

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
 Data File : BF091343.D
 Acq On : 30 Nov 2016 10:04
 Operator : UM/SJ
 Sample : PB94951BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94951BS

Manual Integrations
 APPROVED

sohil
 12/1/2016 3:27:17 PM

Quant Time: Nov 30 17:24:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	178497	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	717020	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	399753	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	644010	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	421040	20.00	ng	-0.03
86) Perylene-d12	15.44	264	352169	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	623466	57.06	ng	0.00
7) Phenol-d6	6.49	99	845743	62.88	ng	0.00
23) Nitrobenzene-d5	7.43	82	949217	74.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	221794	58.61	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1672400	75.75	ng	-0.02
78) Terphenyl-d14	12.97	244	1715084	88.54	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	153220	31.00	ng	# 86
3) Pyridine	3.27	79	436565	31.21	ng	87
4) n-Nitrosodimethylamine	3.22	42	272423	37.12	ng	92
6) Aniline	6.53	93	407606	22.81	ng	# 68
8) 2-Chlorophenol	6.65	128	433611	36.20	ng	96
9) Benzaldehyde	6.40	77	129151	14.93	ng	95
10) Phenol	6.50	94	569866	36.01	ng	93
11) bis(2-Chloroethyl)ether	6.60	93	416834	36.86	ng	95
12) 1,3-Dichlorobenzene	6.80	146	454030m	34.07	ng	
13) 1,4-Dichlorobenzene	6.88	146	472567	35.65	ng	98
14) 1,2-Dichlorobenzene	7.04	146	427636m	34.64	ng	
15) Benzyl Alcohol	7.01	79	399638	37.13	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	846774	34.82	ng	71
17) 2-Methylphenol	7.12	107	356333	37.63	ng	# 76
18) Hexachloroethane	7.38	117	176828	37.57	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	310700	36.67	ng	# 96
20) 3+4-Methylphenols	7.27	107	399027	34.52	ng	# 64
22) Acetophenone	7.27	105	596536	35.10	ng	# 75
24) Nitrobenzene	7.44	77	436217	33.30	ng	94
25) Isophorone	7.69	82	863529	38.10	ng	96
26) 2-Nitrophenol	7.76	139	201827	33.81	ng	100
27) 2,4-Dimethylphenol	7.81	122	427128	38.25	ng	95
28) bis(2-Chloroethoxy)methane	7.90	93	496604	36.40	ng	99
29) 2,4-Dichlorophenol	8.00	162	340887	34.70	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	413457	37.54	ng	97
31) Naphthalene	8.17	128	1258223	36.92	ng	100
32) Benzoic acid	7.92	122	267957	32.55	ng	93
33) 4-Chloroaniline	8.22	127	95553	6.56	ng	98
34) Hexachlorobutadiene	8.30	225	244853	36.15	ng	99
35) Caprolactam	8.58	113	103392	36.62	ng	94
36) 4-Chloro-3-methylphenol	8.70	107	372091	35.08	ng	97
37) 2-Methylnaphthalene	8.86	142	817304	35.30	ng	92
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	369335	32.77	ng	99
40) Hexachlorocyclopentadiene	9.02	237	445834	85.35	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
 Data File : BF091343.D
 Acq On : 30 Nov 2016 10:04
 Operator : UM/SJ
 Sample : PB94951BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94951BS

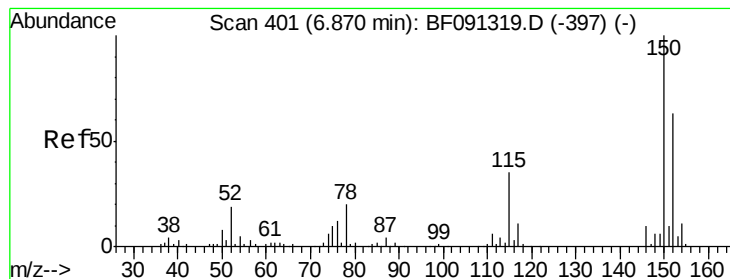
Manual Integrations
 APPROVED

sohil
 12/1/2016 3:27:17 PM

Quant Time: Nov 30 17:24:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	269986	36.86	nq	94
43) 2,4,5-Trichlorophenol	9.18	196	263598	35.91	nq	# 88
45) 1,1'-Biphenyl	9.33	154	971870	33.81	nq	97
46) 2-Chloronaphthalene	9.35	162	727218	33.97	nq	98
47) 2-Nitroaniline	9.44	65	243367	31.65	nq	# 75
48) Acenaphthylene	9.76	152	1136520	33.73	nq	99
49) Dimethylphthalate	9.64	163	901041	37.23	nq	99
50) 2,6-Dinitrotoluene	9.69	165	207829	38.42	nq	# 59
51) Acenaphthene	9.94	154	843180	37.10	nq	95
52) 3-Nitroaniline	9.85	138	112415	17.95	nq	95
53) 2,4-Dinitrophenol	9.96	184	171820	72.62	nq	# 70
54) Dibenzofuran	10.12	168	1126632	37.02	nq	# 89
55) 4-Nitrophenol	10.01	139	289091	63.92	nq	99
56) 2,4-Dinitrotoluene	10.09	165	302848	43.15	nq	99
57) Fluorene	10.45	166	813682	34.82	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	244297	38.98	nq	94
59) Diethylphthalate	10.33	149	914147	38.26	nq	# 95
60) 4-Chlorophenyl-phenylether	10.45	204	408175	34.83	nq	92
61) 4-Nitroaniline	10.47	138	200802	34.15	nq	96
62) Azobenzene	10.61	77	1011197	41.48	nq	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	135542	38.20	nq	# 72
65) n-Nitrosodiphenylamine	10.56	169	701188	35.91	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	281480	40.66	nq	# 77
67) Hexachlorobenzene	11.00	284	265886	35.55	nq	# 79
68) Atrazine	11.09	200	223252	35.30	nq	99
69) Pentachlorophenol	11.19	266	310955	70.62	nq	94
70) Phenanthrene	11.41	178	1156375	34.56	nq	100
71) Anthracene	11.46	178	1365878	41.13	nq	99
72) Carbazole	11.61	167	1068002	35.44	nq	99
73) Di-n-butylphthalate	11.96	149	1405232	41.14	nq	99
74) Fluoranthene	12.60	202	1337279	42.19	nq	98
76) Benzidine	12.71	184	344427	27.87	nq	98
77) Pyrene	12.83	202	1355387	42.42	nq	99
79) Butylbenzylphthalate	13.44	149	486795	40.68	nq	89
80) Benzo(a)anthracene	14.00	228	912041	37.04	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	191223	22.05	nq	99
82) Chrysene	14.05	228	907656	37.26	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	655146	43.20	nq	# 91
84) Di-n-octyl phthalate	14.62	149	999089	43.53	nq	96
85) Indeno(1,2,3-cd)pyrene	16.85	276	888640	39.83	nq	96
87) Benzo(b)fluoranthene	15.03	252	737920m	33.71	nq	
88) Benzo(k)fluoranthene	15.07	252	805169m	43.74	nq	
89) Benzo(a)pyrene	15.39	252	730952	37.18	nq	# 96
90) Dibenzo(a,h)anthracene	16.87	278	744116	40.93	nq	# 93
91) Benzo(g,h,i)perylene	17.27	276	784477	41.85	nq	99

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



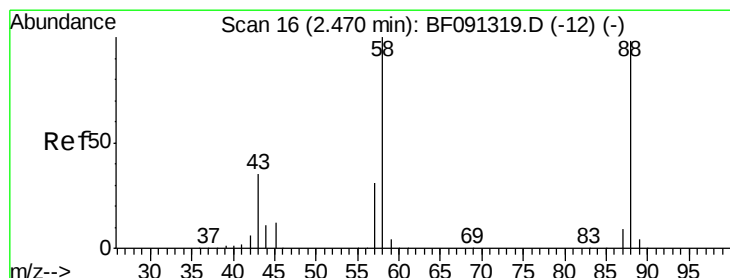
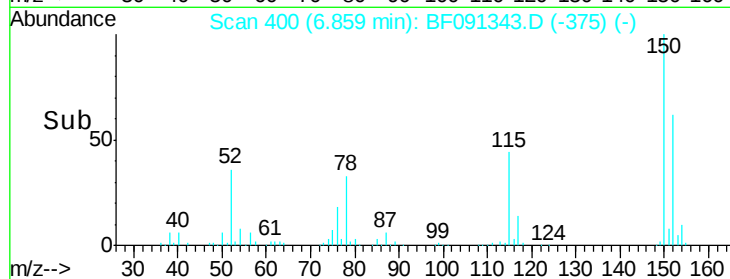
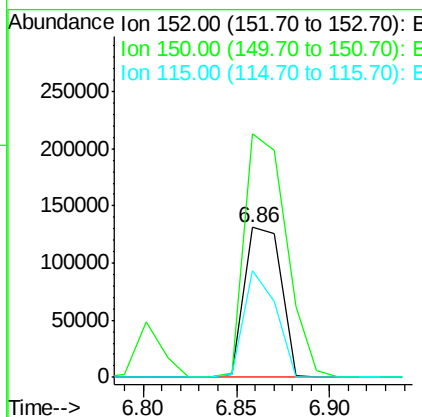
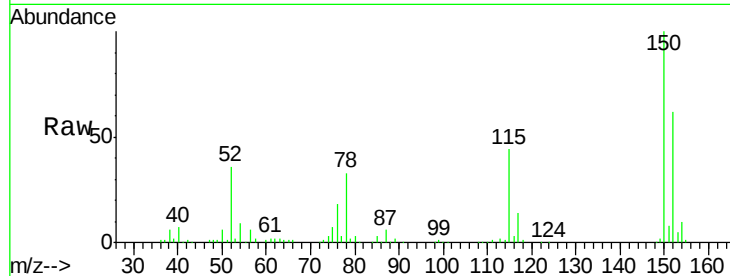
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 400
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Instrument :
 BNA_F
 ClientSampled :
 PB94951BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	122.5	183.7
115	71.3	51.8	77.8

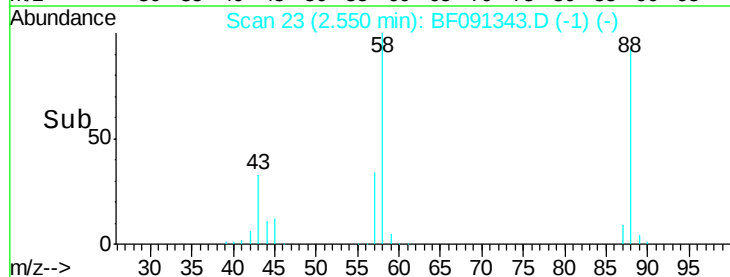
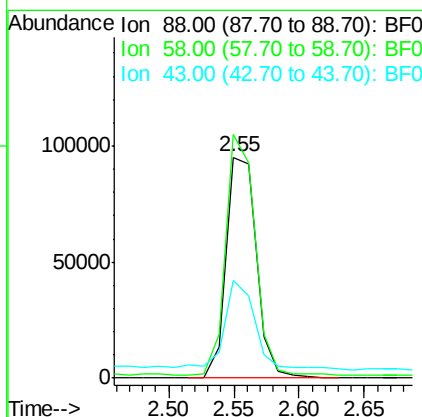
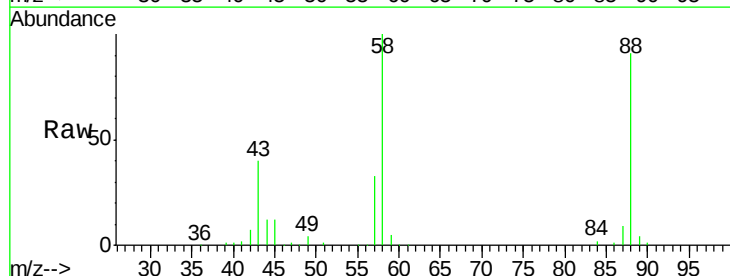
Manual Integrations
 APPROVED

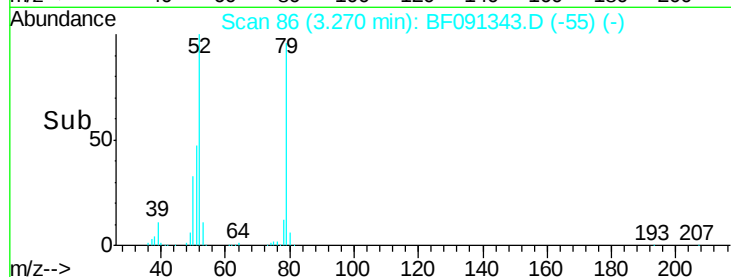
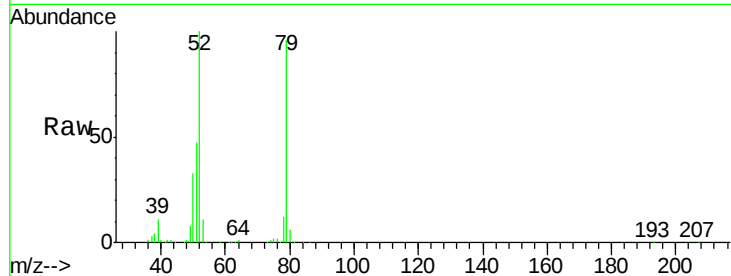
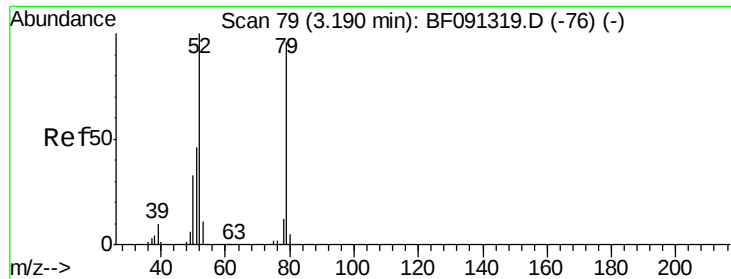
sohil
 12/1/2016 3:27:17 PM



#2
 1,4-Dioxane
 Concen: 31.00 ng
 RT: 2.55 min Scan# 23
 Delta R.T. 0.05 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	105.5	70.3	105.5#
43	41.8	31.3	46.9





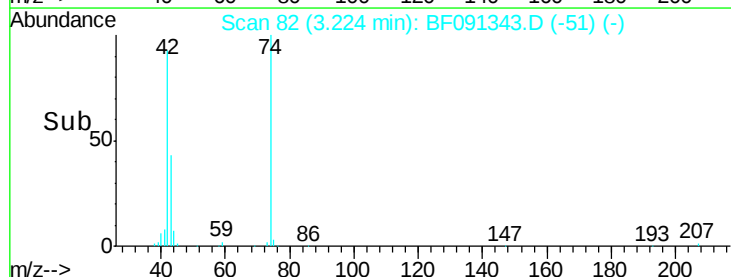
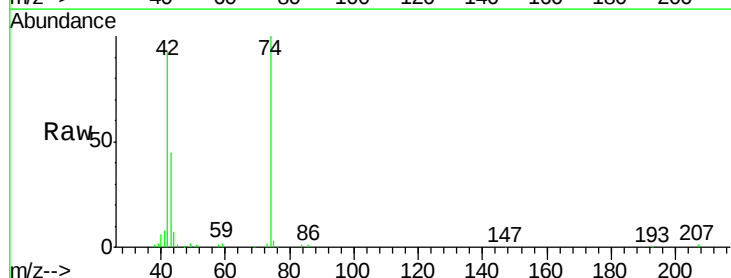
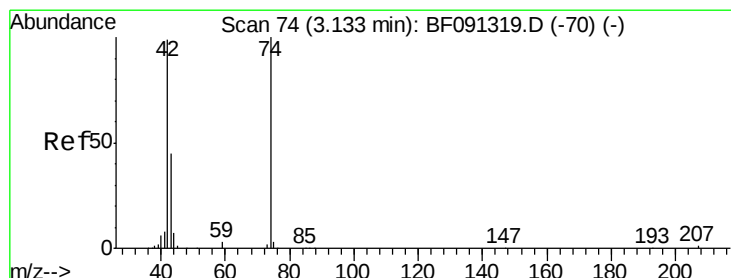
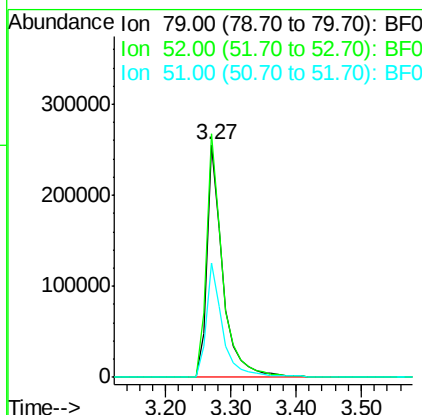
#3
 Pvrindine
 Concen: 31.21 ng
 RT: 3.27 min Scan# 86
 Delta R.T. 0.05 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tot Ion	Ratio	Lower	Upper
79	100		
52	104.7	71.0	106.4
51	49.1	37.0	55.4

Instrument :
 BNA_F
 ClientSampleId :
 PB94951BS

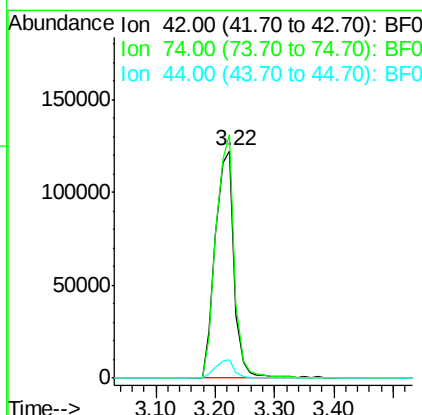
Manual Integrations
 APPROVED

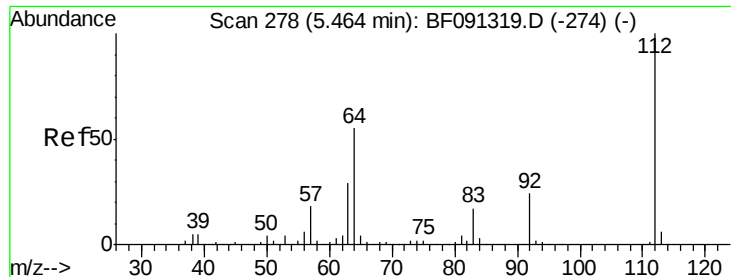
sohil
 12/1/2016 3:27:17 PM



#4
 n-Nitrosodimethylamine
 Concen: 37.12 ng
 RT: 3.22 min Scan# 82
 Delta R.T. 0.05 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	107.0	78.9	118.3
44	8.0	5.8	8.6





#5

2-Fluorophenol

Concen: 57.06 ng

RT: 5.46 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

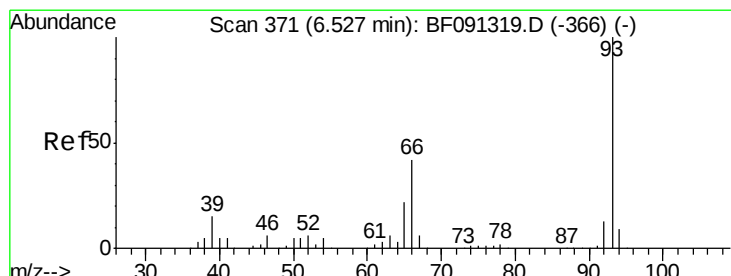
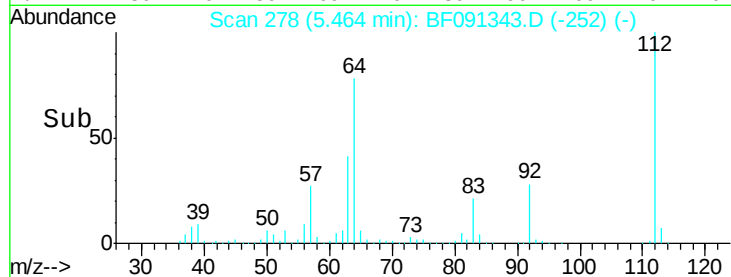
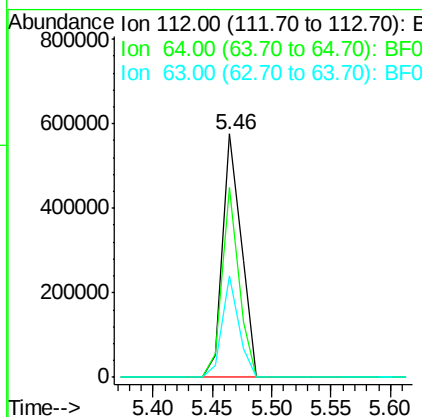
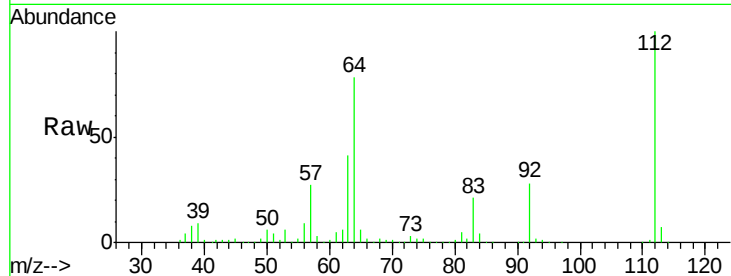
ClientSampleId :

PB94951BS

Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	77.8	61.5	92.3
63	41.4	33.3	49.9

Manual Integrations
APPROVED

sohil
12/1/2016 3:27:17 PM



#6

Aniline

Concen: 22.81 ng

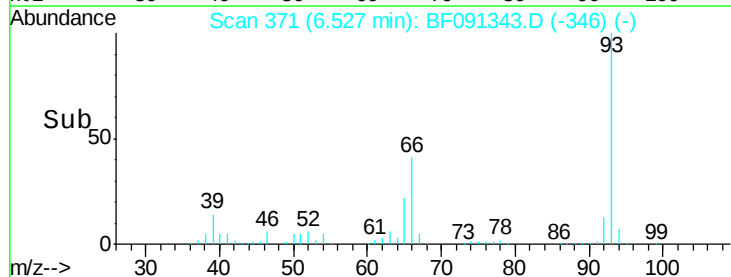
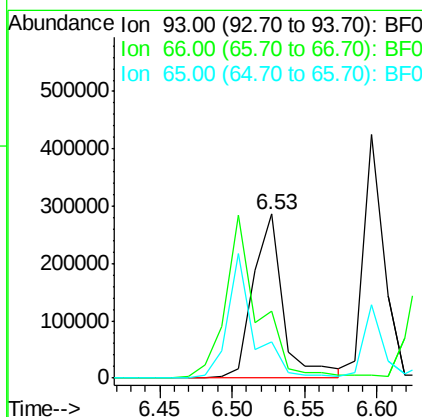
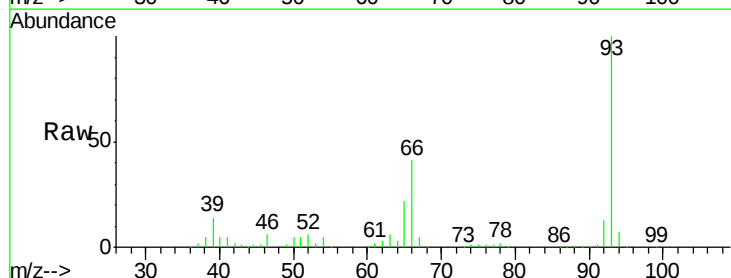
RT: 6.53 min Scan# 371

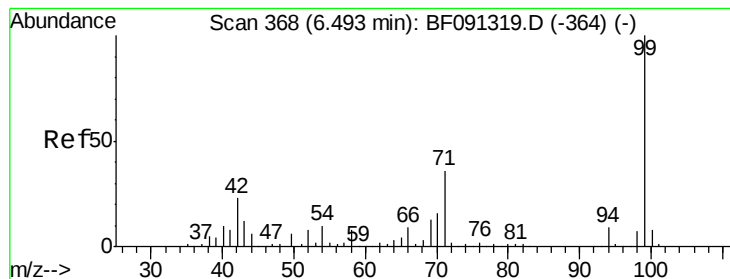
Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	41.0	55.8	83.6#
65	21.8	29.9	44.9#





#7

Phenol-d6

Concen: 62.88 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

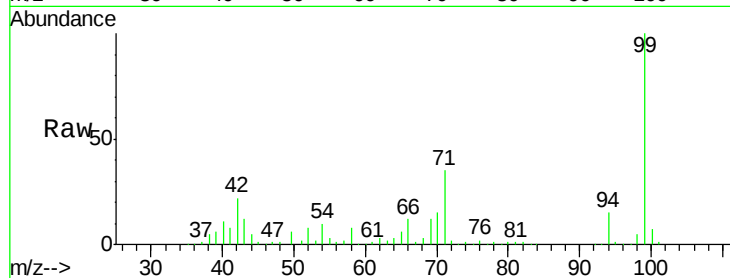
ClientSampleId :

PB94951BS

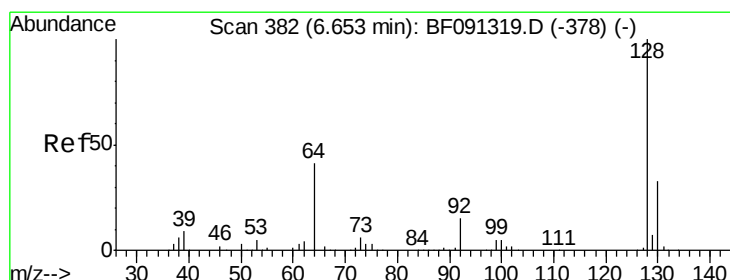
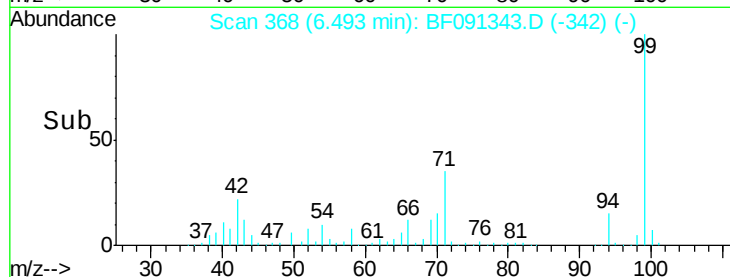
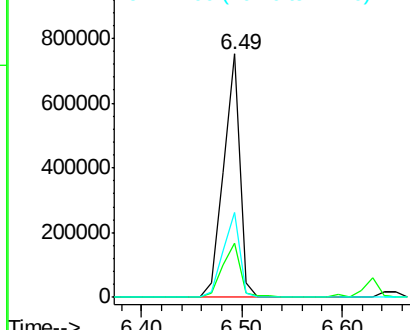
Tot Ion:	99	Resp:	845743
Ion Ratio	Lower	Upper	
99	100		
42	22.2	20.6	31.0
71	34.9	29.9	44.9

Manual Integrations
APPROVED

sohil
12/1/2016 3:27:17 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: 36.20 ng

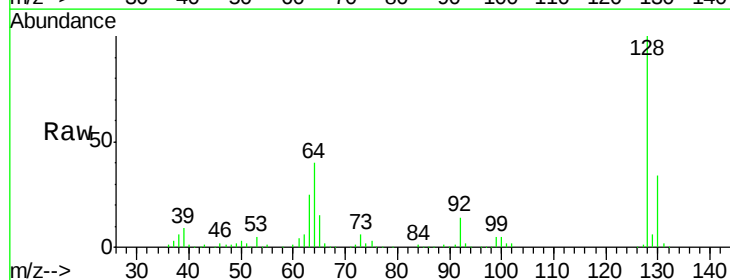
RT: 6.65 min Scan# 382

Delta R.T. -0.01 min

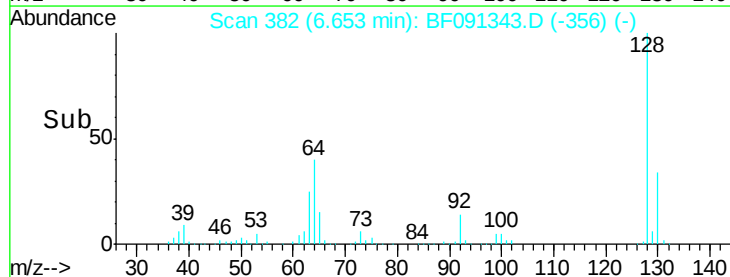
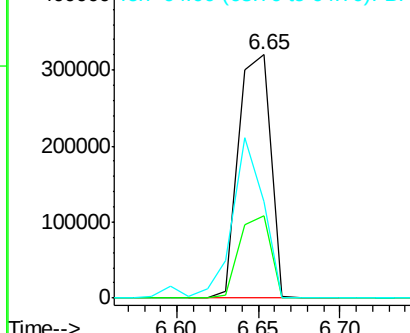
Lab File: BF091343.D

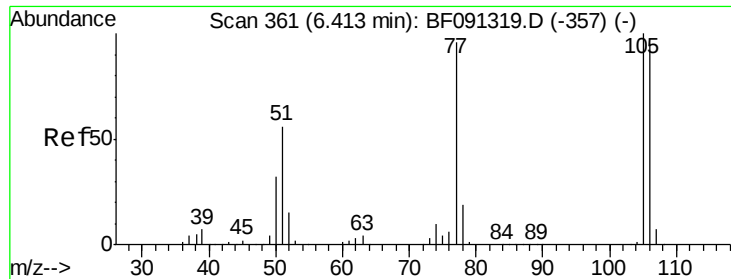
Acq: 30 Nov 2016 10:04

Tgt Ion:	128	Resp:	433611
Ion Ratio	Lower	Upper	
128	100		
130	33.8	13.1	53.1
64	39.6	24.1	64.1



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: 14.93 ng

RT: 6.40 min Scan# 360

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

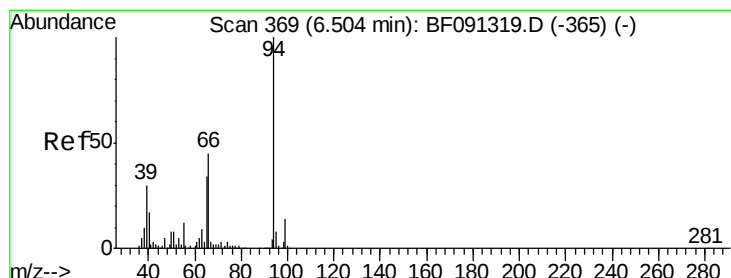
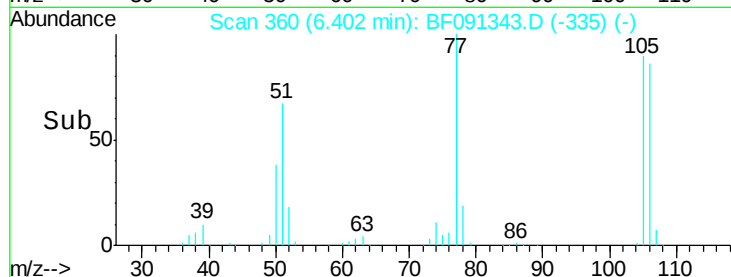
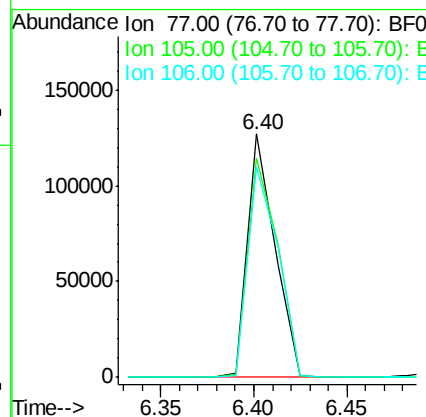
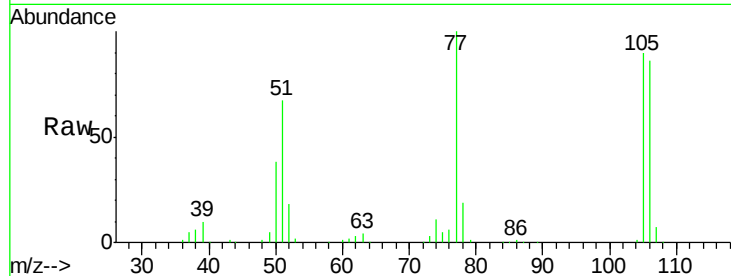
ClientSampleId :

PB94951BS

Tot Ion:	77	Resp:	129151
Ion Ratio	Lower	Upper	
77	100		
105	90.0	66.4	106.4
106	86.5	60.9	100.9

Manual Integrations
APPROVED

sohil
12/1/2016 3:27:17 PM



#10

Phenol

Concen: 36.01 ng

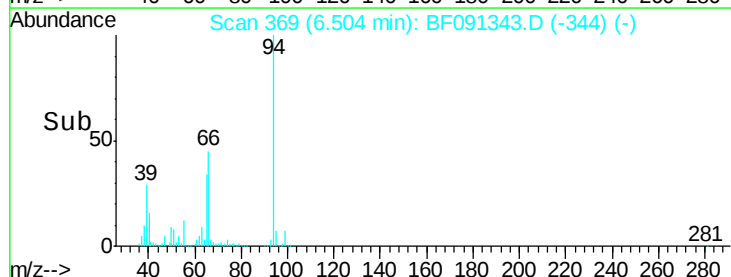
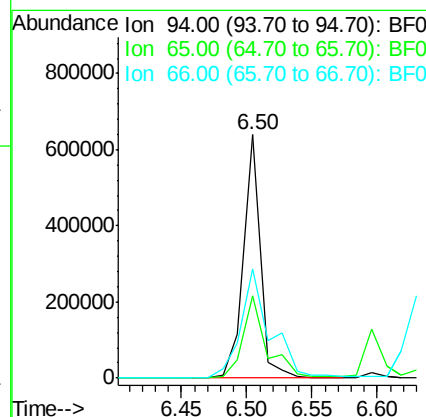
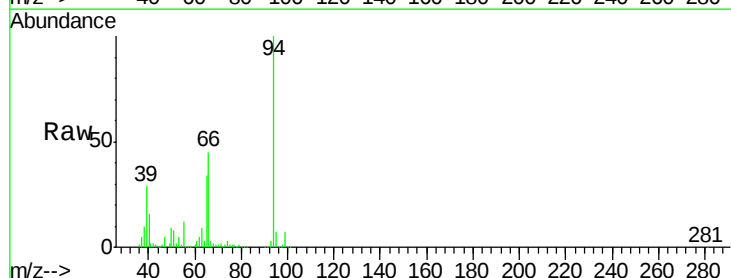
RT: 6.50 min Scan# 369

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Tgt Ion:	94	Resp:	569866
Ion Ratio	Lower	Upper	
94	100		
65	33.8	16.9	56.9
66	44.6	30.6	70.6





#11

bis(2-Chloroethyl)ether

Concen: 36.86 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

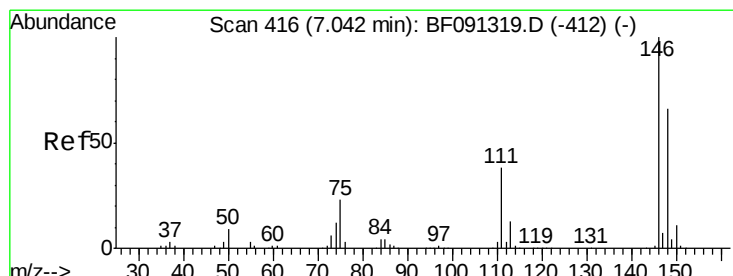
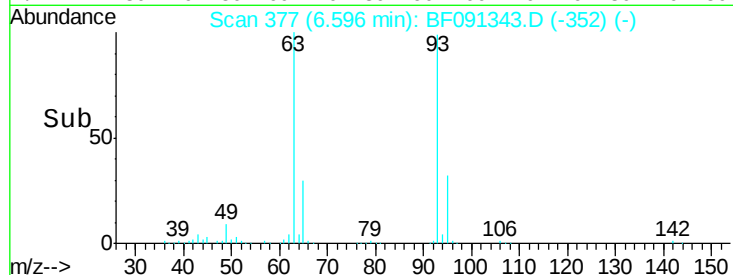
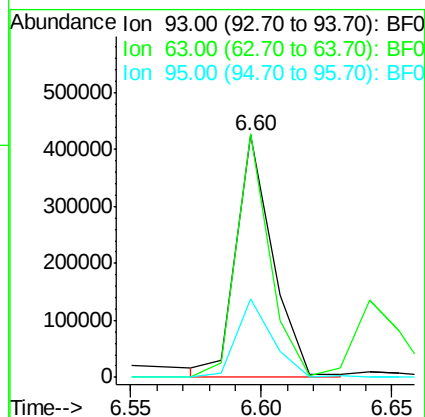
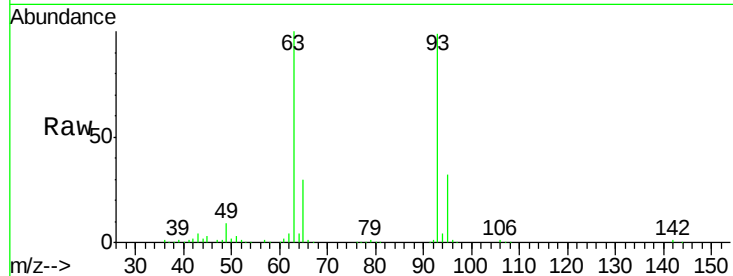
ClientSampleId :

PB94951BS

Tot Ion:	93	Resp:	416834
Ion	Ratio	Lower	Upper
93	100		
63	100.6	74.8	114.8
95	32.3	12.4	52.4

Manual Integrations
APPROVED

sohil
12/1/2016 3:27:17 PM



#12

1,3-Dichlorobenzene

Concen: 34.07 ng m

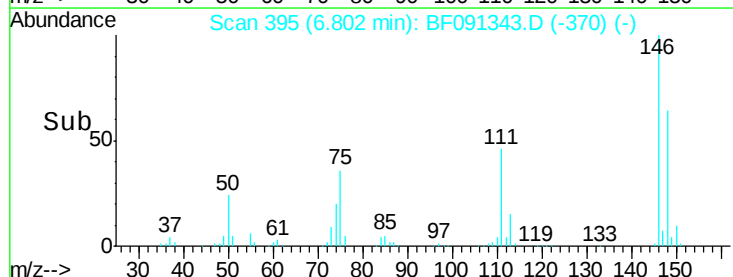
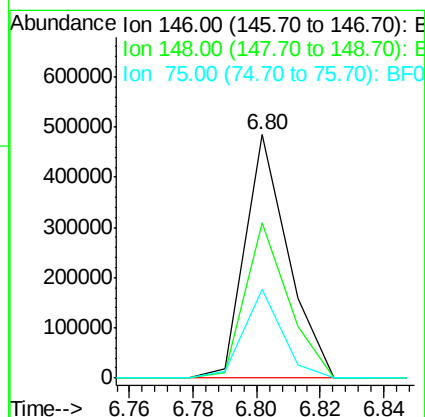
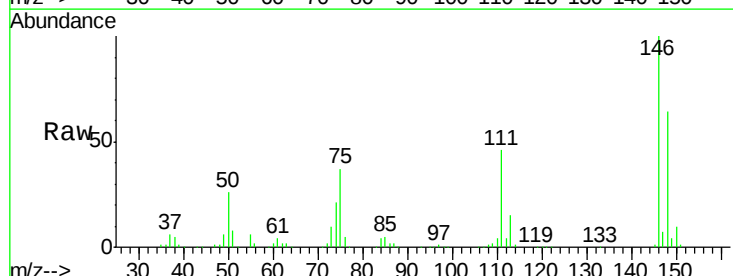
RT: 6.80 min Scan# 395

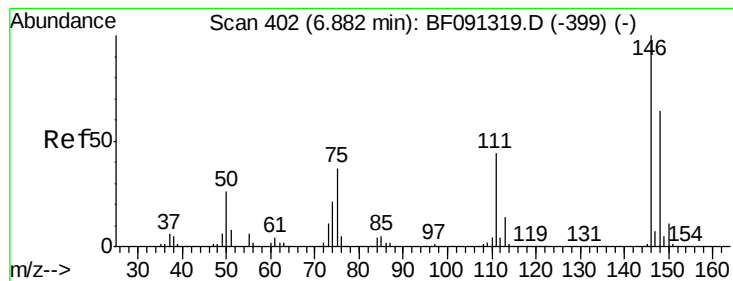
Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Tgt Ion:	146	Resp:	454030
Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.0
75	36.5	23.6	35.4#





#13

1,4-Dichlorobenzene

Concen: 35.65 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

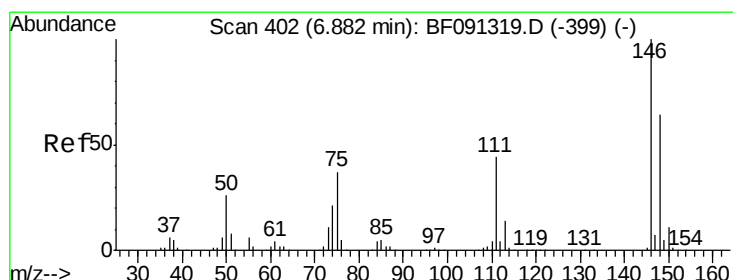
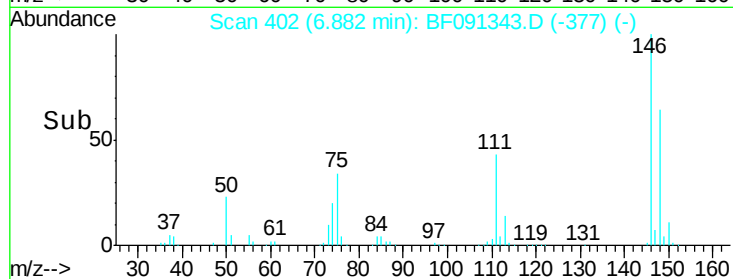
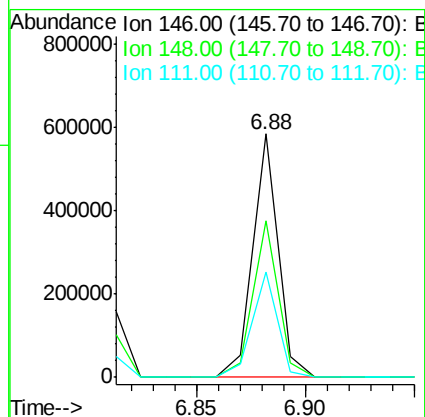
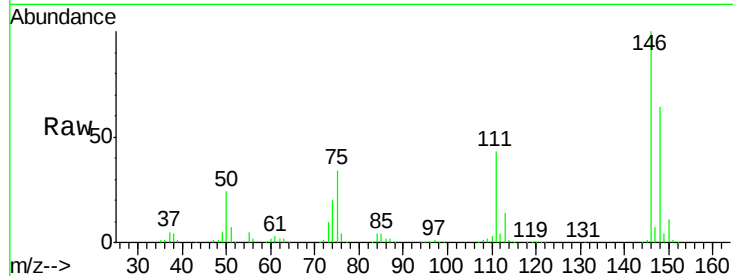
ClientSampleId :

PB94951BS

Tot Ion:	146	Resp:	472567
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.4	77.0
111	43.4	32.2	48.2

Manual Integrations
APPROVED

sohil
12/1/2016 3:27:17 PM



#14

1,2-Dichlorobenzene

Concen: 34.64 ng m

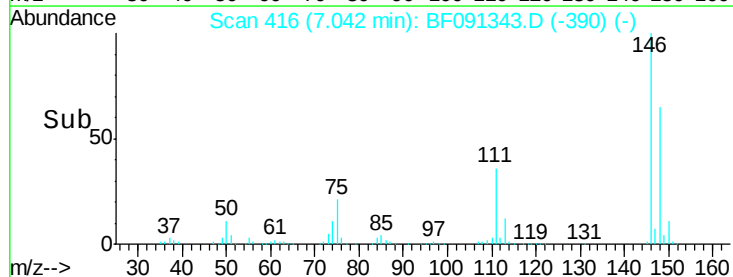
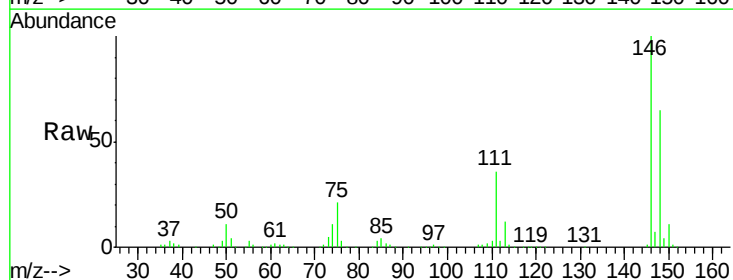
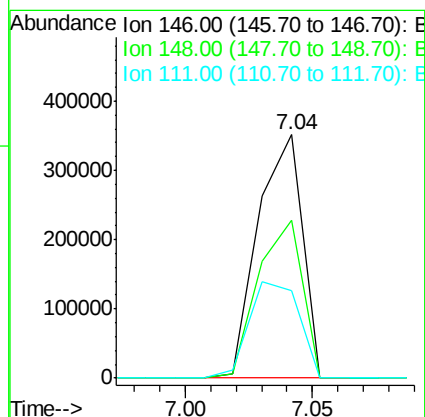
RT: 7.04 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Tgt Ion:	146	Resp:	427636
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.0	76.6
111	36.2	38.9	58.3#





#15

Benzyl Alcohol

Concen: 37.13 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

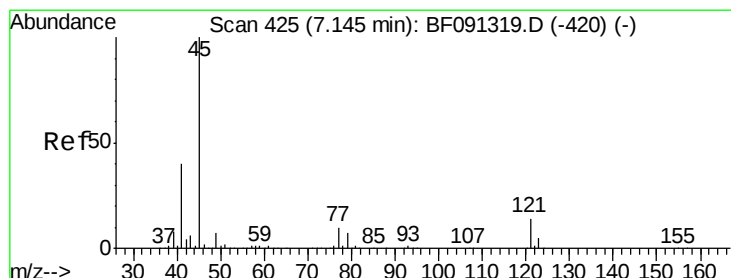
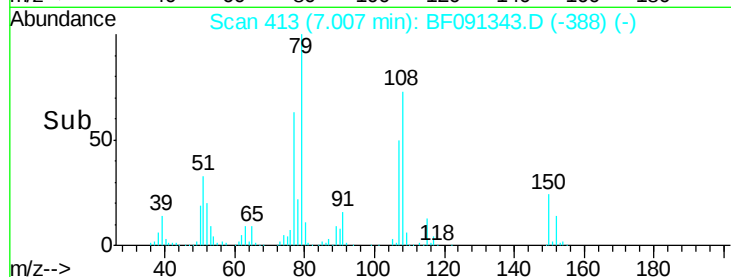
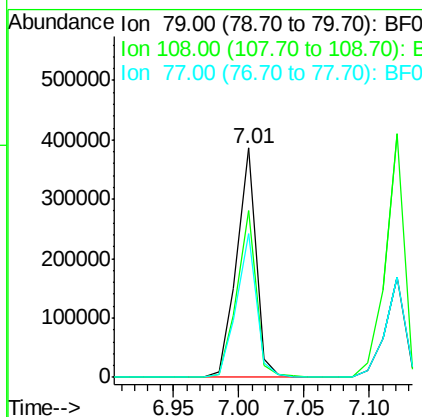
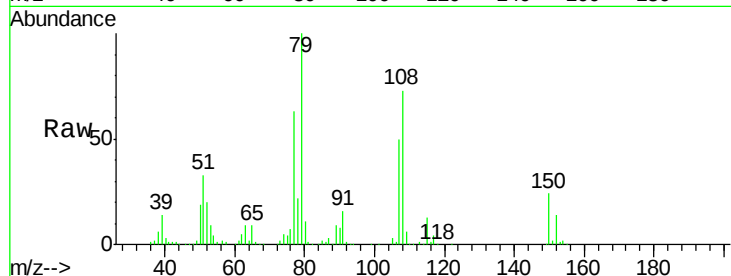
ClientSampled :

PB94951BS

Tot Ion:	79	Resp:	399638
Ion Ratio	Lower	Upper	
79	100		
108	73.0	62.7	94.1
77	62.8	51.7	77.5

Manual Integrations
APPROVED

sohil
12/1/2016 3:27:17 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.82 ng

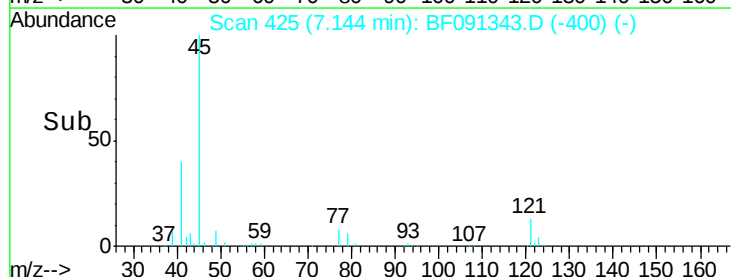
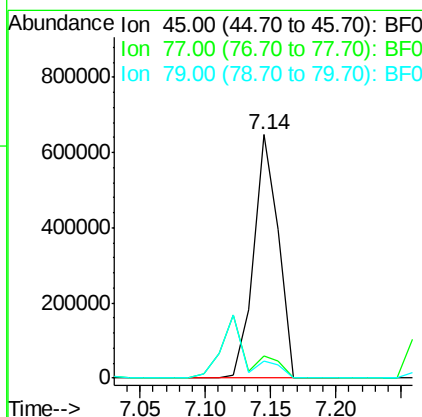
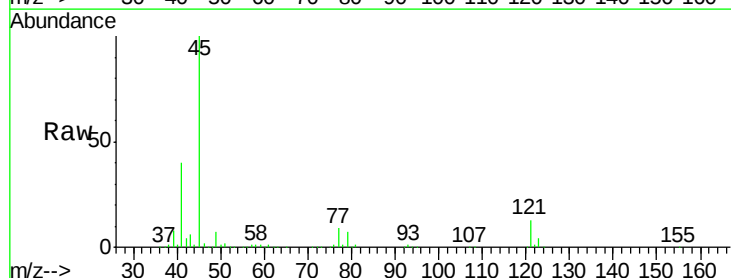
RT: 7.14 min Scan# 425

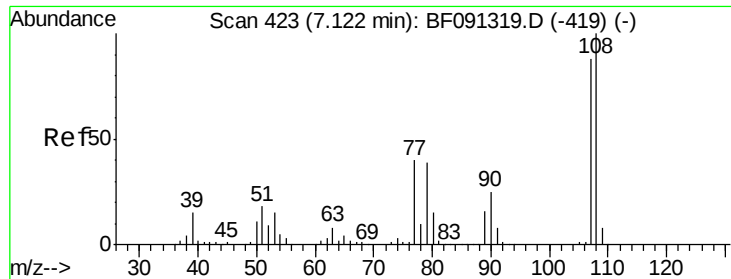
Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Tgt Ion:	45	Resp:	846774
Ion Ratio	Lower	Upper	
45	100		
77	9.0	3.8	43.8
79	7.0	0.2	40.2





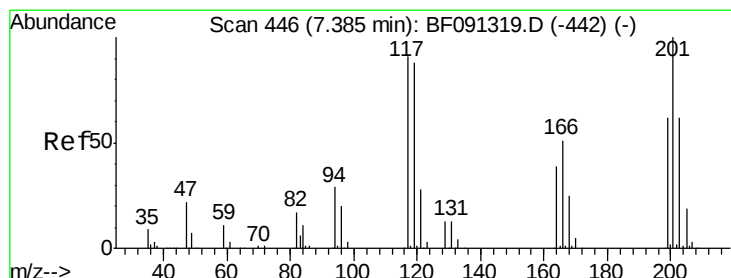
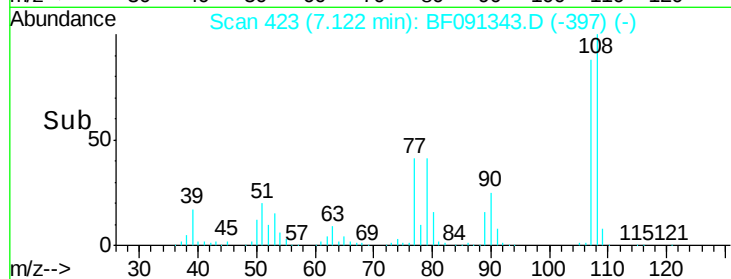
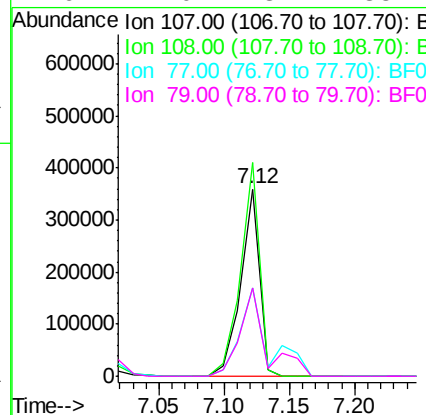
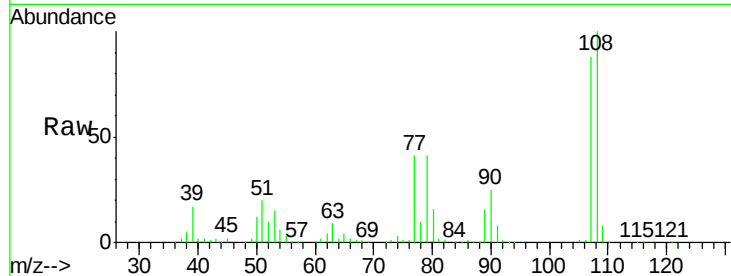
#17
2-Methylphenol
Concen: 37.63 ng
RT: 7.12 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Instrument :
BNA_F
ClientSampleId :
PB94951BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.2	67.7	101.5#	
77	46.9	40.7	61.1	
79	47.0	23.4	35.2#	

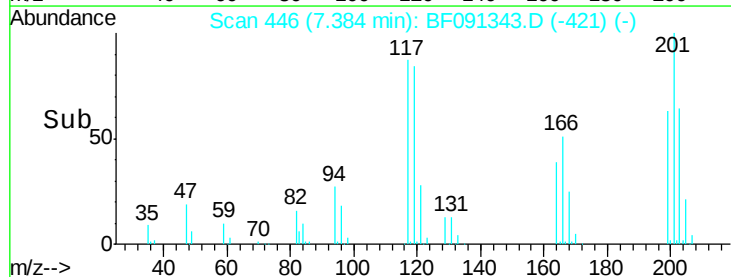
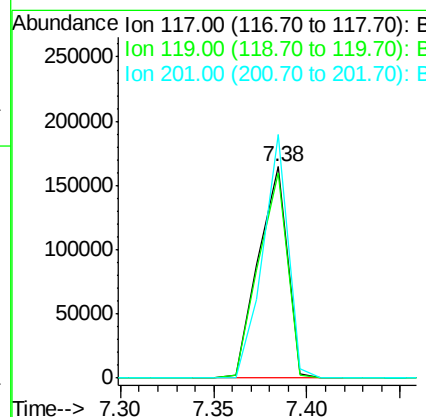
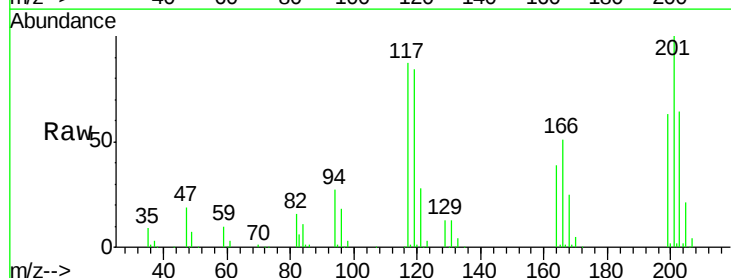
Manual Integrations
APPROVED

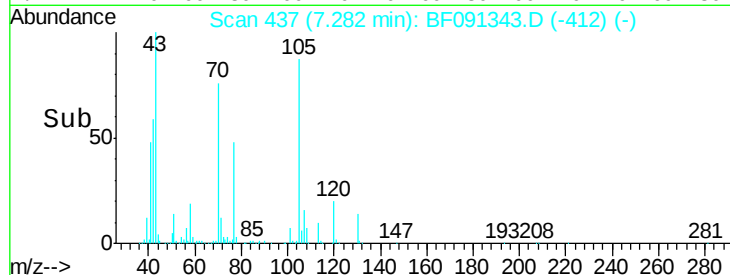
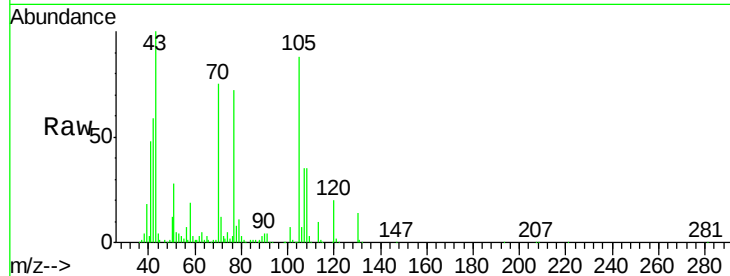
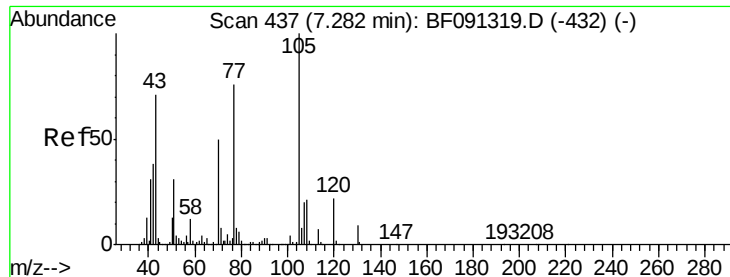
sohil
12/1/2016 3:27:17 PM



#18
Hexachloroethane
Concen: 37.57 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	78.6	118.0	
201	115.1	86.7	130.1	





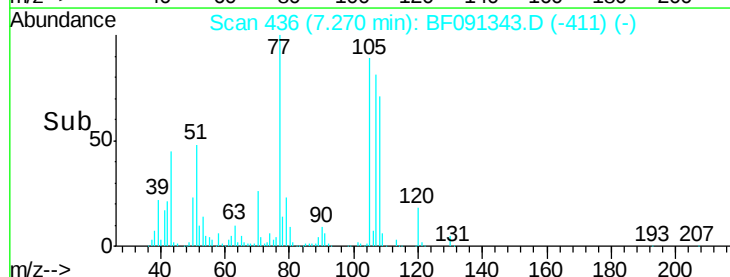
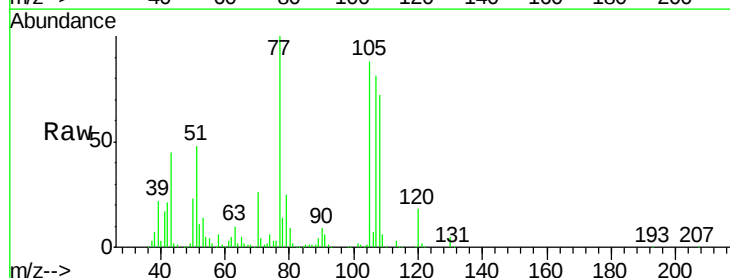
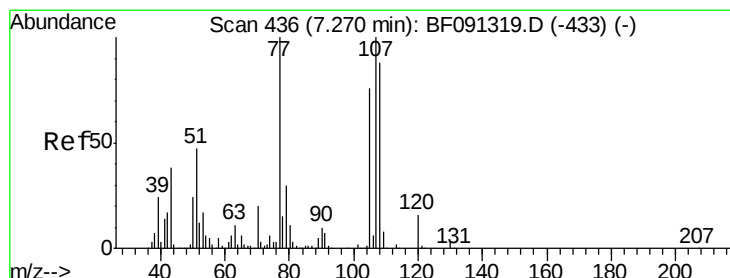
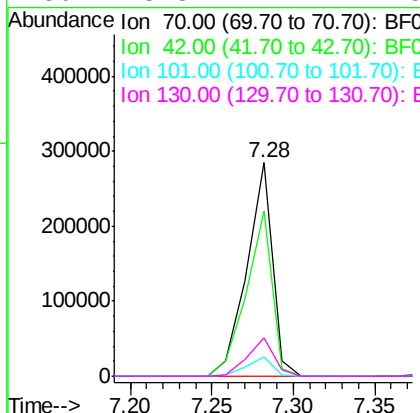
#19
n-Nitroso-di-n-propylamine
Concen: 36.67 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Instrument :
BNA_F
ClientSampleId :
PB94951BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	77.6	64.8	97.2
101	8.8	6.2	9.4
130	18.3	11.7	17.5#

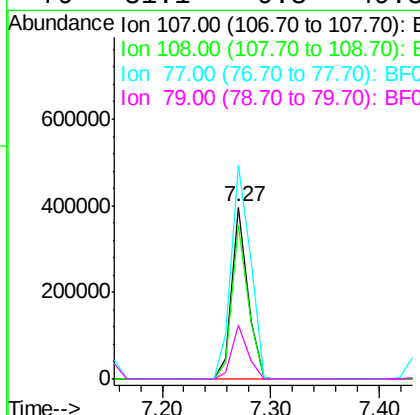
Manual Integrations
APPROVED

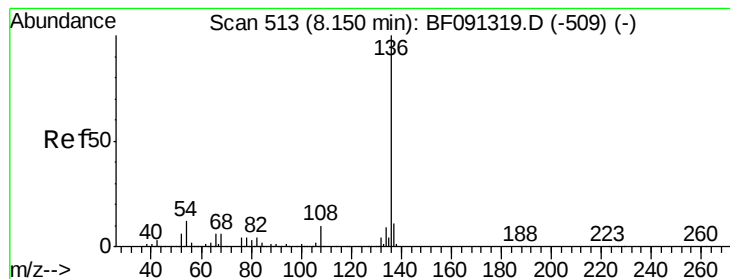
sohil
12/1/2016 3:27:17 PM



#20
3+4-Methylphenols
Concen: 34.52 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	64.6	104.6
77	124.1	30.9	70.9#
79	31.1	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

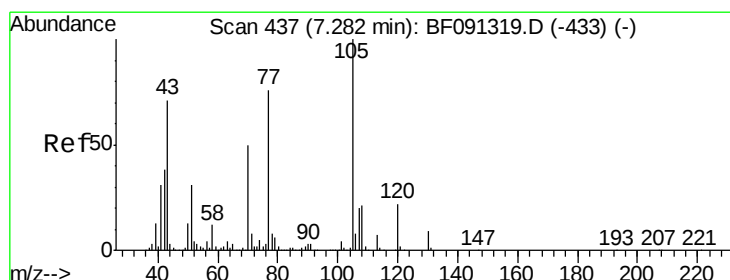
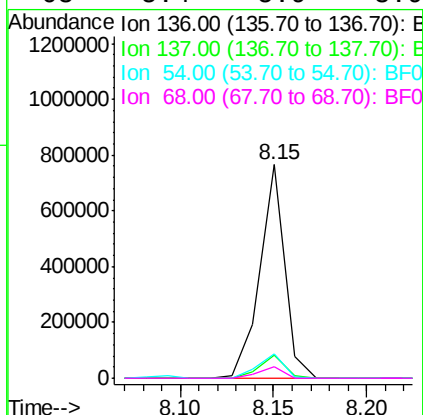
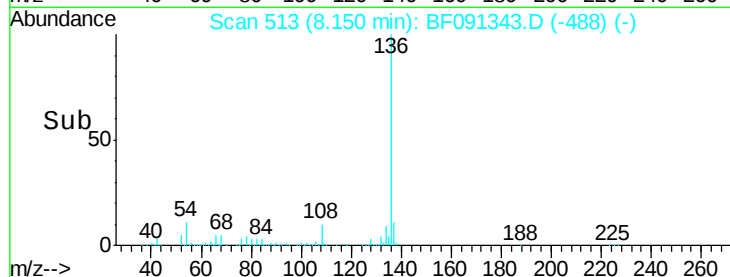
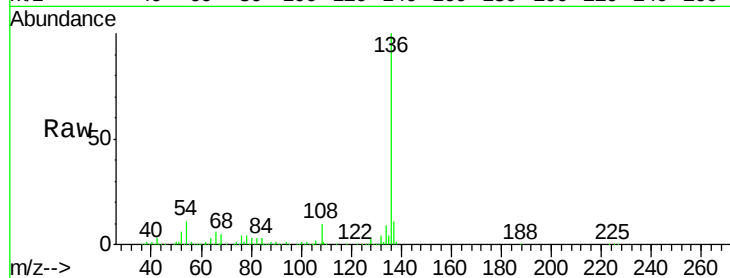
ClientSampleId :

PB94951BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	9.1	13.7
54	11.1	9.1	13.7
68	5.4	5.9	8.9#

Manual Integrations
APPROVED

sohil
12/1/2016 3:27:17 PM



#22

Acetophenone

Concen: 35.10 ng

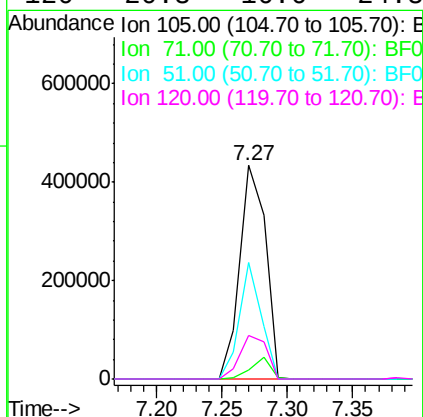
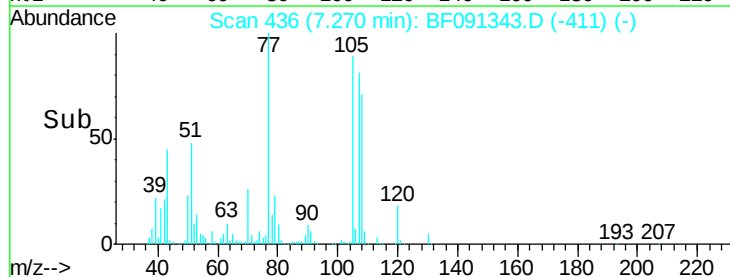
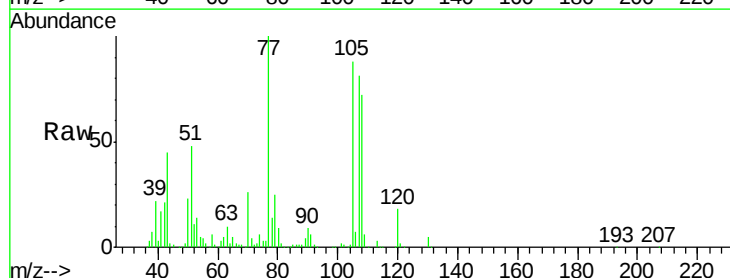
RT: 7.27 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	4.4	7.9	11.9#
51	54.7	24.5	36.7#
120	20.3	16.6	24.8





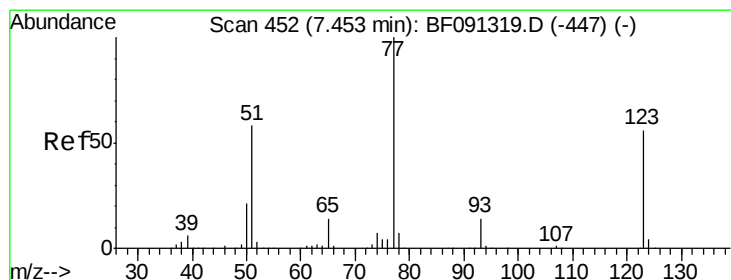
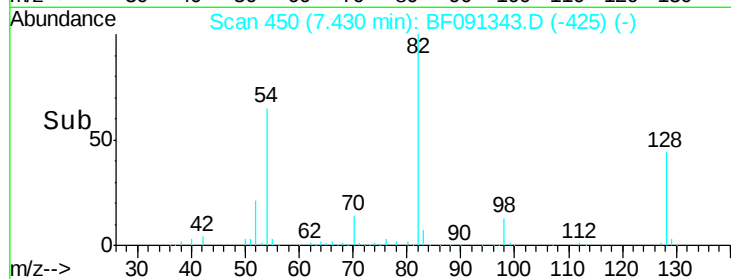
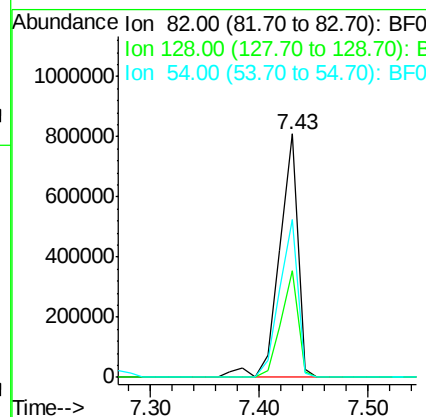
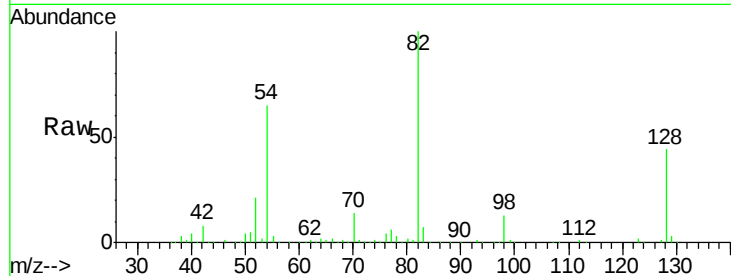
#23
 Nitrobenzene-d5
 Concen: 74.19 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Instrument :
 BNA_F
 ClientSampled :
 PB94951BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.7	31.8	47.6	
54	65.0	49.1	73.7	

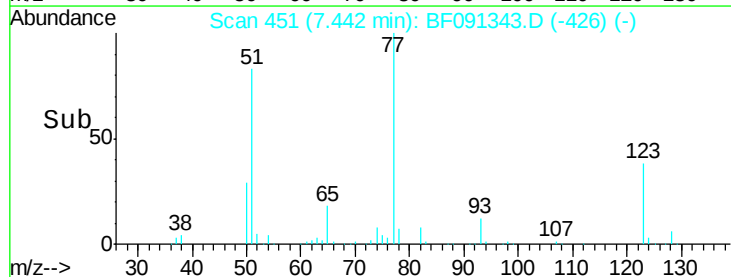
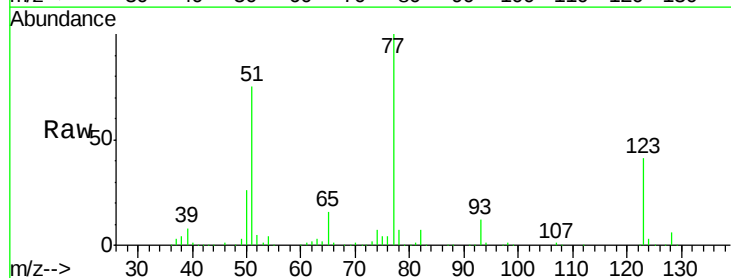
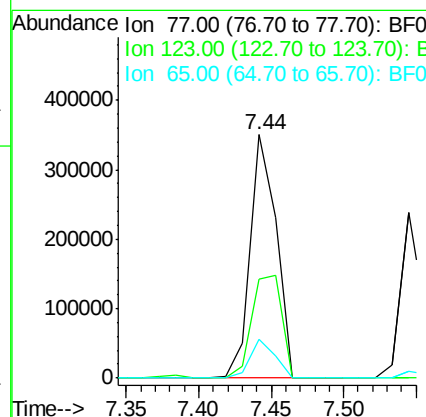
Manual Integrations
 APPROVED

sohil
 12/1/2016 3:27:17 PM



#24
 Nitrobenzene
 Concen: 33.30 ng
 RT: 7.44 min Scan# 451
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	40.5	28.5	42.7	
65	15.7	12.5	18.7	





#25

Isophorone

Concen: 38.10 ng

RT: 7.69 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

ClientSampleId :

PB94951BS

Tot Ion: 82 Resp: 863529

Ion Ratio Lower Upper

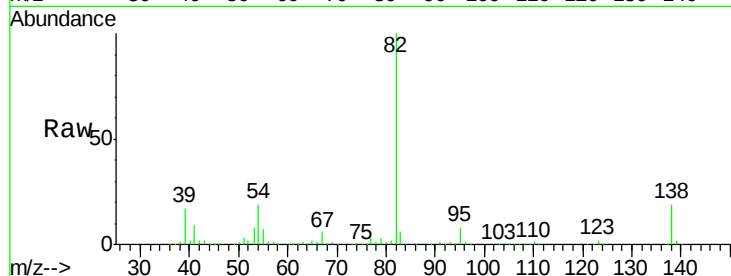
82 100

95 7.5 5.7 8.5

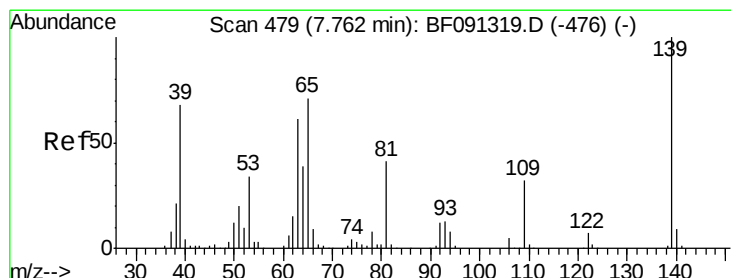
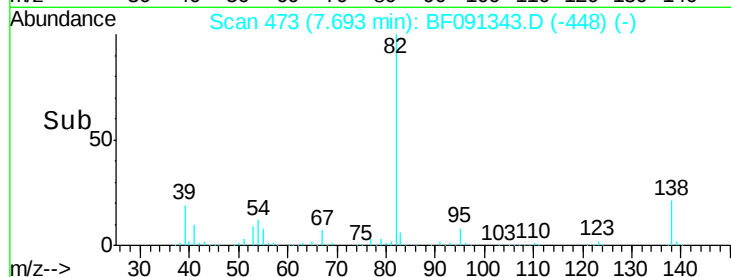
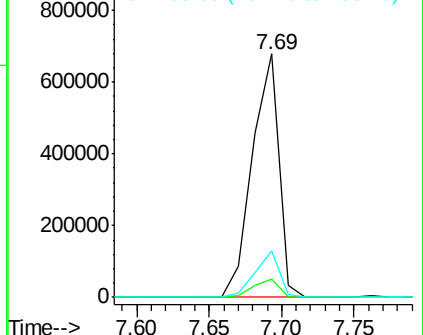
138 18.9 13.4 20.0

Manual Integrations
APPROVED

sohil
12/1/2016 3:27:17 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 33.81 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

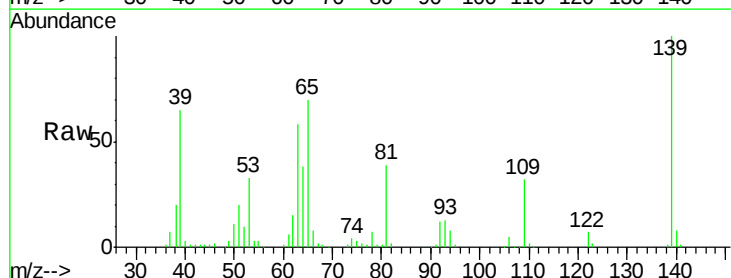
Tgt Ion: 139 Resp: 201827

Ion Ratio Lower Upper

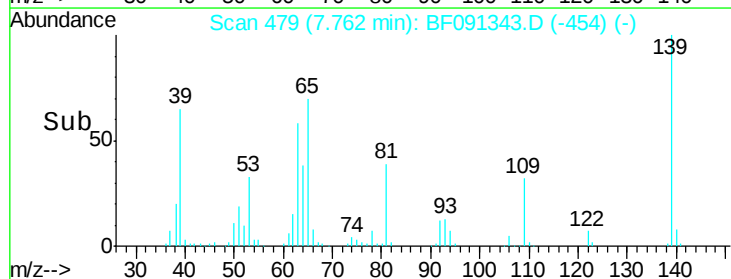
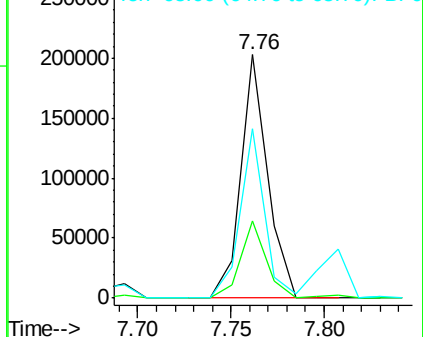
139 100

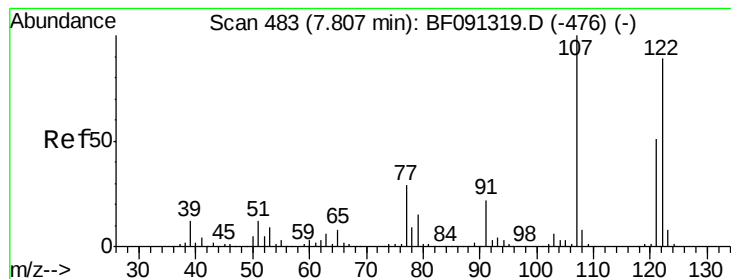
109 31.5 25.3 37.9

65 69.6 55.4 83.2



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





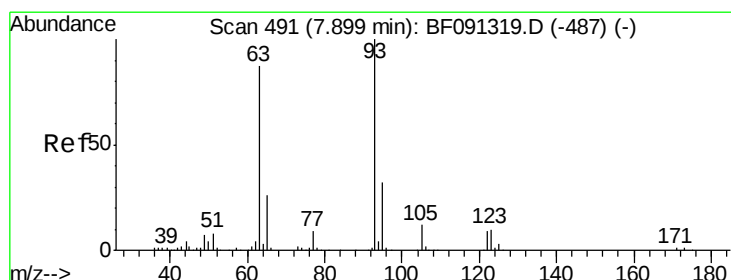
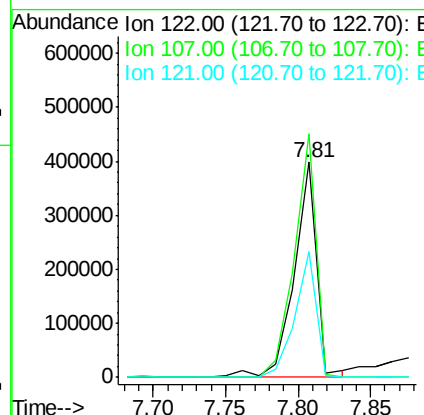
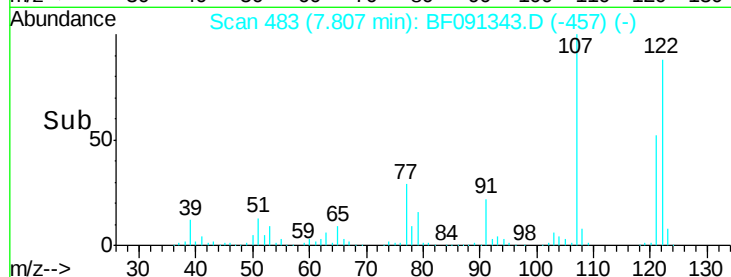
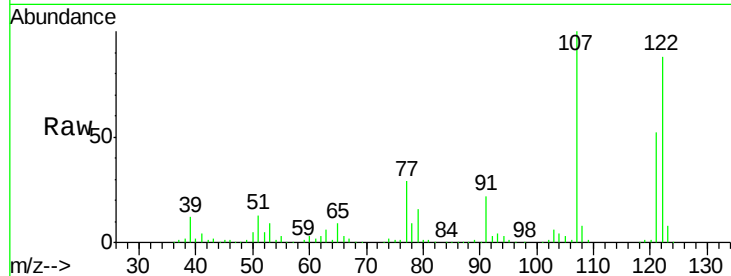
#27
 2,4-Dimethylphenol
 Concen: 38.25 ng
 RT: 7.81 min Scan# 483
 Delta R.T. -0.01 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB94951BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		427128		
107	113.0	96.8		145.2	
121	58.3	47.7		71.5	

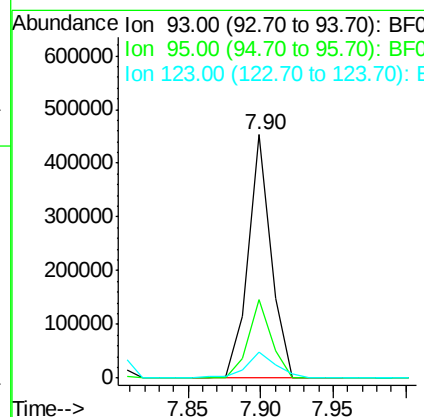
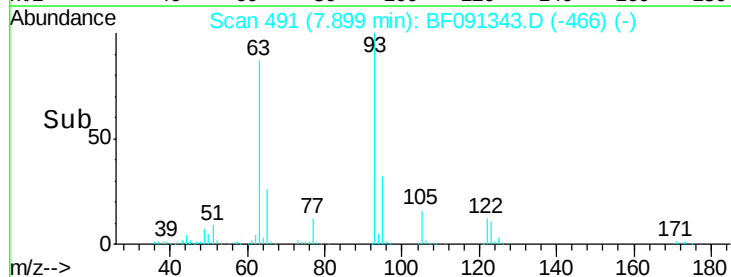
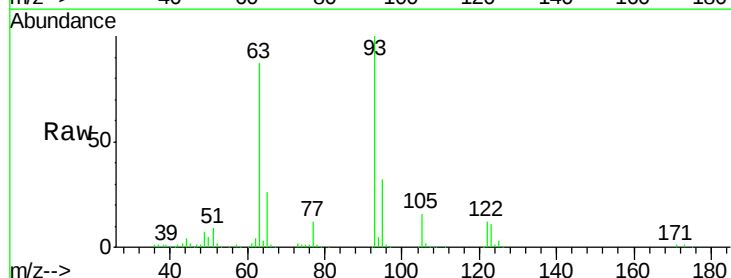
Manual Integrations
 APPROVED

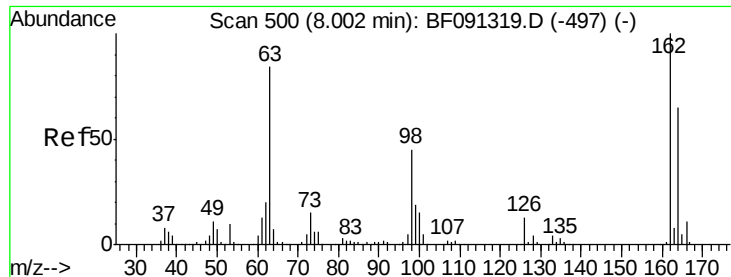
sohil
 12/1/2016 3:27:17 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.40 ng
 RT: 7.90 min Scan# 491
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		496604		
95	32.0	26.0		39.0	
123	10.9	8.6		12.8	





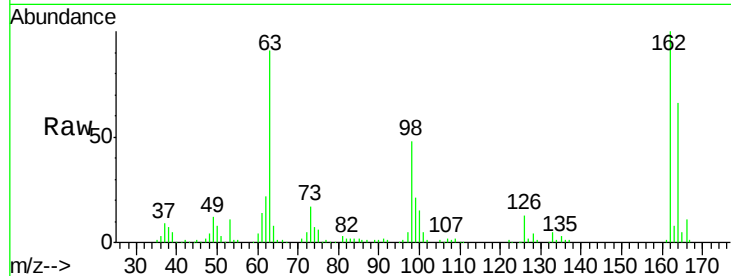
#29
 2,4-Dichlorophenol
 Concen: 34.70 ng
 RT: 8.00 min Scan# 500
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB94951BS

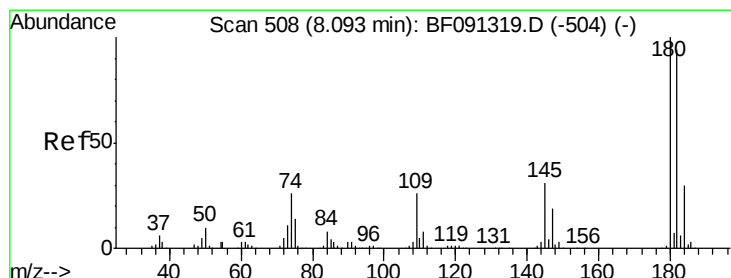
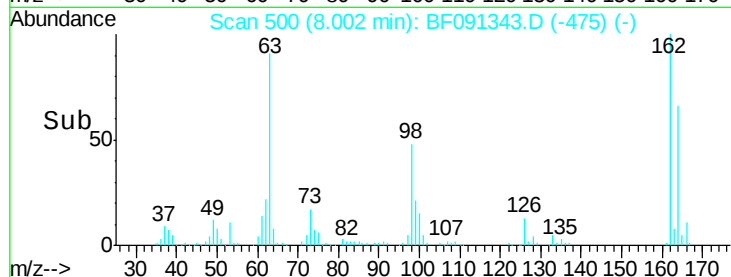
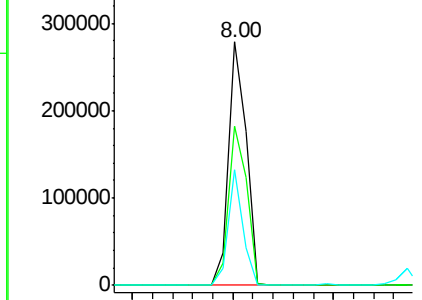
Tot Ion	Ratio	Resp	Lower	Upper
162	100	340887		
164	65.5	45.0	85.0	
98	47.6	21.3	61.3	

Manual Integrations
 APPROVED

sohil
 12/1/2016 3:27:17 PM

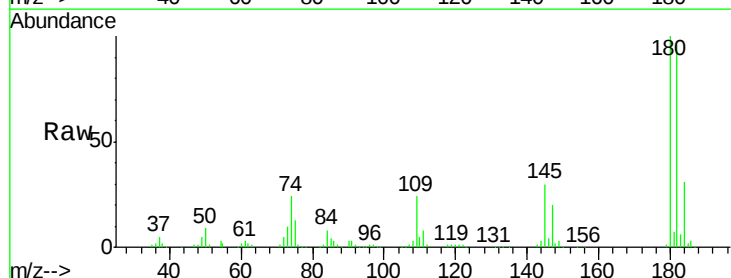


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

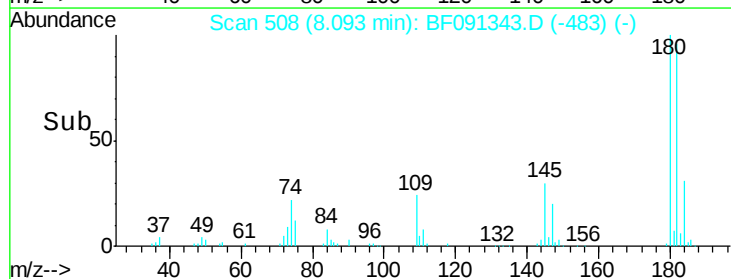
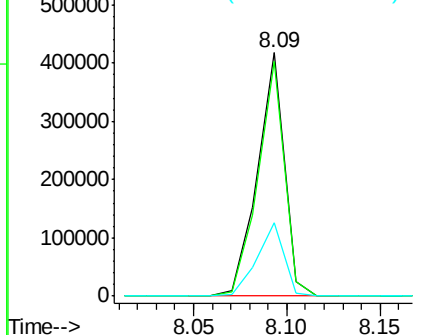


#30
 1,2,4-Trichlorobenzene
 Concen: 37.54 ng
 RT: 8.09 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	413457		
182	96.4	75.8	113.8	
145	30.2	27.0	40.4	



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





#31

Naphthalene

Concen: 36.92 ng

RT: 8.17 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

ClientSampleId :

PB94951BS

Tot Ion:128 Resp: 1258223

Ion Ratio Lower Upper

128 100

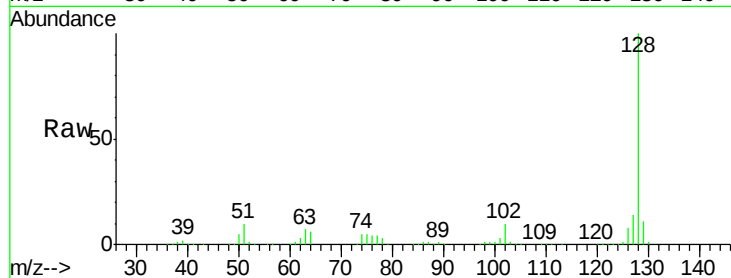
129 11.3 9.1 13.7

127 13.6 11.0 16.4

Manual Integrations
APPROVED

sohil

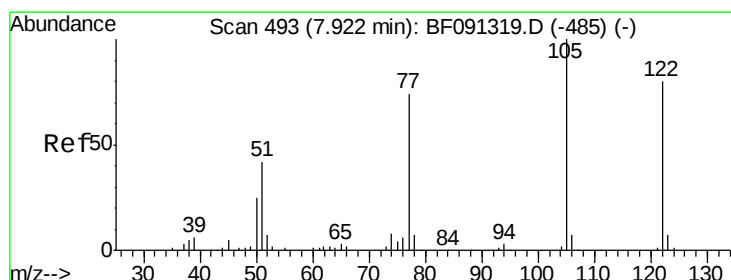
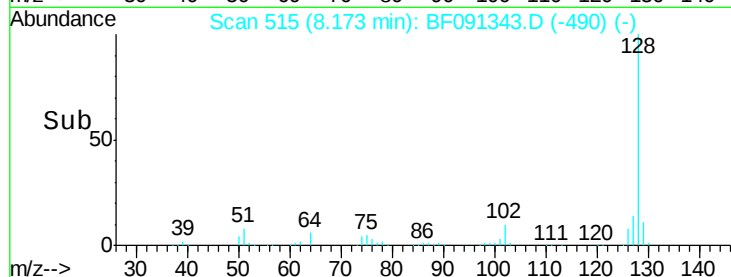
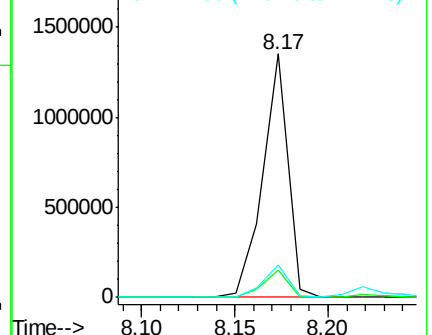
12/1/2016 3:27:17 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.55 ng

RT: 7.92 min Scan# 493

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

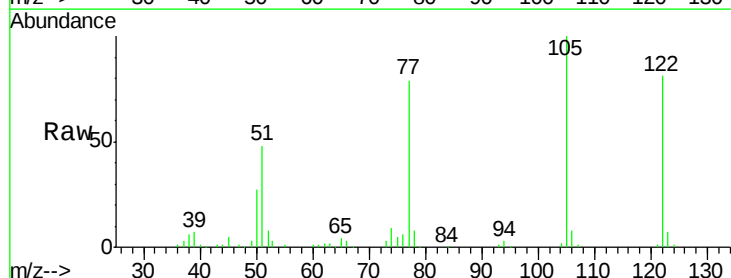
Tgt Ion:122 Resp: 267957

Ion Ratio Lower Upper

122 100

105 123.0 113.0 153.0

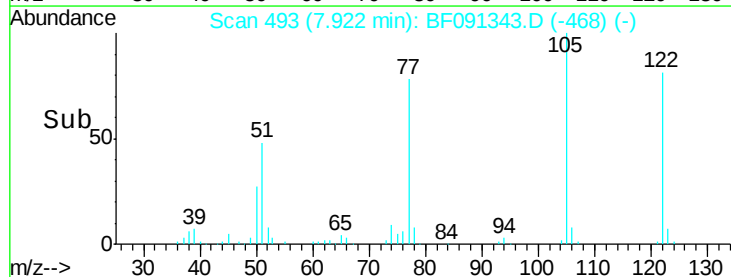
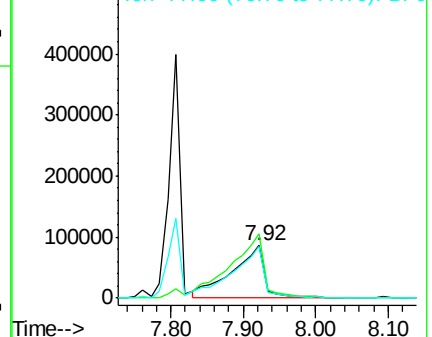
77 97.6 82.0 122.0

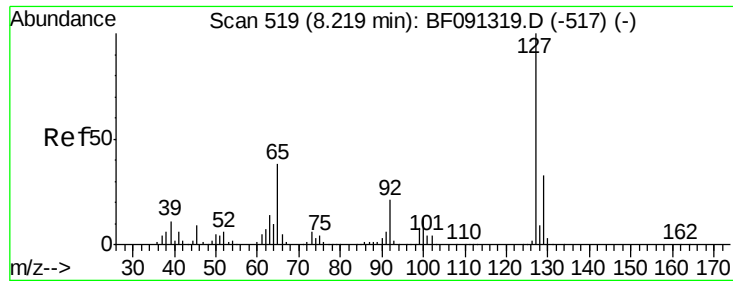


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





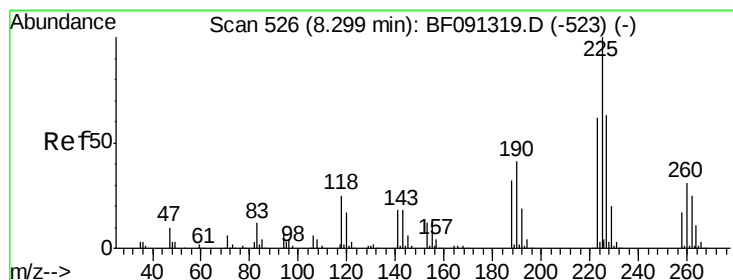
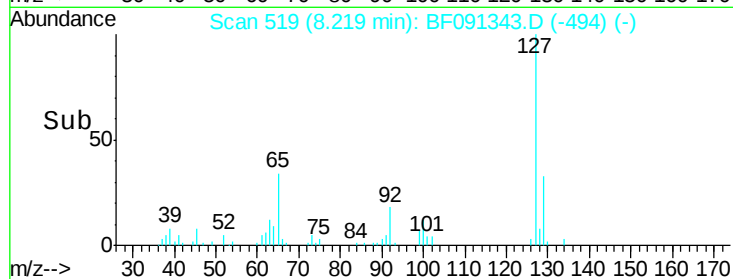
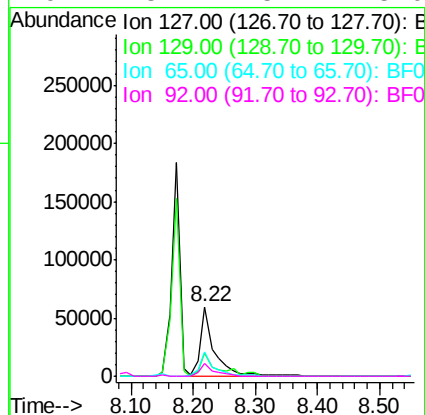
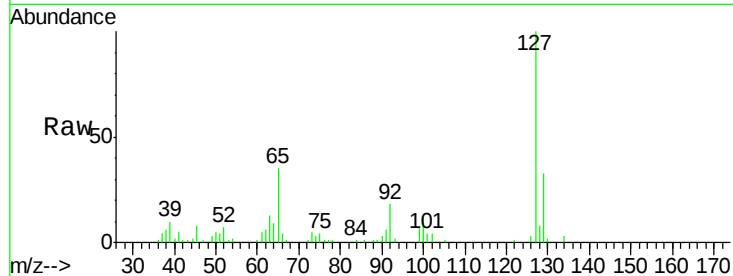
#33
4-Chloroaniline
Concen: 6.56 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Instrument :
BNA_F
ClientSampled :
PB94951BS

Tot Ion:	127	Resp:	95553
Ion Ratio	Lower	Upper	
127	100		
129	32.8	26.2	39.4
65	34.9	26.6	39.8
92	18.1	15.4	23.0

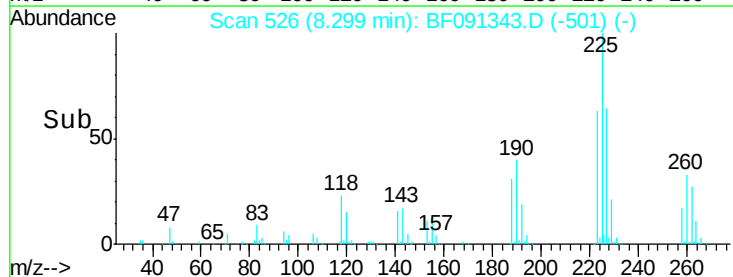
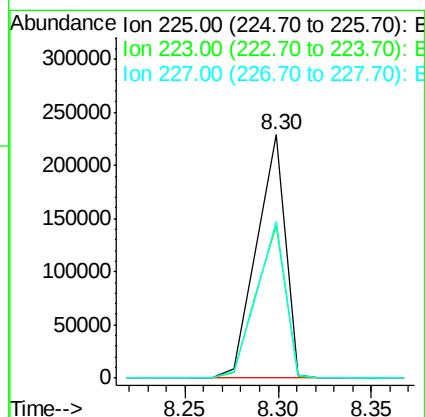
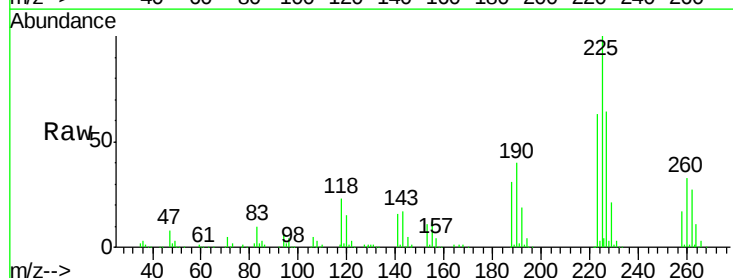
Manual Integrations
APPROVED

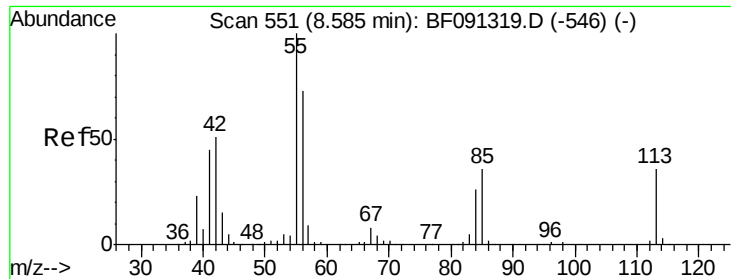
sohil
12/1/2016 3:27:17 PM



#34
Hexachlorobutadiene
Concen: 36.15 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Tgt Ion:	225	Resp:	244853
Ion Ratio	Lower	Upper	
225	100		
223	62.6	49.8	74.6
227	64.3	52.6	79.0





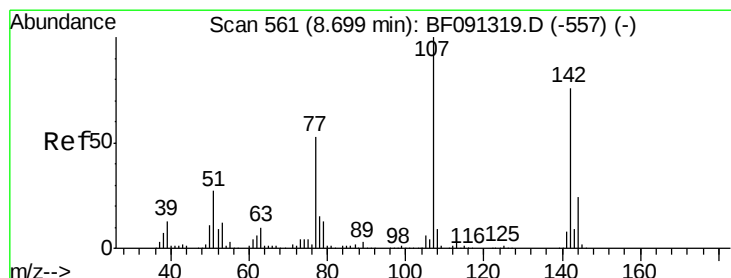
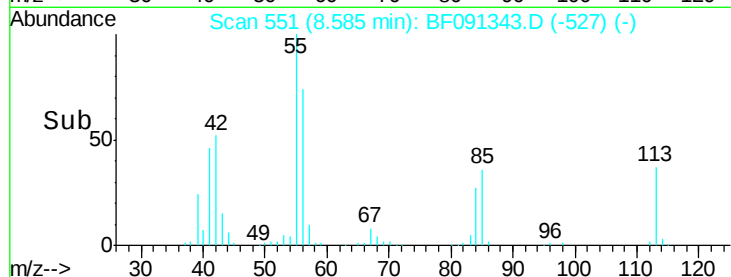
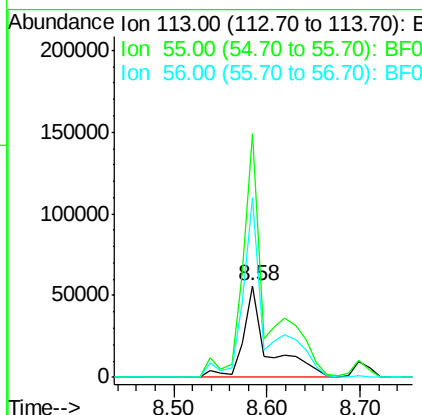
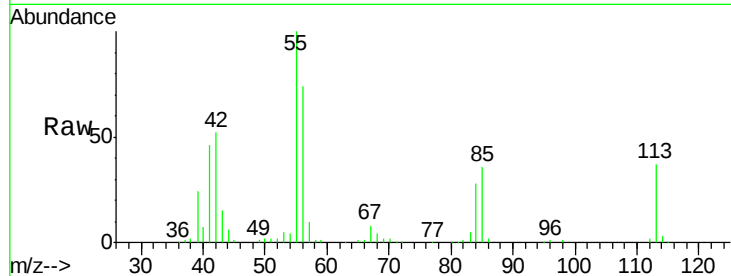
#35
 Caprolactam
 Concen: 36.62 ng
 RT: 8.58 min Scan# 551
 Delta R.T. -0.03 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB94951BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	266.8	239.8	279.8
56	196.8	165.6	205.6

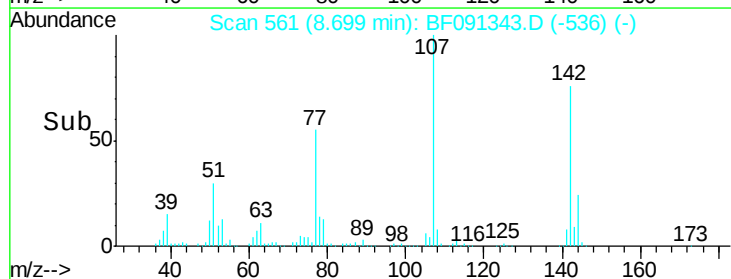
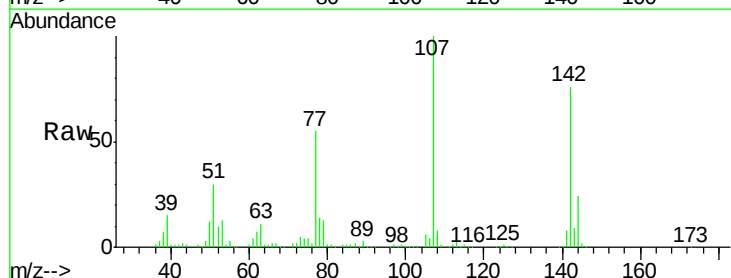
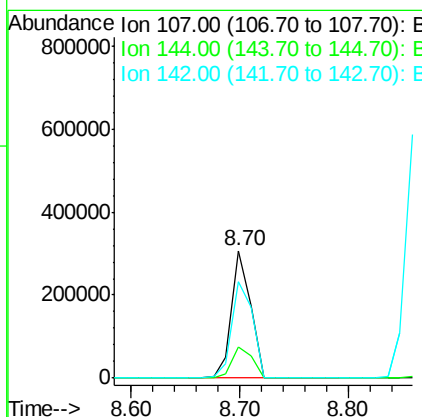
Manual Integrations
 APPROVED

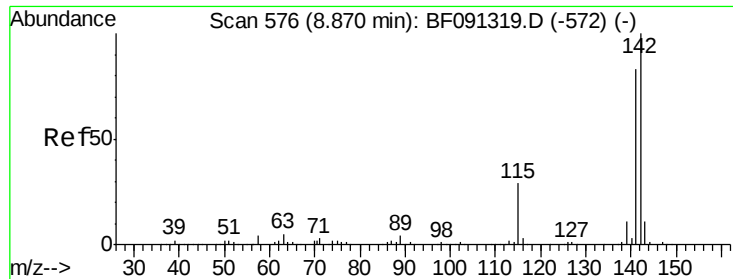
sohil
 12/1/2016 3:27:17 PM



#36
 4-Chloro-3-methylphenol
 Concen: 35.08 ng
 RT: 8.70 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	18.9	28.3
142	75.5	58.5	87.7





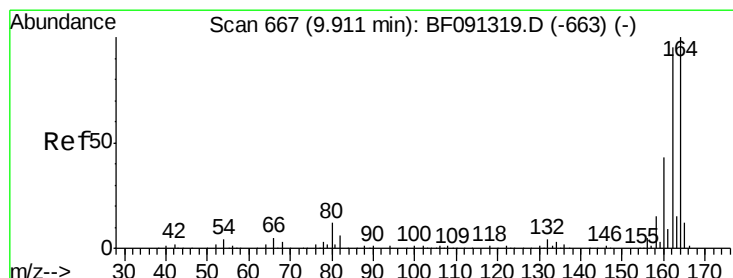
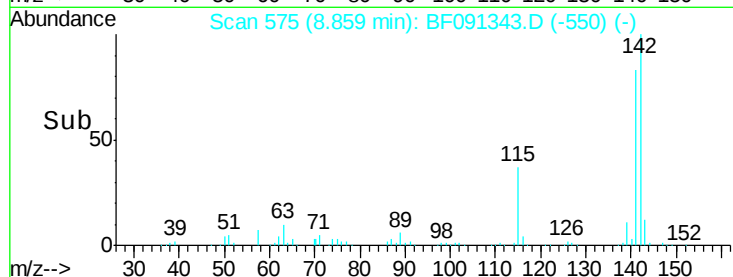
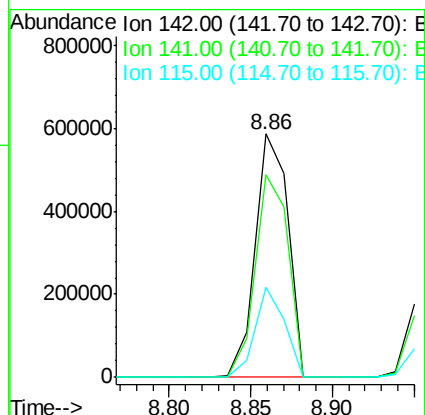
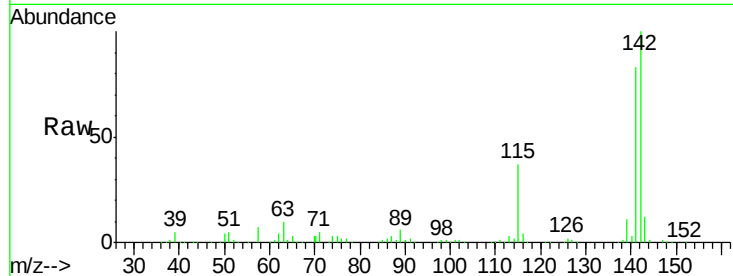
#37
2-Methylnaphthalene
Concen: 35.30 ng
RT: 8.86 min Scan# 575
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Instrument :
BNA_F
ClientSampleId :
PB94951BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.1	71.7	107.5
115	36.8	25.0	37.6

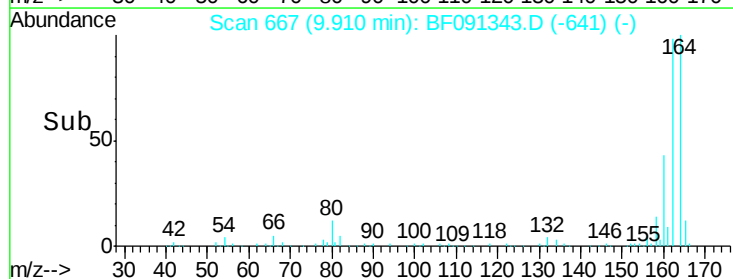
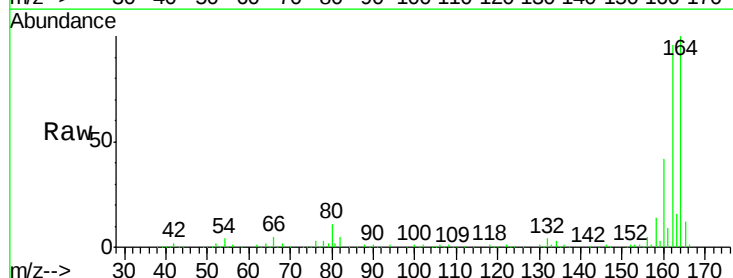
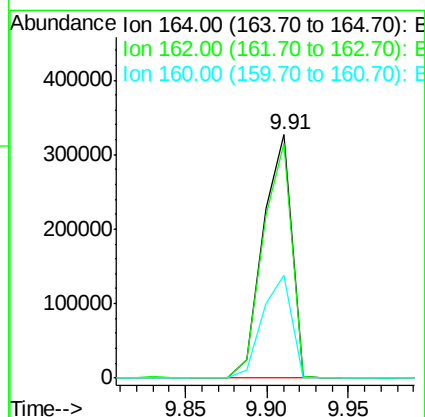
Manual Integrations
APPROVED

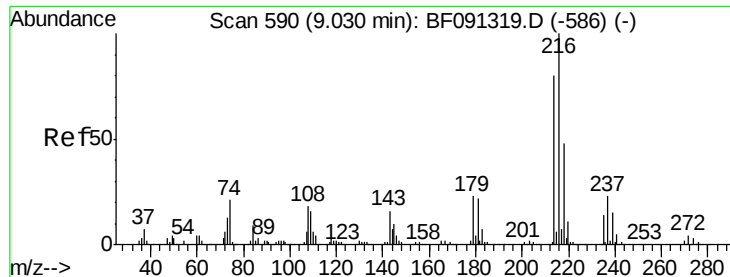
sohil
12/1/2016 3:27:17 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.3	82.6	124.0
160	42.1	36.7	55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.77 ng

RT: 9.03 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

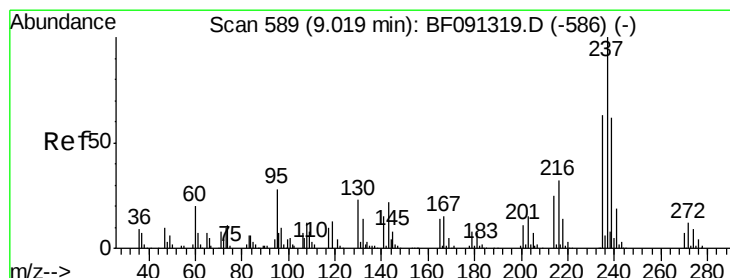
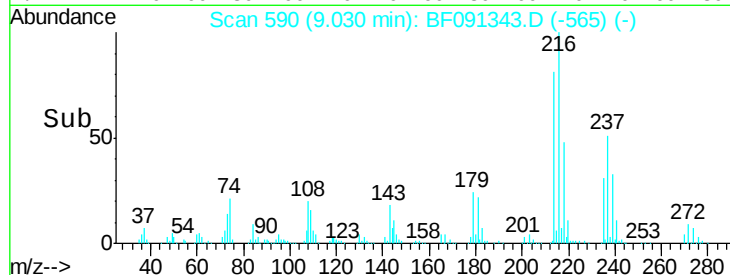
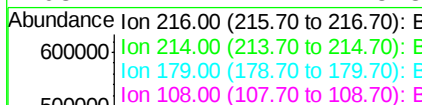
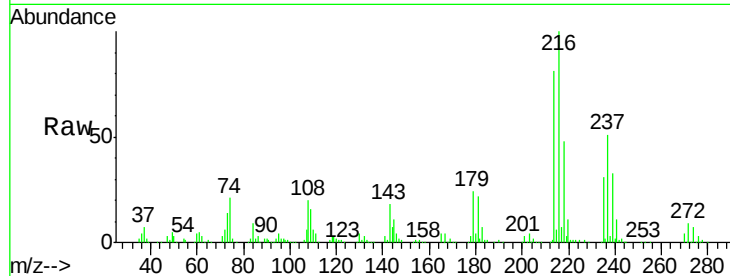
ClientSampleId :

PB94951BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		369335		
214	80.1		63.8	95.8	
179	22.9		18.2	27.2	
108	22.2		17.2	25.8	

Manual Integrations
APPROVED

sohil
12/1/2016 3:27:17 PM



#40

Hexachlorocyclopentadiene

Concen: 85.35 ng

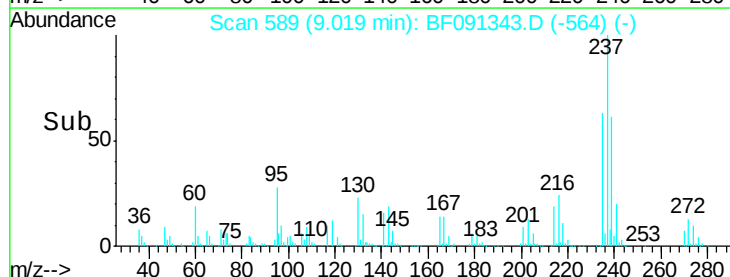
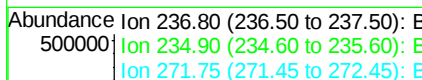
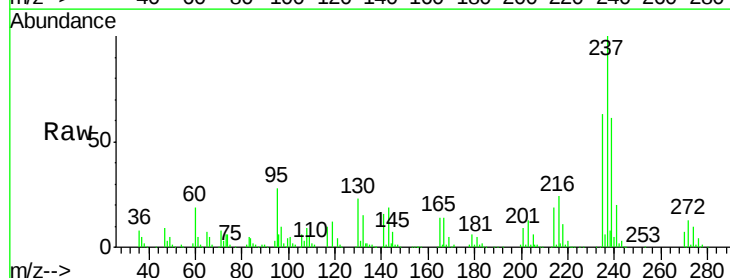
RT: 9.02 min Scan# 589

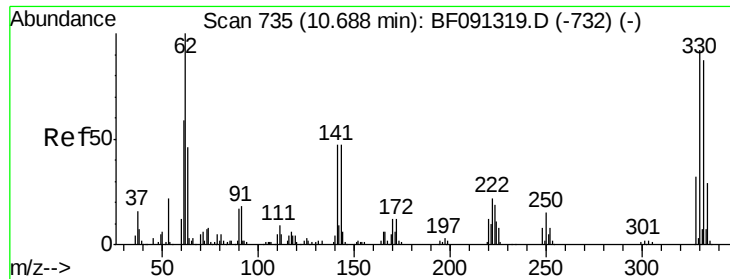
Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		445834		
235	63.3		43.9	83.9	
272	13.0		0.0	33.1	





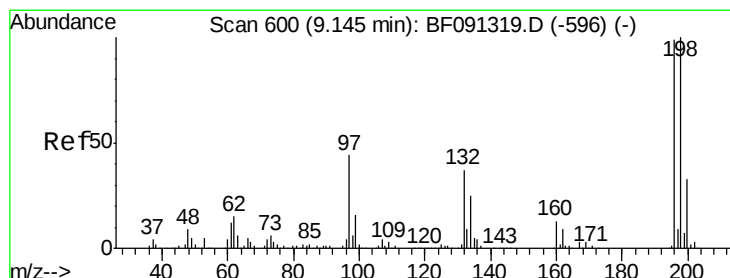
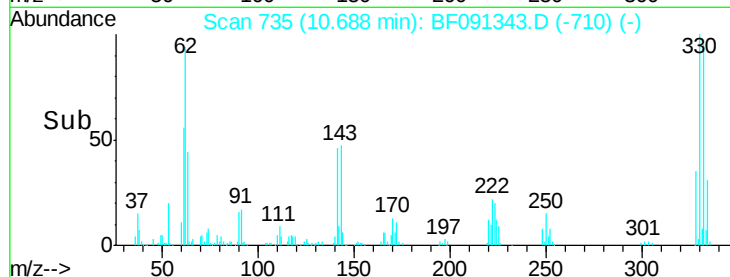
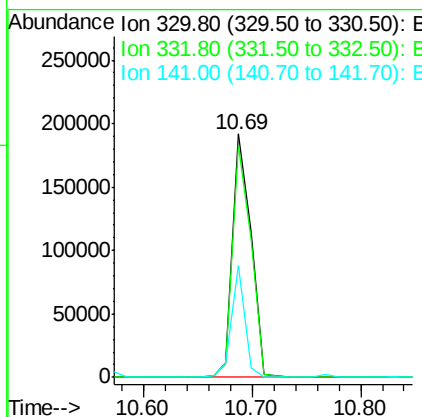
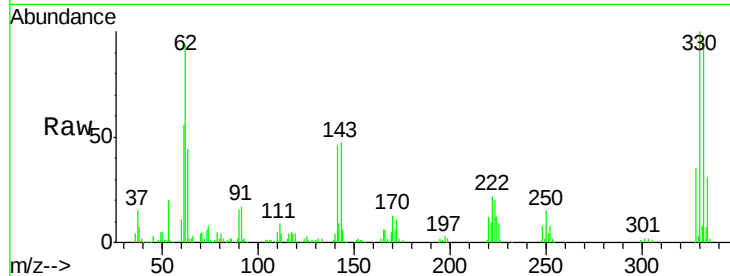
#41
 2,4,6-Tribromophenol
 Concen: 58.61 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Instrument :
 BNA_F
 ClientSampleID :
 PB94951BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	221794		
332	95.3	76.2	114.4	
141	33.6	33.6	50.4#	

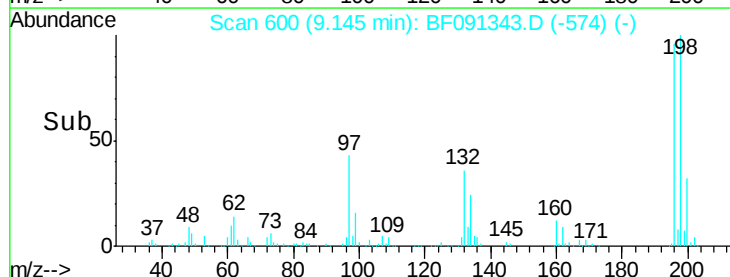
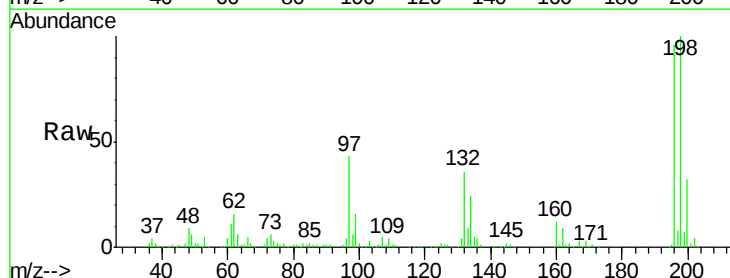
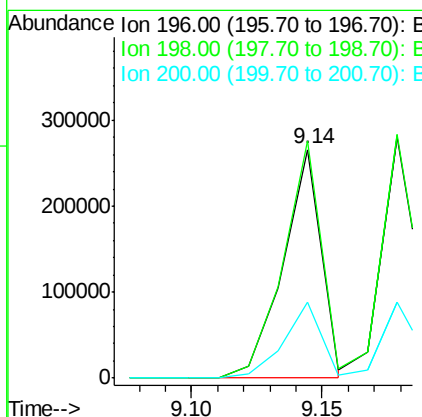
Manual Integrations
 APPROVED

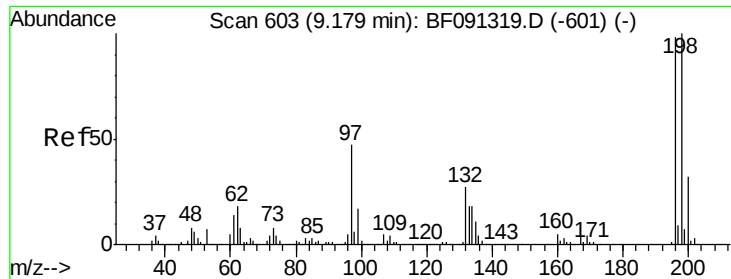
sohil
 12/1/2016 3:27:17 PM



#42
 2,4,6-Trichlorophenol
 Concen: 36.86 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	269986		
198	103.8	77.4	116.0	
200	33.3	25.2	37.8	





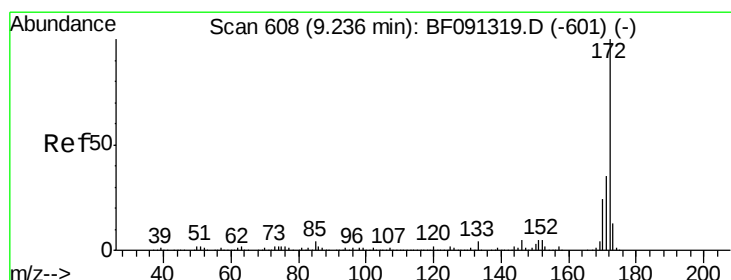
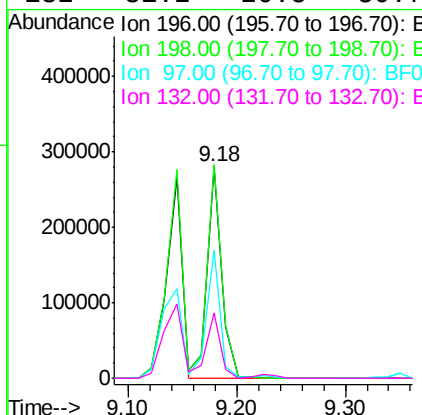
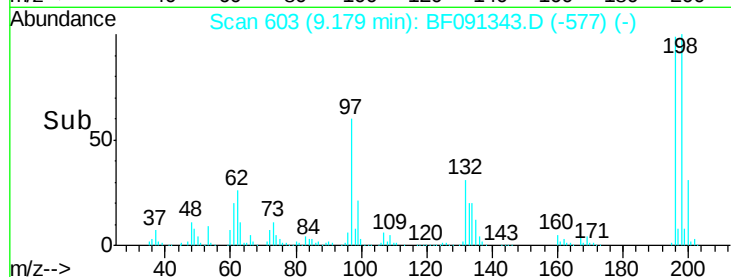
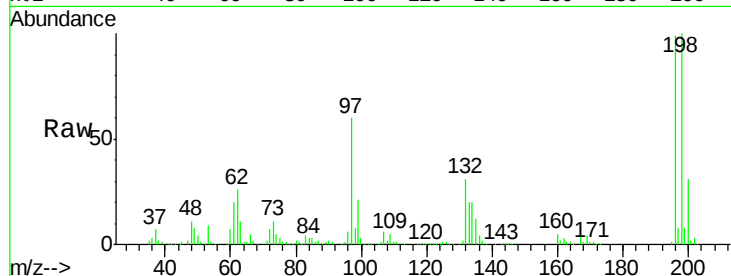
#43
2,4,5-Trichlorophenol
Concen: 35.91 ng
RT: 9.18 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Instrument :
BNA_F
ClientSampleId :
PB94951BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	263598		
198	101.0	77.0	115.6	
97	60.5	33.5	50.3	
132	31.2	20.5	30.7	

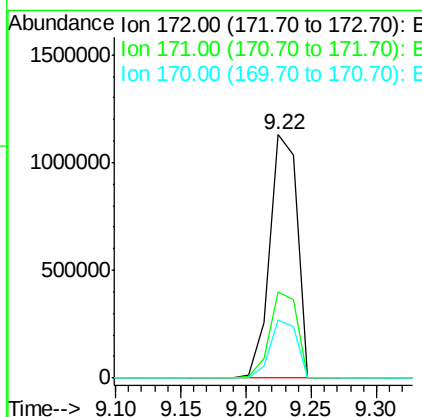
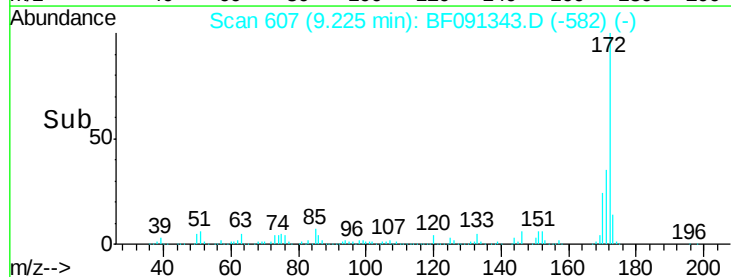
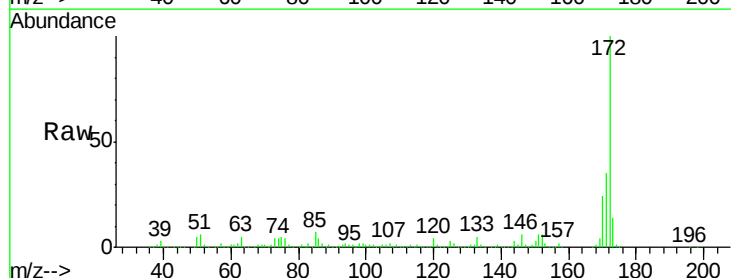
Manual Integrations
APPROVED

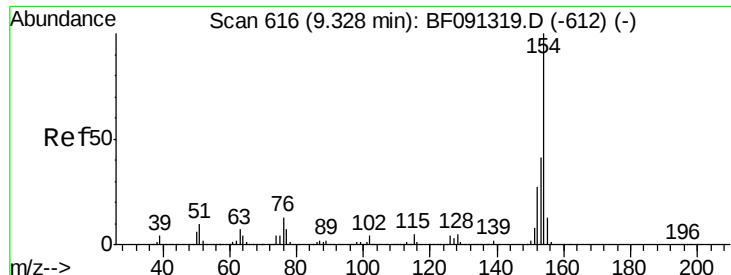
sohil
12/1/2016 3:27:17 PM



#44
2-Fluorobiphenyl
Concen: 75.75 ng
RT: 9.22 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1672400		
171	35.4	29.4	44.0	
170	23.7	19.7	29.5	





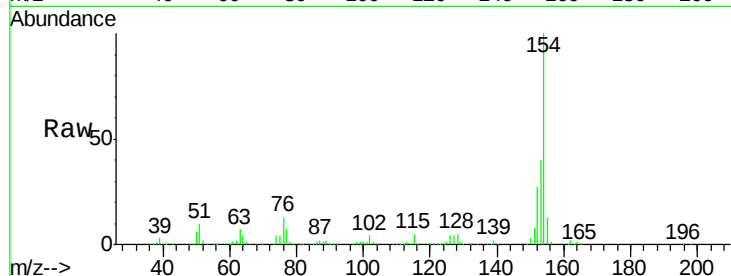
#45
 1,1'-Biphenyl
 Concen: 33.81 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Instrument :
 BNA_F
 ClientSampled :
 PB94951BS

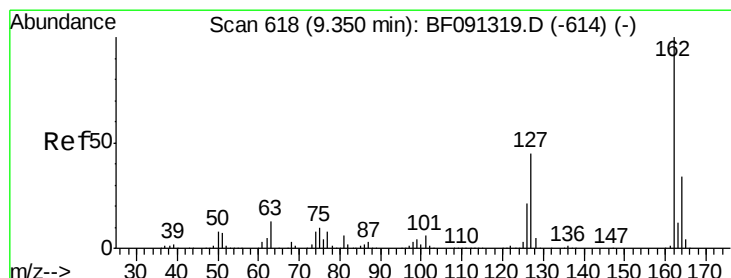
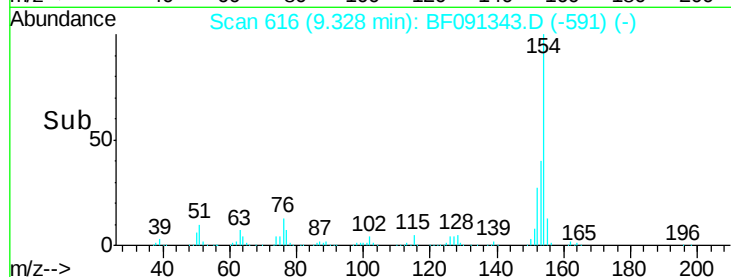
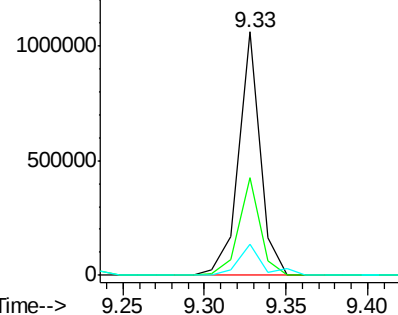
Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	40.1	20.6	60.6
76	12.8	0.0	36.6

Manual Integrations
 APPROVED

sohil
 12/1/2016 3:27:17 PM

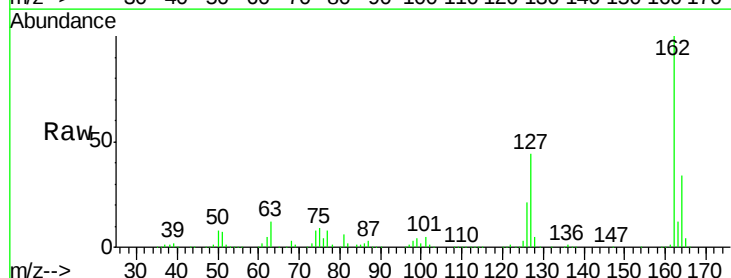


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

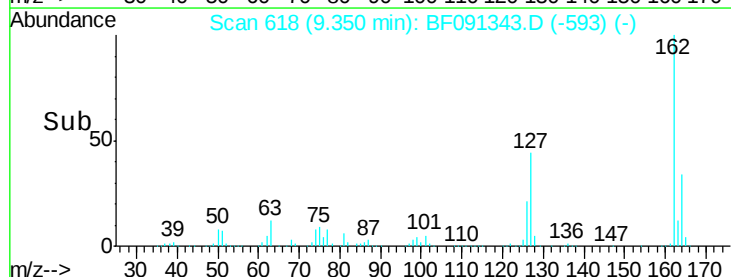
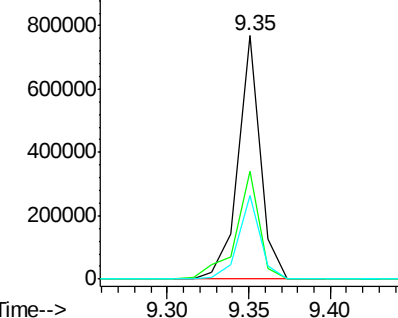


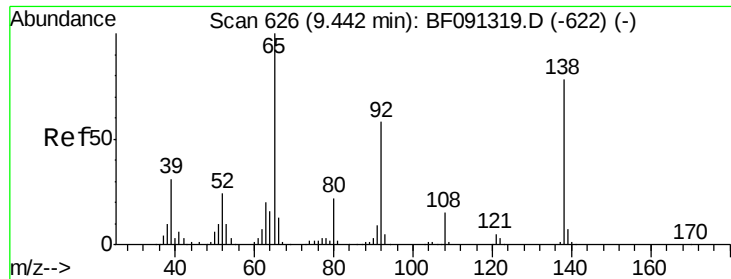
#46
 2-Chloronaphthalene
 Concen: 33.97 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	44.1	34.3	51.5
164	34.5	26.6	40.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





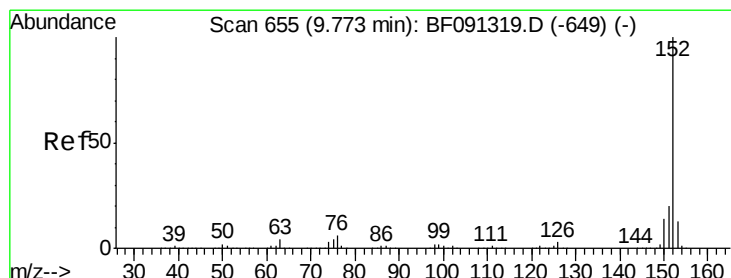
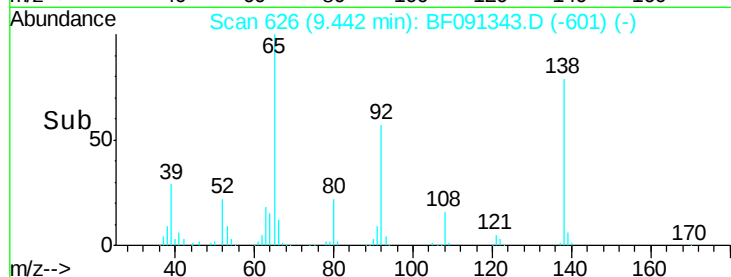
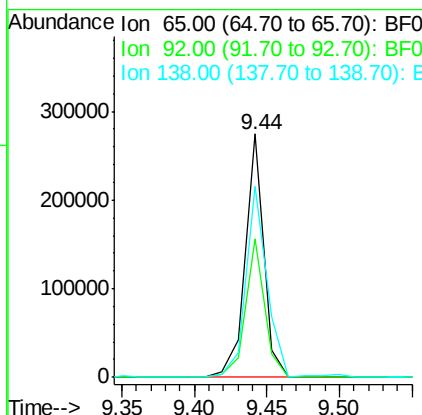
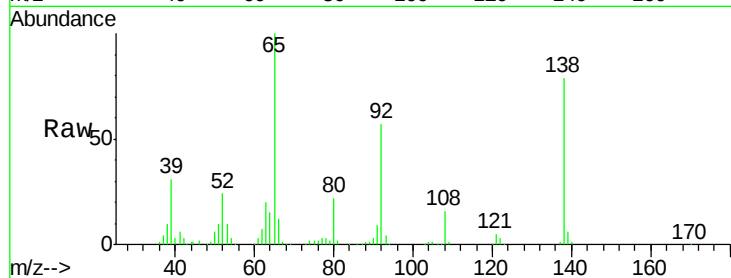
#47
 2-Nitroaniline
 Concen: 31.65 ng
 RT: 9.44 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB94951BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	56.8	53.6	80.4
138	78.7	91.0	136.6

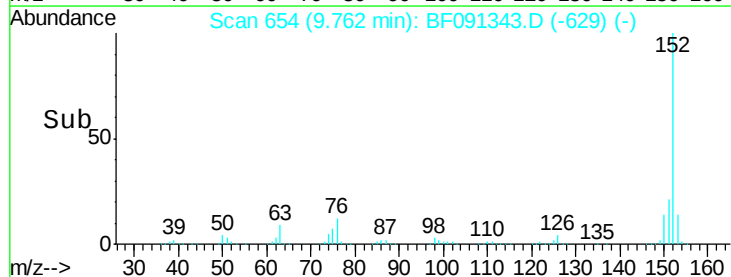
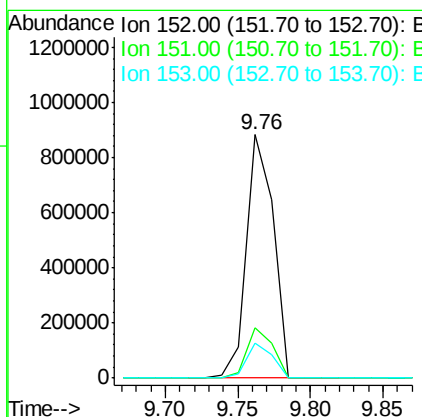
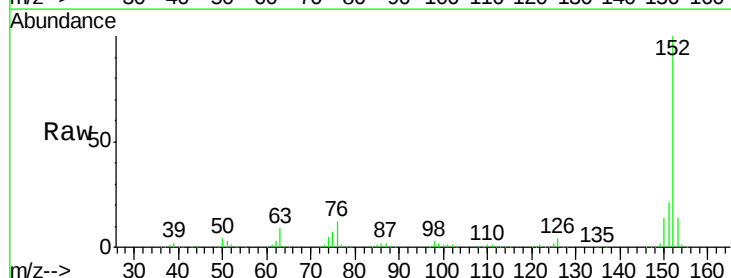
Manual Integrations
 APPROVED

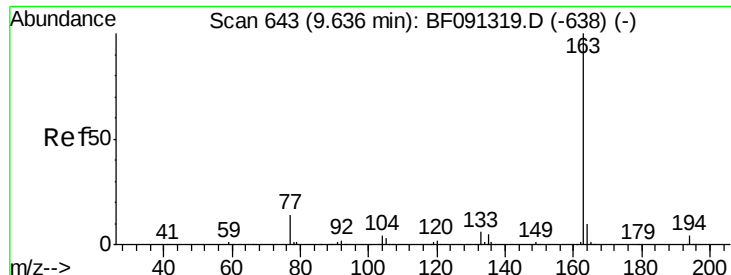
sohil
 12/1/2016 3:27:17 PM



#48
 Acenaphthylene
 Concen: 33.73 ng
 RT: 9.76 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.6	24.8
153	14.3	10.7	16.1





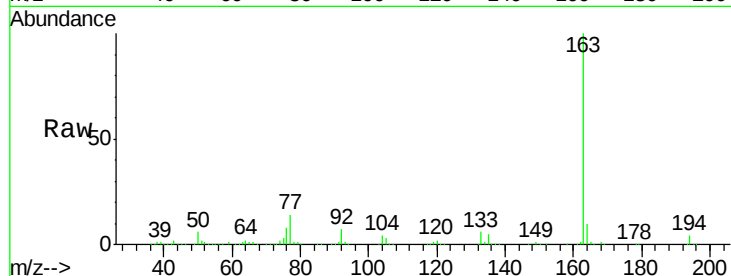
#49
Dimethylphthalate
Concen: 37.23 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Instrument :
BNA_F
ClientSampleID :
PB94951BS

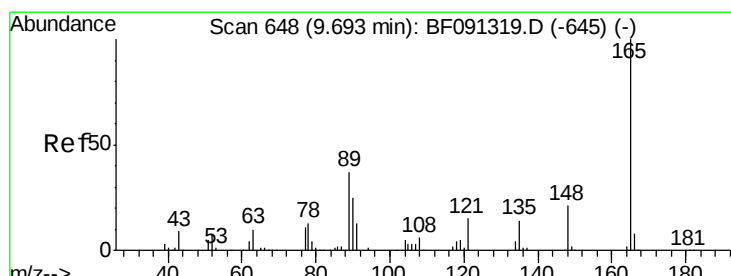
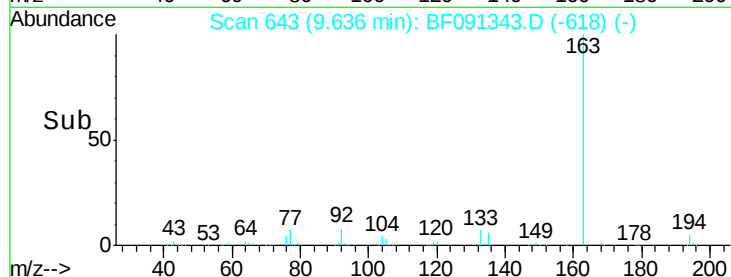
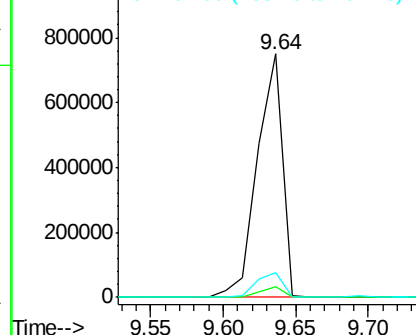
Tot Ion	Ratio	Resp	Lower	Upper
163	100	901041		
194	4.3		3.0	4.4
164	10.1		7.8	11.8

Manual Integrations
APPROVED

sohil
12/1/2016 3:27:17 PM

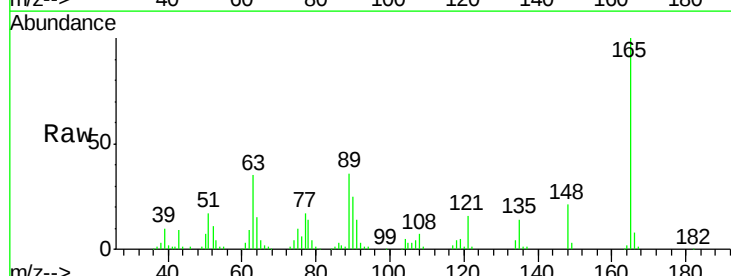


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

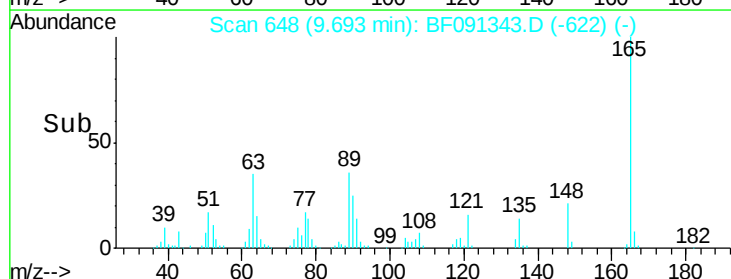
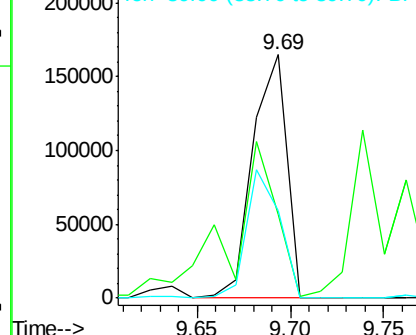


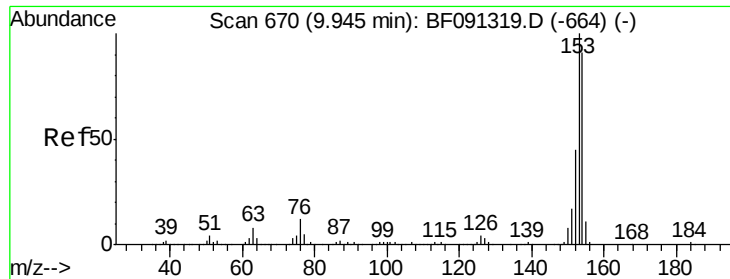
#50
2,6-Dinitrotoluene
Concen: 38.42 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	207829		
63	34.6		59.4	89.0#
89	36.1		50.8	76.2#



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: 37.10 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

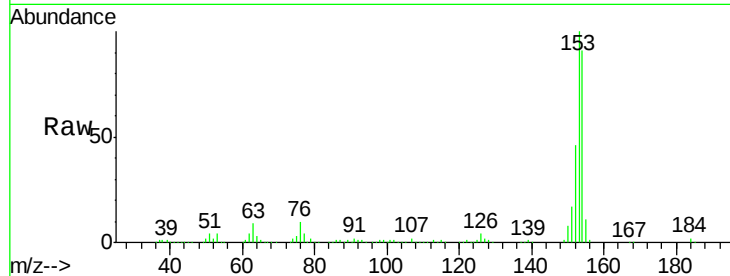
ClientSampleId :

PB94951BS

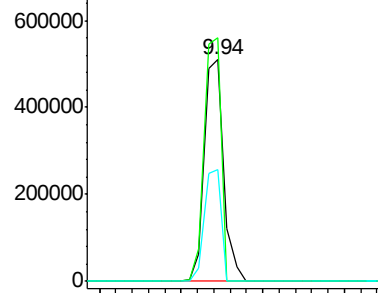
Tot Ion:	154	Resp:	843180
Ion Ratio	Lower	Upper	
154	100		
153	109.9	91.0	136.6
152	50.4	44.2	66.2

Manual Integrations
APPROVED

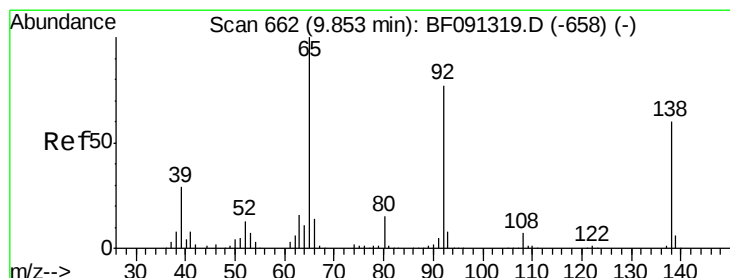
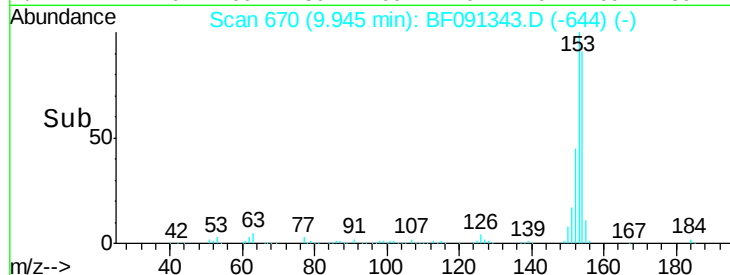
sohil
12/1/2016 3:27:17 PM



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



Time-->



#52

3-Nitroaniline

Concen: 17.95 ng

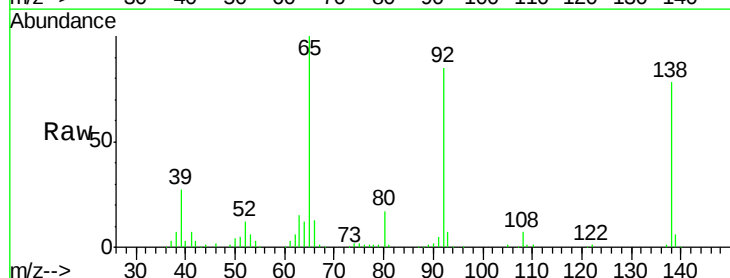
RT: 9.85 min Scan# 662

Delta R.T. -0.02 min

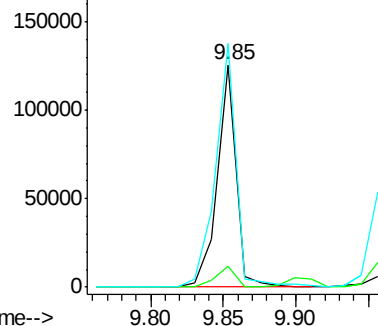
Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

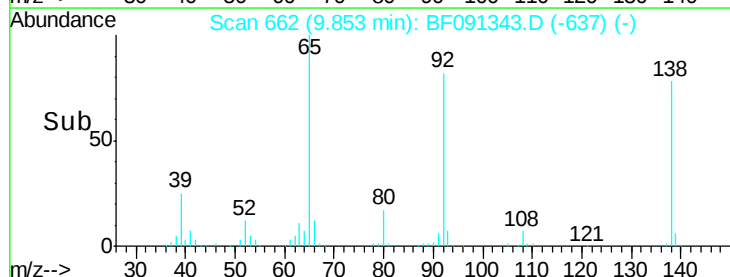
Tgt Ion:	138	Resp:	112415
Ion Ratio	Lower	Upper	
138	100		
108	9.4	8.1	12.1
92	109.8	92.5	138.7

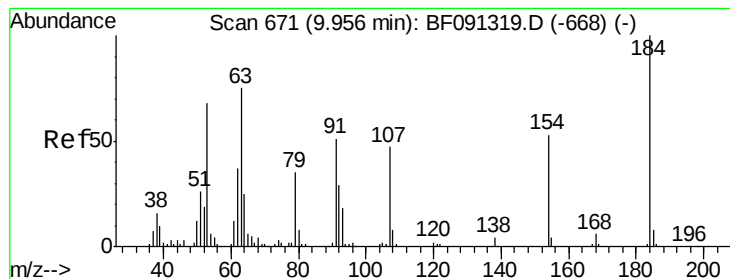


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0



Time-->





#53

2,4-Dinitrophenol

Concen: 72.62 ng

RT: 9.96 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

ClientSampleId :

PB94951BS

Tot Ion:184 Resp: 171820
Ion Ratio Lower Upper

184 100

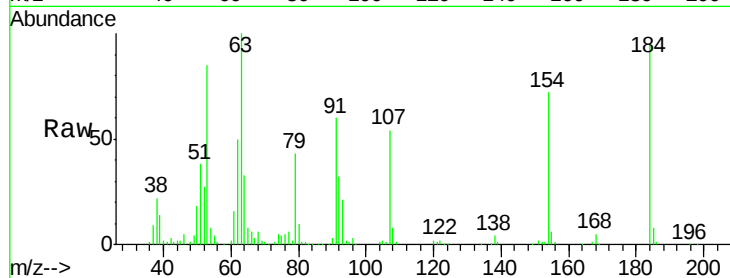
63 104.8 58.3 87.5#

154 75.5 48.6 73.0#

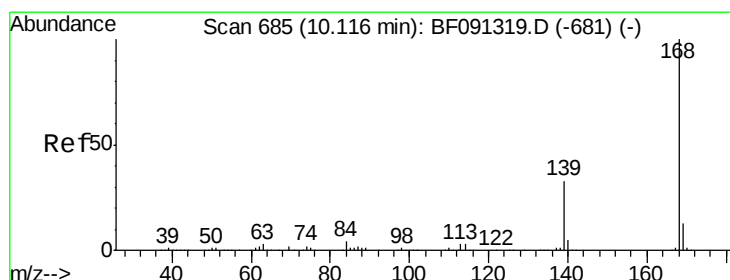
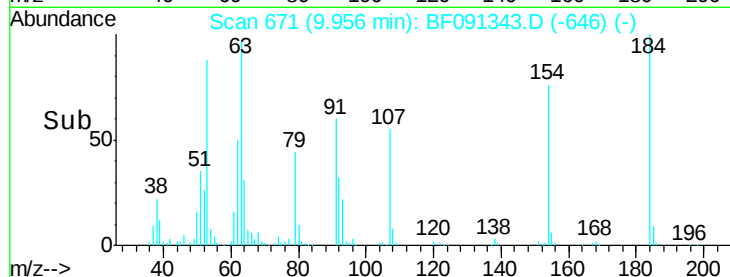
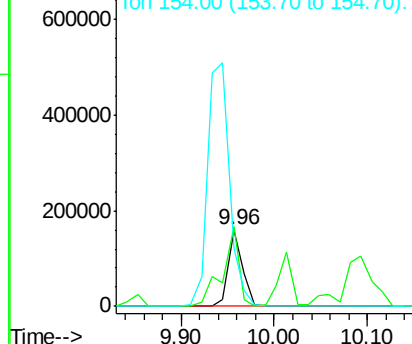
Manual Integrations
APPROVED

sohil

12/1/2016 3:27:17 PM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 37.02 ng

RT: 10.12 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF091343.D

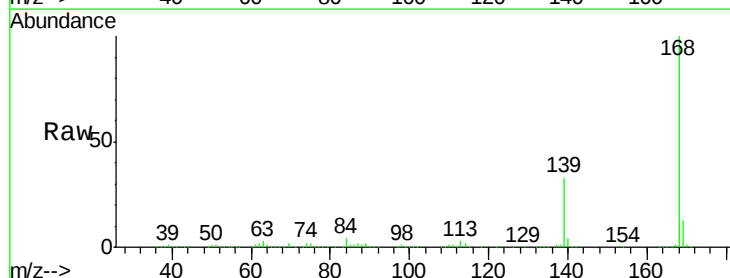
Acq: 30 Nov 2016 10:04

Tgt Ion:168 Resp: 1126632
Ion Ratio Lower Upper

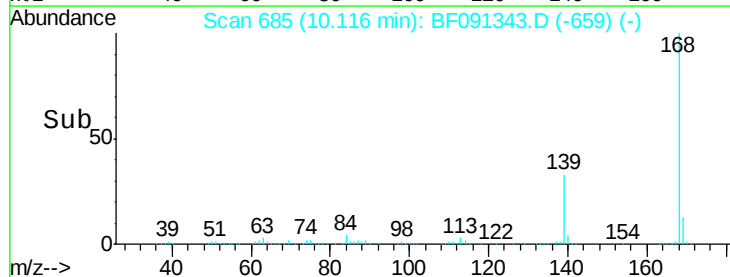
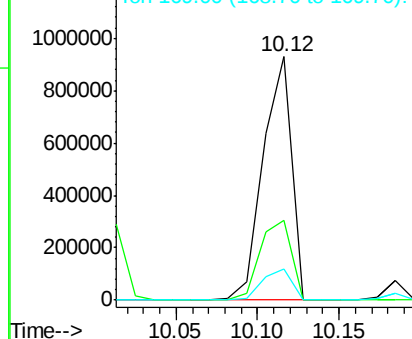
168 100

139 33.0 33.4 50.2#

169 12.8 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





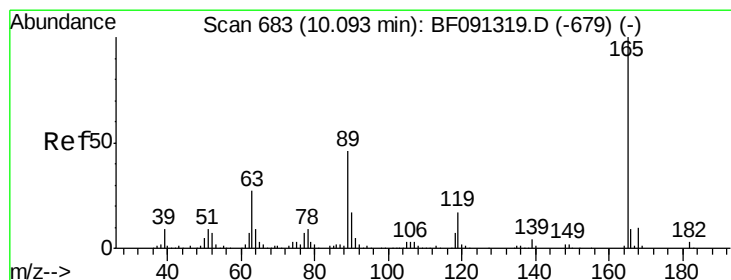
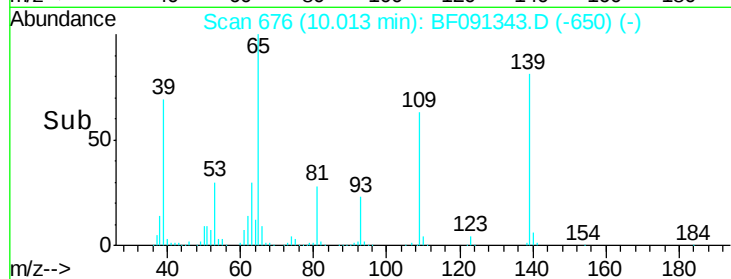
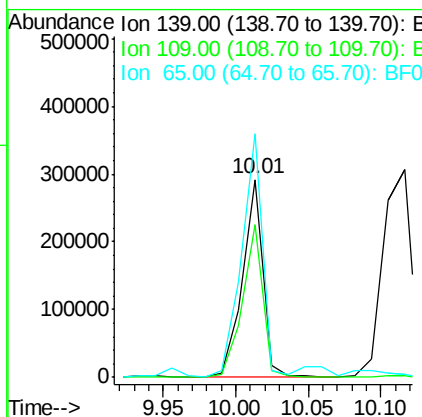
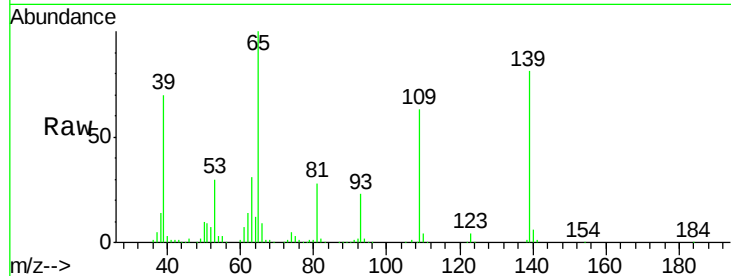
#55
4-Nitrophenol
Concen: 63.92 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Instrument :
BNA_F
ClientSampleId :
PB94951BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	289091		
109	76.8	54.9	94.9	
65	122.9	102.2	142.2	

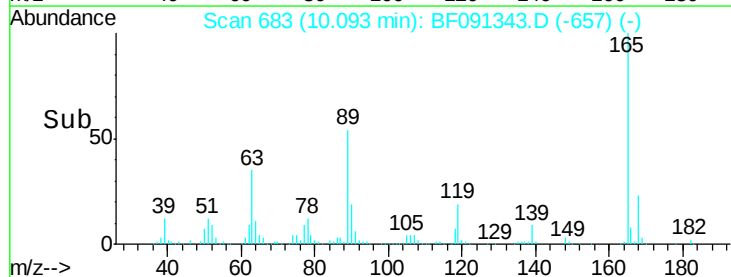
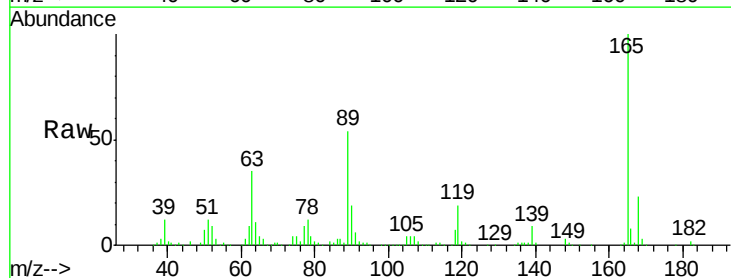
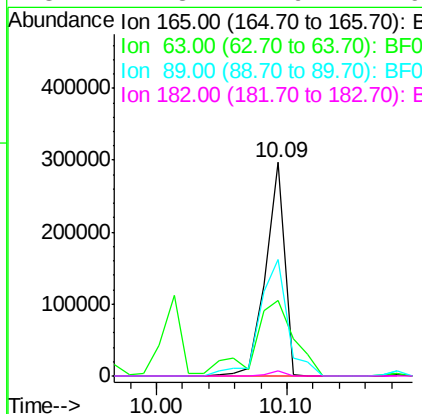
Manual Integrations
APPROVED

sohil
12/1/2016 3:27:17 PM



#56
2,4-Dinitrotoluene
Concen: 43.15 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	302848		
63	35.2	29.0	43.4	
89	54.5	43.1	64.7	
182	2.3	1.9	2.9	





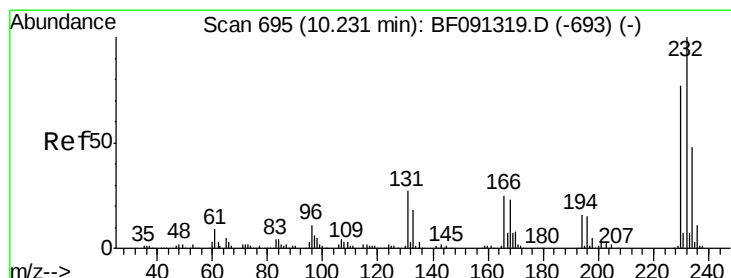
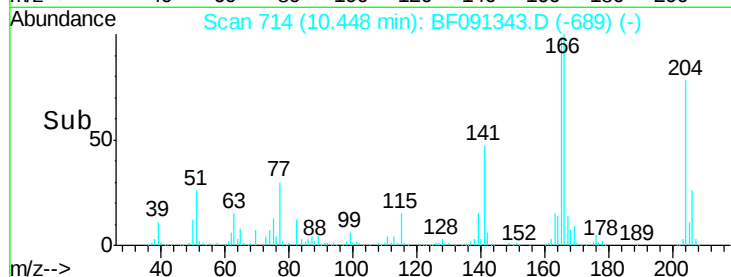
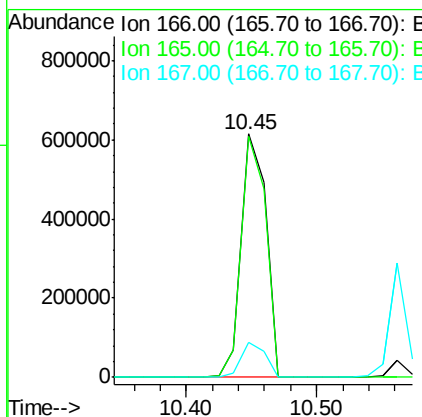
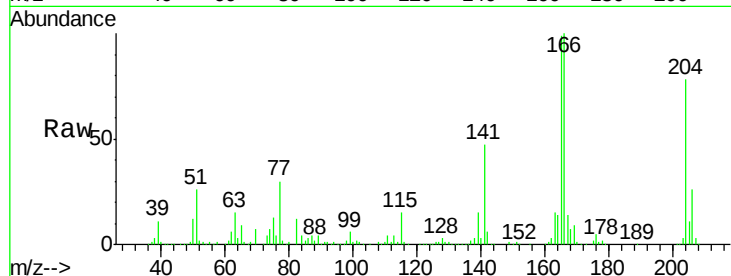
#57
Fluorene
 Concen: 34.82 ng
 RT: 10.45 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB94951BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	813682		
165	98.8		80.0	120.0
167	14.2		10.8	16.2

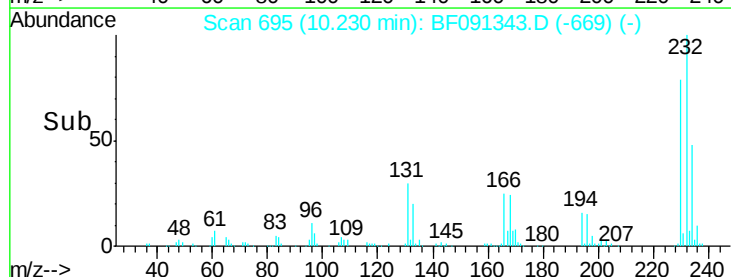
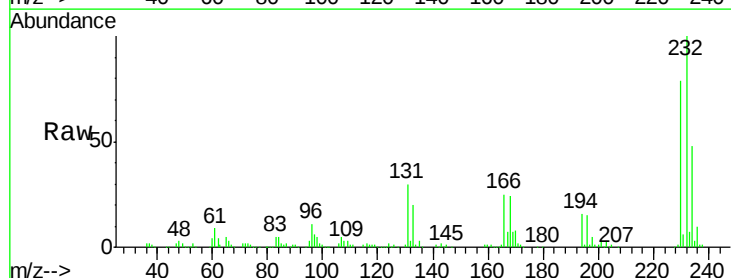
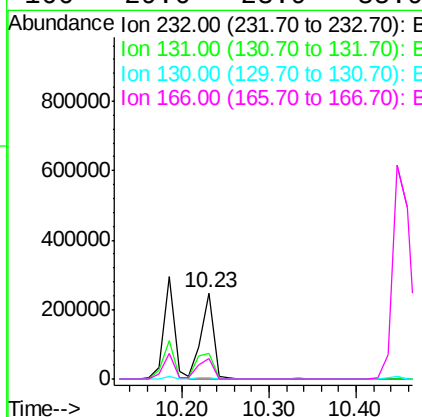
Manual Integrations
 APPROVED

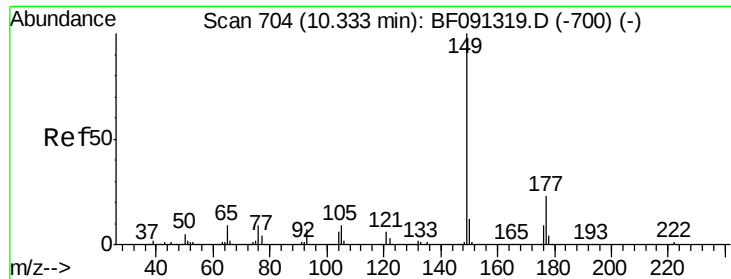
sohil
 12/1/2016 3:27:17 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.98 ng
 RT: 10.23 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	244297		
131	41.2		38.4	57.6
130	1.9		1.8	2.8
166	29.6		23.9	35.9





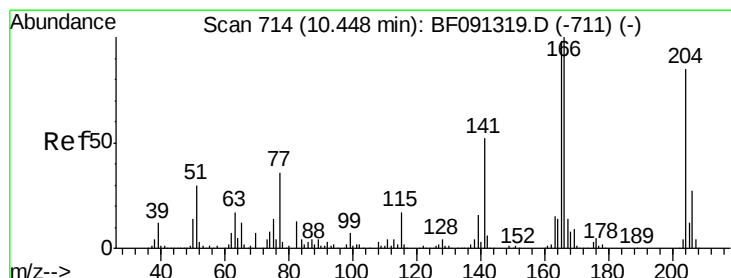
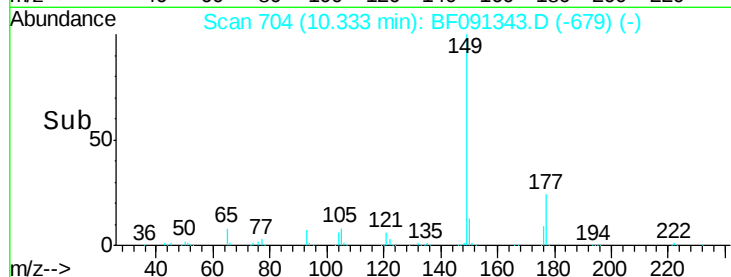
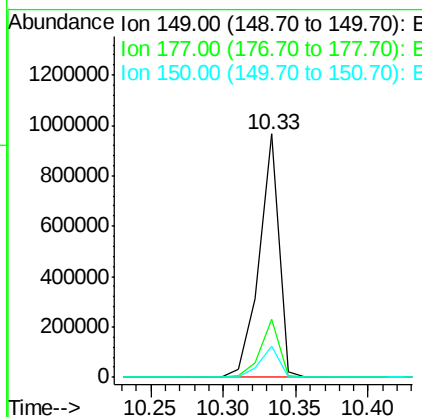
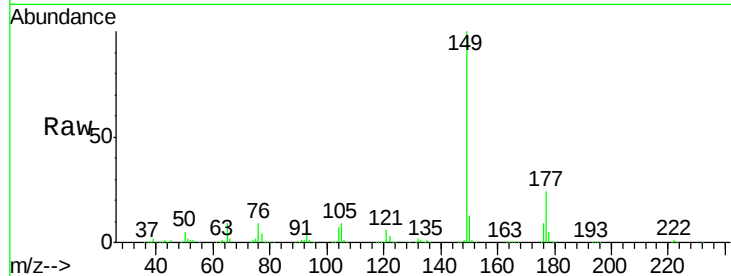
#59
Diethylphthalate
Concen: 38.26 ng
RT: 10.33 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Instrument :
BNA_F
ClientSampleId :
PB94951BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.6	15.7	23.5#
150	12.6	10.2	15.2

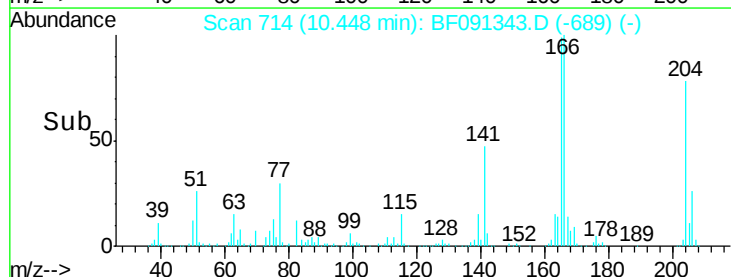
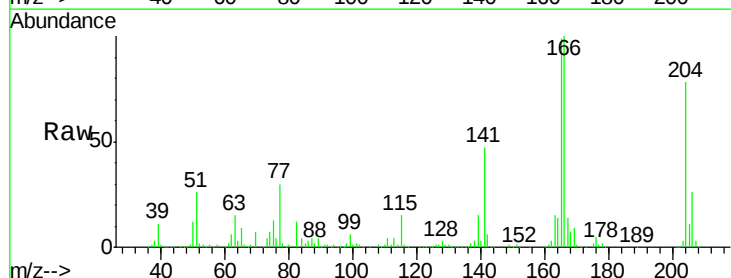
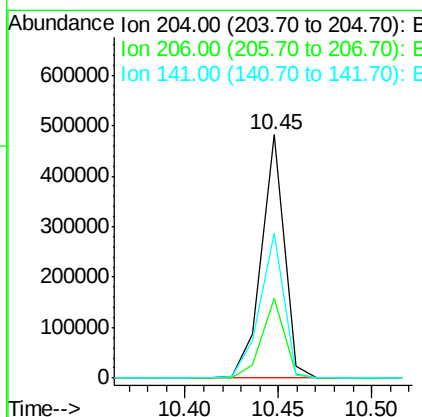
Manual Integrations
APPROVED

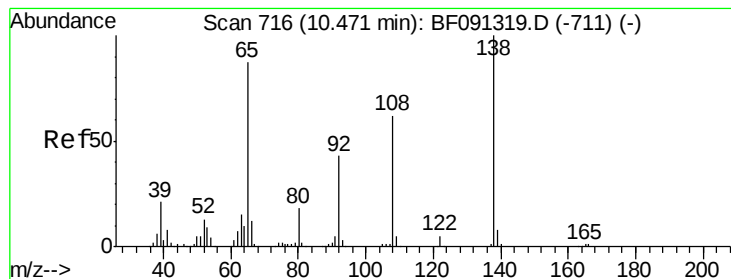
sohil
12/1/2016 3:27:17 PM



#60
4-Chlorophenyl-phenylether
Concen: 34.83 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.1	39.1
141	59.8	40.6	61.0





#61

4-Nitroaniline

Concen: 34.15 ng

RT: 10.47 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

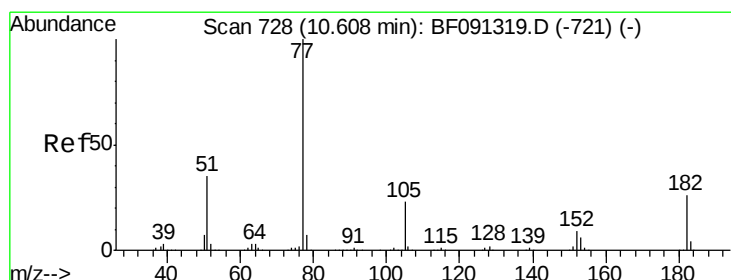
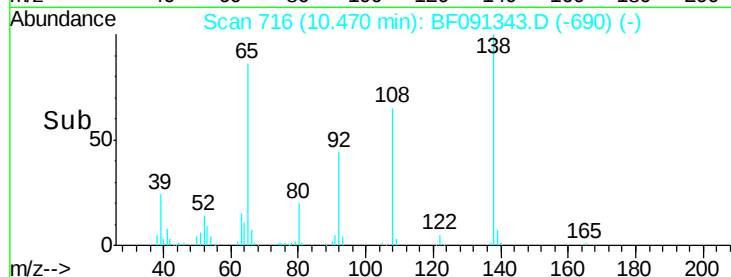
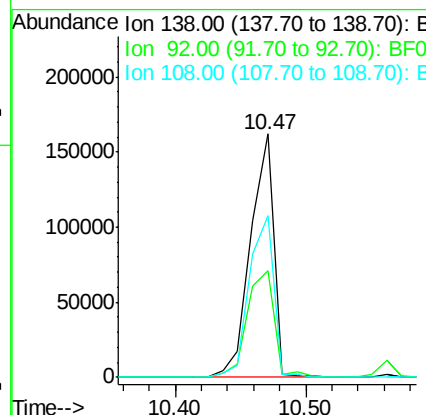
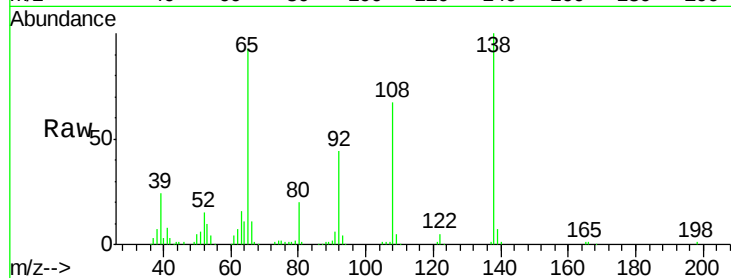
ClientSampleId :

PB94951BS

Tot Ion:	138	Resp:	200802
Ion Ratio	Lower	Upper	
138	100		
92	43.9	26.9	66.9
108	66.5	49.1	89.1

Manual Integrations
APPROVED

sohil
12/1/2016 3:27:17 PM



#62

Azobenzene

Concen: 41.48 ng

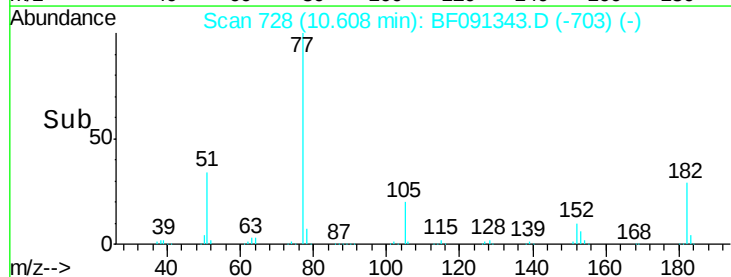
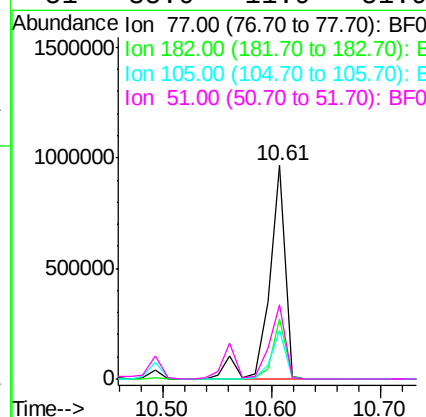
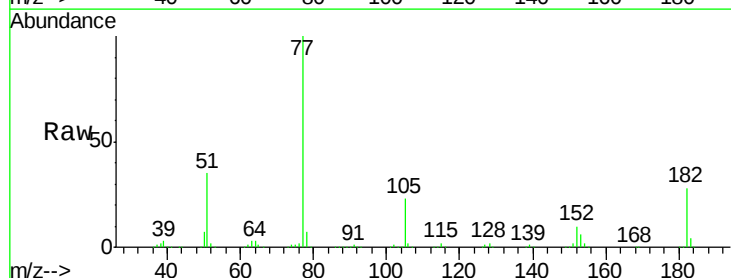
RT: 10.61 min Scan# 728

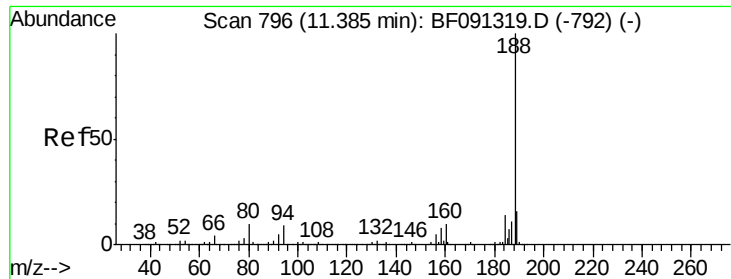
Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Tgt Ion:	77	Resp:	1011197
Ion Ratio	Lower	Upper	
77	100		
182	28.2	12.5	52.5
105	22.9	3.7	43.7
51	35.0	11.9	51.9





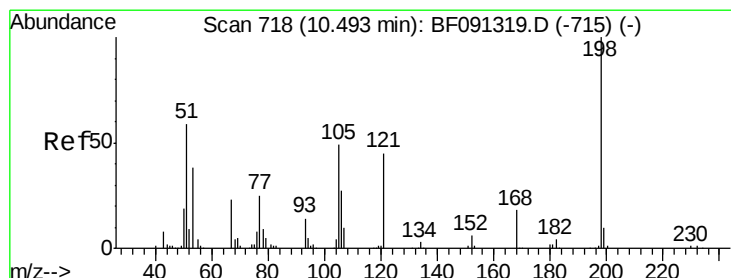
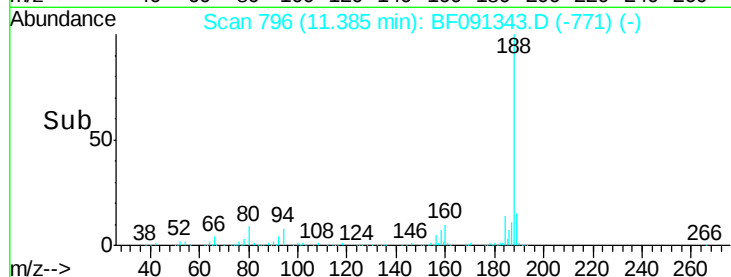
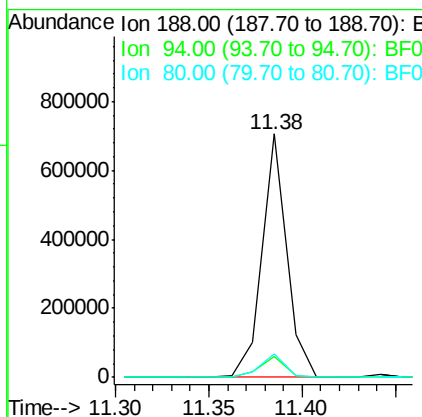
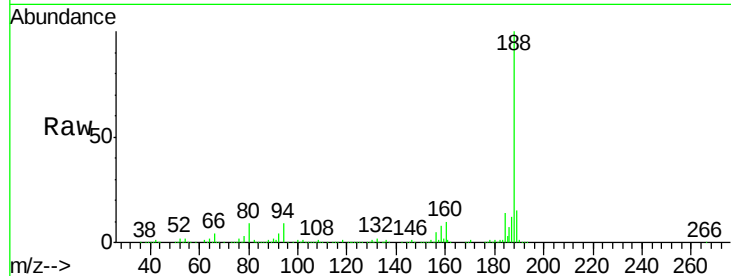
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Instrument :
BNA_F
ClientSampleId :
PB94951BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.6	9.2	13.8#
80	9.4	10.5	15.7#

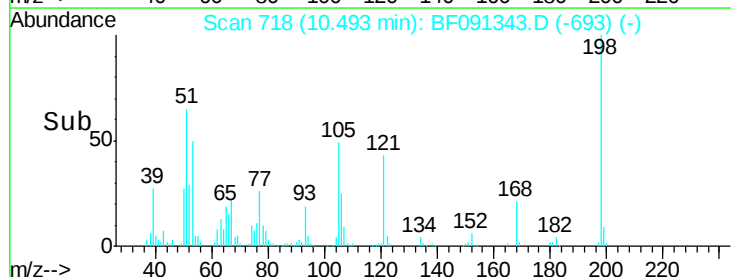
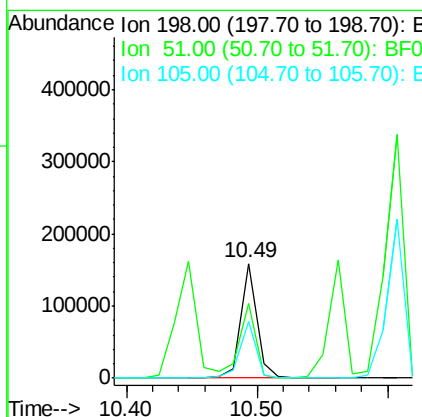
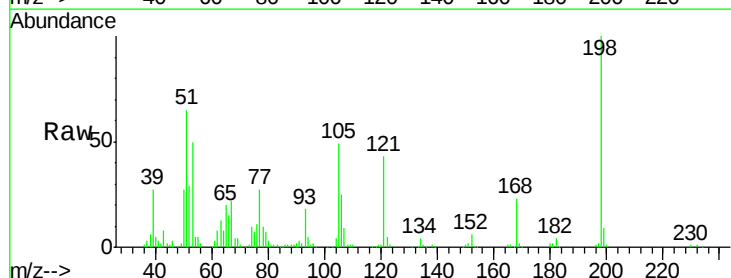
Manual Integrations
APPROVED

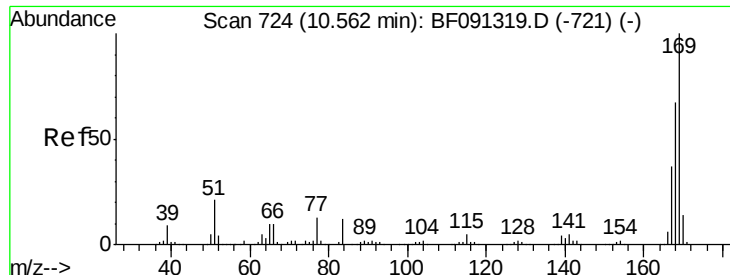
sohil
12/1/2016 3:27:17 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 38.20 ng
RT: 10.49 min Scan# 718
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	65.0	77.1	117.1#
105	48.8	44.8	84.8





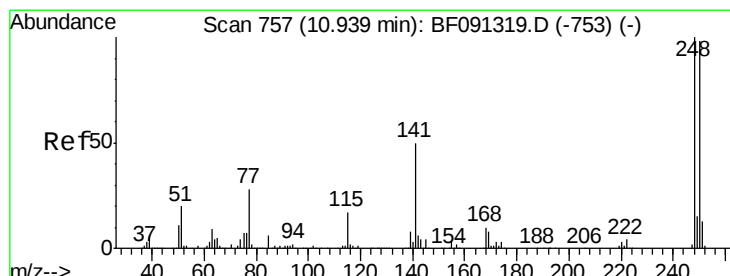
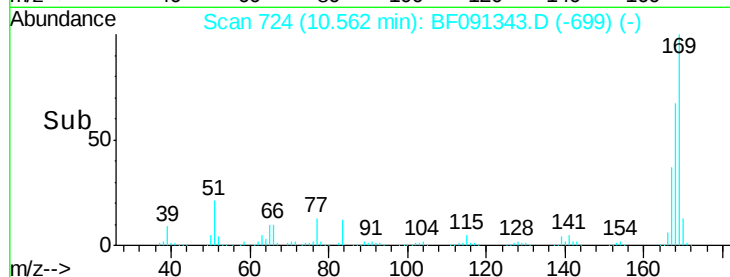
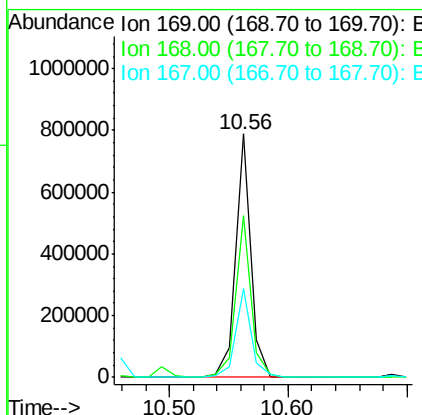
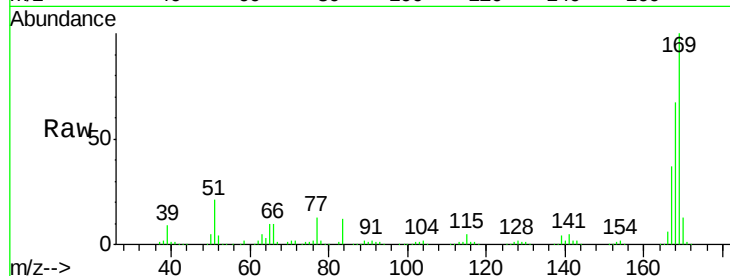
#65
n-Nitrosodiphenylamine
Concen: 35.91 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Instrument :
BNA_F
ClientSampled :
PB94951BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		701188		
168	66.7	53.8		80.8	
167	36.5	29.8		44.8	

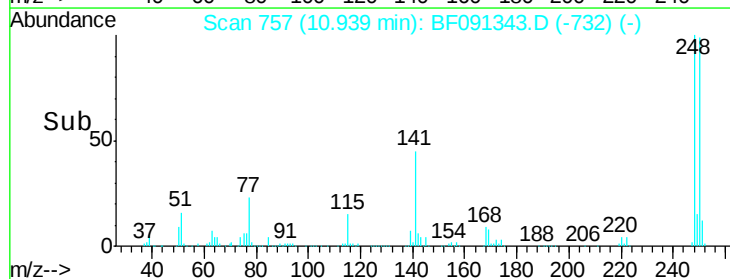
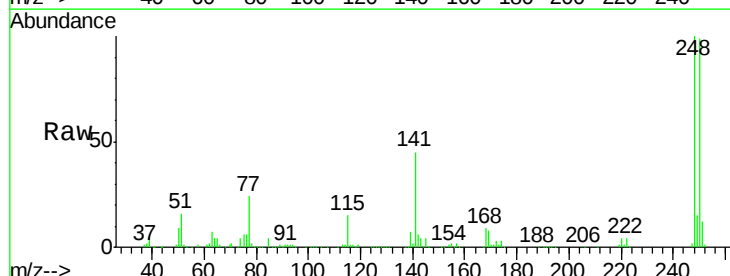
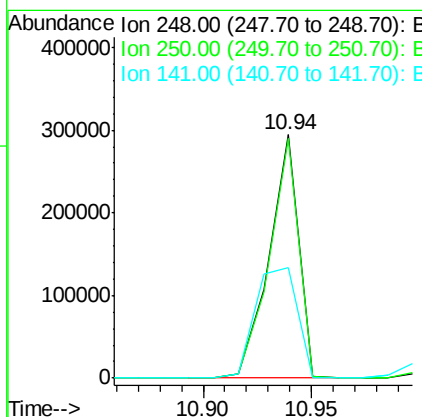
Manual Integrations
APPROVED

sohil
12/1/2016 3:27:17 PM



#66
4-Bromophenyl-phenylether
Concen: 40.66 ng
RT: 10.94 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		281480		
250	98.5	78.2		117.4	
141	45.4	71.9		107.9#	





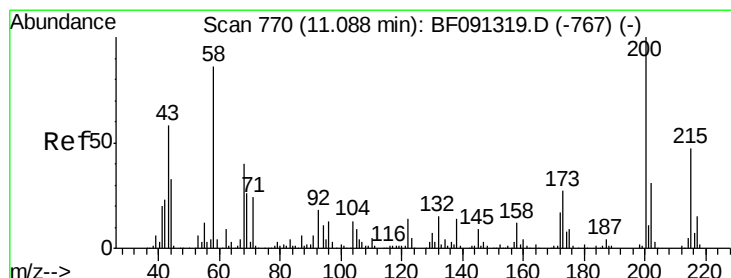
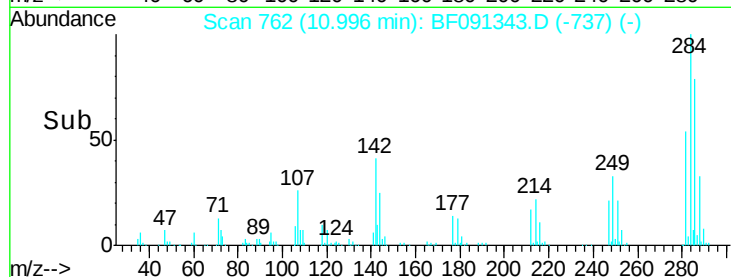
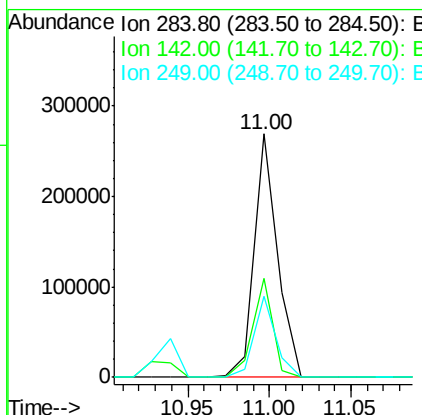
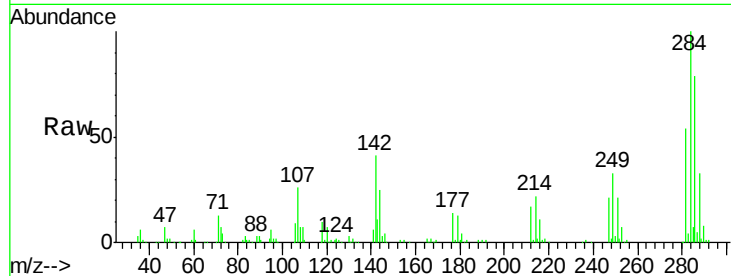
#67
Hexachlorobenzene
Concen: 35.55 ng
RT: 11.00 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Instrument :
BNA_F
ClientSampleId :
PB94951BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	265886		
142	40.7	17.9	26.9	
249	33.4	23.6	35.4	

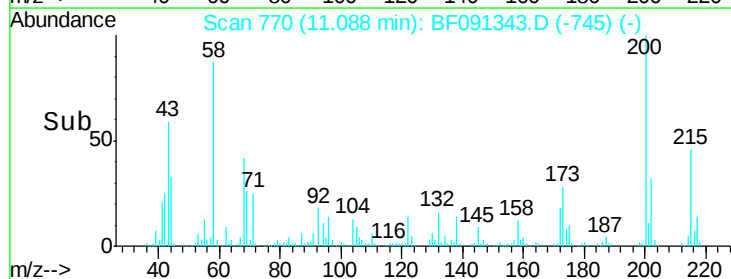
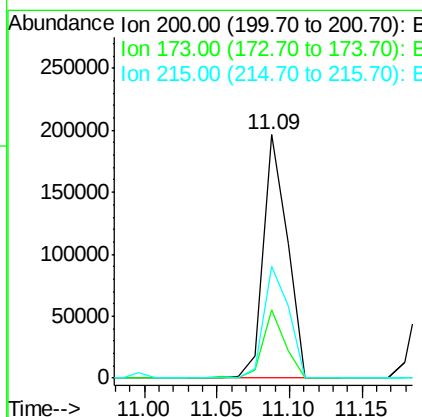
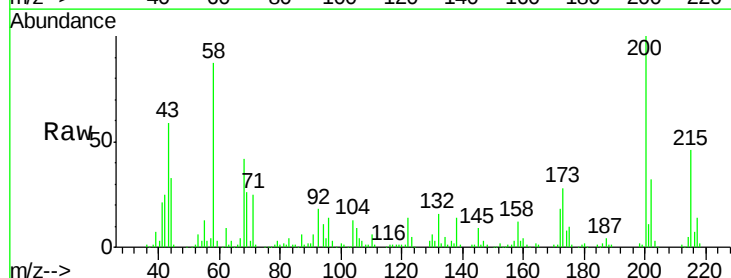
Manual Integrations
APPROVED

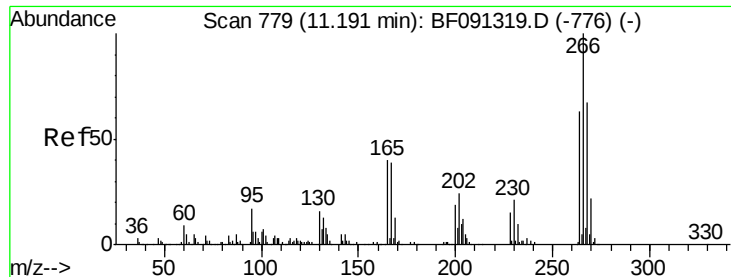
sohil
12/1/2016 3:27:17 PM



#68
Atrazine
Concen: 35.30 ng
RT: 11.09 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	223252		
173	27.8	7.8	47.8	
215	45.7	24.3	64.3	





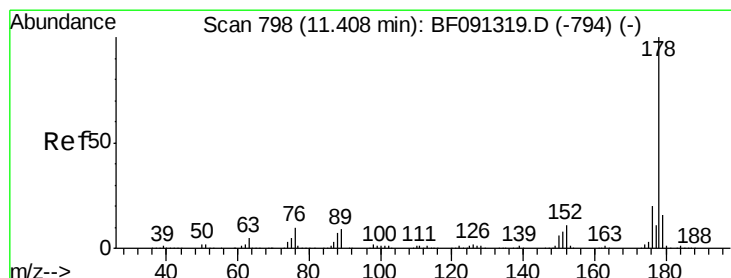
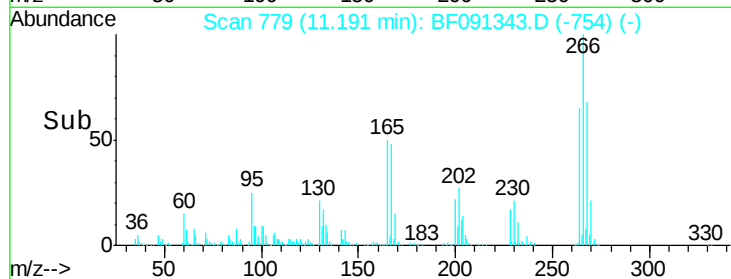
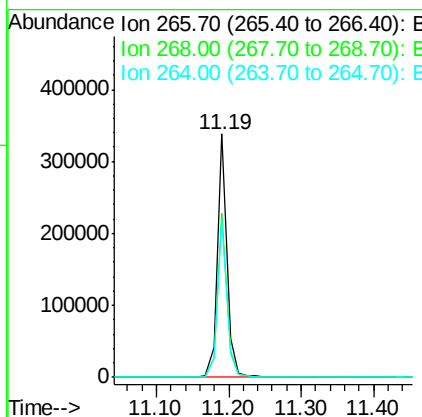
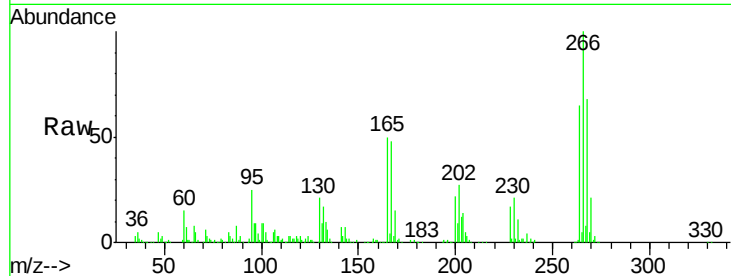
#69
 Pentachlorophenol
 Concen: 70.62 ng
 RT: 11.19 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB94951BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	310955		
268	67.6	50.3	75.5	
264	65.1	48.2	72.2	

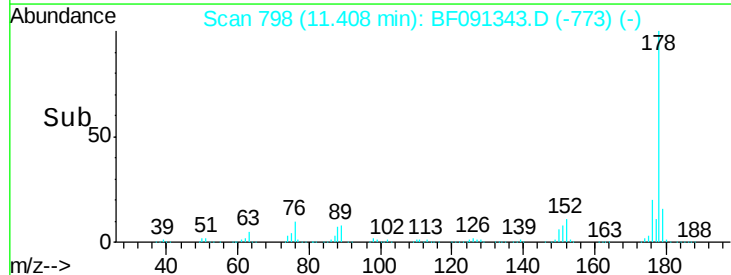
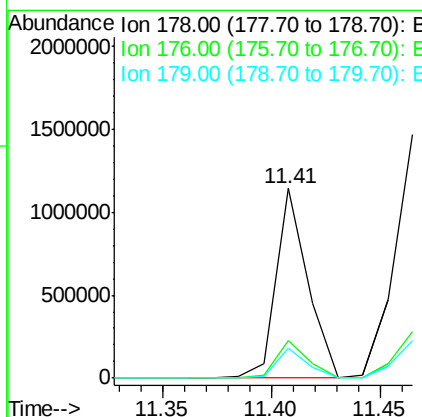
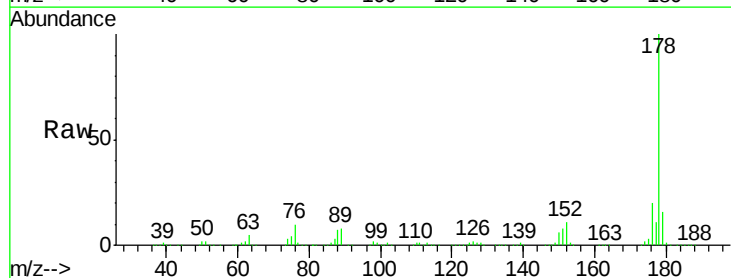
Manual Integrations
 APPROVED

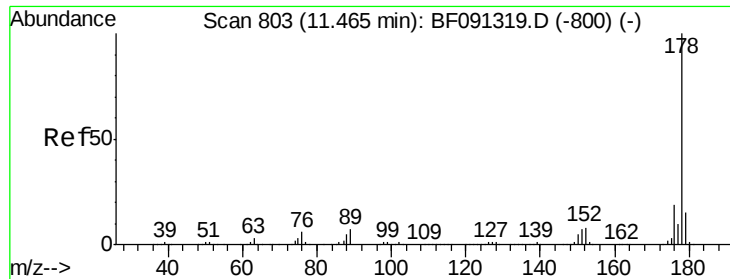
sohil
 12/1/2016 3:27:17 PM



#70
 Phenanthrene
 Concen: 34.56 ng
 RT: 11.41 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1156375		
176	19.8	15.9	23.9	
179	16.0	12.6	18.8	





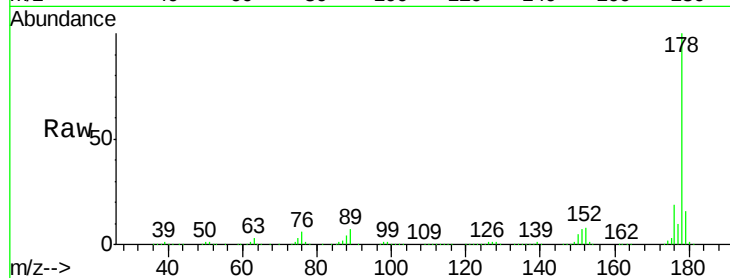
#71
 Anthracene
 Concen: 41.13 ng
 RT: 11.46 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB94951BS

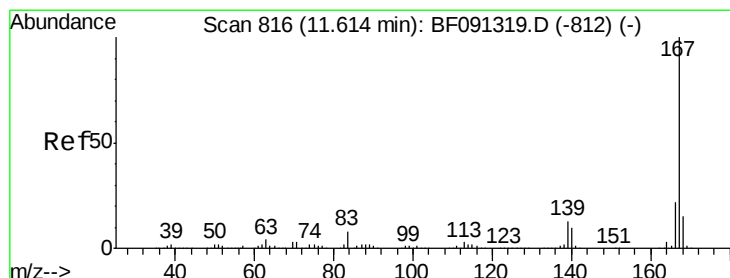
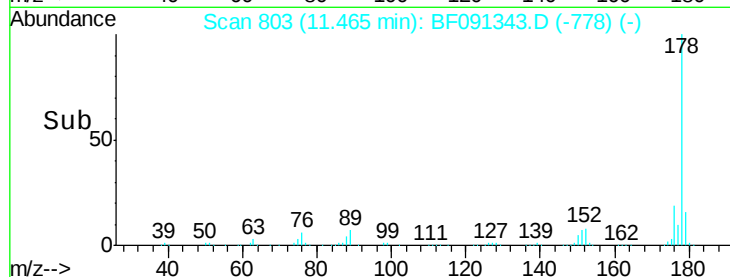
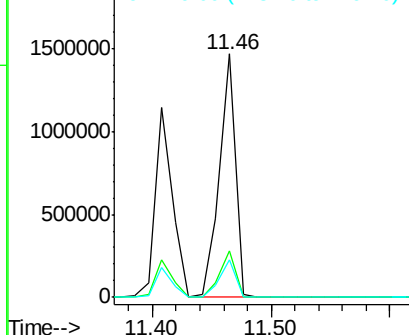
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.6
179	15.6	12.7	19.1

Manual Integrations
 APPROVED

sohil
 12/1/2016 3:27:17 PM



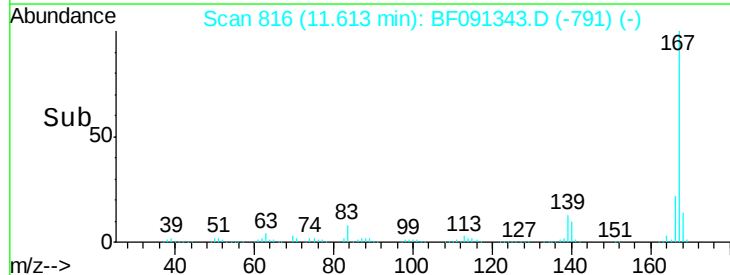
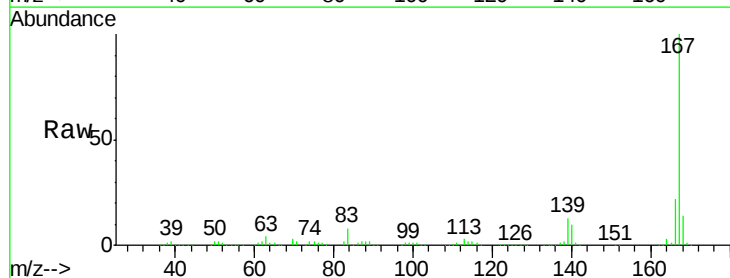
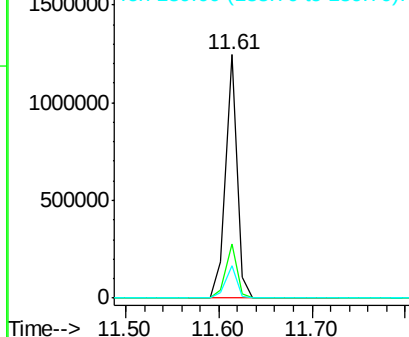
Abundance Ion 178.00 (177.70 to 178.70): E
 2000000
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

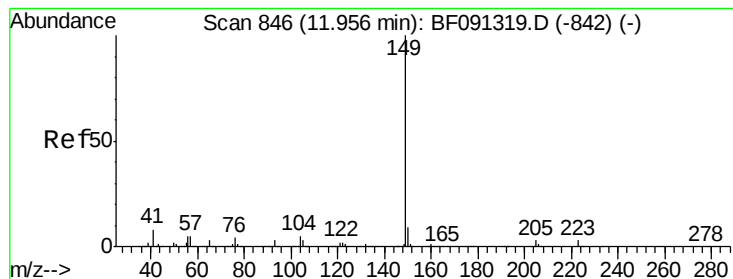


#72
 Carbazole
 Concen: 35.44 ng
 RT: 11.61 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	13.4	11.5	17.3

Abundance Ion 167.00 (166.70 to 167.70): E
 1500000
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.14 ng

RT: 11.96 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

ClientSampleId :

PB94951BS

Tot Ion:149 Resp: 1405232

Ion Ratio Lower Upper

149 100

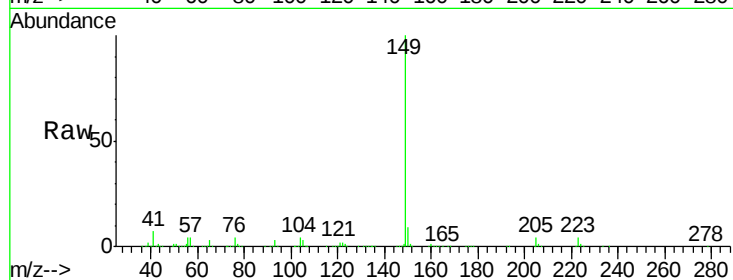
150 9.4 7.5 11.3

104 4.4 4.0 6.0

Manual Integrations
APPROVED

sohil

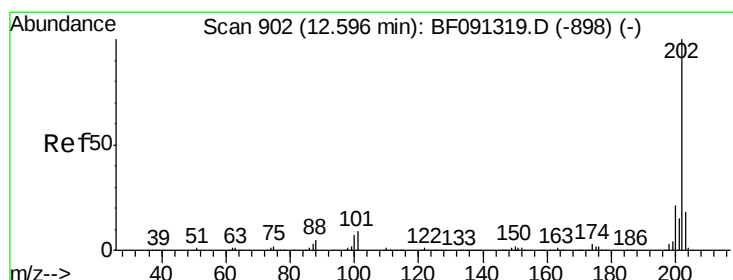
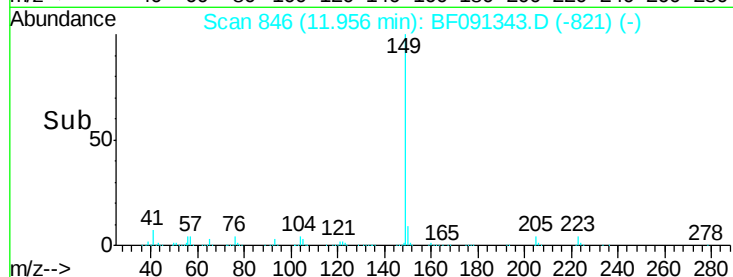
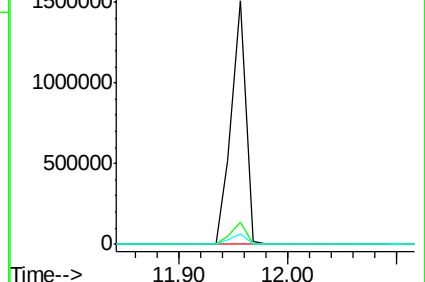
12/1/2016 3:27:17 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.19 ng

RT: 12.60 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

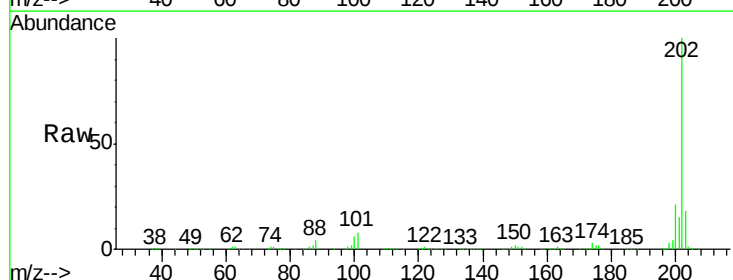
Tgt Ion:202 Resp: 1337279

Ion Ratio Lower Upper

202 100

101 8.0 0.0 29.5

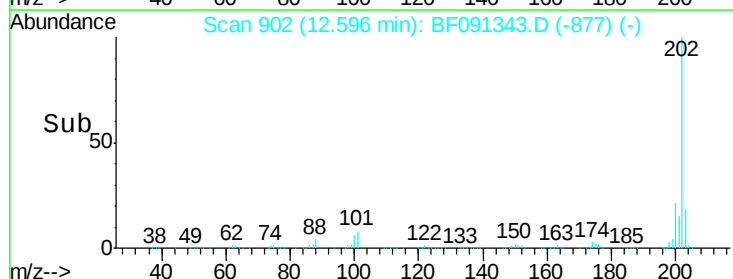
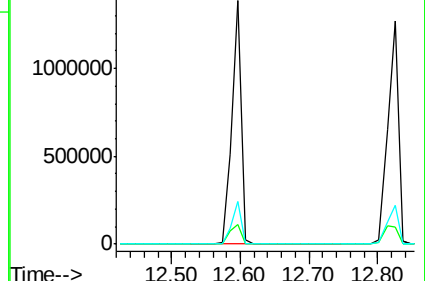
203 17.8 0.0 37.8

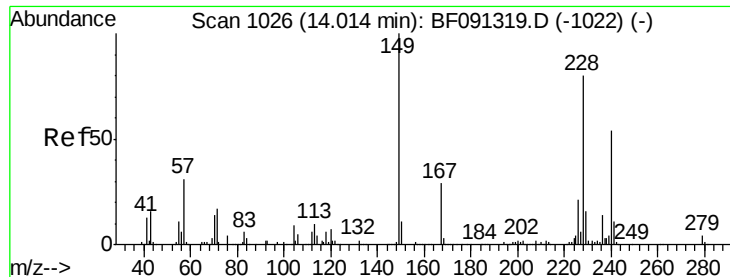


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





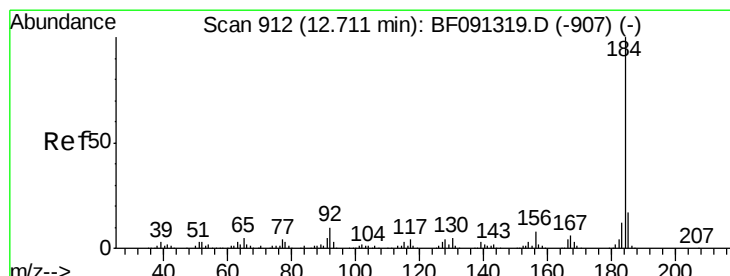
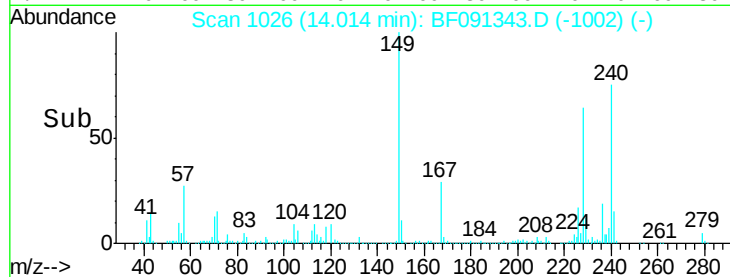
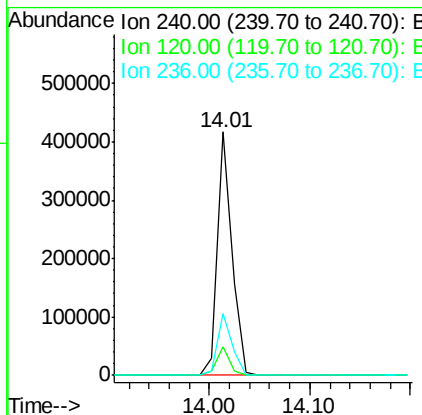
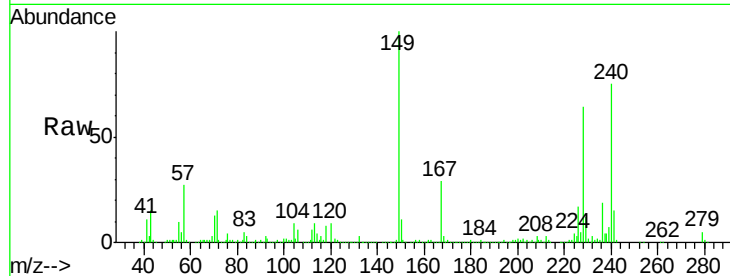
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Instrument :
 BNA_F
 ClientSampled :
 PB94951BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	12.1	18.1#
236	25.4	21.0	31.6

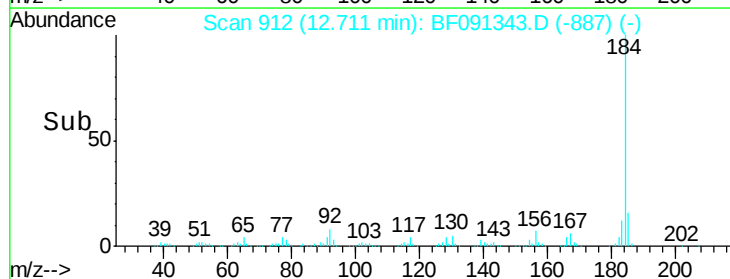
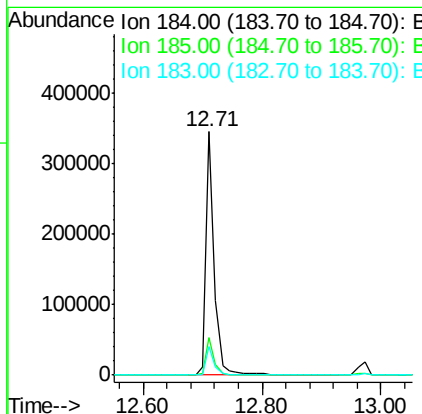
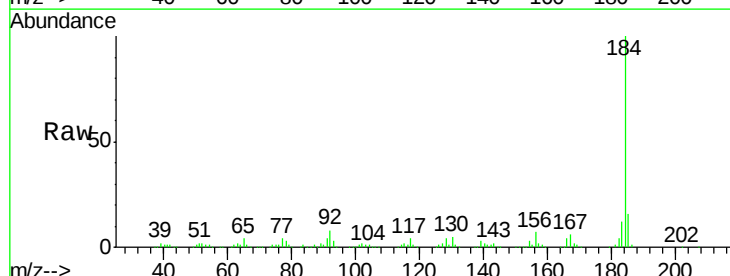
Manual Integrations
 APPROVED

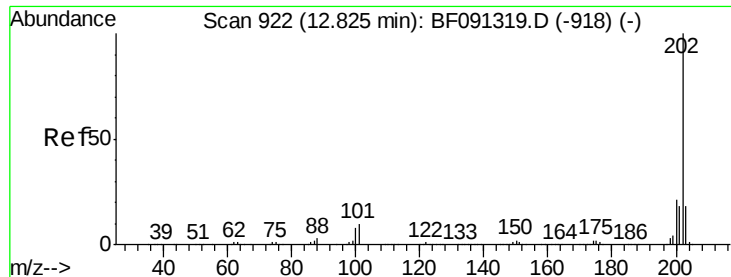
sohil
 12/1/2016 3:27:17 PM



#76
 Benzidine
 Concen: 27.87 ng
 RT: 12.71 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.5	13.1	19.7
183	11.5	8.9	13.3





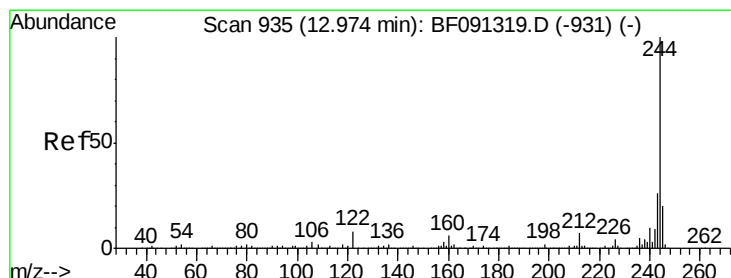
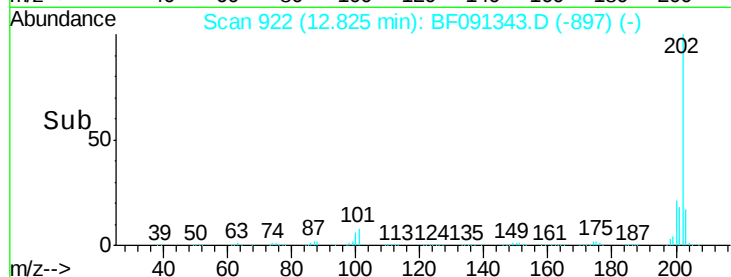
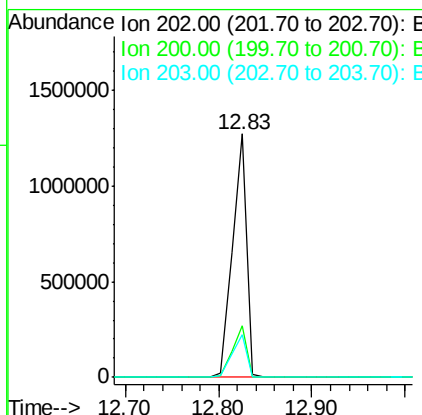
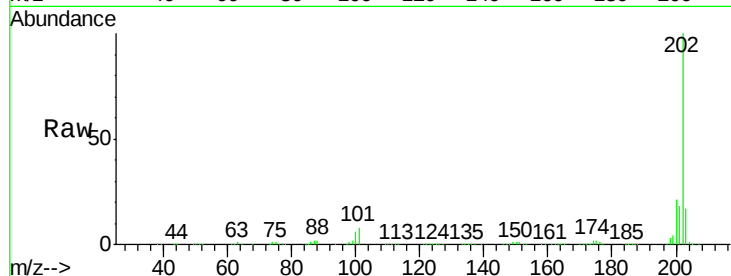
#77
Pvrene
Concen: 42.42 ng
RT: 12.83 min Scan# 922
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Instrument :
BNA_F
ClientSampleId :
PB94951BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	17.3	14.0	21.0

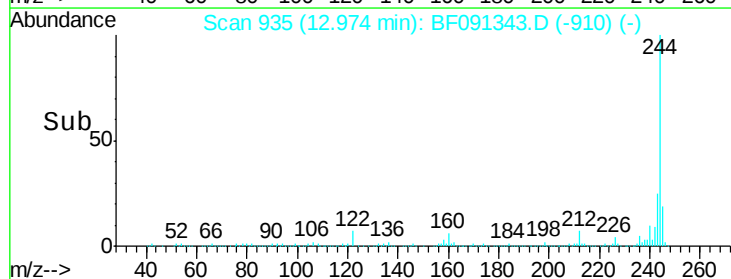
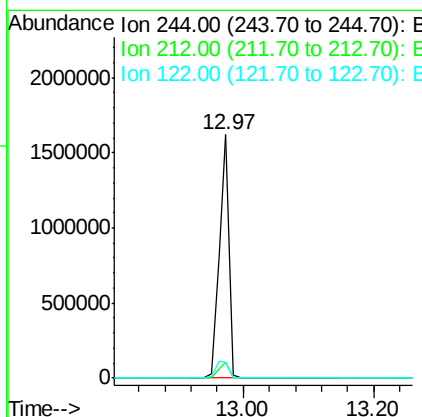
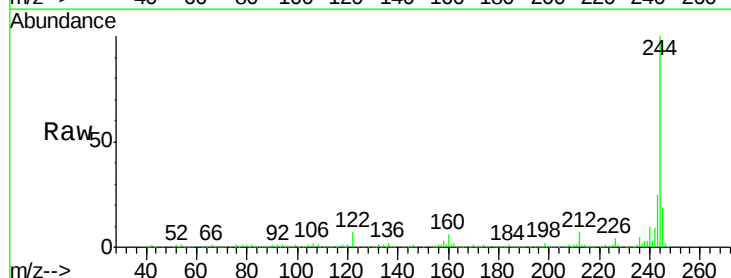
Manual Integrations
APPROVED

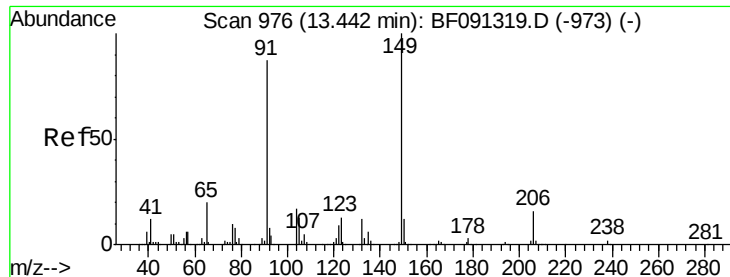
sohil
12/1/2016 3:27:17 PM



#78
Terphenyl-d14
Concen: 88.54 ng
RT: 12.97 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.5	9.7
122	6.6	9.5	14.3#





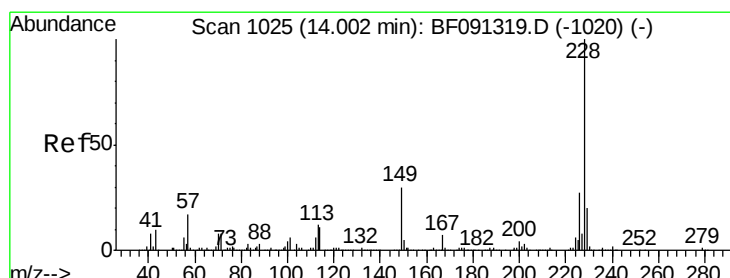
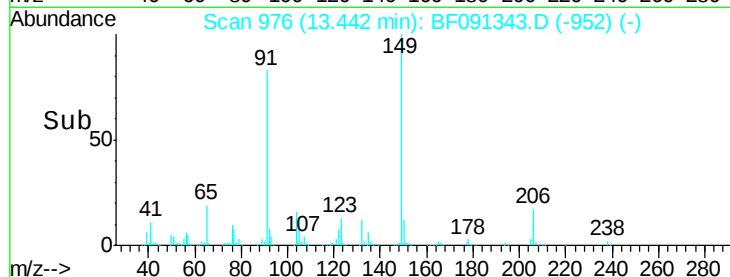
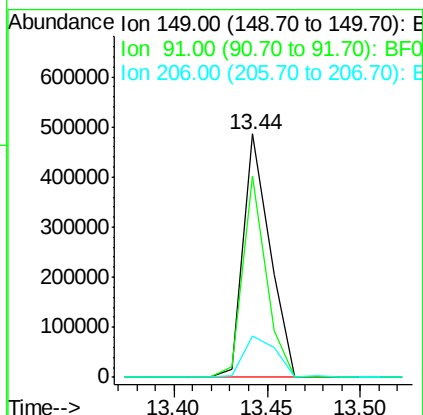
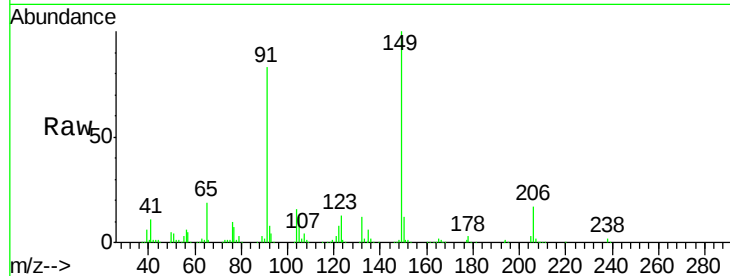
#79
Butylbenzylphthalate
Concen: 40.68 ng
RT: 13.44 min Scan# 976
Delta R.T. -0.03 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Instrument :
BNA_F
ClientSampleId :
PB94951BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	82.8	57.4	86.2
206	17.3	15.4	23.2

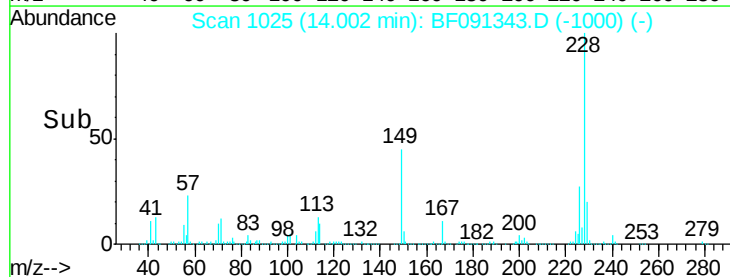
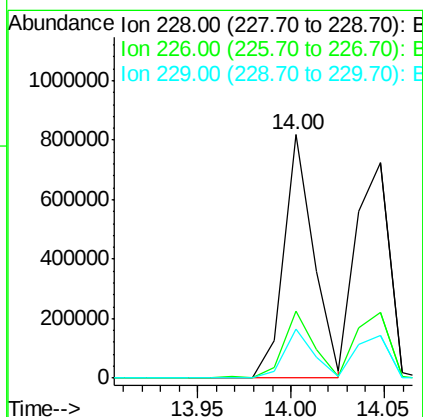
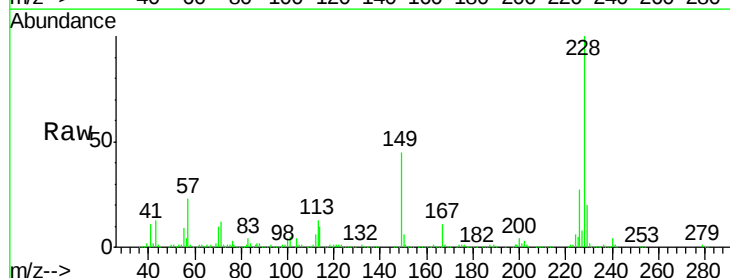
Manual Integrations
APPROVED

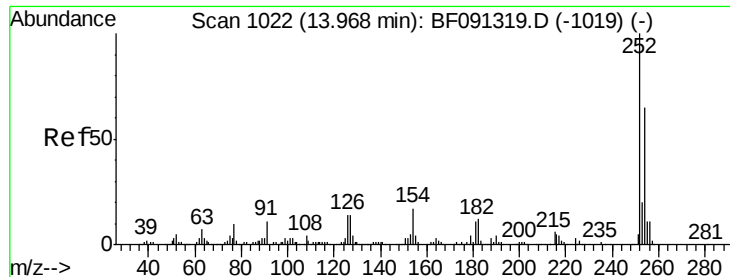
sohil
12/1/2016 3:27:17 PM



#80
Benzo(a)anthracene
Concen: 37.04 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.5	33.7
229	20.1	16.4	24.6





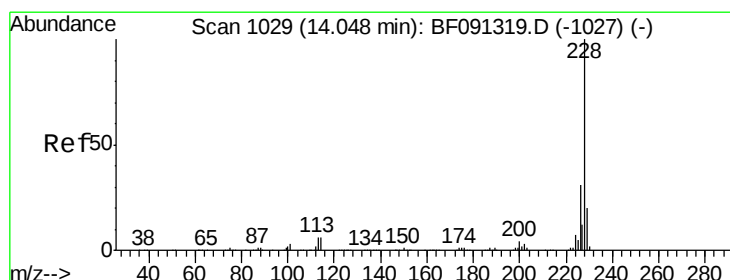
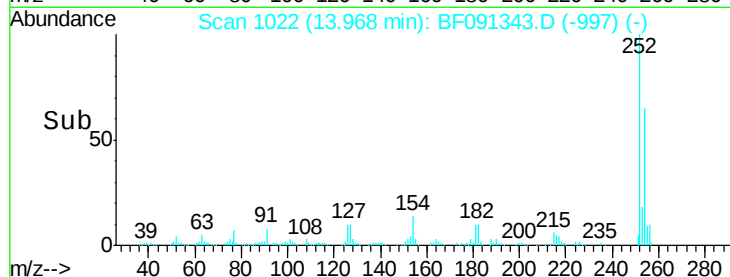
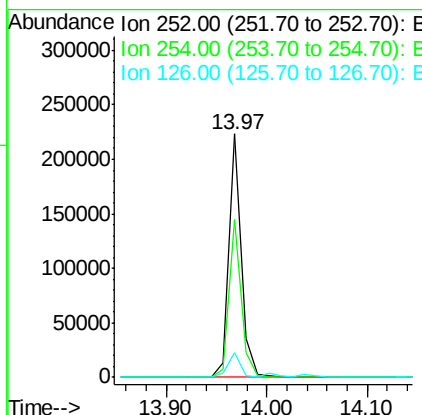
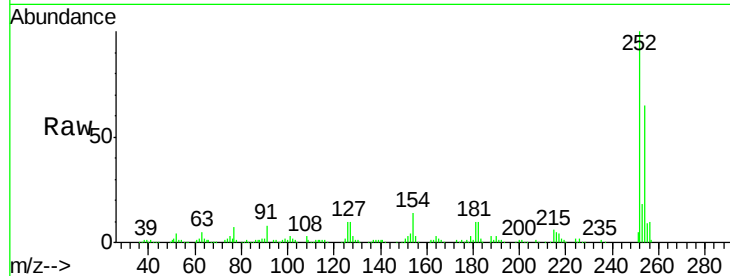
#81
 3,3'-Dichlorobenzidine
 Concen: 22.05 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB94951BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.8	52.1	78.1
126	10.3	7.5	11.3

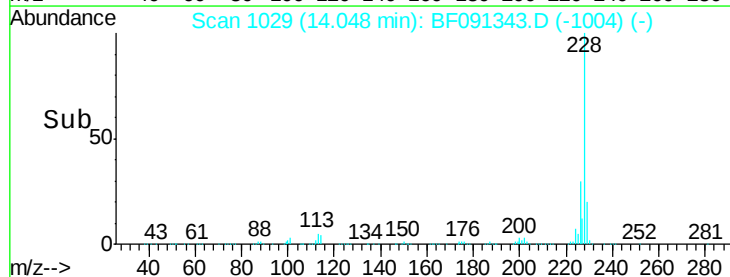
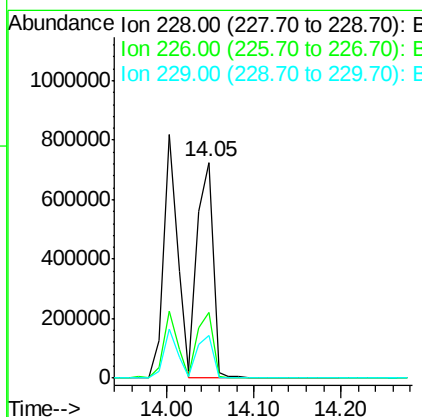
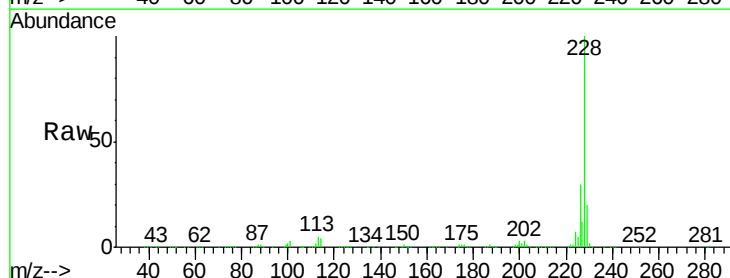
Manual Integrations
 APPROVED

sohil
 12/1/2016 3:27:17 PM



#82
 Chrysene
 Concen: 37.26 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.4	25.0	37.4
229	19.5	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.20 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

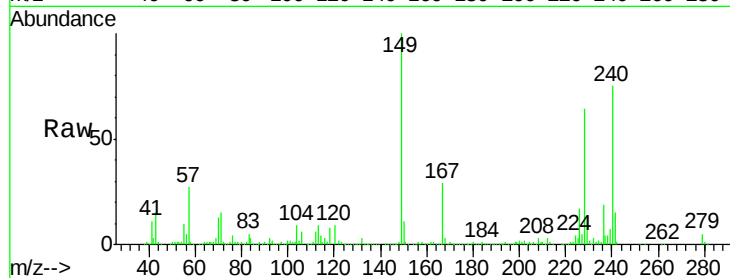
ClientSampleId :

PB94951BS

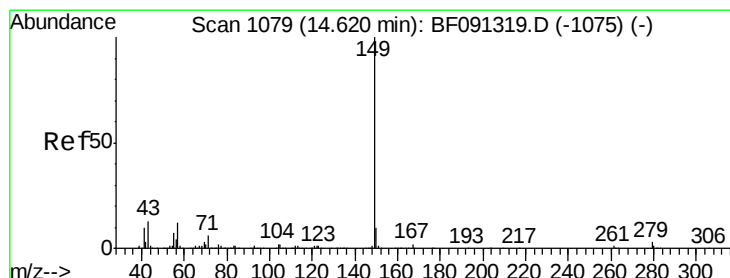
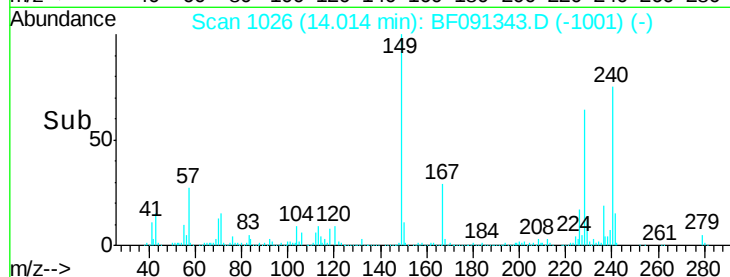
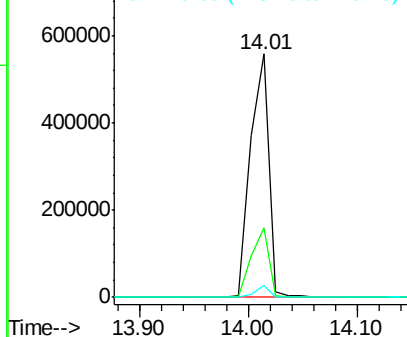
Tot Ion:	149	Resp:	655146
Ion Ratio	Lower	Upper	
149	100		
167	28.8	19.6	29.4
279	4.9	1.9	2.9#

Manual Integrations
APPROVED

sohil
12/1/2016 3:27:17 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: 43.53 ng

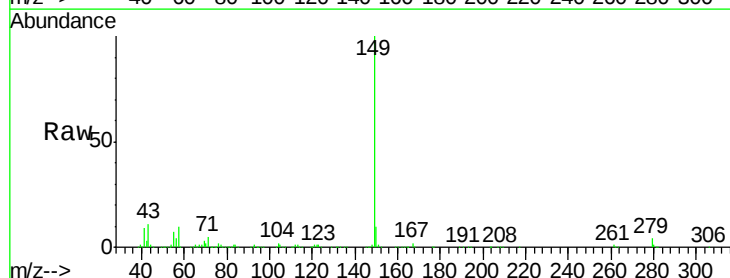
RT: 14.62 min Scan# 1079

Delta R.T. -0.02 min

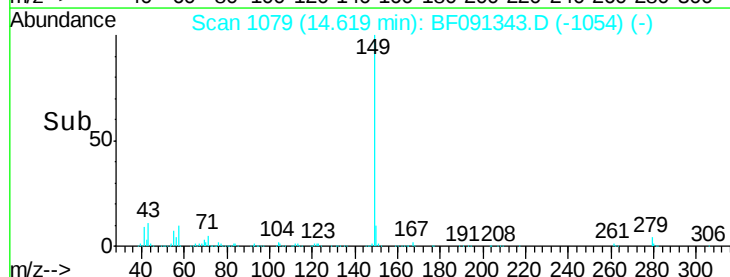
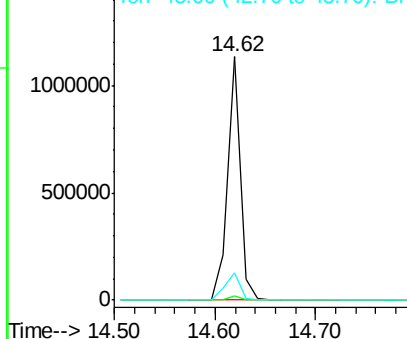
Lab File: BF091343.D

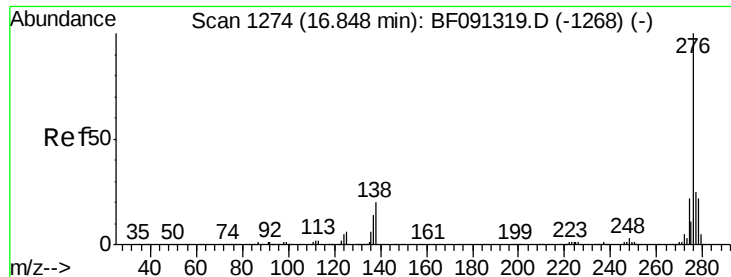
Acq: 30 Nov 2016 10:04

Tgt Ion:	149	Resp:	999089
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	13.2	11.9	17.9



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





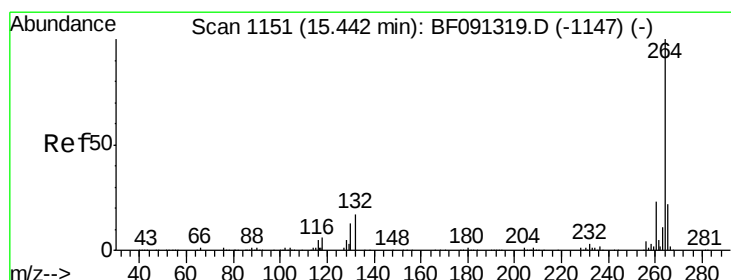
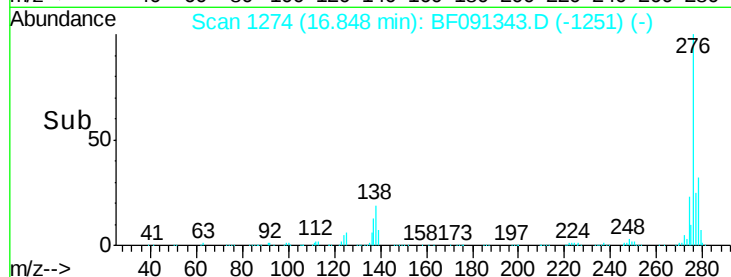
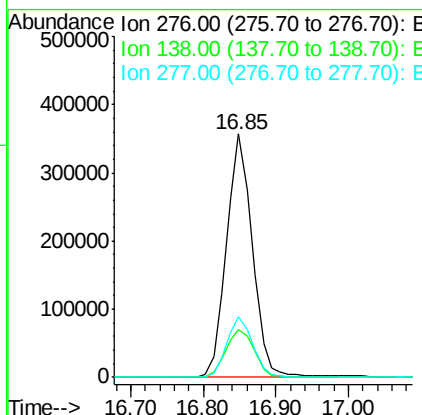
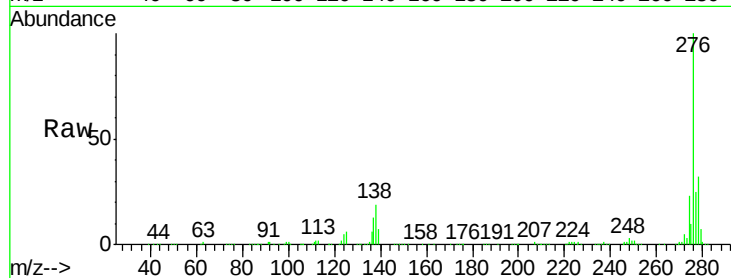
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.83 ng
RT: 16.85 min Scan# 1274
Delta R.T. -0.04 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Instrument :
BNA_F
ClientSampleId :
PB94951BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	21.0	31.4
277	25.1	20.2	30.2

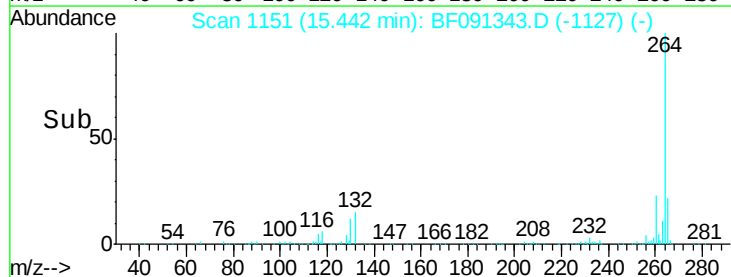
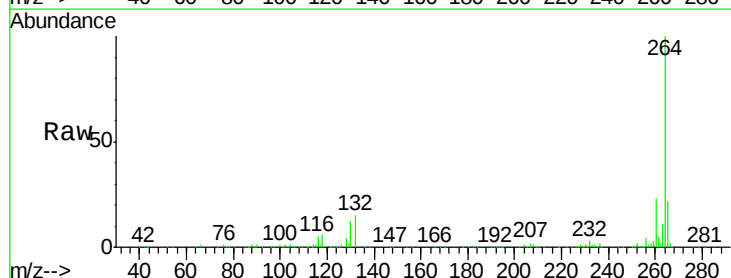
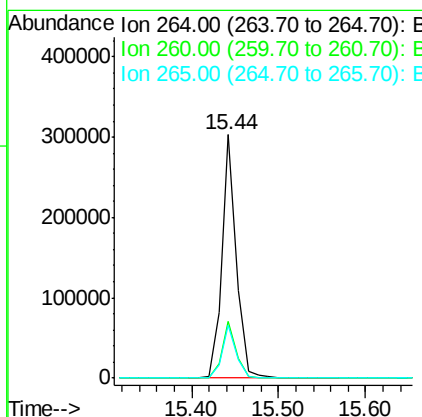
Manual Integrations
APPROVED

sohil
12/1/2016 3:27:17 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.8	17.0	25.6





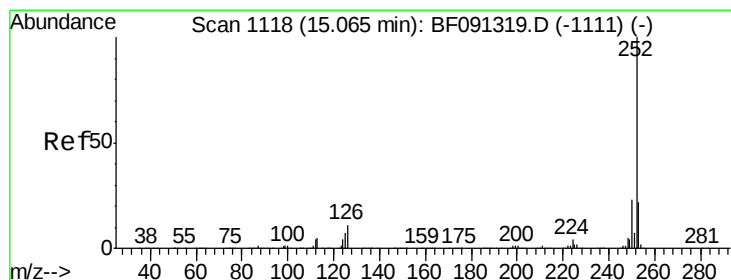
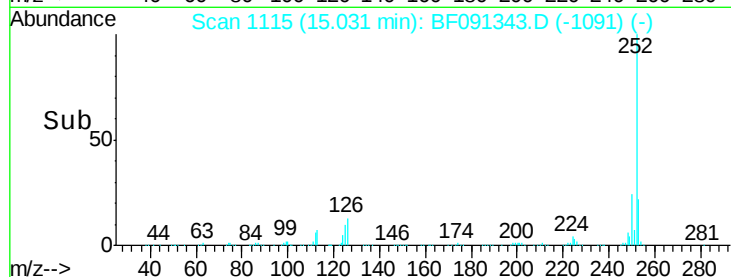
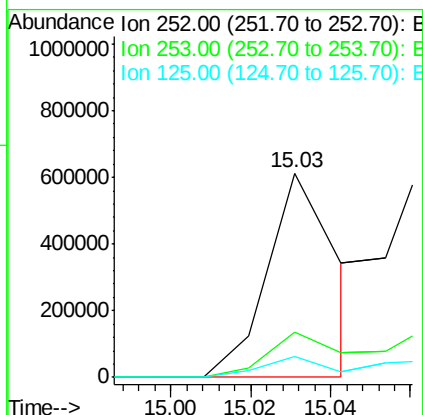
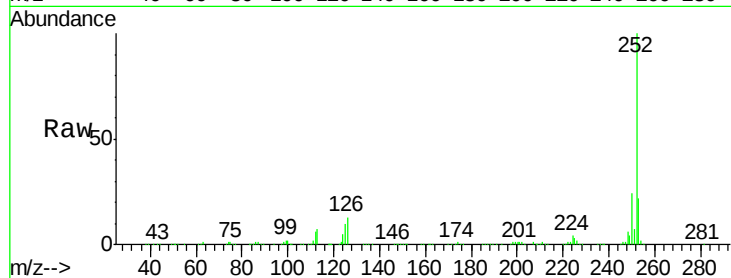
#87
Benzo(b)fluoranthene
Concen: 33.71 ng m
RT: 15.03 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Instrument :
BNA_F
ClientSampleId :
PB94951BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	10.2	8.6	13.0

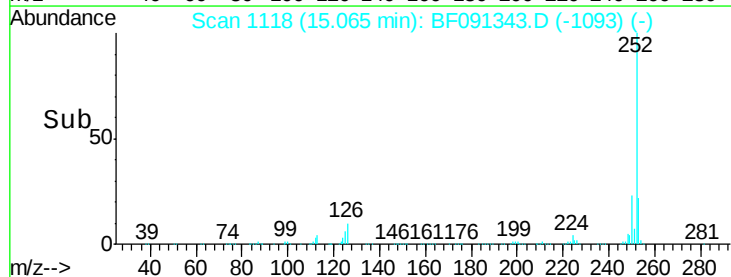
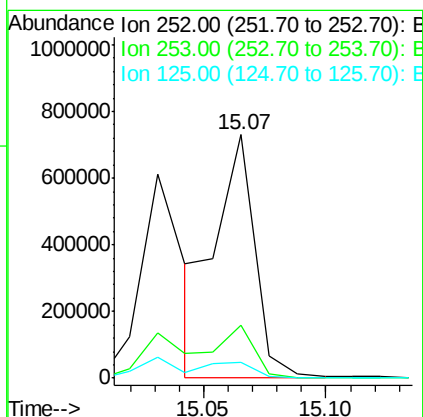
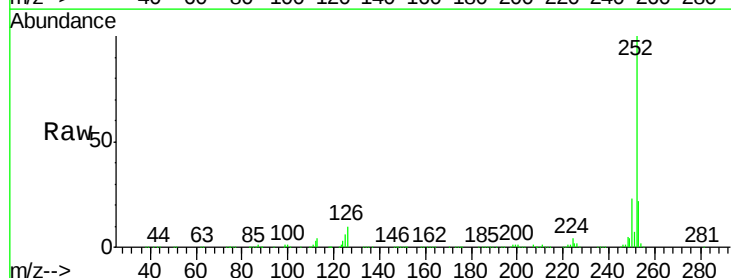
Manual Integrations
APPROVED

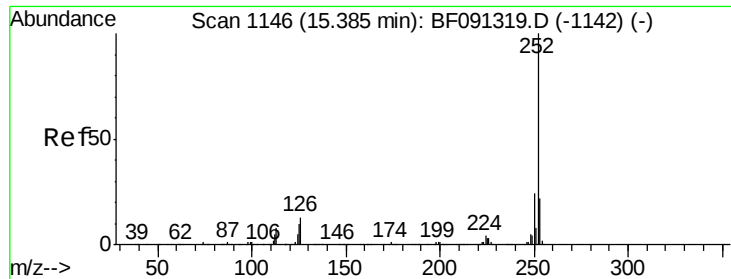
sohil
12/1/2016 3:27:17 PM



#88
Benzo(k)fluoranthene
Concen: 43.74 ng m
RT: 15.07 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	6.4	9.6	14.4#





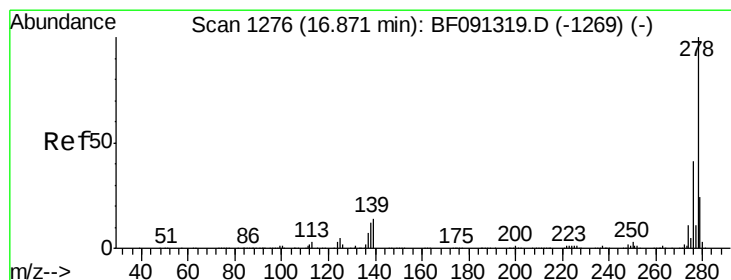
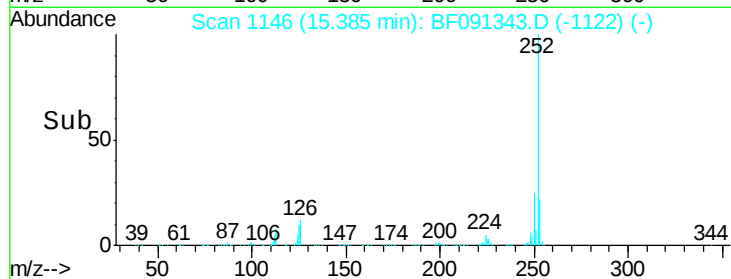
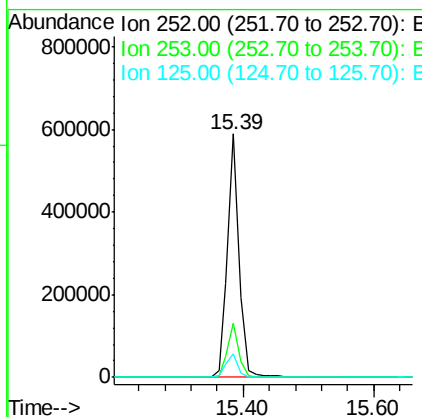
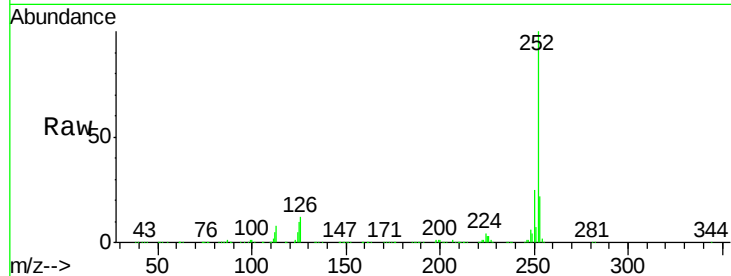
#89
Benzo(a)pyrene
Concen: 37.18 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Instrument :
BNA_F
ClientSampleId :
PB94951BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	9.5	10.4	15.6

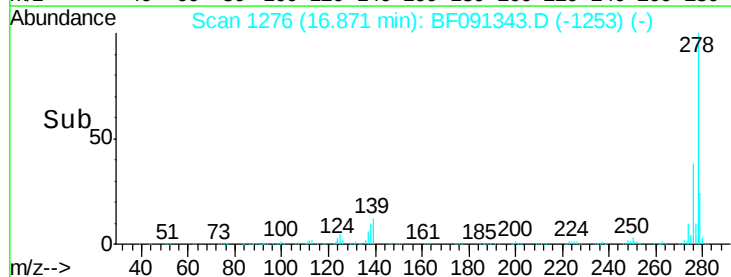
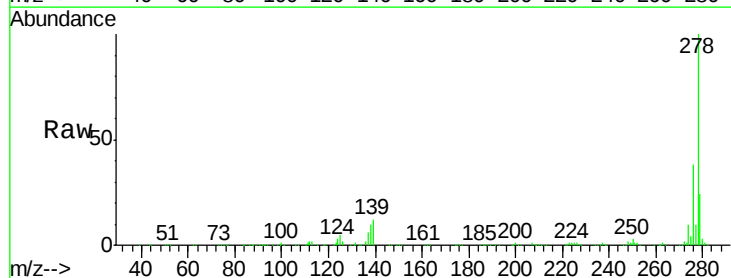
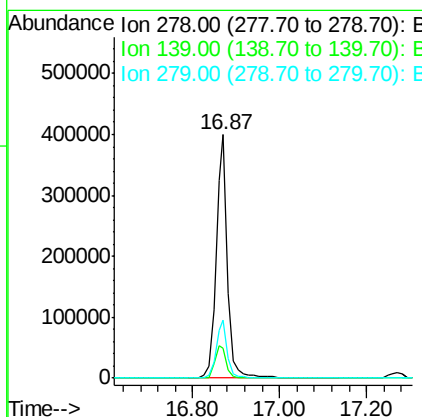
Manual Integrations
APPROVED

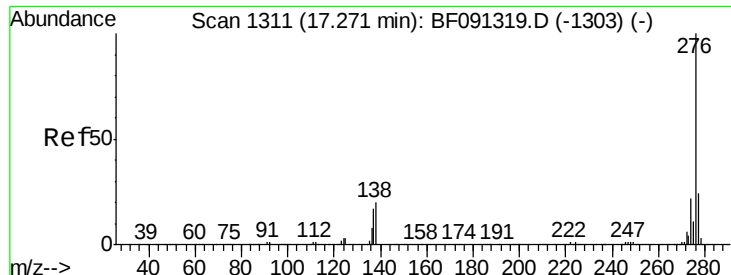
sohil
12/1/2016 3:27:17 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.93 ng
RT: 16.87 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.3	15.1	22.7
279	23.6	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 41.85 ng
 RT: 17.27 min Scan# 1311
 Delta R.T. -0.04 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB94951BS

Tot Ion:	276	Resp:	784477
Ion Ratio	Lower	Upper	
276	100		
277	23.7	19.0	28.4
138	18.0	15.4	23.0

Manual Integrations
 APPROVED

sohil
 12/1/2016 3:27:17 PM

