13.75 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Instrument :

BNA_F

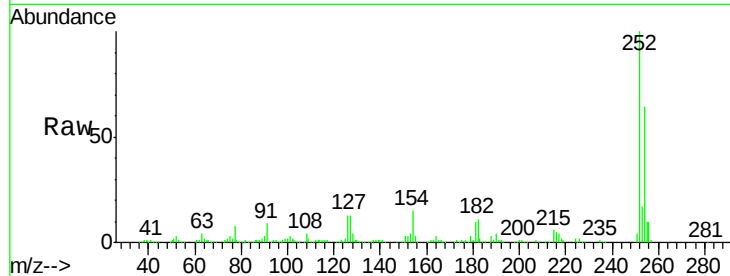
ClientSampleId :

PB94644BS

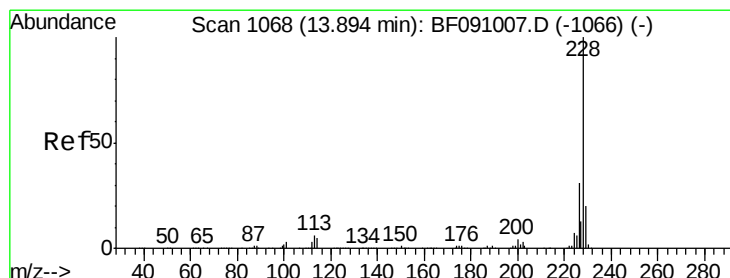
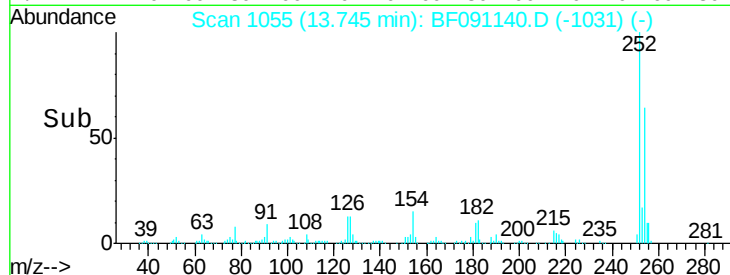
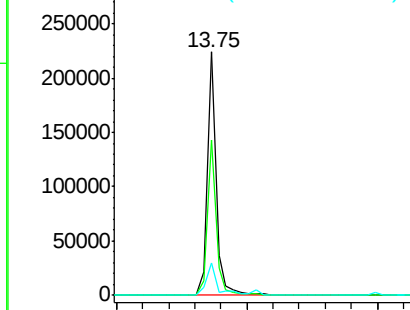
Tot Ion:	252	Resp:	210971
Ion Ratio		Lower	Upper
252	100		
254	64.0	52.0	78.0
126	13.3	5.4	8.2#

Manual Integrations
APPROVED

sohil
11/14/2016 6:36:59 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 34.25 ng

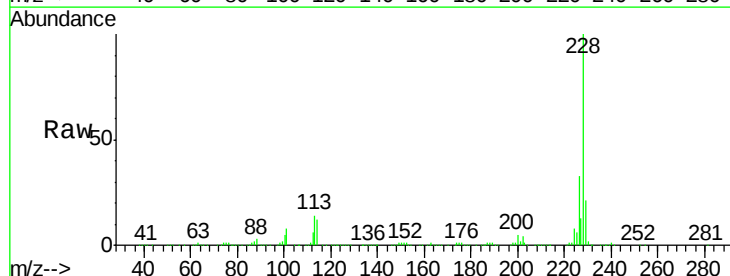
RT: 13.81 min Scan# 1061

Delta R.T. -0.02 min

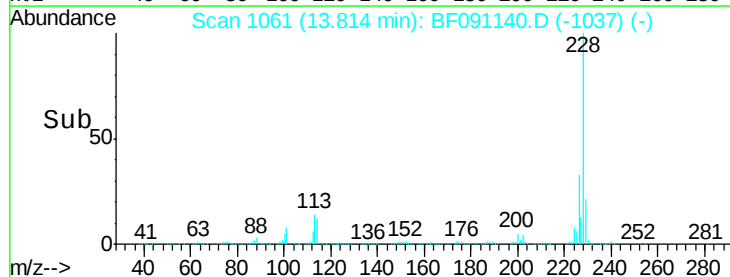
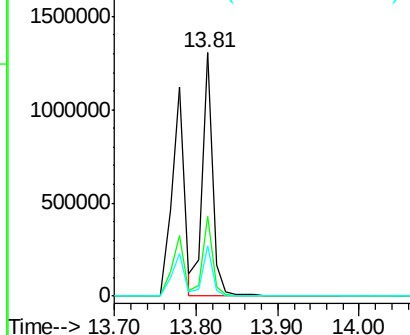
Lab File: BF091140.D

Acq: 11 Nov 2016 15:16

Tgt Ion:	228	Resp:	1175061
Ion Ratio		Lower	Upper
228	100		
226	32.5	24.9	37.3
229	20.8	15.9	23.9



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





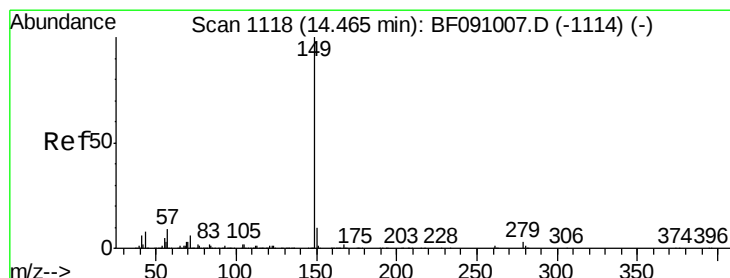
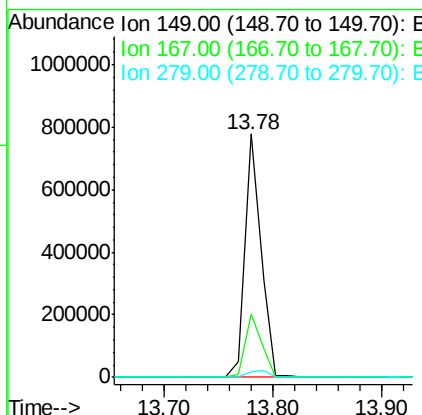
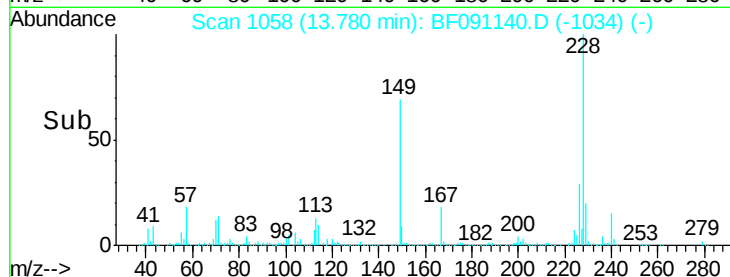
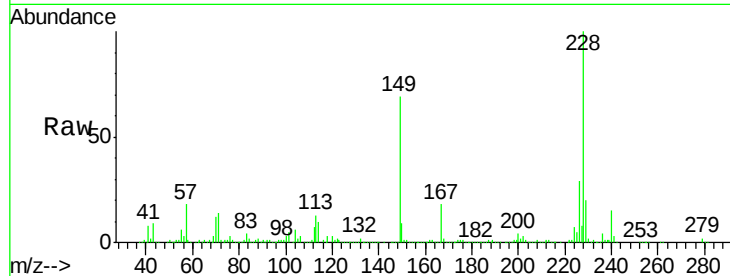
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.39 ng
 RT: 13.78 min Scan# 1058
 Delta R.T. -0.02 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB94644BS

Tot Ion:	149	Resp:	789514
Ion Ratio		Lower	Upper
149	100		
167	26.1	20.4	30.6
279	2.4	1.6	2.4#

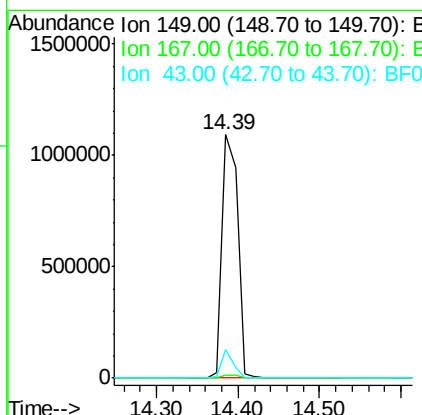
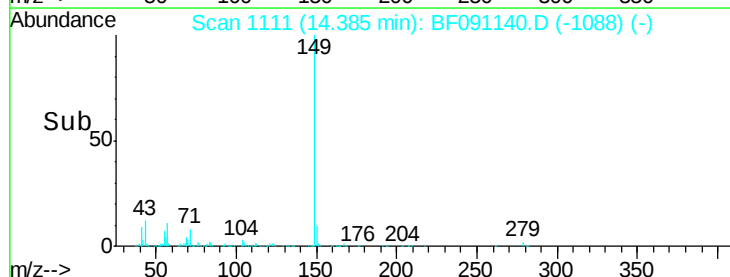
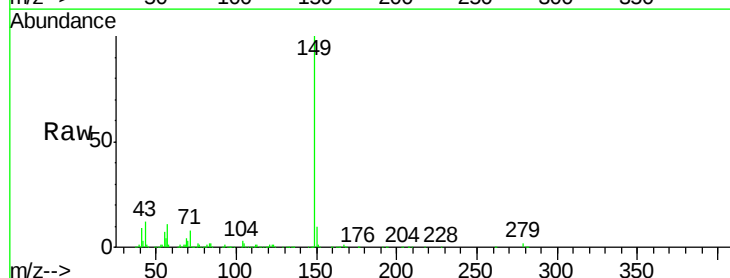
Manual Integrations
 APPROVED

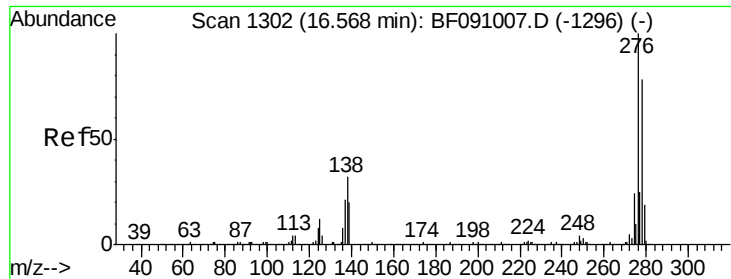
sohil
 11/14/2016 6:36:59 PM



#84
 Di-n-octyl phthalate
 Concen: 33.73 ng
 RT: 14.39 min Scan# 1111
 Delta R.T. -0.03 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Tgt Ion:	149	Resp:	1441018
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.8	8.2	12.4





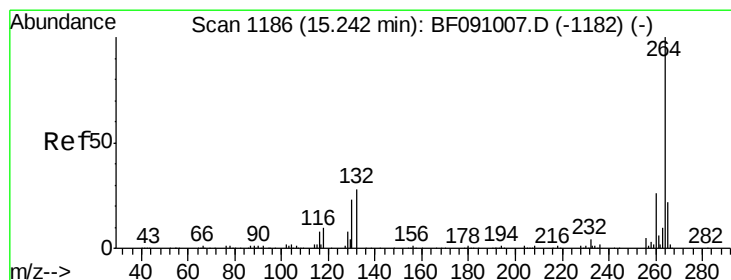
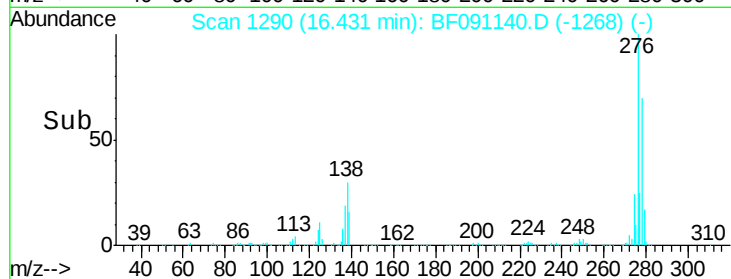
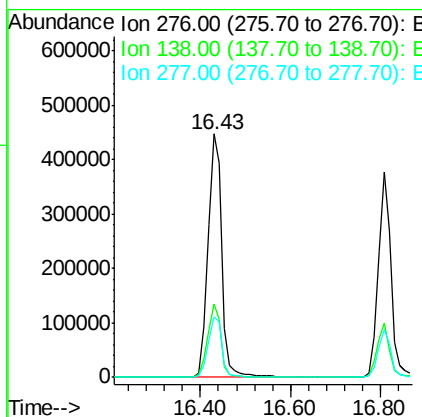
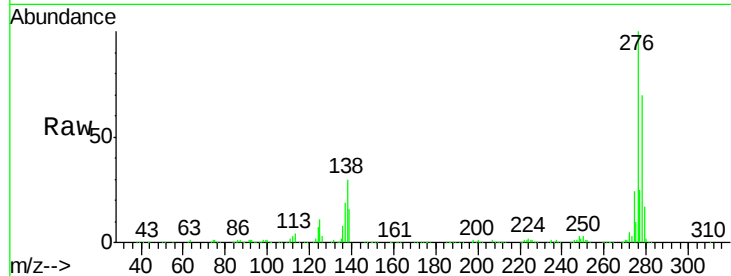
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.47 ng
RT: 16.43 min Scan# 1290
Delta R.T. -0.05 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Instrument :
BNA_F
ClientSampleId :
PB94644BS

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	29.3	26.0	39.0	
277	25.1	20.1	30.1	

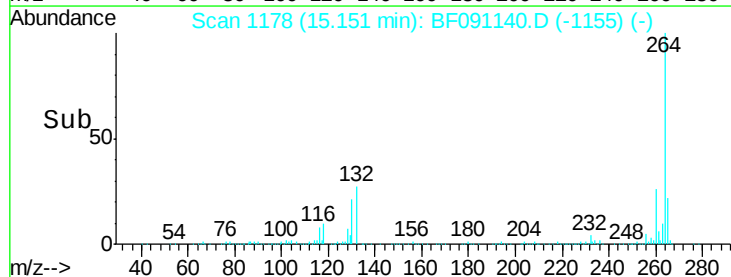
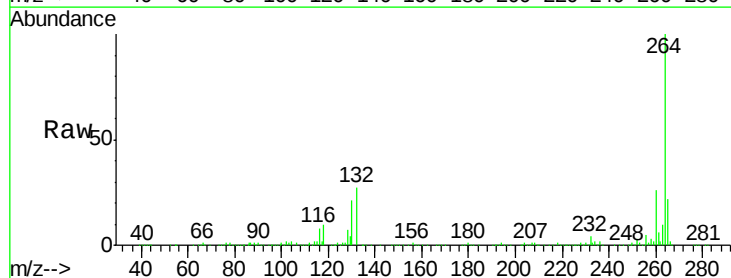
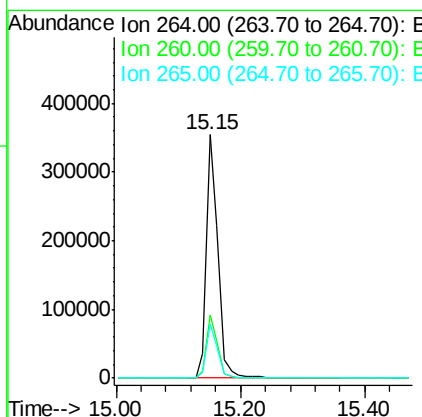
Manual Integrations
APPROVED

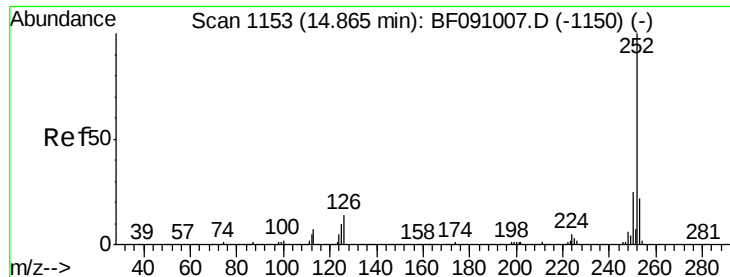
sohil
11/14/2016 6:36:59 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1178
Delta R.T. -0.03 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	25.8	20.6	30.8	
265	22.3	17.8	26.8	





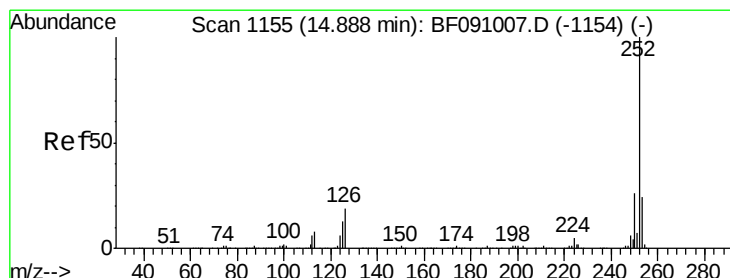
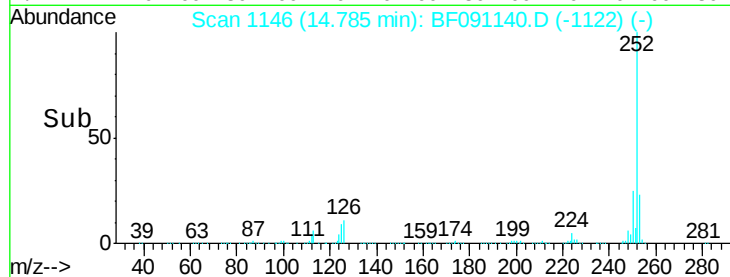
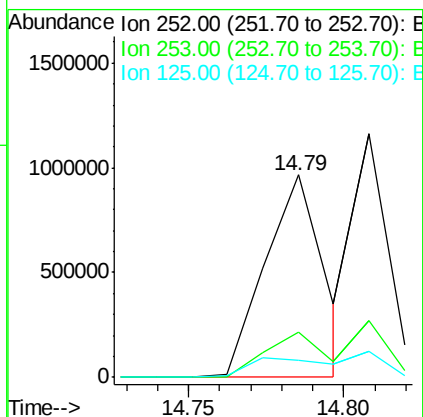
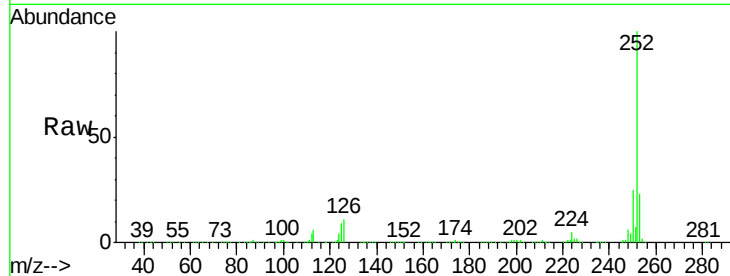
#87
Benzo(b)fluoranthene
Concen: 40.94 ng m
RT: 14.79 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Instrument :
BNA_F
ClientSampleId :
PB94644BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	8.7	8.3	12.5

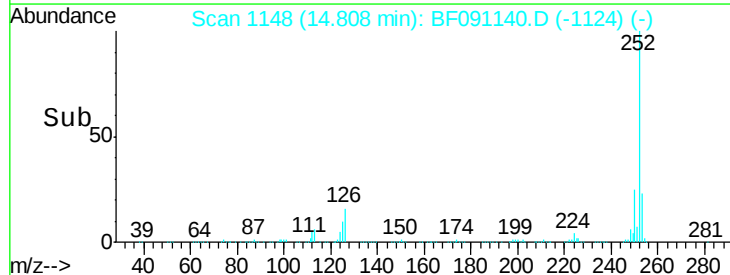
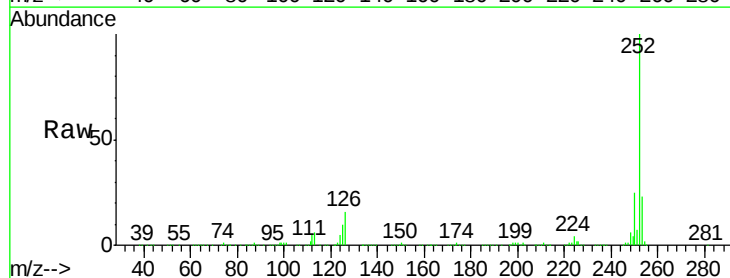
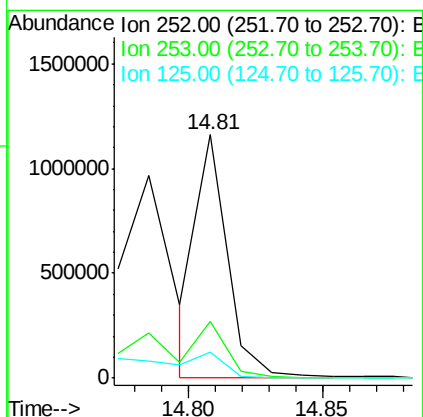
Manual Integrations
APPROVED

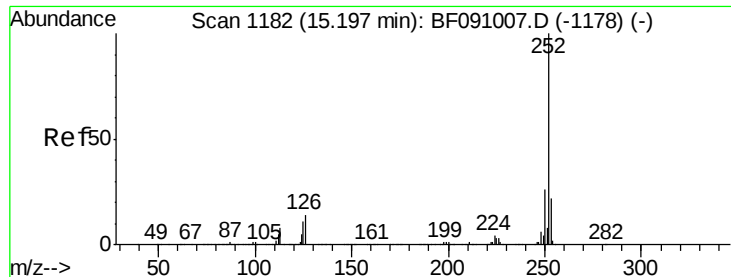
sohil
11/14/2016 6:36:59 PM



#88
Benzo(k)fluoranthene
Concen: 34.49 ng m
RT: 14.81 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	28.0
125	10.5	11.2	16.8





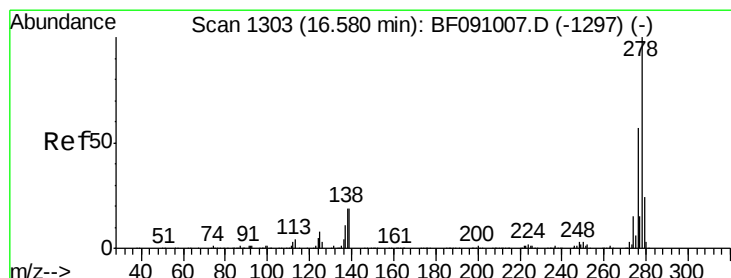
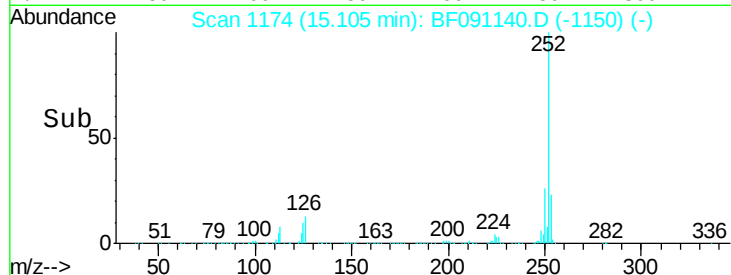
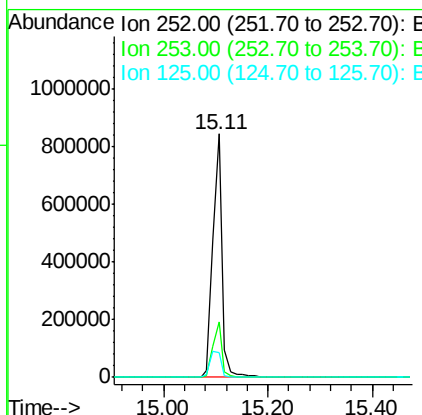
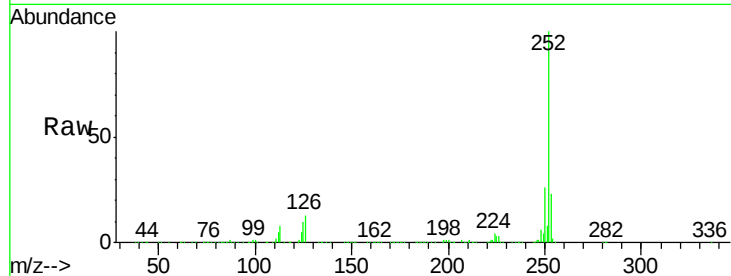
#89
Benzo(a)pyrene
Concen: 38.04 ng
RT: 15.11 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Instrument :
BNA_F
ClientSampled :
PB94644BS

Tot Ion:252 Resp: 1027807
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 10.1 8.6 13.0

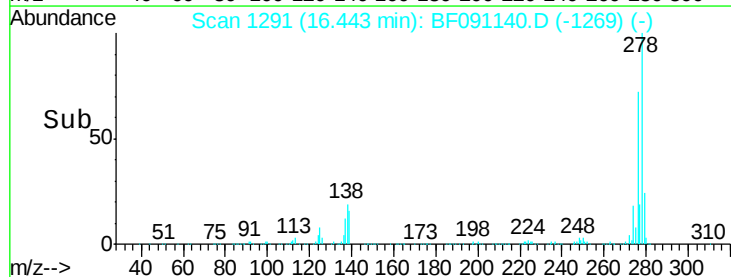
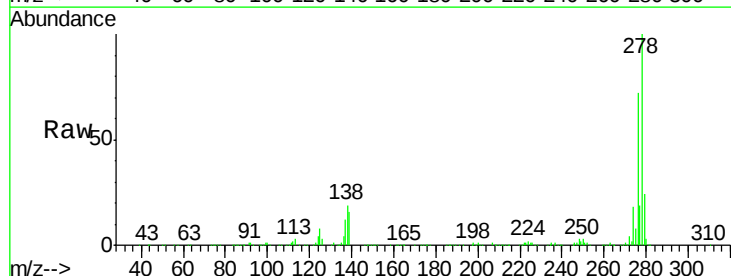
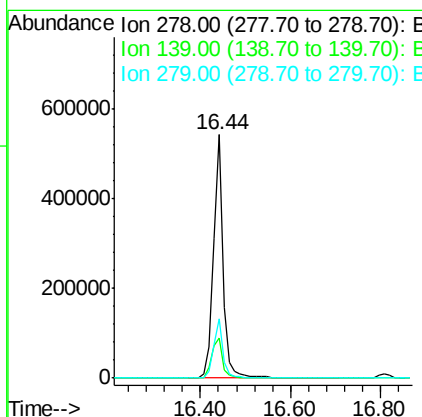
Manual Integrations
APPROVED

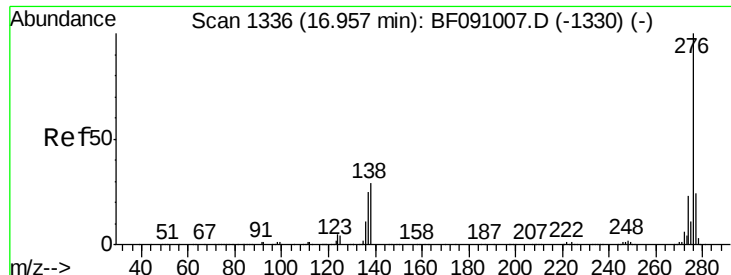
sohil
11/14/2016 6:36:59 PM



#90
Dibenzo(a,h)anthracene
Concen: 34.92 ng
RT: 16.44 min Scan# 1291
Delta R.T. -0.05 min
Lab File: BF091140.D
Acq: 11 Nov 2016 15:16

Tgt Ion:278 Resp: 815840
Ion Ratio Lower Upper
278 100
139 16.2 15.3 22.9
279 24.4 19.3 28.9





#91
 Benzo(a,h,i)perylene
 Concen: 35.18 ng
 RT: 16.81 min Scan# 1323
 Delta R.T. -0.05 min
 Lab File: BF091140.D
 Acq: 11 Nov 2016 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB94644BS

Tot Ion:	276	Resp:	743154
Ion Ratio		Lower	Upper
276	100		
277	23.6	19.2	28.8
138	26.3	23.3	34.9

Manual Integrations
 APPROVED

sohil
 11/14/2016 6:36:59 PM

