

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090509.D
 Acq On : 11 Oct 2016 18:35
 Operator : UM/SJ
 Sample : PB93889BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93889BS

Manual Integrations
 APPROVED

sohil
 10/12/2016 4:09:25 PM

Quant Time: Oct 12 11:33:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	210363	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	847665	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	436605	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	772418	20.00	ng	0.01
75) Chrysene-d12	14.13	240	797048	20.00	ng	0.00
86) Perylene-d12	15.61	264	556703	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	1443083	106.72	ng	0.01
7) Phenol-d6	6.59	99	1922125	112.64	ng	0.00
23) Nitrobenzene-d5	7.51	82	1185806	75.87	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	608213	140.53	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2212848	85.17	ng	0.00
78) Terphenyl-d14	13.08	244	2632629	80.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	200602	30.24	ng	# 85
3) Pyridine	3.45	79	584287m	31.87	ng	
4) n-Nitrosodimethylamine	3.40	42	223146	37.14	ng	# 41
6) Aniline	6.61	93	398502	18.41	ng	97
8) 2-Chlorophenol	6.74	128	541540	37.65	ng	98
9) Benzaldehyde	6.50	77	171410	15.95	ng	95
10) Phenol	6.60	94	808027	41.98	ng	94
11) bis(2-Chloroethyl)ether	6.69	93	575244	39.93	ng	90
12) 1,3-Dichlorobenzene	6.90	146	576176	37.13	ng	98
13) 1,4-Dichlorobenzene	6.97	146	550027	34.74	ng	99
14) 1,2-Dichlorobenzene	7.13	146	583156	40.53	ng	97
15) Benzyl Alcohol	7.09	79	478568	36.53	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	730563	35.38	ng	89
17) 2-Methylphenol	7.21	107	445729	38.10	ng	99
18) Hexachloroethane	7.47	117	218275	37.36	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	414850	38.12	ng	# 80
20) 3+4-Methylphenols	7.37	107	586163	39.57	ng	# 76
22) Acetophenone	7.37	105	755792	40.50	ng	# 88
24) Nitrobenzene	7.54	77	654597	39.05	ng	# 86
25) Isophorone	7.78	82	1141019	40.12	ng	98
26) 2-Nitrophenol	7.86	139	301864	39.47	ng	95
27) 2,4-Dimethylphenol	7.89	122	525097	40.39	ng	97
28) bis(2-Chloroethoxy)methane	7.98	93	672044	38.26	ng	97
29) 2,4-Dichlorophenol	8.10	162	459594	42.27	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	452873	36.26	ng	99
31) Naphthalene	8.26	128	1512041	35.80	ng	98
32) Benzoic acid	8.01	122	357595	34.85	ng	97
33) 4-Chloroaniline	8.30	127	187361	10.48	ng	95
34) Hexachlorobutadiene	8.38	225	263983	37.80	ng	98
35) Caprolactam	8.67	113	151156m	42.88	ng	
36) 4-Chloro-3-methylphenol	8.79	107	503970	39.69	ng	99
37) 2-Methylnaphthalene	8.95	142	1037745	36.61	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	495738	40.56	ng	99
40) Hexachlorocyclopentadiene	9.11	237	626807	103.31	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090509.D
 Acq On : 11 Oct 2016 18:35
 Operator : UM/SJ
 Sample : PB93889BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB93889BS

Manual Integrations
 APPROVED

sohil
 10/12/2016 4:09:25 PM

Quant Time: Oct 12 11:33:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	316545	38.41	nq	96
43) 2,4,5-Trichlorophenol	9.27	196	330876	40.57	nq	94
45) 1,1'-Biphenyl	9.42	154	1326951	39.79	nq	94
46) 2-Chloronaphthalene	9.45	162	1046887	42.19	nq	95
47) 2-Nitroaniline	9.54	65	361060	40.80	nq	94
48) Acenaphthylene	9.86	152	1473553	36.81	nq	98
49) Dimethylphthalate	9.72	163	1172749	39.94	nq	99
50) 2,6-Dinitrotoluene	9.78	165	251298	38.76	nq	90
51) Acenaphthene	10.03	154	1041103	38.81	nq	98
52) 3-Nitroaniline	9.95	138	144682	17.99	nq	# 82
53) 2,4-Dinitrophenol	10.05	184	280878	78.07	nq	# 84
54) Dibenzofuran	10.21	168	1406582	39.40	nq	95
55) 4-Nitrophenol	10.11	139	473776	75.79	nq	94
56) 2,4-Dinitrotoluene	10.19	165	383344	44.70	nq	100
57) Fluorene	10.54	166	1109543	38.07	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	293874	43.20	nq	96
59) Diethylphthalate	10.42	149	1180990	39.55	nq	# 92
60) 4-Chlorophenyl-phenylether	10.54	204	593329	44.13	nq	90
61) 4-Nitroaniline	10.57	138	309269	37.68	nq	92
62) Azobenzene	10.70	77	1424921	43.69	nq	86
64) 4,6-Dinitro-2-methylphenol	10.59	198	185222	35.90	nq	# 77
65) n-Nitrosodiphenylamine	10.66	169	983233	39.14	nq	98
66) 4-Bromophenyl-phenylether	11.03	248	358469	41.88	nq	# 85
67) Hexachlorobenzene	11.10	284	367537	38.87	nq	# 84
68) Atrazine	11.18	200	284264	36.57	nq	98
69) Pentachlorophenol	11.30	266	469923	83.53	nq	98
70) Phenanthrene	11.51	178	1767356	41.52	nq	98
71) Anthracene	11.56	178	1538835	35.68	nq	98
72) Carbazole	11.72	167	1701320	41.77	nq	96
73) Di-n-butylphthalate	12.05	149	2090089	42.61	nq	# 96
74) Fluoranthene	12.70	202	1903813	43.81	nq	93
76) Benzidine	12.82	184	451135	18.01	nq	99
77) Pyrene	12.93	202	1848956	37.06	nq	99
79) Butylbenzylphthalate	13.55	149	892137	38.20	nq	90
80) Benzo(a)anthracene	14.12	228	1718151	36.17	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	264252	15.46	nq	# 99
82) Chrysene	14.16	228	1441459	32.60	nq	100
83) Bis(2-ethylhexyl)phthalate	14.11	149	1261723	37.02	nq	# 100
84) Di-n-octyl phthalate	14.73	149	2092239	39.64	nq	# 87
85) Indeno(1,2,3-cd)pyrene	17.08	276	1126340	30.59	nq	96
87) Benzo(b)fluoranthene	15.17	252	1648494	44.88	nq	# 95
88) Benzo(k)fluoranthene	15.21	252	1156309m	35.34	nq	
89) Benzo(a)pyrene	15.55	252	1313235	40.71	nq	99
90) Dibenzo(a,h)anthracene	17.10	278	964619	35.21	nq	# 96
91) Benzo(g,h,i)perylene	17.53	276	878836	34.68	nq	96

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

```

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090509.D
Acq On    : 11 Oct 2016  18:35
Operator  : UM/SJ
Sample    : PB93889BS
Misc      :
ALS Vial  : 7      Sample Multiplier: 1

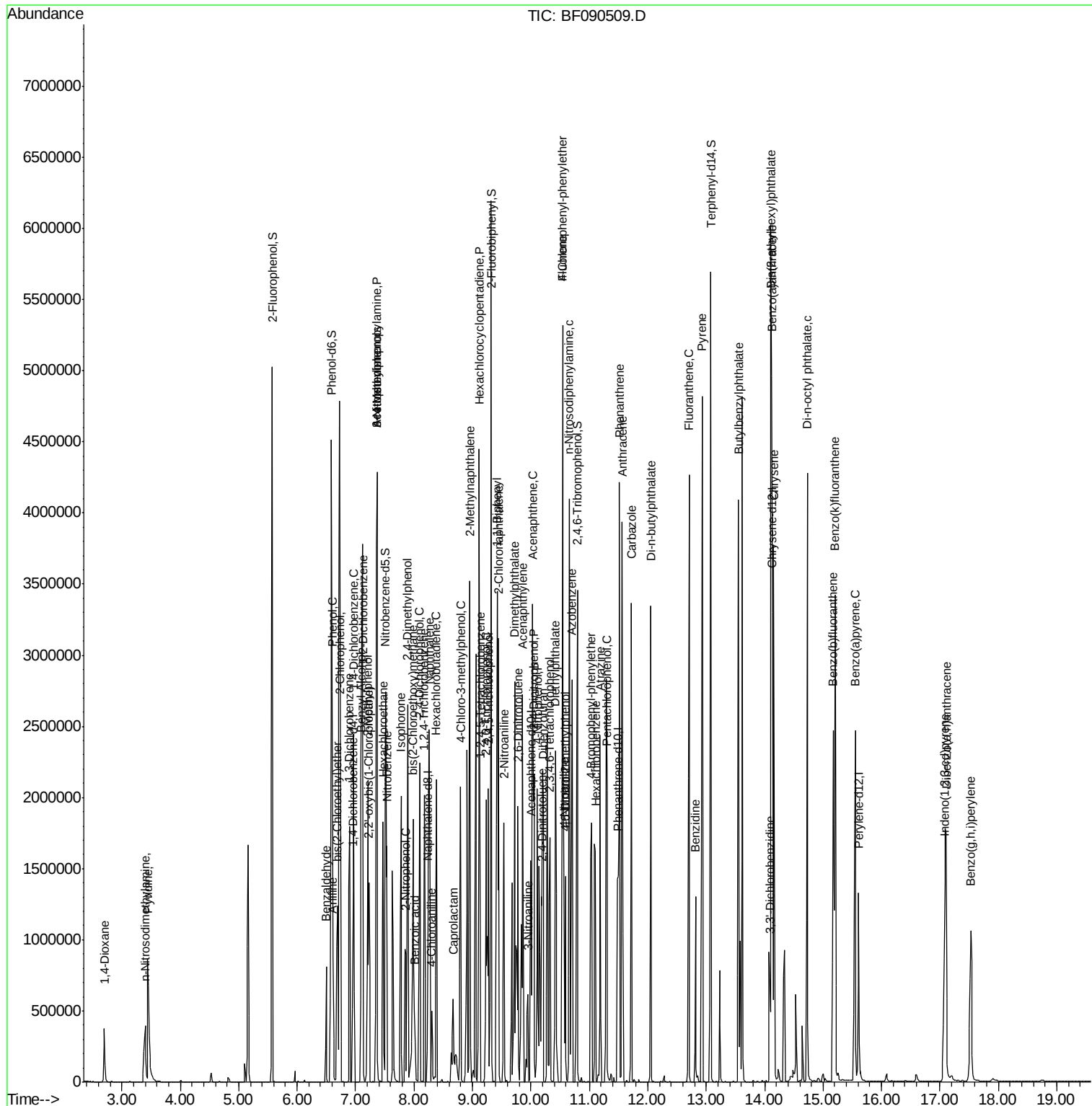
```

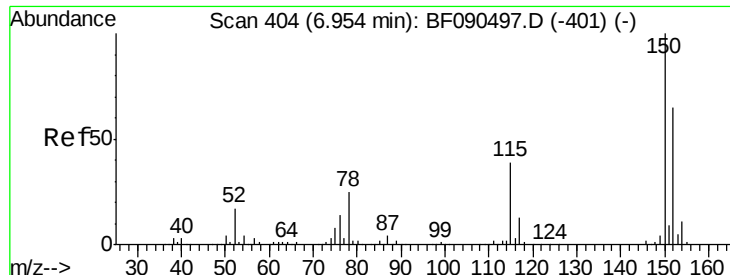
Instrument :
BNA_F
ClientSampleId :
PB93889BS

Manual Integrations APPROVED

sohil
10/12/2016 4:09:25 PM

Quant Time: Oct 12 11:33:36 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 16:14:43 2016
Response via : Initial Calibration





#1

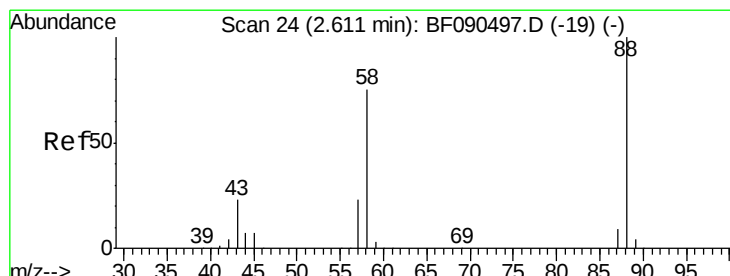
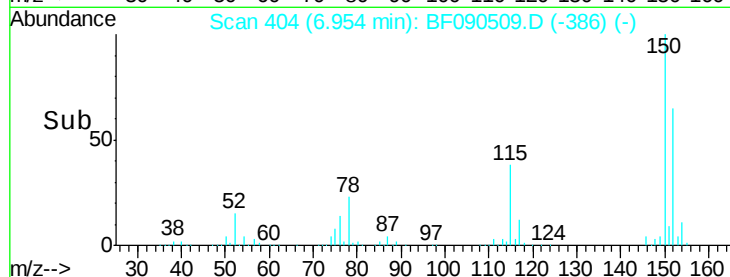
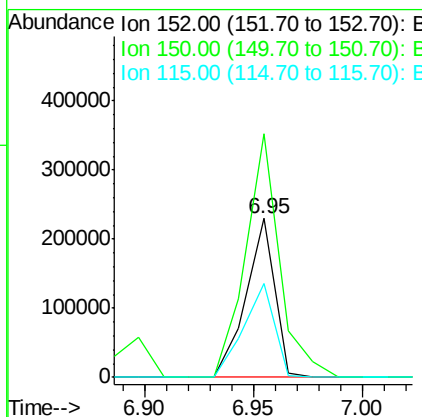
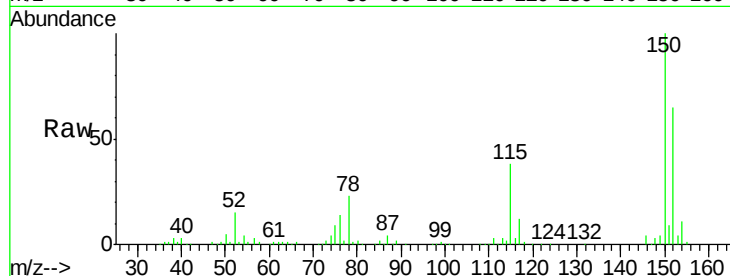
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB93889BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.6	186.8
115	58.8	46.2	69.4

Manual Integrations
APPROVED

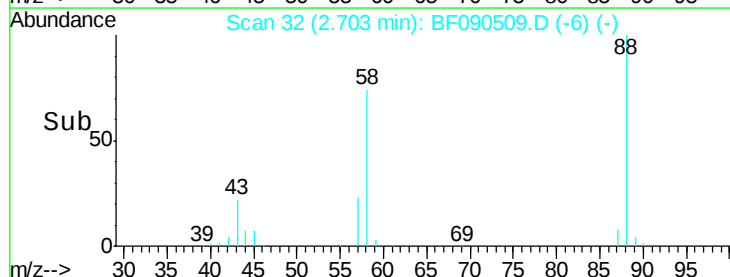
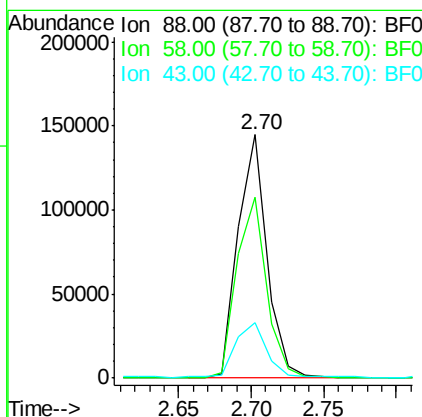
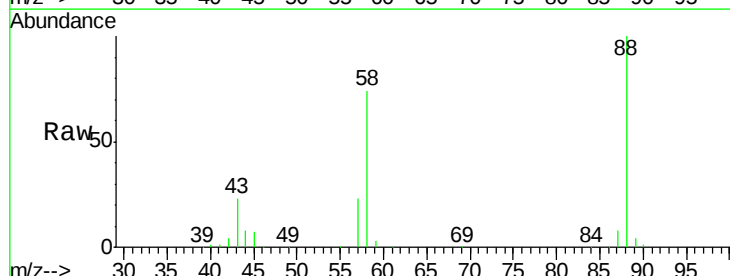
sohil
10/12/2016 4:09:25 PM

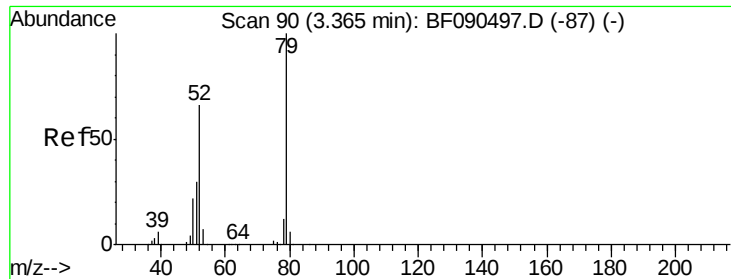


#2

1,4-Dioxane
Concen: 30.24 ng
RT: 2.70 min Scan# 32
Delta R.T. 0.09 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.0	71.2	106.8
43	24.3	29.8	44.6





#3

Pvridine

Concen: 31.87 ng/ml

RT: 3.45 min Scan# 97

Delta R.T. 0.08 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

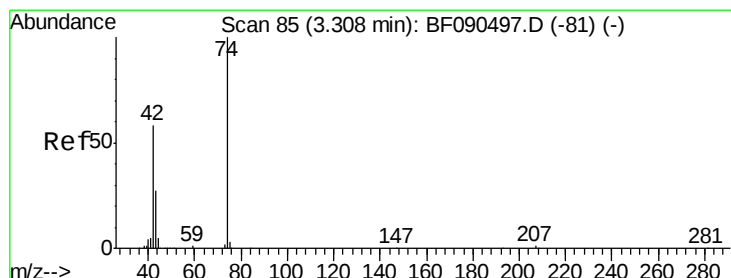
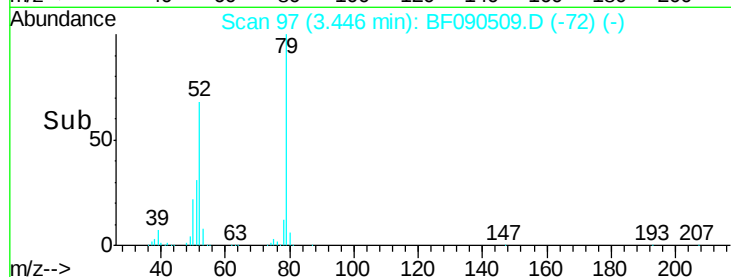
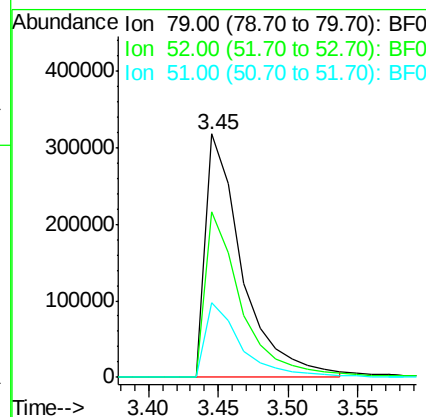
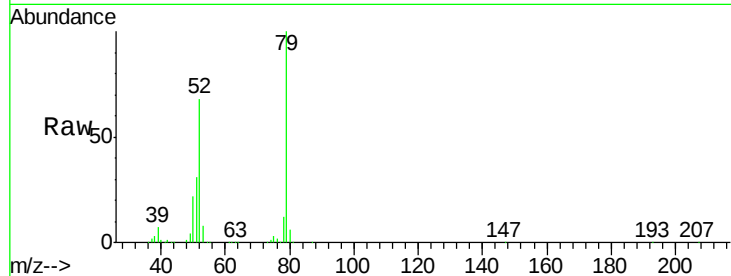
ClientSampleId :

PB93889BS

Tot Ion:	79	Resp:	584287
Ion Ratio	Lower	Upper	
79	100		
52	67.7	71.3	106.9#
51	30.7	34.5	51.7#

Manual Integrations
APPROVED

sohil
10/12/2016 4:09:25 PM



#4

n-Nitrosodimethylamine

Concen: 37.14 ng/ml

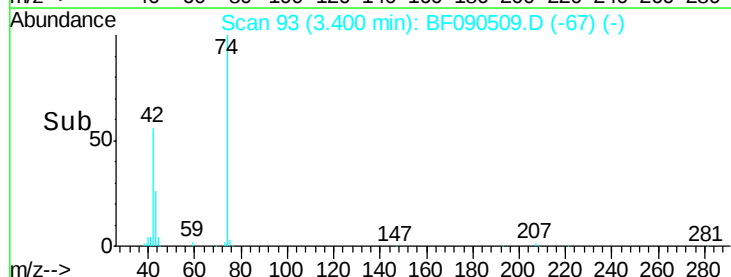
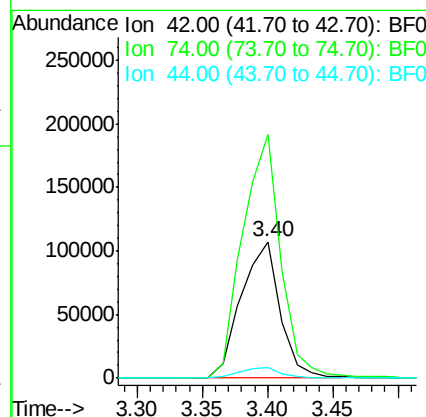
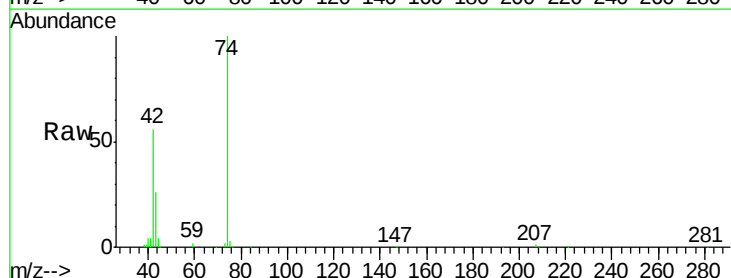
RT: 3.40 min Scan# 93

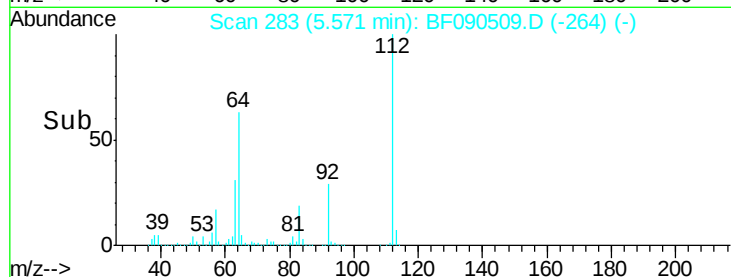
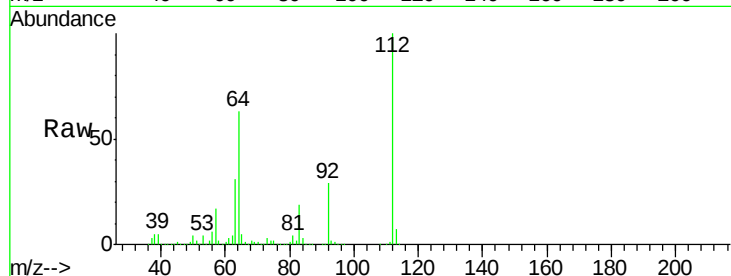
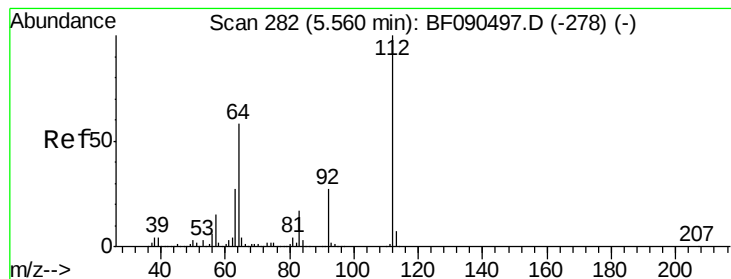
Delta R.T. 0.09 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Tgt Ion:	42	Resp:	223146
Ion Ratio	Lower	Upper	
42	100		
74	178.4	88.9	133.3#
44	7.7	6.5	9.7





#5

2-Fluorophenol

Concen: 106.72 ng

RT: 5.57 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Tot Ion:	112	Resp:	1443083
Ion	Ratio	Lower	Upper
112	100		
64	62.8	57.9	86.9
63	30.9	29.6	44.4

Instrument :

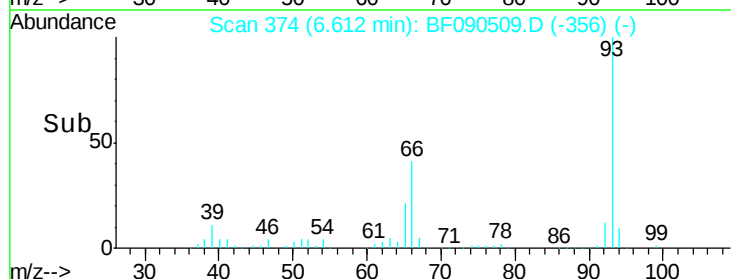
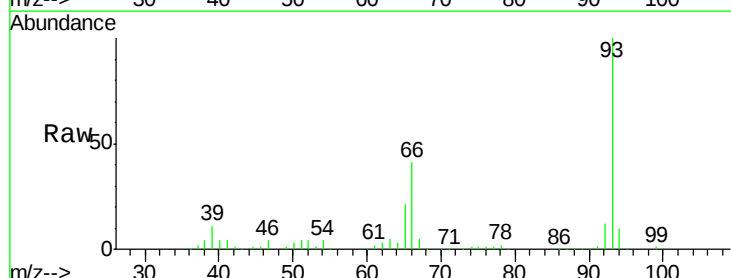
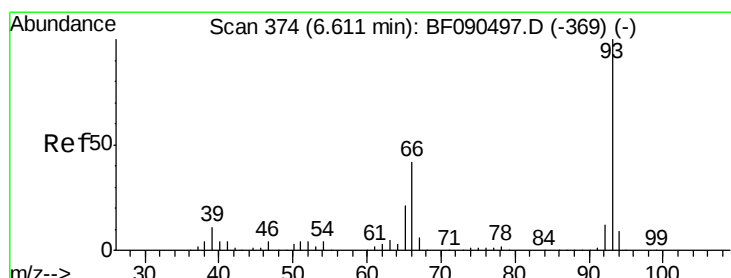
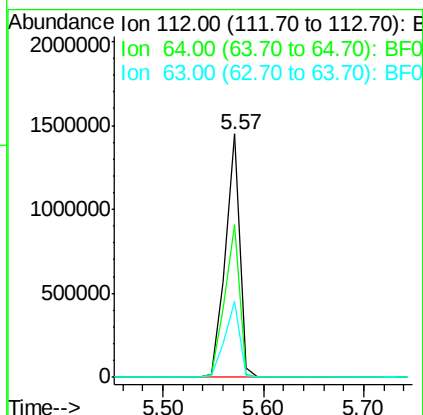
BNA_F

ClientSampleId :

PB93889BS

Manual Integrations
APPROVED

sohil
10/12/2016 4:09:25 PM



#6

Aniline

Concen: 18.41 ng

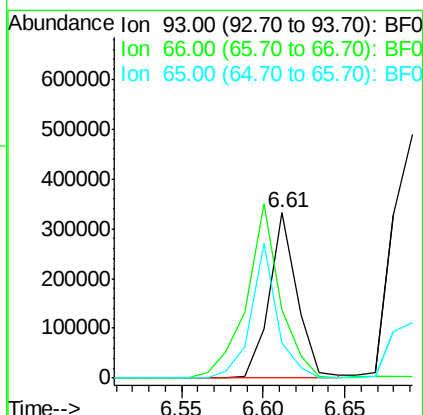
RT: 6.61 min Scan# 374

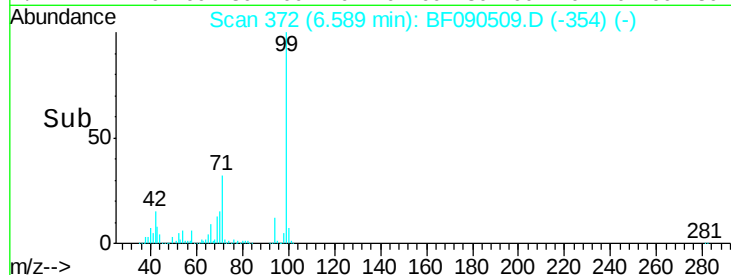
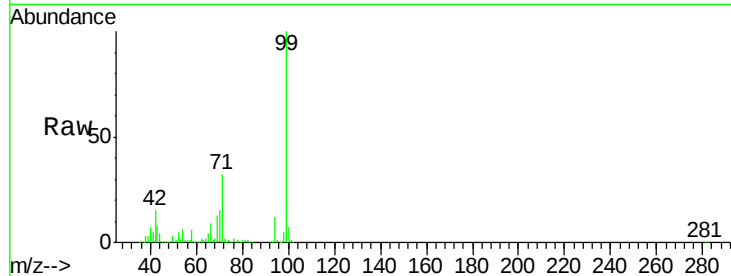
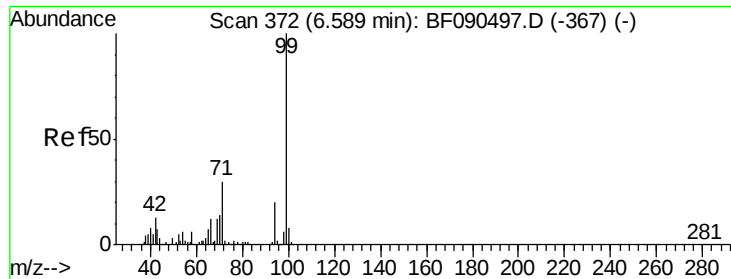
Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Tgt Ion:	93	Resp:	398502
Ion	Ratio	Lower	Upper
93	100		
66	41.5	34.5	51.7
65	21.2	18.2	27.2





#7

Phenol-d6

Concen: 112.64 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Tot Ion:	99	Resp:	1922125
Ion	Ratio	Lower	Upper
99	100		
42	14.7	20.0	30.0#
71	31.8	27.9	41.9

Instrument :

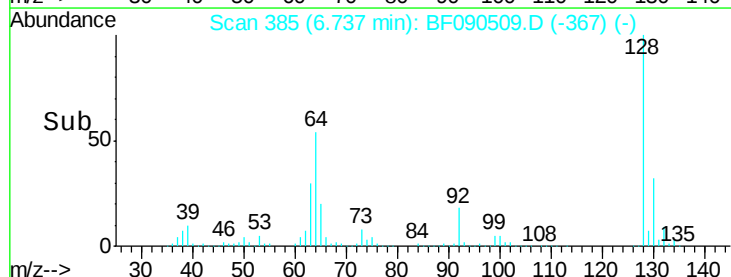
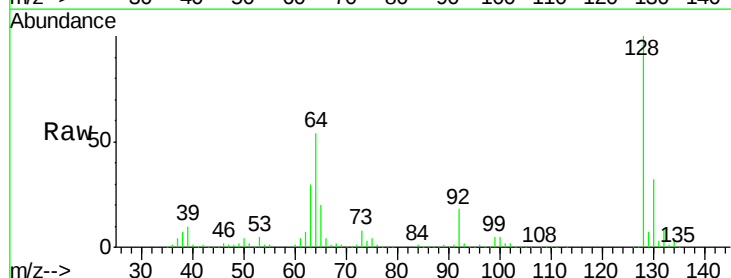
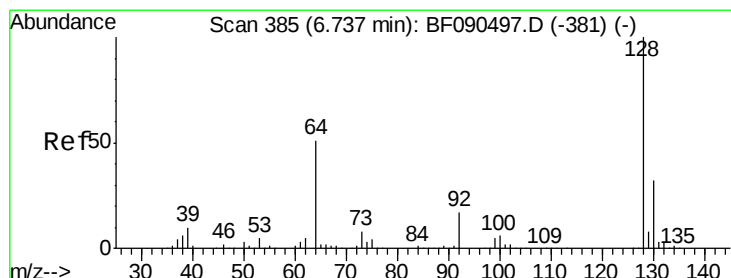
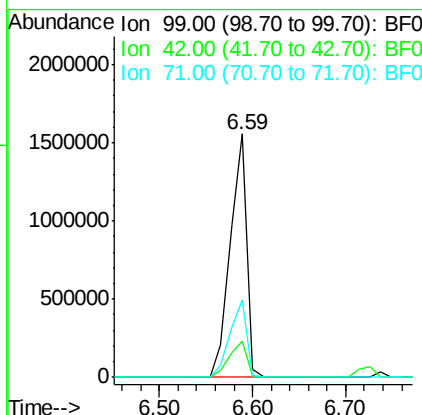
BNA_F

ClientSampleId :

PB93889BS

Manual Integrations
APPROVED

sohil
10/12/2016 4:09:25 PM



#8

2-Chlorophenol

Concen: 37.65 ng

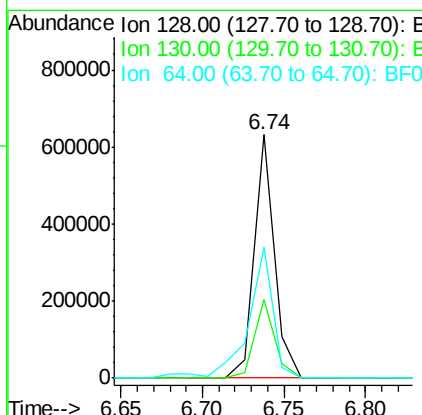
RT: 6.74 min Scan# 385

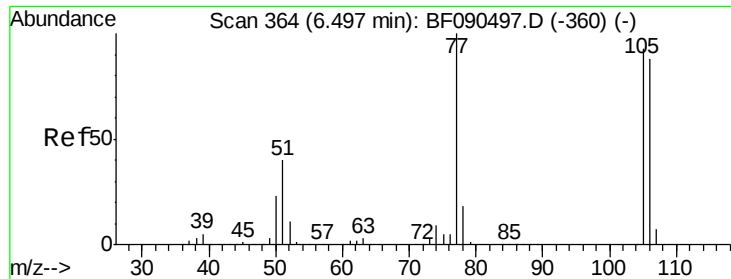
Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Tgt Ion:	128	Resp:	541540
Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.3	53.3
64	53.9	36.0	76.0





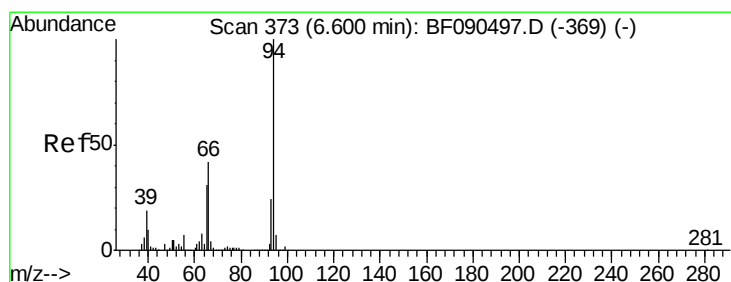
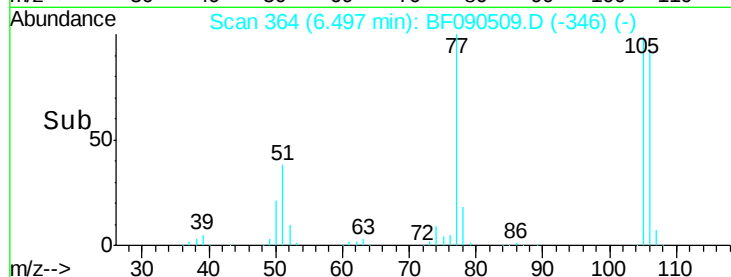
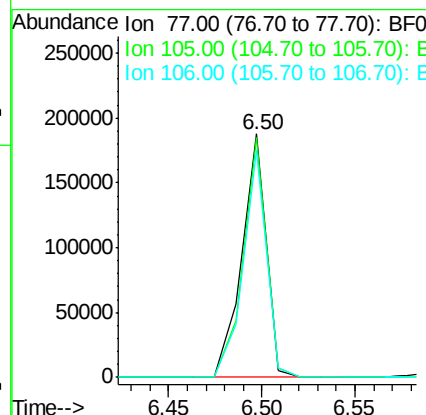
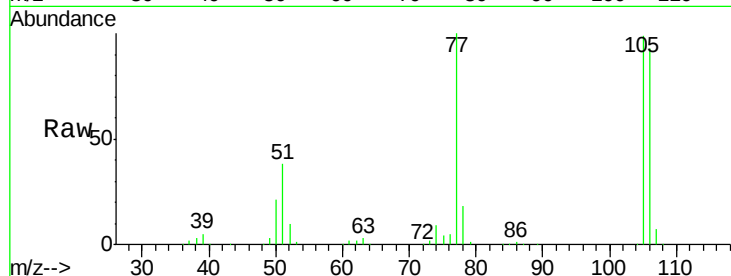
#9
Benzaldehyde
Concen: 15.95 ng
RT: 6.50 min Scan# 364
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB93889BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	98.5	73.1	113.1		
106	93.4	70.2	110.2		

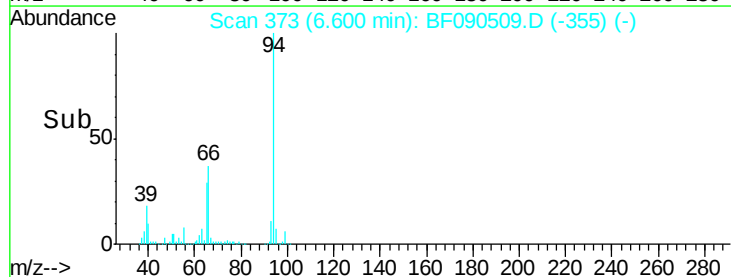
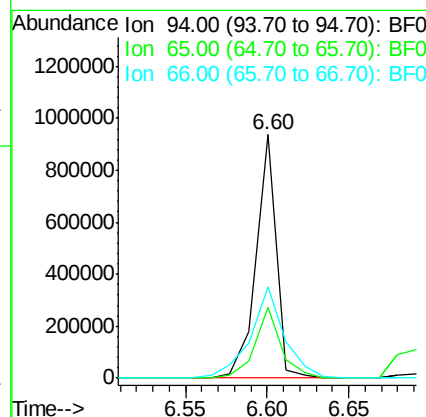
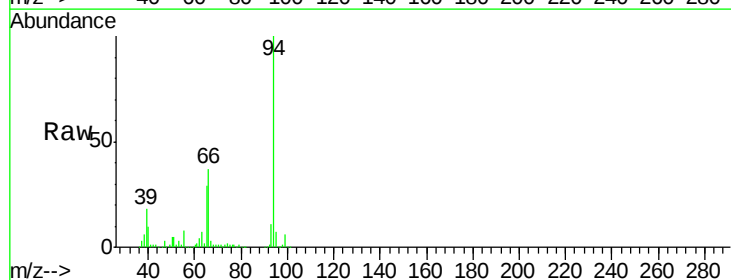
Manual Integrations
APPROVED

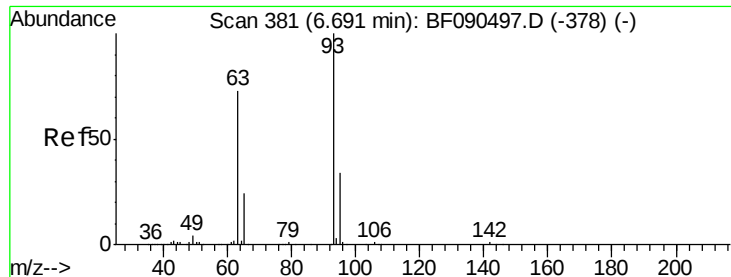
sohil
10/12/2016 4:09:25 PM



#10
Phenol
Concen: 41.98 ng
RT: 6.60 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	28.9	13.3	53.3		
66	37.3	20.4	60.4		





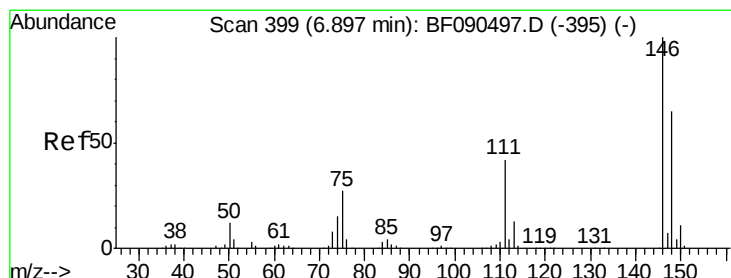
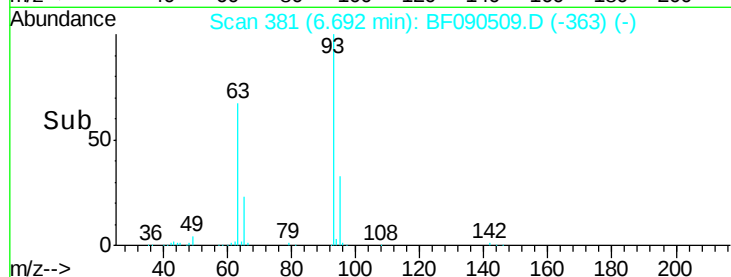
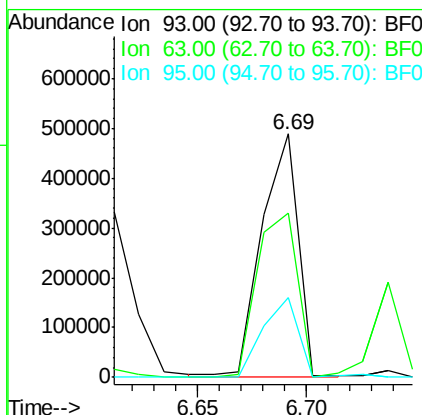
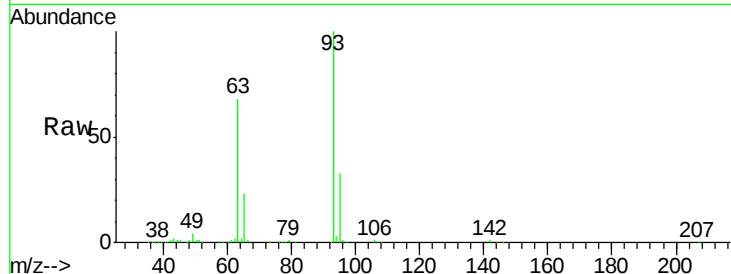
#11
bis(2-Chloroethyl)ether
Concen: 39.93 ng
RT: 6.69 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB93889BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	67.7	59.7	99.7
95	33.0	14.0	54.0

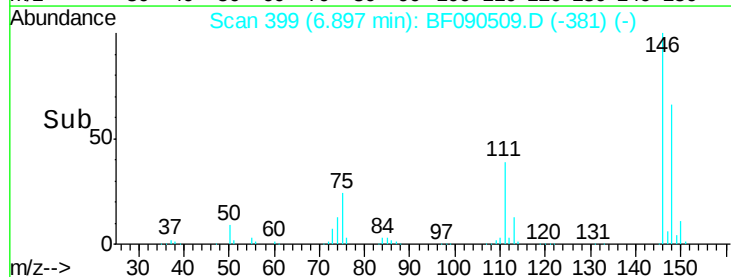
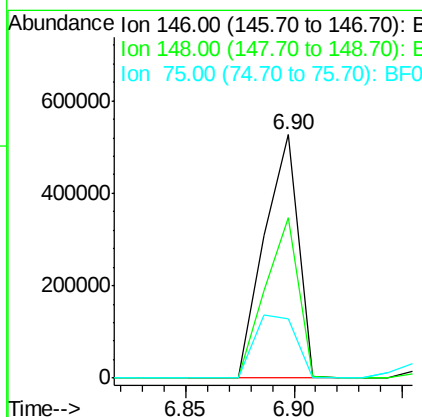
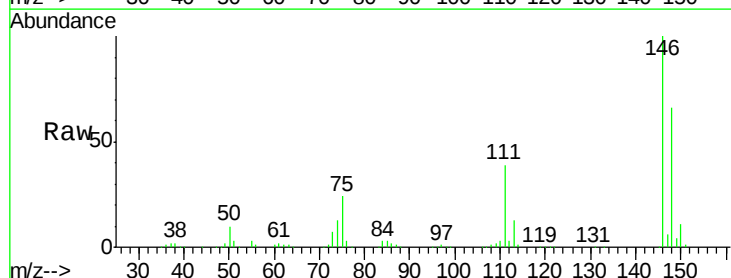
Manual Integrations
APPROVED

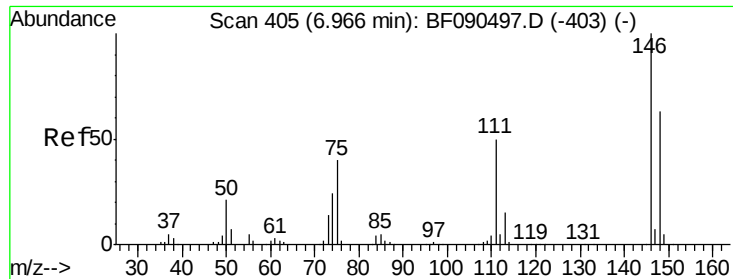
sohil
10/12/2016 4:09:25 PM



#12
1,3-Dichlorobenzene
Concen: 37.13 ng
RT: 6.90 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.2	78.4
75	24.3	21.4	32.2





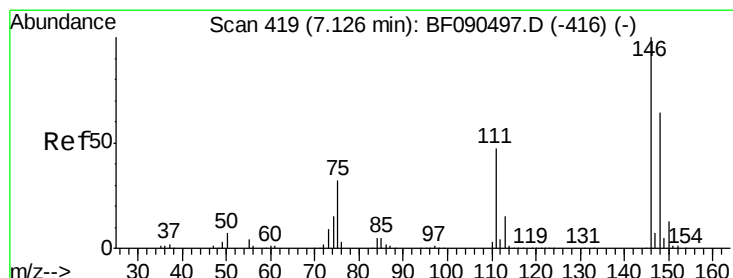
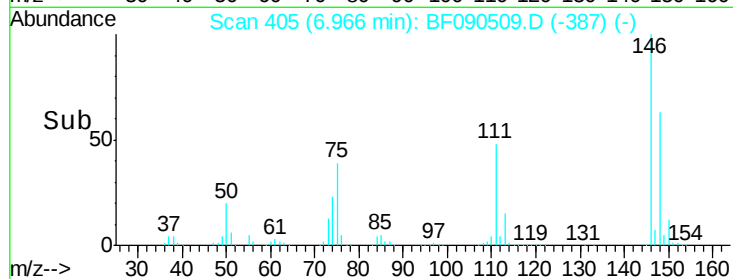
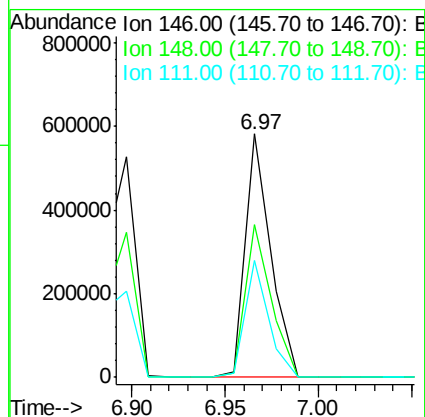
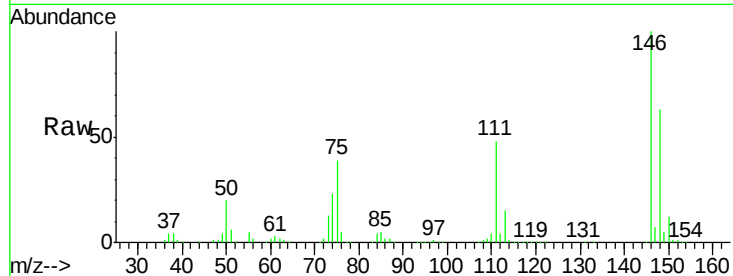
#13
1,4-Dichlorobenzene
Concen: 34.74 ng
RT: 6.97 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Instrument :
BNA_F
ClientSampleID :
PB93889BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.1	76.7
111	48.0	37.8	56.6

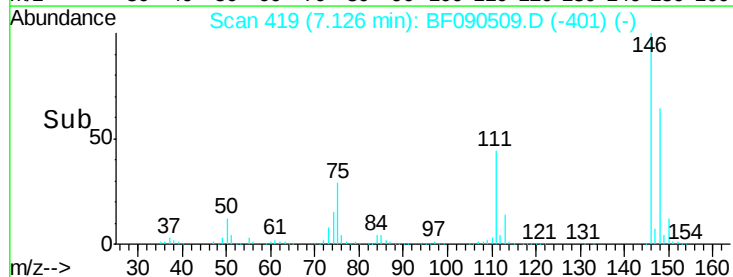
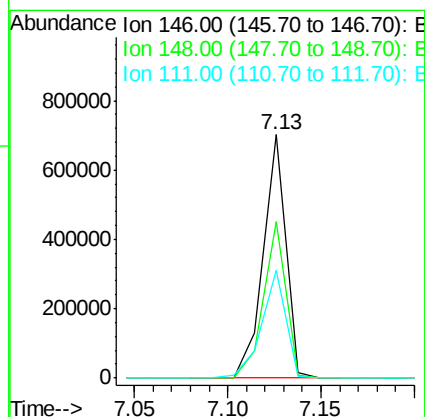
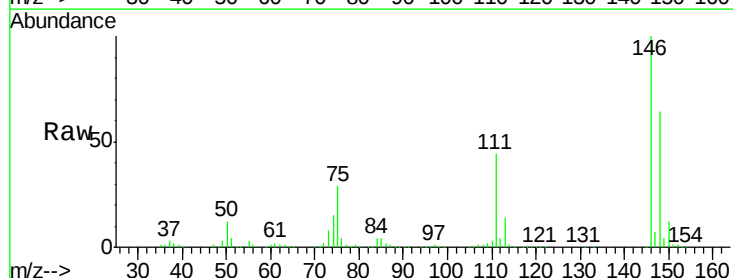
Manual Integrations
APPROVED

sohil
10/12/2016 4:09:25 PM



#14
1,2-Dichlorobenzene
Concen: 40.53 ng
RT: 7.13 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.3	78.5
111	44.1	38.2	57.4





#15

Benzyl Alcohol

Concen: 36.53 ng

RT: 7.09 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

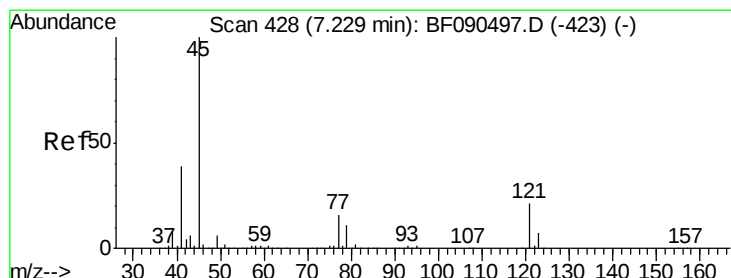
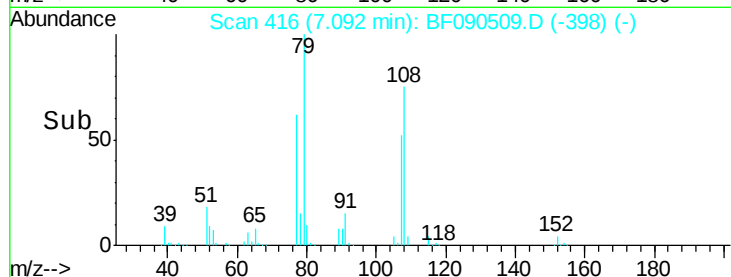
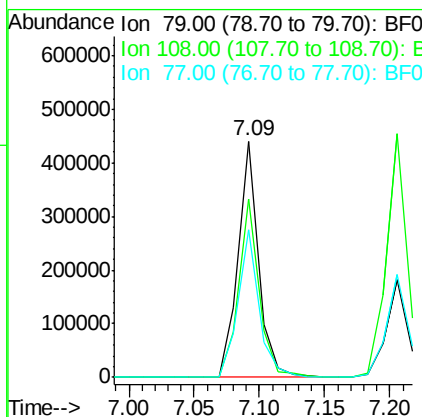
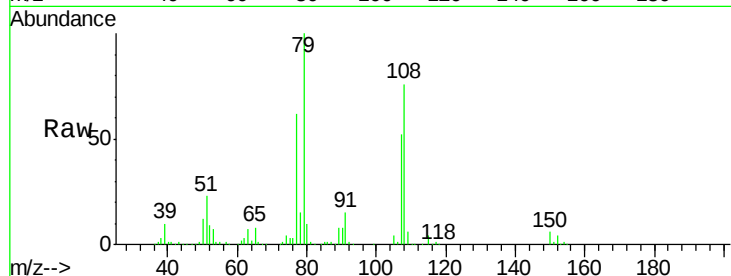
ClientSampleId :

PB93889BS

Tot Ion:	79	Resp:	478568
Ion Ratio	Lower	Upper	
79	100		
108	75.7	60.9	91.3
77	62.4	51.5	77.3

Manual Integrations
APPROVED

sohil
10/12/2016 4:09:25 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.38 ng

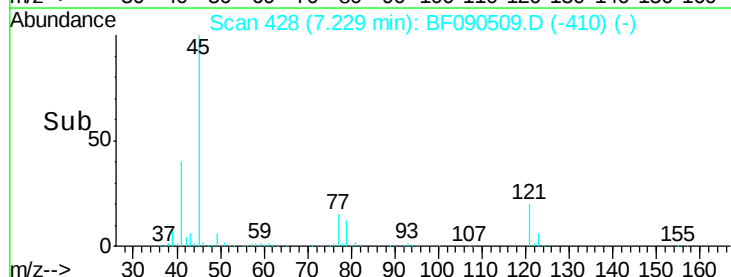
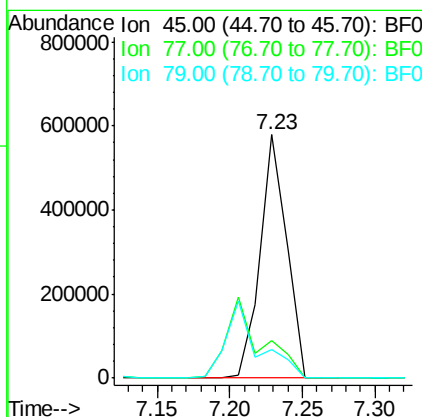
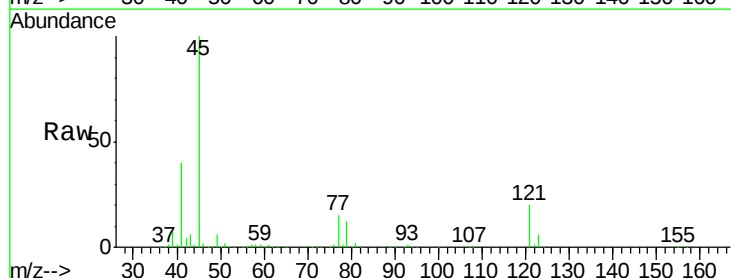
RT: 7.23 min Scan# 428

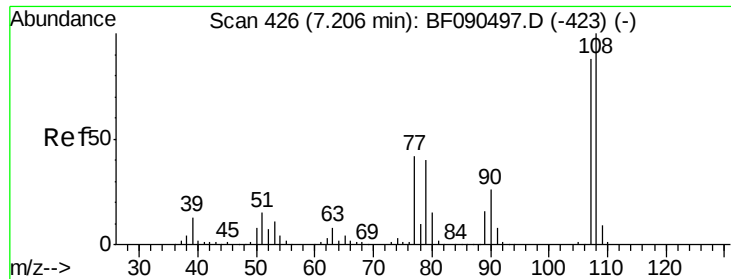
Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Tgt Ion:	45	Resp:	730563
Ion Ratio	Lower	Upper	
45	100		
77	15.4	0.0	30.8
79	11.8	0.0	28.2





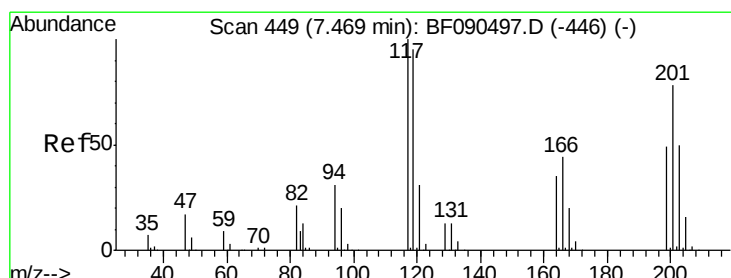
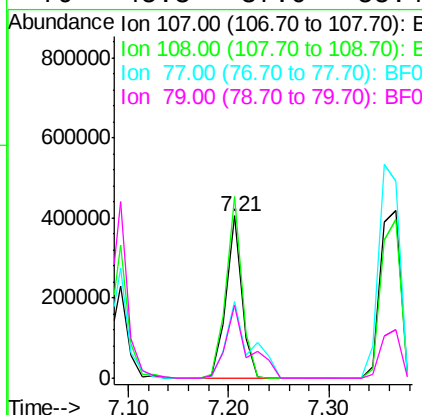
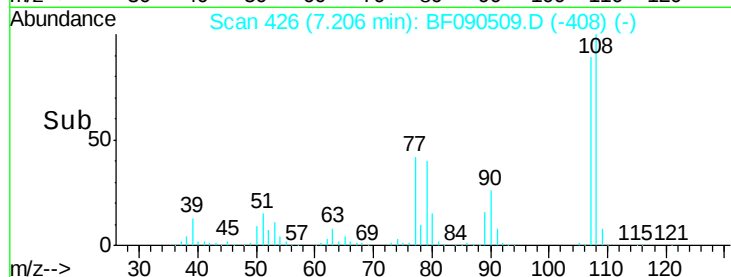
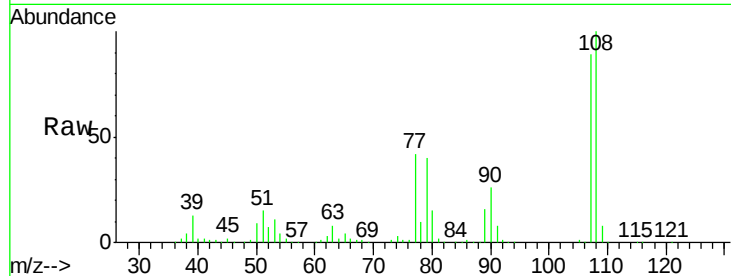
#17
2-Methylphenol
Concen: 38.10 ng
RT: 7.21 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB93889BS

Tot Ion	107	Resp	445729
Ion Ratio	Lower	Upper	
107	100		
108	112.2	90.9	136.3
77	47.2	38.2	57.4
79	45.3	37.0	55.4

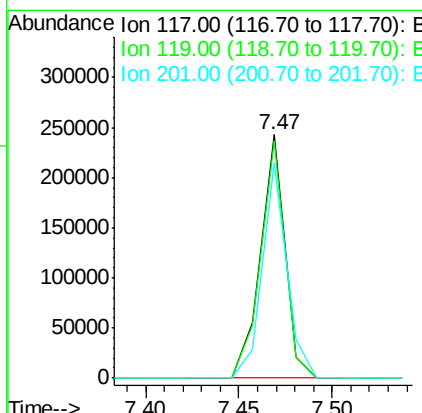
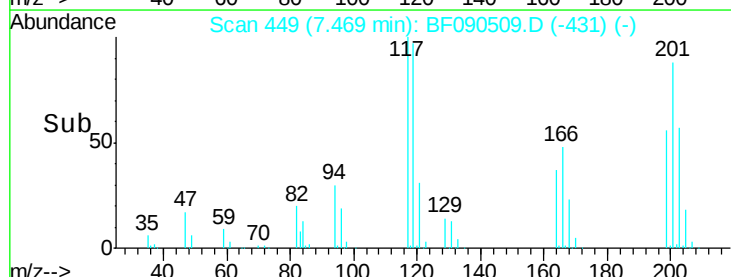
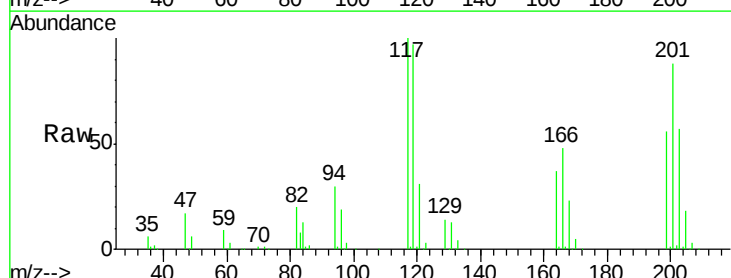
Manual Integrations
APPROVED

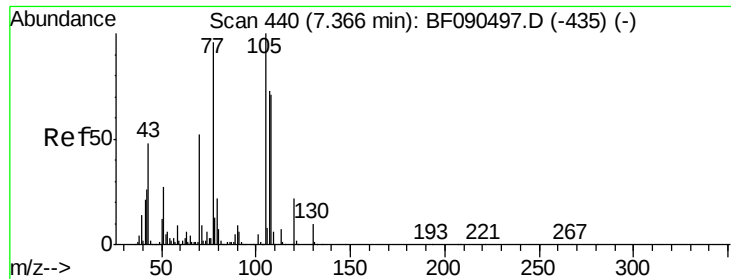
sohil
10/12/2016 4:09:25 PM



#18
Hexachloroethane
Concen: 37.36 ng
RT: 7.47 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion	117	Resp	218275
Ion Ratio	Lower	Upper	
117	100		
119	97.2	75.9	113.9
201	88.4	66.5	99.7





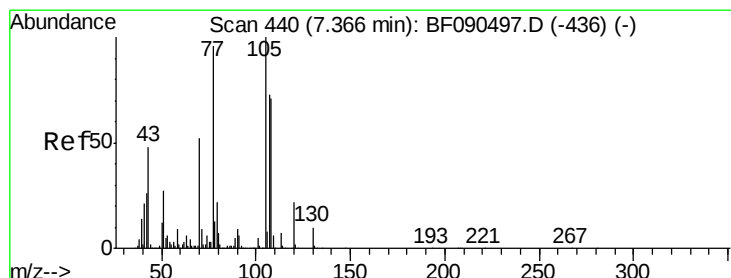
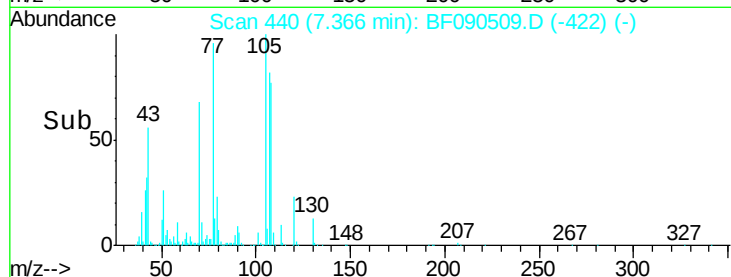
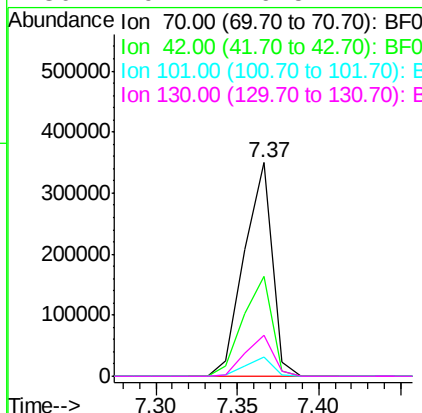
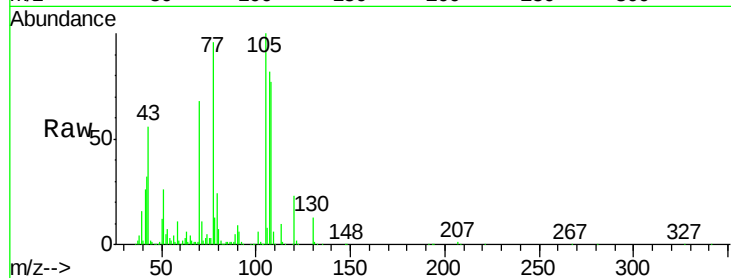
#19
n-Nitroso-di-n-propylamine
Concen: 38.12 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB93889BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.8	55.4	83.2#
101	8.7	7.6	11.4
130	19.4	16.5	24.7

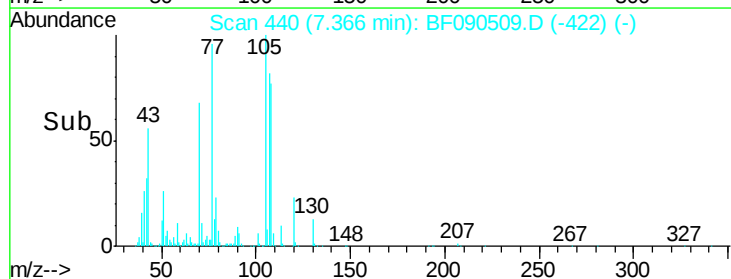
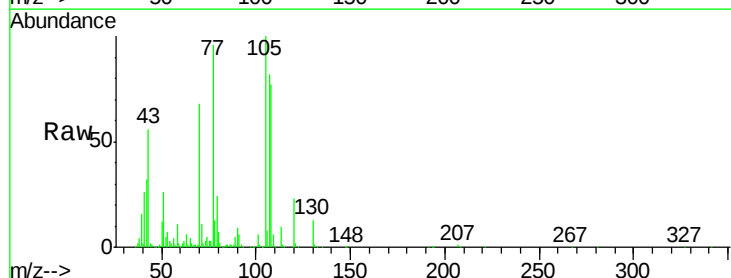
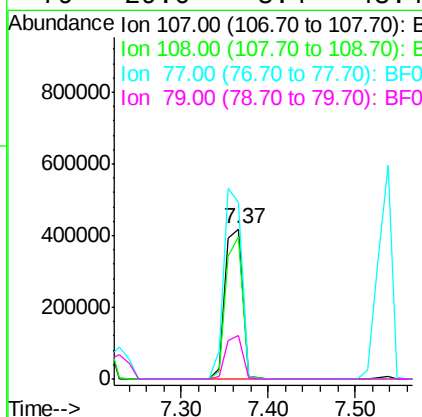
Manual Integrations
APPROVED

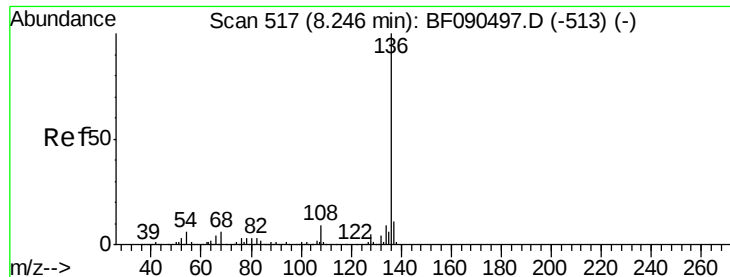
sohil
10/12/2016 4:09:25 PM



#20
3+4-Methylphenols
Concen: 39.57 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.5	66.7	106.7
77	117.3	53.7	93.7#
79	29.0	8.4	48.4





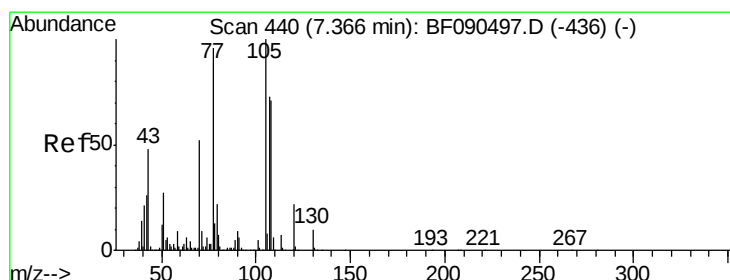
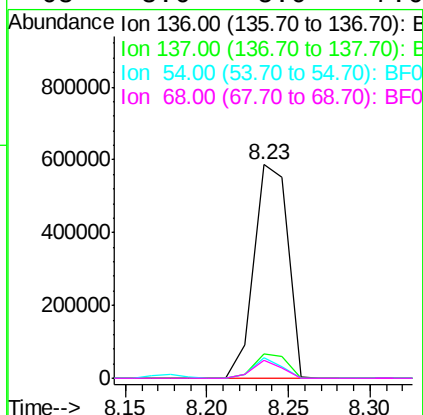
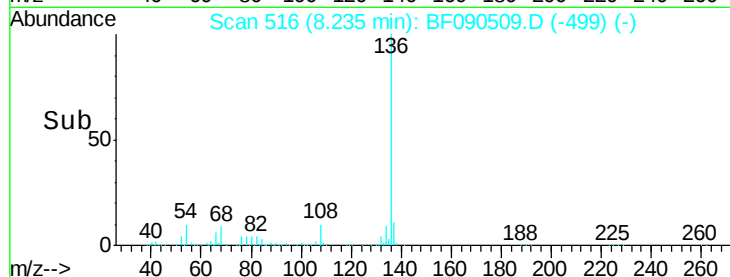
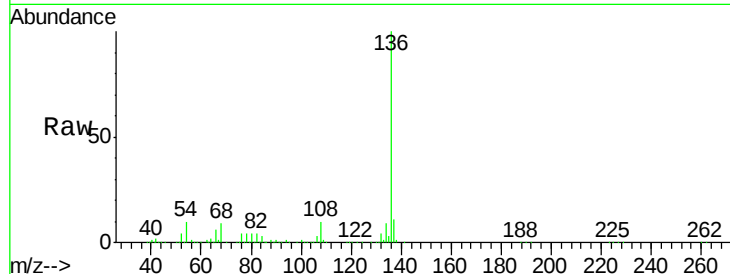
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB93889BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		847665		
137	11.3		9.0	13.6	
54	9.7		6.6	10.0	
68	8.6		5.0	7.6#	

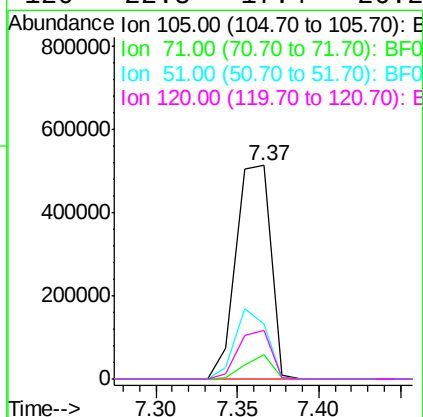
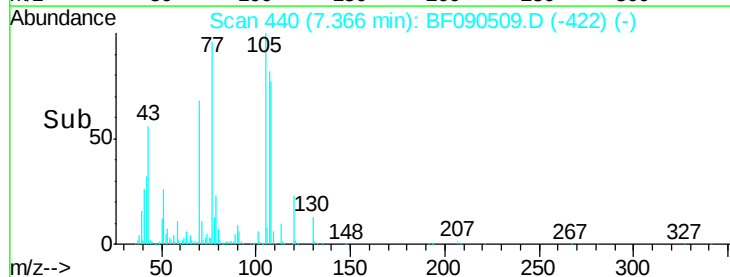
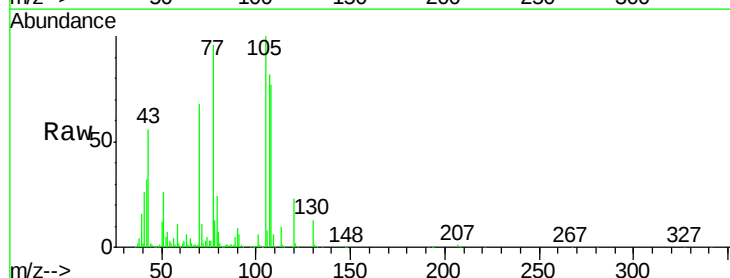
Manual Integrations
APPROVED

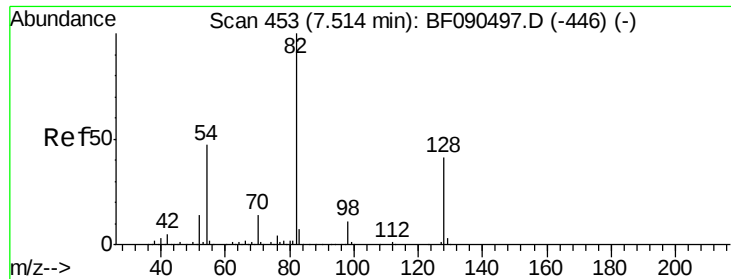
sohil
10/12/2016 4:09:25 PM



#22
Acetophenone
Concen: 40.50 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		755792		
71	11.5		3.8	5.6#	
51	25.8		28.2	42.4#	
120	22.8		17.4	26.2	





#23

Nitrobenzene-d5

Concen: 75.87 ng

RT: 7.51 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB93889BS

Tot Ion: 82 Resp: 1185806

Ion Ratio Lower Upper

82 100

128 42.1 40.0 60.0

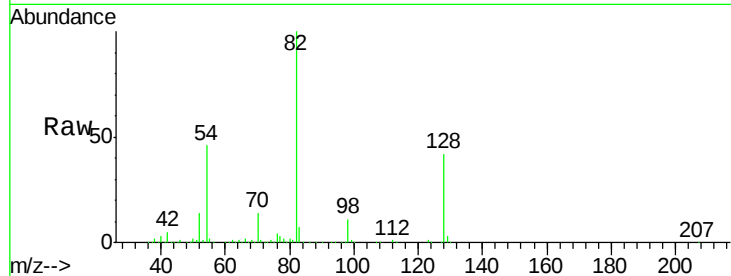
54 45.9 42.6 64.0

Manual Integrations

APPROVED

sohil

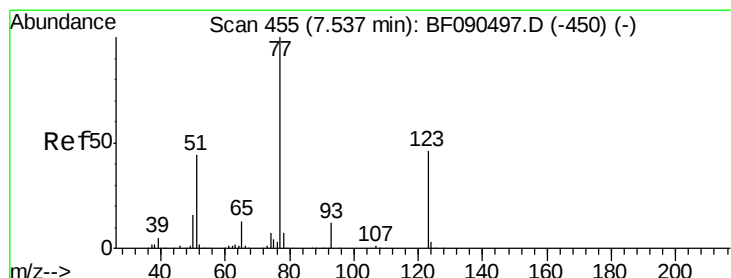
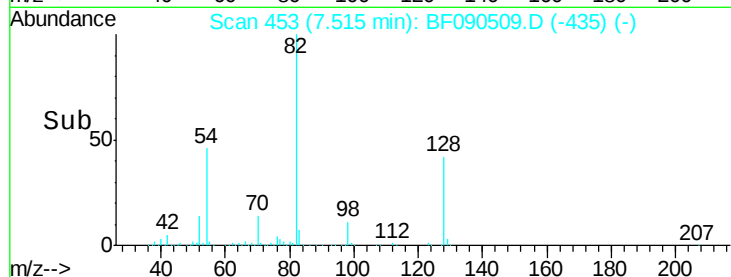
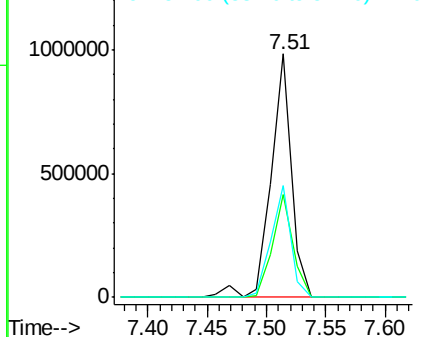
10/12/2016 4:09:25 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.05 ng

RT: 7.54 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

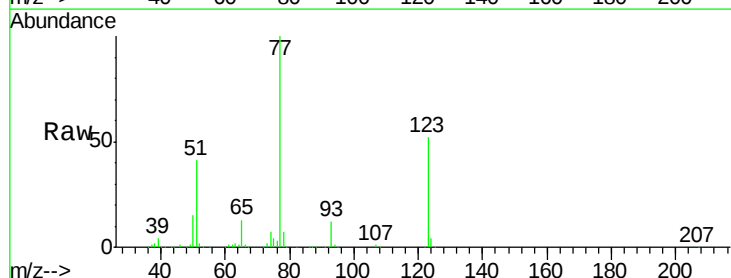
Tgt Ion: 77 Resp: 654597

Ion Ratio Lower Upper

77 100

123 51.5 33.0 49.4#

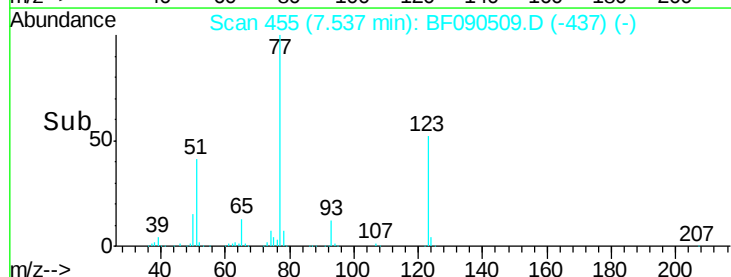
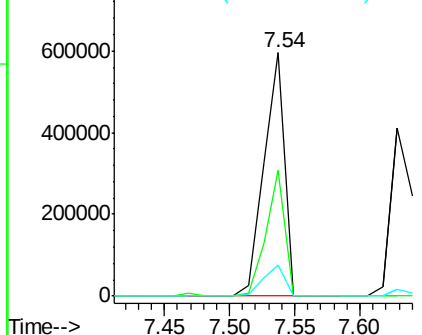
65 12.7 12.0 18.0

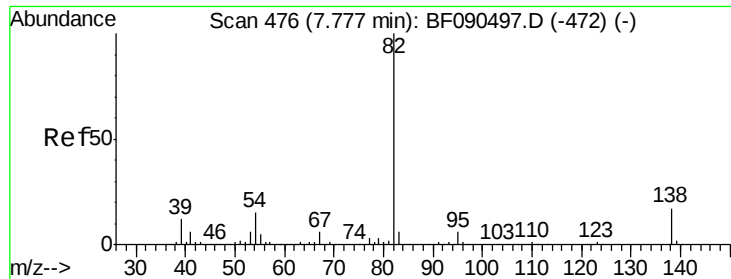


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.12 ng

RT: 7.78 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB93889BS

Tot Ion: 82 Resp: 1141019

Ion Ratio Lower Upper

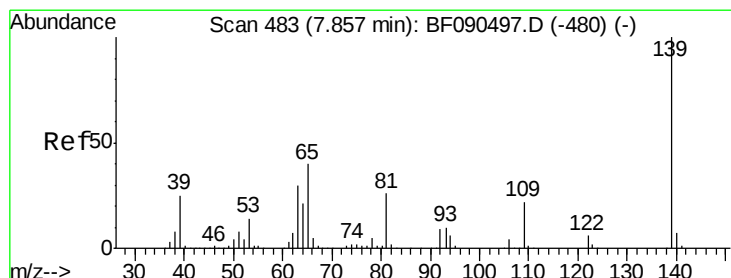
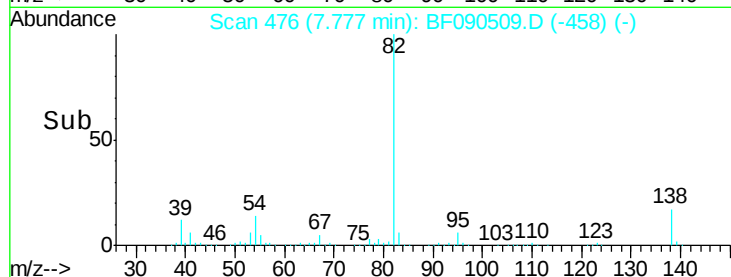
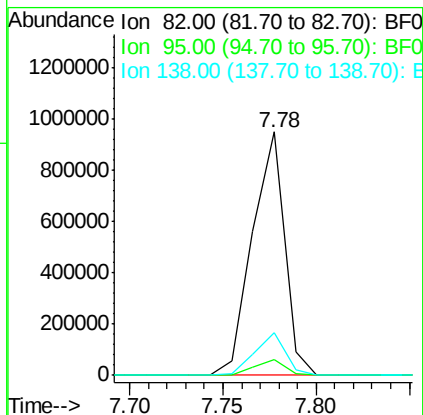
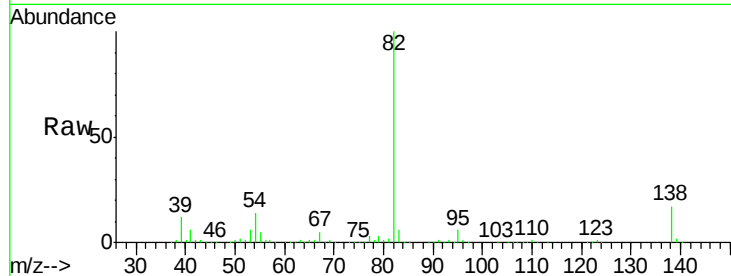
82 100

95 6.4 5.2 7.8

138 17.4 13.0 19.4

Manual Integrations
APPROVED

sohil
10/12/2016 4:09:25 PM



#26

2-Nitrophenol

Concen: 39.47 ng

RT: 7.86 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

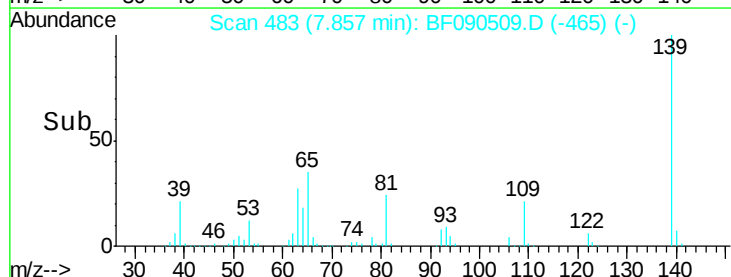
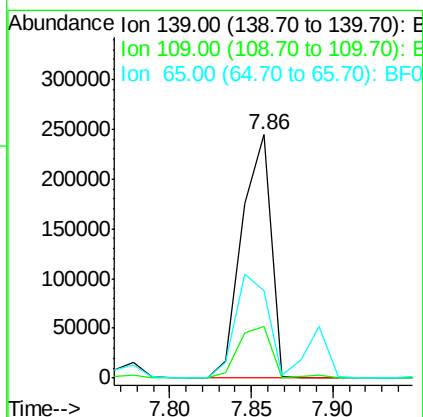
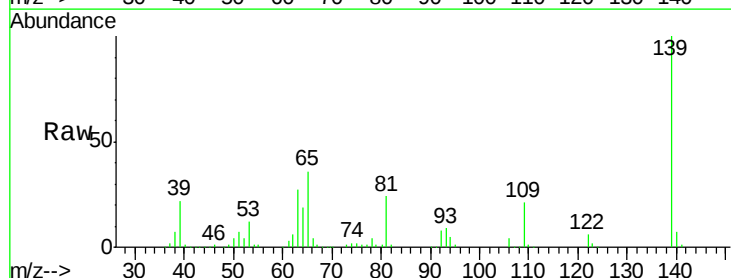
Tgt Ion: 139 Resp: 301864

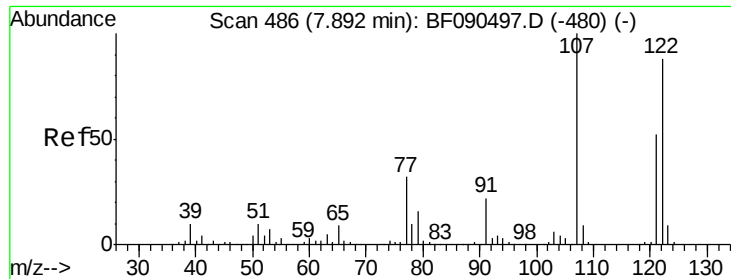
Ion Ratio Lower Upper

139 100

109 21.4 18.9 28.3

65 35.8 31.6 47.4





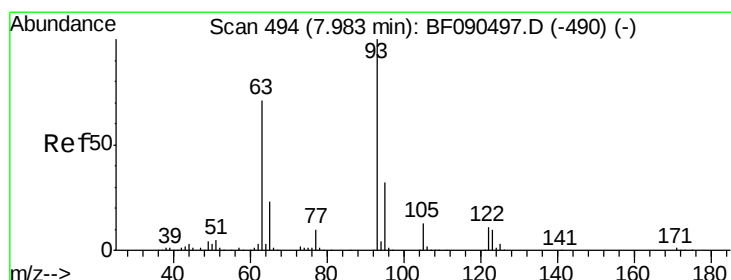
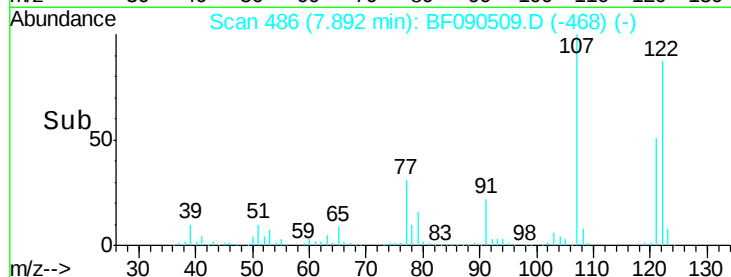
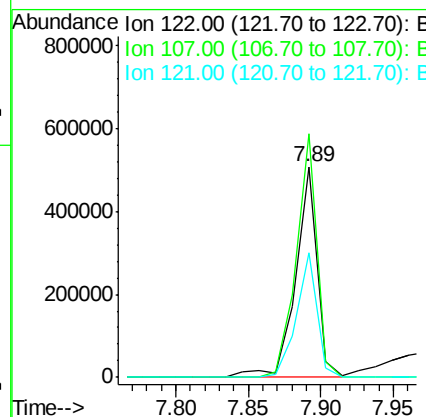
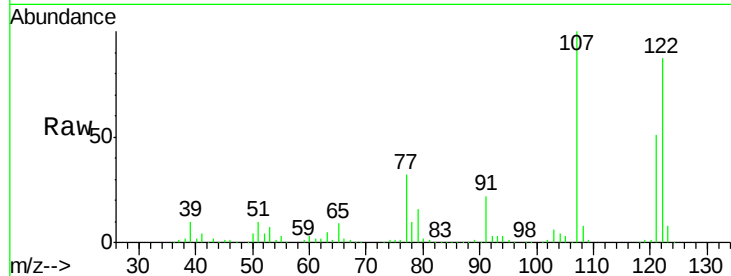
#27
 2,4-Dimethylphenol
 Concen: 40.39 ng
 RT: 7.89 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB93889BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	525097		
107	115.5	88.6	132.8	
121	58.9	47.5	71.3	

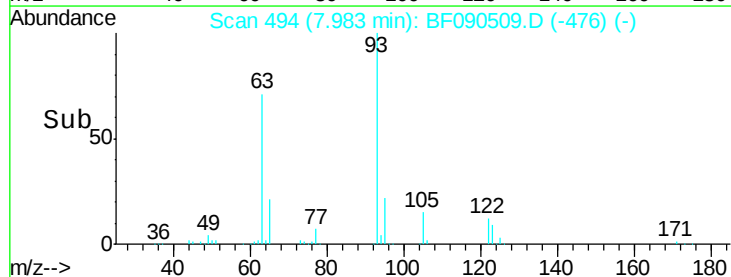
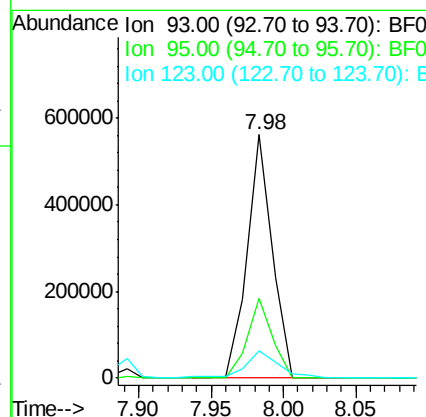
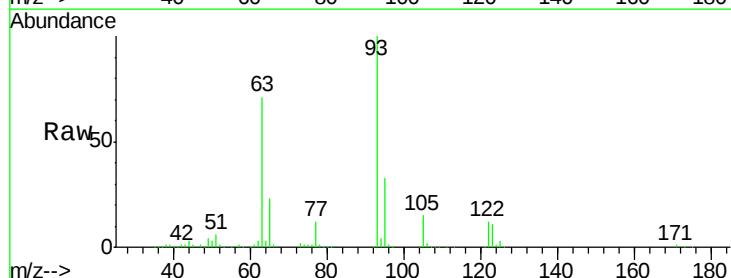
Manual Integrations
 APPROVED

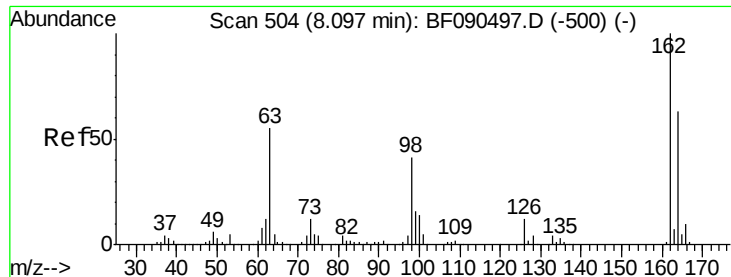
sohil
 10/12/2016 4:09:25 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.26 ng
 RT: 7.98 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	672044		
95	32.5	27.0	40.4	
123	11.1	11.1	16.7	





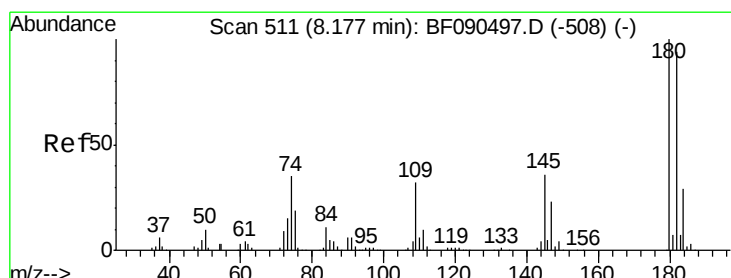
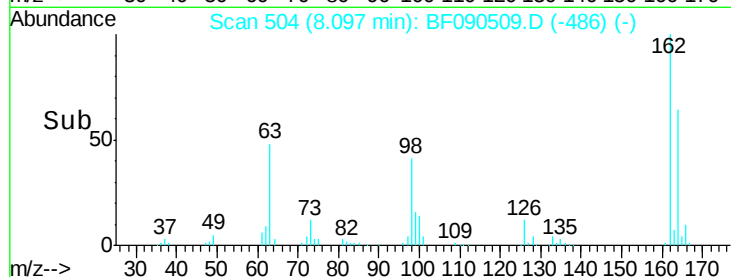
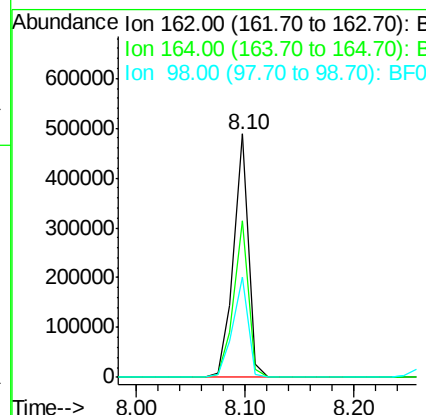
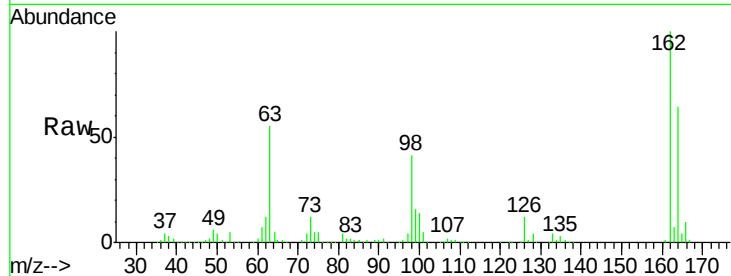
#29
 2,4-Dichlorophenol
 Concen: 42.27 ng
 RT: 8.10 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB93889BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.1	45.7	85.7
98	41.4	13.3	53.3

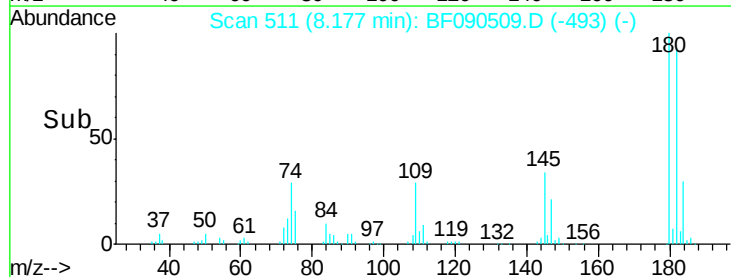
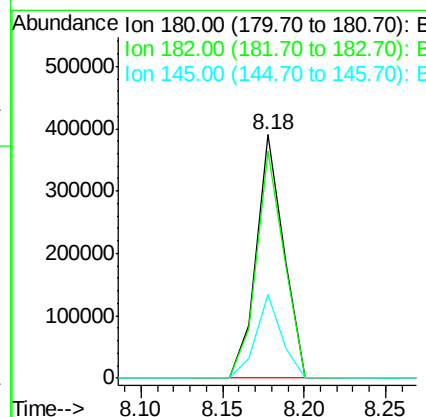
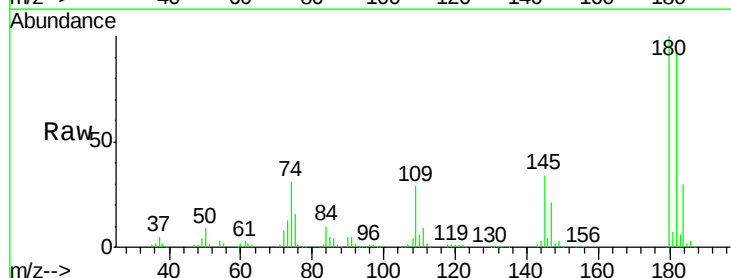
Manual Integrations
 APPROVED

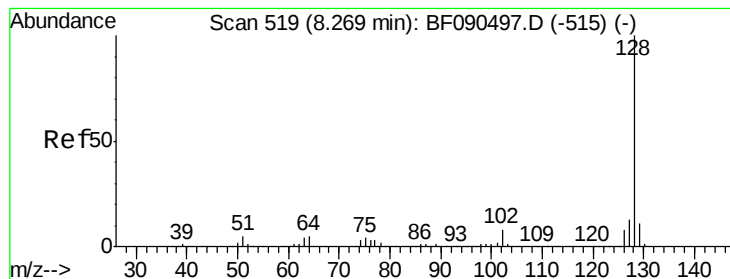
sohil
 10/12/2016 4:09:25 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.26 ng
 RT: 8.18 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.5	75.3	112.9
145	34.1	27.7	41.5





#31

Naphthalene

Concen: 35.80 ng

RT: 8.26 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB93889BS

Tot Ion:128 Resp: 1512041

Ion Ratio Lower Upper

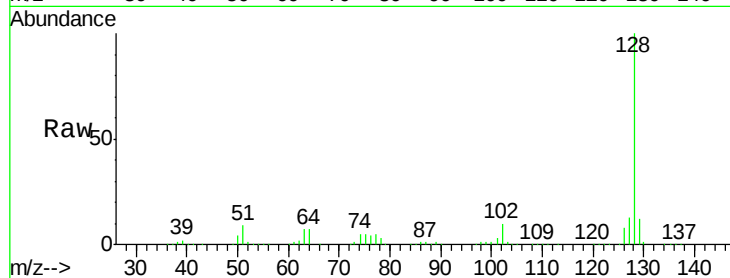
128 100

129 11.8 9.7 14.5

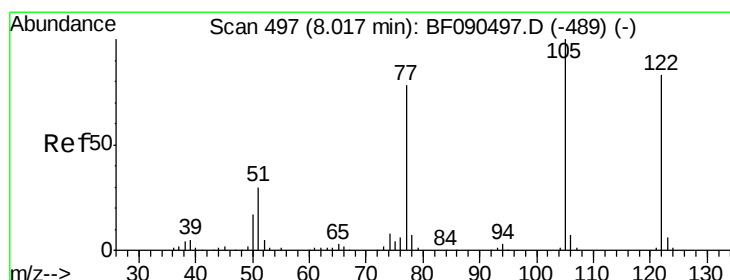
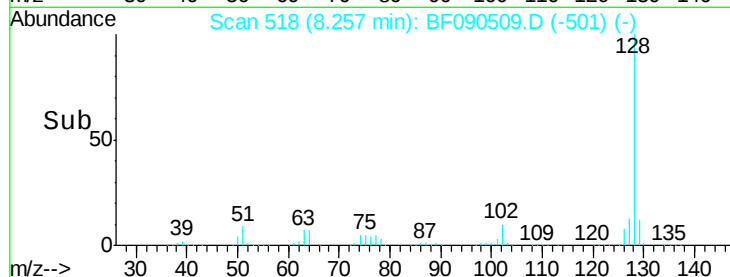
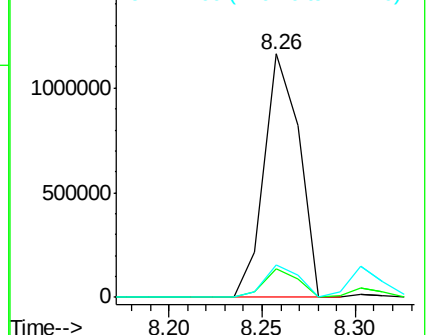
127 13.3 11.7 17.5

Manual Integrations
APPROVED

sohil
10/12/2016 4:09:25 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: 34.85 ng

RT: 8.01 min Scan# 496

Delta R.T. -0.01 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

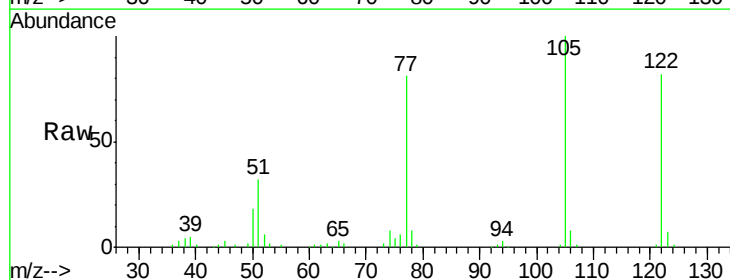
Tgt Ion:122 Resp: 357595

Ion Ratio Lower Upper

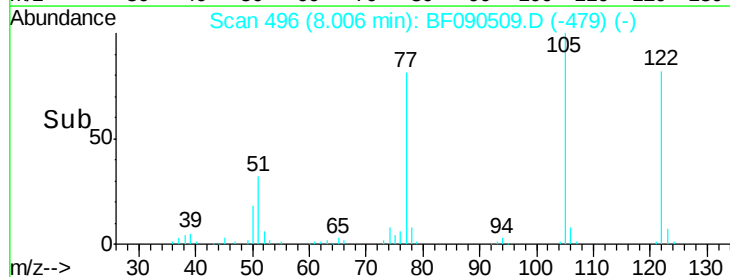
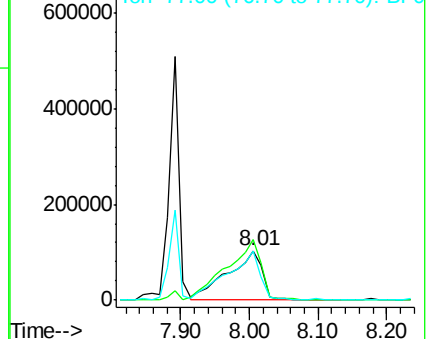
122 100

105 121.9 103.9 143.9

77 98.7 74.6 114.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





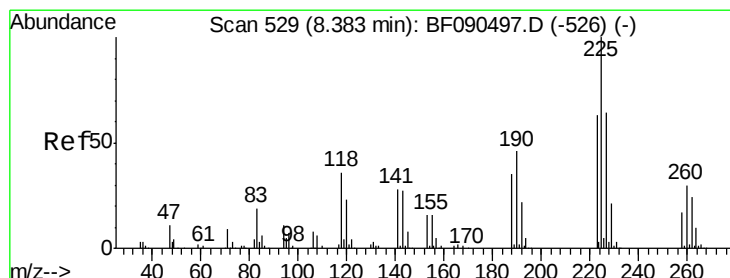
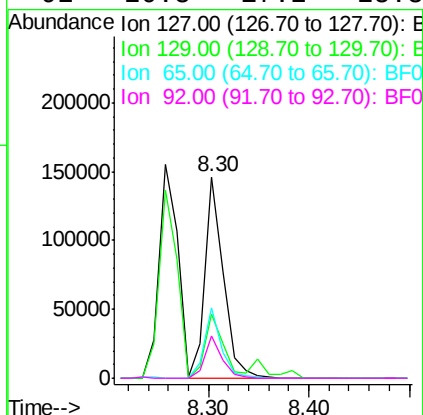
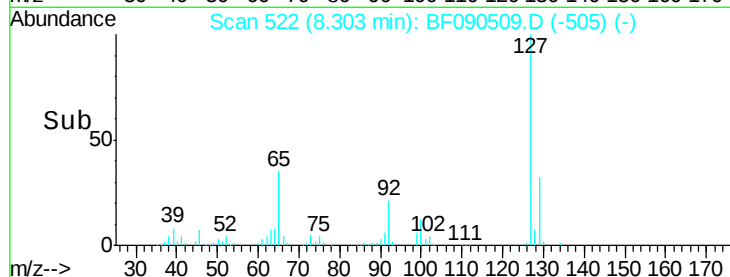
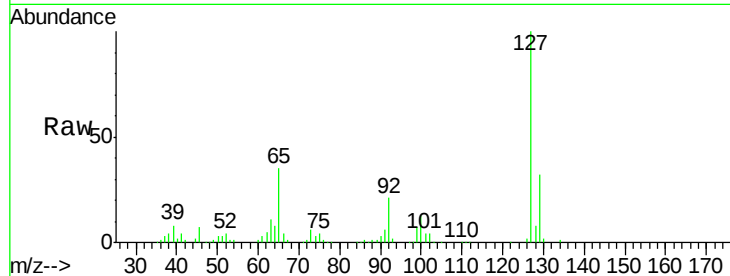
#33
4-Chloroaniline
Concen: 10.48 ng
RT: 8.30 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB93889BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		187361		
129	31.7	26.2	39.4		
65	35.1	32.5	48.7		
92	20.8	17.2	25.8		

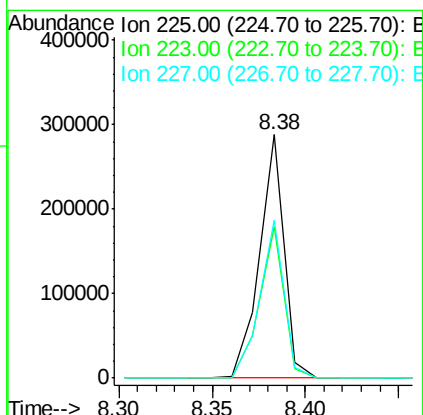
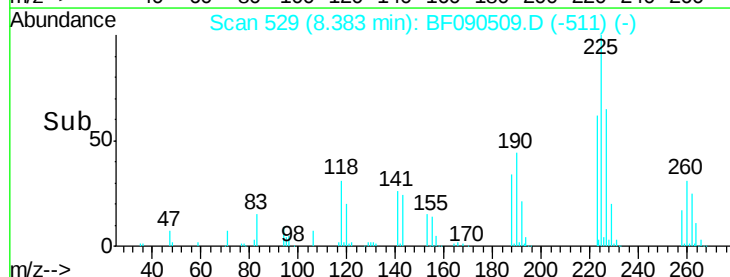
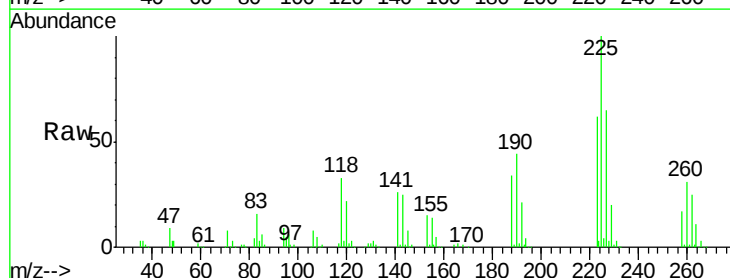
Manual Integrations
APPROVED

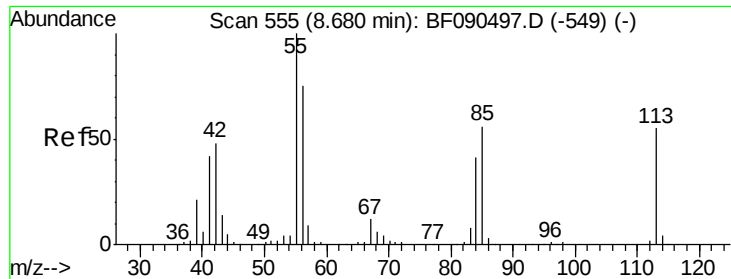
sohil
10/12/2016 4:09:25 PM



#34
Hexachlorobutadiene
Concen: 37.80 ng
RT: 8.38 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		263983		
223	62.0	51.0	76.4		
227	64.6	50.8	76.2		





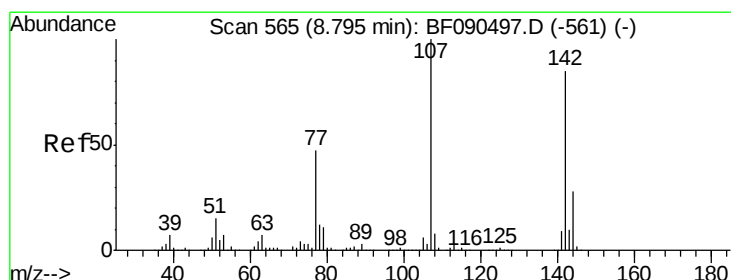
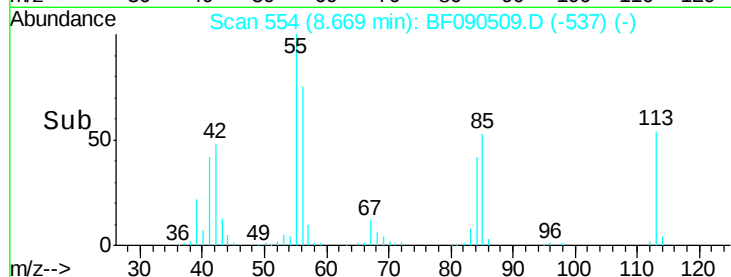
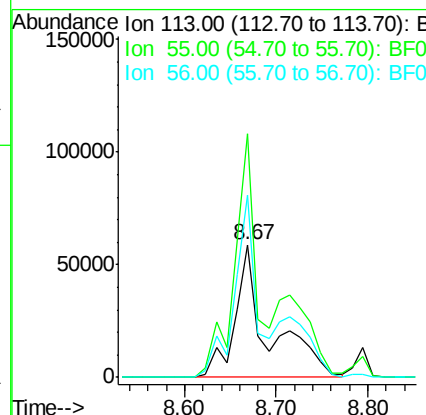
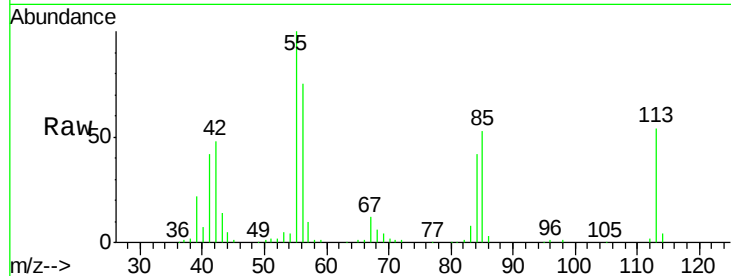
#35
 Caprolactam
 Concen: 42.88 ng/ml
 RT: 8.67 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB93889BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	183.7	203.3	243.3#
56	137.4	140.5	180.5#

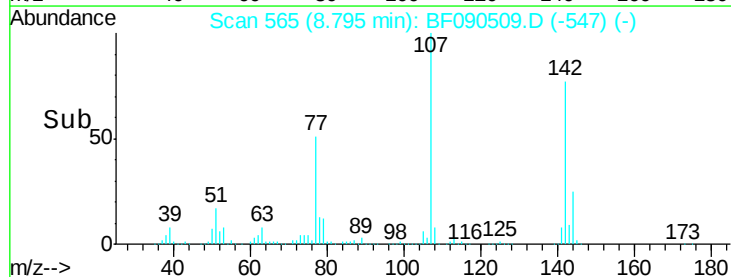
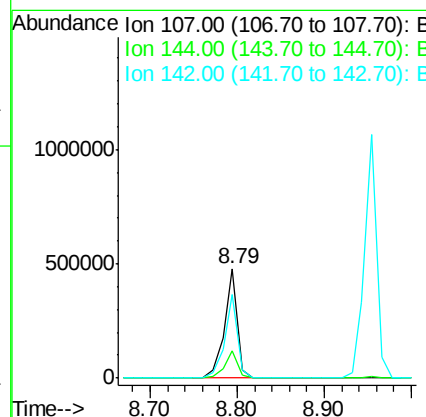
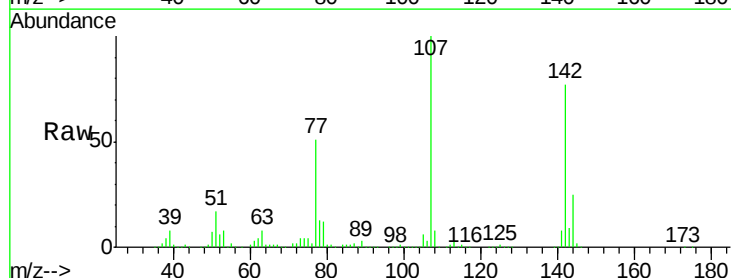
Manual Integrations
 APPROVED

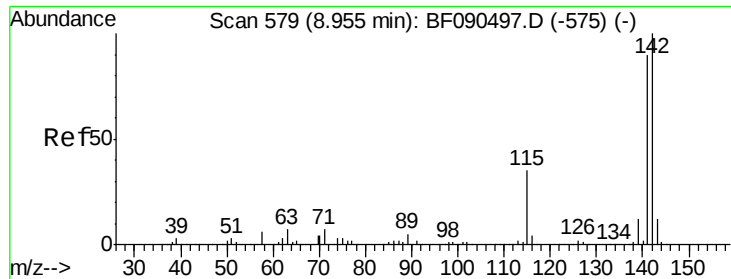
sohil
 10/12/2016 4:09:25 PM



#36
 4-Chloro-3-methylphenol
 Concen: 39.69 ng/ml
 RT: 8.79 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	19.8	29.8
142	76.8	60.7	91.1





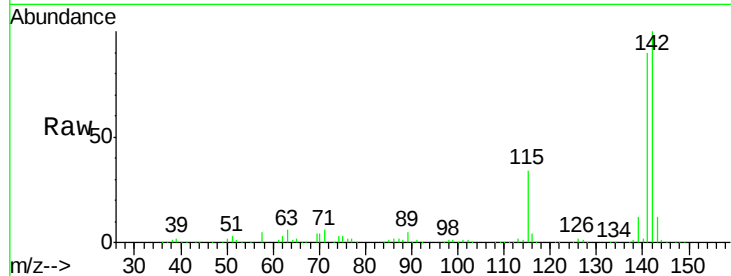
#37
2-Methylnaphthalene
Concen: 36.61 ng
RT: 8.95 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Instrument :
BNA_F
ClientSampled :
PB93889BS

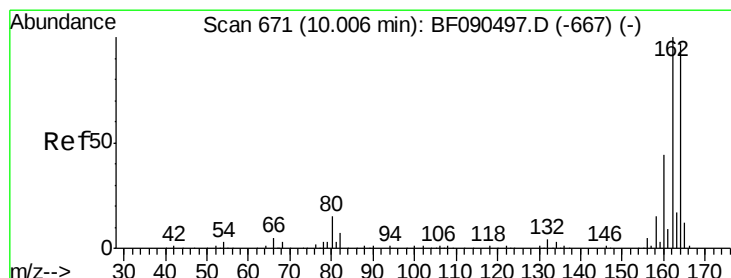
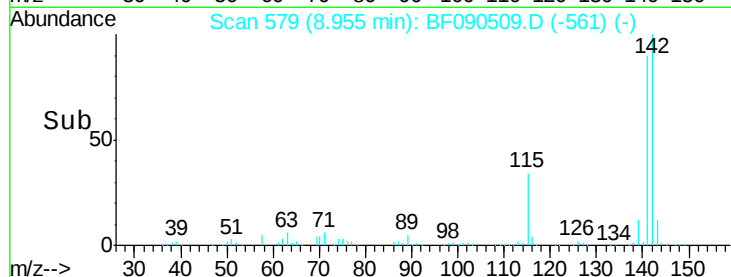
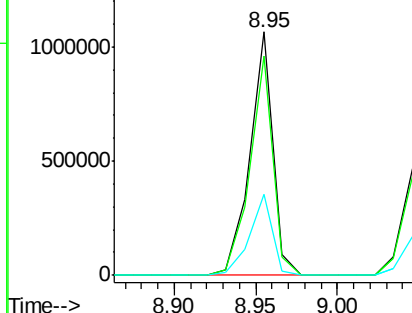
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.8	107.8
115	33.5	28.8	43.2

Manual Integrations
APPROVED

sohil
10/12/2016 4:09:25 PM



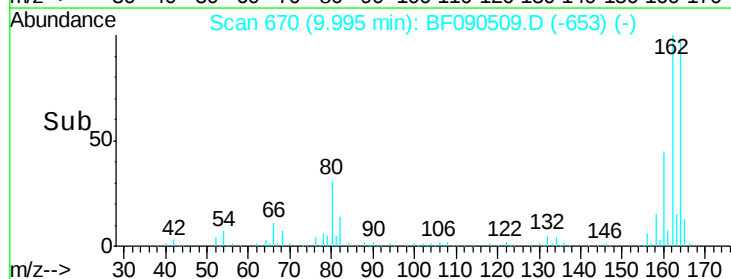
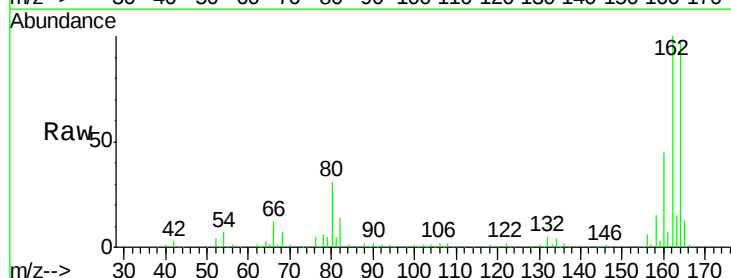
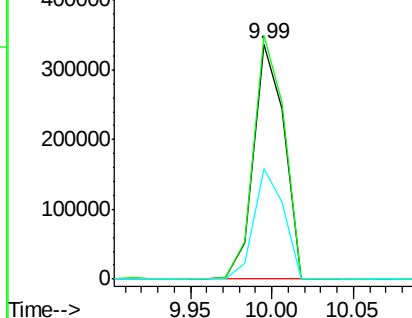
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

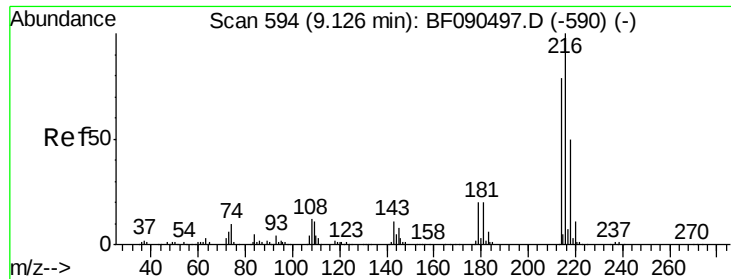


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.1	120.1
160	46.7	36.3	54.5

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





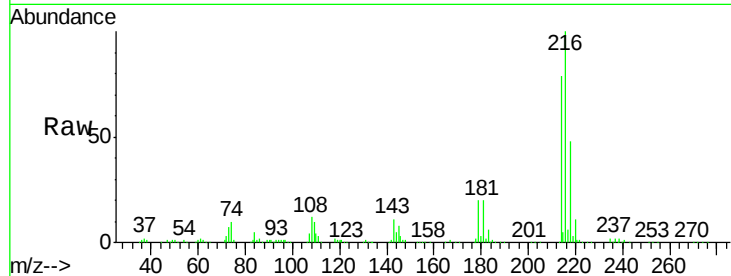
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.56 ng
 RT: 9.13 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB93889BS

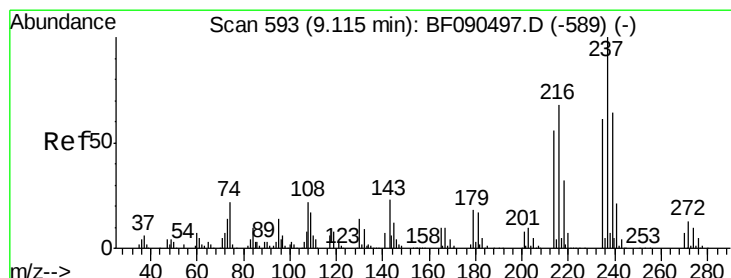
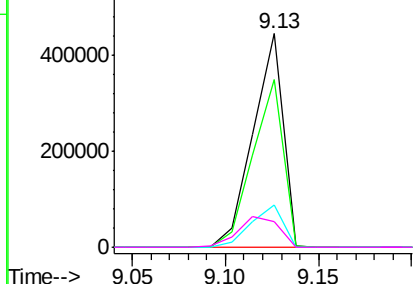
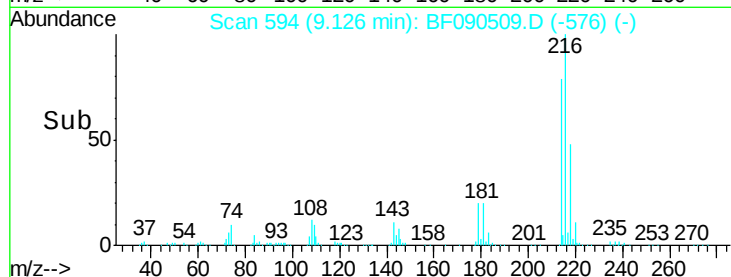
Tot Ion	Ratio	Resp	Lower	Upper
216	100	495738		
214	79.6	64.2	96.2	
179	21.3	18.0	27.0	
108	19.8	15.2	22.8	

Manual Integrations
 APPROVED

sohil
 10/12/2016 4:09:25 PM

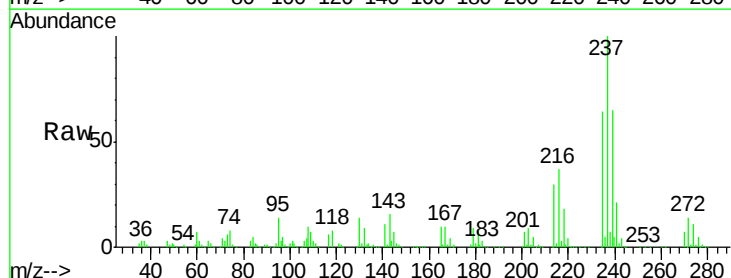


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

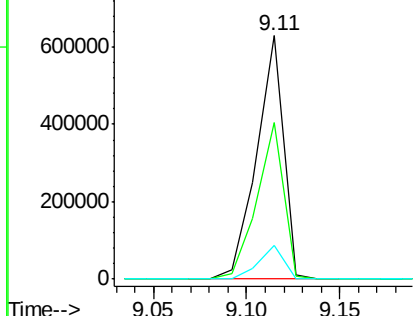
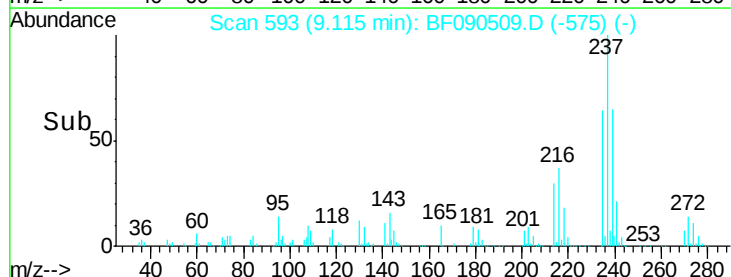


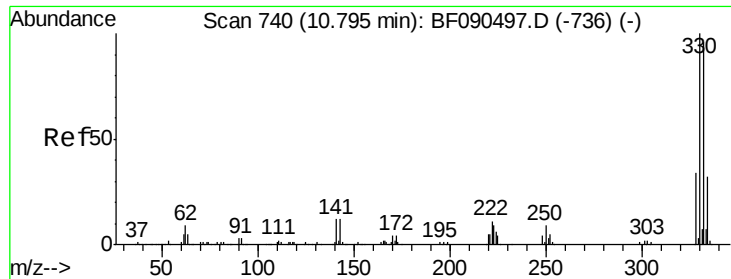
#40
 Hexachlorocyclopentadiene
 Concen: 103.31 ng
 RT: 9.11 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	626807		
235	64.2	43.6	83.6	
272	14.0	0.0	32.7	



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





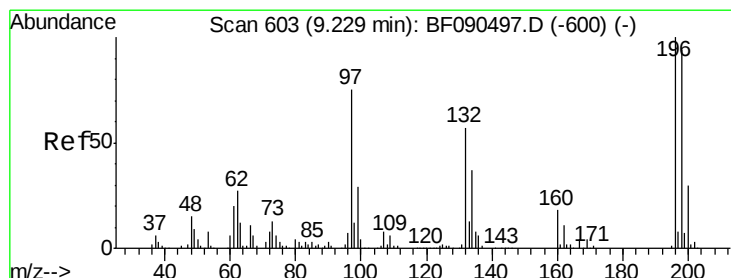
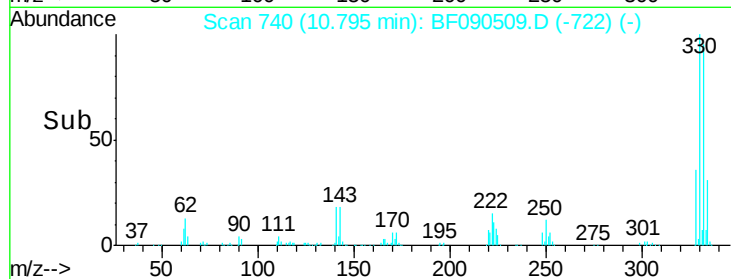
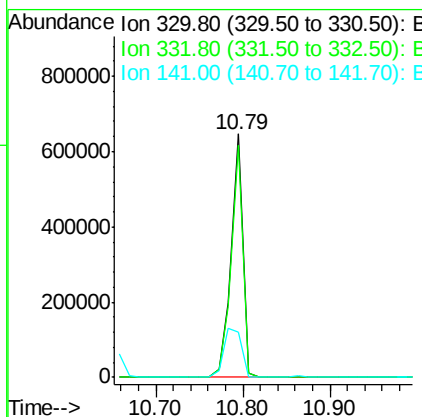
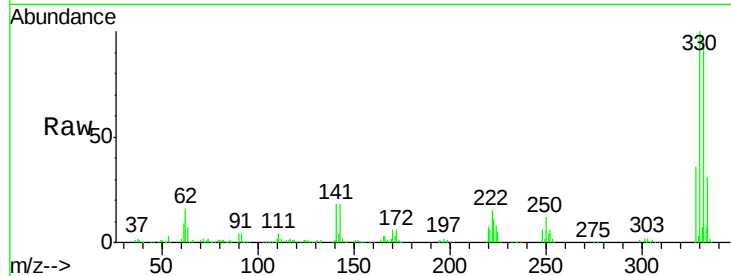
#41
 2,4,6-Tribromophenol
 Concen: 140.53 ng
 RT: 10.79 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB93889BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	608213		
332	95.6		75.4	113.0
141	30.8		26.9	40.3

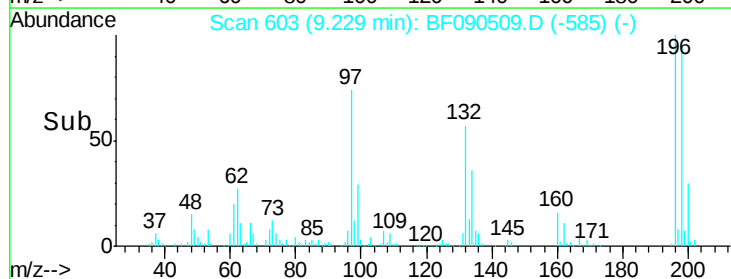
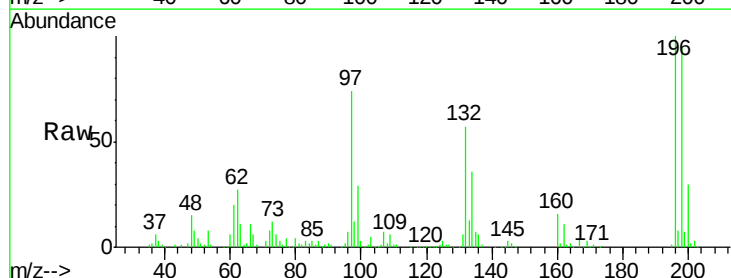
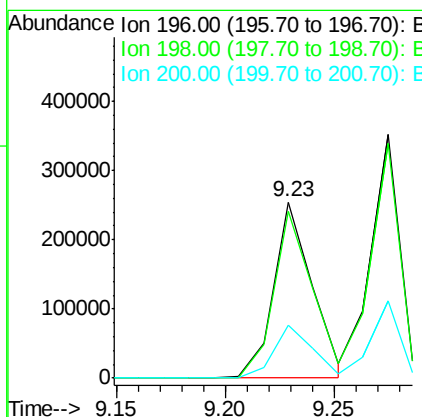
Manual Integrations
 APPROVED

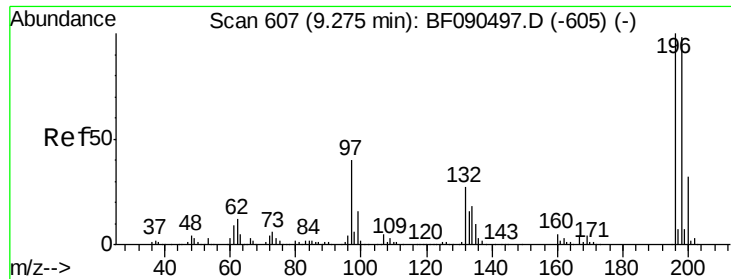
sohil
 10/12/2016 4:09:25 PM



#42
 2,4,6-Trichlorophenol
 Concen: 38.41 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	316545		
198	94.6		78.9	118.3
200	29.8		25.4	38.2





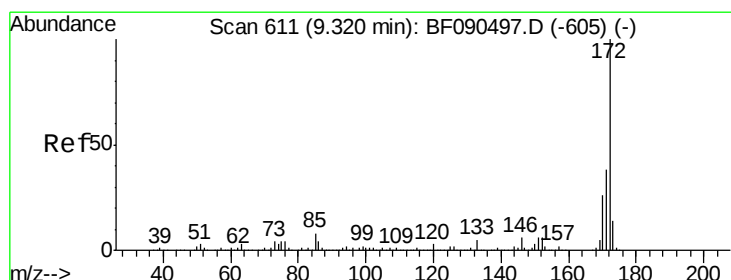
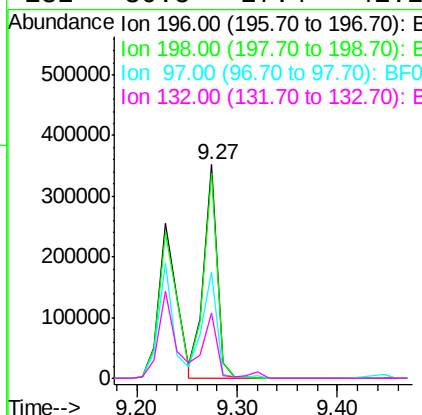
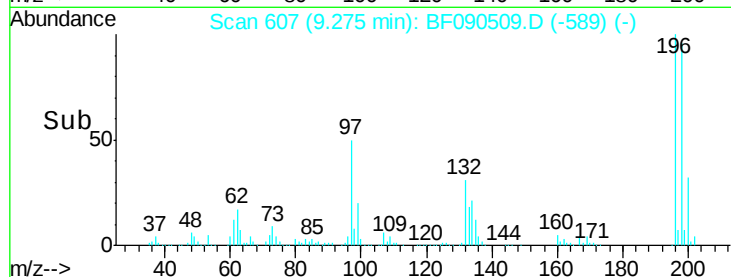
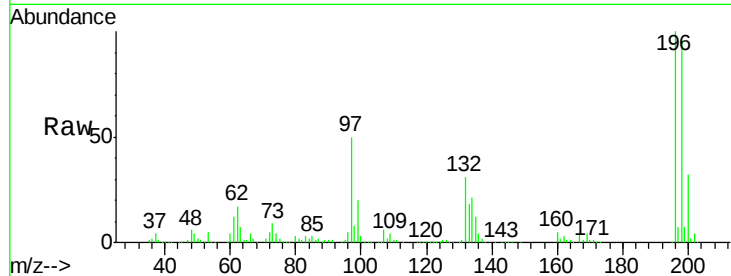
#43
 2,4,5-Trichlorophenol
 Concen: 40.57 ng
 RT: 9.27 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB93889BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	330876		
198	96.2	78.1	117.1	
97	50.0	48.1	72.1	
132	30.5	27.4	41.2	

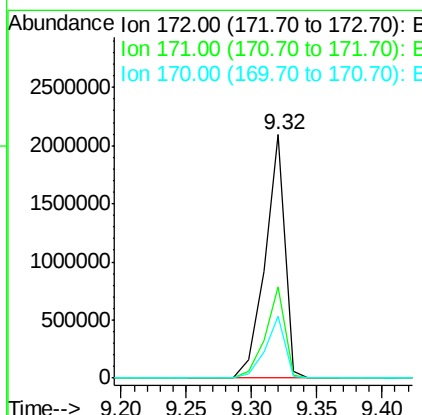
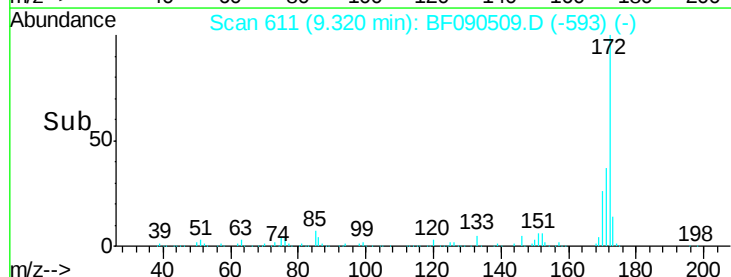
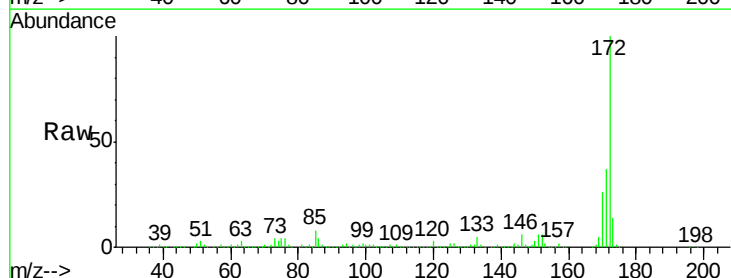
Manual Integrations
 APPROVED

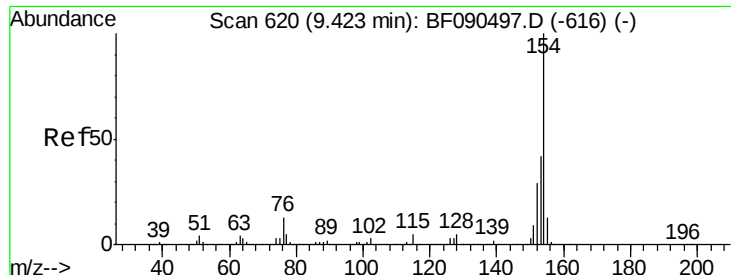
sohil
 10/12/2016 4:09:25 PM



#44
 2-Fluorobiphenyl
 Concen: 85.17 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2212848		
171	37.3	31.8	47.8	
170	25.6	21.7	32.5	





#45

1,1'-Biphenyl

Concen: 39.79 ng

RT: 9.42 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB93889BS

Tot Ion:154 Resp: 1326951

Ion Ratio Lower Upper

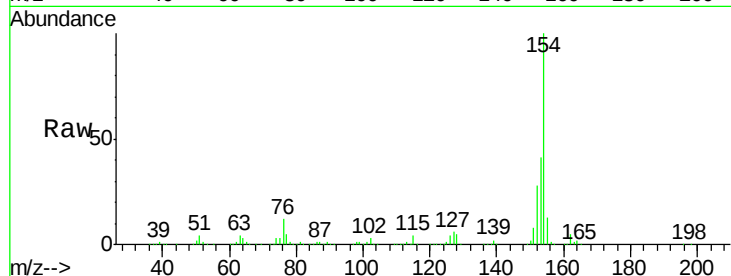
154 100

153 40.8 23.8 63.8

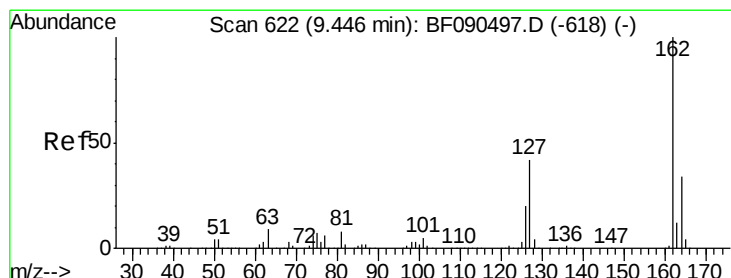
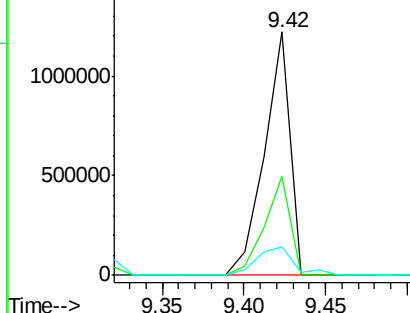
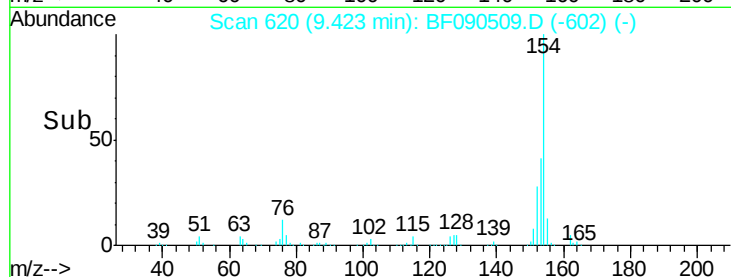
76 11.6 0.0 35.8

Manual Integrations
APPROVED

sohil
10/12/2016 4:09:25 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: 42.19 ng

RT: 9.45 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

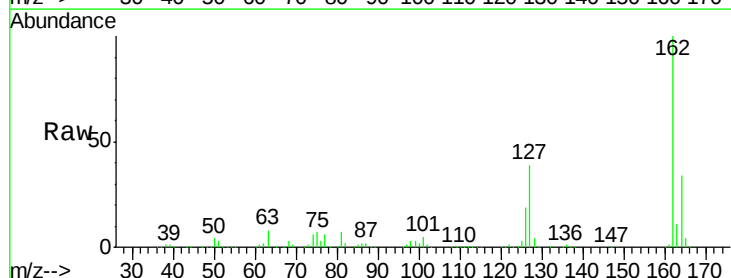
Tgt Ion:162 Resp: 1046887

Ion Ratio Lower Upper

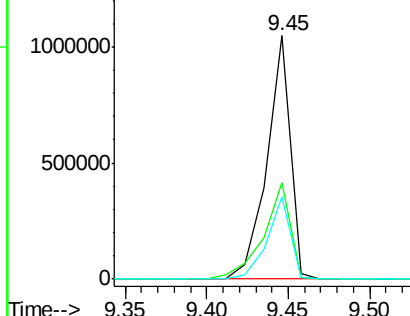
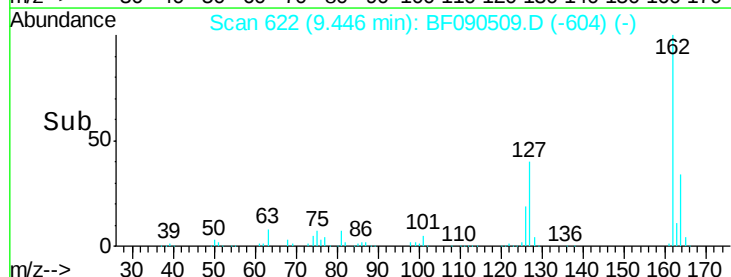
162 100

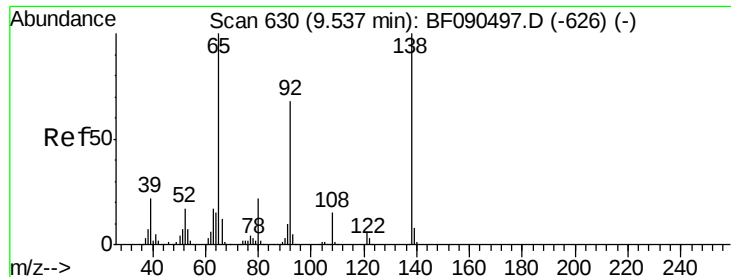
127 39.5 35.6 53.4

164 33.7 27.5 41.3



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: 40.80 ng

RT: 9.54 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

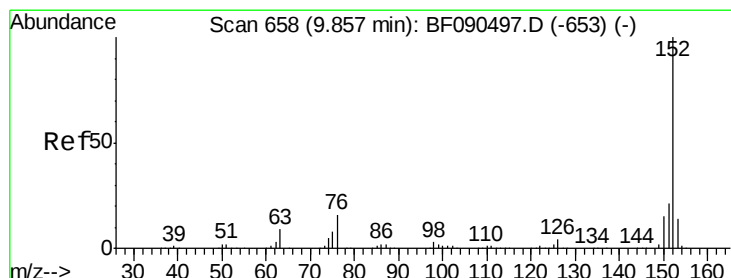
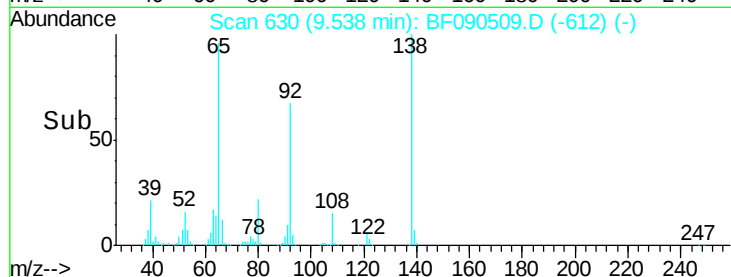
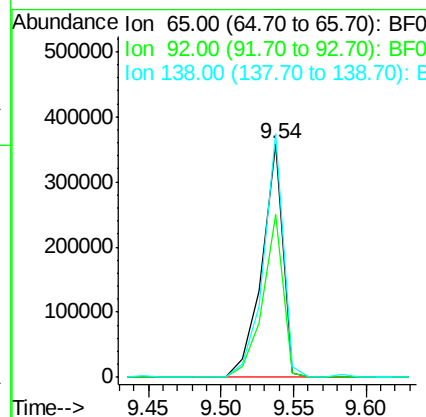
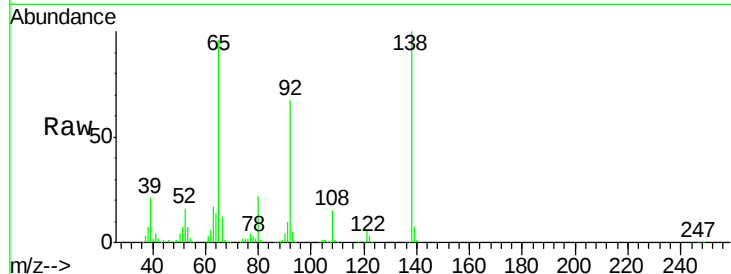
ClientSampleId :

PB93889BS

Tot Ion:	65	Resp:	361060
Ion Ratio	Lower	Upper	
65	100		
92	70.0	51.7	77.5
138	104.3	79.0	118.4

Manual Integrations
APPROVED

sohil
10/12/2016 4:09:25 PM



#48

Acenaphthylene

Concen: 36.81 ng

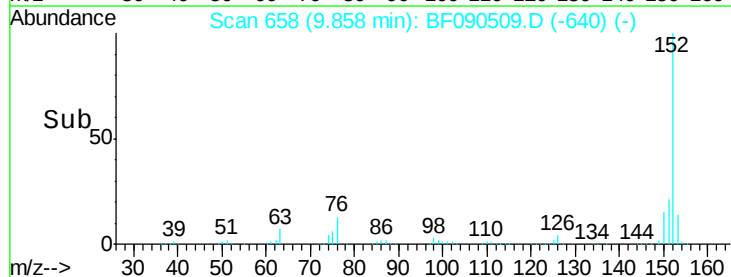
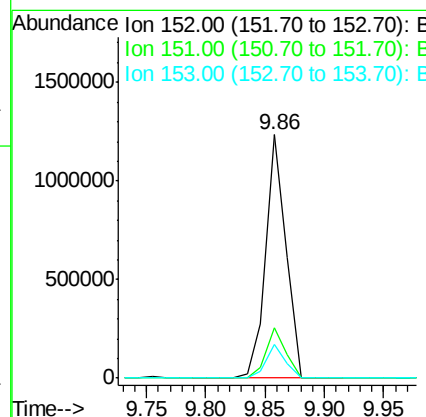
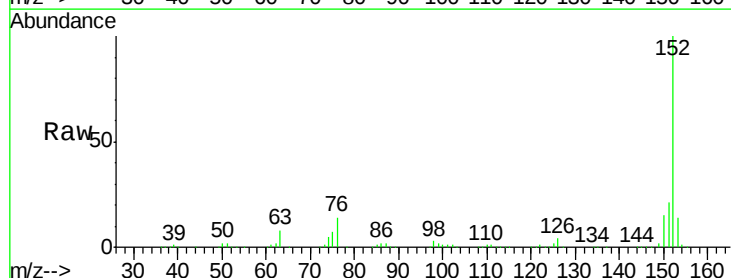
RT: 9.86 min Scan# 658

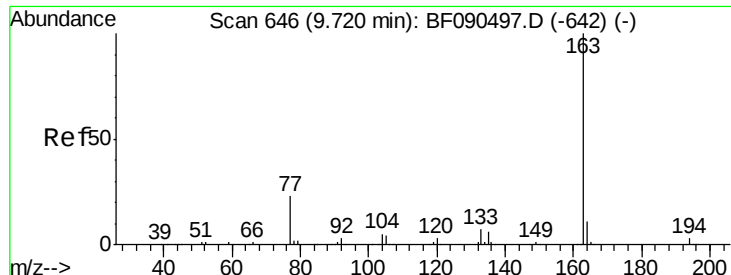
Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Tgt Ion:	152	Resp:	1473553
Ion Ratio	Lower	Upper	
152	100		
151	20.6	17.4	26.0
153	13.8	11.6	17.4





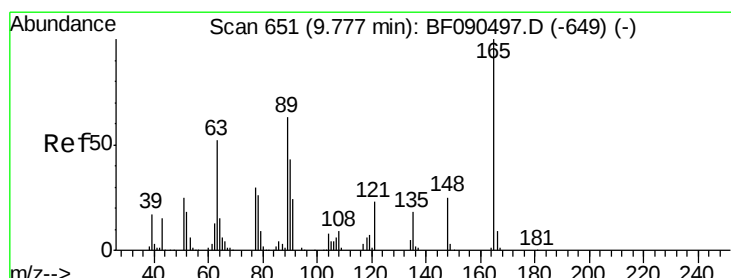
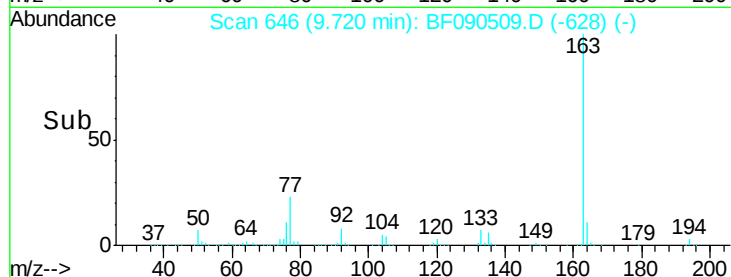
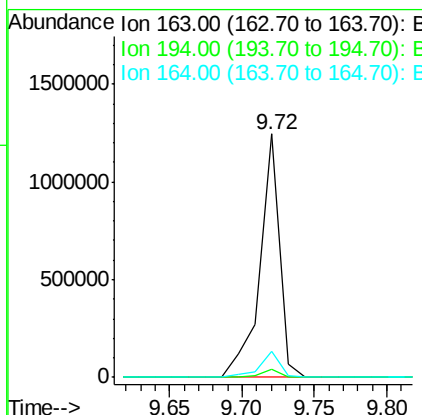
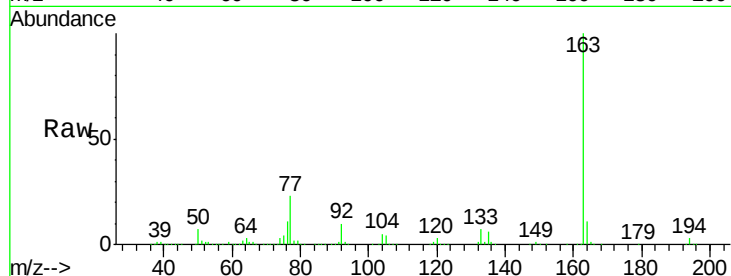
#49
Dimethylphthalate
Concen: 39.94 ng
RT: 9.72 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB93889BS

Tot Ion:163 Resp: 1172749
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.7 9.0 13.4

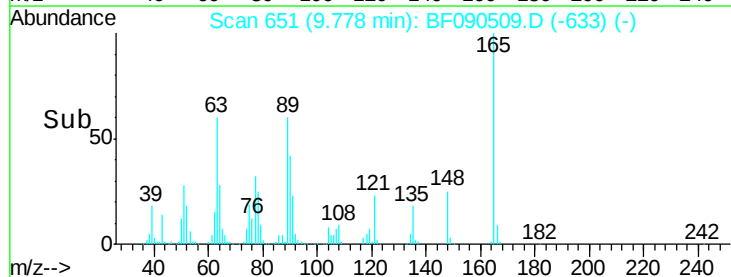
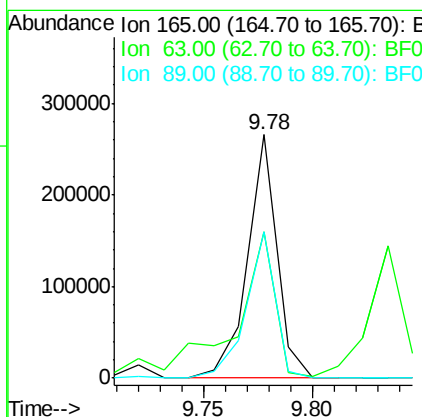
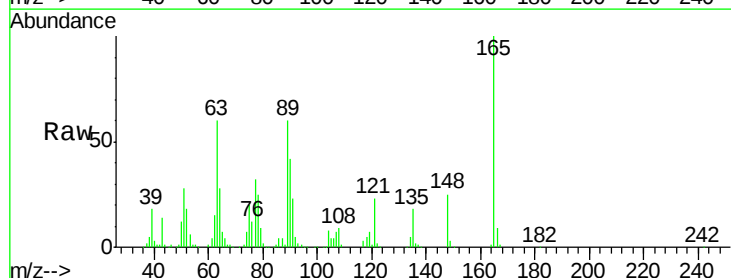
Manual Integrations
APPROVED

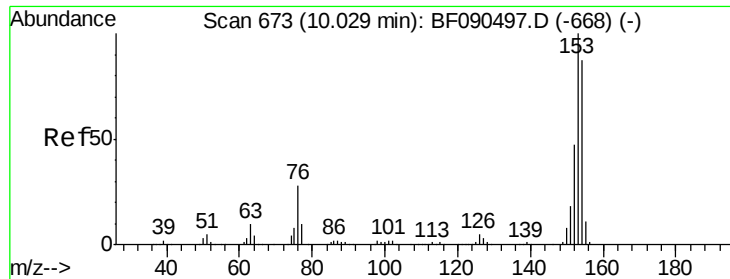
sohil
10/12/2016 4:09:25 PM



#50
2,6-Dinitrotoluene
Concen: 38.76 ng
RT: 9.78 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion:165 Resp: 251298
Ion Ratio Lower Upper
165 100
63 60.3 58.0 87.0
89 60.2 51.2 76.8





#51

Acenaphthene

Concen: 38.81 ng

RT: 10.03 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB93889BS

Tot Ion:154 Resp: 1041103

Ion Ratio Lower Upper

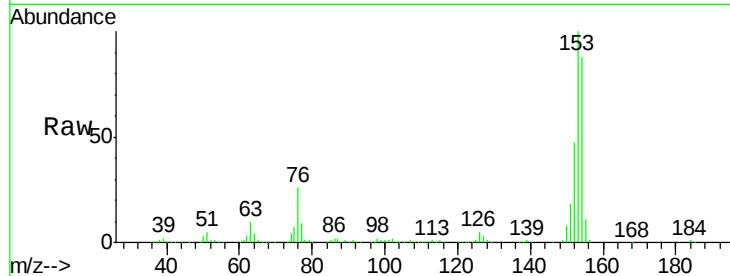
154 100

153 113.5 88.6 133.0

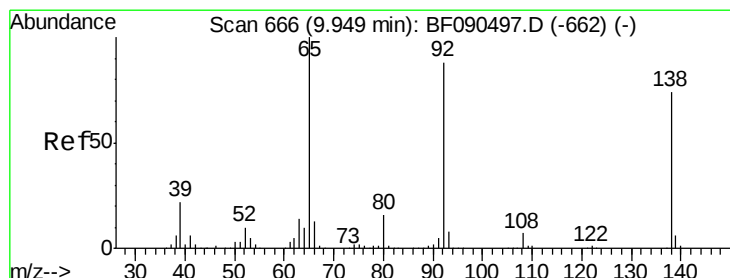
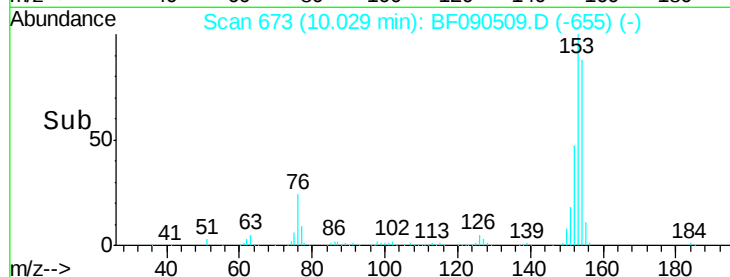
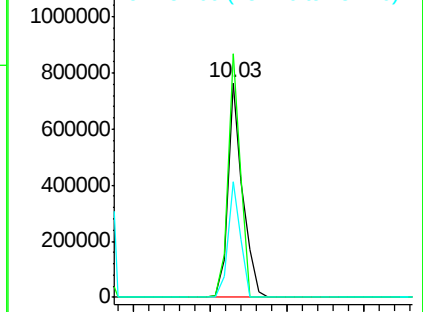
152 53.7 42.6 64.0

Manual Integrations
APPROVED

sohil
10/12/2016 4:09:25 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: 17.99 ng

RT: 9.95 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

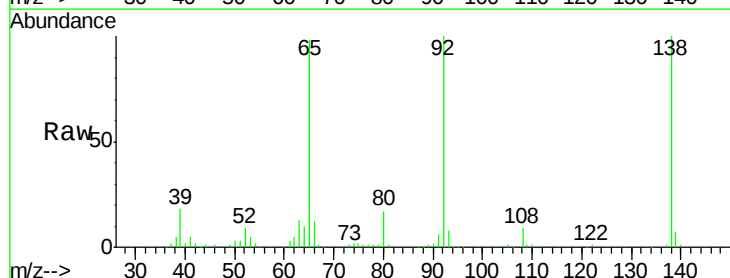
Tgt Ion:138 Resp: 144682

Ion Ratio Lower Upper

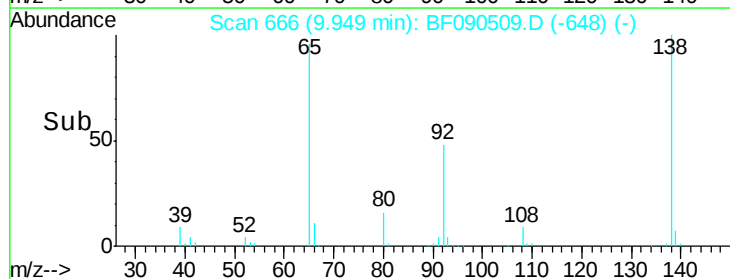
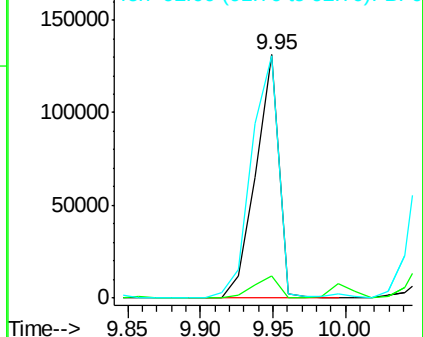
138 100

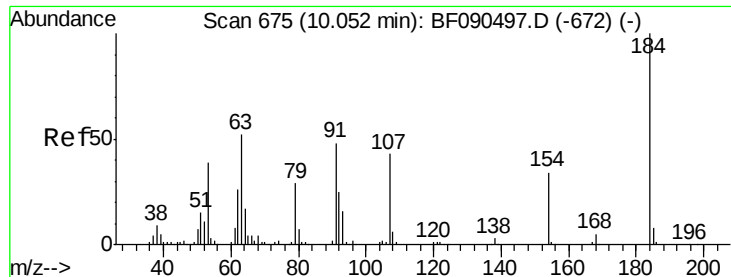
108 8.9 9.7 14.5#

92 99.8 97.1 145.7



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





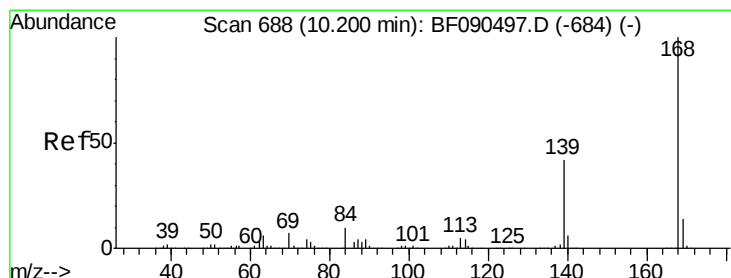
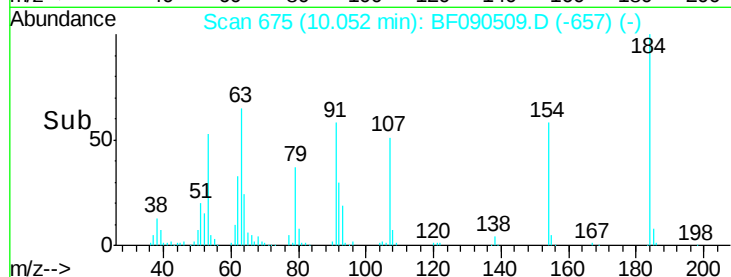
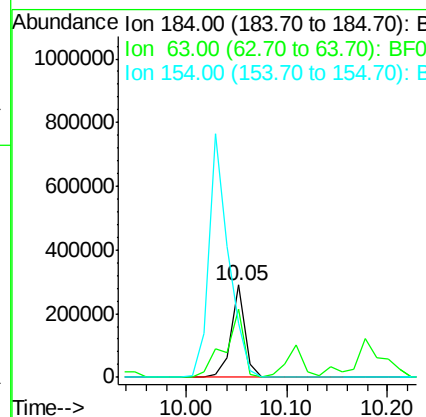
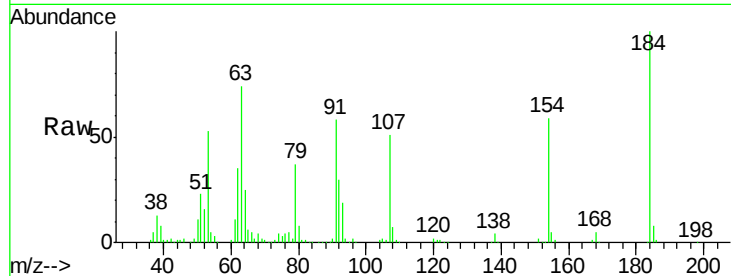
#53
2,4-Dinitrophenol
Concen: 78.07 ng
RT: 10.05 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB93889BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	280878		
63	74.0	41.9	62.9#	
154	58.5	48.9	73.3	

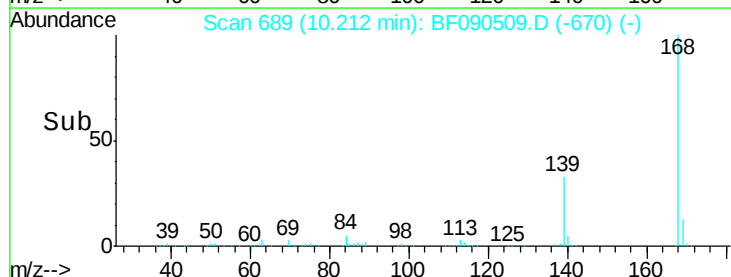
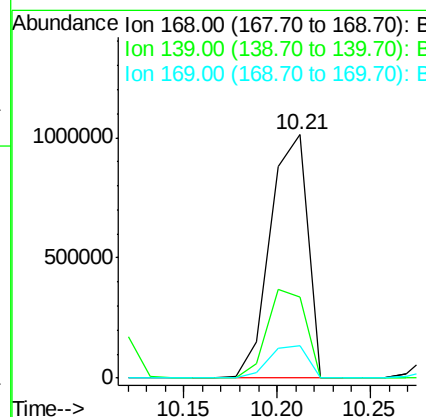
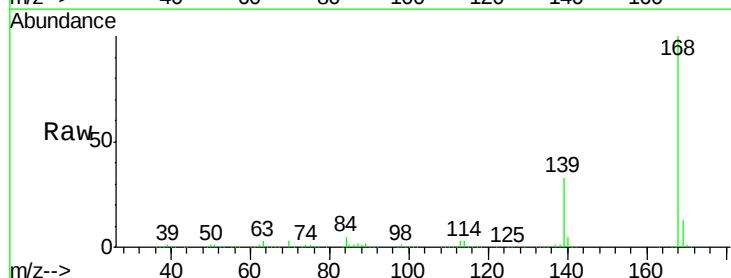
Manual Integrations
APPROVED

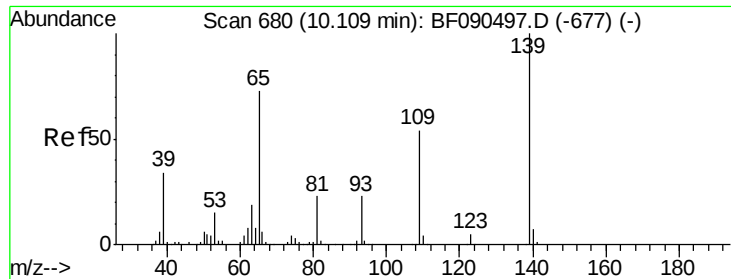
sohil
10/12/2016 4:09:25 PM



#54
Dibenzofuran
Concen: 39.40 ng
RT: 10.21 min Scan# 689
Delta R.T. 0.01 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1406582		
139	33.3	29.6	44.4	
169	13.3	11.3	16.9	





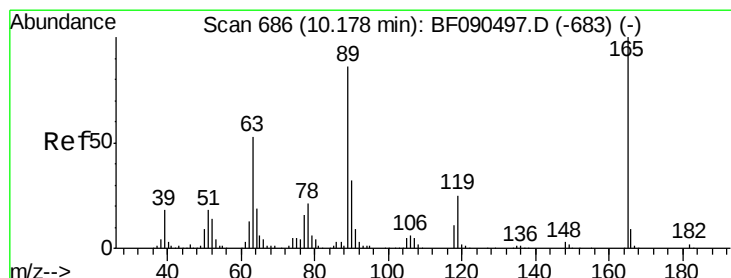
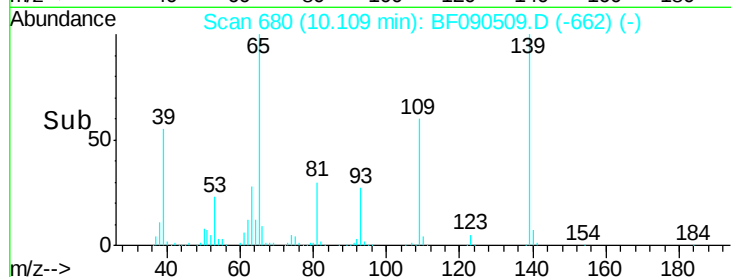
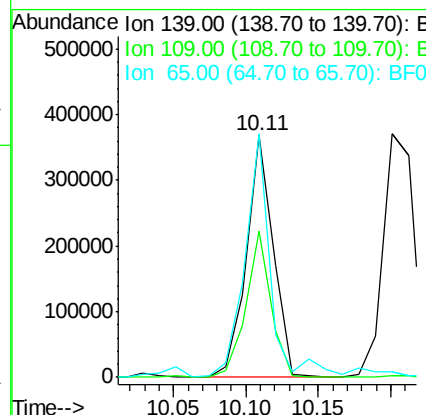
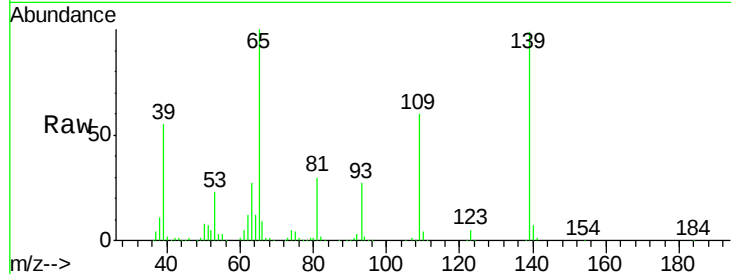
#55
4-Nitrophenol
Concen: 75.79 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB93889BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	473776		
109	60.5	43.6	83.6	
65	100.6	87.5	127.5	

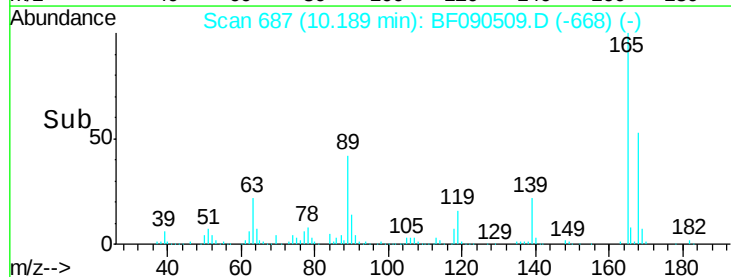
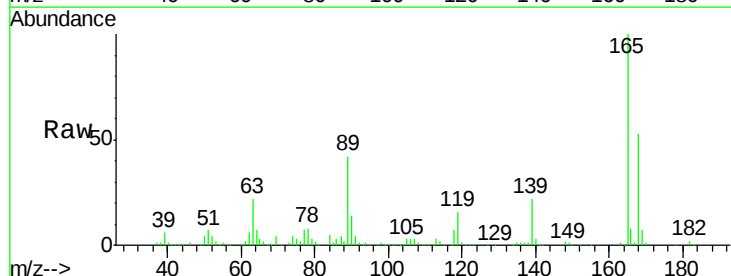
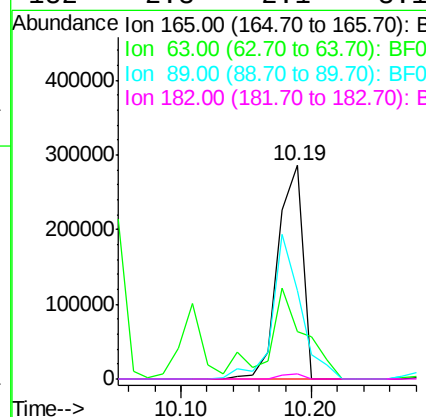
Manual Integrations
APPROVED

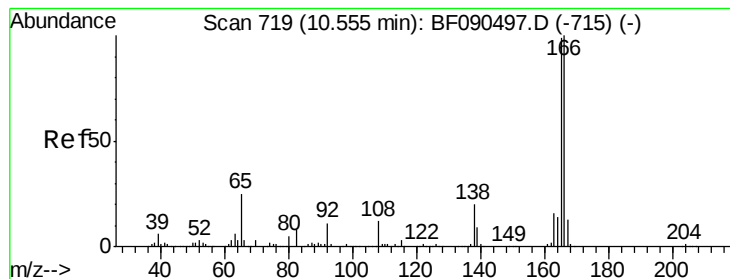
sohil
10/12/2016 4:09:25 PM



#56
2,4-Dinitrotoluene
Concen: 44.70 ng
RT: 10.19 min Scan# 687
Delta R.T. 0.01 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	383344		
63	22.1	17.8	26.6	
89	41.7	33.2	49.8	
182	2.3	2.1	3.1	





#57

Fluorene

Concen: 38.07 ng

RT: 10.54 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB93889BS

Tot Ion:166 Resp: 1109543

Ion Ratio Lower Upper

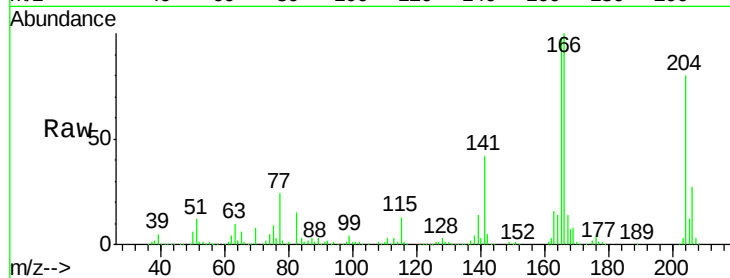
166 100

165 98.4 79.2 118.8

167 14.2 11.1 16.7

Manual Integrations
APPROVED

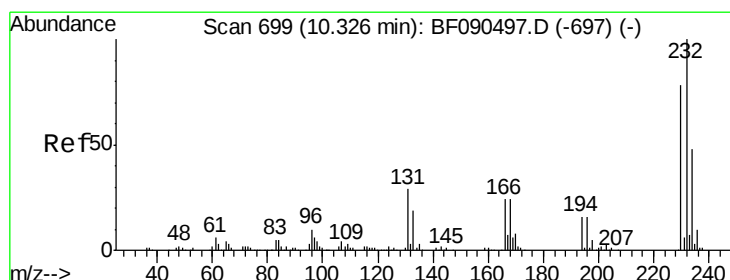
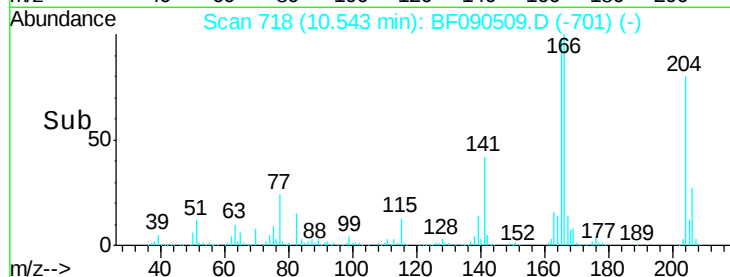
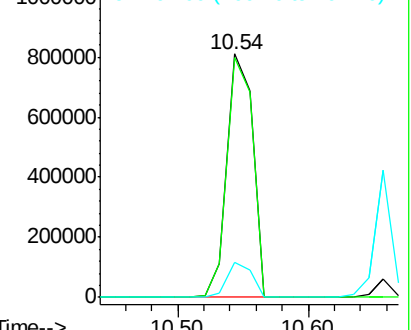
sohil
10/12/2016 4:09:25 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.20 ng

RT: 10.33 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Tgt Ion:232 Resp: 293874

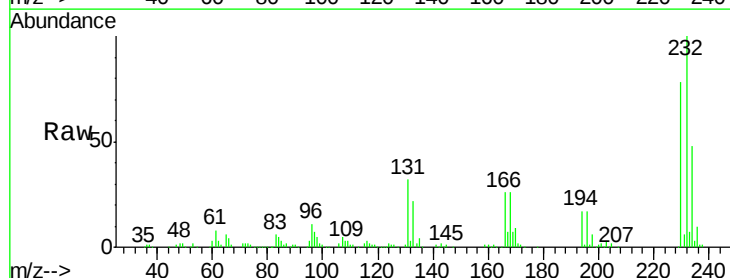
Ion Ratio Lower Upper

232 100

131 46.0 34.5 51.7

130 2.0 1.6 2.4

166 32.0 23.8 35.8

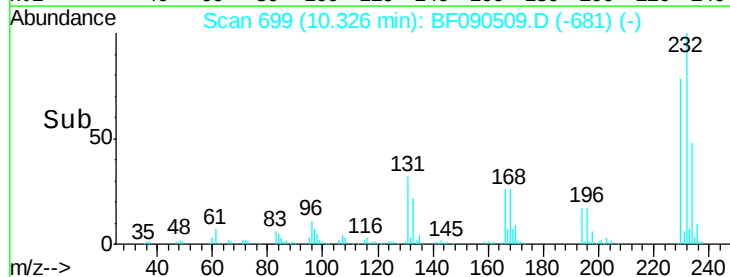
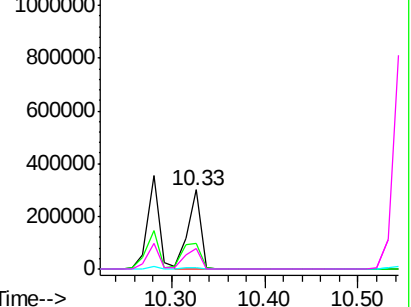


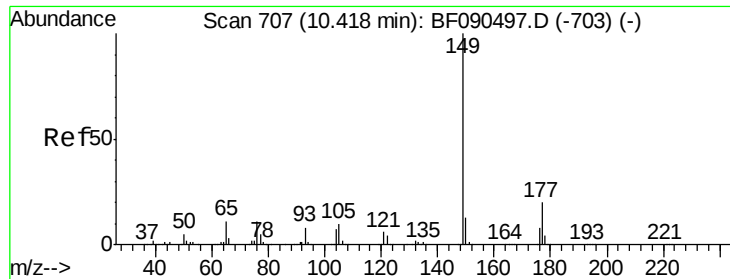
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





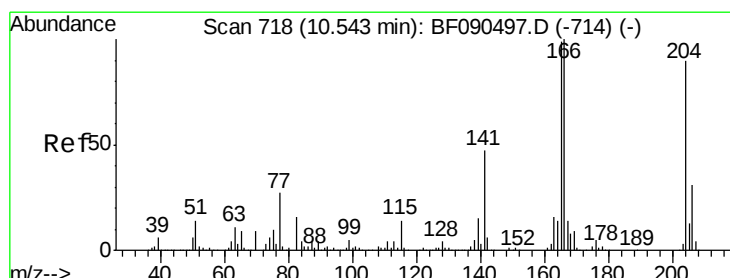
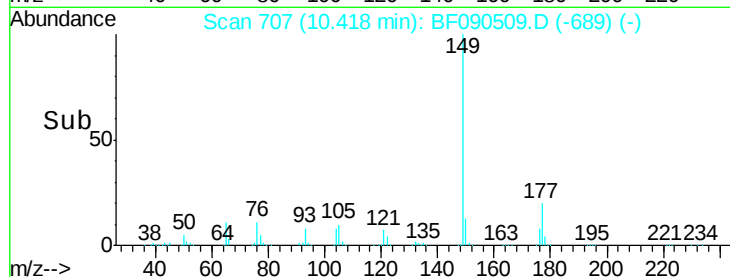
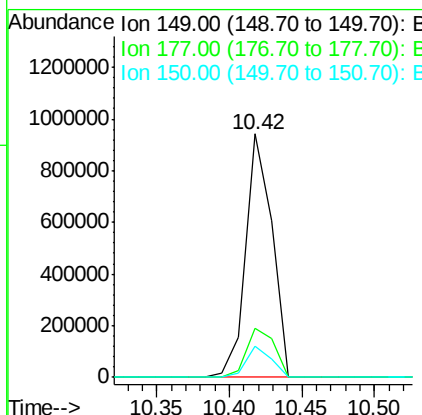
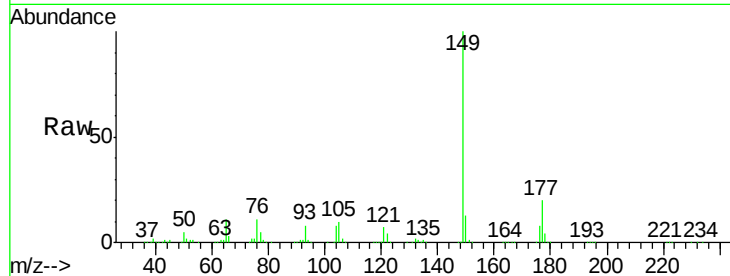
#59
Diethylphthalate
Concen: 39.55 ng
RT: 10.42 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB93889BS

Tot Ion:149 Resp: 1180990
Ion Ratio Lower Upper
149 100
177 20.4 21.1 31.7#
150 13.0 10.2 15.2

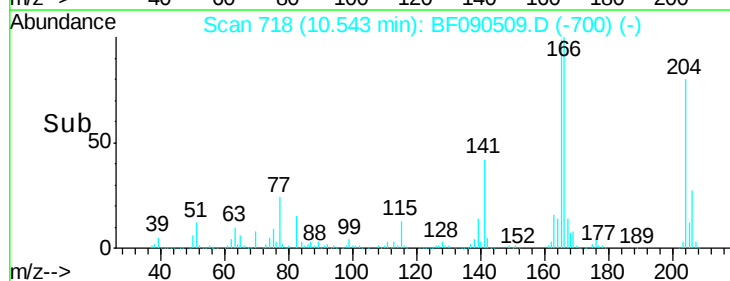
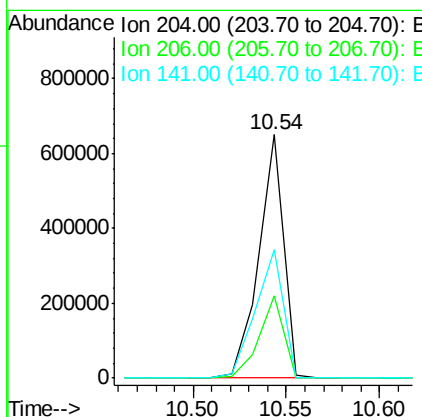
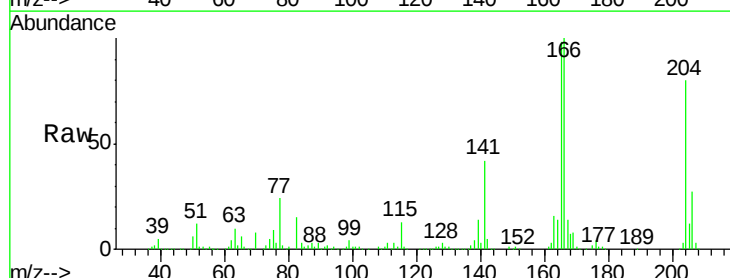
Manual Integrations
APPROVED

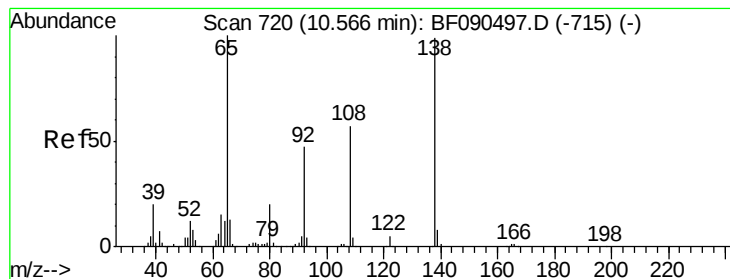
sohil
10/12/2016 4:09:25 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.13 ng
RT: 10.54 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion:204 Resp: 593329
Ion Ratio Lower Upper
204 100
206 34.0 26.7 40.1
141 52.7 51.7 77.5





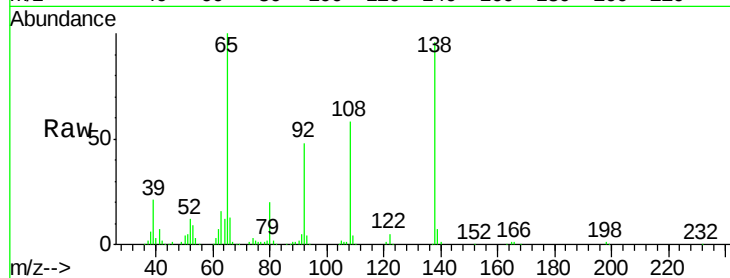
#61
4-Nitroaniline
Concen: 37.68 ng
RT: 10.57 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB93889BS

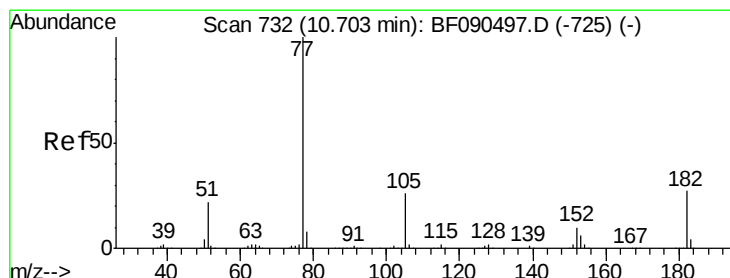
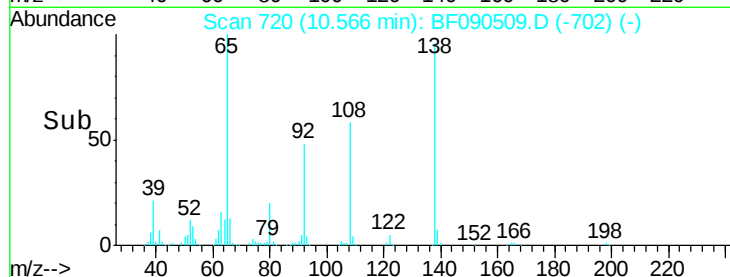
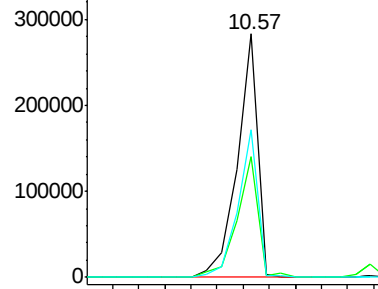
Tot Ion	Ratio	Lower	Upper
138	100		
92	49.6	33.2	73.2
108	60.5	48.5	88.5

Manual Integrations
APPROVED

sohil
10/12/2016 4:09:25 PM



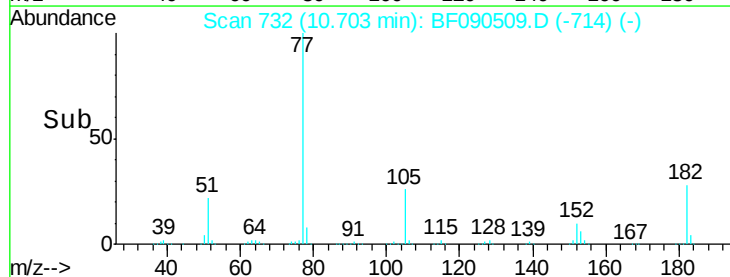
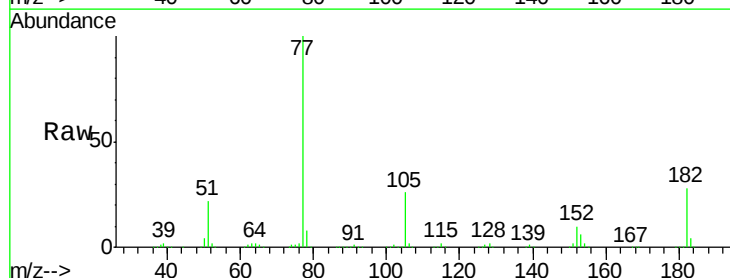
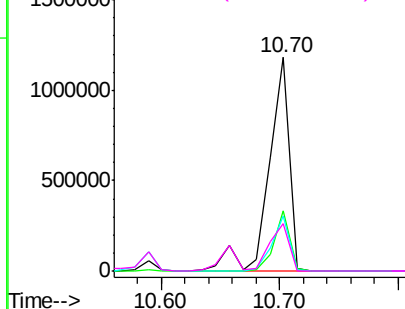
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

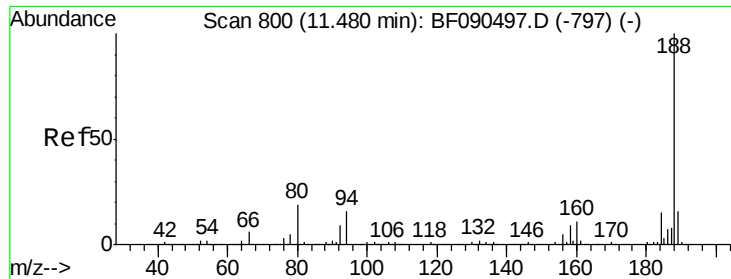


#62
Azobenzene
Concen: 43.69 ng
RT: 10.70 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.5	3.2	43.2
105	25.8	2.9	42.9
51	21.9	14.2	54.2

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





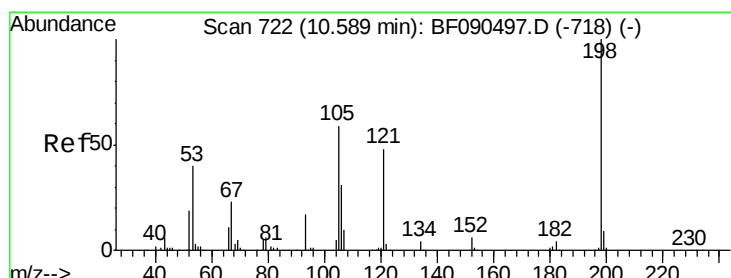
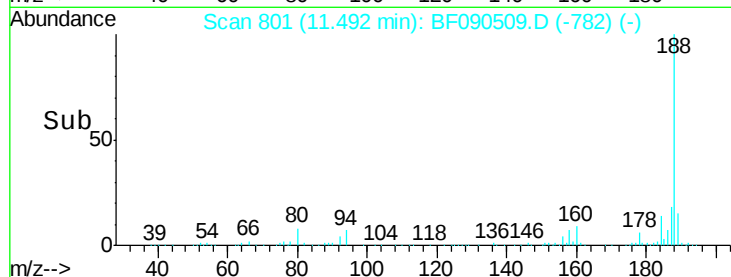
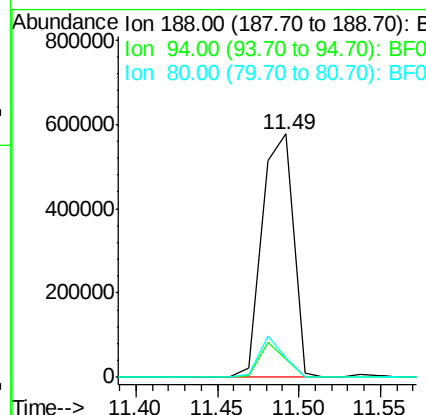
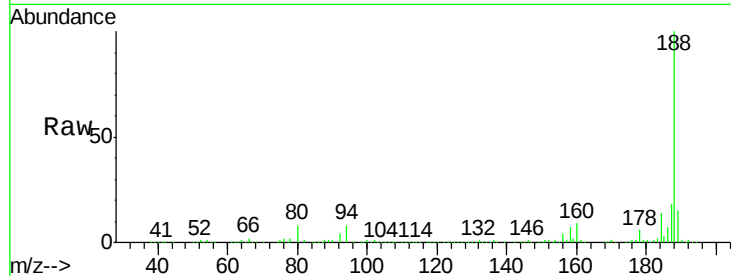
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB93889BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.5	8.2	12.2#
80	8.0	8.8	13.2#

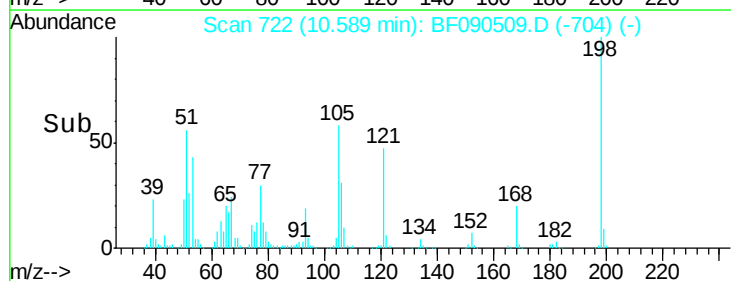
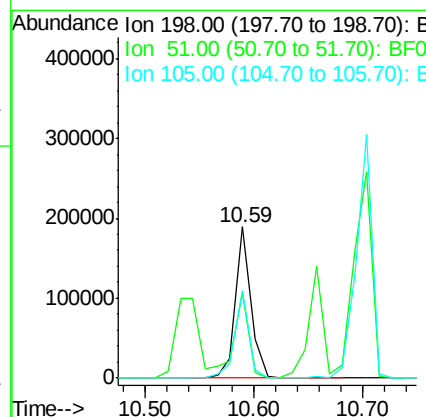
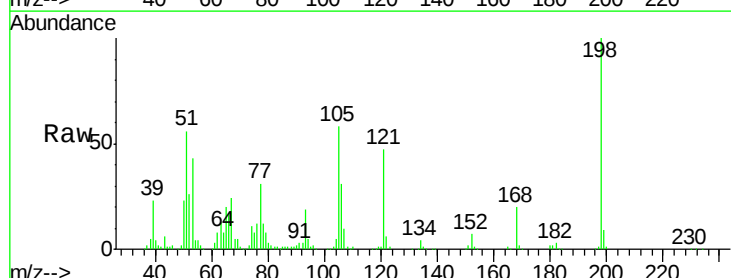
Manual Integrations
APPROVED

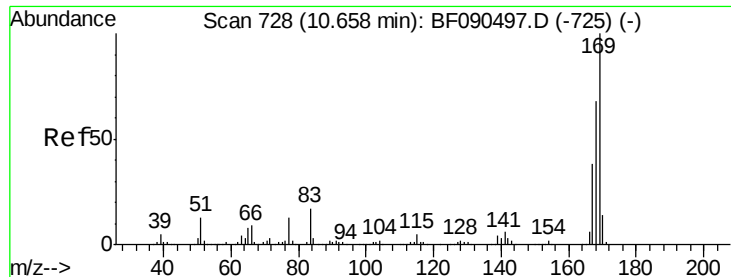
sohil
10/12/2016 4:09:25 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 35.90 ng
RT: 10.59 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	55.8	67.3	107.3#
105	57.6	42.6	82.6





#65

n-Nitrosodiphenylamine

Concen: 39.14 ng

RT: 10.66 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

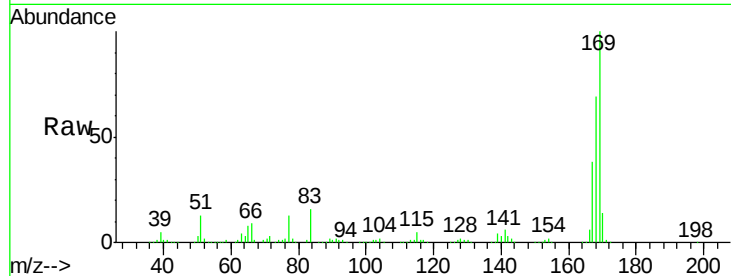
ClientSampled :

PB93889BS

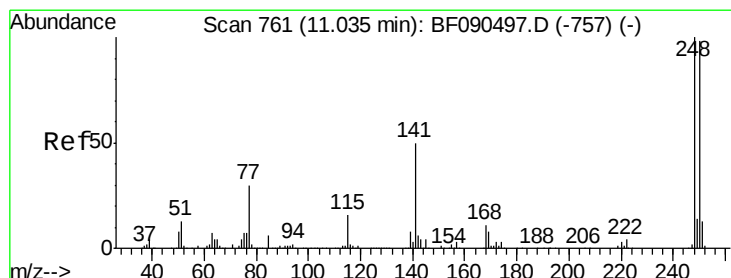
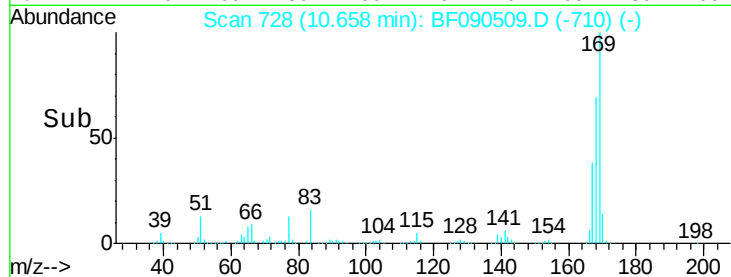
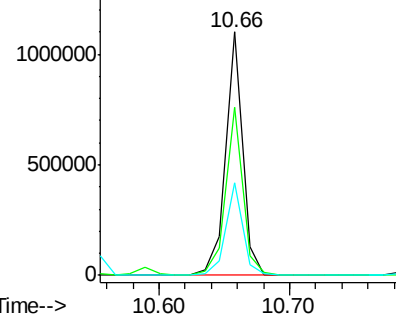
Tot Ion:	169	Resp:	983233
Ion Ratio	Lower	Upper	
169	100		
168	69.1	53.8	80.6
167	38.3	29.8	44.8

Manual Integrations
APPROVED

sohil
10/12/2016 4:09:25 PM



Abundance Ion 169.00 (168.70 to 169.70): E
1500000
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.88 ng

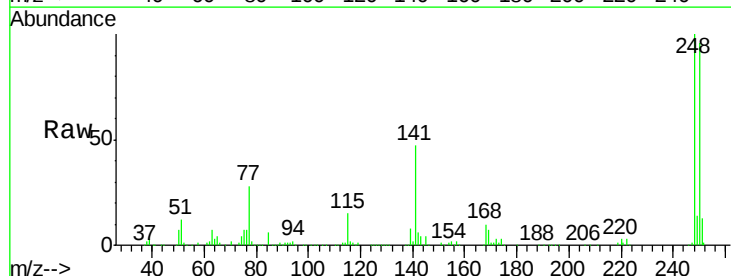
RT: 11.03 min Scan# 761

Delta R.T. 0.00 min

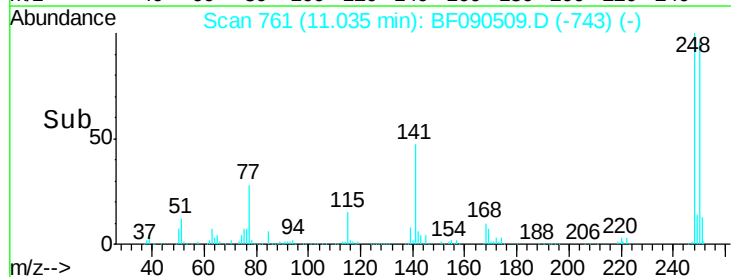
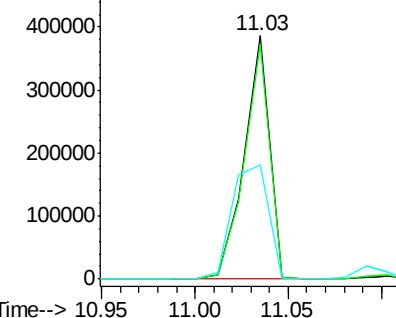
Lab File: BF090509.D

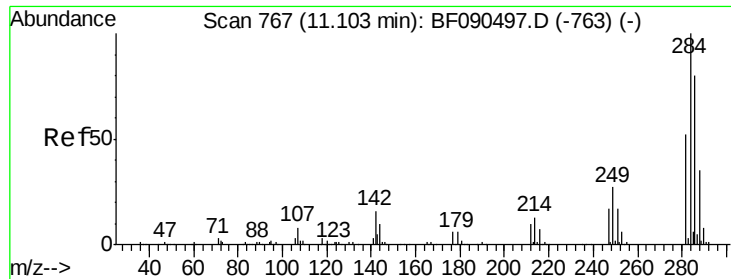
Acq: 11 Oct 2016 18:35

Tgt Ion:	248	Resp:	358469
Ion Ratio	Lower	Upper	
248	100		
250	96.4	76.5	114.7
141	47.1	59.8	89.6#



Abundance Ion 248.00 (247.70 to 248.70): E
500000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





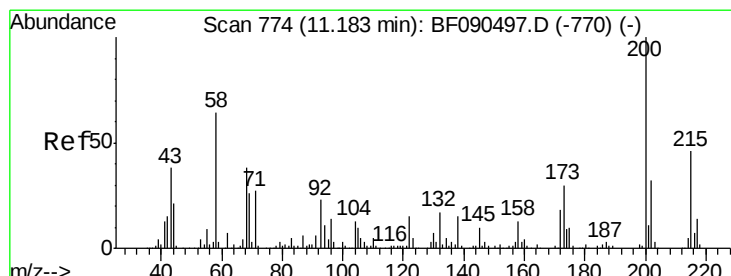
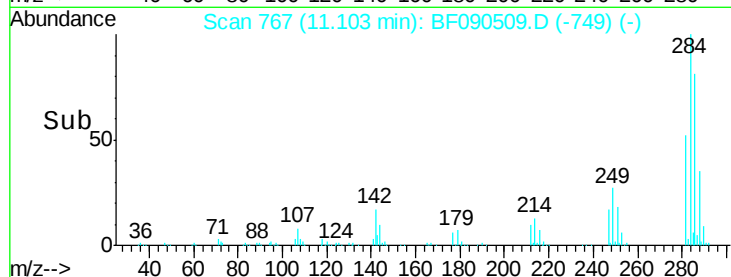
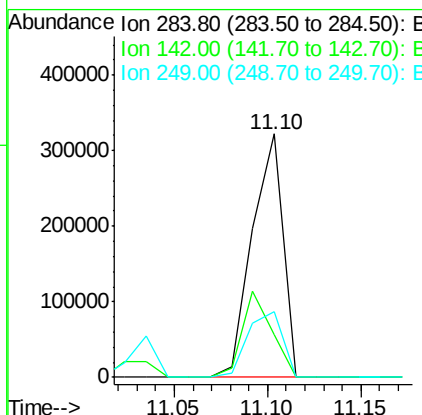
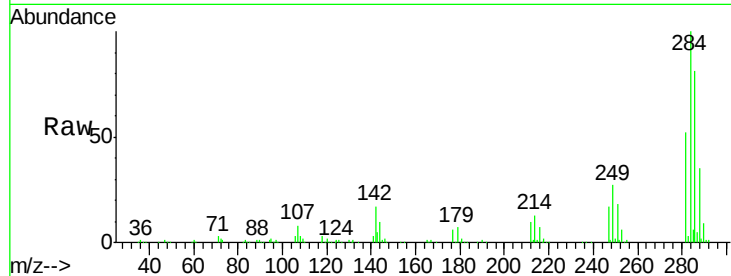
#67
Hexachlorobenzene
Concen: 38.87 ng
RT: 11.10 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB93889BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	367537		
142	17.3	23.1	34.7#	
249	27.0	26.3	39.5	

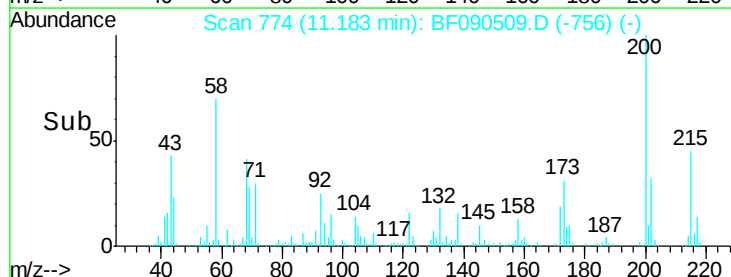
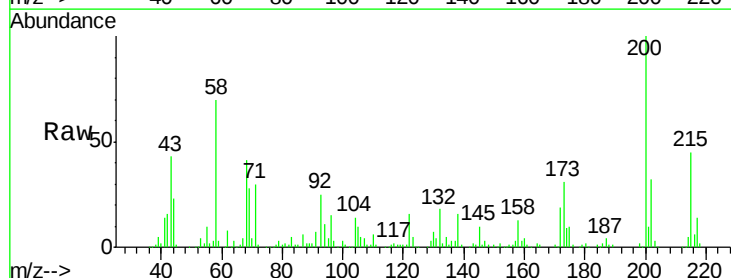
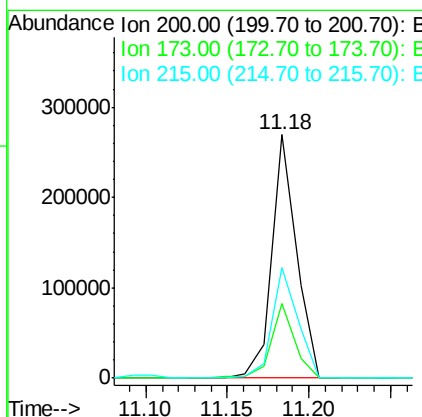
Manual Integrations
APPROVED

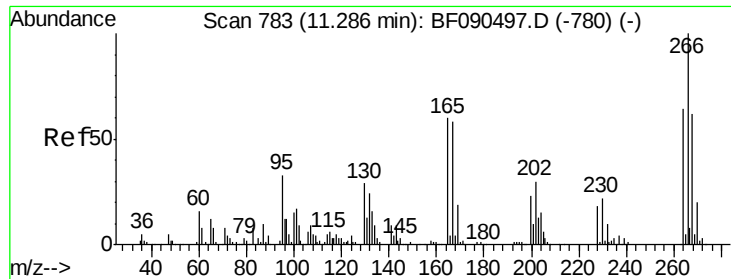
sohil
10/12/2016 4:09:25 PM



#68
Atrazine
Concen: 36.57 ng
RT: 11.18 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	284264		
173	30.9	9.0	49.0	
215	45.5	24.8	64.8	





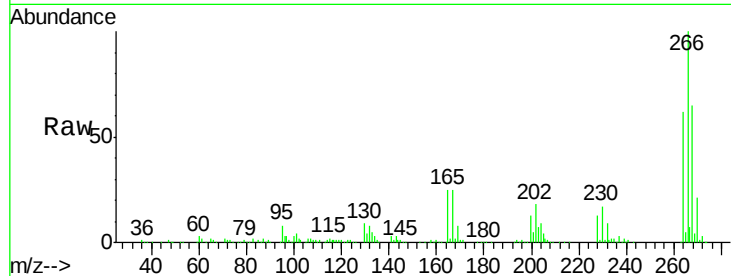
#69
 Pentachlorophenol
 Concen: 83.53 ng
 RT: 11.30 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB93889BS

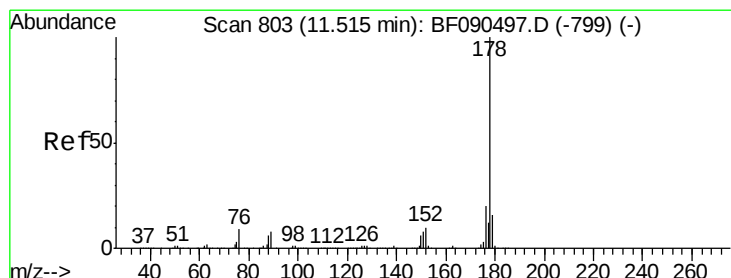
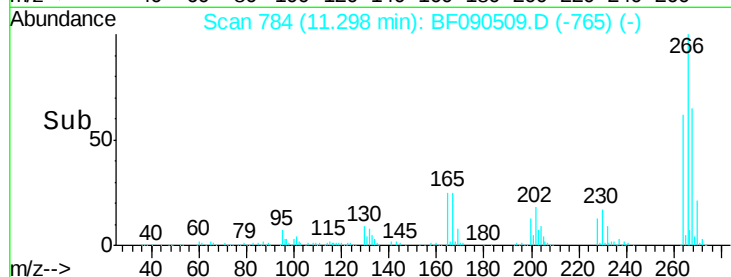
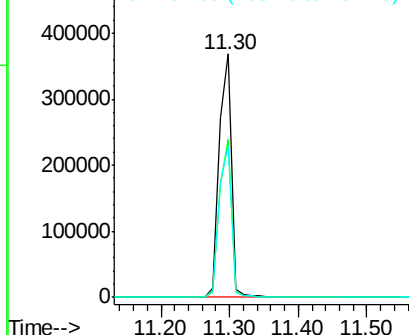
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.0	50.9	76.3
264	62.1	51.5	77.3

Manual Integrations
 APPROVED

sohil
 10/12/2016 4:09:25 PM

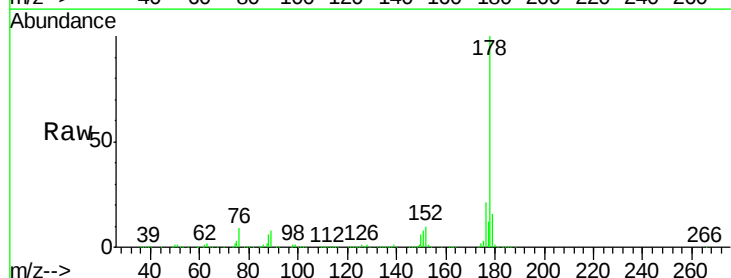


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

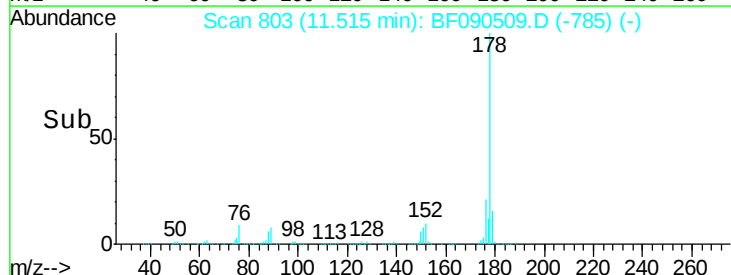
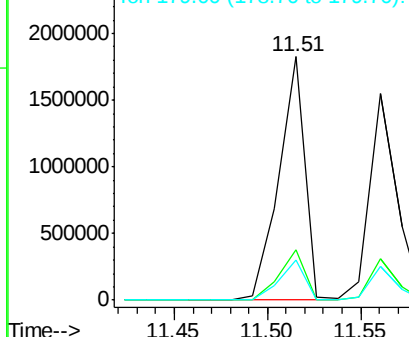


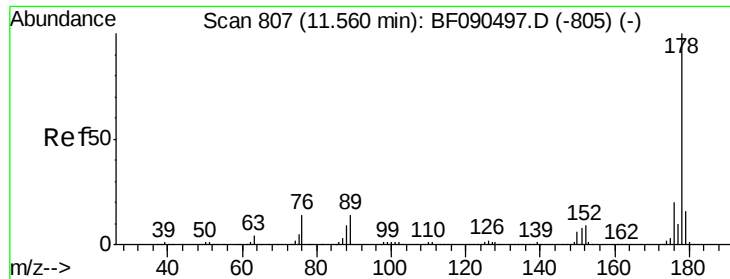
#70
 Phenanthrene
 Concen: 41.52 ng
 RT: 11.51 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	17.3	25.9
179	16.2	13.8	20.6



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





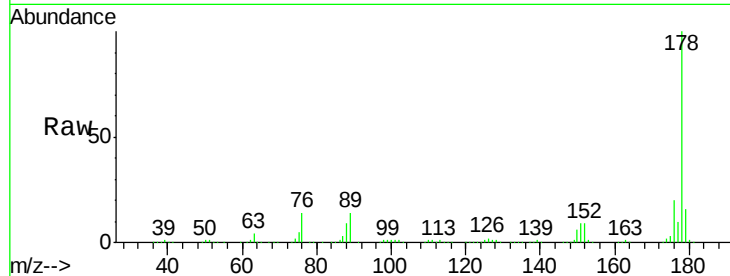
#71
 Anthracene
 Concen: 35.68 ng
 RT: 11.56 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB93889BS

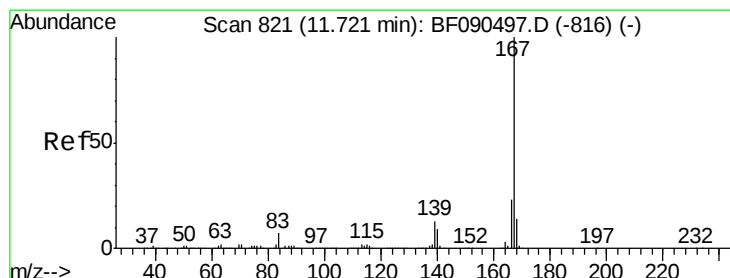
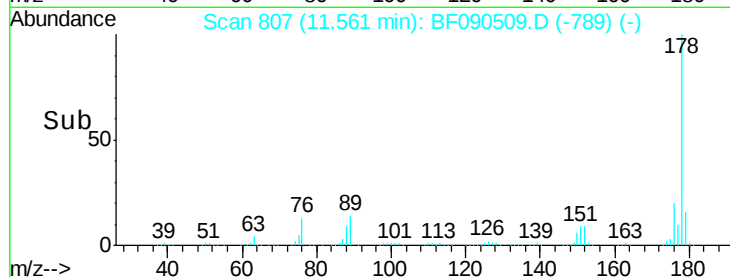
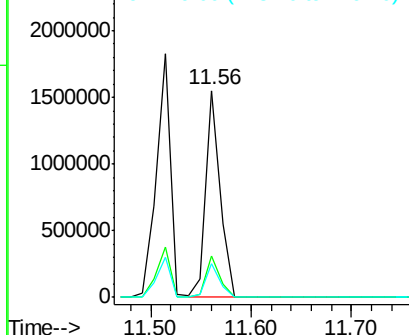
Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	20.1	16.8	25.2	
179	16.4	13.4	20.2	

Manual Integrations
 APPROVED

sohil
 10/12/2016 4:09:25 PM



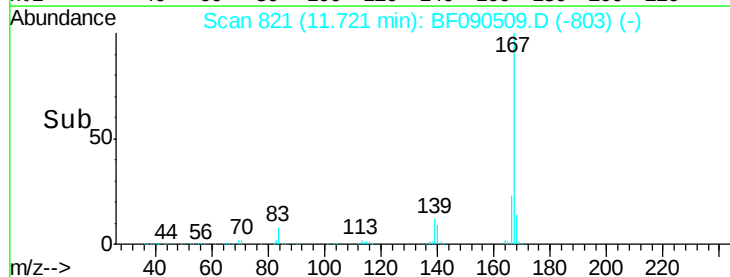
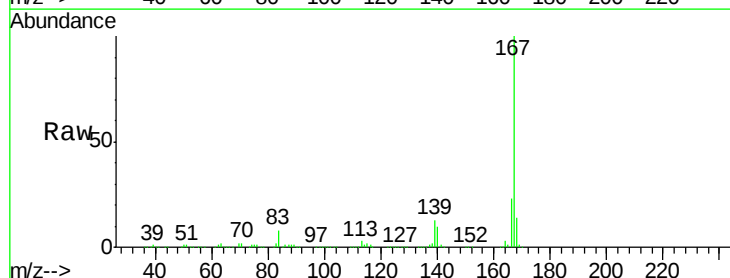
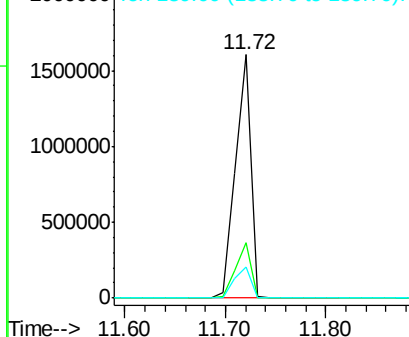
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

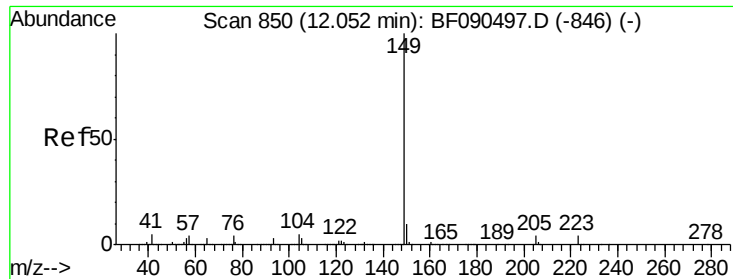


#72
 Carbazole
 Concen: 41.77 ng
 RT: 11.72 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.6	19.1	28.7	
139	12.9	12.1	18.1	

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





#73

Di-n-butylphthalate

Concen: 42.61 ng

RT: 12.05 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB93889BS

Tot Ion:149 Resp: 2090089

Ion Ratio Lower Upper

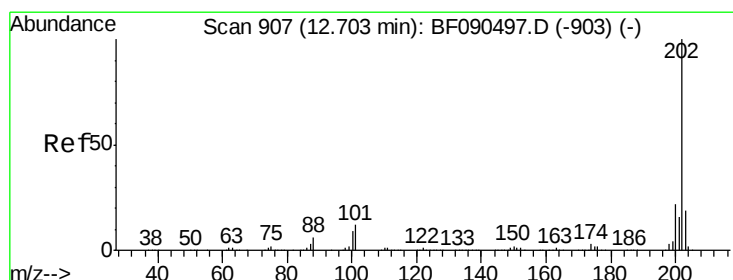
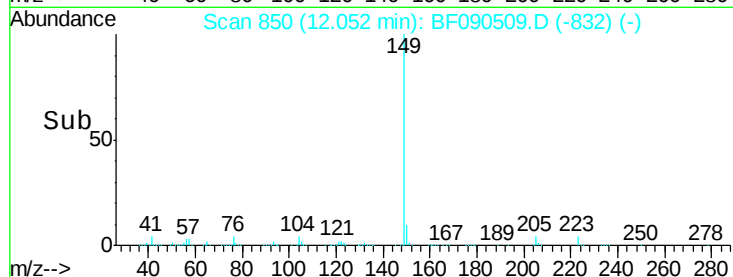
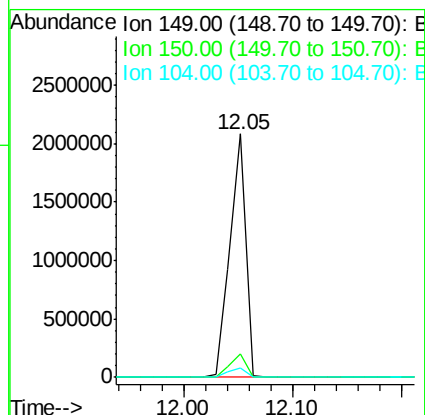
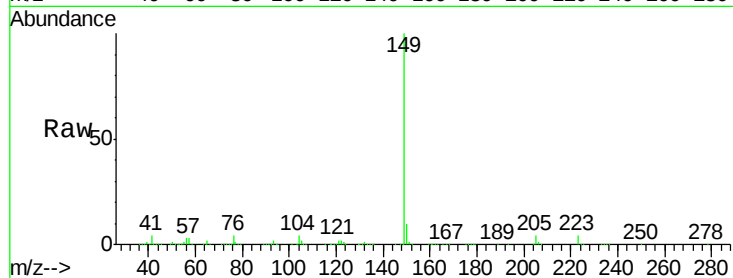
149 100

150 9.7 8.6 12.8

104 4.1 4.7 7.1#

Manual Integrations
APPROVED

sohil
10/12/2016 4:09:25 PM



#74

Fluoranthene

Concen: 43.81 ng

RT: 12.70 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

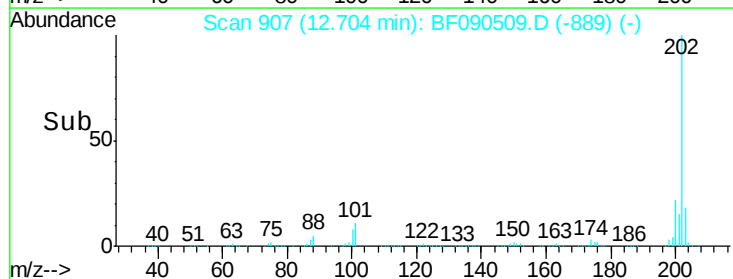
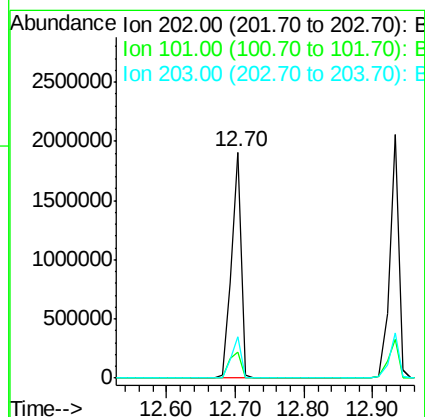
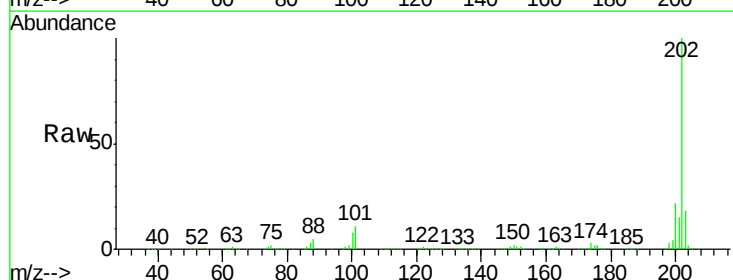
Tgt Ion:202 Resp: 1903813

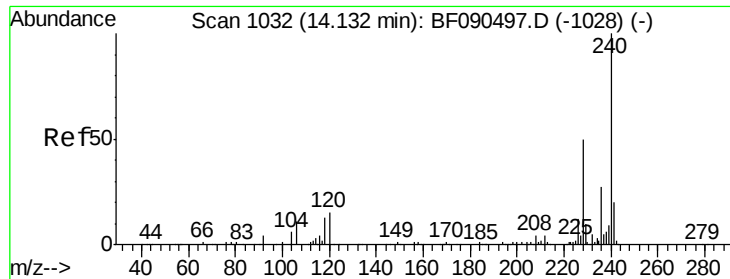
Ion Ratio Lower Upper

202 100

101 11.3 0.0 37.2

203 18.4 0.0 39.3





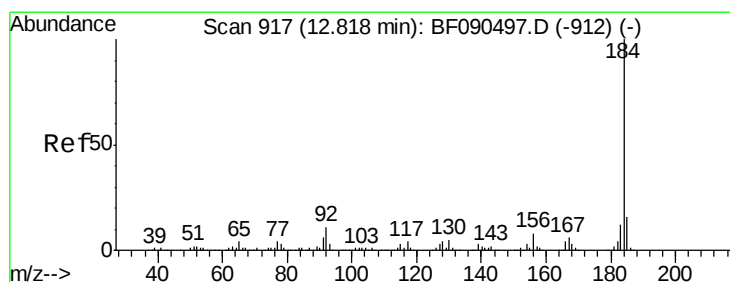
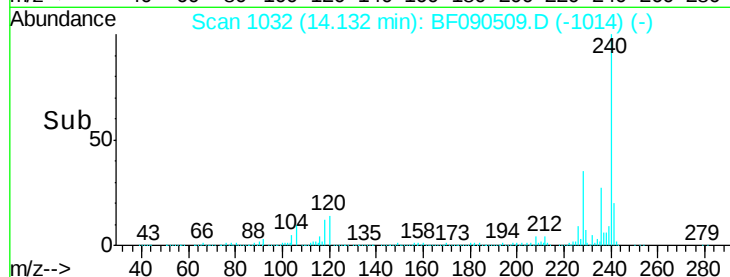
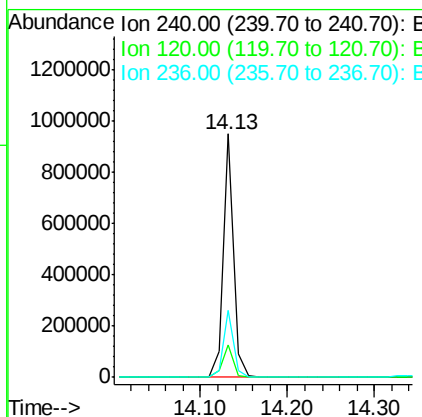
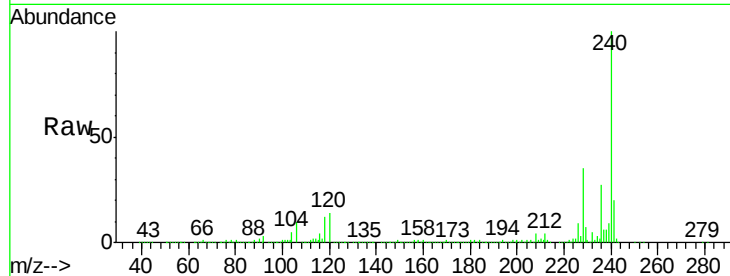
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB93889BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.6	8.6	13.0
236	27.3	21.6	32.4

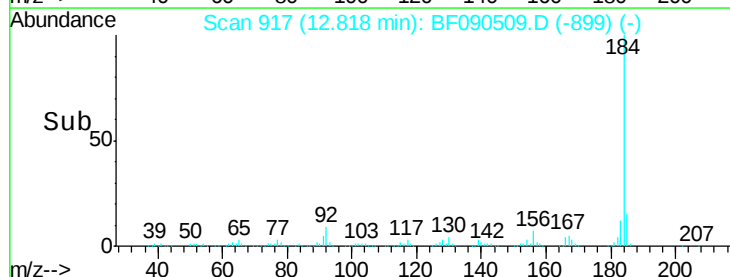
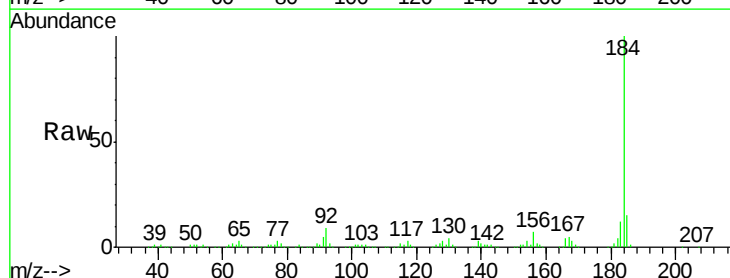
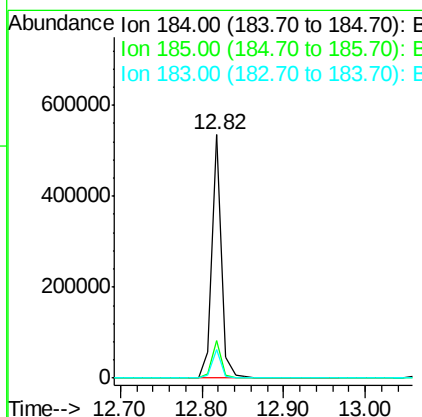
Manual Integrations
APPROVED

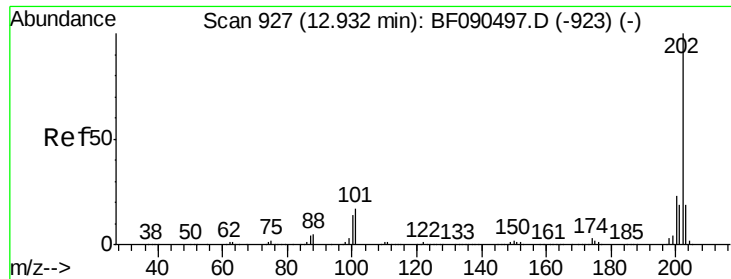
sohil
10/12/2016 4:09:25 PM



#76
Benzidine
Concen: 18.01 ng
RT: 12.82 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.8	17.8
183	11.7	9.6	14.4





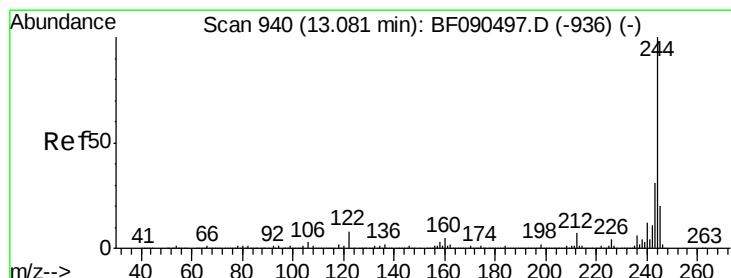
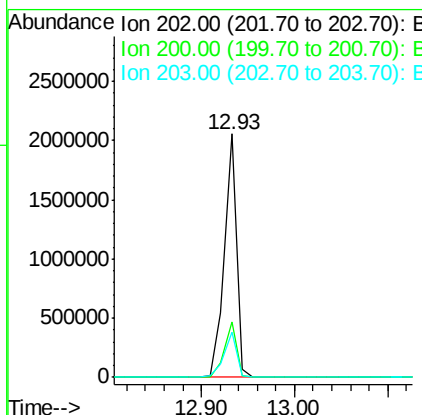
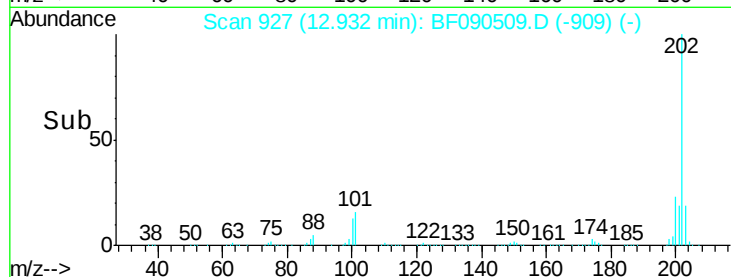
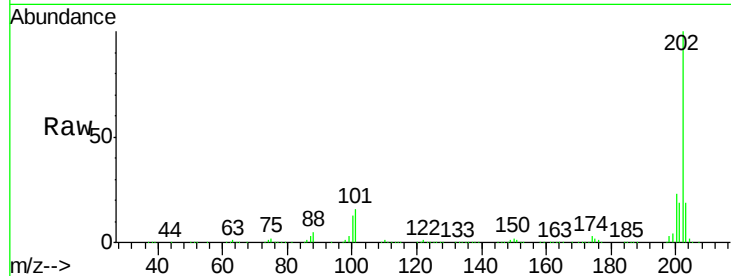
#77
Pvrene
Concen: 37.06 ng
RT: 12.93 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB93889BS

Tot Ion:202 Resp: 1848956
Ion Ratio Lower Upper
202 100
200 22.6 18.5 27.7
203 18.6 15.0 22.6

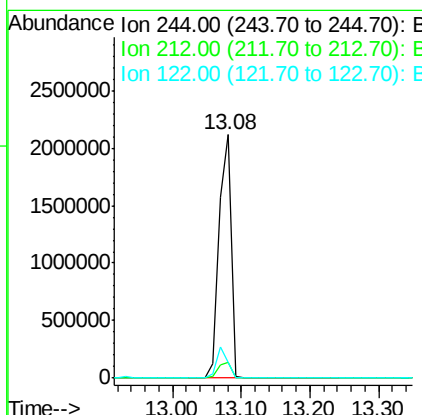
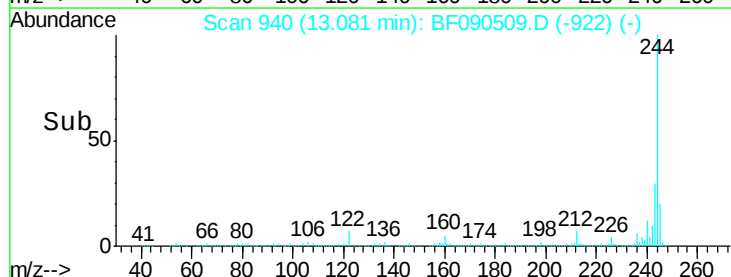
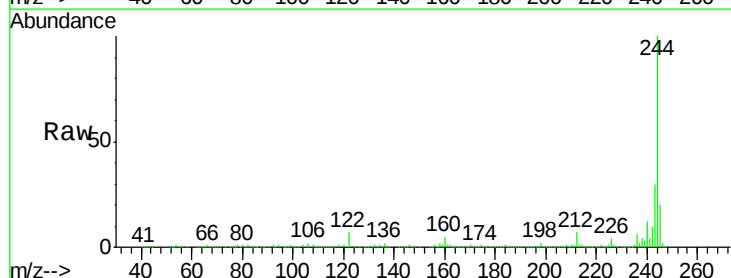
Manual Integrations
APPROVED

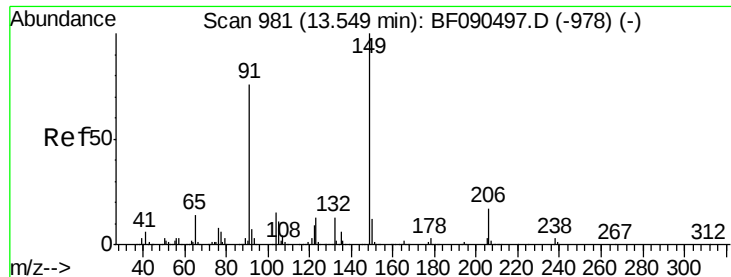
sohil
10/12/2016 4:09:25 PM



#78
Terphenyl-d14
Concen: 80.72 ng
RT: 13.08 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion:244 Resp: 2632629
Ion Ratio Lower Upper
244 100
212 6.6 6.8 10.2#
122 6.7 13.3 19.9#





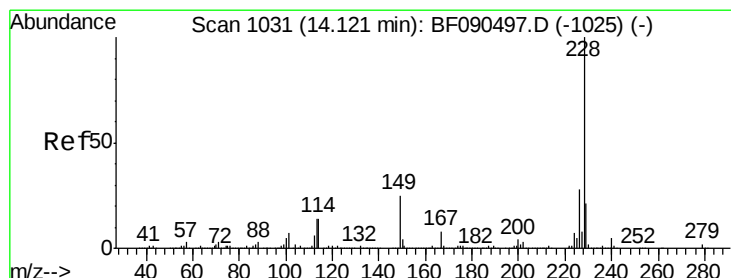
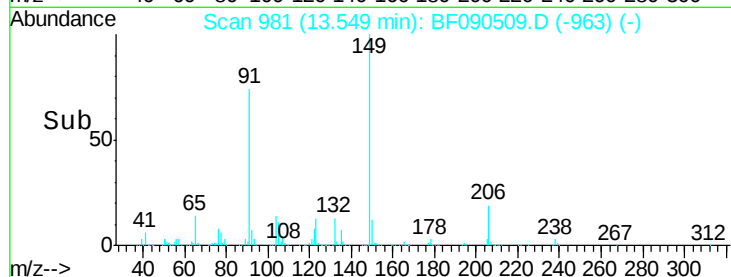
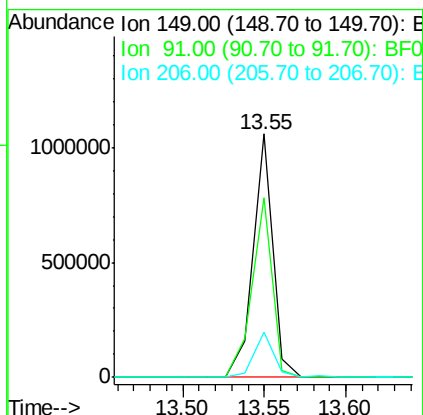
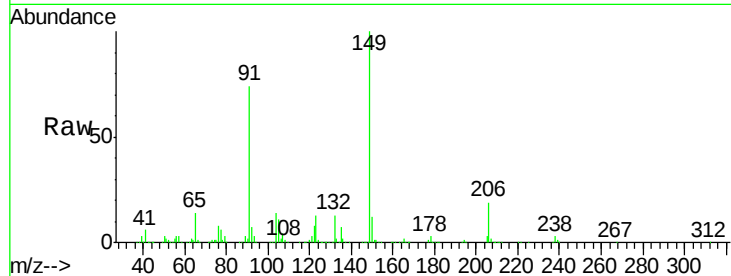
#79
Butylbenzylphthalate
Concen: 38.20 ng
RT: 13.55 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB93889BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	892137		
91	73.7	51.8	77.8	
206	18.7	18.0	27.0	

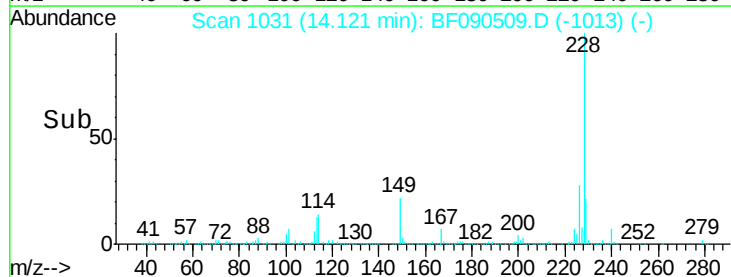
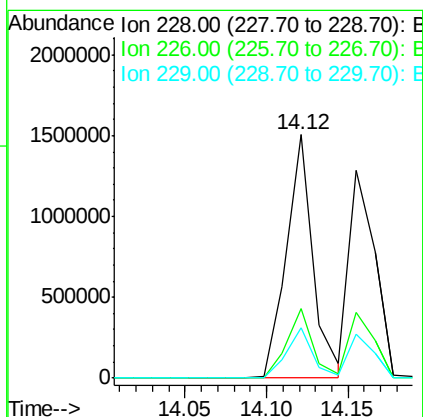
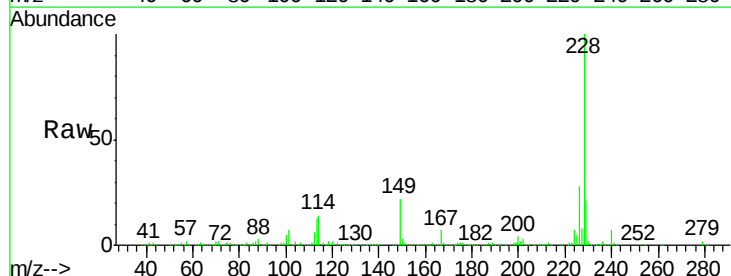
Manual Integrations
APPROVED

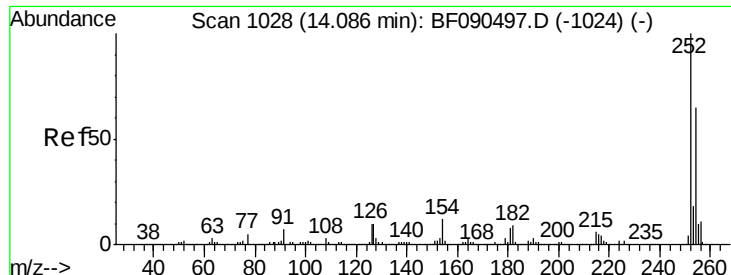
sohil
10/12/2016 4:09:25 PM



#80
Benzo(a)anthracene
Concen: 36.17 ng
RT: 14.12 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1718151		
226	28.4	23.6	35.4	
229	20.7	16.6	25.0	





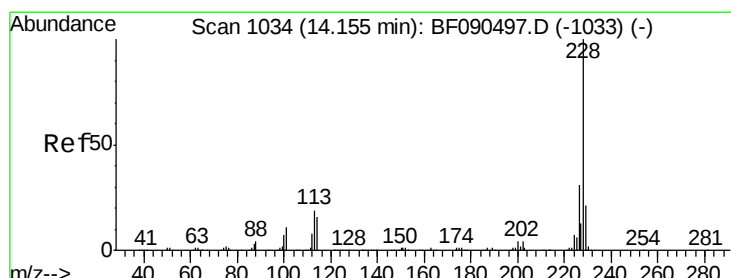
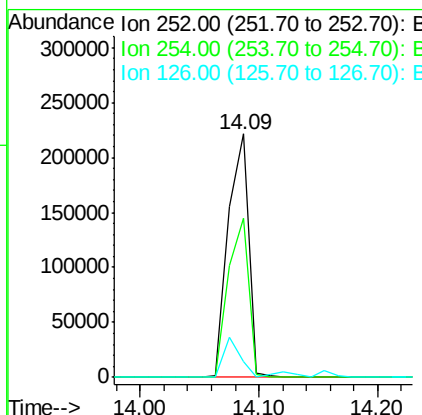
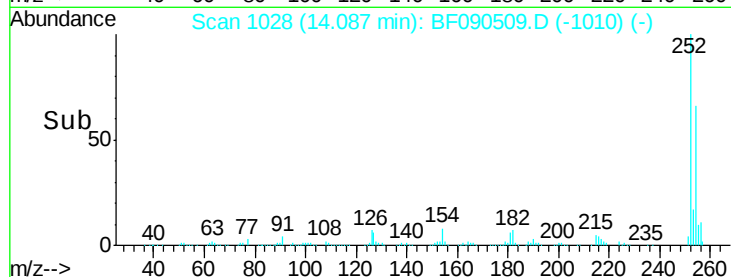
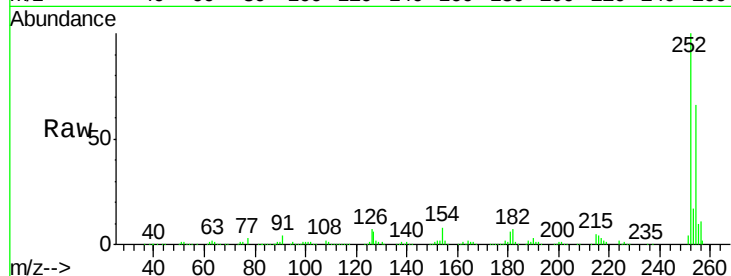
#81
 3,3'-Dichlorobenzidine
 Concen: 15.46 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB93889BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.6	52.1	78.1
126	6.5	4.2	6.4

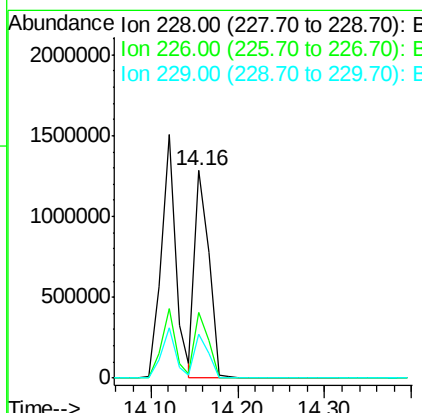
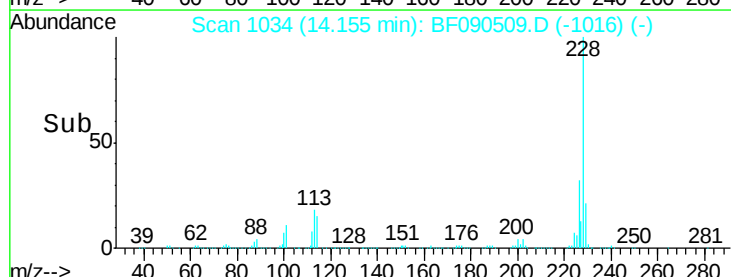
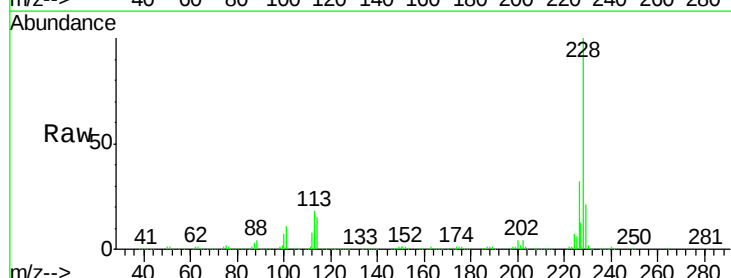
Manual Integrations
 APPROVED

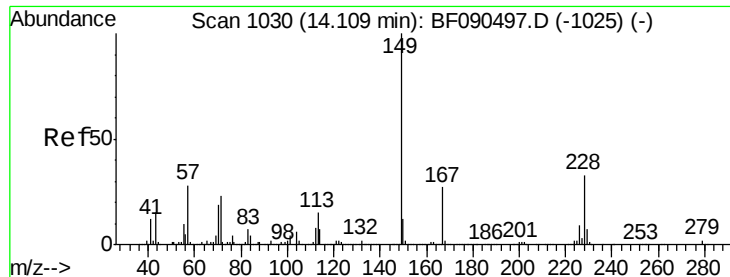
sohil
 10/12/2016 4:09:25 PM



#82
 Chrysene
 Concen: 32.60 ng
 RT: 14.16 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.9	25.8	38.6
229	21.2	16.9	25.3





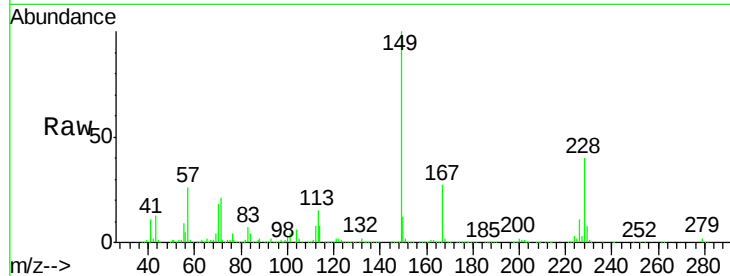
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.02 ng
 RT: 14.11 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB93889BS

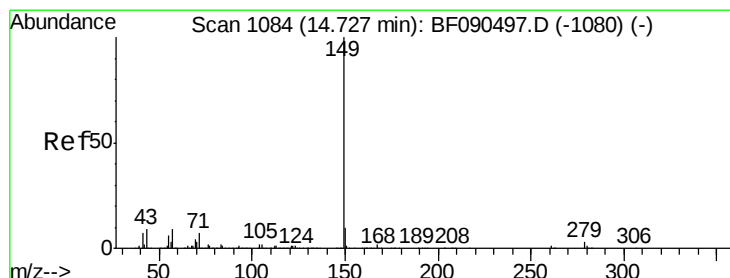
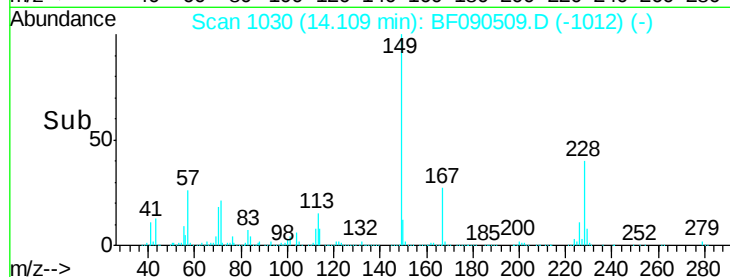
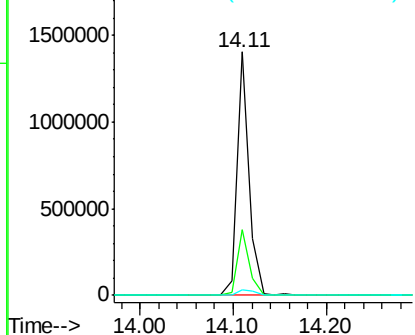
Tot Ion:149 Resp: 1261723
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.5 32.3
 279 2.4 2.6 3.8#

Manual Integrations
 APPROVED

sohil
 10/12/2016 4:09:25 PM

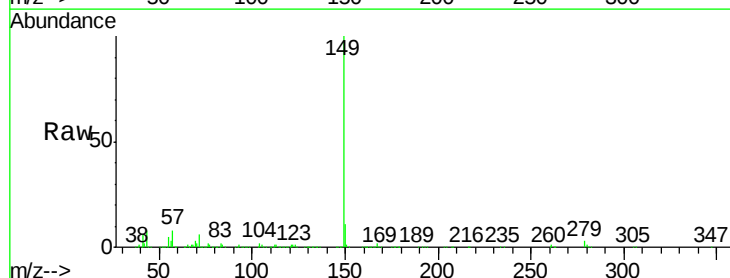


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

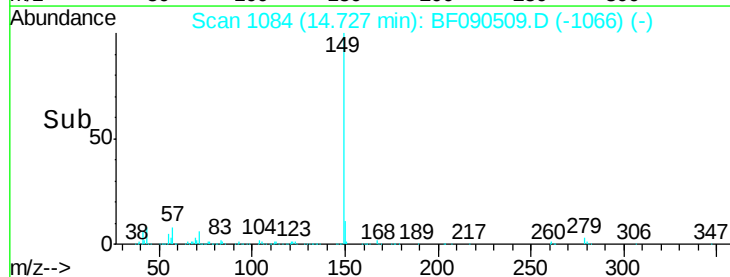
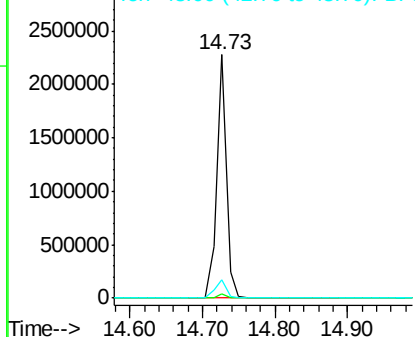


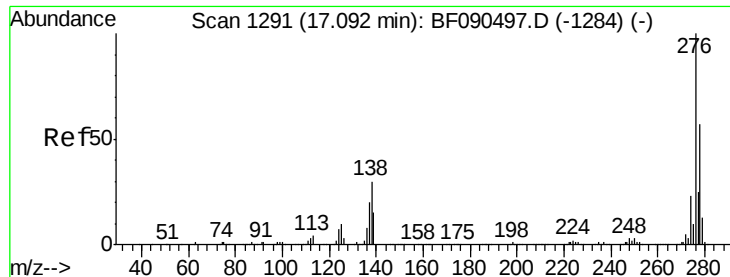
#84
 Di-n-octyl phthalate
 Concen: 39.64 ng
 RT: 14.73 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Tgt Ion:149 Resp: 2092239
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 8.7 11.8 17.8#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 30.59 ng

RT: 17.08 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB93889BS

Tot Ion:276 Resp: 1126340

Ion Ratio Lower Upper

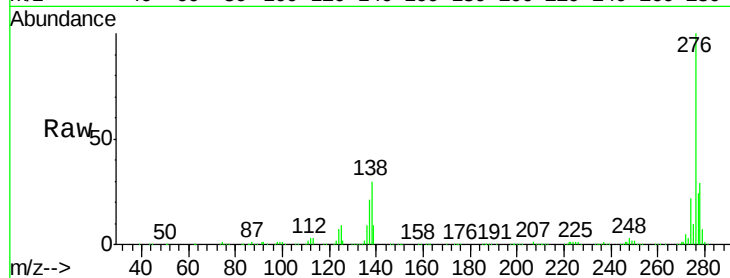
276 100

138 32.9 23.8 35.8

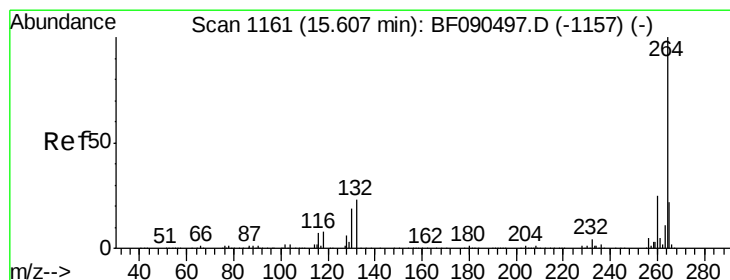
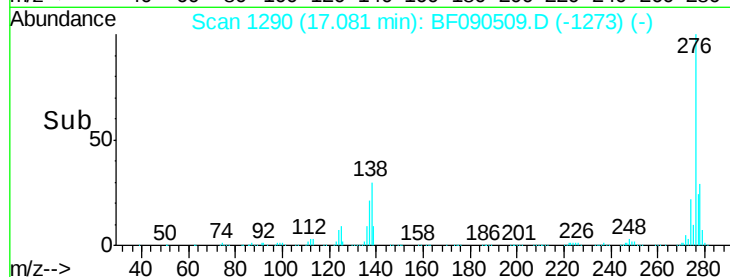
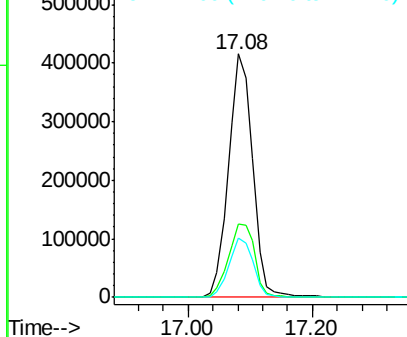
277 25.0 20.4 30.6

Manual Integrations
APPROVED

sohil
10/12/2016 4:09:25 PM



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.61 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

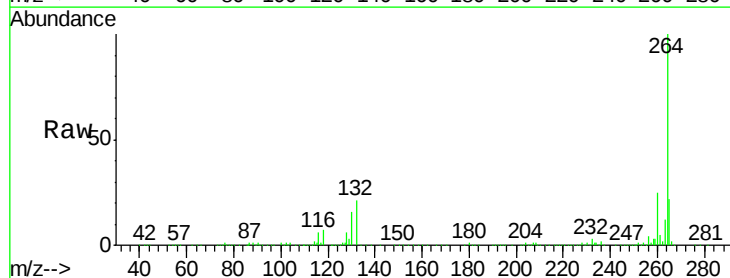
Tgt Ion:264 Resp: 556703

Ion Ratio Lower Upper

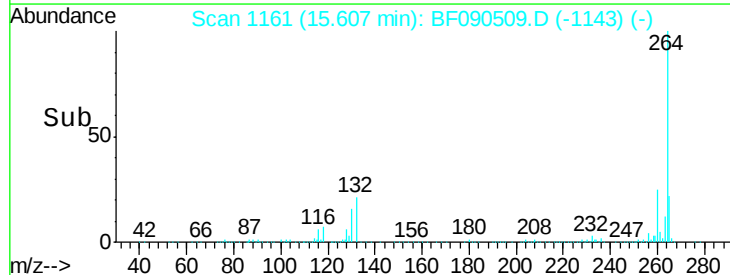
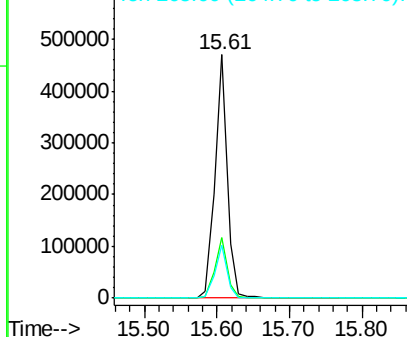
264 100

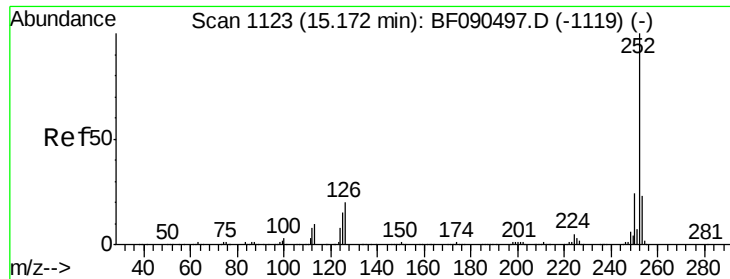
260 25.0 19.3 28.9

265 21.9 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





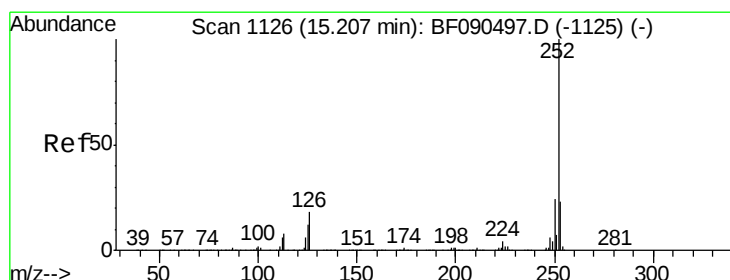
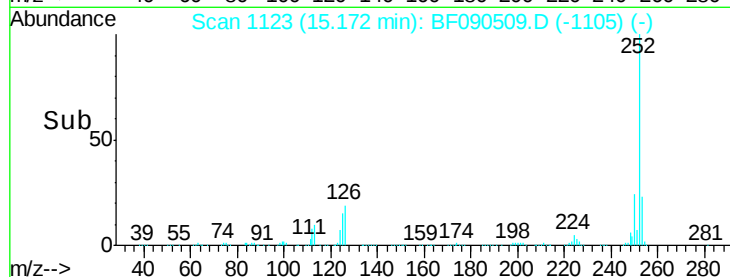
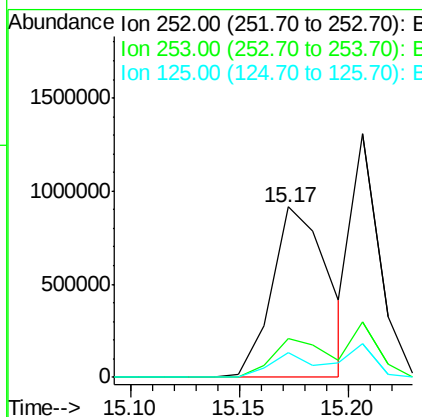
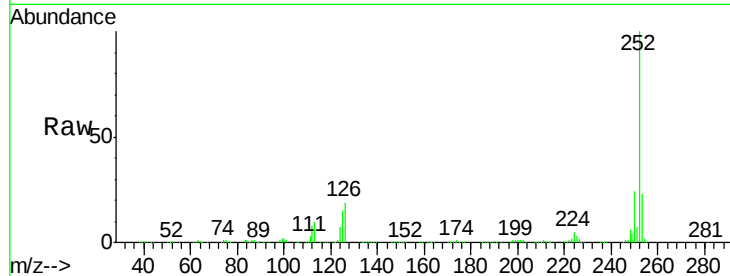
#87
Benzo(b)fluoranthene
Concen: 44.88 ng
RT: 15.17 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB93889BS

Tot Ion:252 Resp: 1648494
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 14.5 7.0 10.4#

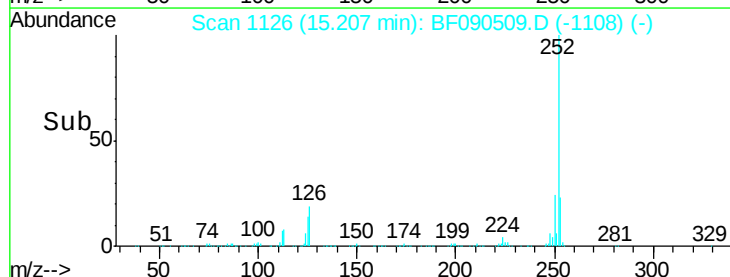
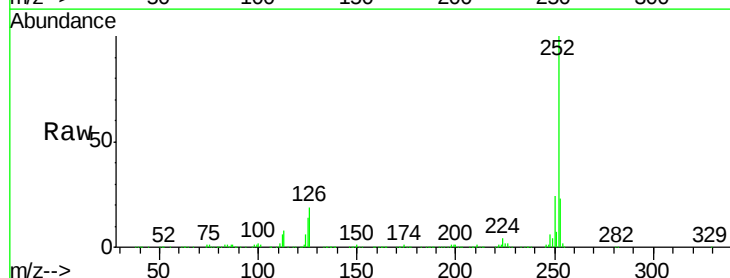
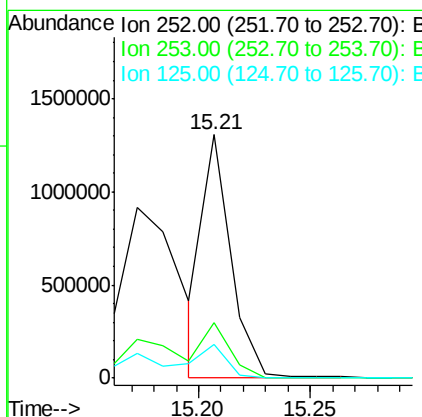
Manual Integrations
APPROVED

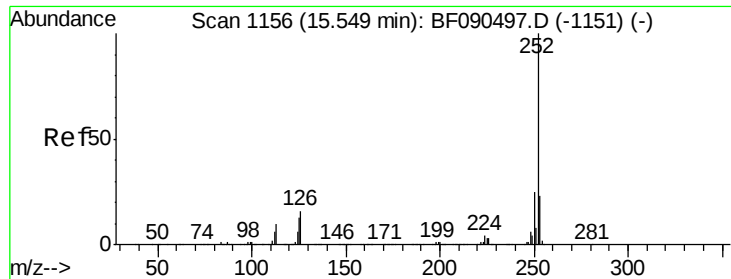
sohil
10/12/2016 4:09:25 PM



#88
Benzo(k)fluoranthene
Concen: 35.34 ng m
RT: 15.21 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion:252 Resp: 1156309
Ion Ratio Lower Upper
252 100
253 23.0 18.6 27.8
125 13.6 11.7 17.5





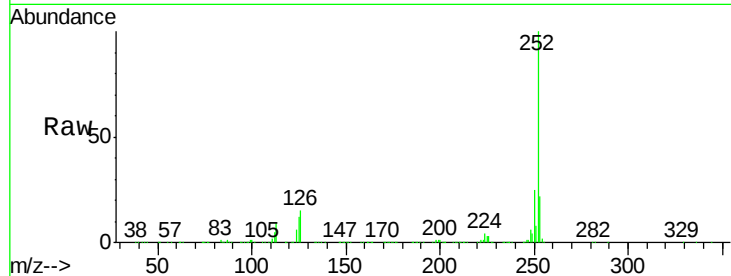
#89
Benzo(a)pyrene
Concen: 40.71 ng
RT: 15.55 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Instrument :
BNA_F
ClientSampled :
PB93889BS

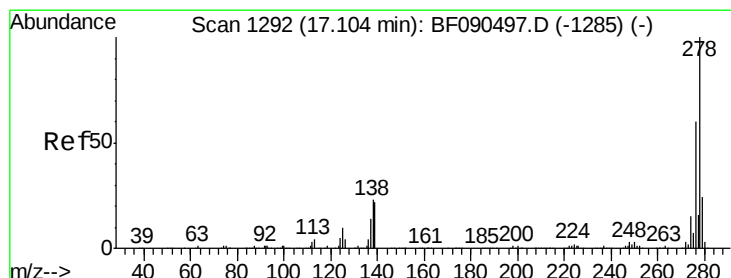
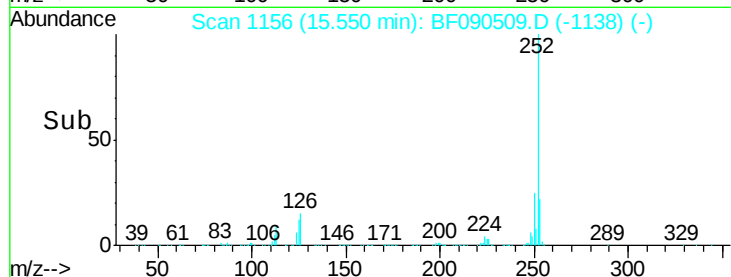
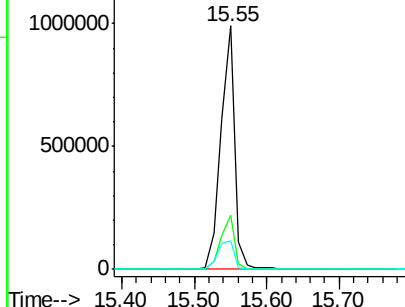
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	11.9	9.8	14.8

Manual Integrations
APPROVED

sohil
10/12/2016 4:09:25 PM



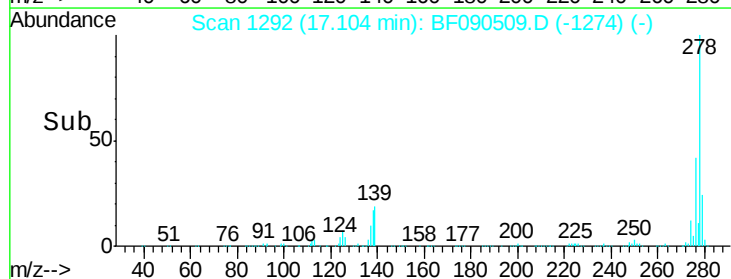
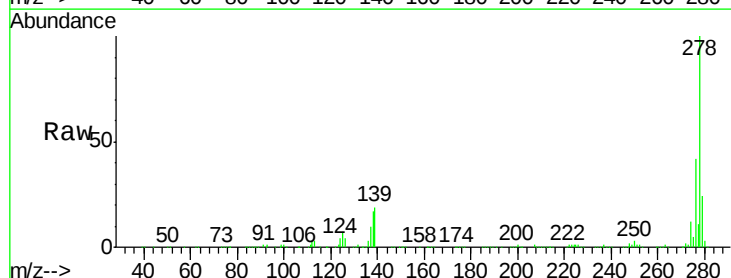
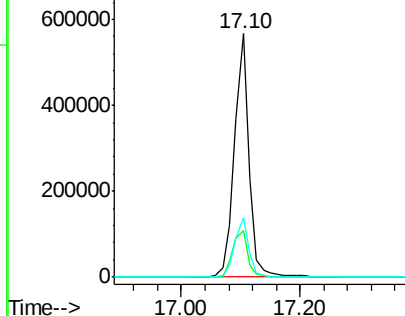
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

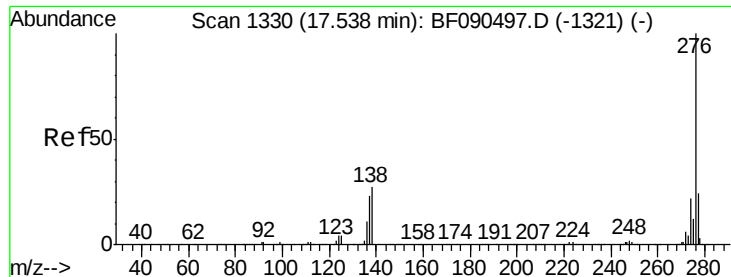


#90
Dibenzo(a,h)anthracene
Concen: 35.21 ng
RT: 17.10 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.3	12.8	19.2#
279	24.1	19.6	29.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 34.68 ng
 RT: 17.53 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB93889BS

Tot Ion:	276	Resp:	878836
Ion Ratio		Lower	Upper
276	100		
277	24.1	19.4	29.0
138	30.2	20.8	31.2

Manual Integrations
 APPROVED

sohil
 10/12/2016 4:09:25 PM

