

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
 Data File : BF090531.D
 Acq On : 12 Oct 2016 13:18
 Operator : UM/SJ
 Sample : PB93973BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93973BS

Manual Integrations
 APPROVED

sohil
 10/13/2016 2:04:32 PM

Quant Time: Oct 12 16:08:06 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	223935	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	948879	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	506670	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	836824	20.00	ng	0.00
75) Chrysene-d12	14.13	240	764485	20.00	ng	0.00
86) Perylene-d12	15.61	264	534242	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1646324	114.37	ng	0.02
7) Phenol-d6	6.60	99	2158260	118.82	ng	0.01
23) Nitrobenzene-d5	7.51	82	1271960	72.71	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	661013	131.61	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2491751	82.64	ng	0.00
78) Terphenyl-d14	13.07	244	2267112	72.47	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	197022	27.90	ng	# 82
3) Pyridine	3.48	79	574217m	29.43	ng	
4) n-Nitrosodimethylamine	3.42	42	216075m	33.78	ng	
6) Aniline	6.62	93	440874	19.13	ng	# 68
8) 2-Chlorophenol	6.74	128	610299	39.86	ng	99
9) Benzaldehyde	6.50	77	162541	14.20	ng	98
10) Phenol	6.61	94	802060	39.14	ng	94
11) bis(2-Chloroethyl)ether	6.69	93	626759	40.87	ng	90
12) 1,3-Dichlorobenzene	6.89	146	612398m	37.07	ng	
13) 1,4-Dichlorobenzene	6.97	146	661380	39.24	ng	98
14) 1,2-Dichlorobenzene	7.13	146	598187	39.05	ng	95
15) Benzyl Alcohol	7.09	79	505806	36.27	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	727438	33.10	ng	67
17) 2-Methylphenol	7.22	107	511352	41.06	ng	97
18) Hexachloroethane	7.46	117	233078	37.47	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	475066	41.01	ng	# 78
20) 3+4-Methylphenols	7.37	107	658266	41.75	ng	# 84
22) Acetophenone	7.37	105	841379	40.28	ng	# 92
24) Nitrobenzene	7.54	77	672339	35.83	ng	# 88
25) Isophorone	7.78	82	1225102	38.48	ng	97
26) 2-Nitrophenol	7.85	139	324280	37.88	ng	# 80
27) 2,4-Dimethylphenol	7.89	122	570261	39.19	ng	97
28) bis(2-Chloroethoxy)methane	7.98	93	757782	38.54	ng	# 97
29) 2,4-Dichlorophenol	8.10	162	499684	41.05	ng	92
30) 1,2,4-Trichlorobenzene	8.18	180	531485	38.01	ng	98
31) Naphthalene	8.26	128	1730765	36.61	ng	99
32) Benzoic acid	8.03	122	332832	28.98	ng	94
33) 4-Chloroaniline	8.31	127	233983	11.69	ng	# 89
34) Hexachlorobutadiene	8.37	225	276200	35.33	ng	99
35) Caprolactam	8.68	113	181508m	46.00	ng	
36) 4-Chloro-3-methylphenol	8.81	107	571464	40.21	ng	91
37) 2-Methylnaphthalene	8.95	142	1208929	38.10	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	500256	35.27	ng	97
40) Hexachlorocyclopentadiene	9.10	237	605939	86.06	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
 Data File : BF090531.D
 Acq On : 12 Oct 2016 13:18
 Operator : UM/SJ
 Sample : PB93973BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93973BS

Manual Integrations
 APPROVED

sohil
 10/13/2016 2:04:32 PM

Quant Time: Oct 12 16:08:06 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	353755	36.99	nq	97
43) 2,4,5-Trichlorophenol	9.27	196	367345	38.81	nq	97
45) 1,1'-Biphenyl	9.41	154	1378557	35.62	nq	96
46) 2-Chloronaphthalene	9.45	162	1140925	39.63	nq	93
47) 2-Nitroaniline	9.54	65	351575	34.23	nq	97
48) Acenaphthylene	9.86	152	1666113	35.87	nq	99
49) Dimethylphthalate	9.72	163	1339768	39.32	nq	99
50) 2,6-Dinitrotoluene	9.78	165	283199	37.64	nq	89
51) Acenaphthene	10.03	154	1142190	36.69	nq	98
52) 3-Nitroaniline	9.95	138	147986	15.85	nq	97
53) 2,4-Dinitrophenol	10.05	184	191332	45.83	nq #	82
54) Dibenzofuran	10.20	168	1469770	35.48	nq	95
55) 4-Nitrophenol	10.13	139	513654	70.81	nq	86
56) 2,4-Dinitrotoluene	10.19	165	430897	43.30	nq #	82
57) Fluorene	10.54	166	1177301	34.81	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	315066	39.91	nq	95
59) Diethylphthalate	10.42	149	1289280	37.20	nq	93
60) 4-Chlorophenyl-phenylether	10.53	204	568417	36.43	nq	91
61) 4-Nitroaniline	10.58	138	302767	31.79	nq	85
62) Azobenzene	10.69	77	1418454	37.48	nq	89
64) 4,6-Dinitro-2-methylphenol	10.59	198	148247	26.52	nq #	84
65) n-Nitrosodiphenylamine	10.66	169	1080212	39.70	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	346787	37.40	nq #	87
67) Hexachlorobenzene	11.09	284	380489	37.15	nq #	88
68) Atrazine	11.18	200	310025	36.81	nq	97
69) Pentachlorophenol	11.30	266	427916	70.21	nq	98
70) Phenanthrene	11.51	178	1820067	39.46	nq	96
71) Anthracene	11.56	178	1809865	38.74	nq	99
72) Carbazole	11.72	167	1786621	40.49	nq	97
73) Di-n-butylphthalate	12.04	149	1903372	35.82	nq	98
74) Fluoranthene	12.70	202	1864791	39.61	nq	89
76) Benzidine	12.82	184	463383	19.29	nq	99
77) Pyrene	12.93	202	1944573	40.64	nq	99
79) Butylbenzylphthalate	13.55	149	909404	40.60	nq	93
80) Benzo(a)anthracene	14.12	228	1697287	37.25	nq	98
81) 3,3'-Dichlorobenzidine	14.09	252	284023	17.32	nq	99
82) Chrysene	14.16	228	1526146	35.99	nq	100
83) Bis(2-ethylhexyl)phthalate	14.11	149	1233743	37.74	nq #	96
84) Di-n-octyl phthalate	14.72	149	1944275	38.40	nq #	85
85) Indeno(1,2,3-cd)pyrene	17.08	276	1155770	32.73	nq	98
87) Benzo(b)fluoranthene	15.17	252	1390264	39.44	nq #	97
88) Benzo(k)fluoranthene	15.21	252	1439674m	45.85	nq	
89) Benzo(a)pyrene	15.54	252	1269964	41.03	nq #	97
90) Dibenzo(a,h)anthracene	17.09	278	984114	37.43	nq #	94
91) Benzo(g,h,i)perylene	17.53	276	891422	36.66	nq	99

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

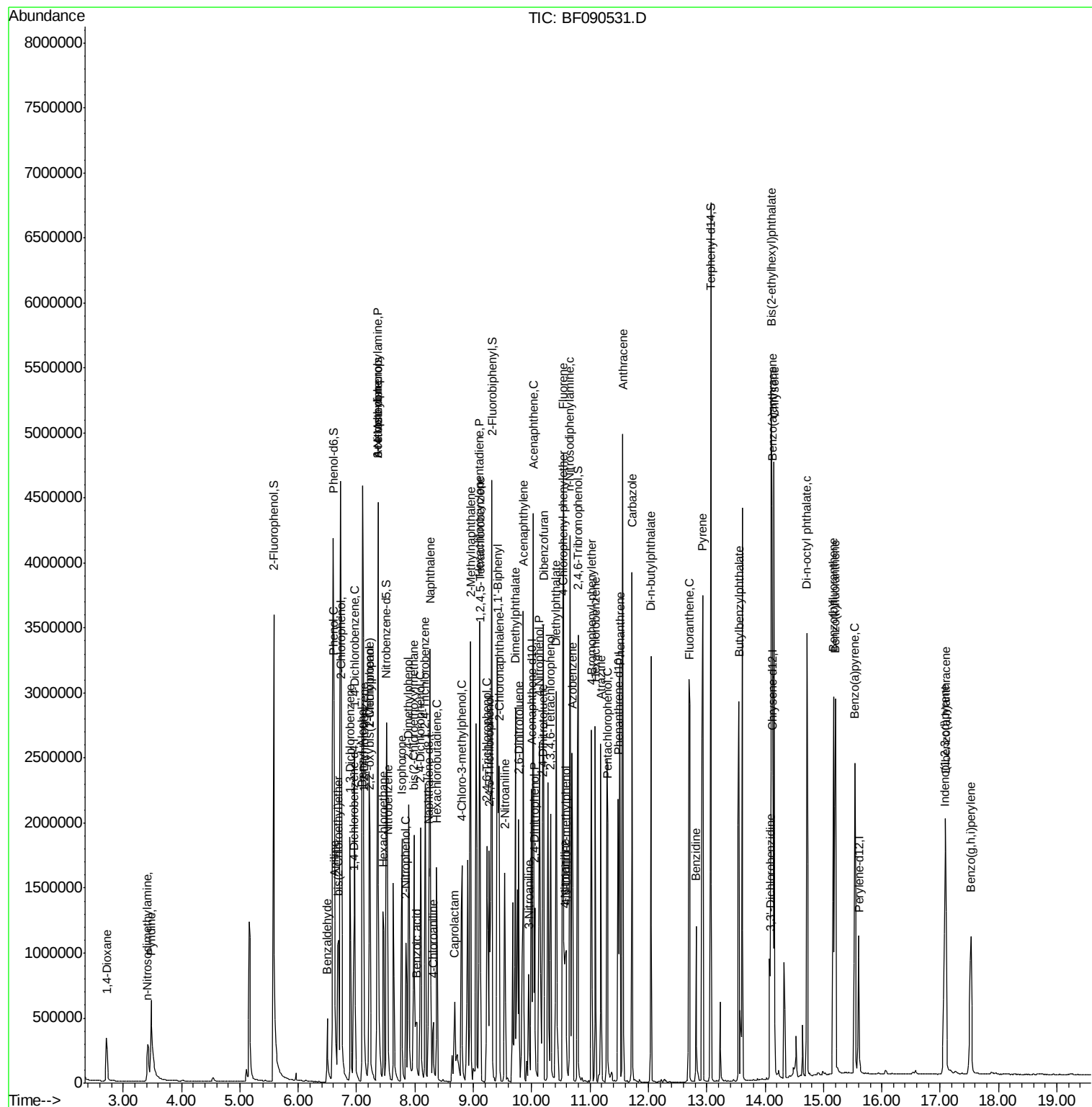
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090531.D
Acq On : 12 Oct 2016 13:18
Operator : UM/SJ
Sample : PB93973BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

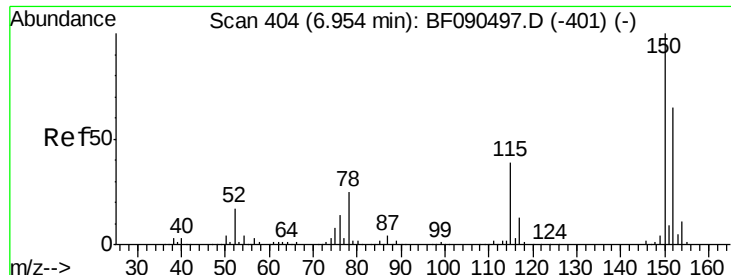
Instrument :
BNA_F
ClientSampled :
PB93973BS

Manual Integrations
APPROVED

sohil
10/13/2016 2:04:32 PM

Quant Time: Oct 12 16:08:06 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

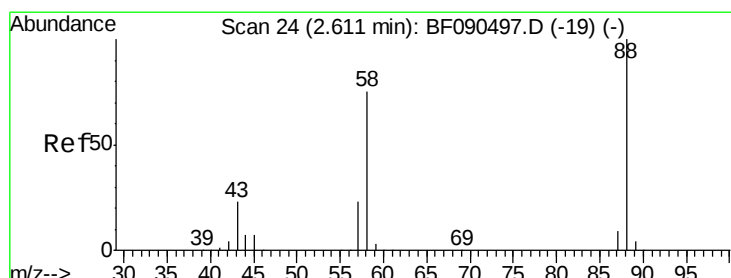
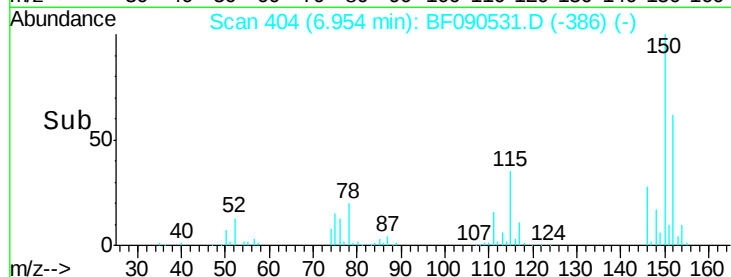
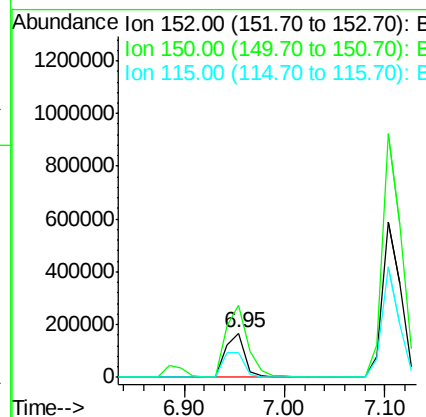
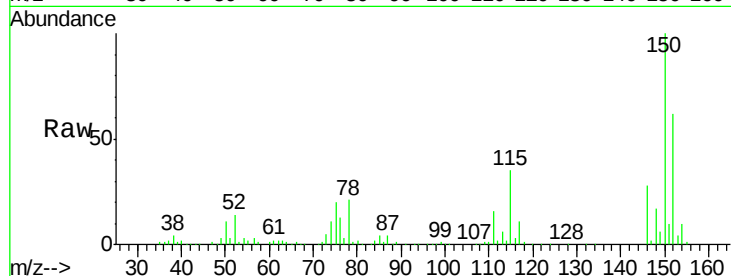
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Instrument :
BNA_F
ClientSampleId :
PB93973BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	56.7	46.2	69.4

Manual Integrations
APPROVED

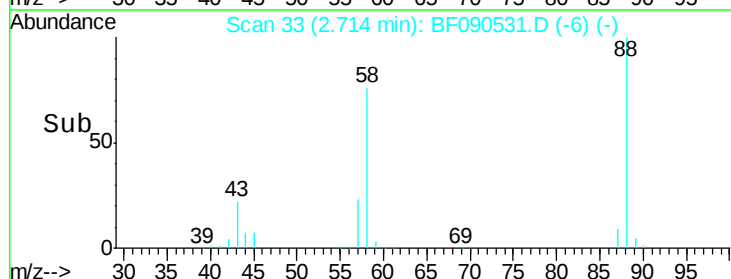
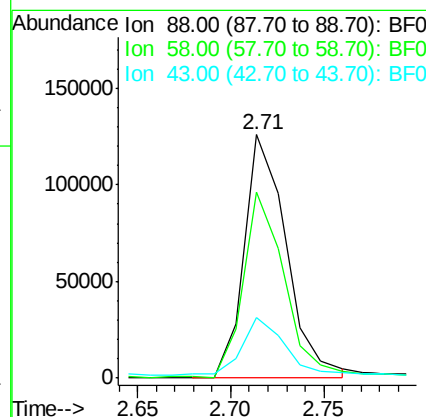
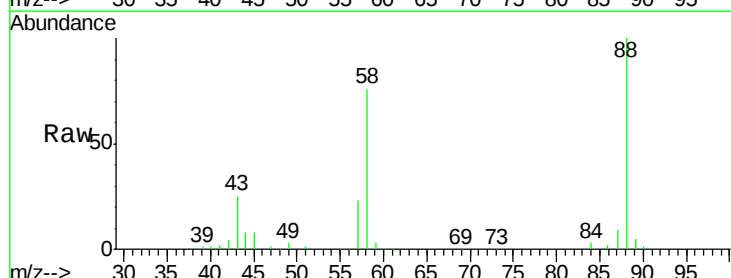
sohil
10/13/2016 2:04:32 PM

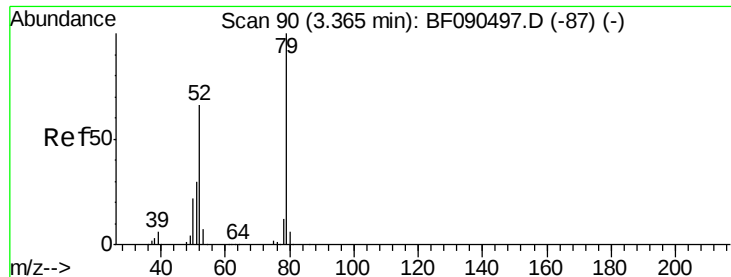


#2

1,4-Dioxane
Concen: 27.90 ng
RT: 2.71 min Scan# 33
Delta R.T. 0.10 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.3	71.2	106.8
43	23.1	29.8	44.6





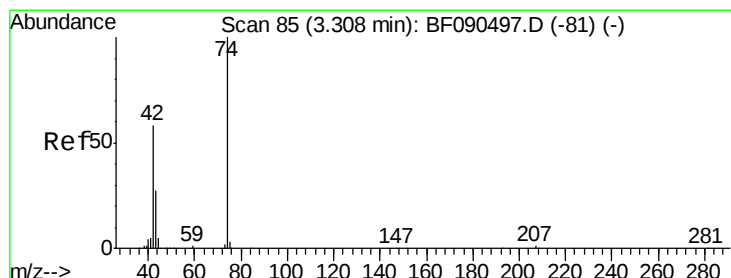
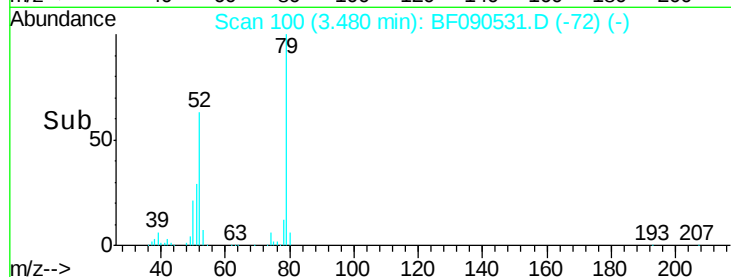
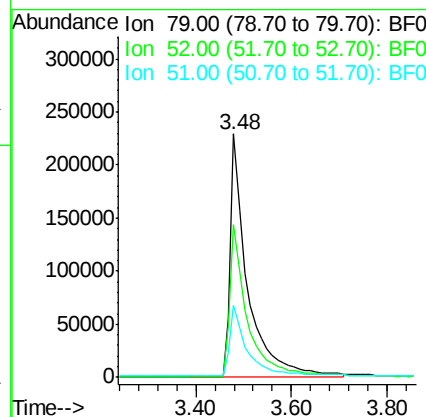
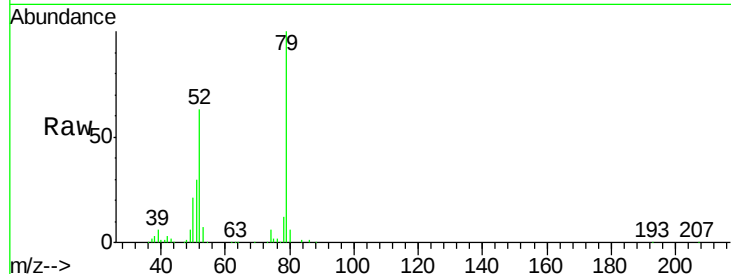
#3
 Pvridine
 Concen: 29.43 ng m
 RT: 3.48 min Scan# 100
 Delta R.T. 0.11 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

Instrument :
 BNA_F
 ClientSampleId :
 PB93973BS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	62.9	71.3	106.9#	
51	29.5	34.5	51.7#	

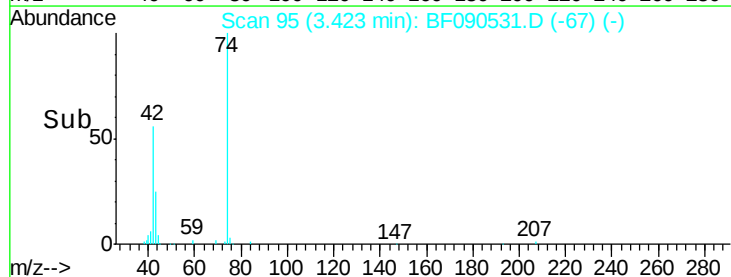
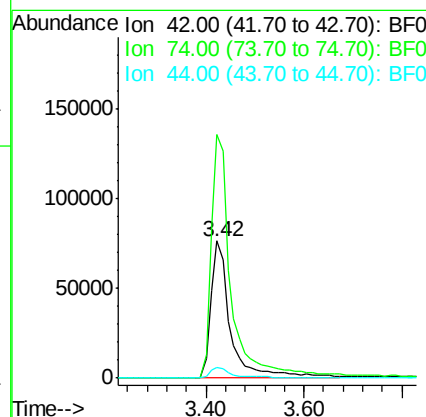
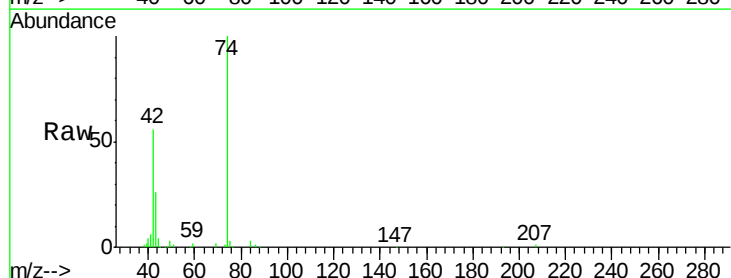
Manual Integrations
 APPROVED

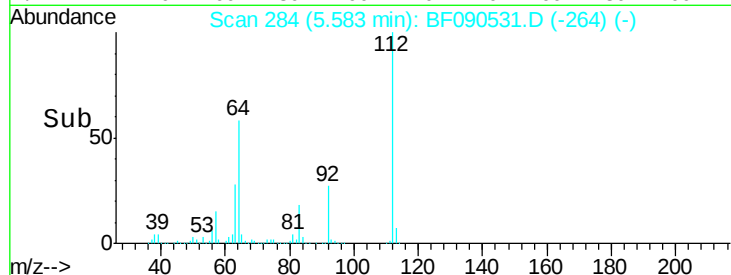
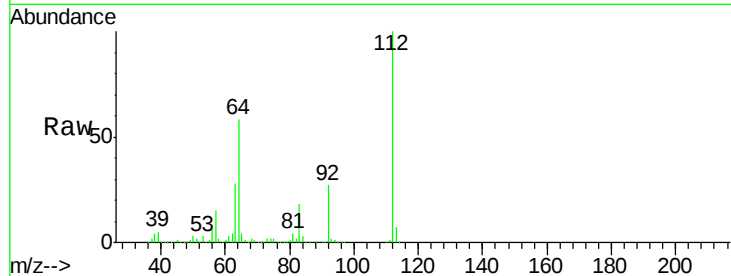
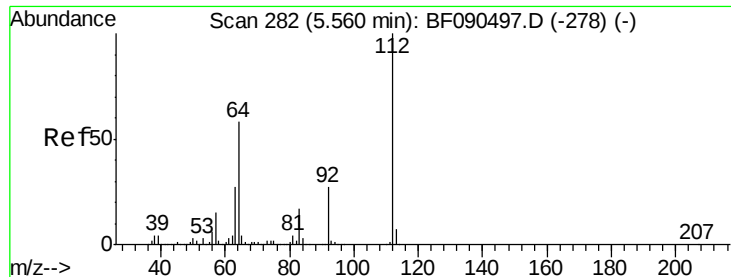
sohil
 10/13/2016 2:04:32 PM



#4
 n-Nitrosodimethylamine
 Concen: 33.78 ng m
 RT: 3.42 min Scan# 95
 Delta R.T. 0.11 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	177.5	88.9	133.3#	
44	7.9	6.5	9.7	





#5

2-Fluorophenol

Concen: 114.37 ng

RT: 5.58 min Scan# 284

Delta R.T. 0.02 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

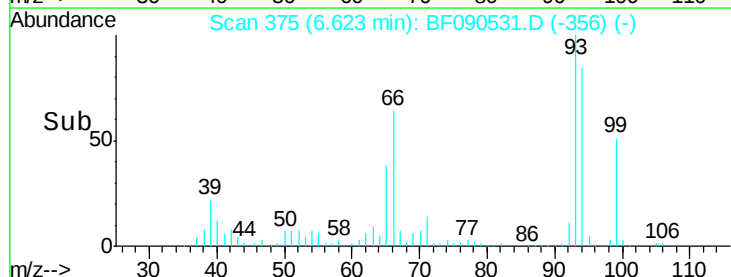
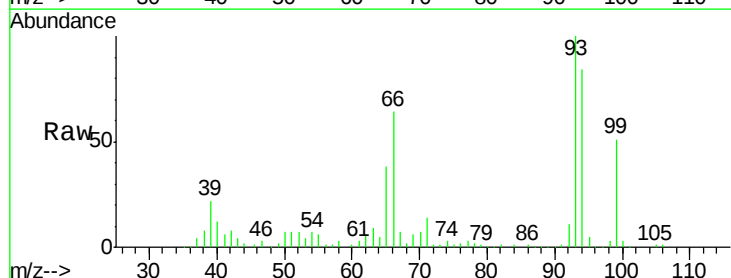
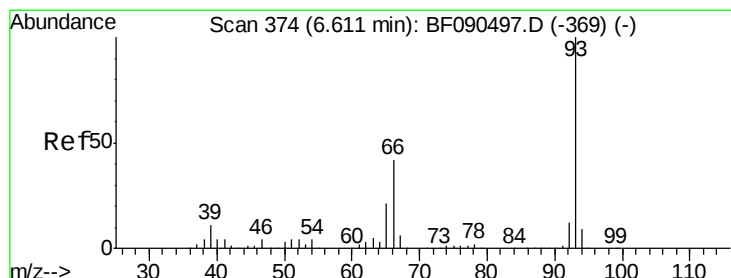
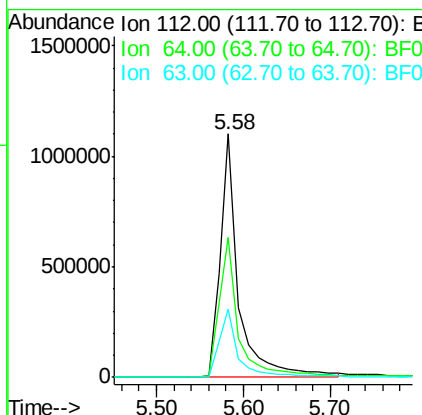
ClientSampleId :

PB93973BS

Tot Ion:	112	Resp:	1646324
Ion Ratio	Lower	Upper	
112	100		
64	57.5	57.9	86.9#
63	27.9	29.6	44.4#

Manual Integrations
APPROVED

sohil
10/13/2016 2:04:32 PM



#6

Aniline

Concen: 19.13 ng

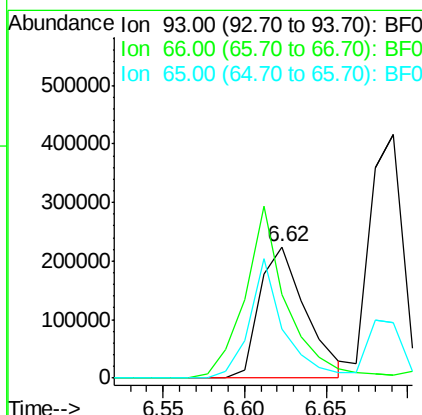
RT: 6.62 min Scan# 375

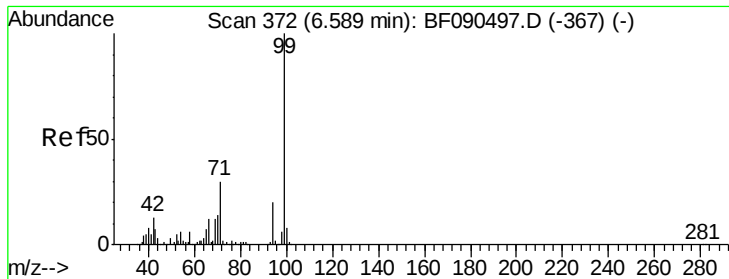
Delta R.T. 0.01 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Tgt Ion:	93	Resp:	440874
Ion Ratio	Lower	Upper	
93	100		
66	63.8	34.5	51.7#
65	37.8	18.2	27.2#





#7

Phenol-d6

Concen: 118.82 ng

RT: 6.60 min Scan# 373

Delta R.T. 0.01 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

Tot Ion: 99 Resp: 2158260

Ion Ratio Lower Upper

99 100

42 14.0 20.0 30.0#

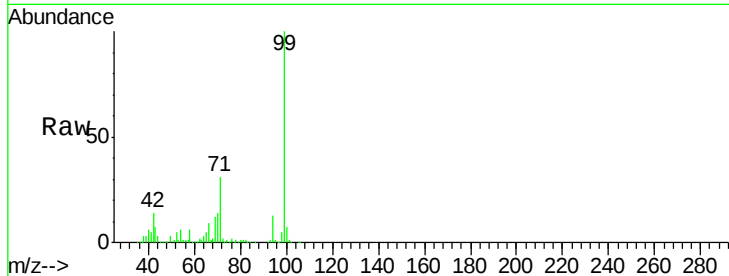
71 31.4 27.9 41.9

Manual Integrations

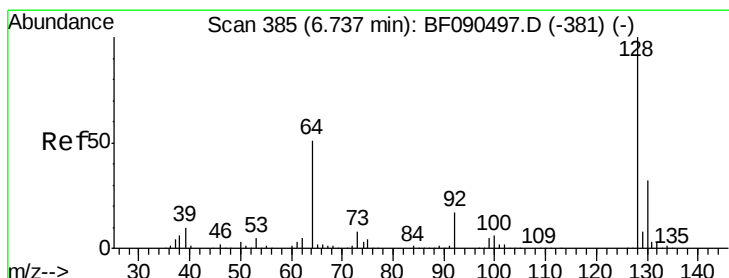
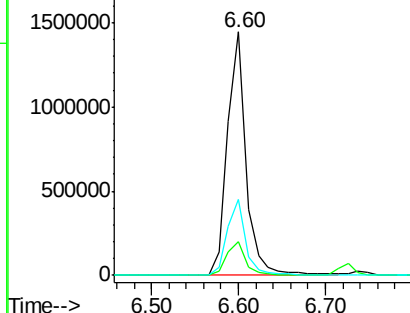
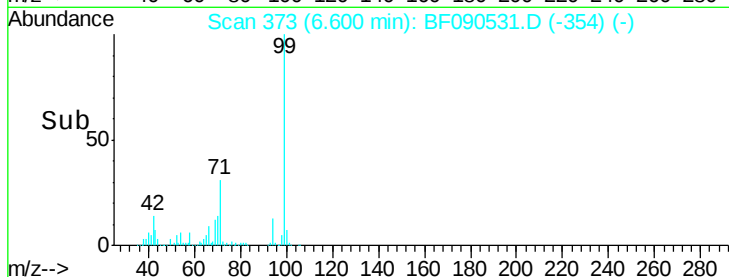
APPROVED

sohil

10/13/2016 2:04:32 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.86 ng

RT: 6.74 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

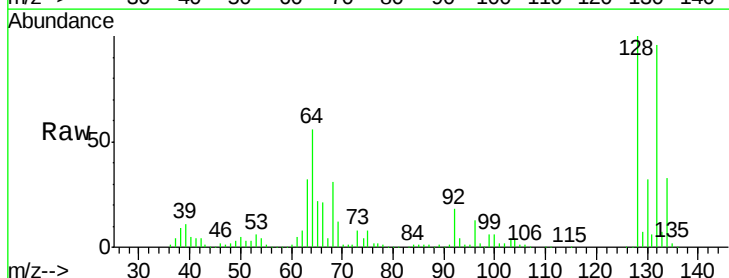
Tgt Ion: 128 Resp: 610299

Ion Ratio Lower Upper

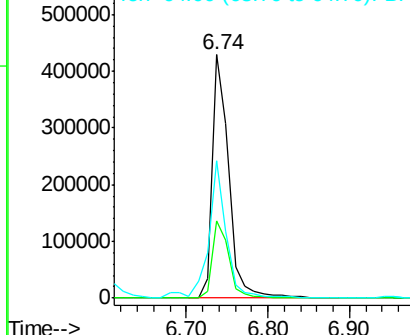
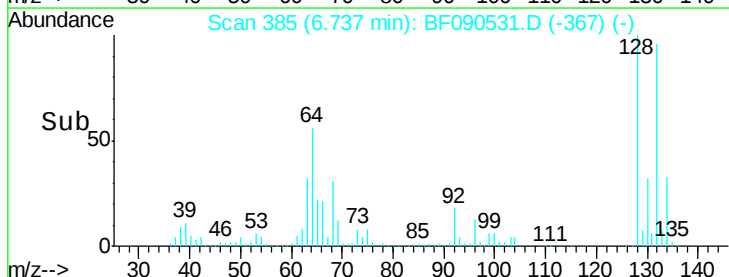
128 100

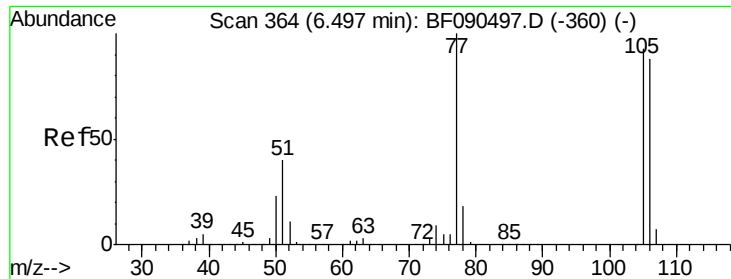
130 31.8 13.3 53.3

64 56.4 36.0 76.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.20 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

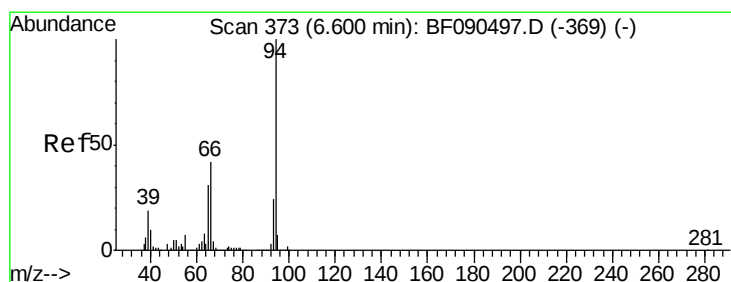
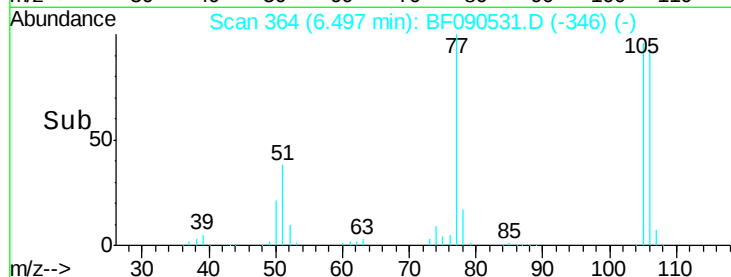
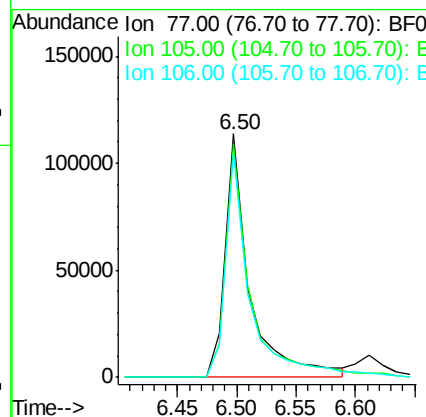
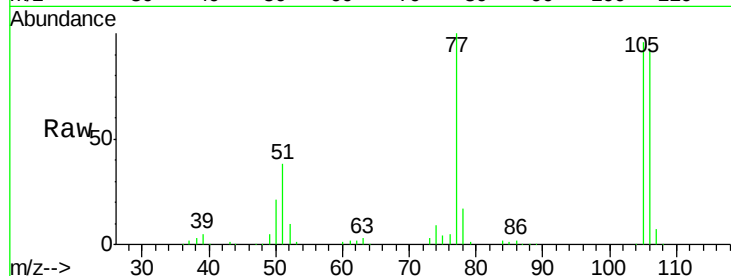
ClientSampleId :

PB93973BS

Tot Ion:	77	Resp:	162541
Ion Ratio	Lower	Upper	
77	100		
105	95.8	73.1	113.1
106	92.0	70.2	110.2

Manual Integrations
APPROVED

sohil
10/13/2016 2:04:32 PM



#10

Phenol

Concen: 39.14 ng

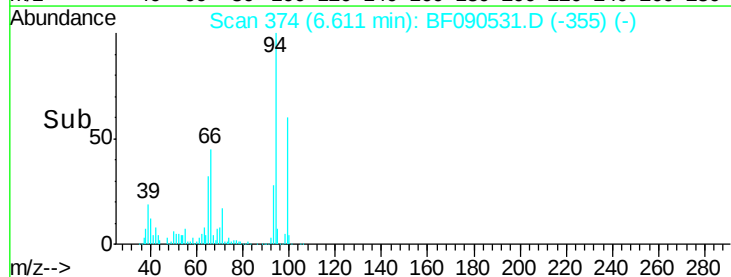
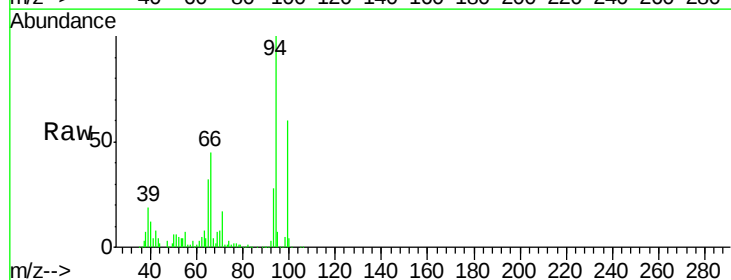
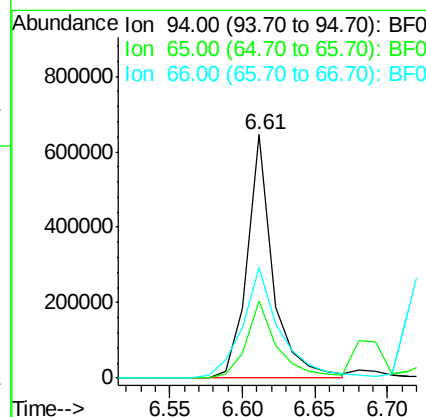
RT: 6.61 min Scan# 374

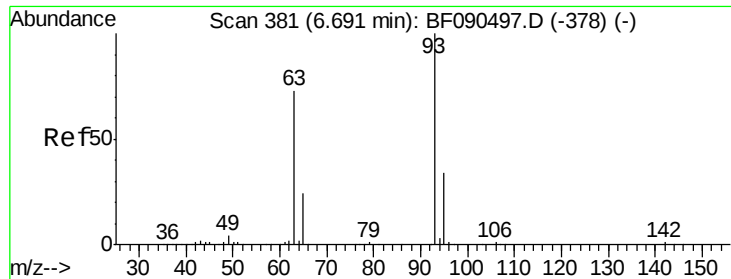
Delta R.T. 0.01 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Tgt Ion:	94	Resp:	802060
Ion Ratio	Lower	Upper	
94	100		
65	31.7	13.3	53.3
66	45.4	20.4	60.4





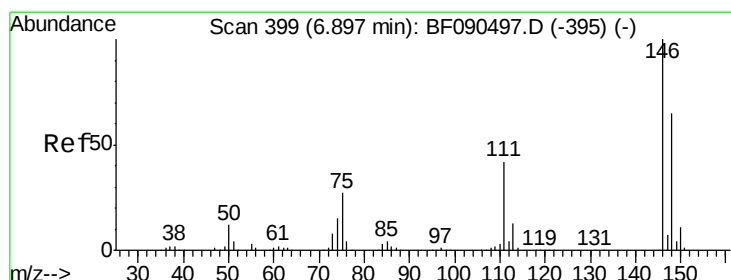
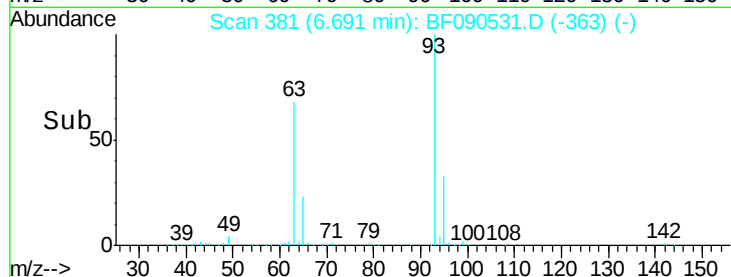
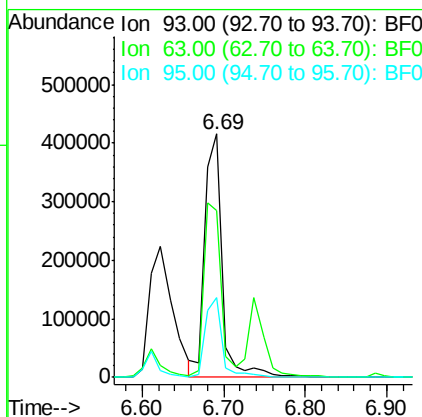
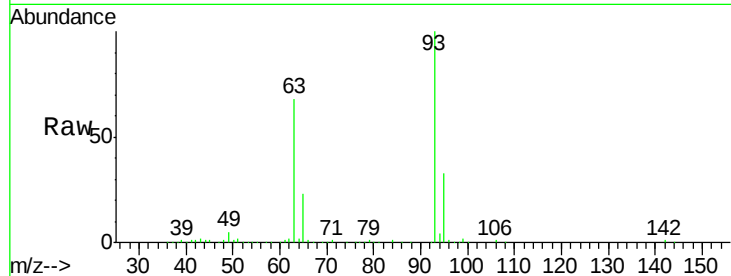
#11
bis(2-Chloroethyl)ether
Concen: 40.87 ng
RT: 6.69 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Instrument :
BNA_F
ClientSampleId :
PB93973BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.5	59.7	99.7
95	32.5	14.0	54.0

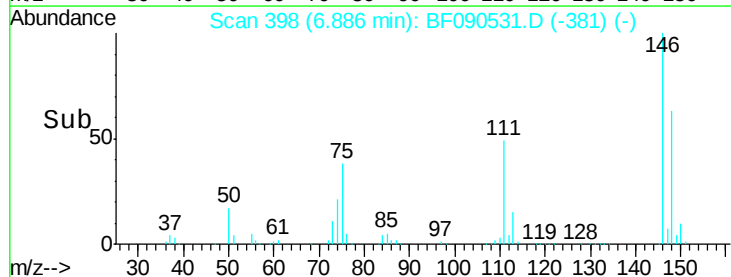
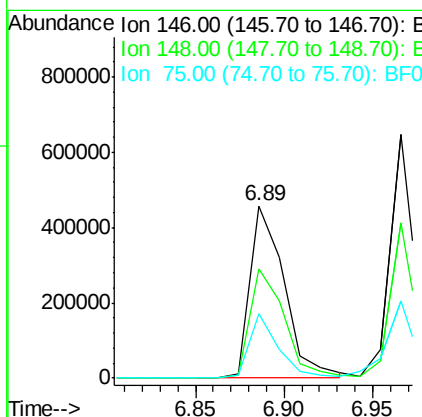
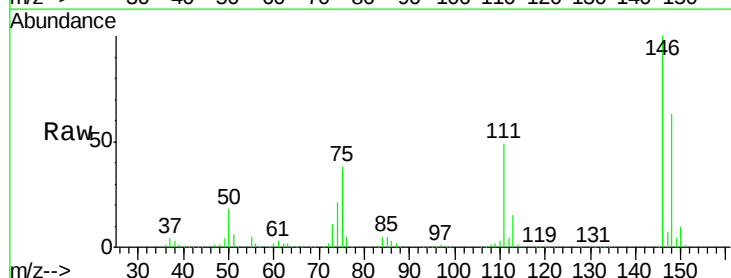
Manual Integrations
APPROVED

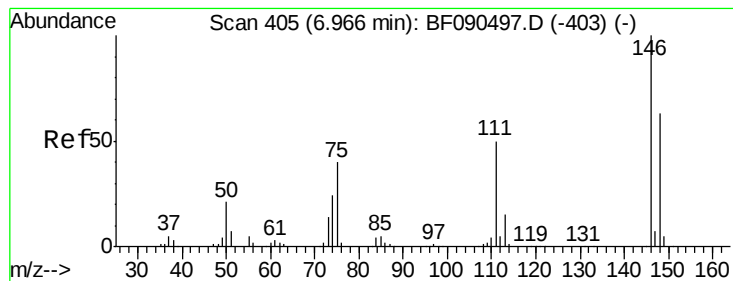
sohil
10/13/2016 2:04:32 PM



#12
1,3-Dichlorobenzene
Concen: 37.07 ng m
RT: 6.89 min Scan# 398
Delta R.T. -0.01 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.4
75	37.5	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 39.24 ng

RT: 6.97 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

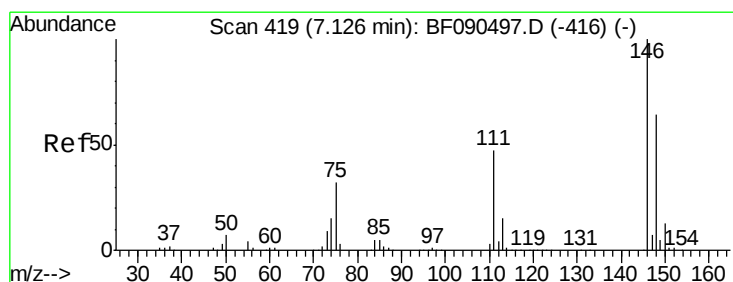
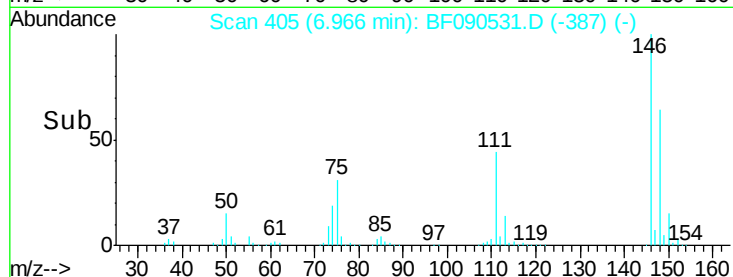
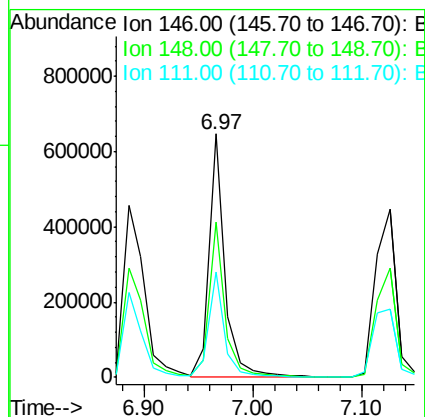
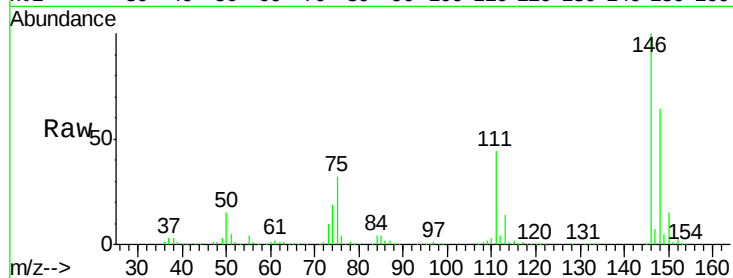
ClientSampleId :

PB93973BS

Tot Ion:	146	Resp:	661380
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.1	76.7
111	43.5	37.8	56.6

Manual Integrations
APPROVED

sohil
10/13/2016 2:04:32 PM



#14

1,2-Dichlorobenzene

Concen: 39.05 ng

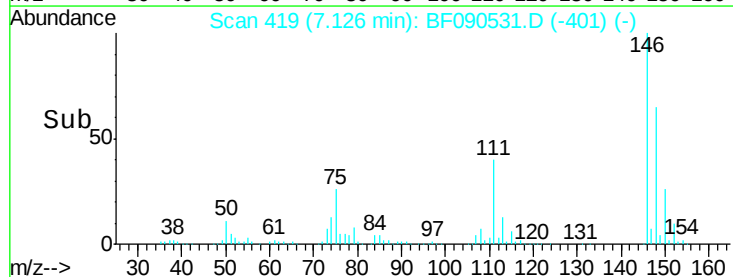
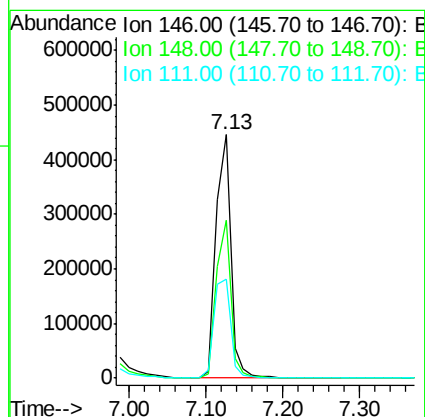
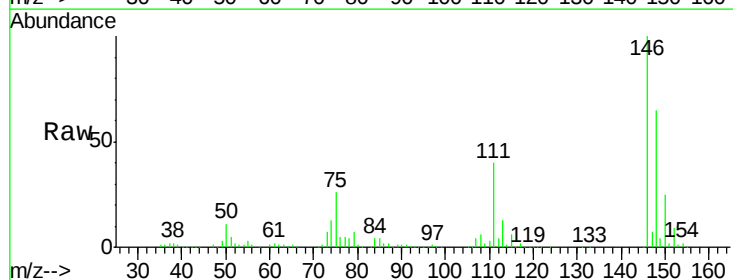
RT: 7.13 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Tgt Ion:	146	Resp:	598187
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.3	78.5
111	40.4	38.2	57.4





#15

Benzyl Alcohol

Concen: 36.27 ng

RT: 7.09 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

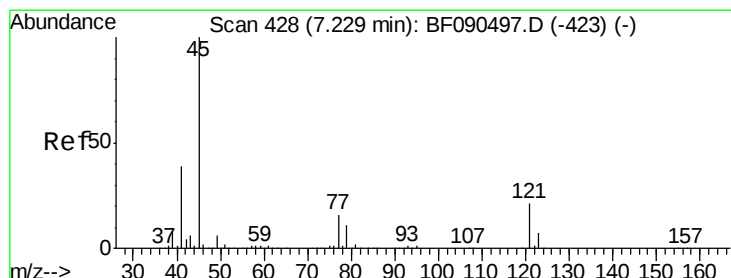
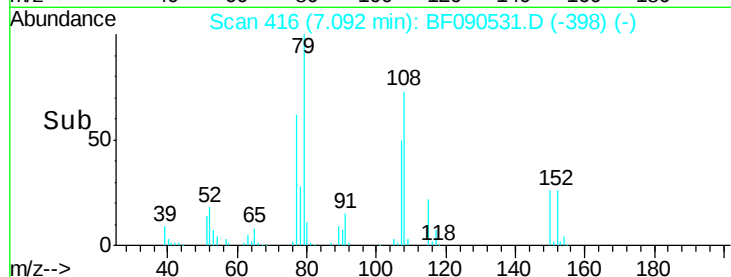
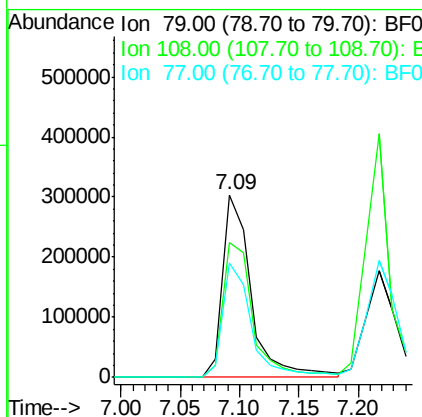
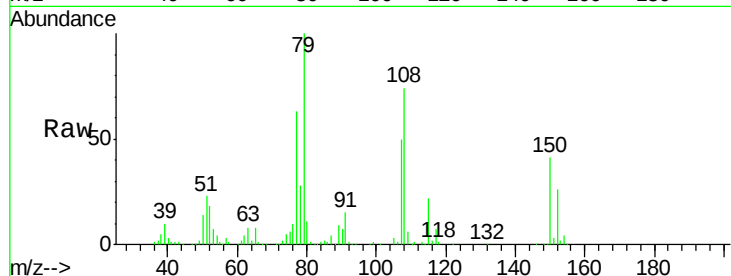
ClientSampled :

PB93973BS

Tot Ion:	79	Resp:	505806
Ion Ratio	Lower	Upper	
79	100		
108	74.1	60.9	91.3
77	62.6	51.5	77.3

Manual Integrations
APPROVED

sohil
10/13/2016 2:04:32 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.10 ng

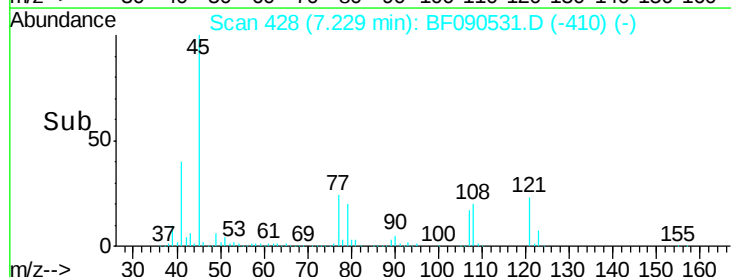
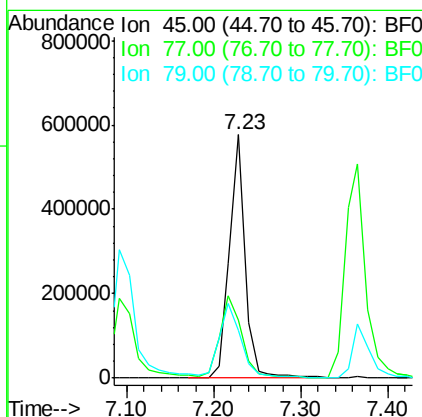
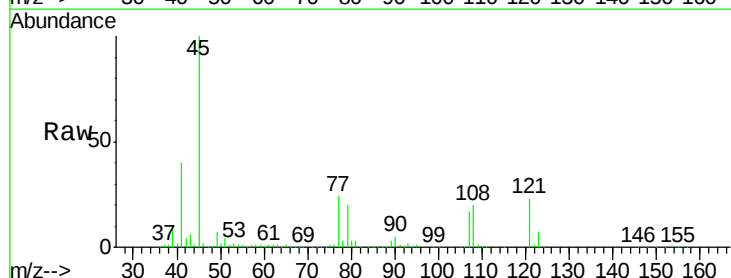
RT: 7.23 min Scan# 428

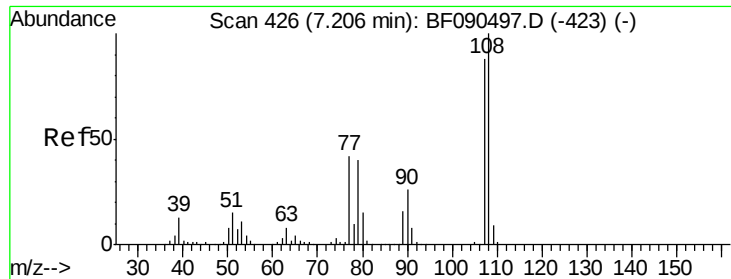
Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Tgt Ion:	45	Resp:	727438
Ion Ratio	Lower	Upper	
45	100		
77	23.6	0.0	30.8
79	19.7	0.0	28.2





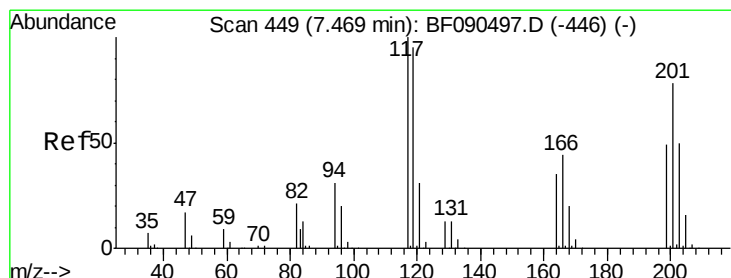
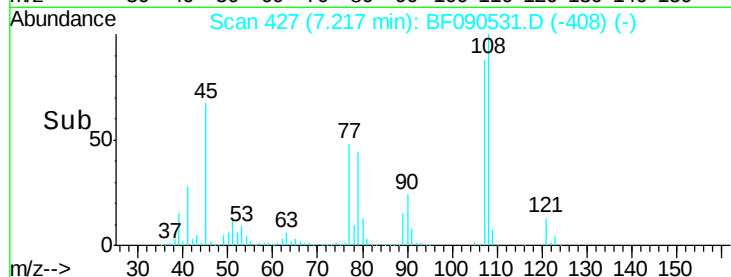
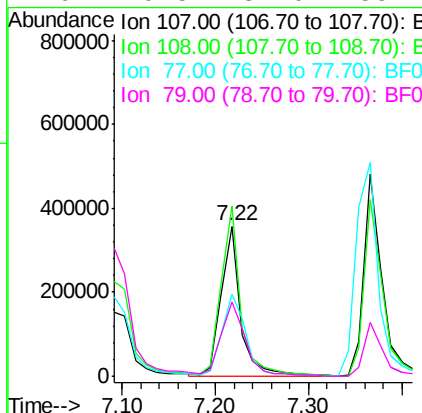
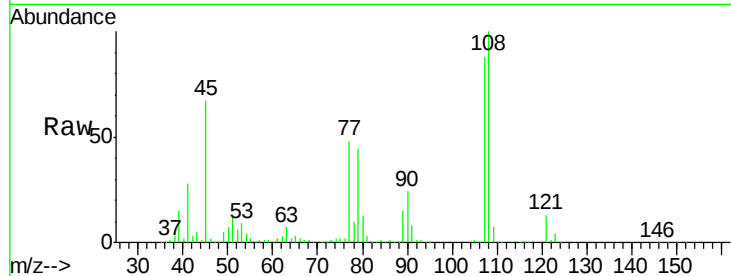
#17
2-Methylphenol
Concen: 41.06 ng
RT: 7.22 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Instrument :
BNA_F
ClientSampleId :
PB93973BS

Tot Ion:	107	Resp:	511352
Ion Ratio	Lower	Upper	
107	100		
108	113.4	90.9	136.3
77	54.4	38.2	57.4
79	49.5	37.0	55.4

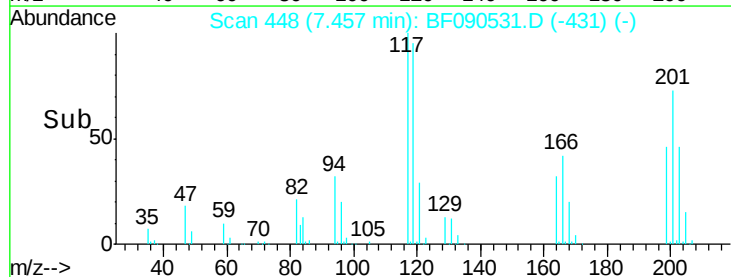
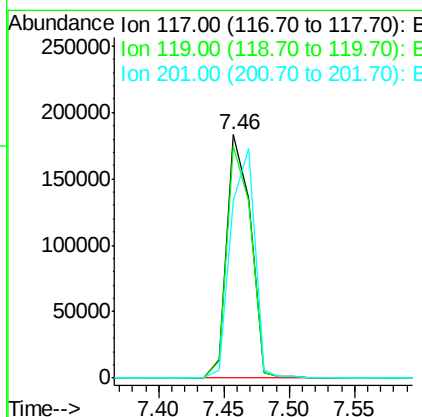
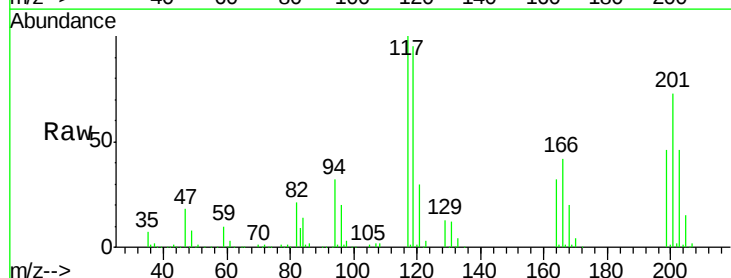
Manual Integrations
APPROVED

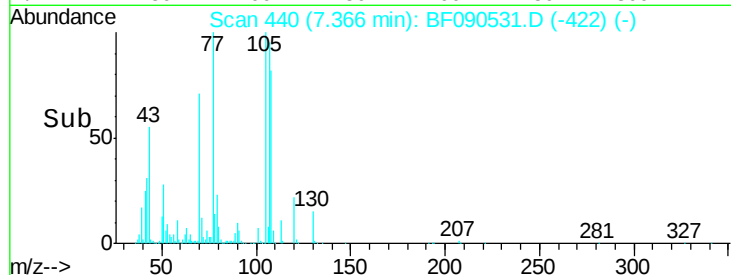
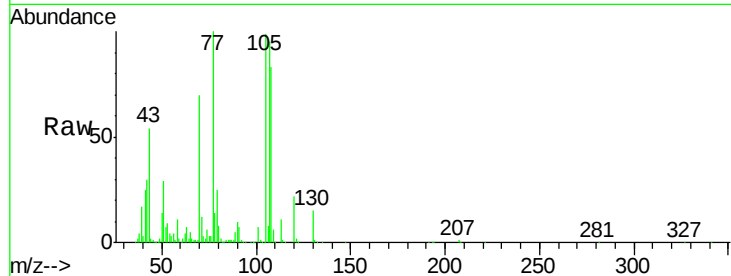
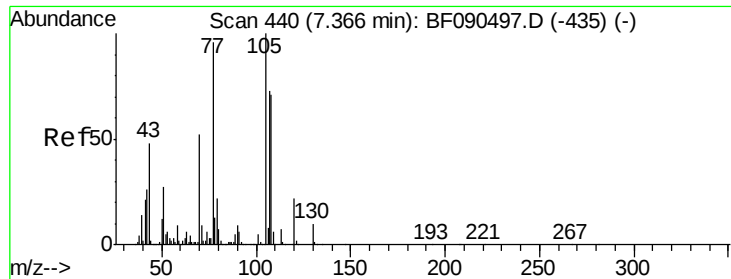
sohil
10/13/2016 2:04:32 PM



#18
Hexachloroethane
Concen: 37.47 ng
RT: 7.46 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Tgt Ion:	117	Resp:	233078
Ion Ratio	Lower	Upper	
117	100		
119	95.1	75.9	113.9
201	72.8	66.5	99.7





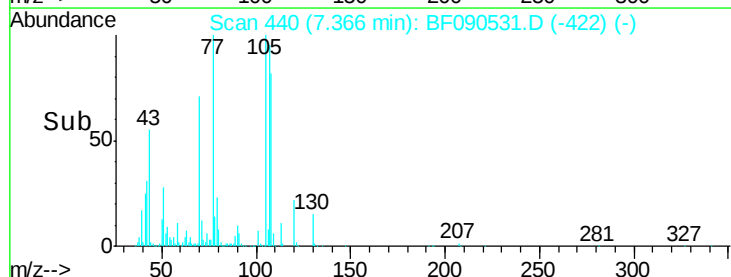
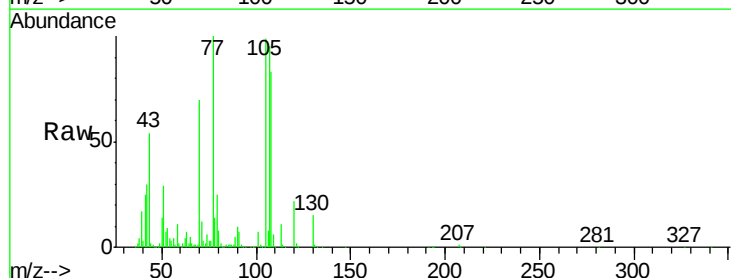
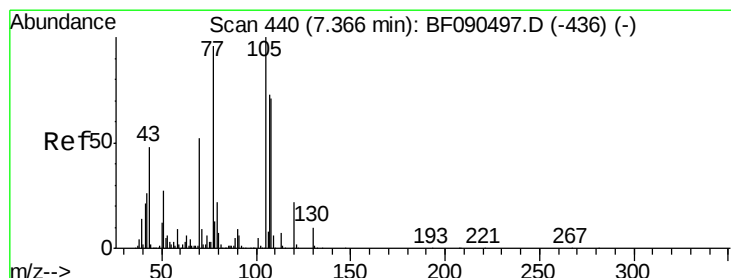
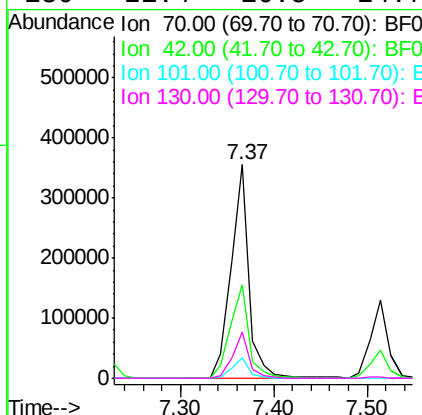
#19
n-Nitroso-di-n-propylamine
Concen: 41.01 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Instrument :
BNA_F
ClientSampleId :
PB93973BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	43.5	55.4	83.2#	
101	9.7	7.6	11.4	
130	21.4	16.5	24.7	

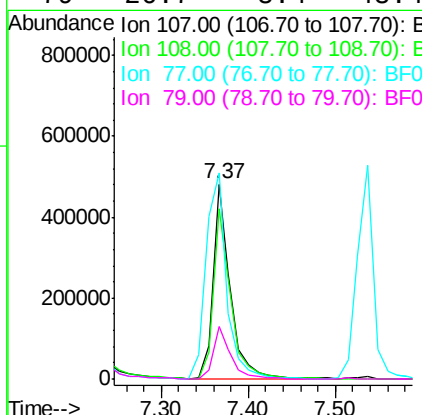
Manual Integrations
APPROVED

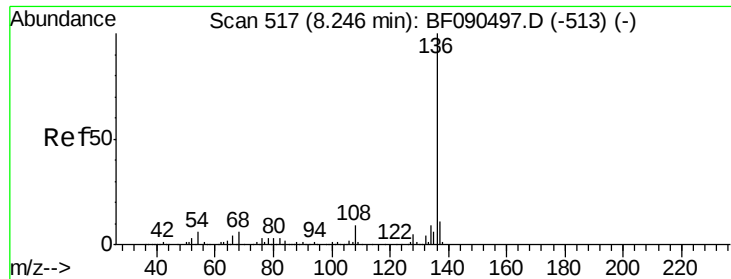
sohil
10/13/2016 2:04:32 PM



#20
3+4-Methylphenols
Concen: 41.75 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.2	66.7	106.7	
77	105.7	53.7	93.7#	
79	26.7	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: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

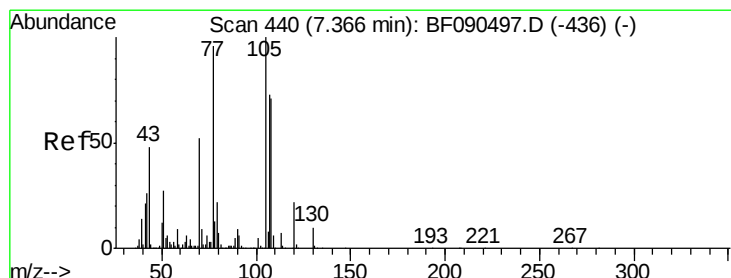
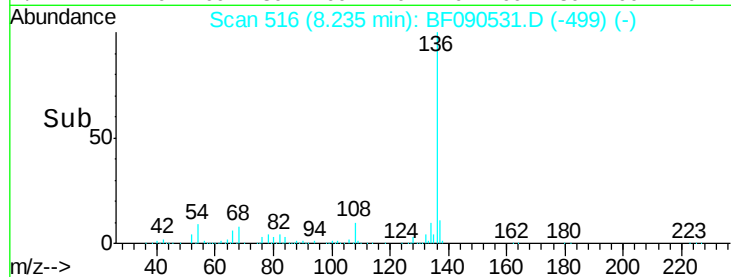
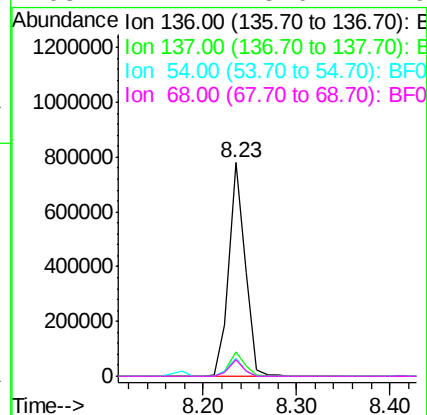
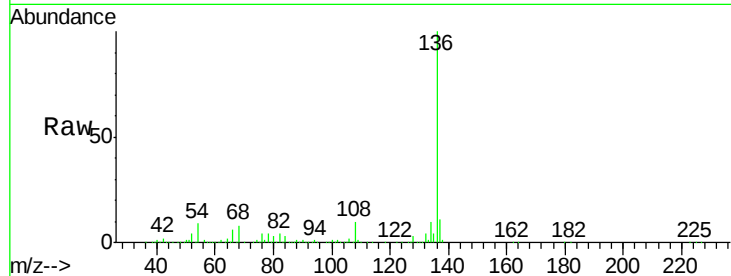
ClientSampleId :

PB93973BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	948879		
137	11.4	9.0	13.6	
54	8.5	6.6	10.0	
68	7.7	5.0	7.6	

Manual Integrations
APPROVED

sohil
10/13/2016 2:04:32 PM



#22

Acetophenone

Concen: 40.28 ng

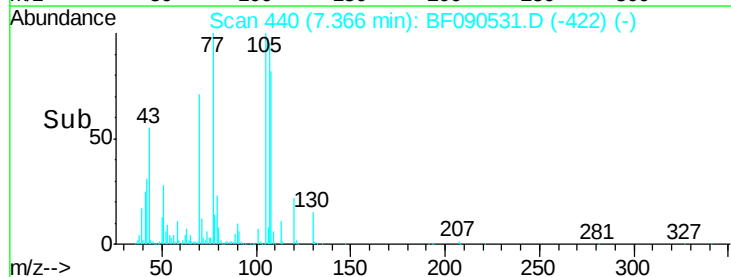
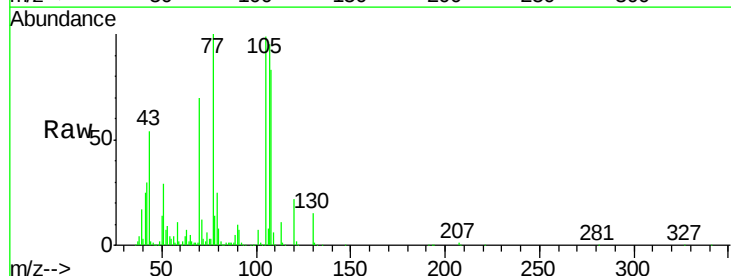
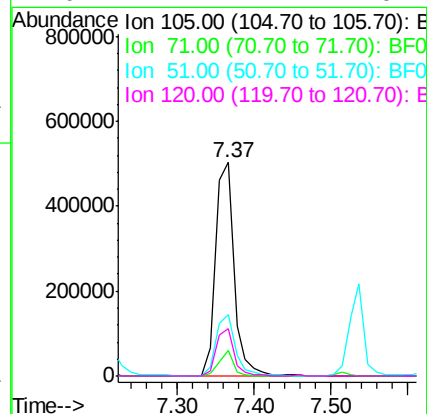
RT: 7.37 min Scan# 440

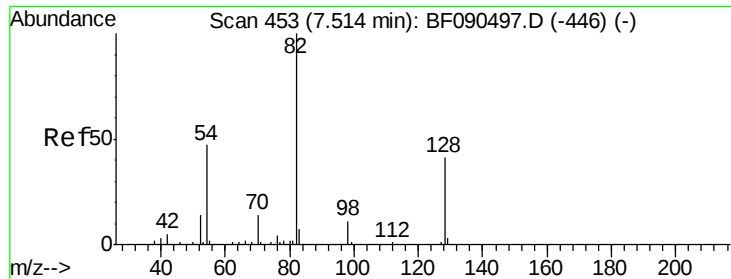
Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	841379		
71	11.8	3.8	5.6	
51	28.9	28.2	42.4	
120	22.2	17.4	26.2	





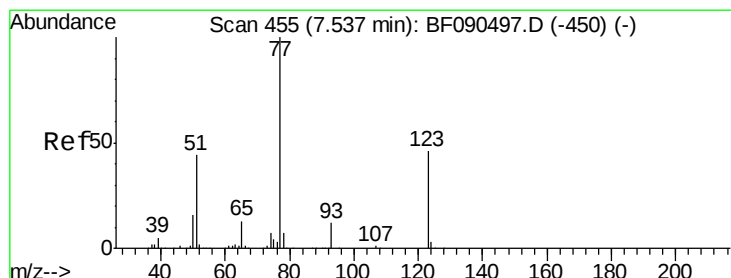
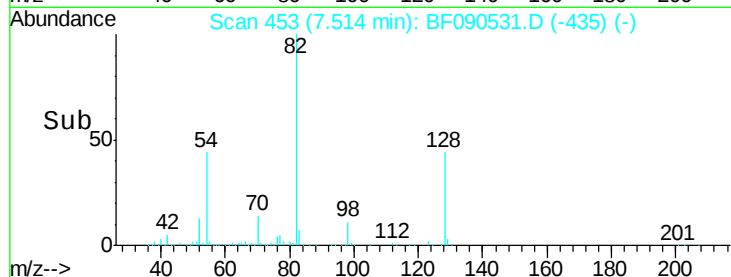
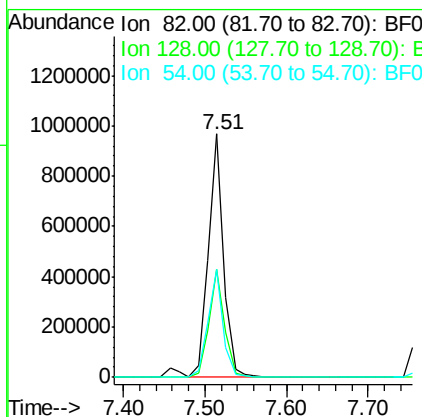
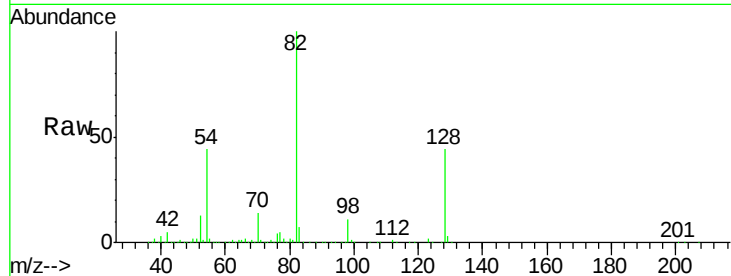
#23
 Nitrobenzene-d5
 Concen: 72.71 ng
 RT: 7.51 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

Instrument :
 BNA_F
 ClientSampleId :
 PB93973BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	40.0	60.0
54	44.4	42.6	64.0

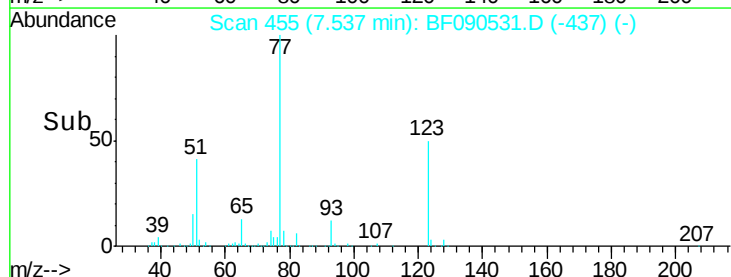
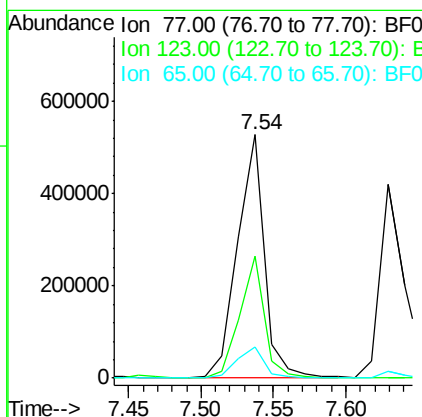
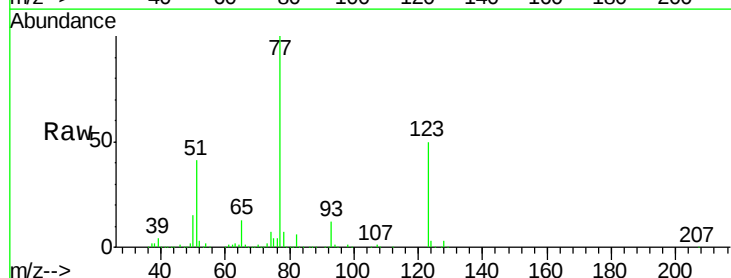
Manual Integrations
 APPROVED

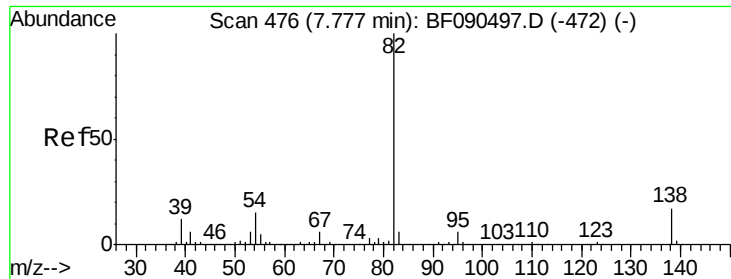
sohil
 10/13/2016 2:04:32 PM



#24
 Nitrobenzene
 Concen: 35.83 ng
 RT: 7.54 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	33.0	49.4#
65	12.7	12.0	18.0





#25

Isophorone

Concen: 38.48 ng

RT: 7.78 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

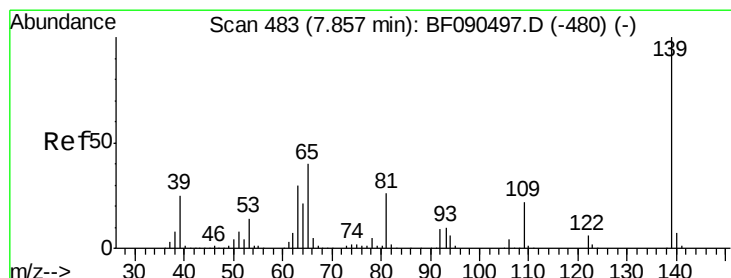
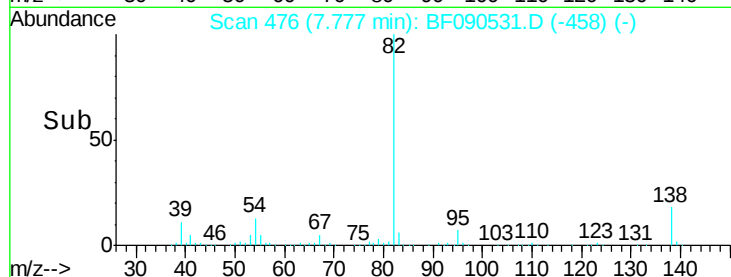
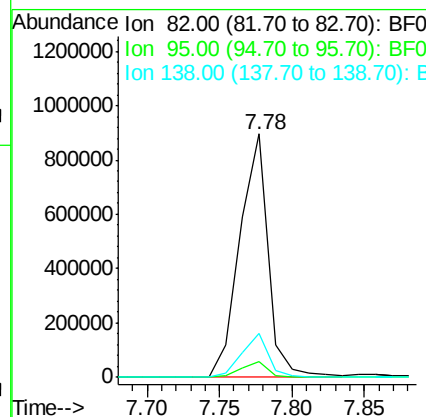
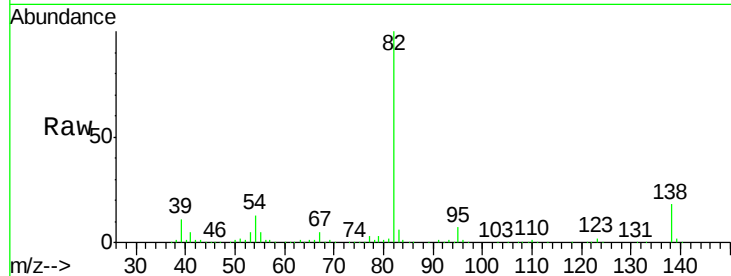
ClientSampleId :

PB93973BS

Tot Ion:	82	Resp:	1225102
Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.2	7.8
138	18.2	13.0	19.4

Manual Integrations
APPROVED

sohil
10/13/2016 2:04:32 PM



#26

2-Nitrophenol

Concen: 37.88 ng

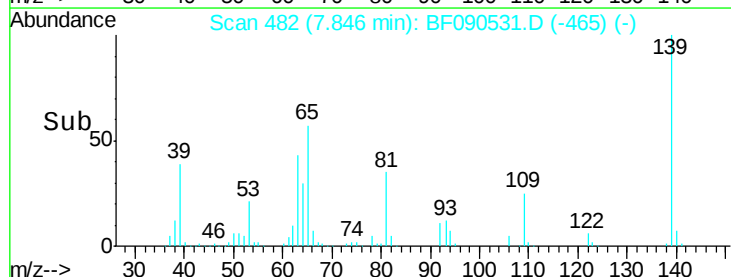
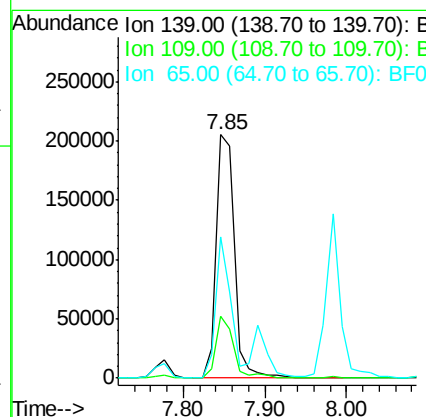
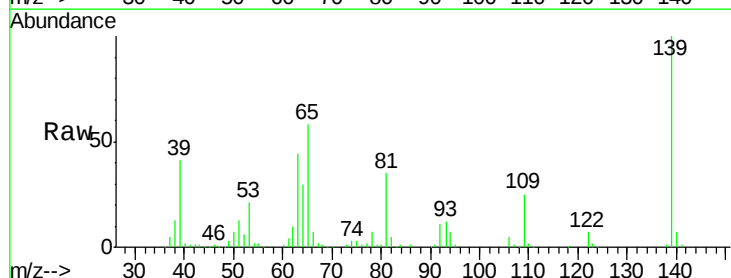
RT: 7.85 min Scan# 482

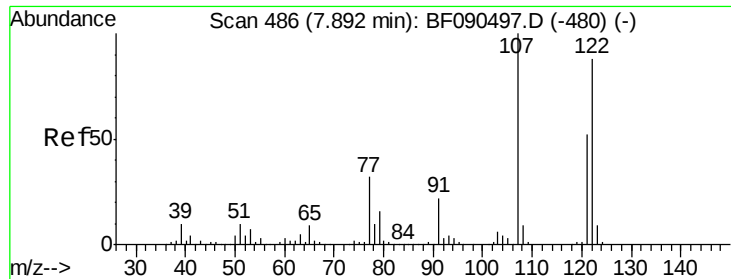
Delta R.T. -0.01 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Tgt Ion:	139	Resp:	324280
Ion	Ratio	Lower	Upper
139	100		
109	25.4	18.9	28.3
65	57.8	31.6	47.4#





#27

2,4-Dimethylphenol

Concen: 39.19 ng

RT: 7.89 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

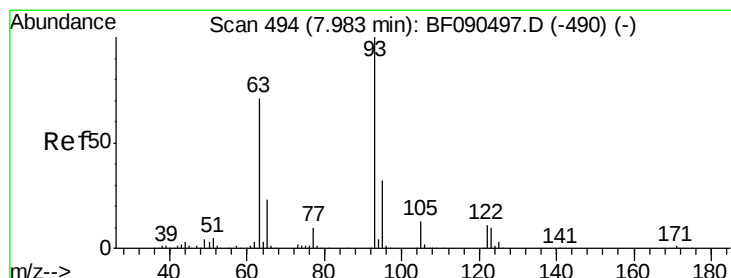
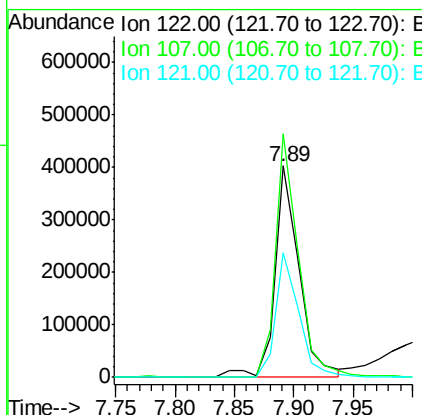
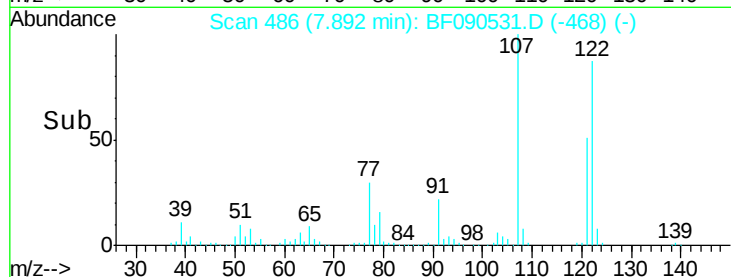
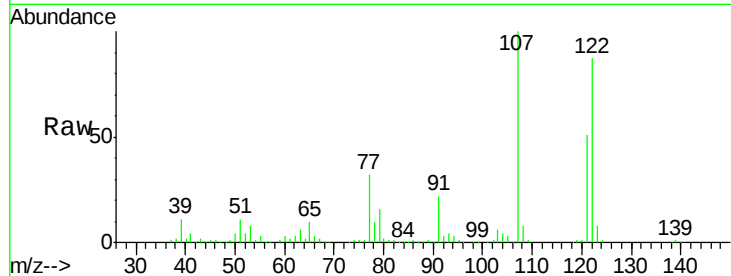
ClientSampleId :

PB93973BS

Tot Ion:	122	Resp:	570261
Ion Ratio	Lower	Upper	
122	100		
107	115.3	88.6	132.8
121	58.7	47.5	71.3

Manual Integrations
APPROVED

sohil
10/13/2016 2:04:32 PM



#28

bis(2-Chloroethoxy)methane

Concen: 38.54 ng

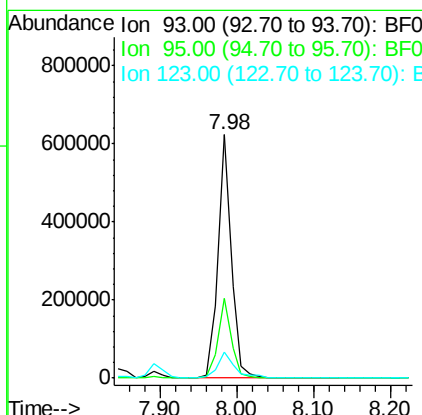
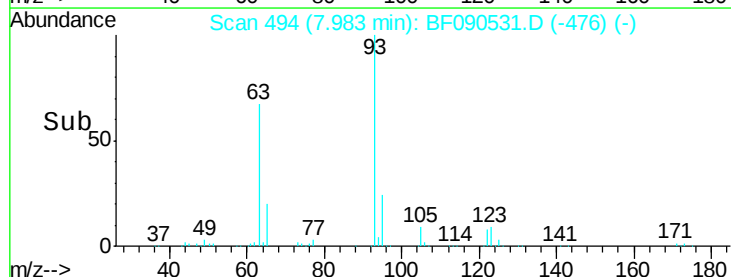
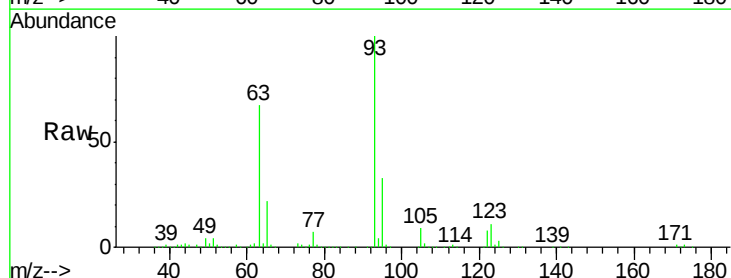
RT: 7.98 min Scan# 494

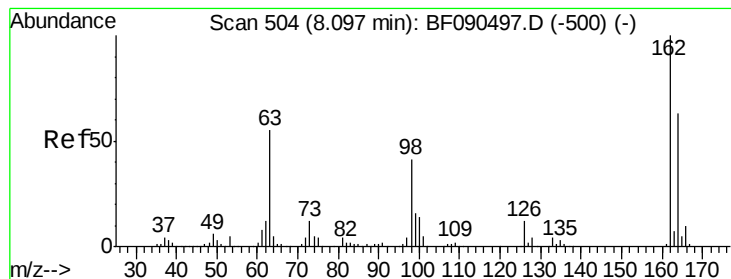
Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Tgt Ion:	93	Resp:	757782
Ion Ratio	Lower	Upper	
93	100		
95	32.8	27.0	40.4
123	10.8	11.1	16.7#





#29

2,4-Dichlorophenol

Concen: 41.05 ng

RT: 8.10 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

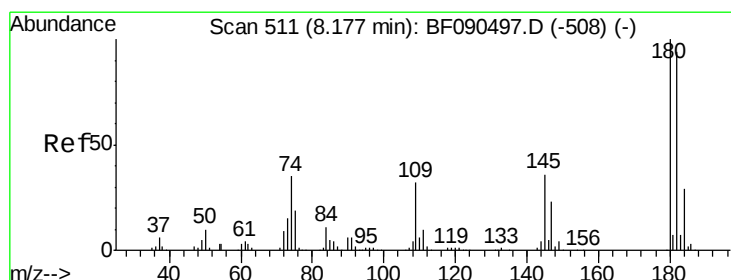
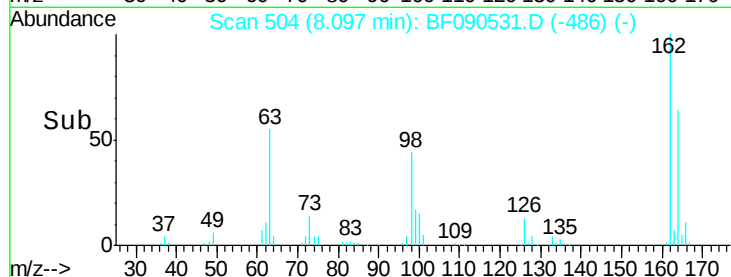
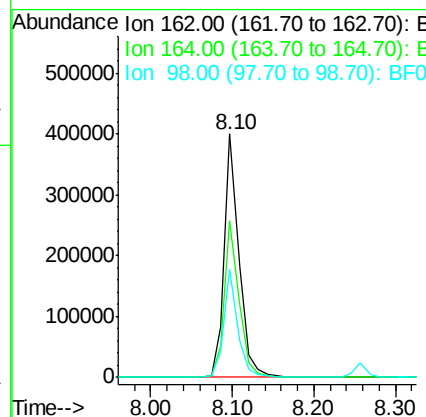
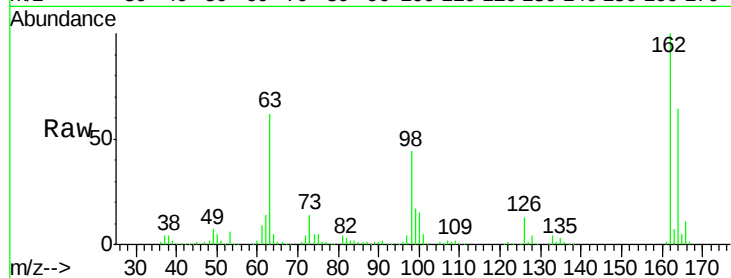
ClientSampleID :

PB93973BS

Tot Ion:	162	Resp:	499684
Ion Ratio	Lower	Upper	
162	100		
164	64.1	45.7	85.7
98	44.2	13.3	53.3

Manual Integrations
APPROVED

sohil
10/13/2016 2:04:32 PM



#30

1,2,4-Trichlorobenzene

Concen: 38.01 ng

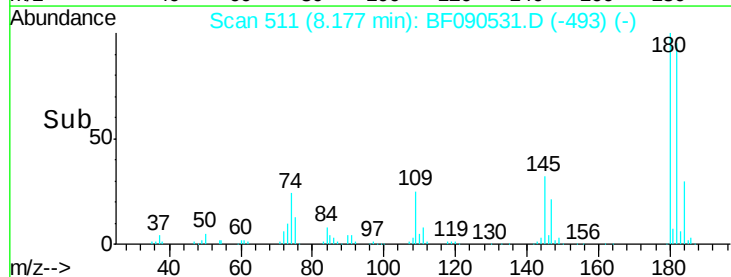
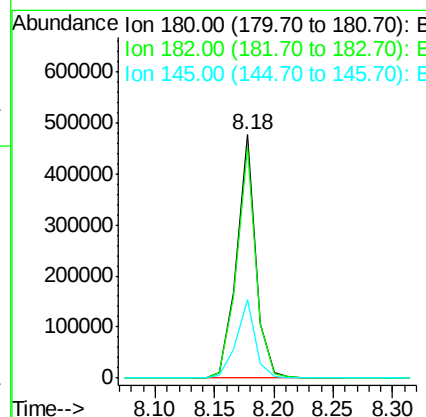
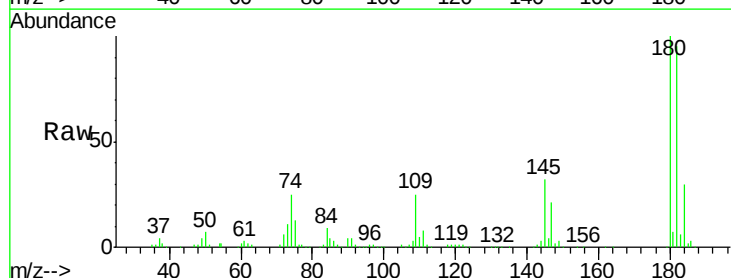
RT: 8.18 min Scan# 511

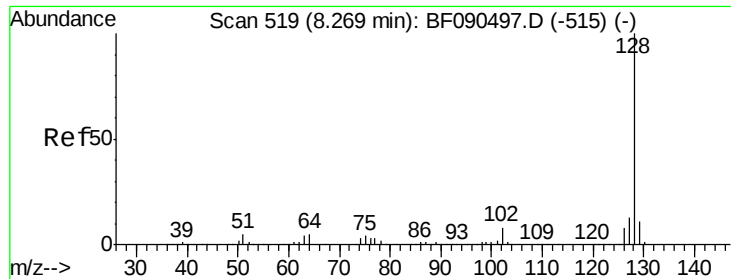
Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Tgt Ion:	180	Resp:	531485
Ion Ratio	Lower	Upper	
180	100		
182	95.0	75.3	112.9
145	32.4	27.7	41.5





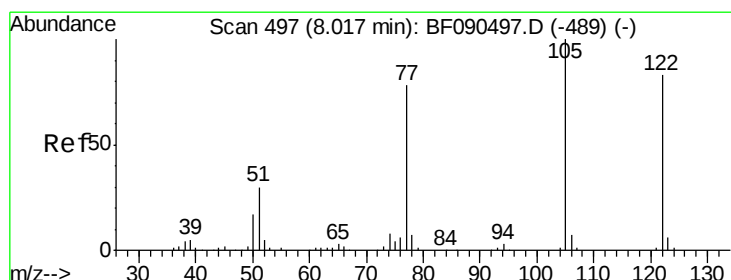
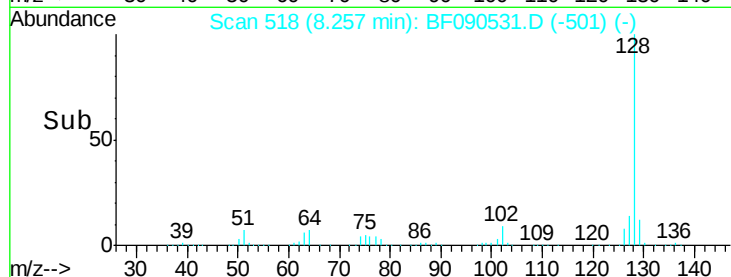
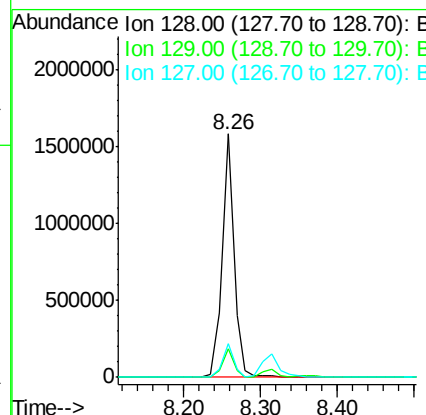
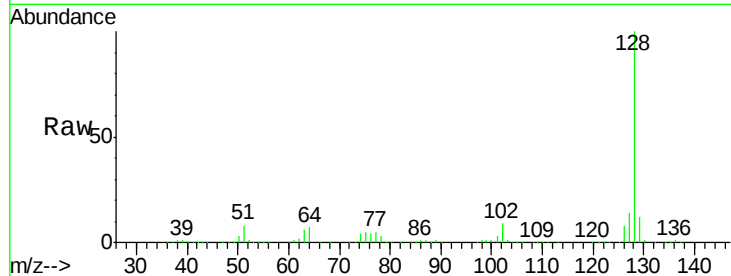
#31
Naphthalene
Concen: 36.61 ng
RT: 8.26 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Instrument :
BNA_F
ClientSampleId :
PB93973BS

Tot Ion:128 Resp: 1730765
Ion Ratio Lower Upper
128 100
129 11.8 9.7 14.5
127 13.7 11.7 17.5

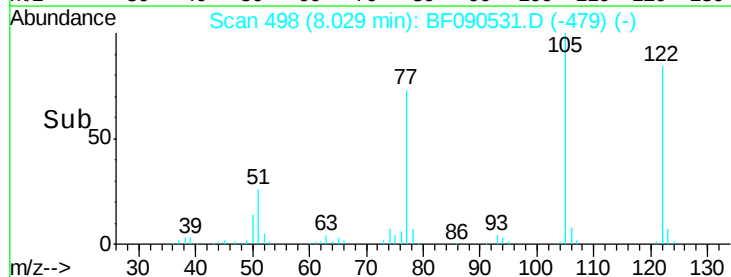
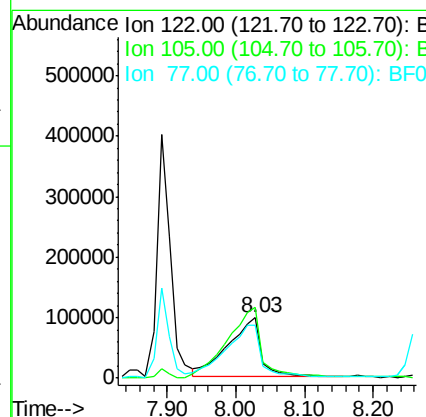
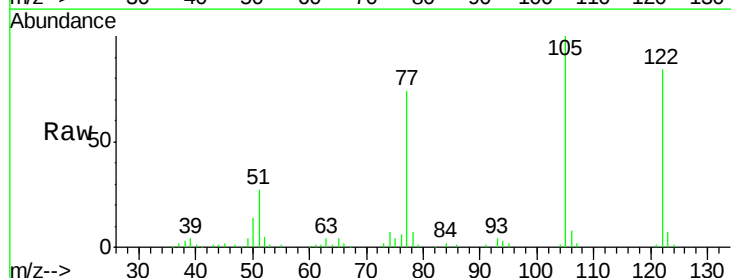
Manual Integrations
APPROVED

sohil
10/13/2016 2:04:32 PM



#32
Benzoic acid
Concen: 28.98 ng
RT: 8.03 min Scan# 498
Delta R.T. 0.01 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Tgt Ion:122 Resp: 332832
Ion Ratio Lower Upper
122 100
105 118.5 103.9 143.9
77 87.4 74.6 114.6





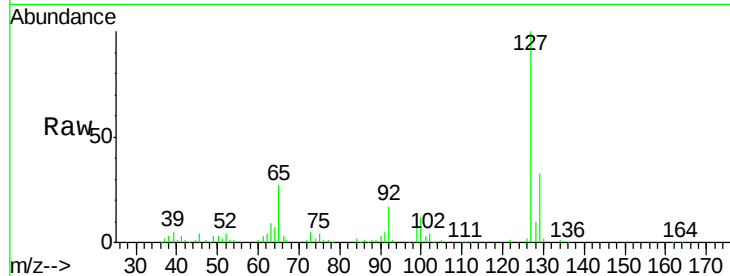
#33
4-Chloroaniline
Concen: 11.69 ng
RT: 8.31 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Instrument :
BNA_F
ClientSampleId :
PB93973BS

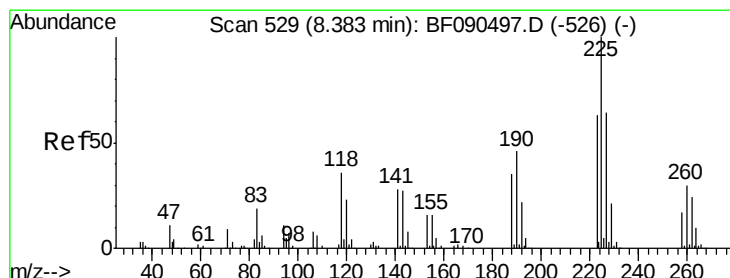
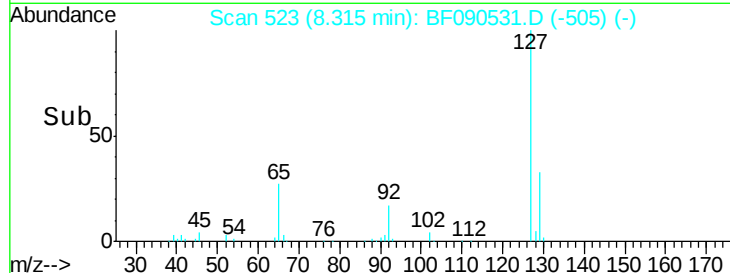
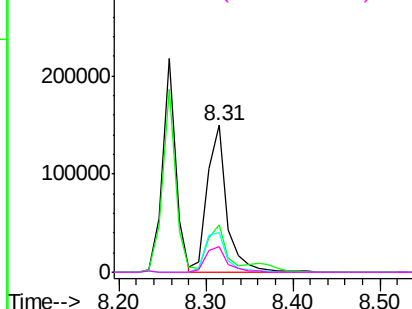
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.2	39.4		
65	27.4	32.5	48.7		
92	17.4	17.2	25.8		

Manual Integrations
APPROVED

sohil
10/13/2016 2:04:32 PM

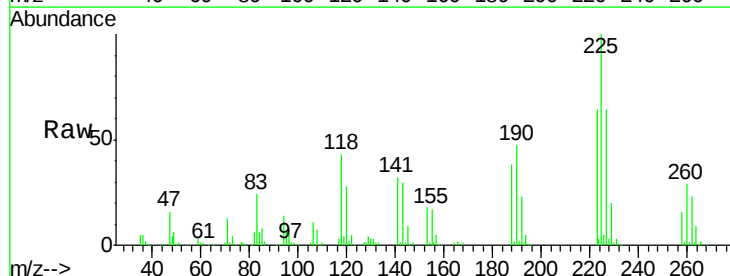


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

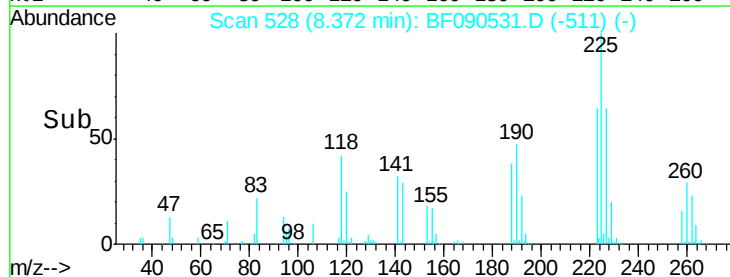
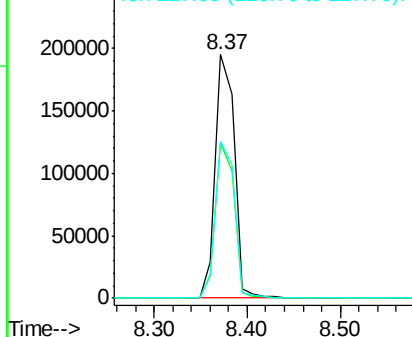


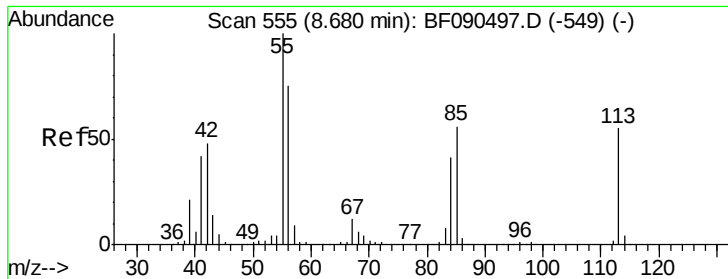
#34
Hexachlorobutadiene
Concen: 35.33 ng
RT: 8.37 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.9	51.0	76.4		
227	64.1	50.8	76.2		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.00 ng/mL

RT: 8.68 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleID :

PB93973BS

Tot Ion:113 Resp: 181508

Ion Ratio Lower Upper

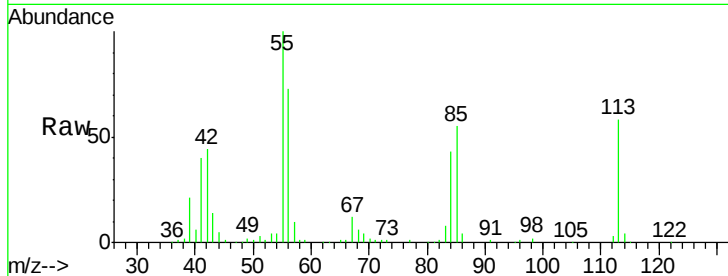
113 100

55 171.4 203.3 243.3#

56 124.4 140.5 180.5#

Manual Integrations
APPROVED

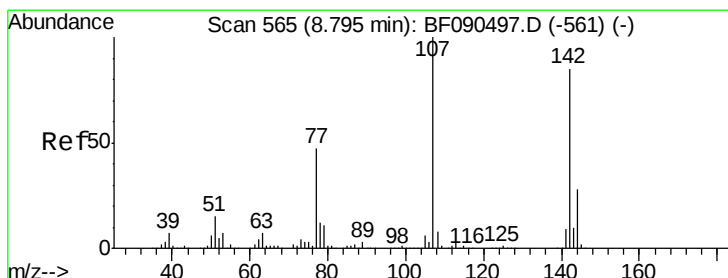
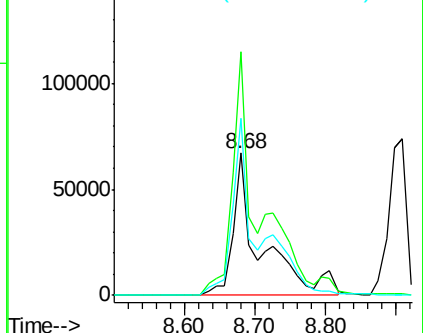
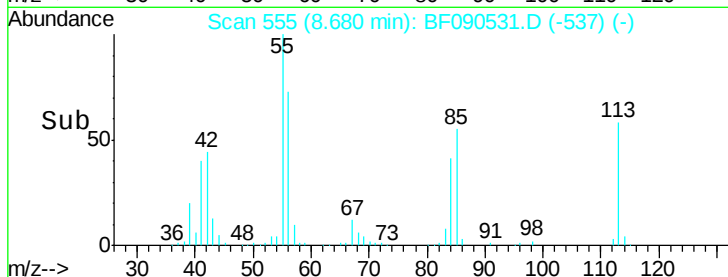
sohil
10/13/2016 2:04:32 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.21 ng/mL

RT: 8.81 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

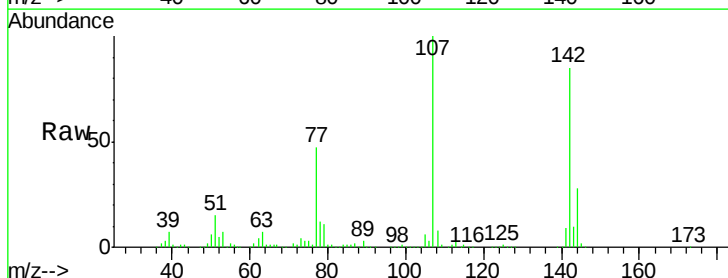
Tgt Ion:107 Resp: 571464

Ion Ratio Lower Upper

107 100

144 27.8 19.8 29.8

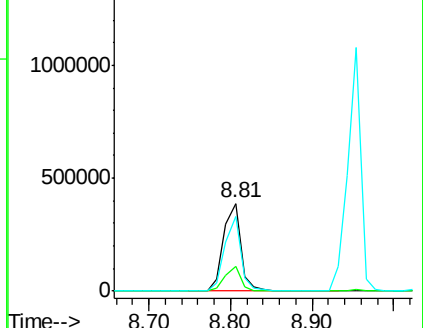
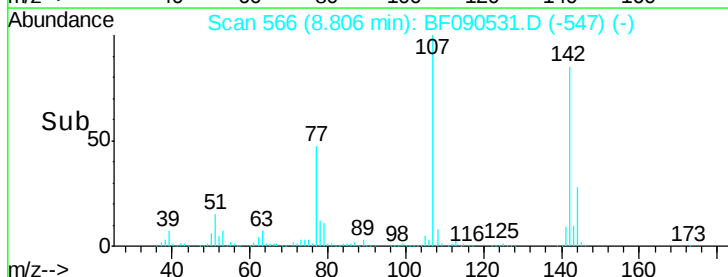
142 85.0 60.7 91.1

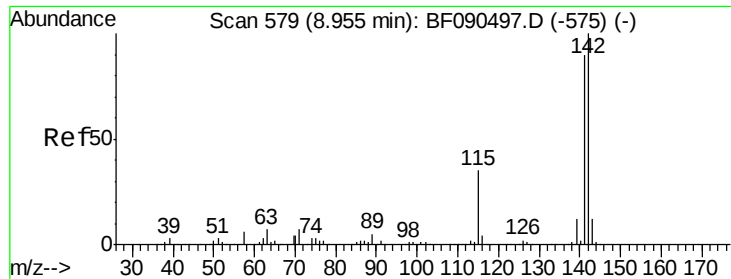


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





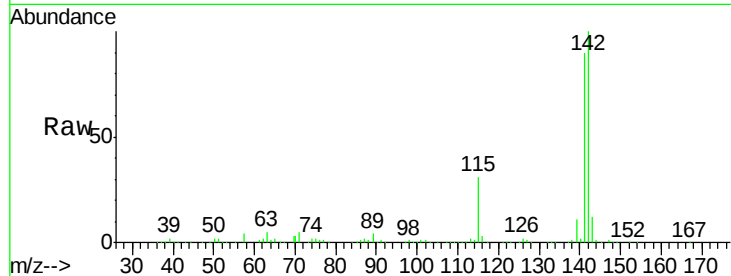
#37
2-Methylnaphthalene
Concen: 38.10 ng
RT: 8.95 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Instrument :
BNA_F
ClientSampleId :
PB93973BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.8	107.8
115	30.9	28.8	43.2

Manual Integrations
APPROVED

sohil
10/13/2016 2:04:32 PM

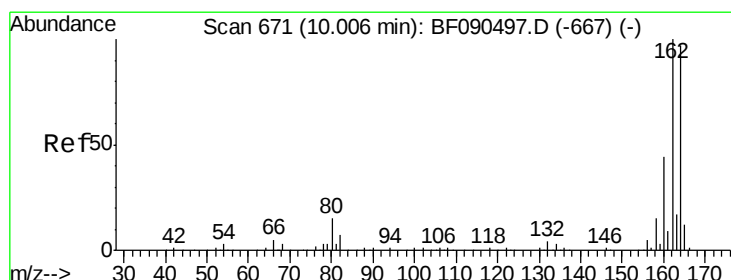
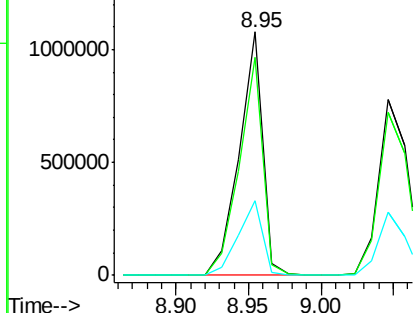
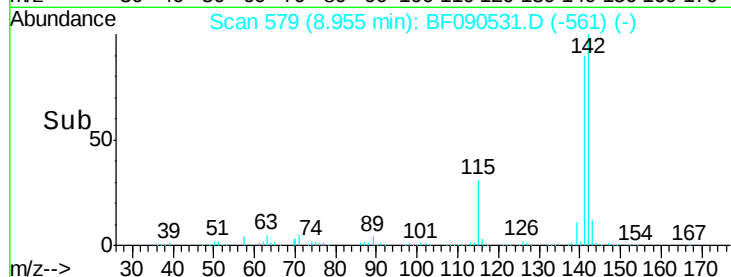


Abundance

Ion 142.00 (141.70 to 142.70): E

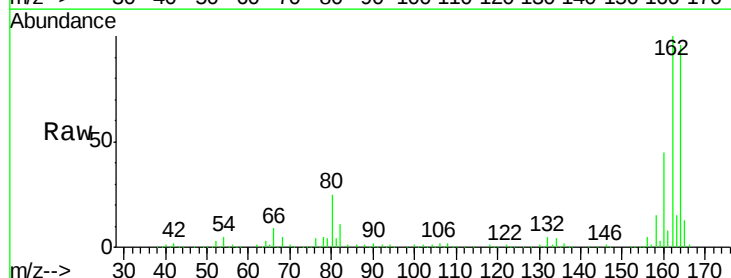
Ion 141.00 (140.70 to 141.70): E

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: BF090531.D
Acq: 12 Oct 2016 13:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.1	120.1
160	46.3	36.3	54.5

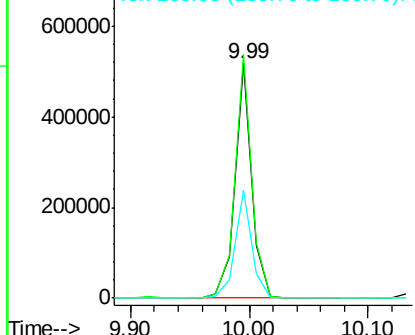
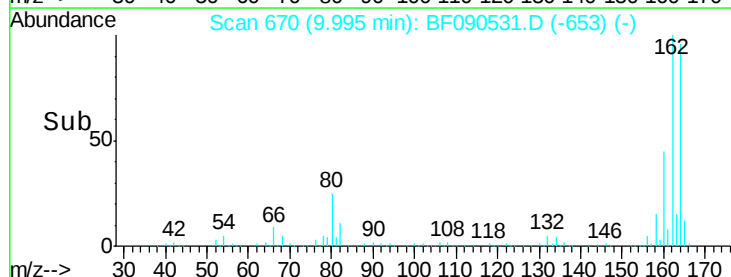


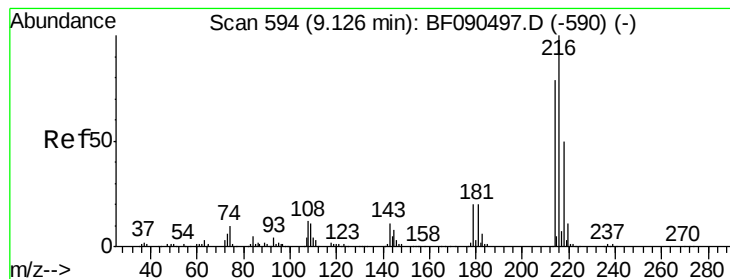
Abundance

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: 35.27 ng

RT: 9.11 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

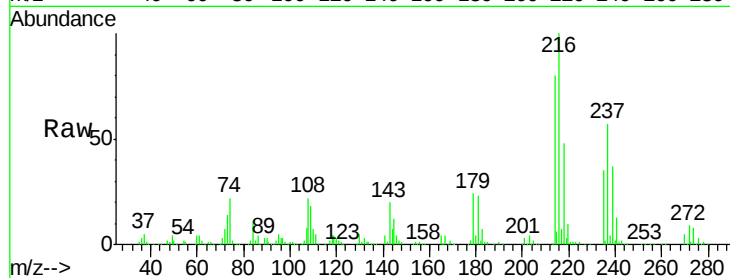
ClientSampleId :

PB93973BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		500256		
214	78.2		64.2	96.2	
179	21.9		18.0	27.0	
108	21.5		15.2	22.8	

Manual Integrations
APPROVED

sohil
10/13/2016 2:04:32 PM



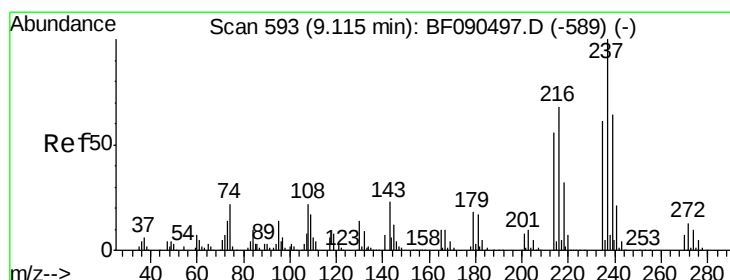
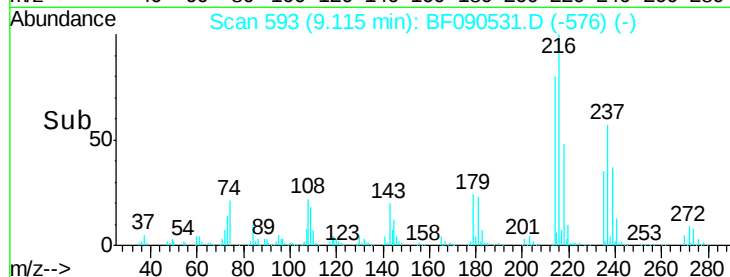
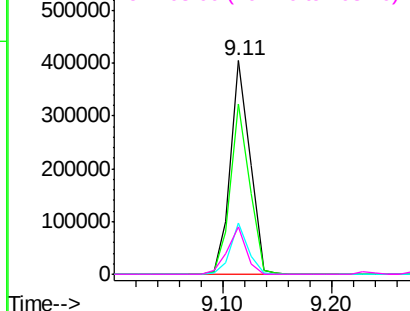
Abundance

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: 86.06 ng

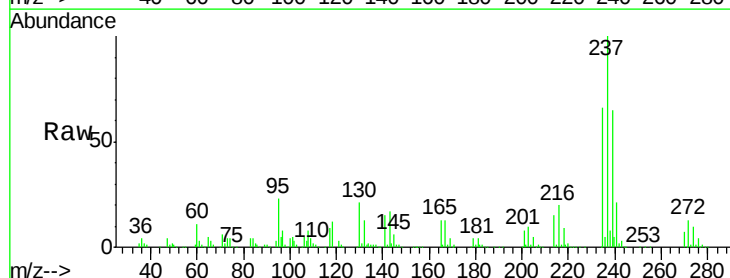
RT: 9.10 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		605939		
235	65.6		43.6	83.6	
272	12.6		0.0	32.7	

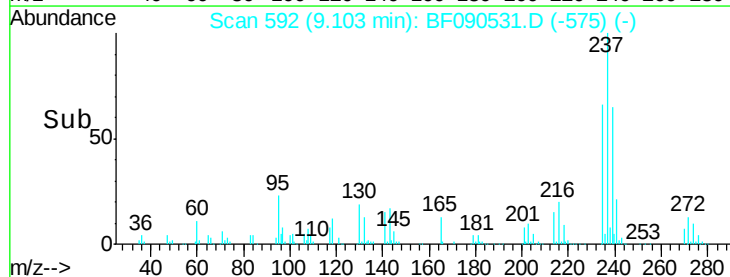
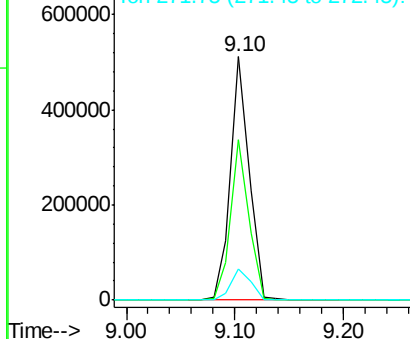


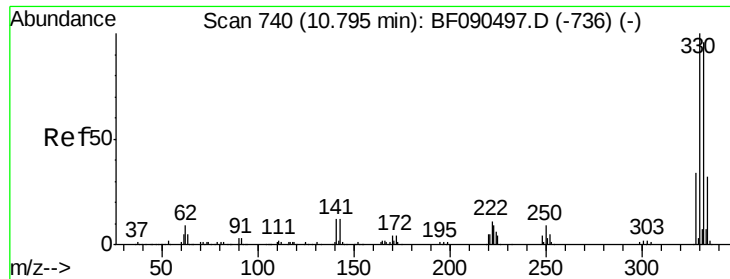
Abundance

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





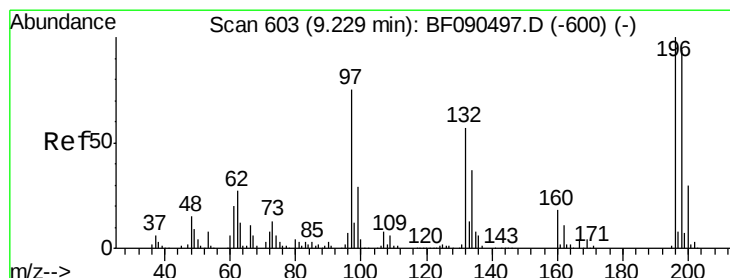
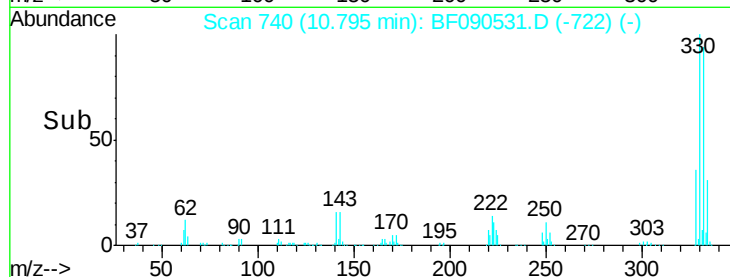
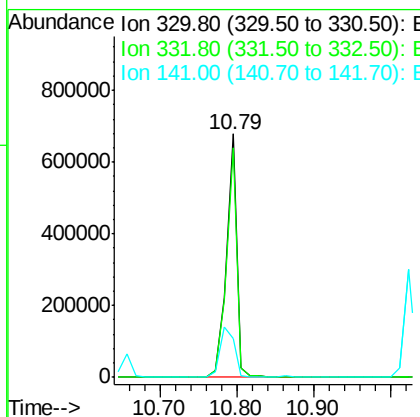
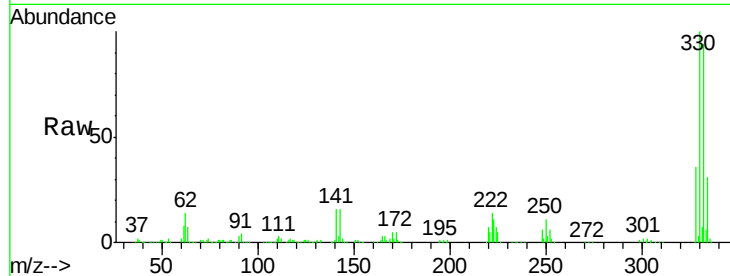
#41
 2,4,6-Tribromophenol
 Concen: 131.61 ng
 RT: 10.79 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

Instrument :
 BNA_F
 ClientSampleId :
 PB93973BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	661013		
332	95.2	75.4	113.0	
141	28.8	26.9	40.3	

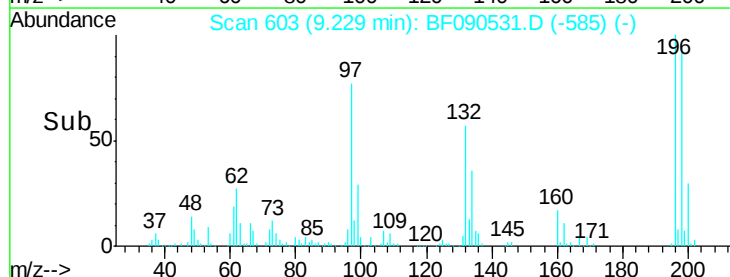
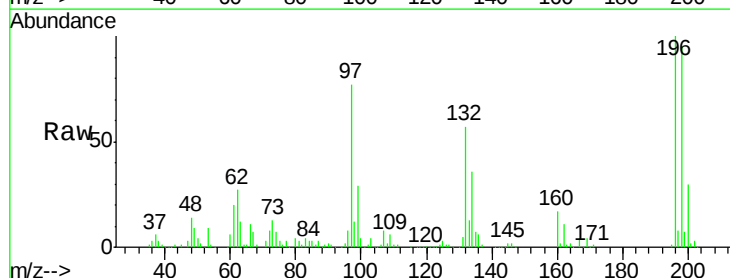
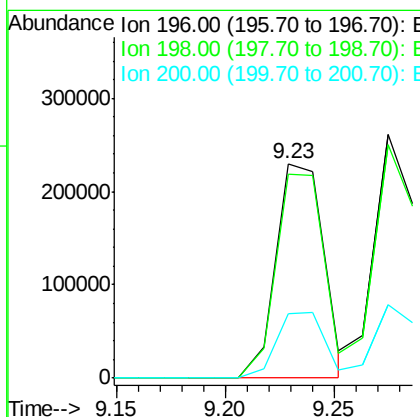
Manual Integrations
 APPROVED

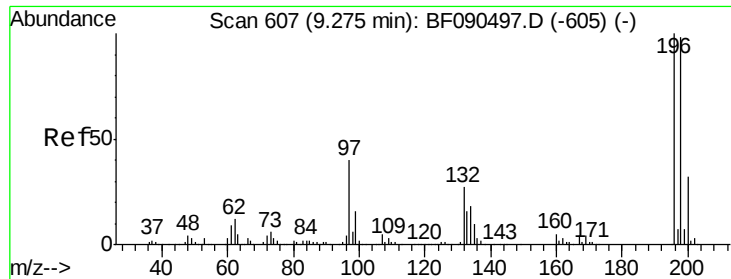
sohil
 10/13/2016 2:04:32 PM



#42
 2,4,6-Trichlorophenol
 Concen: 36.99 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	353755		
198	95.3	78.9	118.3	
200	30.0	25.4	38.2	





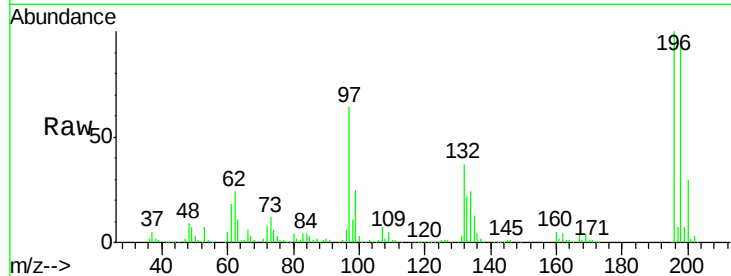
#43
 2,4,5-Trichlorophenol
 Concen: 38.81 ng
 RT: 9.27 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

Instrument :
 BNA_F
 ClientSampleId :
 PB93973BS

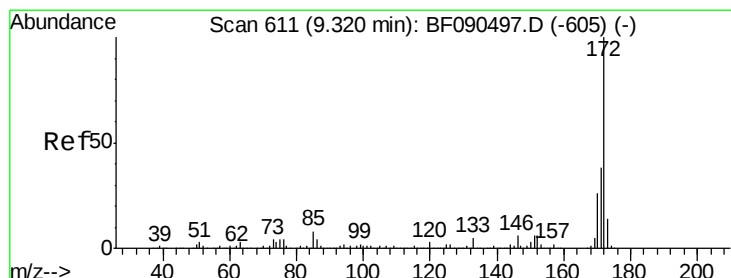
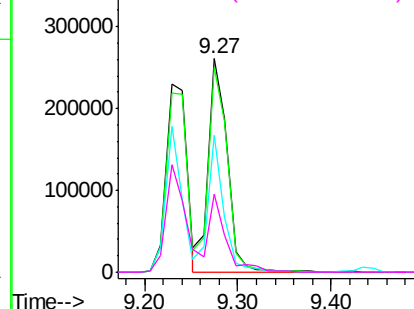
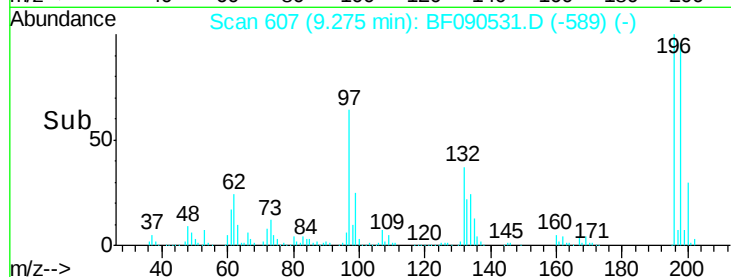
Tot Ion	Ratio	Resp	Lower	Upper
196	100	367345		
198	95.9	78.1	117.1	
97	64.0	48.1	72.1	
132	36.5	27.4	41.2	

Manual Integrations
 APPROVED

sohil
 10/13/2016 2:04:32 PM

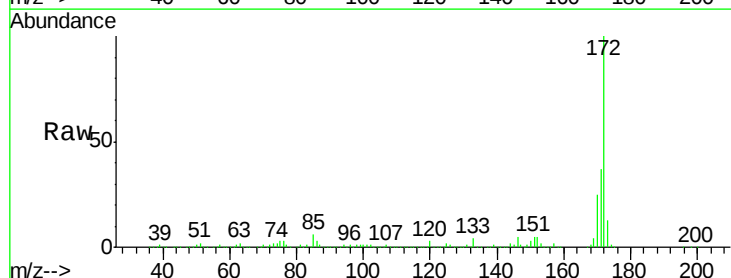


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

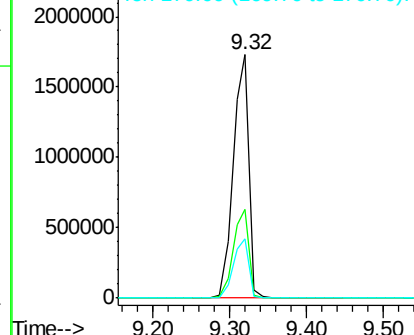
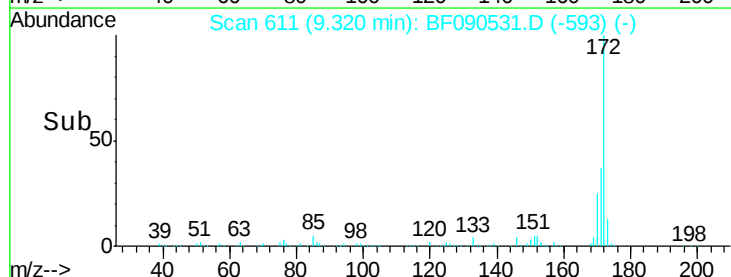


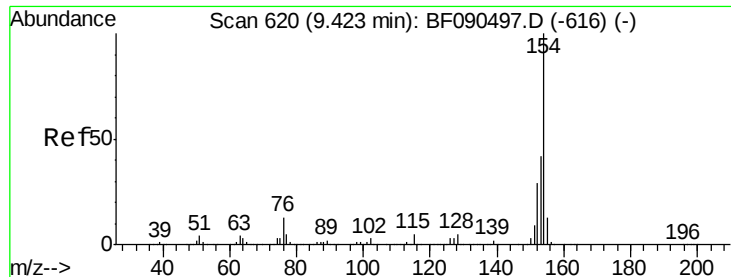
#44
 2-Fluorobiphenyl
 Concen: 82.64 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2491751		
171	36.7	31.8	47.8	
170	24.6	21.7	32.5	



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





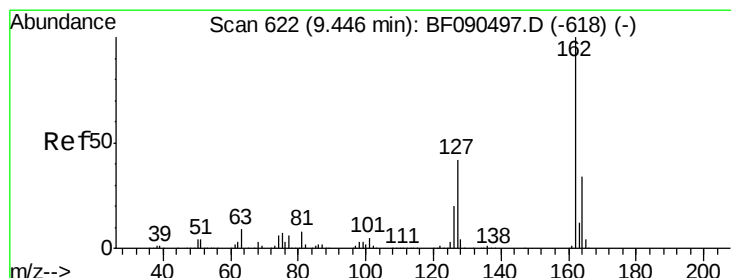
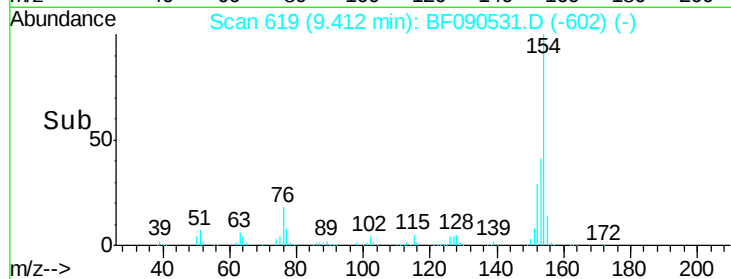
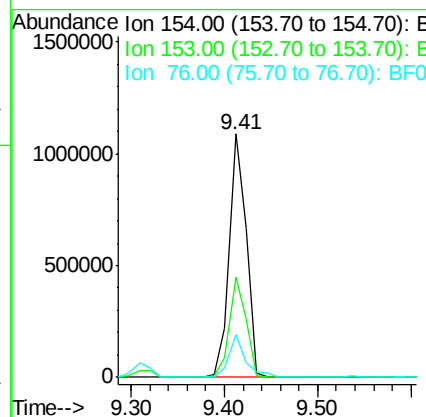
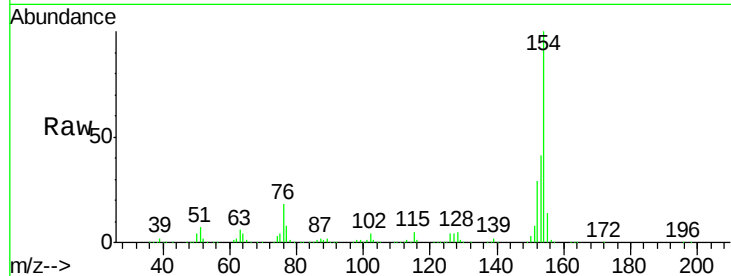
#45
 1,1'-Biphenyl
 Concen: 35.62 ng
 RT: 9.41 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

Instrument :
 BNA_F
 ClientSampleId :
 PB93973BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	23.8	63.8
76	17.7	0.0	35.8

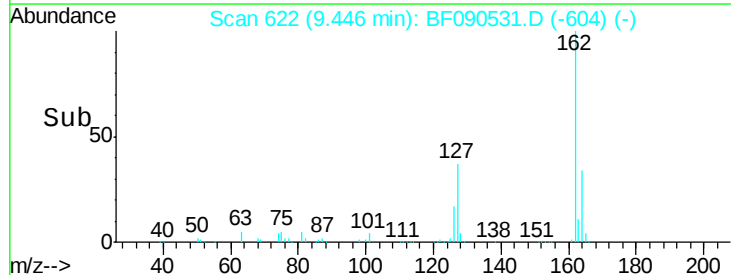
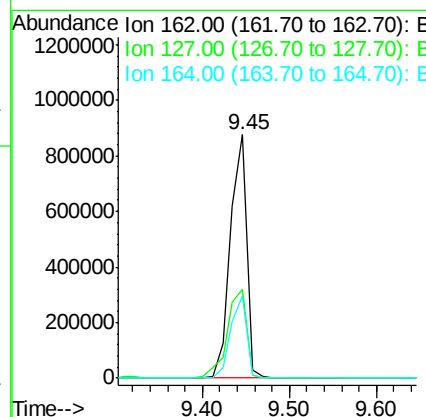
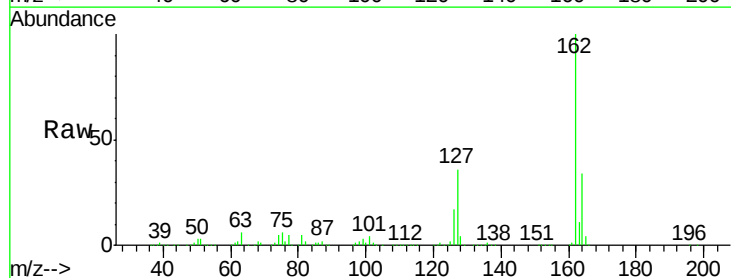
Manual Integrations
 APPROVED

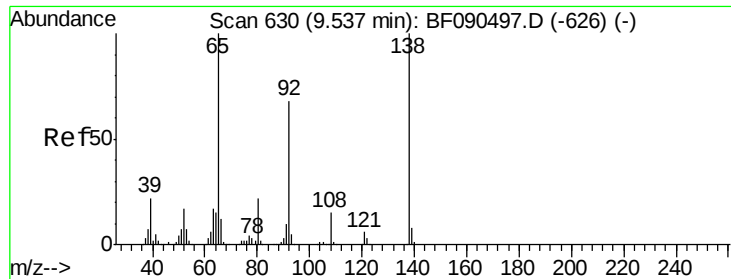
sohil
 10/13/2016 2:04:32 PM



#46
 2-Chloronaphthalene
 Concen: 39.63 ng
 RT: 9.45 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.5	35.6	53.4
164	33.8	27.5	41.3





#47

2-Nitroaniline

Concen: 34.23 ng

RT: 9.54 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

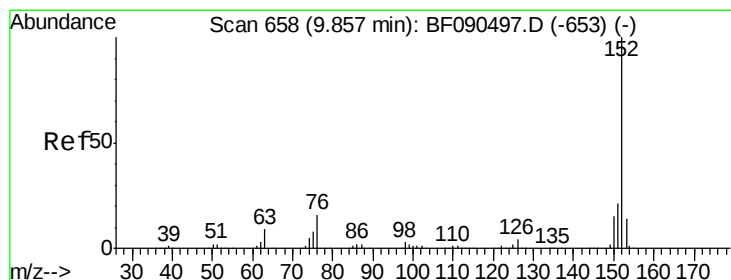
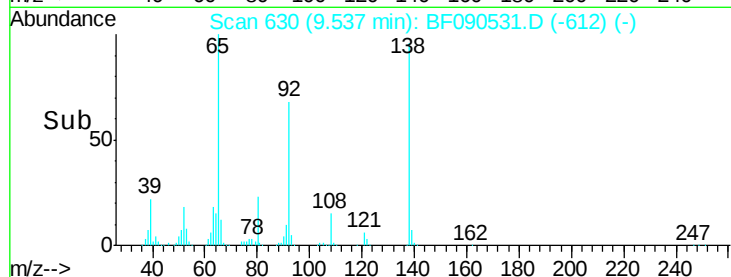
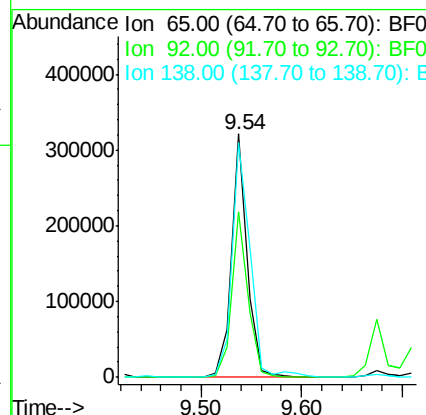
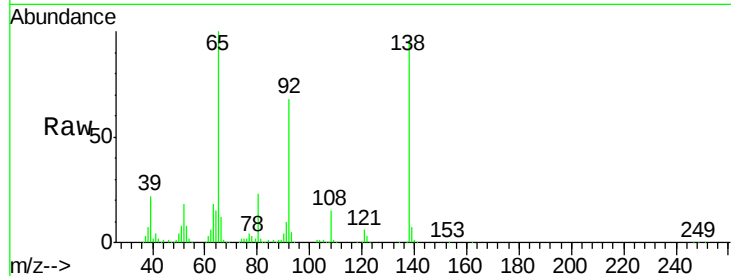
ClientSampleId :

PB93973BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.8	51.7	77.5
138	96.4	79.0	118.4

Manual Integrations
APPROVED

sohil
10/13/2016 2:04:32 PM



#48

Acenaphthylene

Concen: 35.87 ng

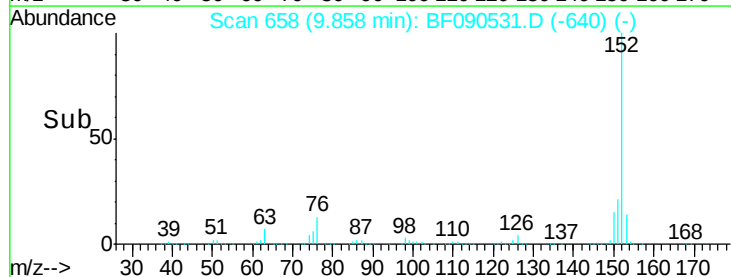
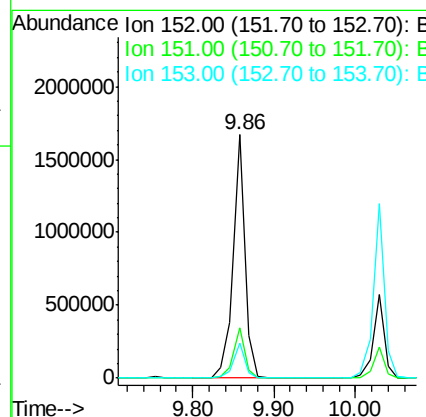
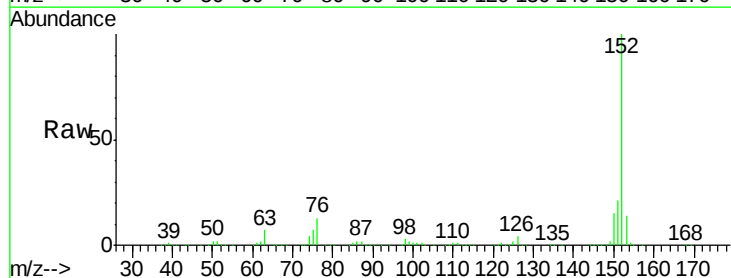
RT: 9.86 min Scan# 658

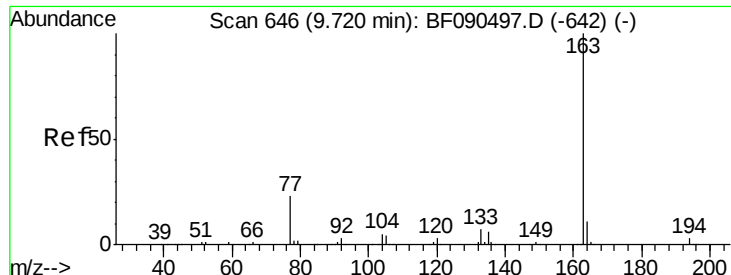
Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.4	26.0
153	14.1	11.6	17.4





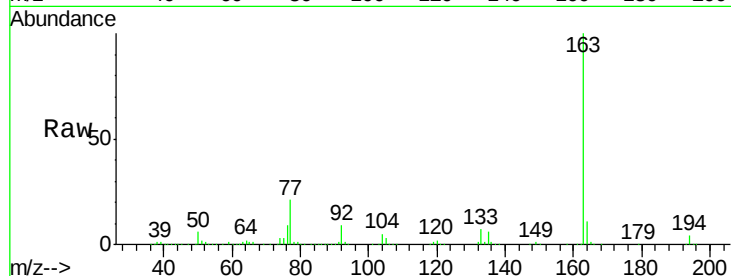
#49
Dimethylphthalate
Concen: 39.32 ng
RT: 9.72 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Instrument :
BNA_F
ClientSampleId :
PB93973BS

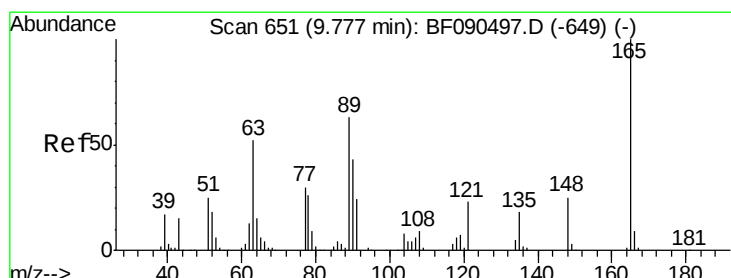
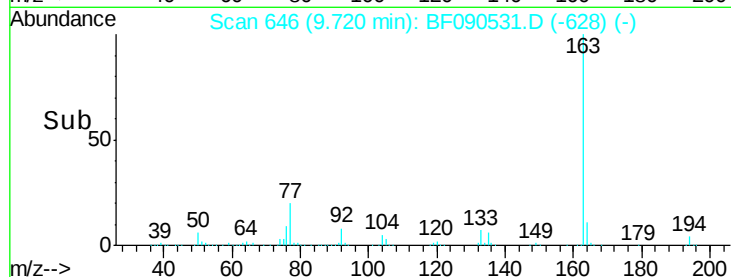
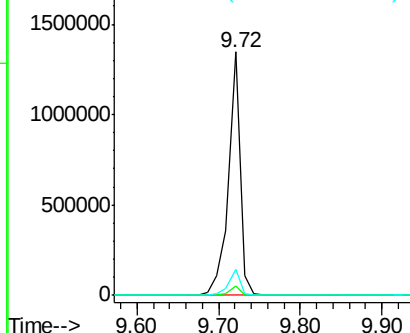
Tot Ion:163 Resp: 1339768
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.6 9.0 13.4

Manual Integrations
APPROVED

sohil
10/13/2016 2:04:32 PM

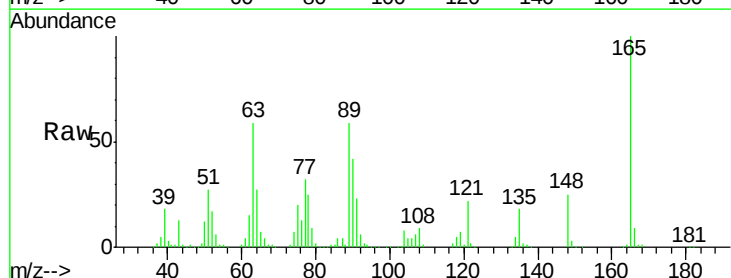


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

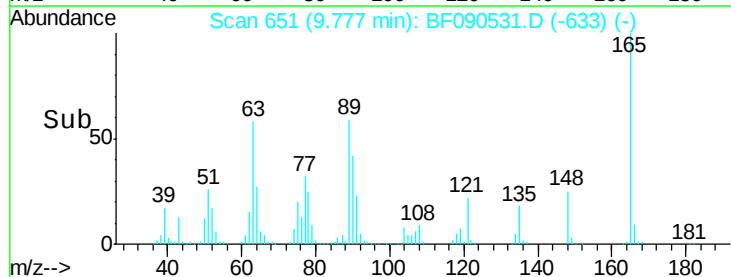
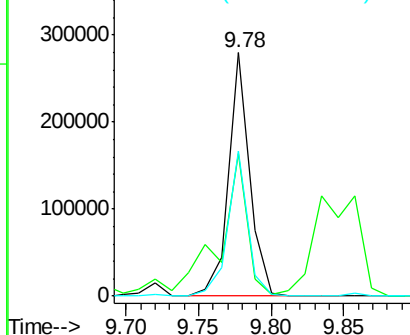


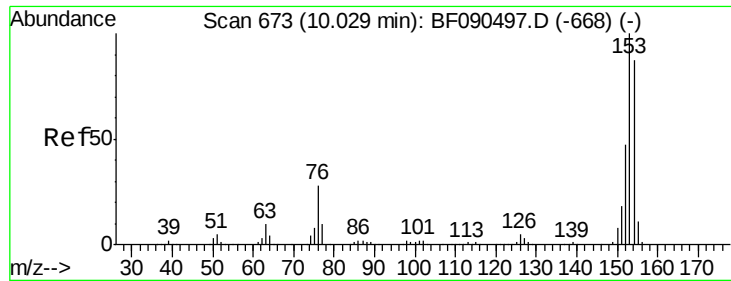
#50
2,6-Dinitrotoluene
Concen: 37.64 ng
RT: 9.78 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Tgt Ion:165 Resp: 283199
Ion Ratio Lower Upper
165 100
63 58.7 58.0 87.0
89 59.4 51.2 76.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.69 ng

RT: 10.03 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

Tot Ion:154 Resp: 1142190

Ion Ratio Lower Upper

154 100

153 113.6 88.6 133.0

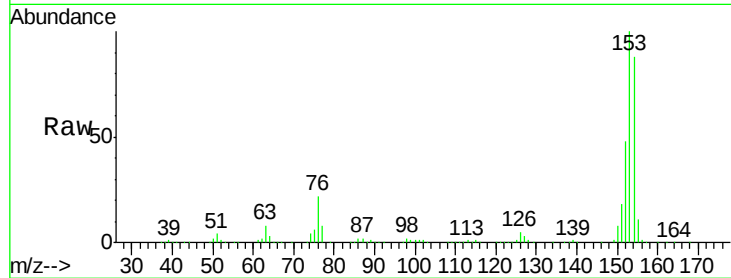
152 54.7 42.6 64.0

Manual Integrations

APPROVED

sohil

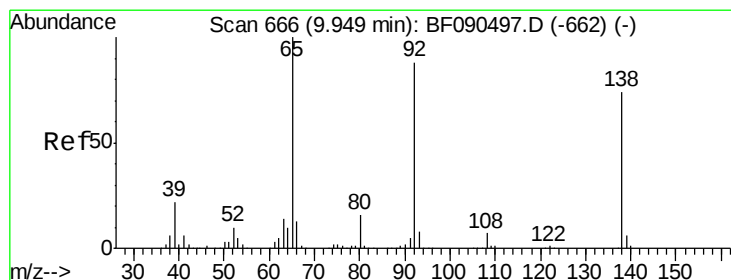
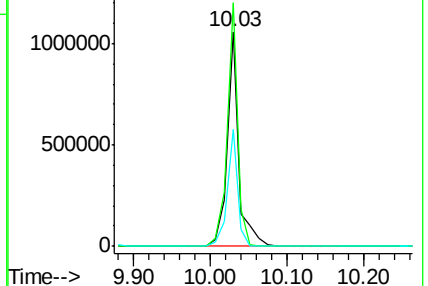
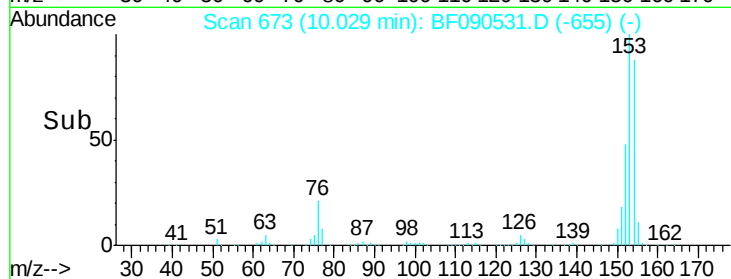
10/13/2016 2:04:32 PM



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: 15.85 ng

RT: 9.95 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

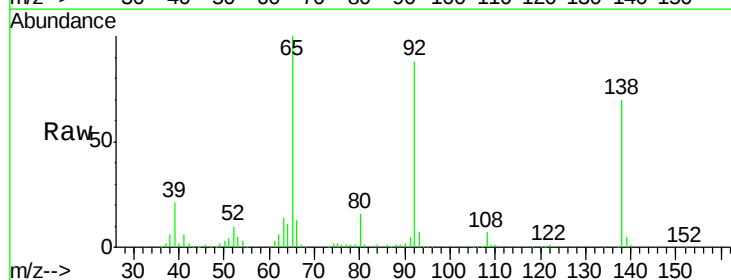
Tgt Ion:138 Resp: 147986

Ion Ratio Lower Upper

138 100

108 10.3 9.7 14.5

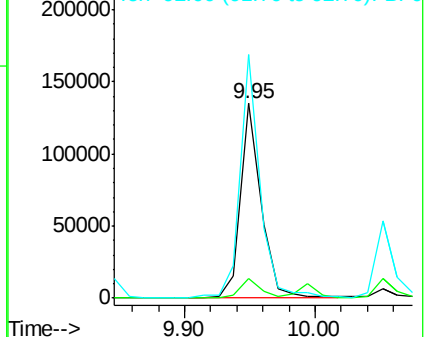
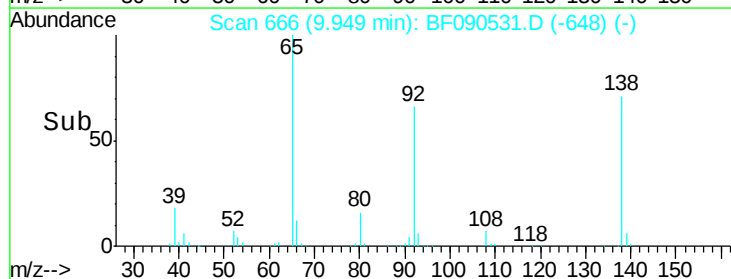
92 125.0 97.1 145.7

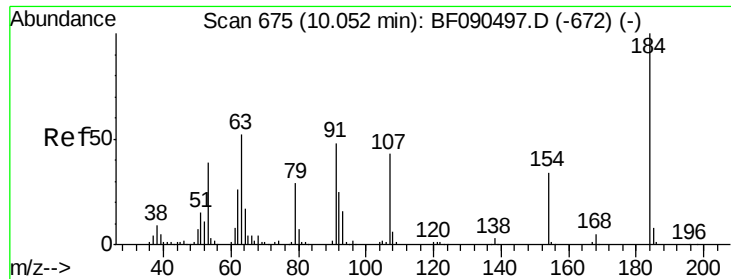


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





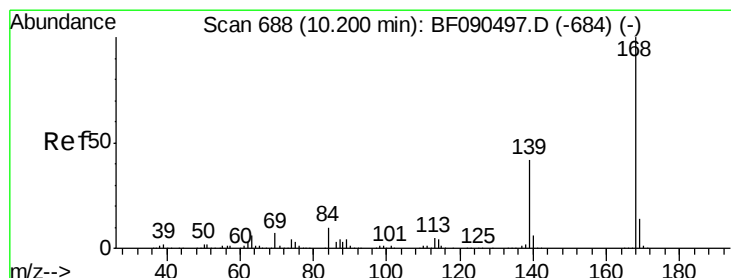
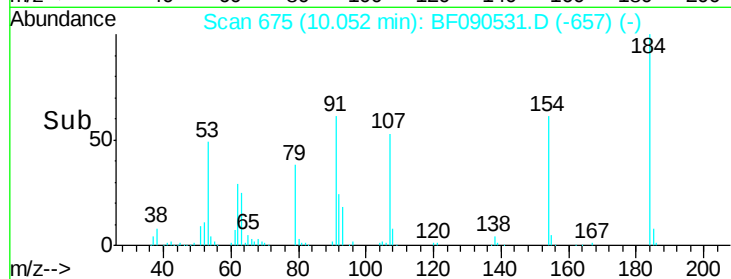
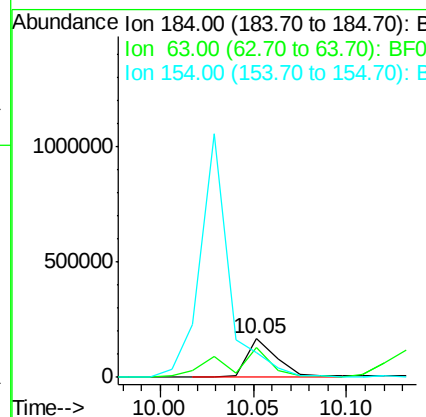
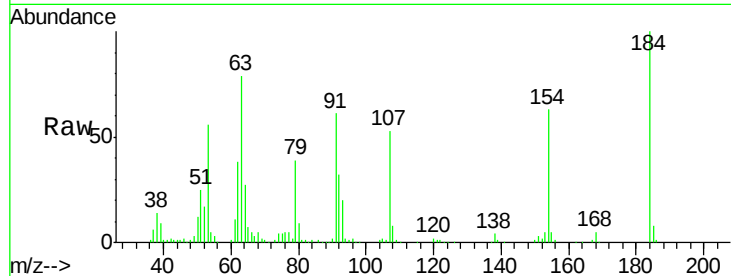
#53
2,4-Dinitrophenol
Concen: 45.83 ng
RT: 10.05 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Instrument :
BNA_F
ClientSampleId :
PB93973BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	191332		
63	78.6	41.9	62.9#	
154	62.8	48.9	73.3	

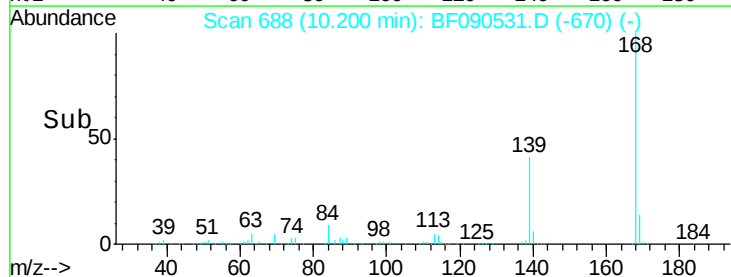
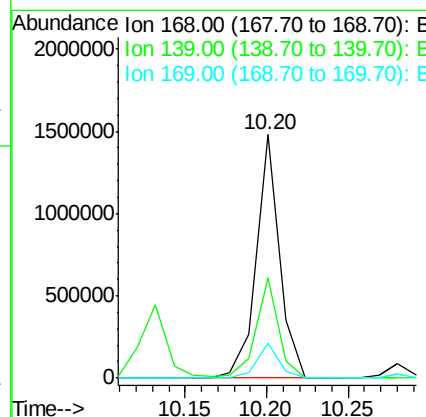
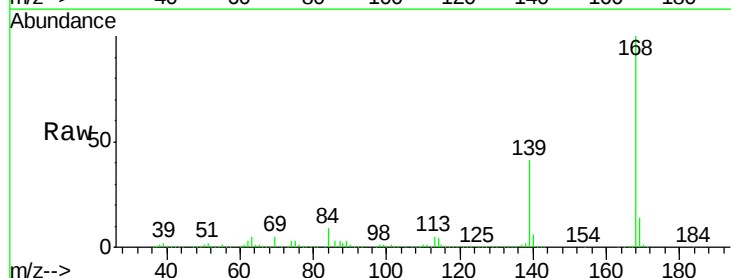
Manual Integrations
APPROVED

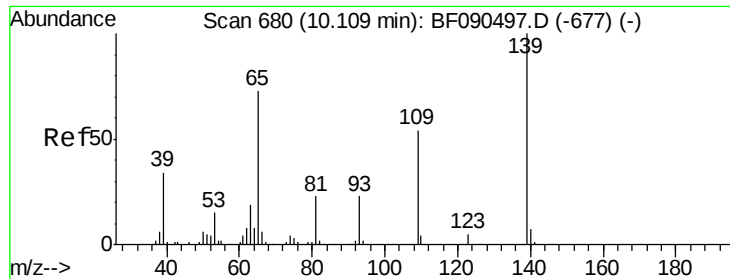
sohil
10/13/2016 2:04:32 PM



#54
Dibenzofuran
Concen: 35.48 ng
RT: 10.20 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1469770		
139	41.2	29.6	44.4	
169	14.2	11.3	16.9	





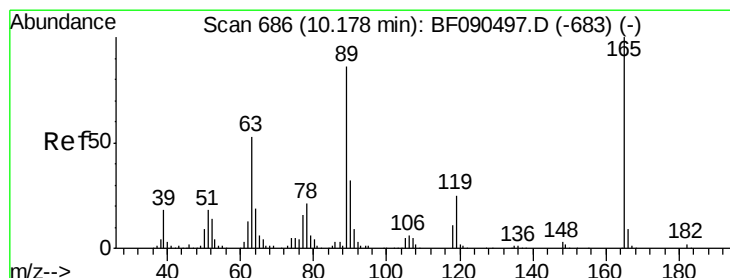
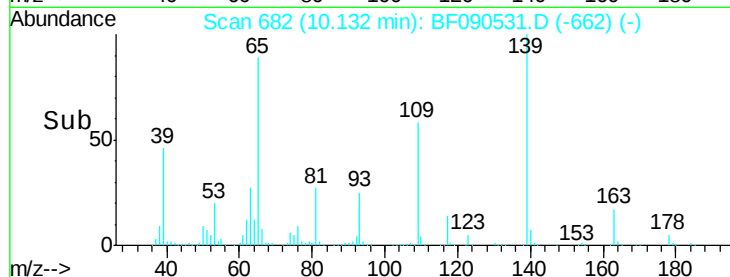
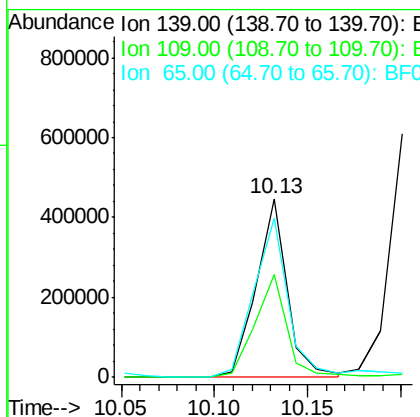
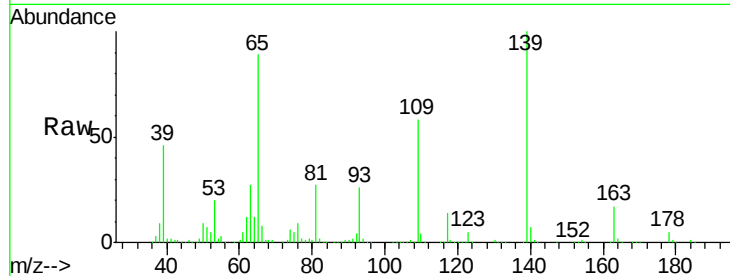
#55
4-Nitrophenol
Concen: 70.81 ng
RT: 10.13 min Scan# 682
Delta R.T. 0.02 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Instrument :
BNA_F
ClientSampleId :
PB93973BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	513654		
109	57.9	43.6	83.6	
65	89.2	87.5	127.5	

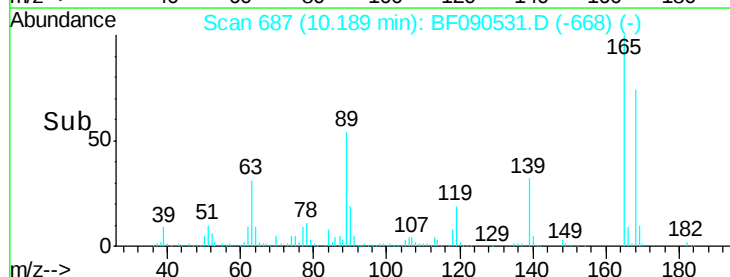
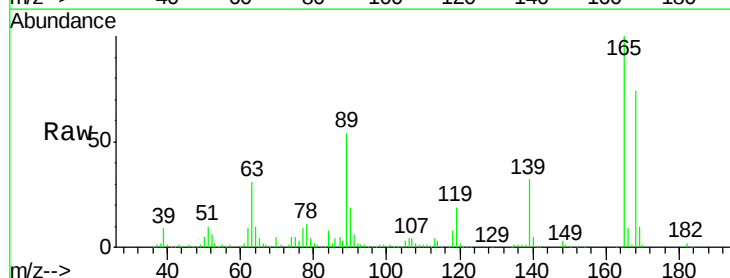
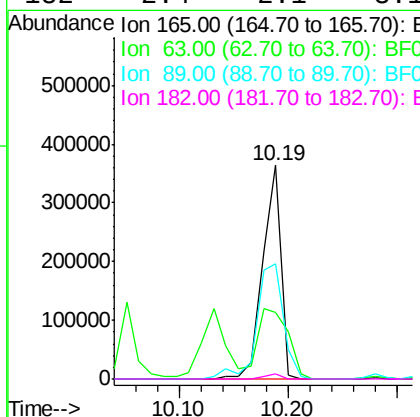
Manual Integrations
APPROVED

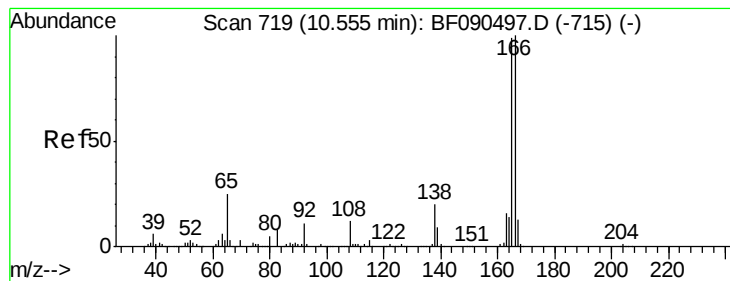
sohil
10/13/2016 2:04:32 PM



#56
2,4-Dinitrotoluene
Concen: 43.30 ng
RT: 10.19 min Scan# 687
Delta R.T. 0.01 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	430897		
63	31.1	17.8	26.6#	
89	53.7	33.2	49.8#	
182	2.4	2.1	3.1	





#57

Fluorene

Concen: 34.81 ng

RT: 10.54 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

Tot Ion:166 Resp: 1177301

Ion Ratio Lower Upper

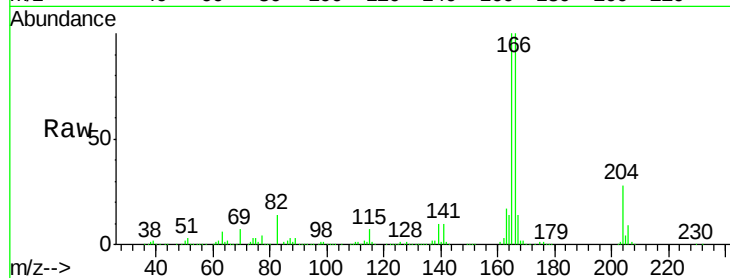
166 100

165 100.1 79.2 118.8

167 14.2 11.1 16.7

Manual Integrations
APPROVED

sohil
10/13/2016 2:04:32 PM

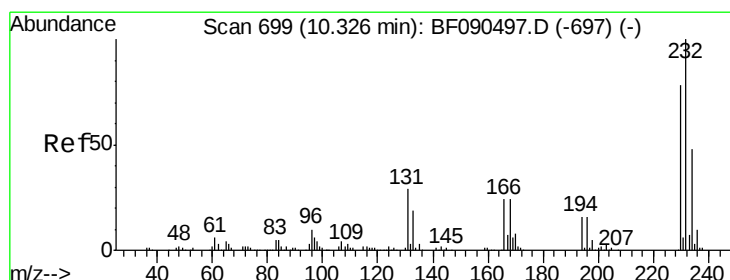
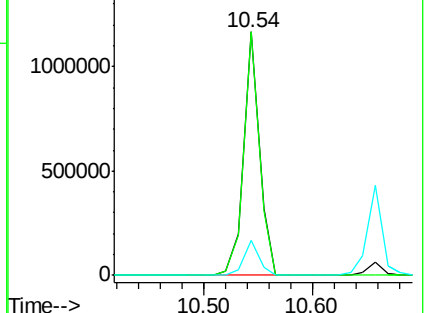
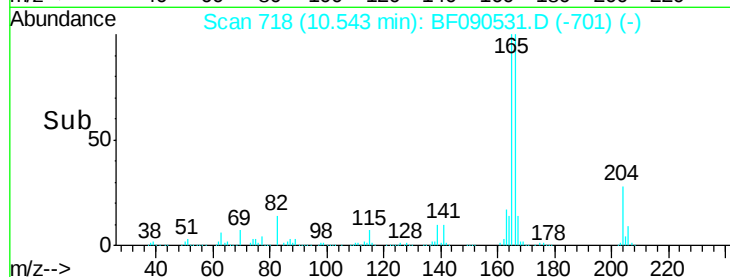


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.91 ng

RT: 10.33 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Tgt Ion:232 Resp: 315066

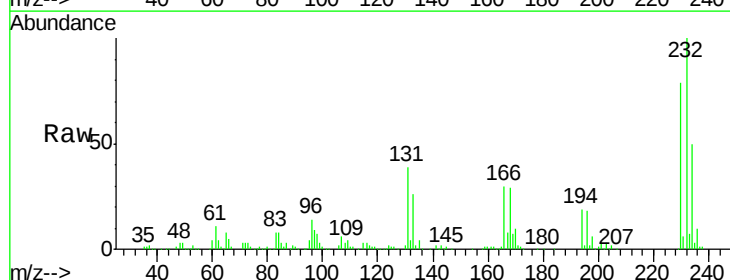
Ion Ratio Lower Upper

232 100

131 47.0 34.5 51.7

130 2.1 1.6 2.4

166 31.7 23.8 35.8



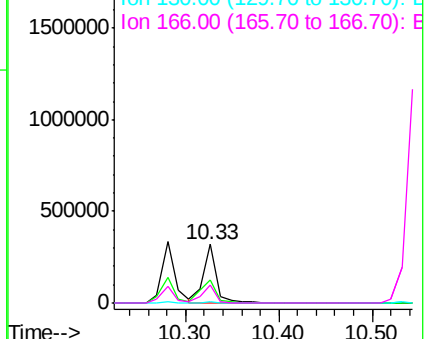
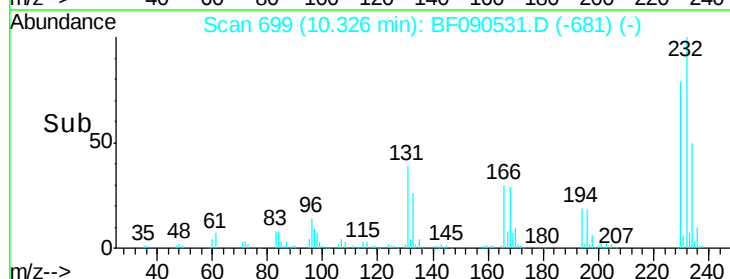
Abundance

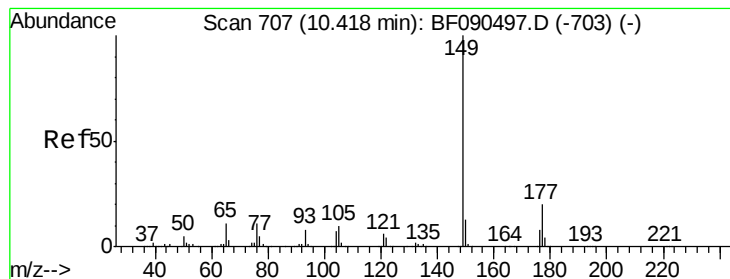
Ion 232.00 (231.70 to 232.70): E

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: 37.20 ng

RT: 10.42 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

Tot Ion:149 Resp: 1289280

Ion Ratio Lower Upper

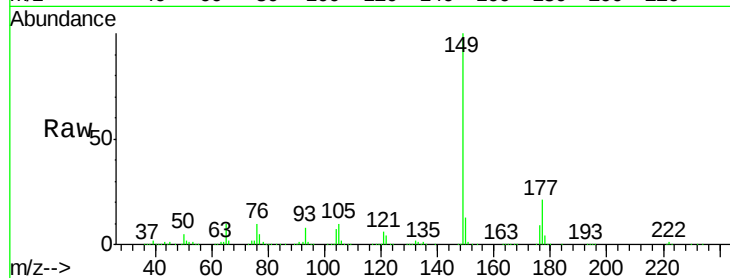
149 100

177 21.5 21.1 31.7

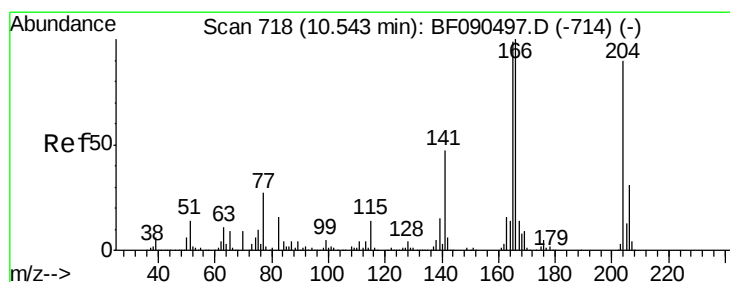
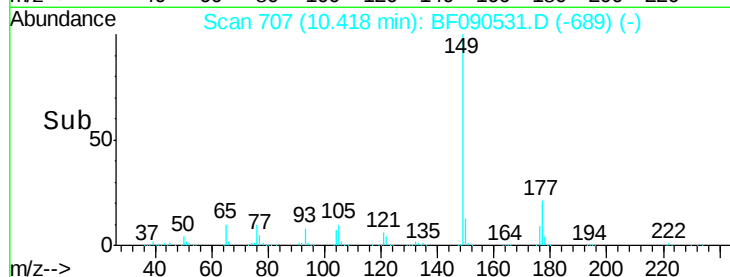
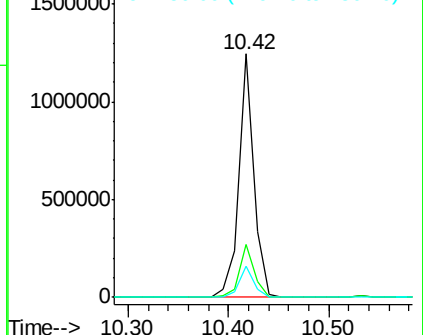
150 13.0 10.2 15.2

Manual Integrations
APPROVED

sohil
10/13/2016 2:04:32 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.43 ng

RT: 10.53 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

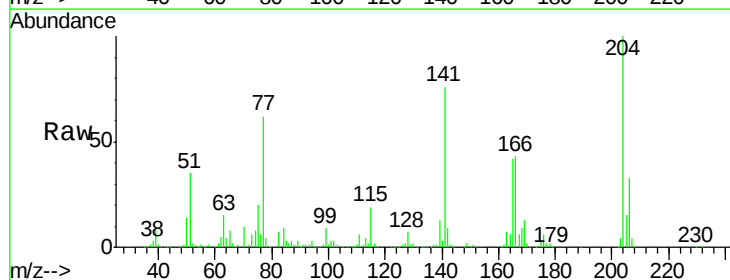
Tgt Ion:204 Resp: 568417

Ion Ratio Lower Upper

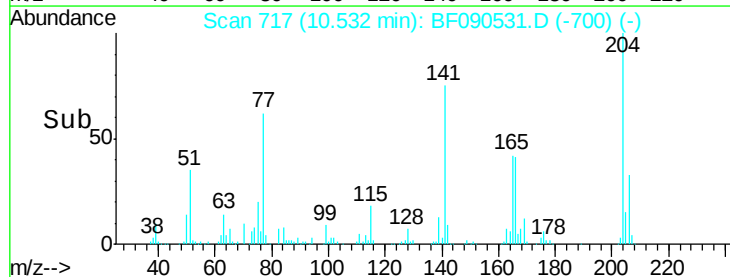
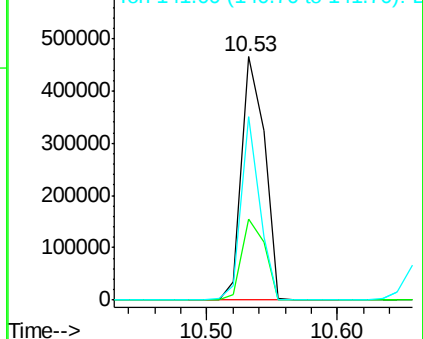
204 100

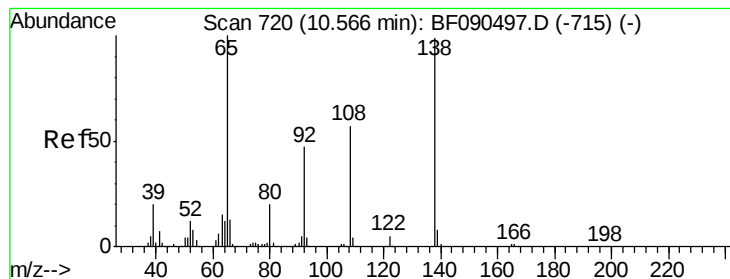
206 33.2 26.7 40.1

141 75.6 51.7 77.5



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





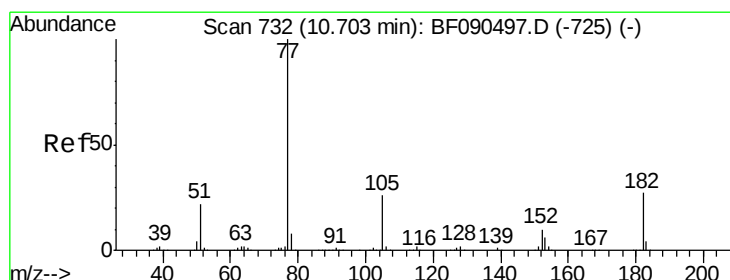
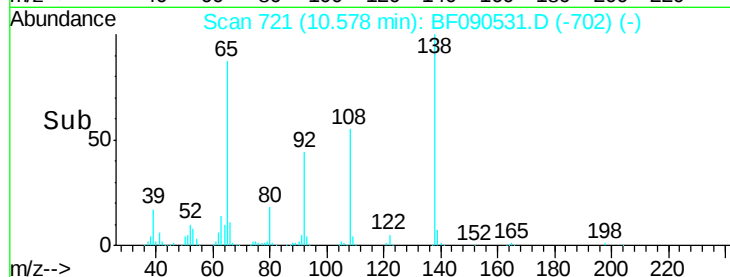
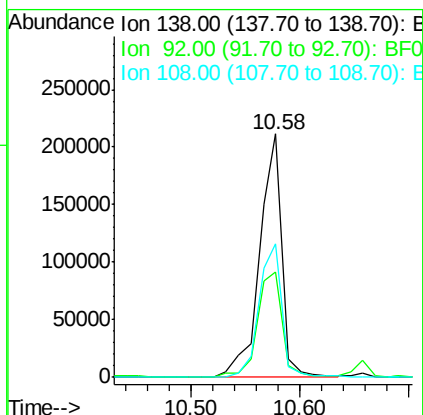
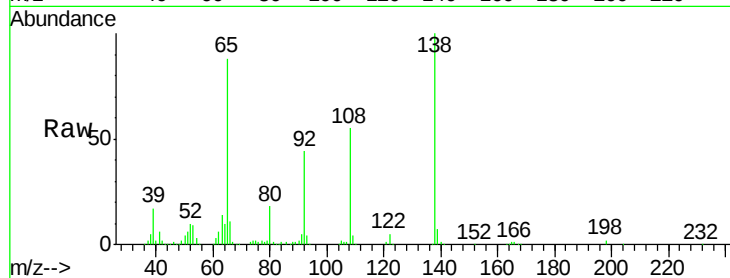
#61
4-Nitroaniline
Concen: 31.79 ng
RT: 10.58 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Instrument :
BNA_F
ClientSampleId :
PB93973BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.5	33.2	73.2
108	54.9	48.5	88.5

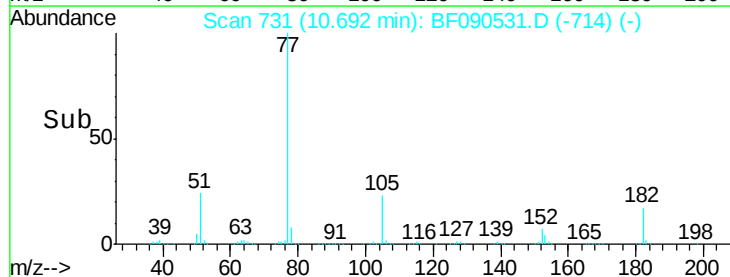
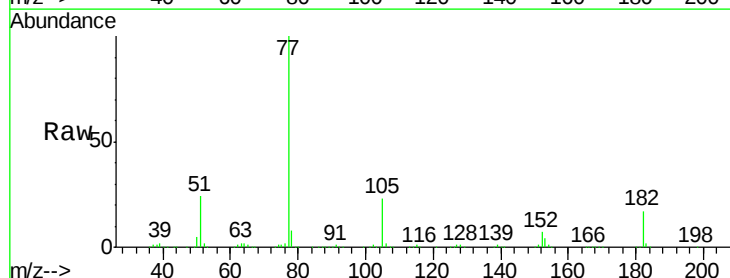
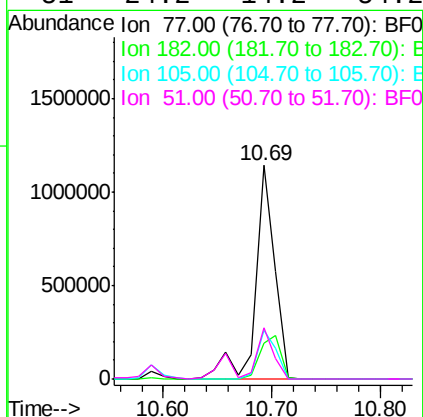
Manual Integrations
APPROVED

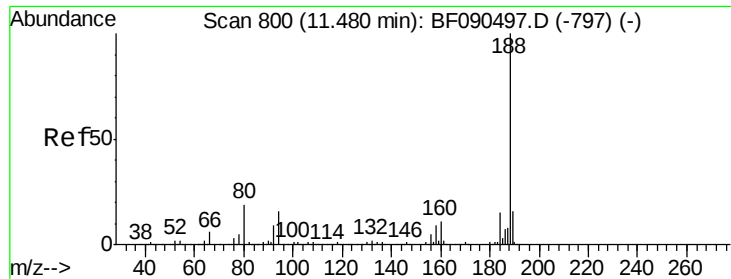
sohil
10/13/2016 2:04:32 PM



#62
Azobenzene
Concen: 37.48 ng
RT: 10.69 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.0	3.2	43.2
105	22.8	2.9	42.9
51	24.2	14.2	54.2





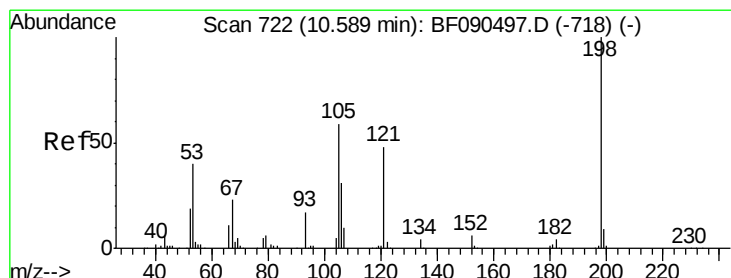
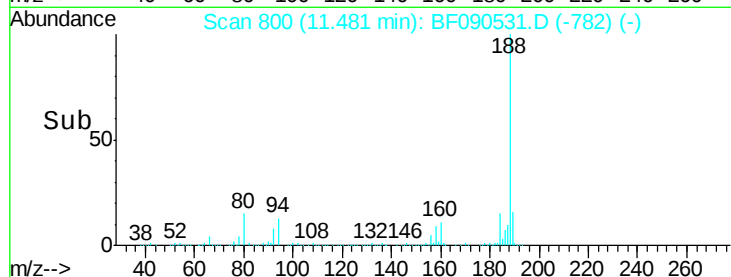
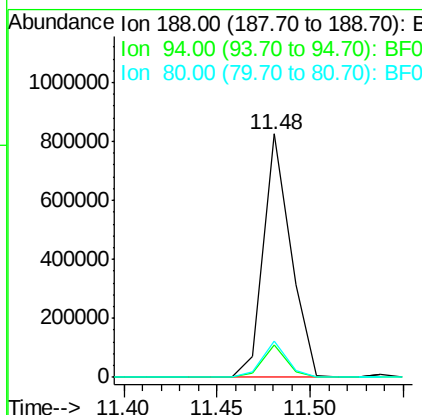
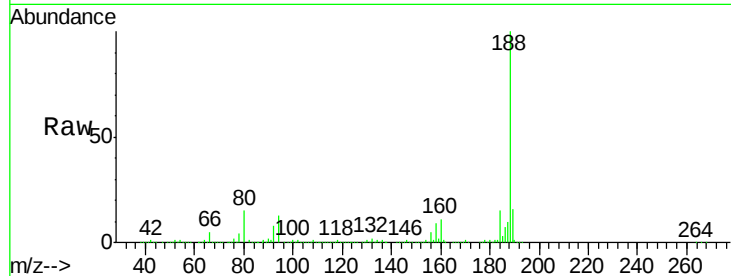
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Instrument :
BNA_F
ClientSampleId :
PB93973BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	836824		
94	13.1	8.2	12.2#	
80	14.8	8.8	13.2#	

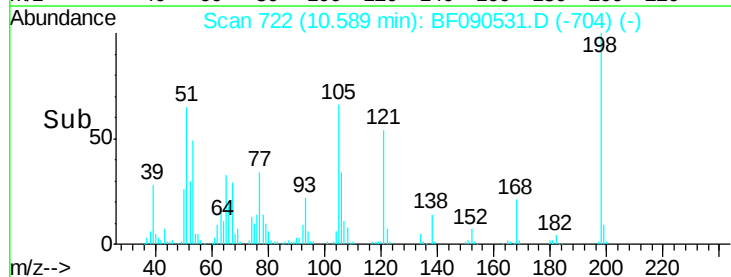
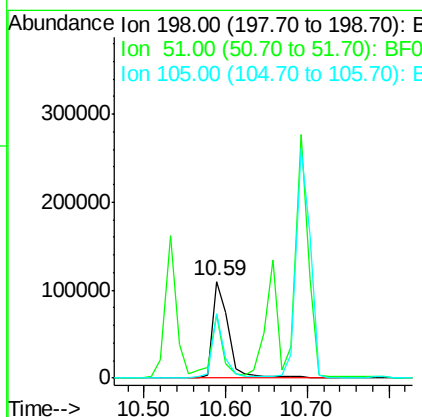
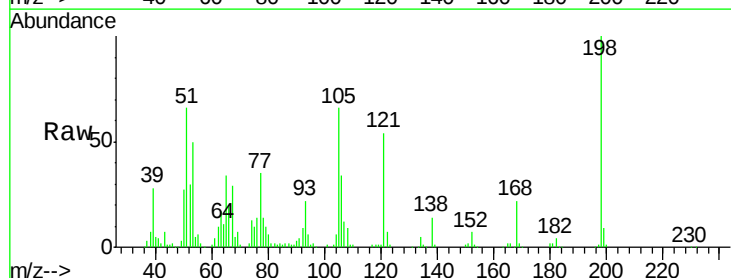
Manual Integrations
APPROVED

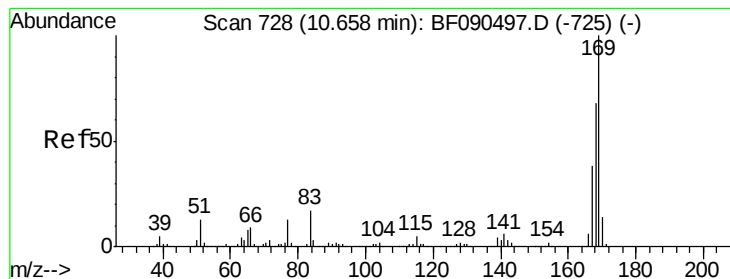
sohil
10/13/2016 2:04:32 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 26.52 ng
RT: 10.59 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	148247		
51	65.8	67.3	107.3#	
105	66.3	42.6	82.6	





#65

n-Nitrosodiphenylamine

Concen: 39.70 ng

RT: 10.66 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

Tot Ion:169 Resp: 1080212

Ion Ratio Lower Upper

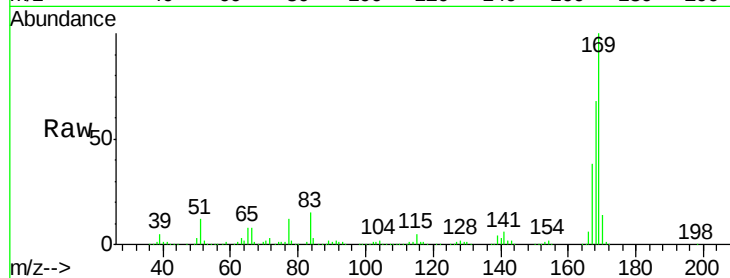
169 100

168 68.2 53.8 80.6

167 37.6 29.8 44.8

Manual Integrations
APPROVED

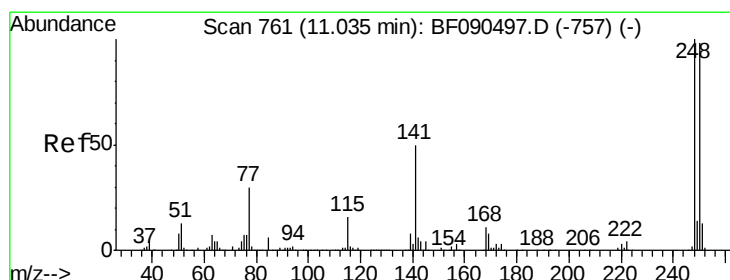
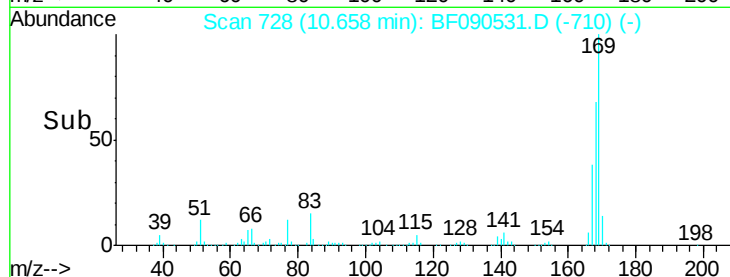
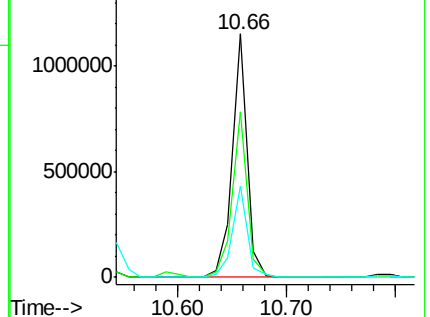
sohil
10/13/2016 2:04:32 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.40 ng

RT: 11.02 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

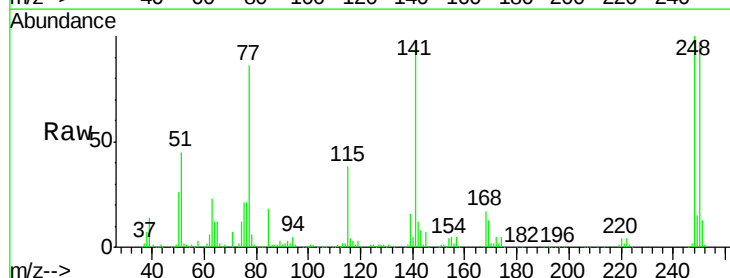
Tgt Ion:248 Resp: 346787

Ion Ratio Lower Upper

248 100

250 96.8 76.5 114.7

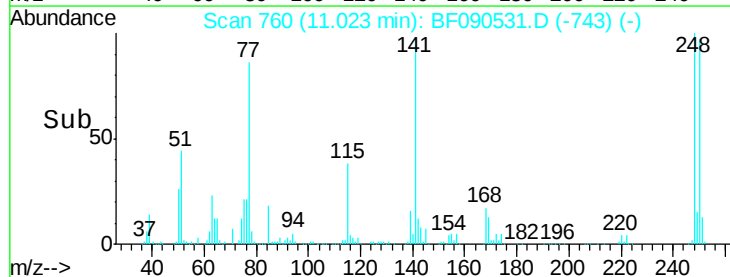
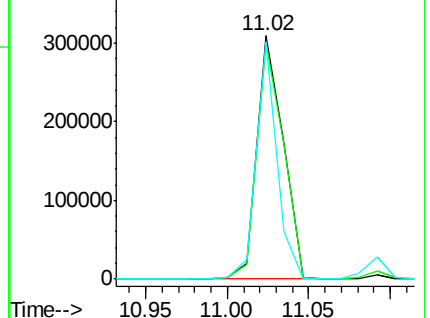
141 97.6 59.8 89.6#

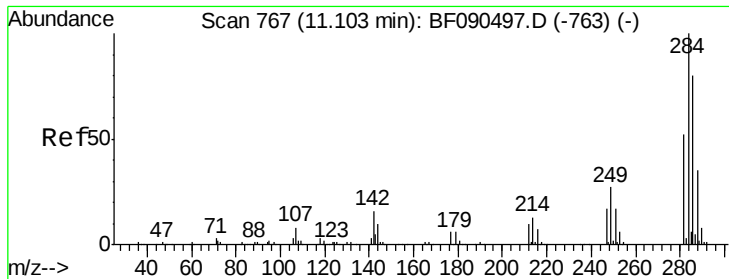


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.15 ng

RT: 11.09 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

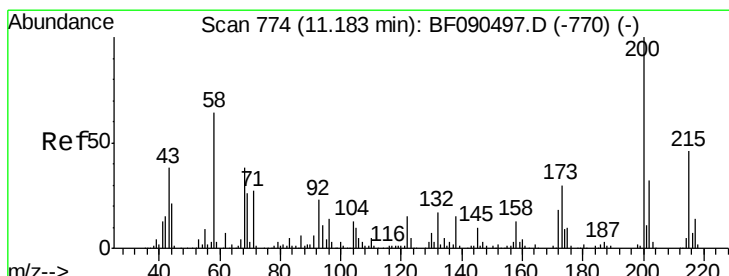
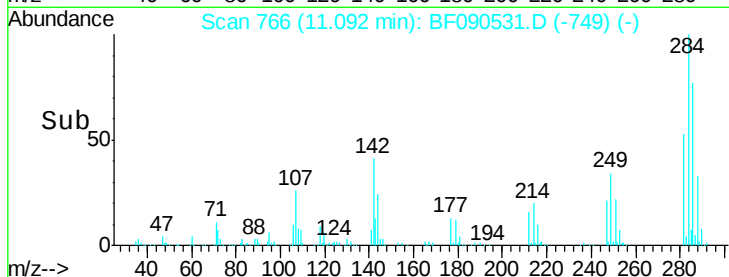
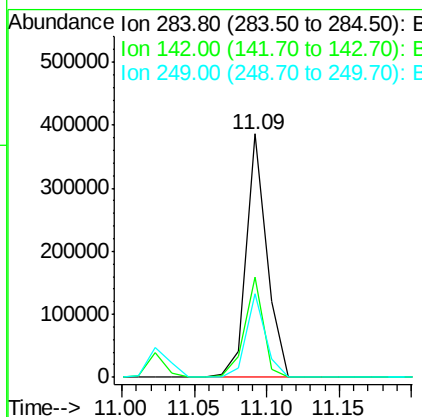
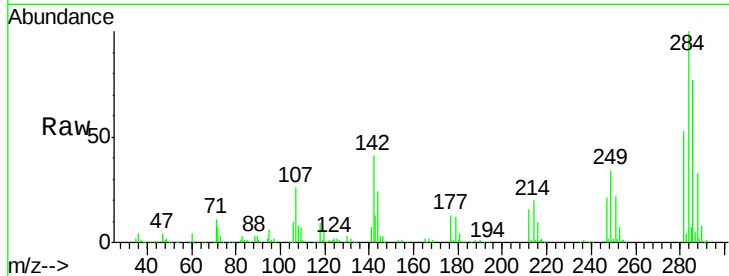
ClientSampleId :

PB93973BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	380489		
142	41.2	23.1	34.7#	
249	34.4	26.3	39.5	

Manual Integrations
APPROVED

sohil
10/13/2016 2:04:32 PM



#68

Atrazine

Concen: 36.81 ng

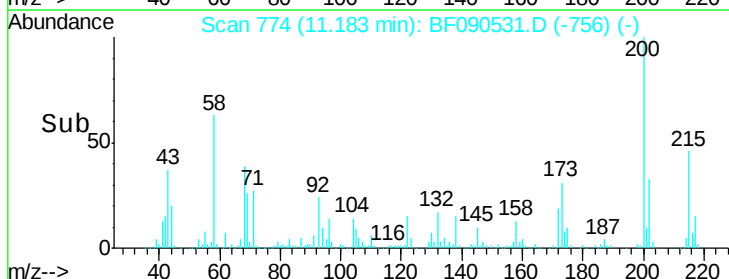
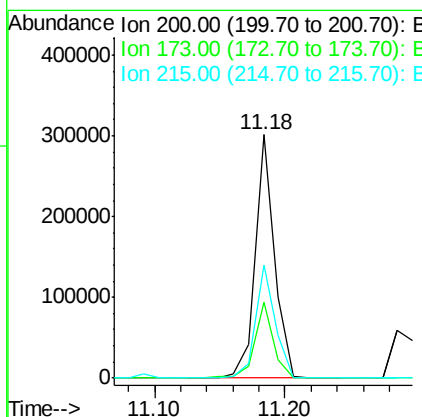
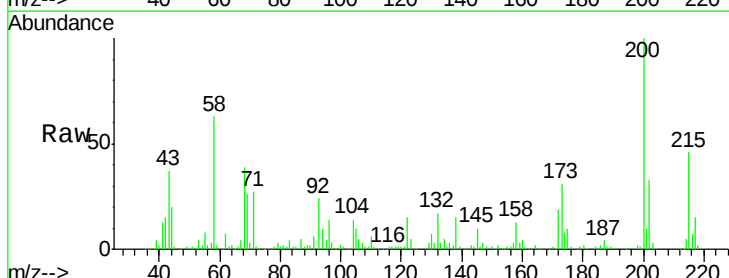
RT: 11.18 min Scan# 774

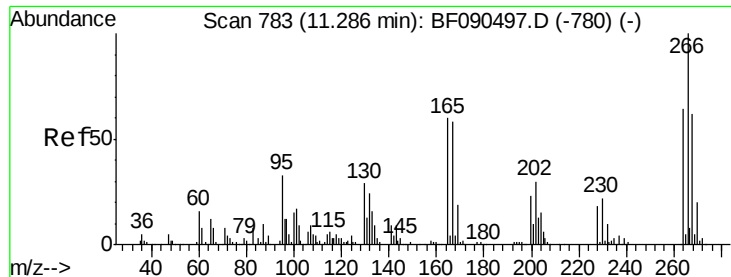
Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	310025		
173	31.0	9.0	49.0	
215	46.5	24.8	64.8	





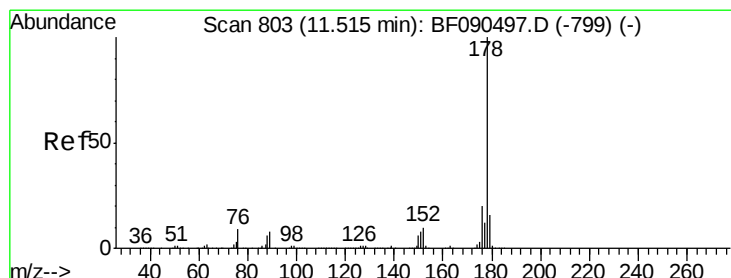
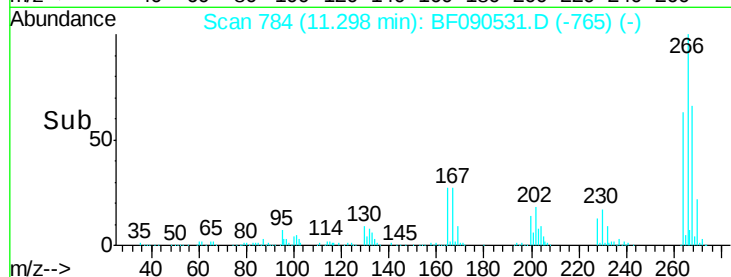
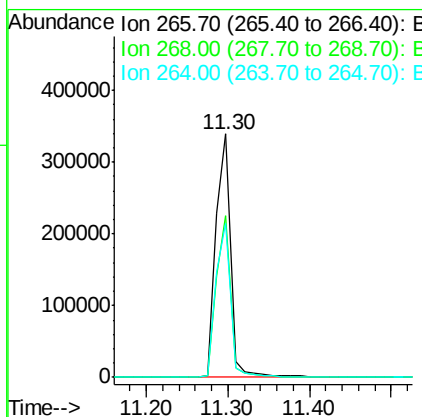
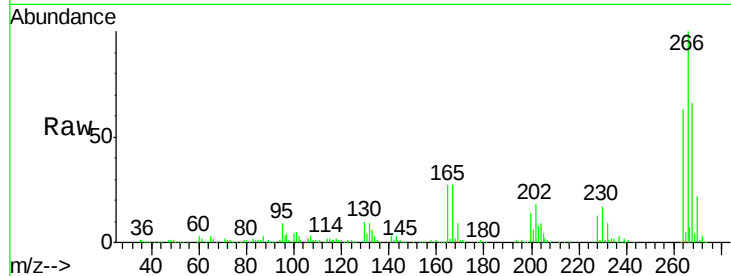
#69
 Pentachlorophenol
 Concen: 70.21 ng
 RT: 11.30 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

Instrument :
 BNA_F
 ClientSampleId :
 PB93973BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.4	50.9	76.3
264	63.3	51.5	77.3

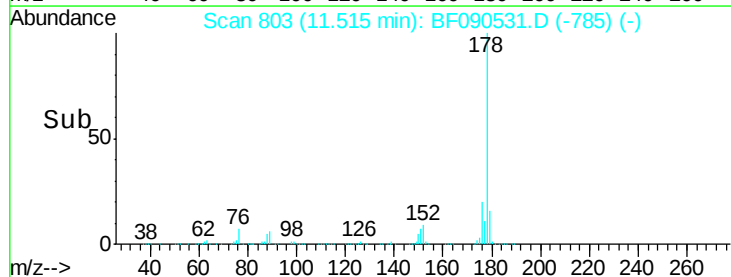
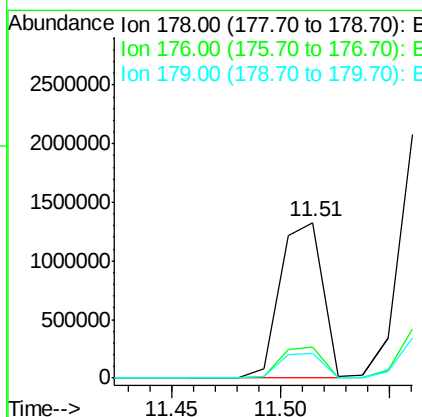
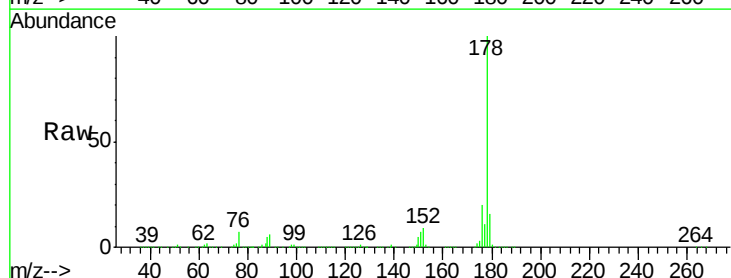
Manual Integrations
 APPROVED

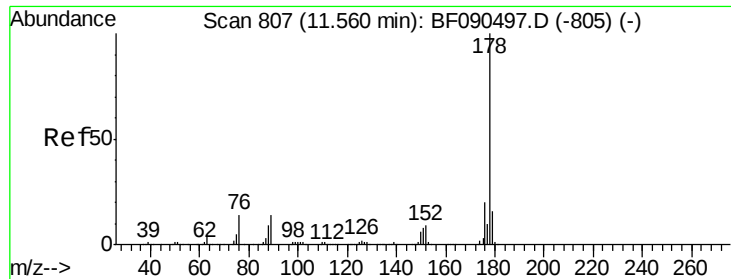
sohil
 10/13/2016 2:04:32 PM



#70
 Phenanthrene
 Concen: 39.46 ng
 RT: 11.51 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	17.3	25.9
179	15.6	13.8	20.6





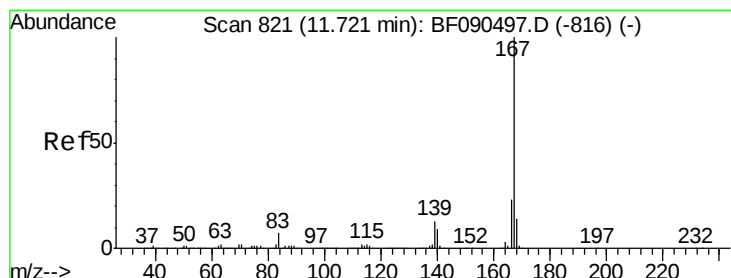
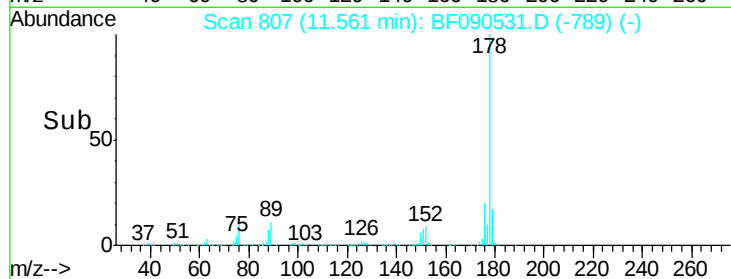
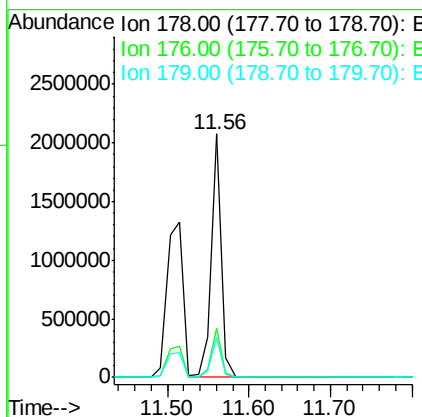
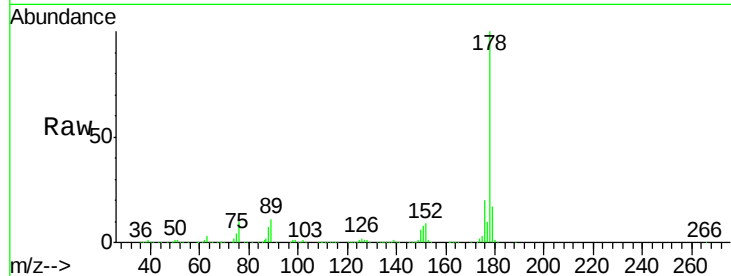
#71
 Anthracene
 Concen: 38.74 ng
 RT: 11.56 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

Instrument :
 BNA_F
 ClientSampleId :
 PB93973BS

Tot Ion:178 Resp: 1809865
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.8 25.2
 179 16.6 13.4 20.2

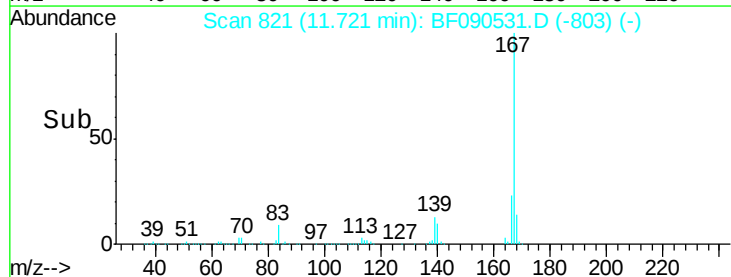
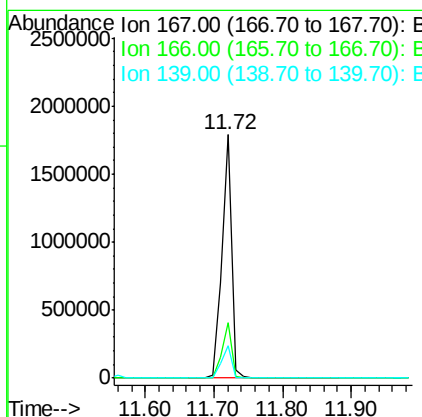
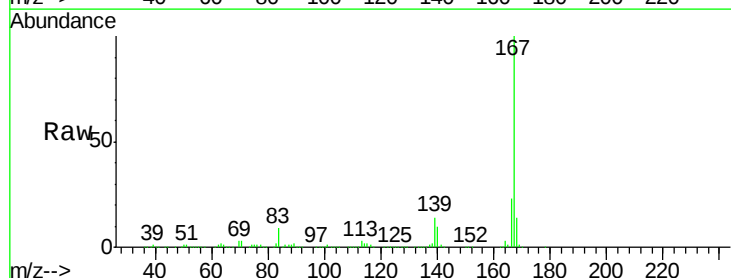
Manual Integrations
 APPROVED

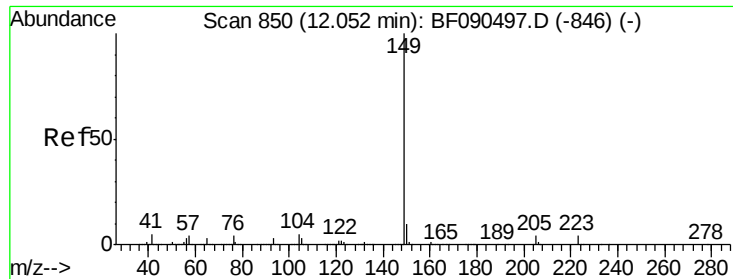
sohil
 10/13/2016 2:04:32 PM



#72
 Carbazole
 Concen: 40.49 ng
 RT: 11.72 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

Tgt Ion:167 Resp: 1786621
 Ion Ratio Lower Upper
 167 100
 166 22.9 19.1 28.7
 139 13.5 12.1 18.1





#73

Di-n-butylphthalate

Concen: 35.82 ng

RT: 12.04 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampled :

PB93973BS

Tot Ion:149 Resp: 1903372

Ion Ratio Lower Upper

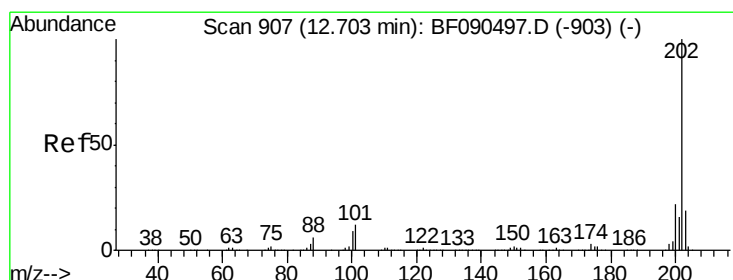
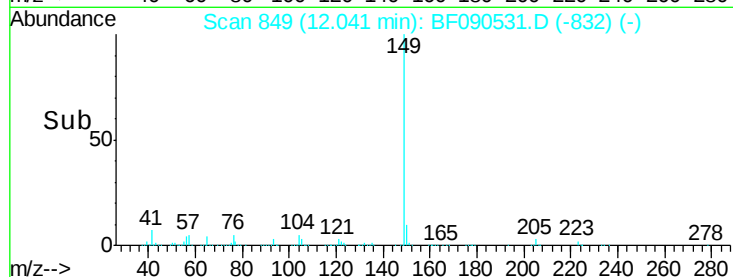
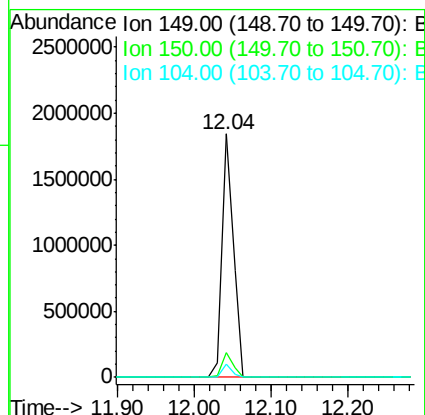
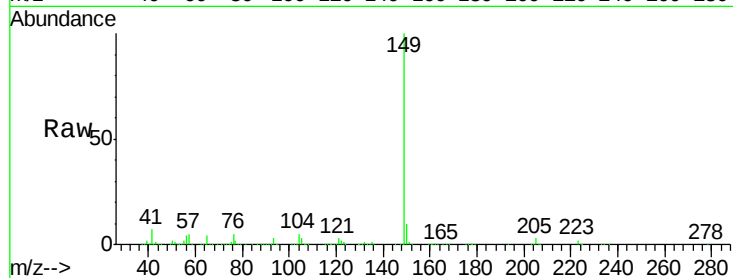
149 100

150 10.0 8.6 12.8

104 5.3 4.7 7.1

Manual Integrations
APPROVED

sohil
10/13/2016 2:04:32 PM



#74

Fluoranthene

Concen: 39.61 ng

RT: 12.70 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

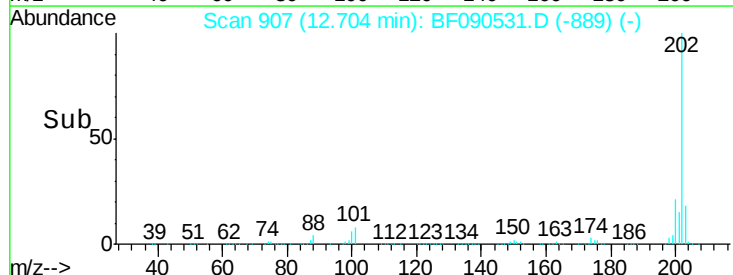
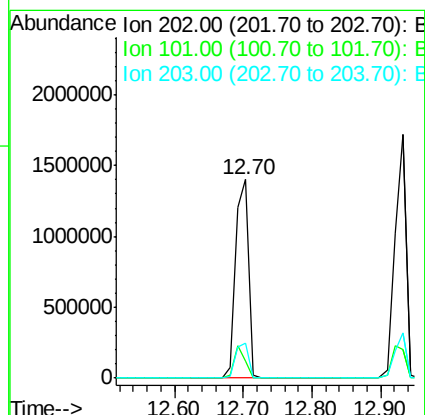
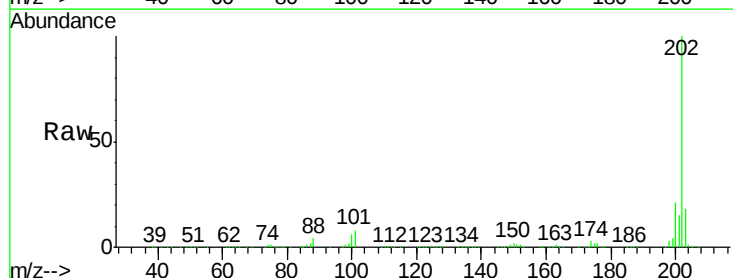
Tgt Ion:202 Resp: 1864791

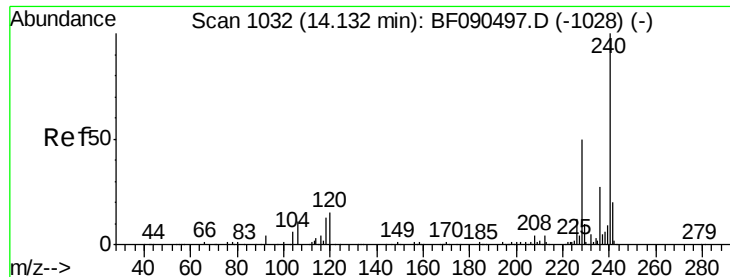
Ion Ratio Lower Upper

202 100

101 8.3 0.0 37.2

203 17.9 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: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

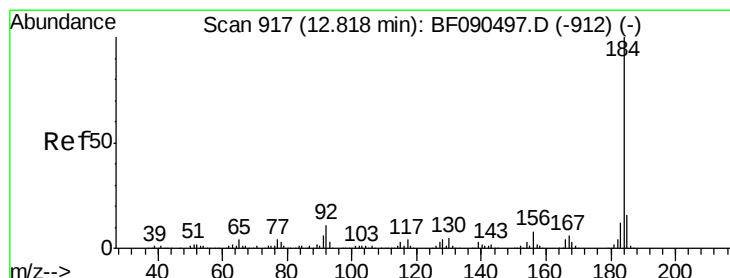
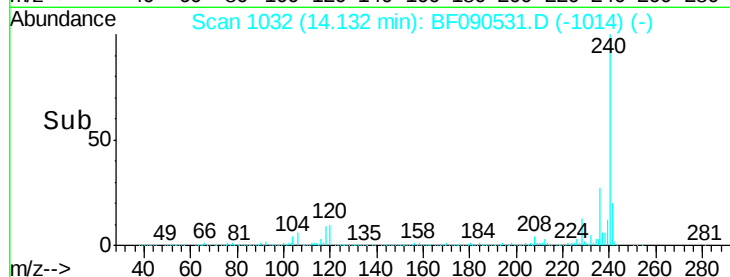
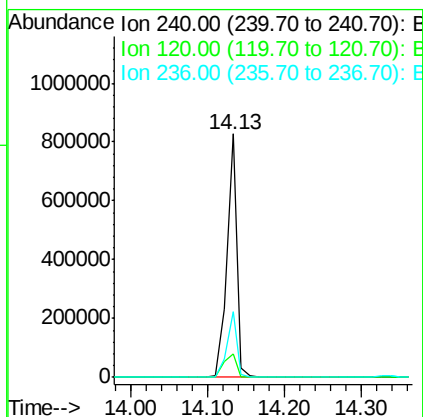
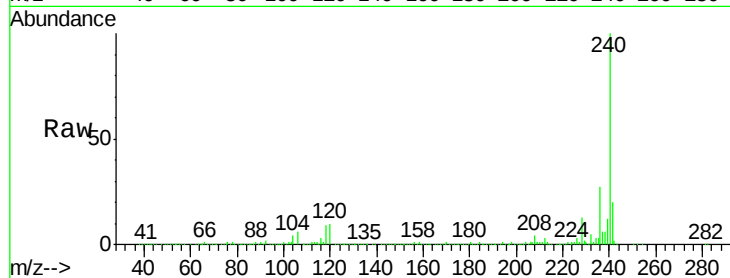
ClientSampled :

PB93973BS

Tot Ion:	240	Resp:	764485
Ion Ratio	Lower	Upper	
240	100		
120	9.8	8.6	13.0
236	26.8	21.6	32.4

Manual Integrations
APPROVED

sohil
10/13/2016 2:04:32 PM



#76

Benzidine

Concen: 19.29 ng

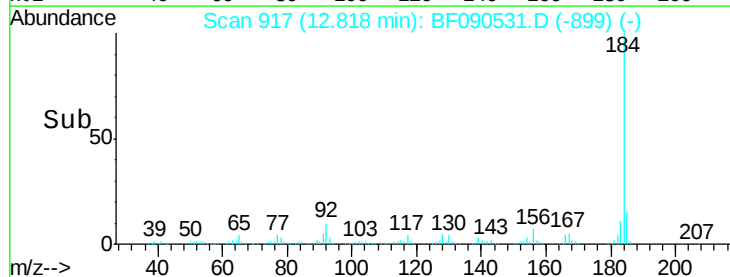
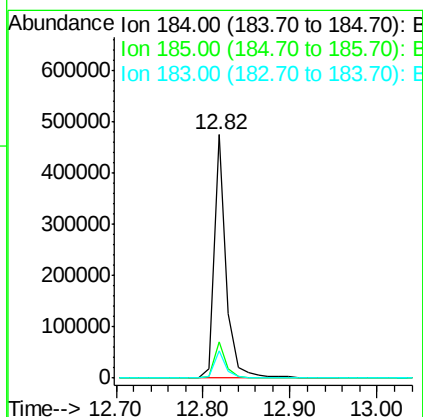
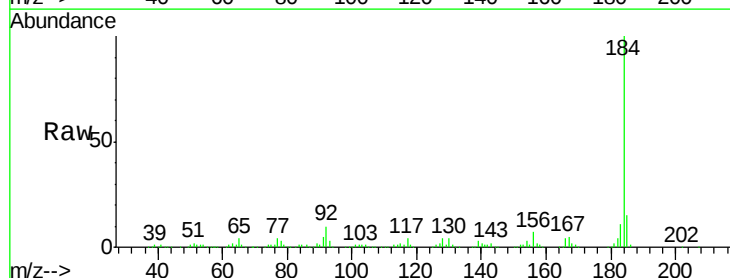
RT: 12.82 min Scan# 917

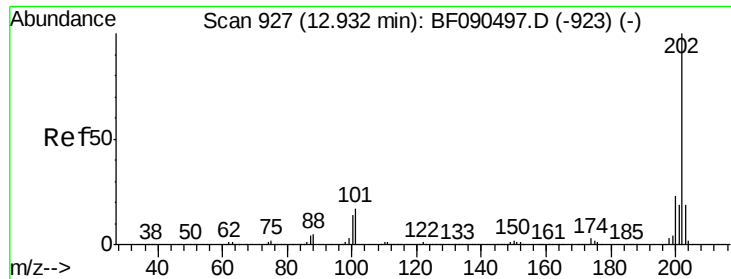
Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Tgt Ion:	184	Resp:	463383
Ion Ratio	Lower	Upper	
184	100		
185	15.0	11.8	17.8
183	11.4	9.6	14.4





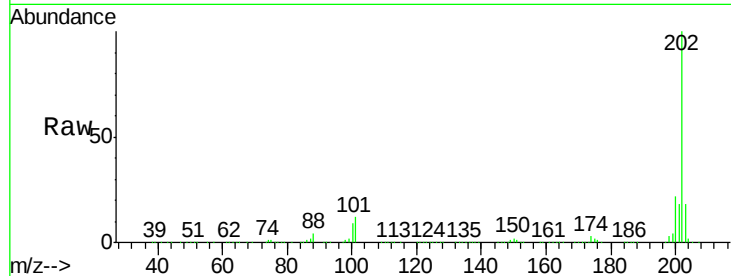
#77
Pvrene
Concen: 40.64 ng
RT: 12.93 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Instrument :
BNA_F
ClientSampleId :
PB93973BS

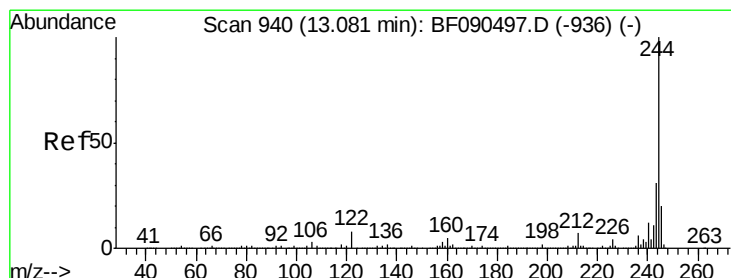
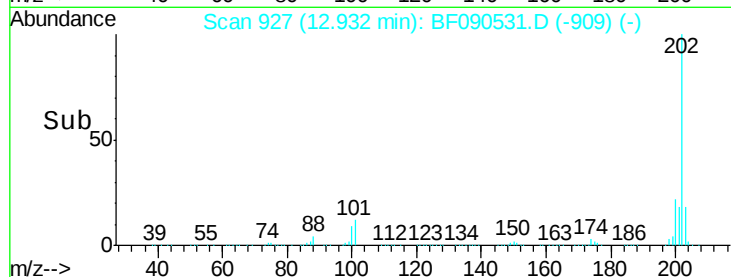
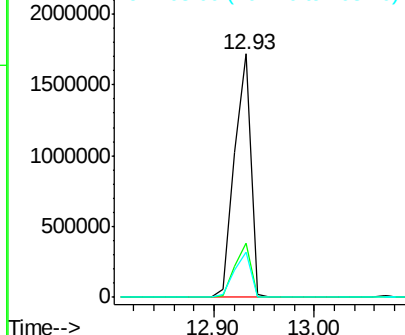
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	18.5	27.7
203	18.4	15.0	22.6

Manual Integrations
APPROVED

sohil
10/13/2016 2:04:32 PM

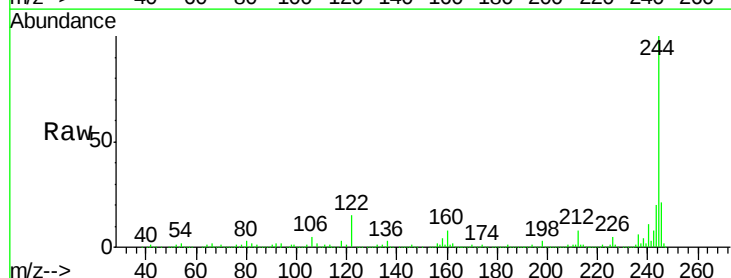


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

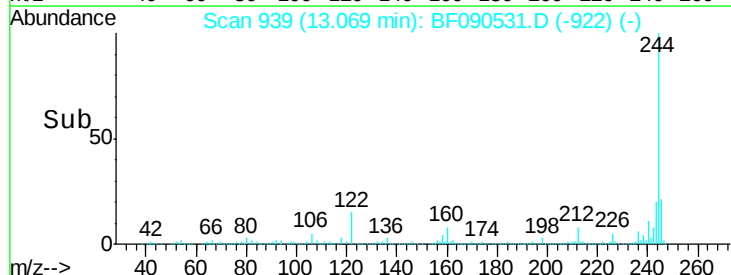
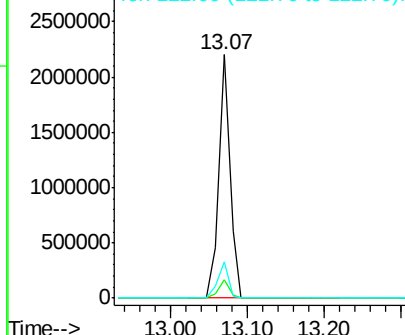


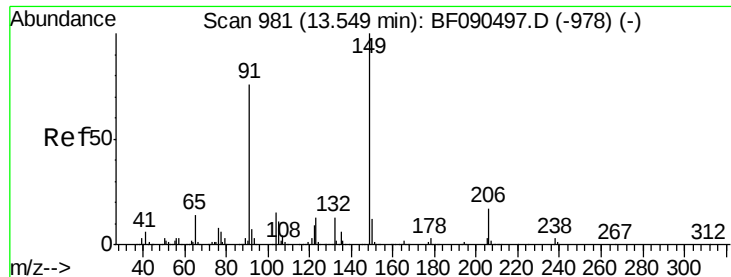
#78
Terphenyl-d14
Concen: 72.47 ng
RT: 13.07 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.8	10.2
122	14.7	13.3	19.9



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





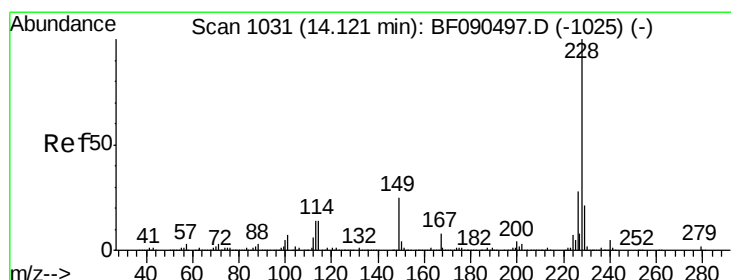
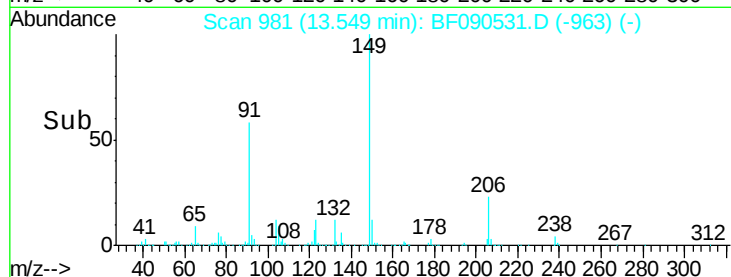
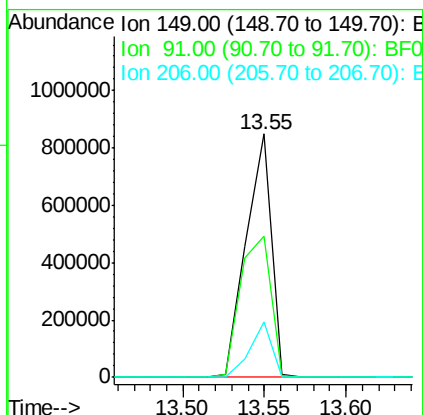
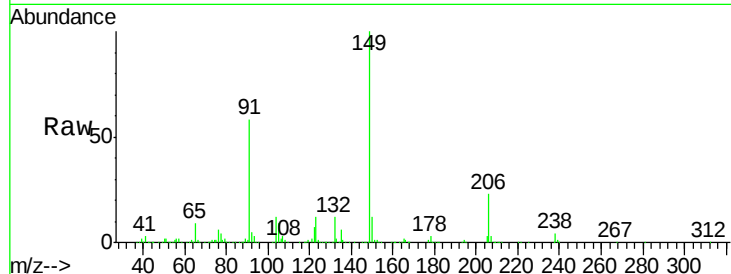
#79
Butylbenzylphthalate
Concen: 40.60 ng
RT: 13.55 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Instrument :
BNA_F
ClientSampleId :
PB93973BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	57.9	51.8	77.8
206	22.7	18.0	27.0

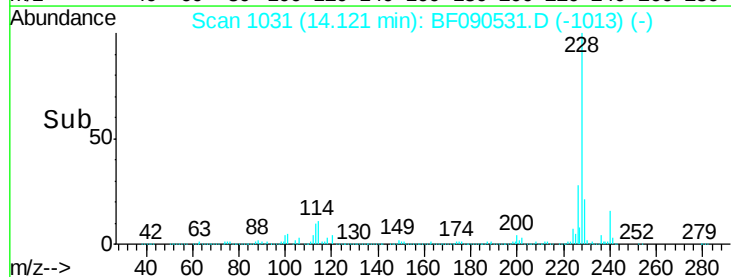
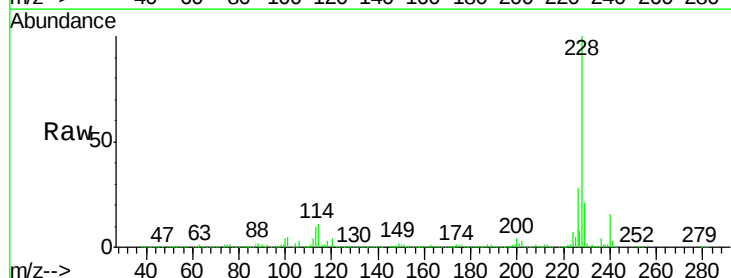
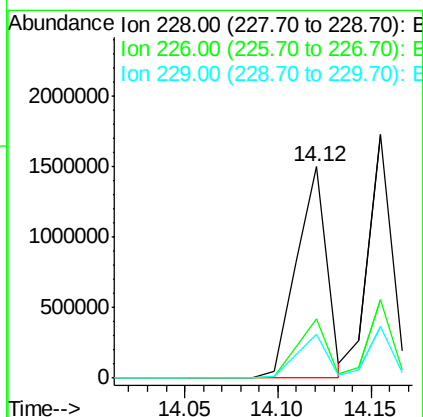
Manual Integrations
APPROVED

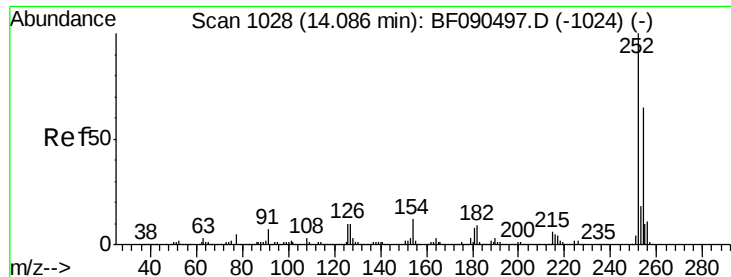
sohil
10/13/2016 2:04:32 PM



#80
Benzo(a)anthracene
Concen: 37.25 ng
RT: 14.12 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.6	35.4
229	20.6	16.6	25.0





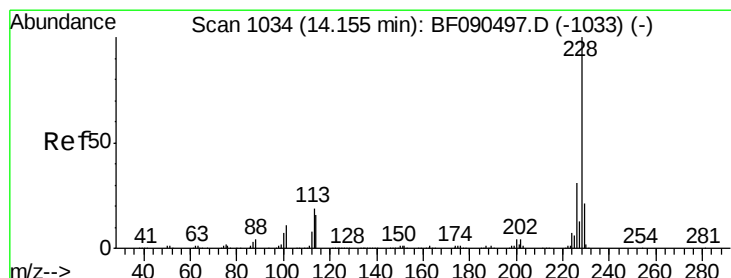
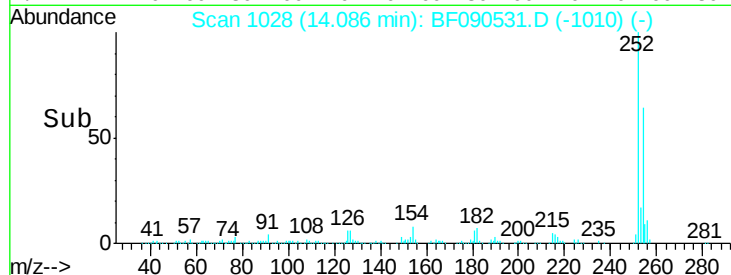
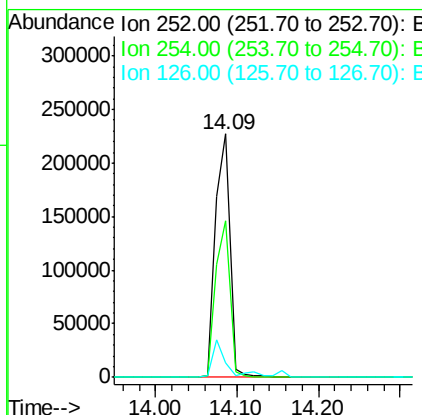
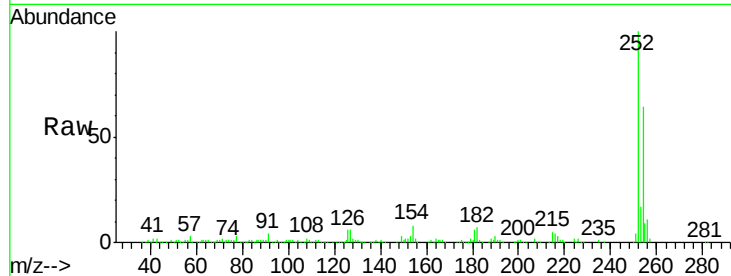
#81
 3,3'-Dichlorobenzidine
 Concen: 17.32 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

Instrument :
 BNA_F
 ClientSampleId :
 PB93973BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	284023		
254	64.5	52.1	78.1	
126	6.1	4.2	6.4	

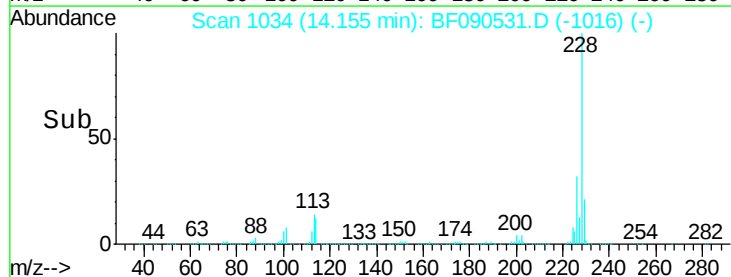
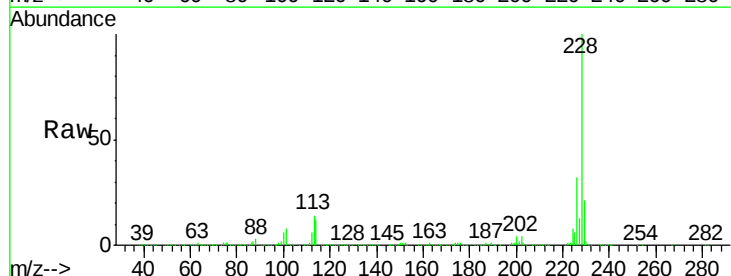
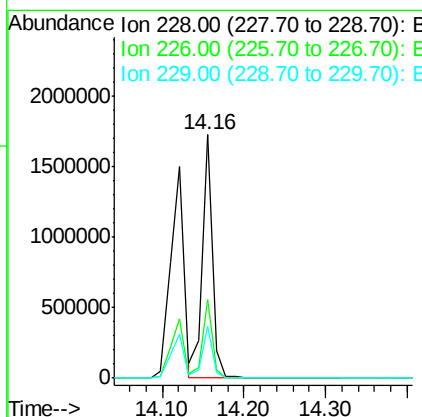
Manual Integrations
 APPROVED

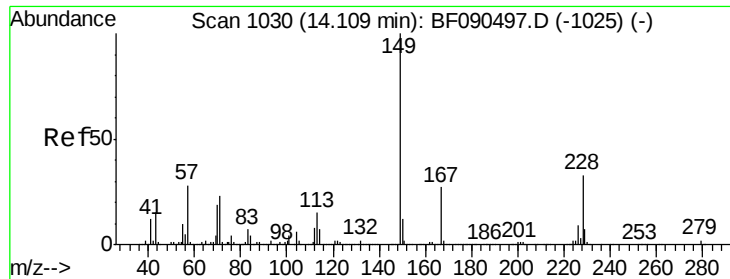
sohil
 10/13/2016 2:04:32 PM



#82
 Chrysene
 Concen: 35.99 ng
 RT: 14.16 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1526146		
226	32.2	25.8	38.6	
229	21.1	16.9	25.3	





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.74 ng

RT: 14.11 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

Tot Ion:149 Resp: 1233743

Ion Ratio Lower Upper

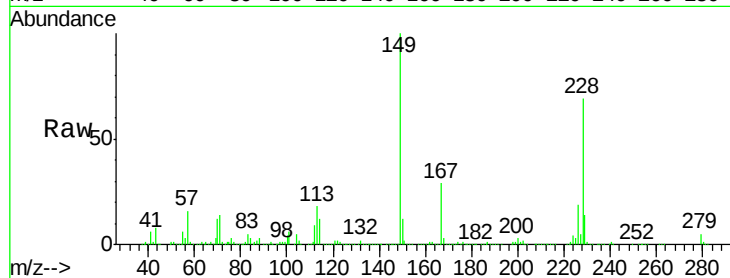
149 100

167 29.0 21.5 32.3

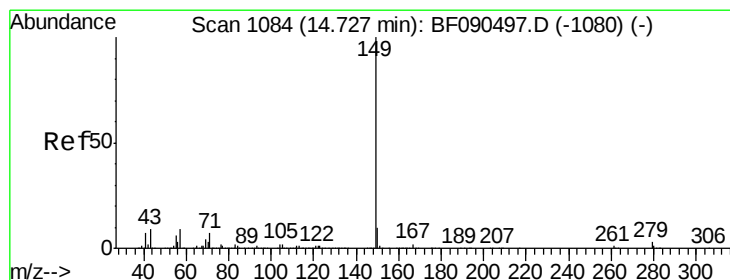
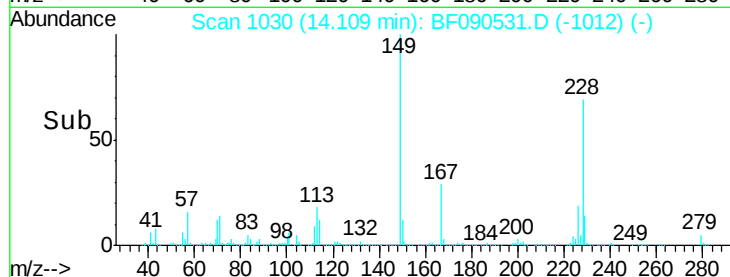
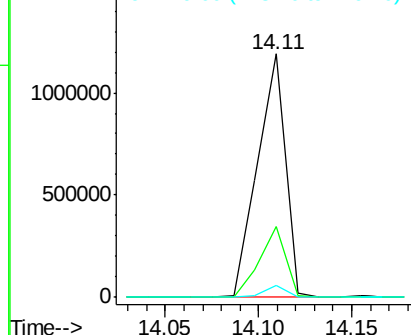
279 5.0 2.6 3.8#

Manual Integrations
APPROVED

sohil
10/13/2016 2:04:32 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: 38.40 ng

RT: 14.72 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

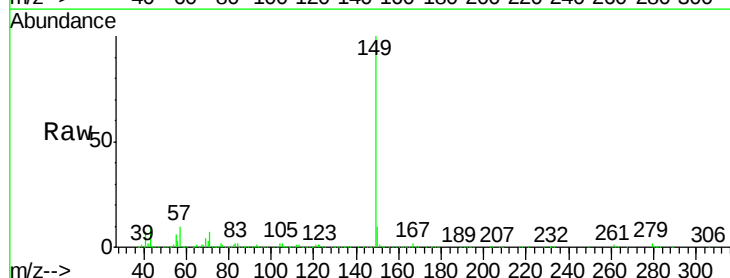
Tgt Ion:149 Resp: 1944275

Ion Ratio Lower Upper

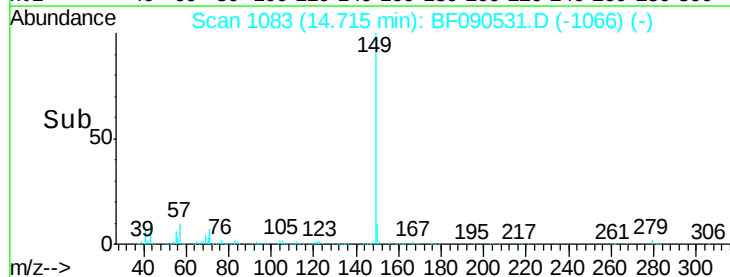
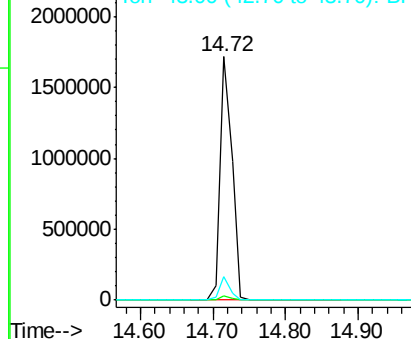
149 100

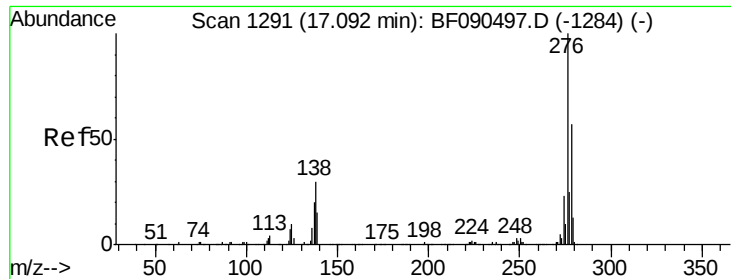
167 1.6 1.3 1.9

43 8.0 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: 32.73 ng

RT: 17.08 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

Tot Ion:276 Resp: 1155770

Ion Ratio Lower Upper

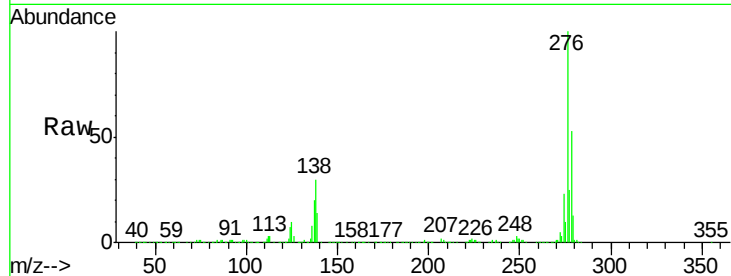
276 100

138 31.8 23.8 35.8

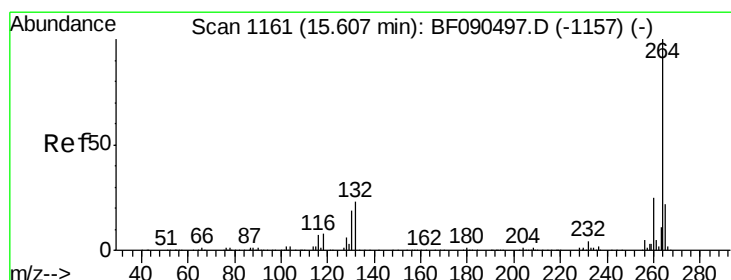
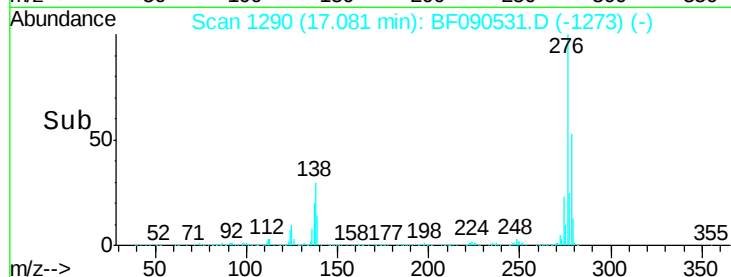
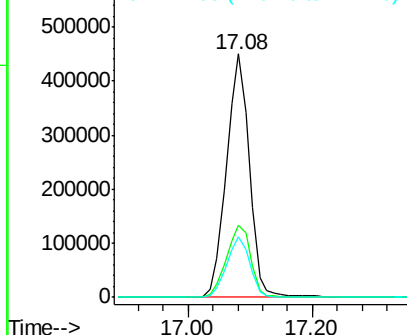
277 25.1 20.4 30.6

Manual Integrations
APPROVED

sohil
10/13/2016 2:04:32 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: BF090531.D

Acq: 12 Oct 2016 13:18

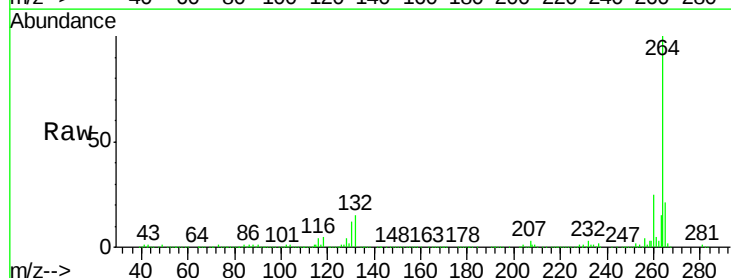
Tgt Ion:264 Resp: 534242

Ion Ratio Lower Upper

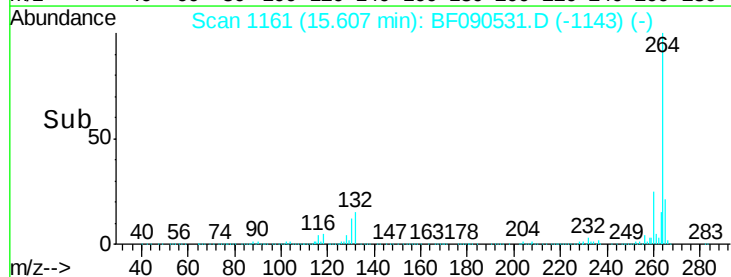
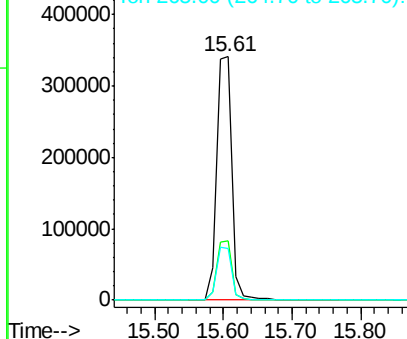
264 100

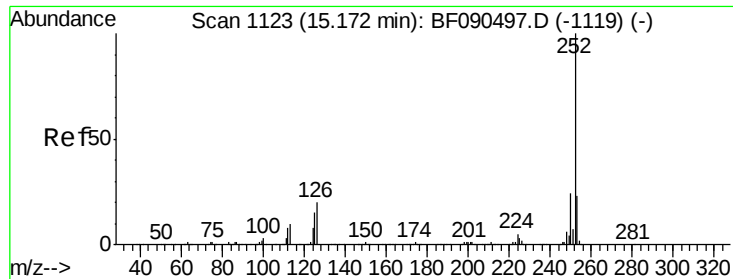
260 24.6 19.3 28.9

265 21.1 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: 39.44 ng

RT: 15.17 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

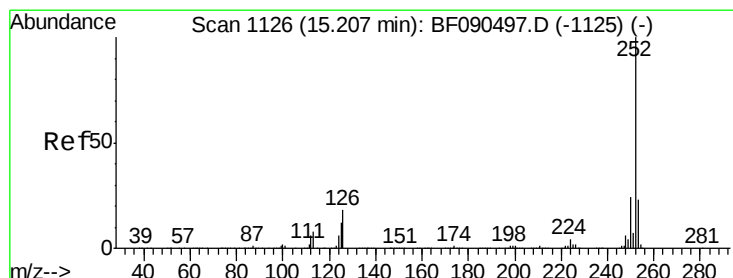
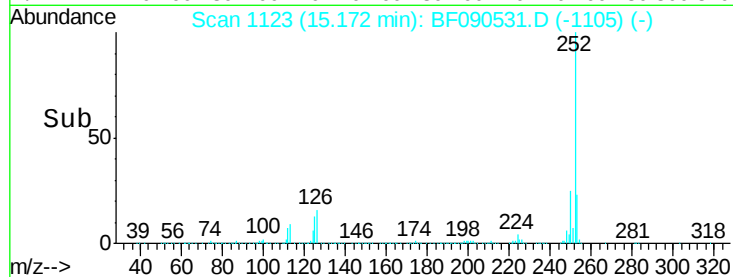
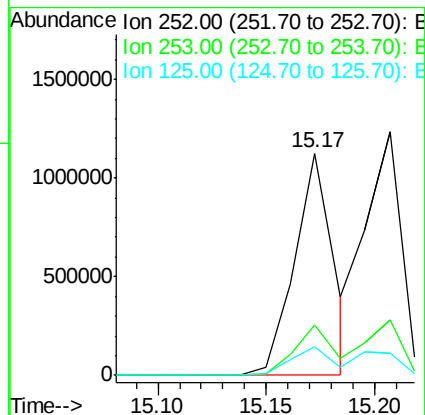
ClientSampleId :

PB93973BS

Tot Ion:	252	Resp:	1390264
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.2	27.2
125	12.7	7.0	10.4

Manual Integrations
APPROVED

sohil
10/13/2016 2:04:32 PM



#88

Benzo(k)fluoranthene

Concen: 45.85 ng m

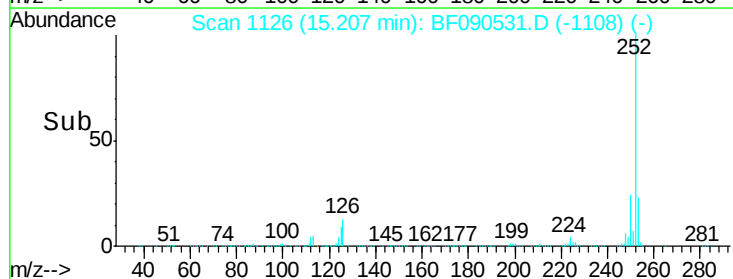
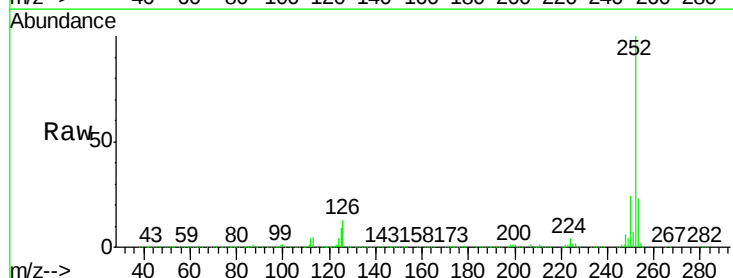
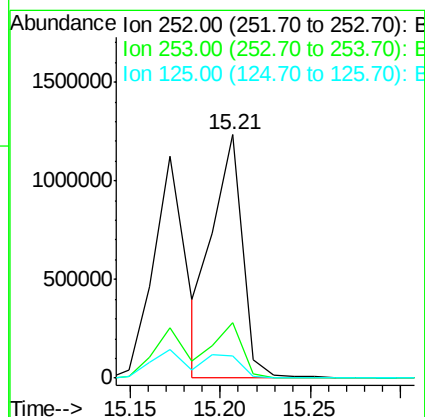
RT: 15.21 min Scan# 1126

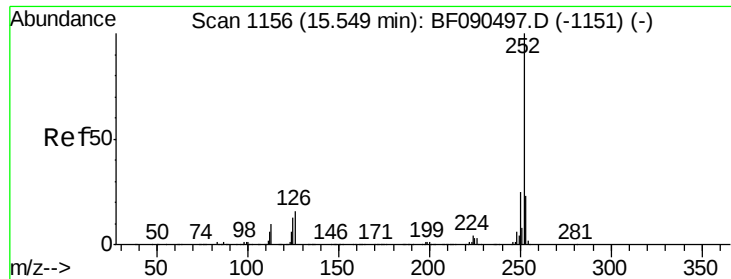
Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Tgt Ion:	252	Resp:	1439674
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.6	27.8
125	9.1	11.7	17.5





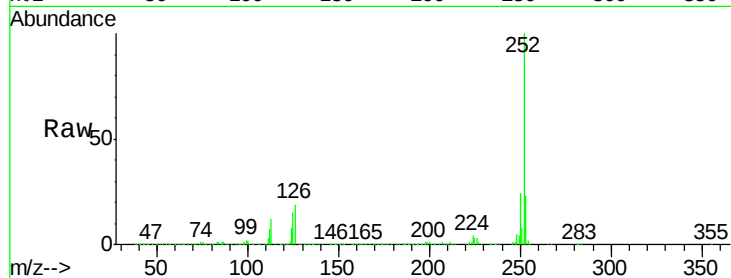
#89
Benzo(a)pyrene
Concen: 41.03 ng
RT: 15.54 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Instrument :
BNA_F
ClientSampled :
PB93973BS

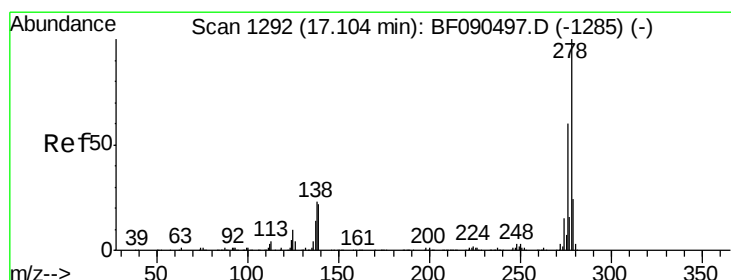
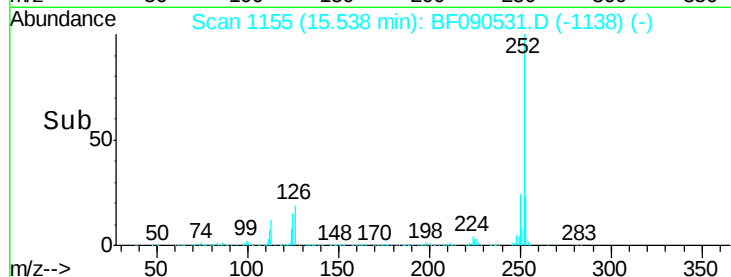
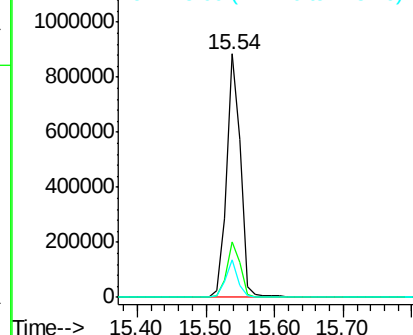
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	15.4	9.8	14.8

Manual Integrations
APPROVED

sohil
10/13/2016 2:04:32 PM



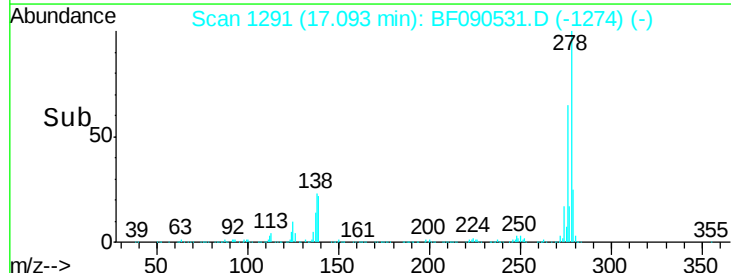
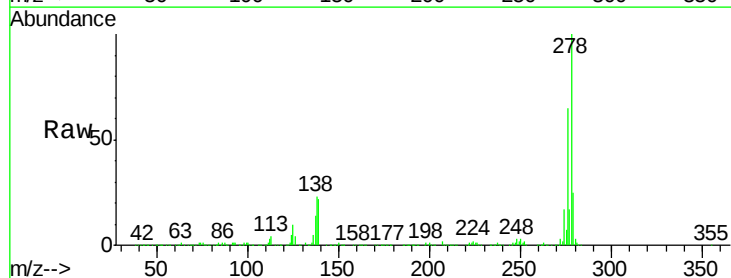
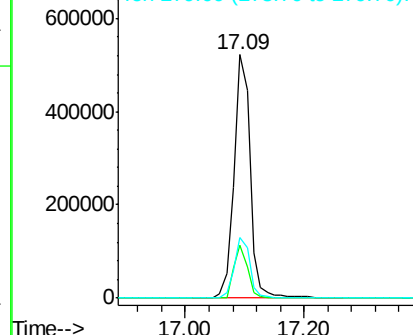
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

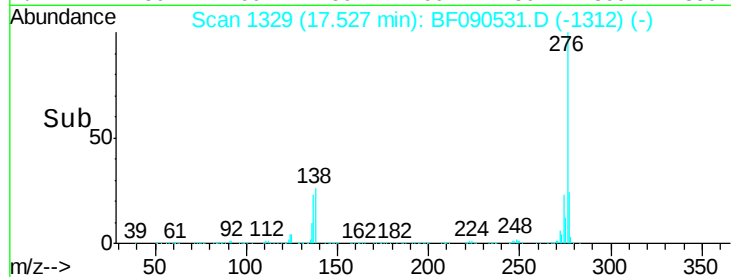
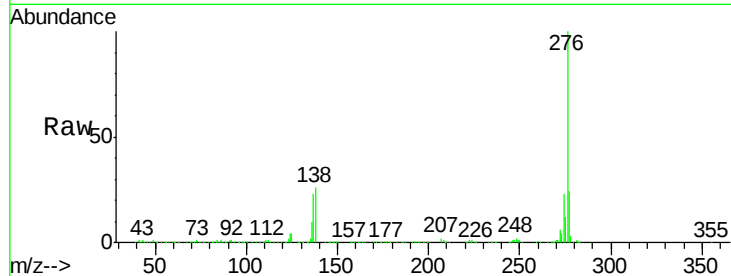
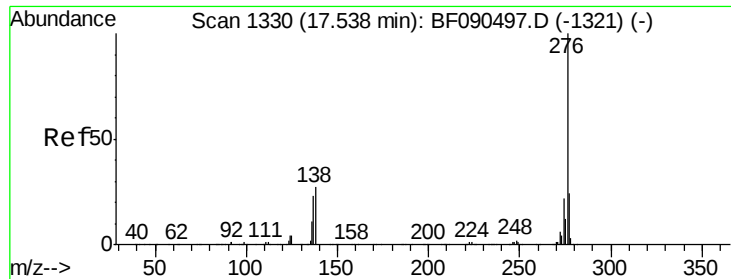


#90
Dibenzo(a,h)anthracene
Concen: 37.43 ng
RT: 17.09 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	12.8	19.2
279	24.7	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: 36.66 ng

RT: 17.53 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

Tot Ion:	276	Resp:	891422
Ion Ratio	Lower	Upper	
276	100		
277	23.8	19.4	29.0
138	26.4	20.8	31.2

Manual Integrations
APPROVED

sohil
10/13/2016 2:04:32 PM

