

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089453.D
 Acq On : 30 Jul 2016 15:14
 Operator : UM/SJ
 Sample : PB92568BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92568BS

Manual Integrations
 APPROVED

sohil
 8/1/2016 7:18:18 PM

Quant Time: Aug 01 04:50:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 04:11:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	48927	20.00	ng	0.00
21) Naphthalene-d8	7.79	136	200231	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	91481	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	179734	20.00	ng	0.00
75) Chrysene-d12	13.62	240	100438	20.00	ng	0.00
86) Perylene-d12	14.95	264	83938	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	405934	132.48	ng	0.02
7) Phenol-d6	6.17	99	489126	120.79	ng	0.00
23) Nitrobenzene-d5	7.08	82	331897	97.84	ng	0.00
41) 2,4,6-Tribromophenol	10.33	330	104395	137.79	ng	0.01
44) 2-Fluorobiphenyl	8.87	172	581366	93.26	ng	0.00
78) Terphenyl-d14	12.58	244	437478	101.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.98	88	47731	33.84	ng	# 91
3) Pyridine	2.56	79	121050	40.38	ng	98
4) n-Nitrosodimethylamine	2.54	42	55836	45.68	ng	99
6) Aniline	6.17	93	130726	29.90	ng	# 84
8) 2-Chlorophenol	6.28	128	154049	44.44	ng	83
9) Benzaldehyde	6.04	77	70190	35.50	ng	99
10) Phenol	6.18	94	197347	44.16	ng	94
11) bis(2-Chloroethyl)ether	6.25	93	154625	40.73	ng	91
12) 1,3-Dichlorobenzene	6.44	146	148303m	40.90	ng	
13) 1,4-Dichlorobenzene	6.52	146	161202	40.29	ng	93
14) 1,2-Dichlorobenzene	6.67	146	162453	43.34	ng	97
15) Benzyl Alcohol	6.66	79	129077	51.36	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.80	45	170276	41.12	ng	97
17) 2-Methylphenol	6.79	107	119995	44.79	ng	97
18) Hexachloroethane	7.00	117	62089	40.47	ng	95
19) n-Nitroso-di-n-propylamine	6.94	70	112302	45.99	ng	# 90
20) 3+4-Methylphenols	6.95	107	163563	47.54	ng	# 89
22) Acetophenone	6.92	105	204647	42.93	ng	# 96
24) Nitrobenzene	7.10	77	161882	41.93	ng	91
25) Isophorone	7.34	82	315297	46.14	ng	97
26) 2-Nitrophenol	7.42	139	86080	49.87	ng	94
27) 2,4-Dimethylphenol	7.47	122	141931	51.61	ng	98
28) bis(2-Chloroethoxy)methane	7.56	93	204436	54.05	ng	98
29) 2,4-Dichlorophenol	7.67	162	128927	51.45	ng	96
30) 1,2,4-Trichlorobenzene	7.74	180	135905	47.54	ng	98
31) Naphthalene	7.82	128	459985	46.39	ng	99
32) Benzoic acid	7.62	122	55472	28.95	ng	98
33) 4-Chloroaniline	7.88	127	48748	12.91	ng	96
34) Hexachlorobutadiene	7.93	225	67902	41.47	ng	98
35) Caprolactam	8.26	113	38206m	50.52	ng	
36) 4-Chloro-3-methylphenol	8.38	107	146994	49.36	ng	99
37) 2-Methylnaphthalene	8.50	142	298117	49.90	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	123132	38.46	ng	99
40) Hexachlorocyclopentadiene	8.65	237	89067	95.64	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089453.D
 Acq On : 30 Jul 2016 15:14
 Operator : UM/SJ
 Sample : PB92568BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92568BS

Manual Integrations
 APPROVED

sohil
 8/1/2016 7:18:18 PM

Quant Time: Aug 01 04:50:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 04:11:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	82517	54.21	nq	98
43) 2,4,5-Trichlorophenol	8.83	196	93449	48.47	nq	# 86
45) 1,1'-Biphenyl	8.97	154	345426	44.35	nq	95
46) 2-Chloronaphthalene	8.99	162	279367	47.76	nq	91
47) 2-Nitroaniline	9.10	65	90940	52.50	nq	# 83
48) Acenaphthylene	9.39	152	432489	46.94	nq	99
49) Dimethylphthalate	9.28	163	328991	47.25	nq	98
50) 2,6-Dinitrotoluene	9.35	165	71325	49.86	nq	# 79
51) Acenaphthene	9.56	154	248316	46.15	nq	99
52) 3-Nitroaniline	9.51	138	33455	22.16	nq	85
53) 2,4-Dinitrophenol	9.63	184	45341	72.23	nq	# 82
54) Dibenzofuran	9.74	168	380408	51.88	nq	96
55) 4-Nitrophenol	9.70	139	83359m	110.80	nq	
56) 2,4-Dinitrotoluene	9.75	165	98319	52.21	nq	# 82
57) Fluorene	10.08	166	303435	47.41	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	71870	55.83	nq	98
59) Diethylphthalate	9.98	149	337422	47.80	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	144313	49.16	nq	# 88
61) 4-Nitroaniline	10.12	138	67949	43.67	nq	94
62) Azobenzene	10.24	77	396151	54.50	nq	90
64) 4,6-Dinitro-2-methylphenol	10.16	198	43421	40.75	nq	96
65) n-Nitrosodiphenylamine	10.20	169	284926	50.81	nq	99
66) 4-Bromophenyl-phenylether	10.56	248	82067	47.82	nq	# 81
67) Hexachlorobenzene	10.63	284	84328	47.95	nq	# 71
68) Atrazine	10.74	200	85709	49.75	nq	97
69) Pentachlorophenol	10.82	266	71122	83.21	nq	99
70) Phenanthrene	11.03	178	422371	45.56	nq	99
71) Anthracene	11.08	178	480128	46.59	nq	99
72) Carbazole	11.24	167	413763	47.69	nq	98
73) Di-n-butylphthalate	11.59	149	544766	46.80	nq	99
74) Fluoranthene	12.20	202	430867	44.19	nq	96
76) Benzidine	12.34	184	125255	33.75	nq	97
77) Pyrene	12.43	202	423262	55.60	nq	100
79) Butylbenzylphthalate	13.06	149	173504	50.13	nq	92
80) Benzo(a)anthracene	13.61	228	275439	48.59	nq	99
81) 3,3'-Dichlorobenzidine	13.59	252	55425	27.17	nq	99
82) Chrysene	13.65	228	263664	43.70	nq	100
83) Bis(2-ethylhexyl)phthalate	13.63	149	227217	45.42	nq	# 94
84) Di-n-octyl phthalate	14.24	149	337332	43.21	nq	99
85) Indeno(1,2,3-cd)pyrene	16.14	276	270195	62.99	nq	98
87) Benzo(b)fluoranthene	14.61	252	209837m	40.25	nq	
88) Benzo(k)fluoranthene	14.63	252	228343m	47.65	nq	
89) Benzo(a)pyrene	14.90	252	224894	48.09	nq	98
90) Dibenzo(a,h)anthracene	16.14	278	223418	60.65	nq	100
91) Benzo(g,h,i)perylene	16.48	276	233632	64.52	nq	99

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

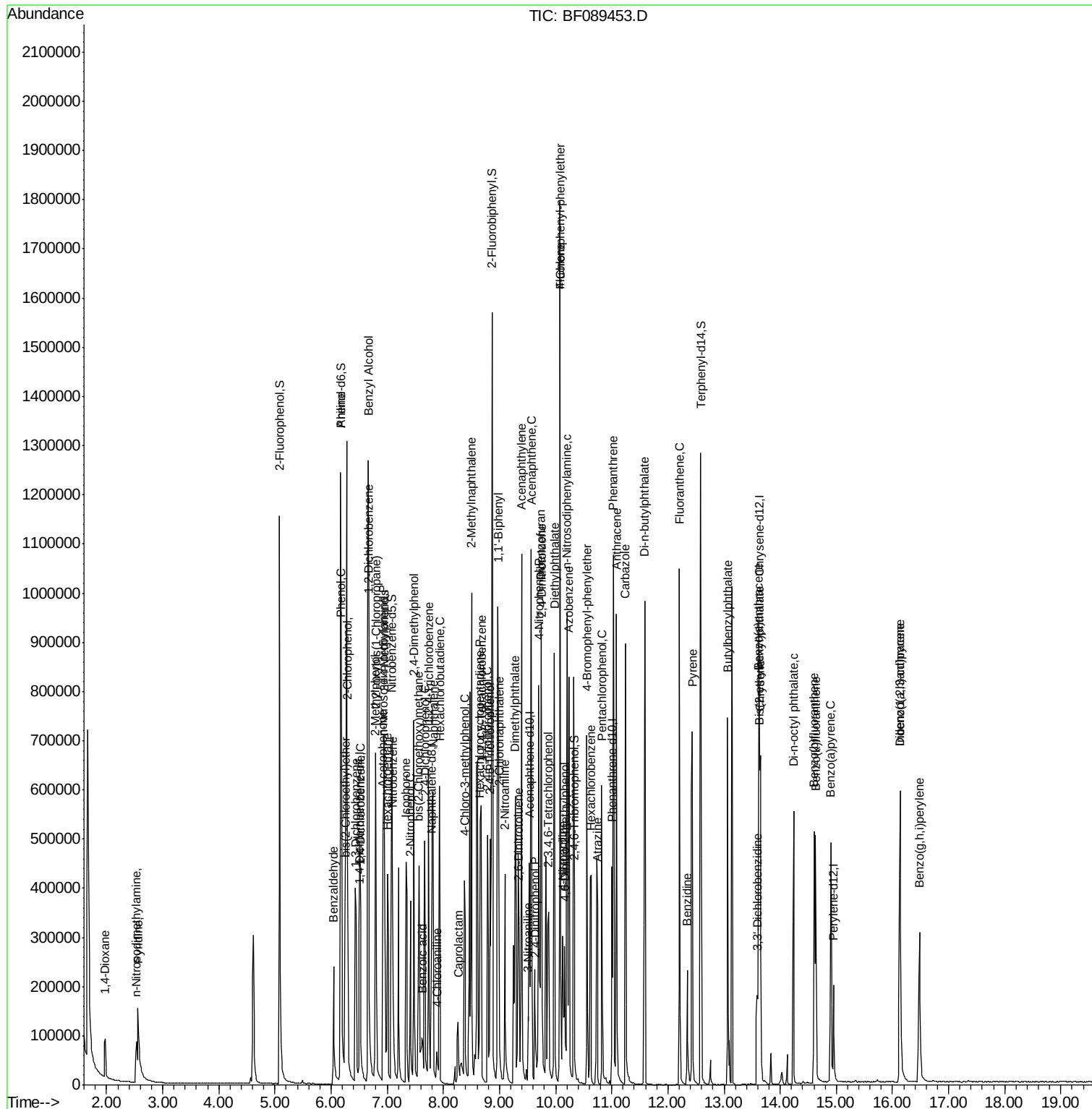
Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089453.D
Acq On : 30 Jul 2016 15:14
Operator : UM/SJ
Sample : PB92568BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

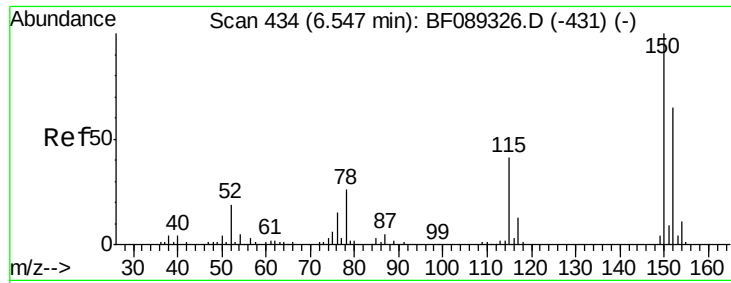
Instrument :
BNA_F
ClientSampleId :
PB92568BS

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:18 PM

Quant Time: Aug 01 04:50:02 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 04:11:30 2016
Response via : Initial Calibration





#1

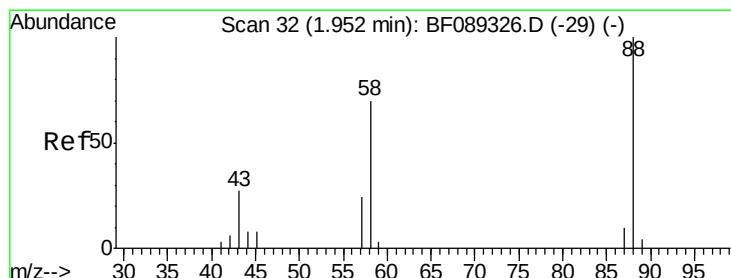
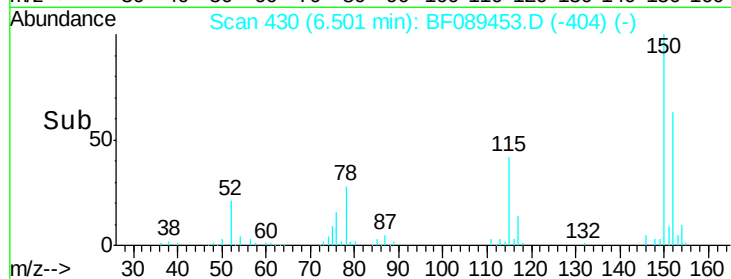
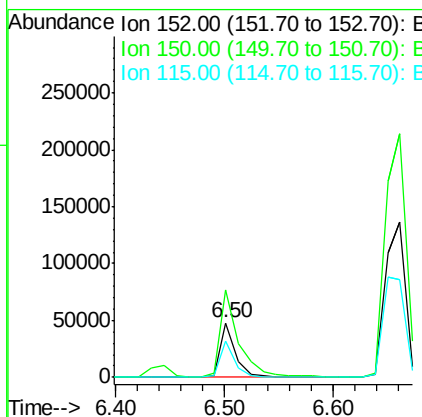
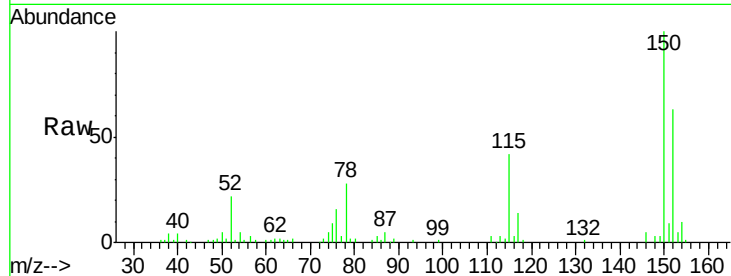
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Instrument :
BNA_F
ClientSampleId :
PB92568BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	129.5	194.3
115	67.1	51.4	77.2

Manual Integrations
APPROVED

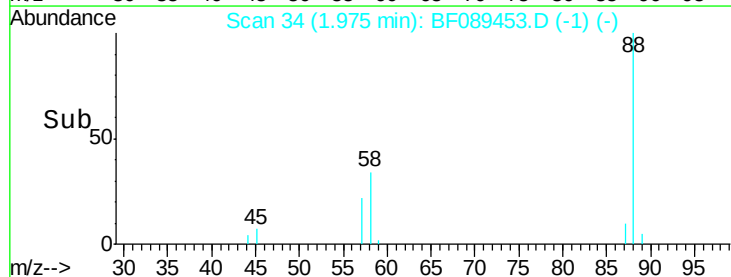
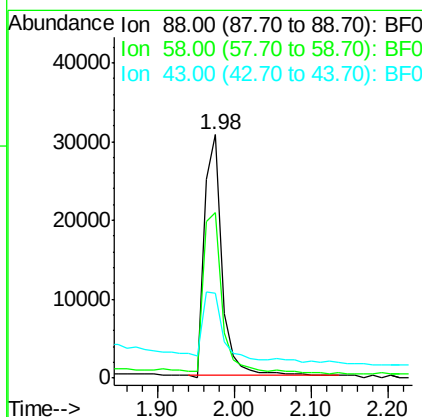
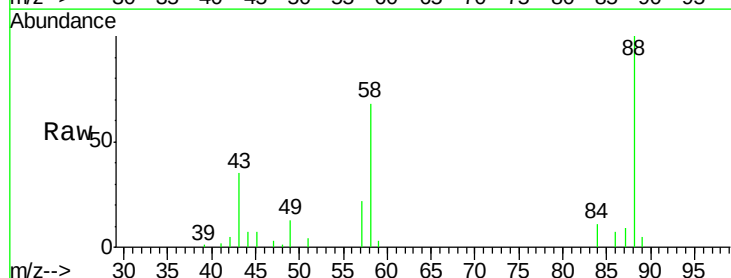
sohil
8/1/2016 7:18:18 PM

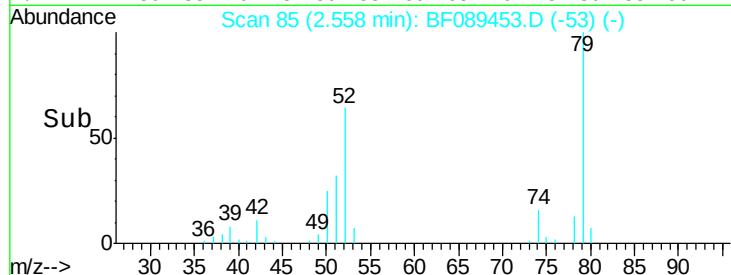
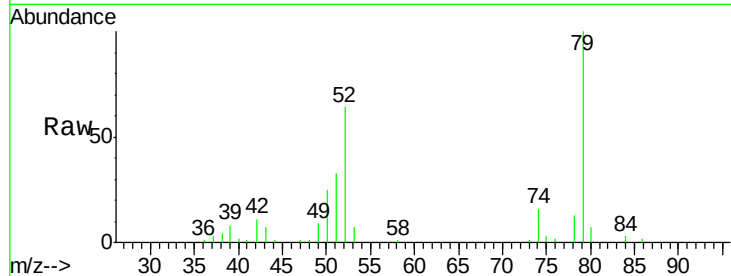
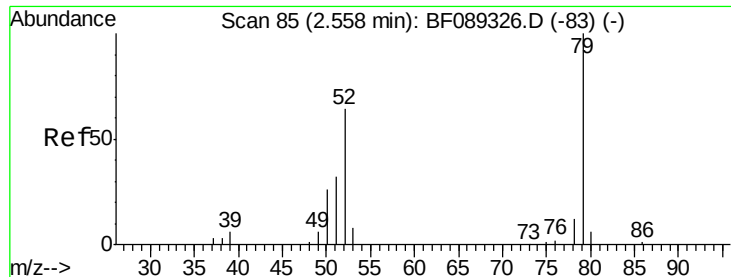


#2

1,4-Dioxane
Concen: 33.84 ng
RT: 1.98 min Scan# 34
Delta R.T. 0.08 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.4	53.2	79.8
43	32.9	20.6	31.0





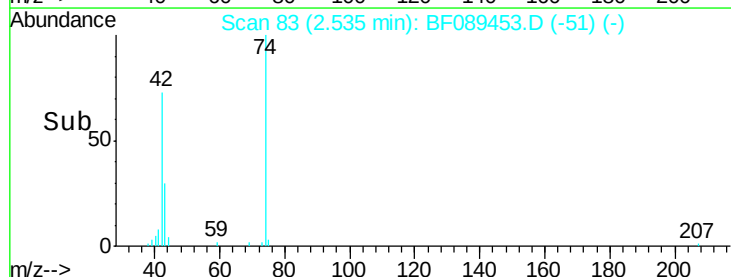
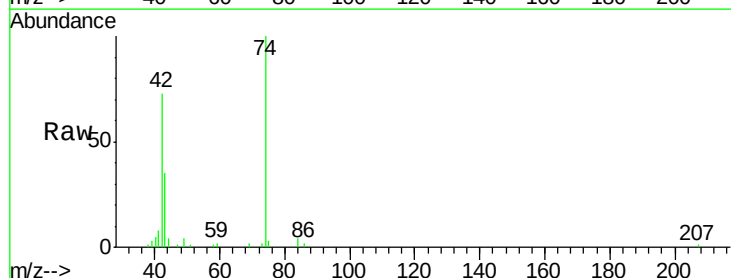
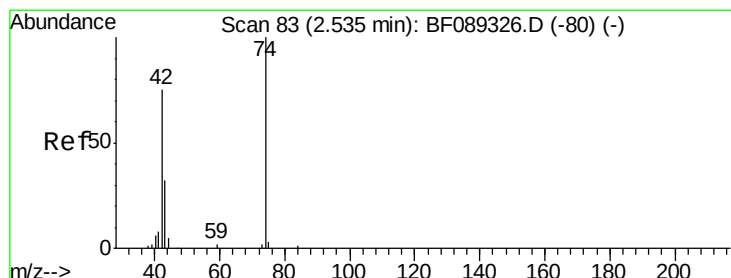
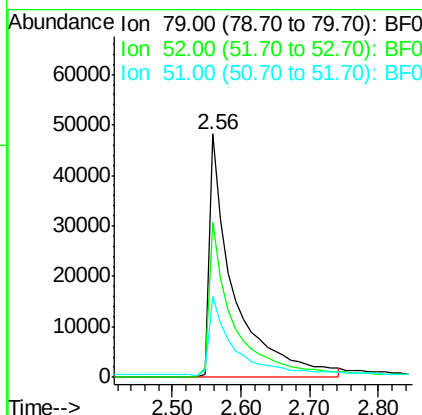
#3
 Pvridine
 Concen: 40.38 ng
 RT: 2.56 min Scan# 85
 Delta R.T. 0.07 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		121050		
52	63.8	51.9	77.9		
51	33.2	28.2	42.4		

Instrument :
 BNA_F
 ClientSampleId :
 PB92568BS

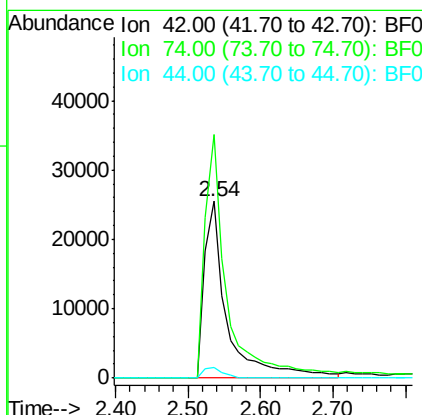
Manual Integrations
 APPROVED

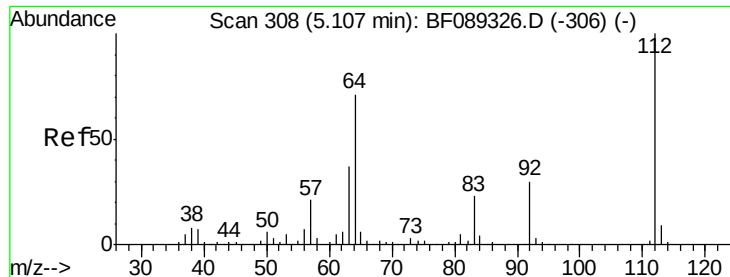
sohil
 8/1/2016 7:18:18 PM



#4
 n-Nitrosodimethylamine
 Concen: 45.68 ng
 RT: 2.54 min Scan# 83
 Delta R.T. 0.07 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		55836		
74	137.7	110.8	166.2		
44	6.0	5.2	7.8		





#5

2-Fluorophenol

Concen: 132.48 ng

RT: 5.08 min Scan# 306

Delta R.T. 0.02 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

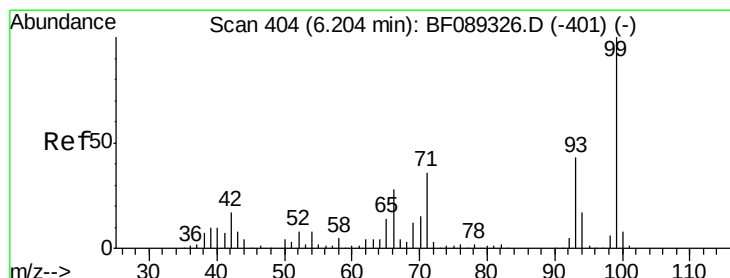
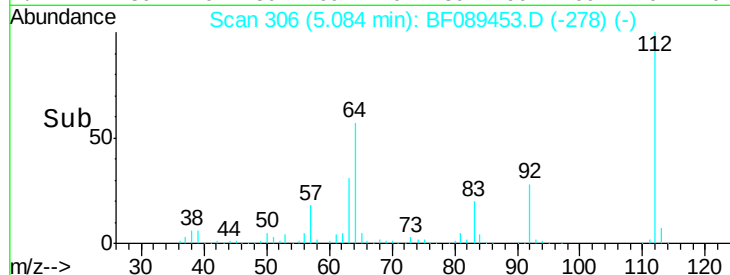
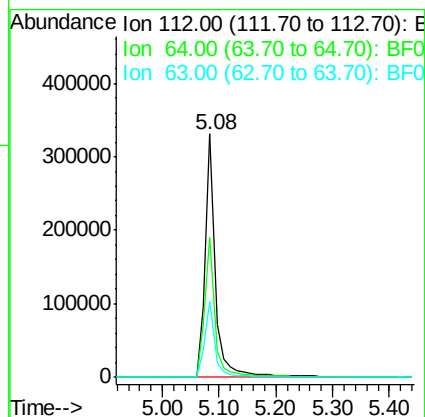
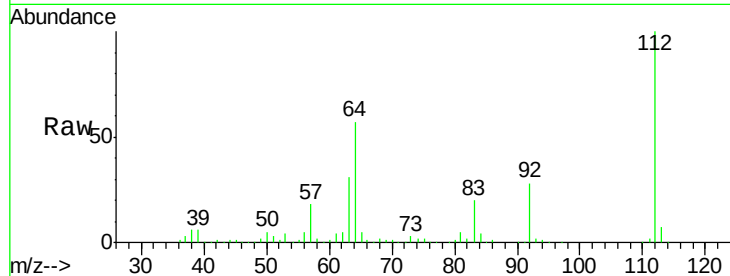
ClientSampleId :

PB92568BS

Tot Ion:	112	Resp:	405934
Ion Ratio	Lower	Upper	
112	100		
64	57.3	55.0	82.6
63	31.1	29.4	44.2

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:18 PM



#6

Aniline

Concen: 29.90 ng

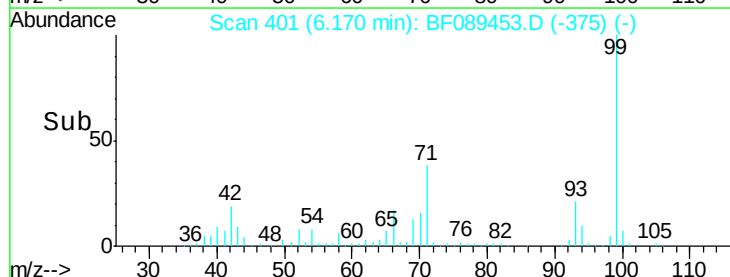
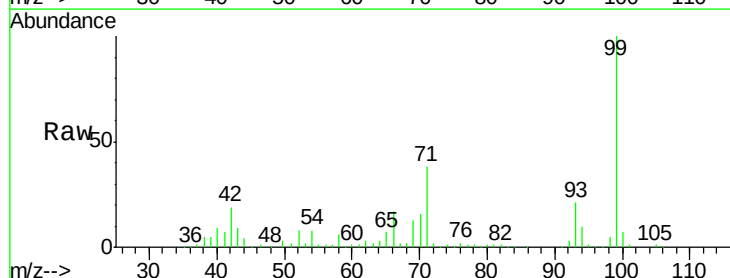
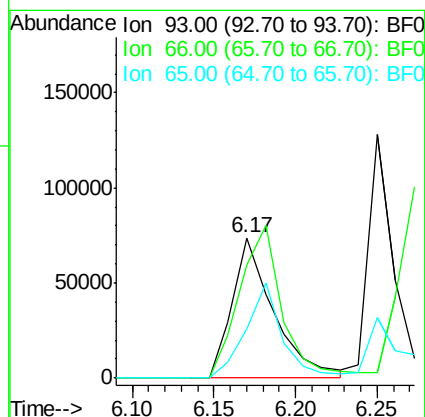
RT: 6.17 min Scan# 401

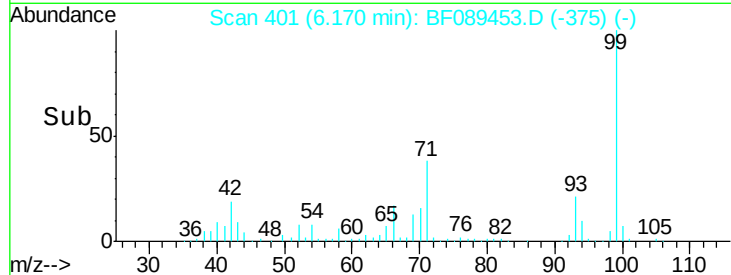
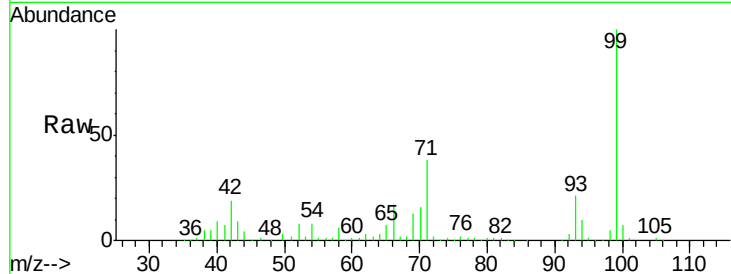
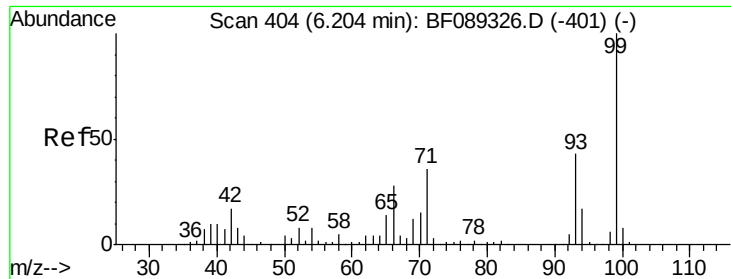
Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Tgt Ion:	93	Resp:	130726
Ion Ratio	Lower	Upper	
93	100		
66	80.5	51.6	77.4#
65	34.8	24.7	37.1





#7

Phenol-d6

Concen: 120.79 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		489126		
42	18.5	13.6	20.4		
71	37.6	29.4	44.2		

Instrument :

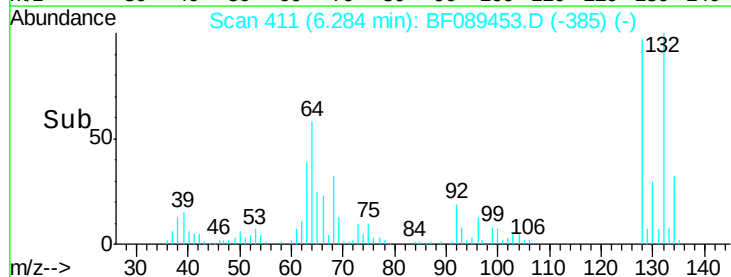
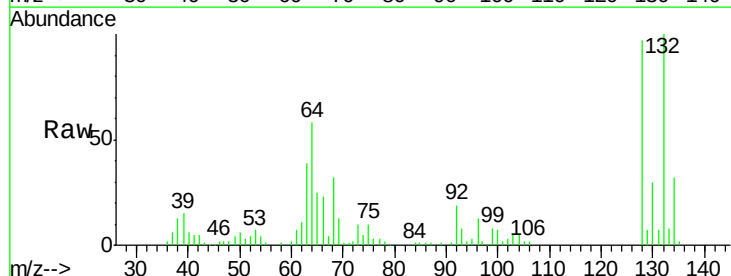
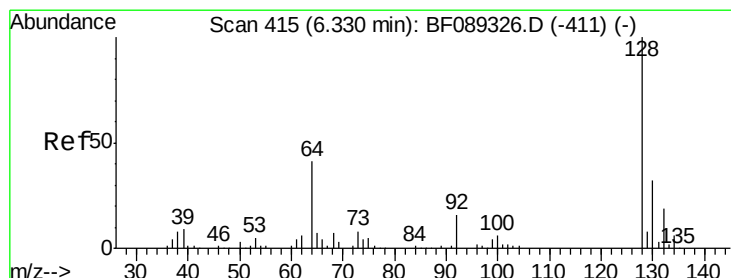
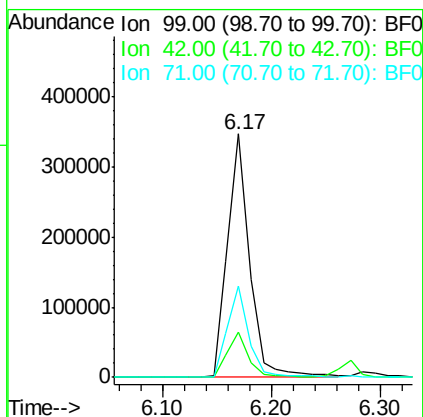
BNA_F

ClientSampleId :

PB92568BS

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:18 PM



#8

2-Chlorophenol

Concen: 44.44 ng

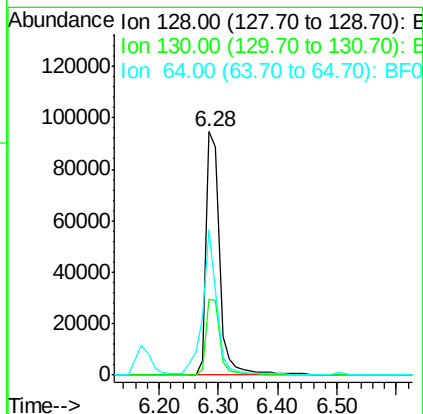
RT: 6.28 min Scan# 411

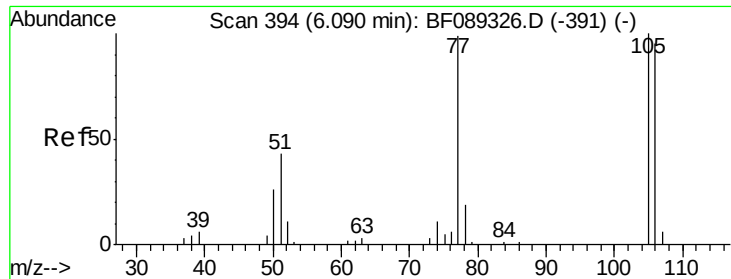
Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		154049		
130	31.1	12.6	52.6		
64	59.5	22.1	62.1		





#9

Benzaldehyde

Concen: 35.50 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

ClientSampleId :

PB92568BS

Tot Ion: 77 Resp: 70190

Ion Ratio Lower Upper

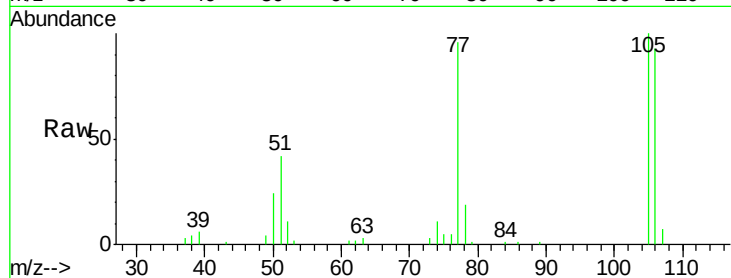
77 100

105 104.3 82.9 122.9

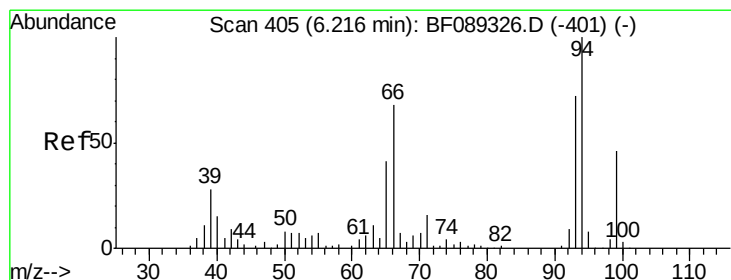
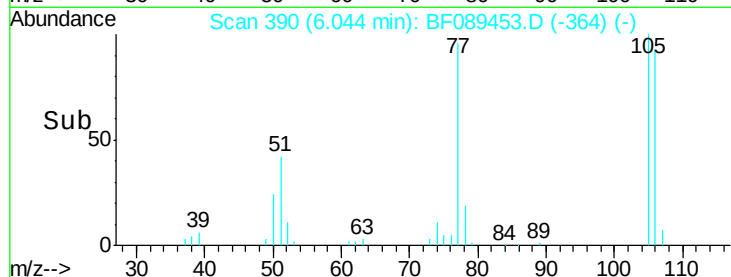
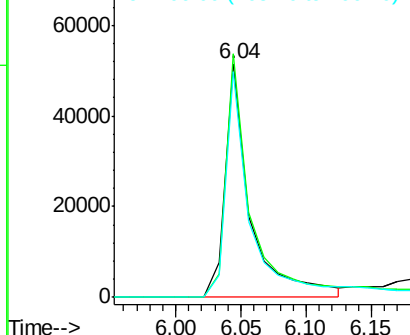
106 96.8 75.9 115.9

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:18 PM



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 44.16 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

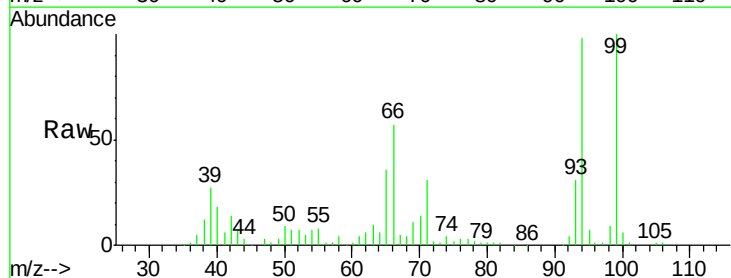
Tgt Ion: 94 Resp: 197347

Ion Ratio Lower Upper

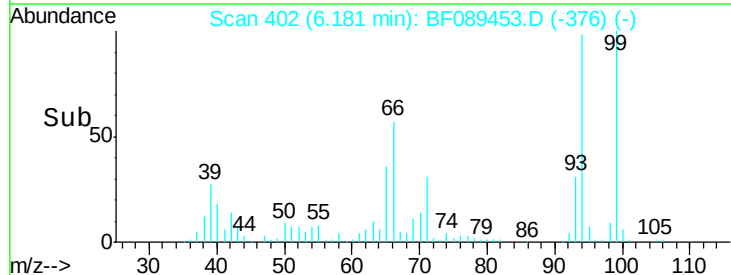
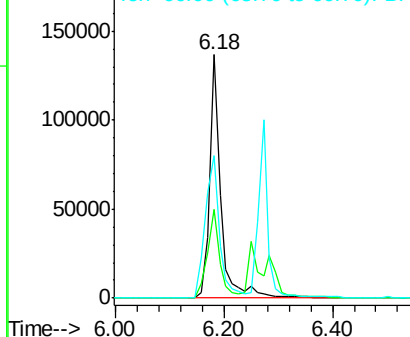
94 100

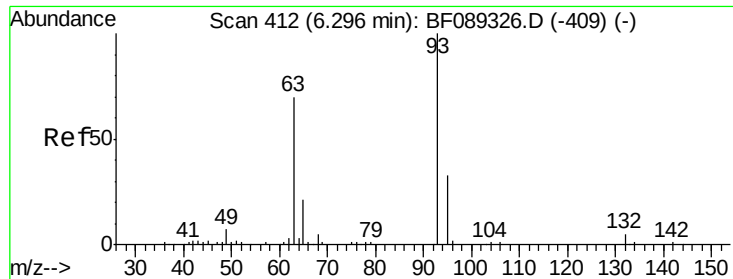
65 36.4 19.1 59.1

66 58.7 44.4 84.4



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





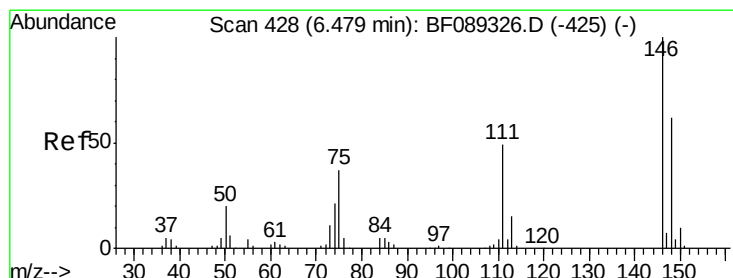
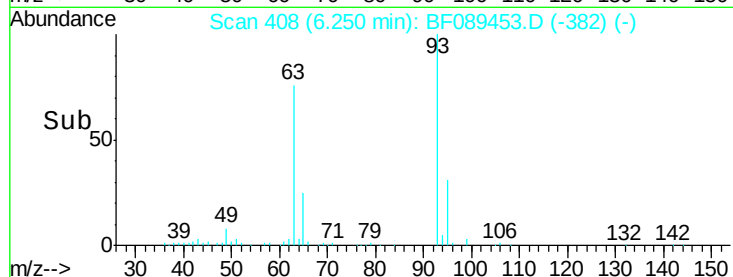
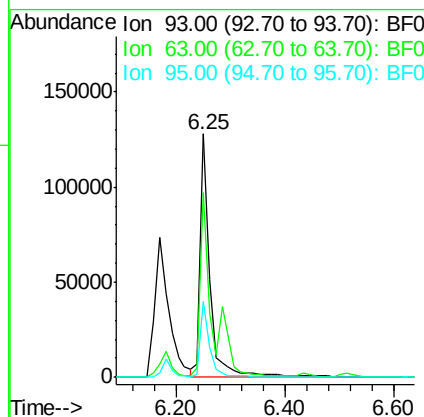
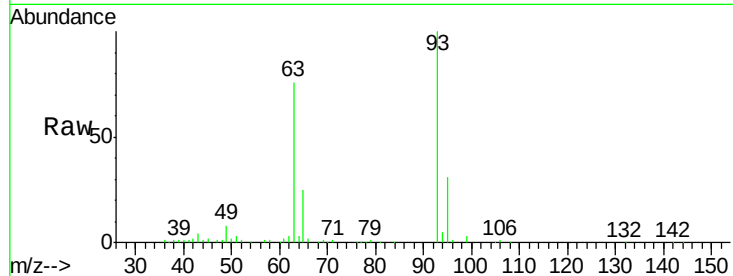
#11
bis(2-Chloroethyl)ether
Concen: 40.73 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Instrument :
BNA_F
ClientSampleId :
PB92568BS

Tot Ion:	93	Resp:	154625
Ion Ratio	Lower	Upper	
93	100		
63	76.0	45.6	85.6
95	31.3	11.1	51.1

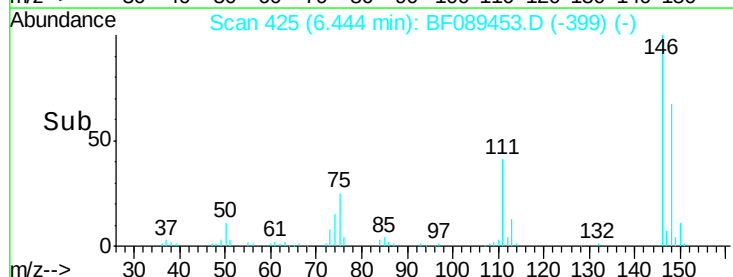
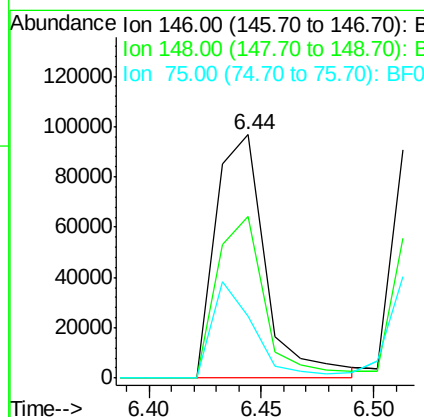
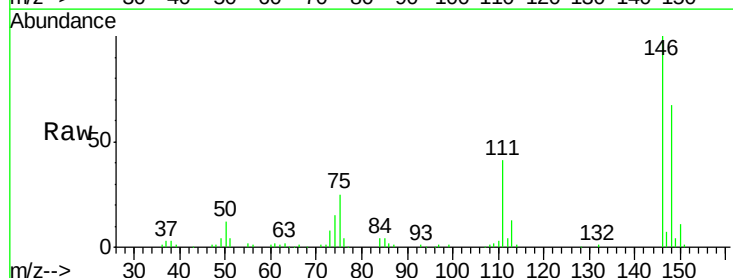
Manual Integrations
APPROVED

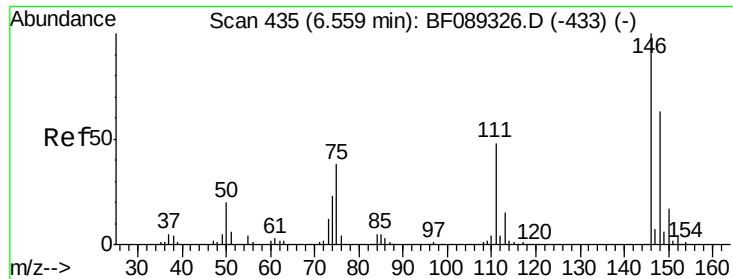
sohil
8/1/2016 7:18:18 PM



#12
1,3-Dichlorobenzene
Concen: 40.90 ng m
RT: 6.44 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion:	146	Resp:	148303
Ion Ratio	Lower	Upper	
146	100		
148	66.6	50.5	75.7
75	25.2	30.0	45.0#





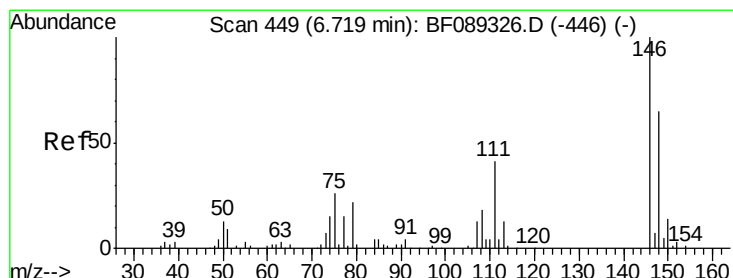
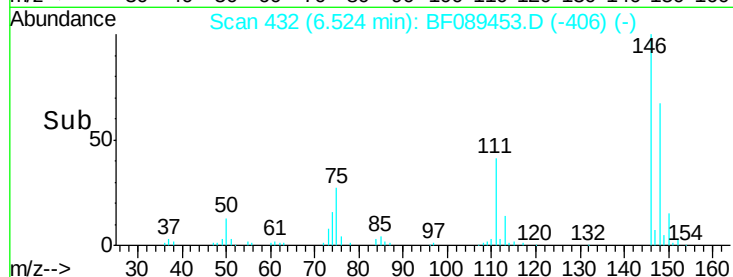
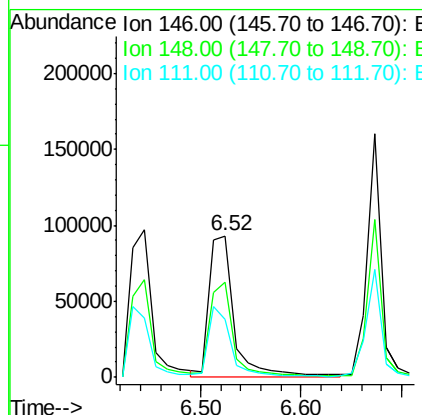
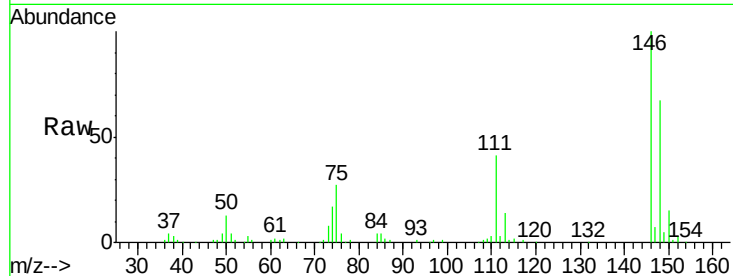
#13
 1,4-Dichlorobenzene
 Concen: 40.29 ng
 RT: 6.52 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB92568BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.1	50.8	76.2
111	40.8	38.6	57.8

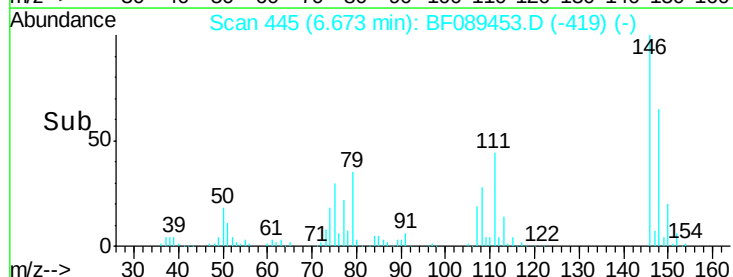
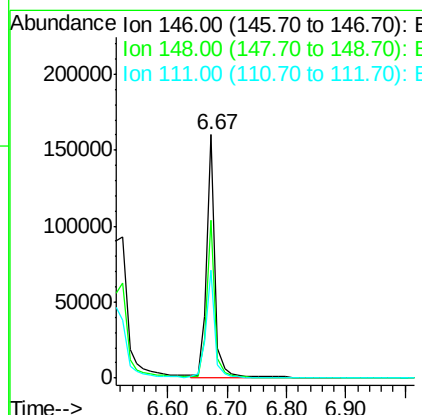
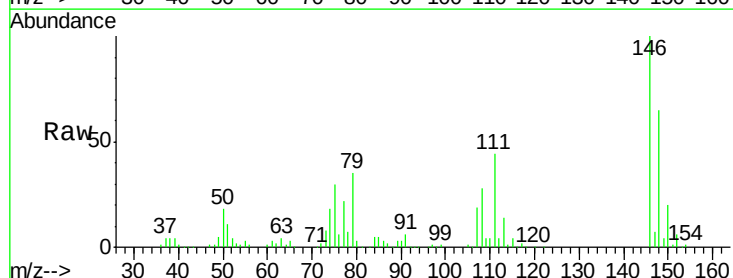
Manual Integrations
 APPROVED

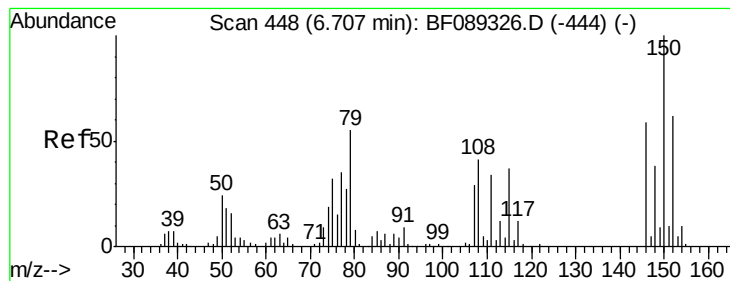
sohil
 8/1/2016 7:18:18 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.34 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.4	75.6
111	44.2	33.0	49.4





#15

Benzyl Alcohol

Concen: 51.36 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

ClientSampled :

PB92568BS

Tot Ion: 79 Resp: 129077

Ion Ratio Lower Upper

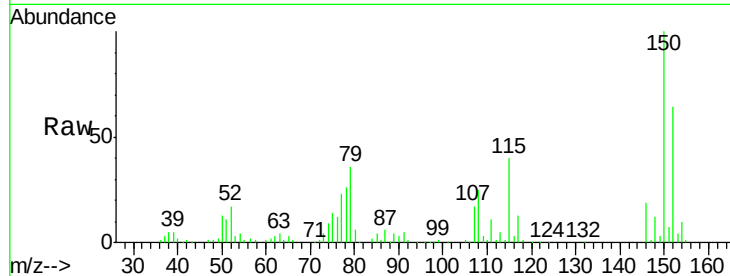
79 100

108 67.3 59.8 89.6

77 64.0 51.7 77.5

Manual Integrations
APPROVED

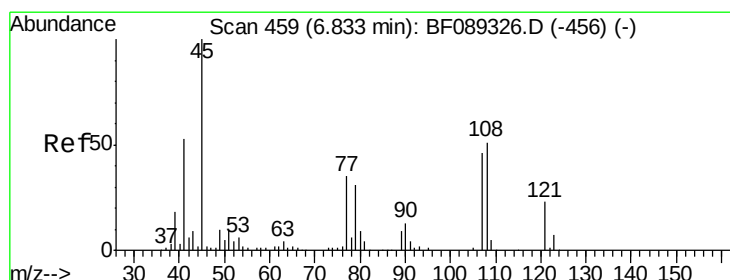
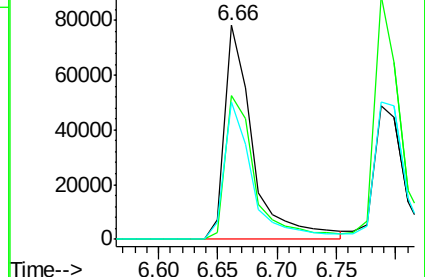
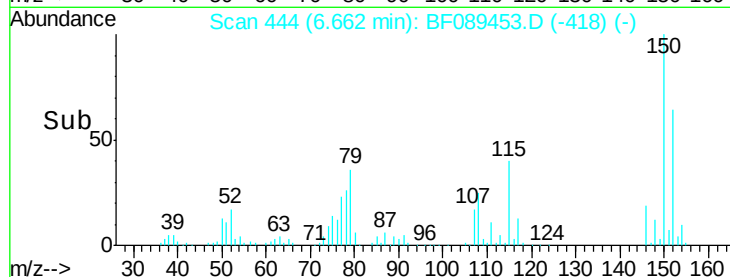
sohil
8/1/2016 7:18:18 PM



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.12 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

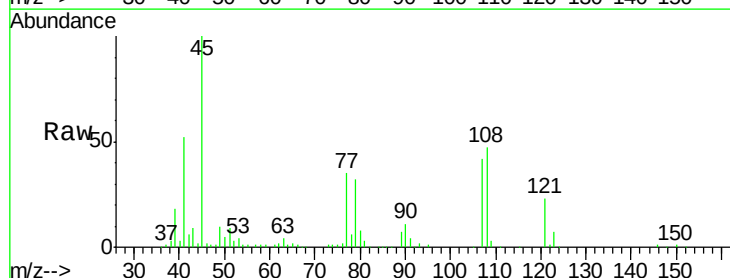
Tgt Ion: 45 Resp: 170276

Ion Ratio Lower Upper

45 100

77 35.3 17.3 57.3

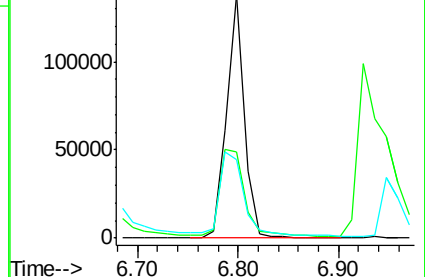
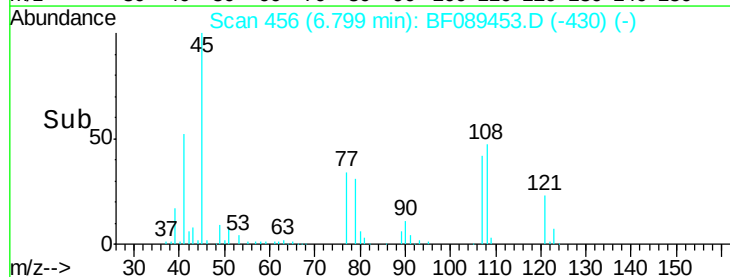
79 32.2 13.9 53.9

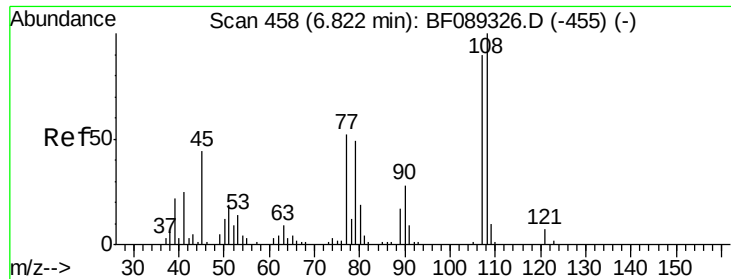


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 44.79 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

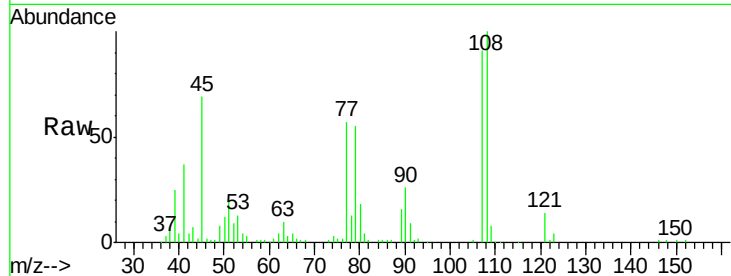
ClientSampleId :

PB92568BS

Tot Ion:	107	Resp:	119995
Ion Ratio	Lower	Upper	
107	100		
108	109.5	91.4	137.0
77	61.9	48.6	73.0
79	60.1	48.2	72.4

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:18 PM

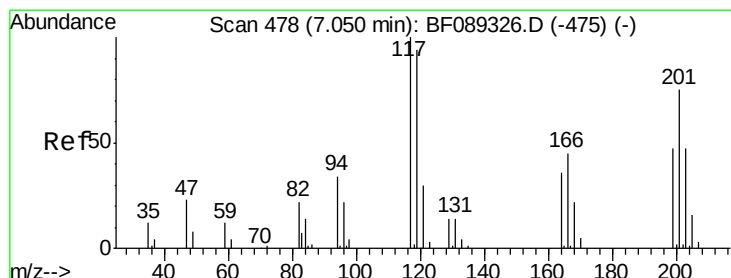
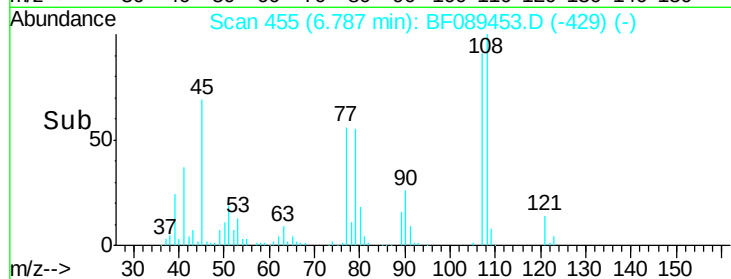
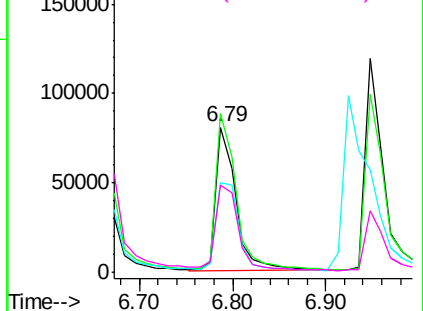


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.47 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF089453.D

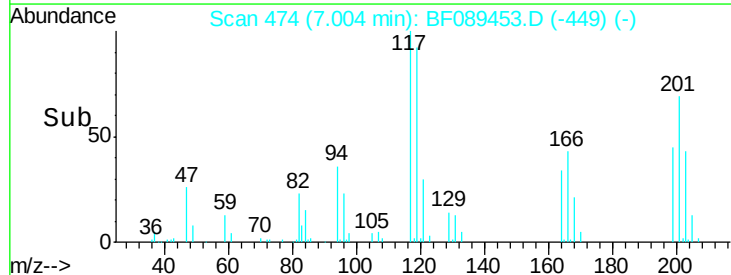
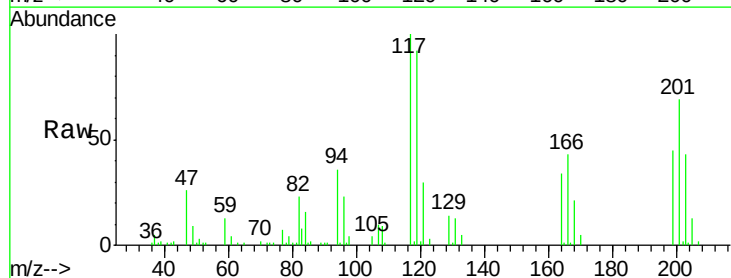
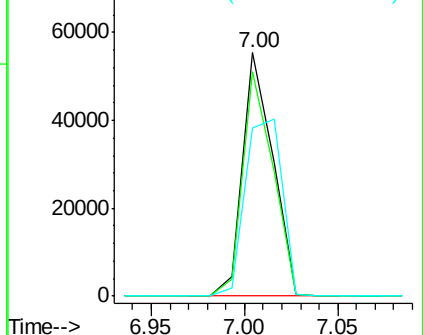
Acq: 30 Jul 2016 15:14

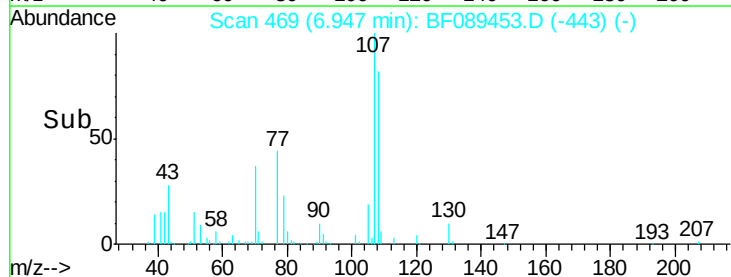
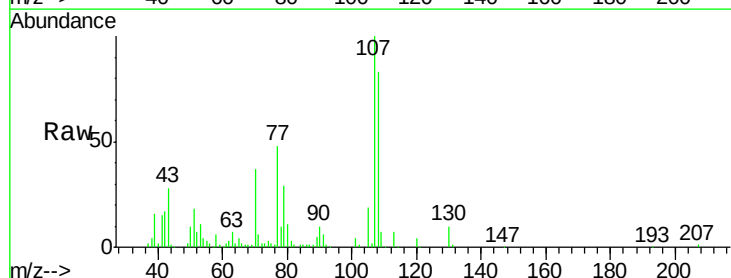
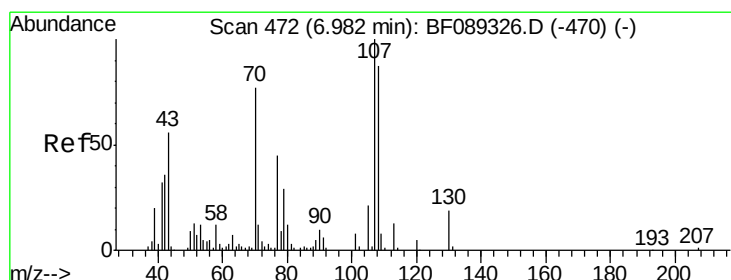
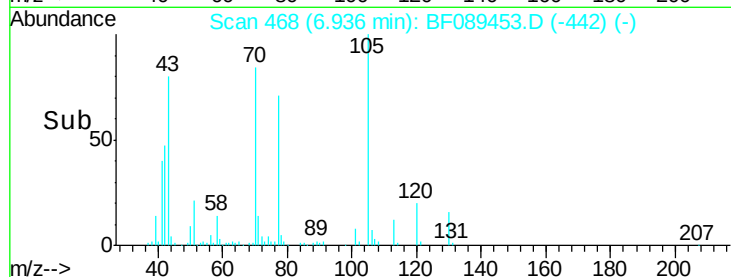
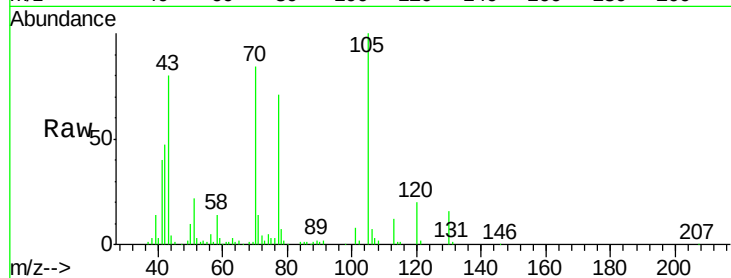
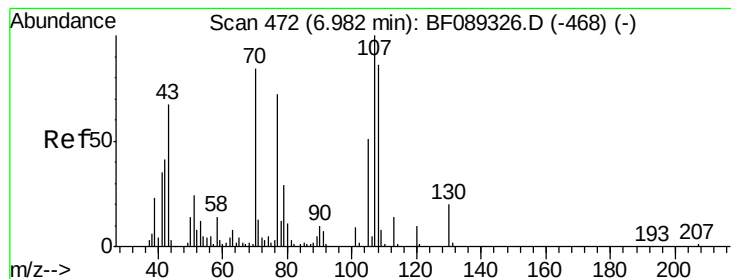
Tgt Ion:	117	Resp:	62089
Ion Ratio	Lower	Upper	
117	100		
119	92.0	76.0	114.0
201	69.3	60.0	90.0

Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 45.99 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.0	38.6	57.8
101	9.1	8.3	12.5
130	18.6	19.0	28.4#

Instrument :

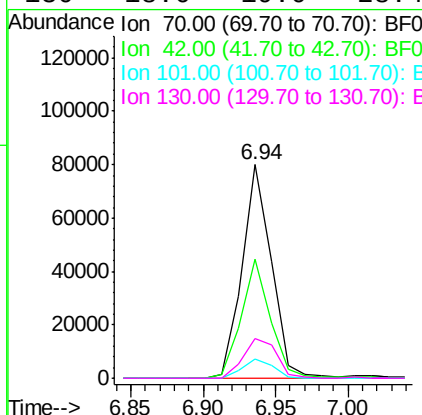
BNA_F

ClientSampleId :

PB92568BS

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:18 PM



#20

3+4-Methylphenols

Concen: 47.54 ng

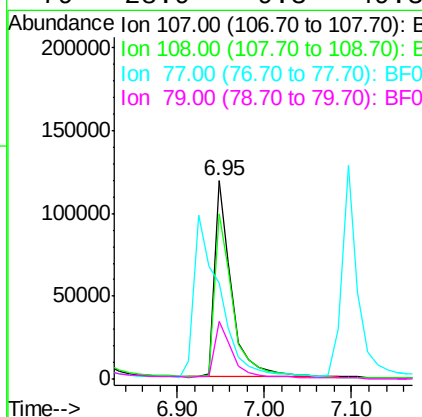
RT: 6.95 min Scan# 469

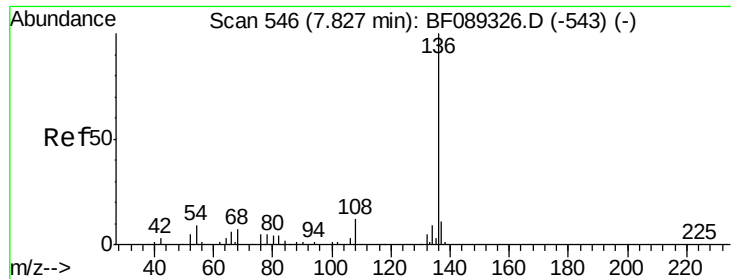
Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.4	63.3	103.3
77	48.2	51.1	91.1#
79	28.9	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

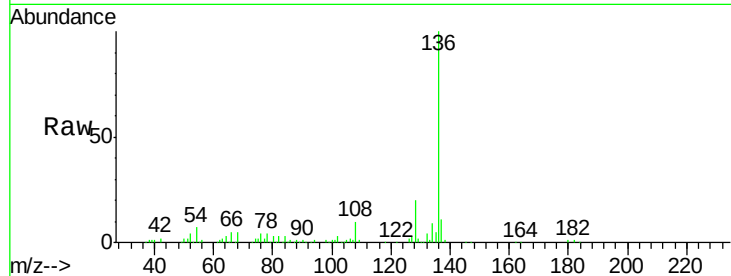
ClientSampleId :

PB92568BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		200231		
137	10.7		8.6	13.0	
54	6.6		7.0	10.4	
68	5.2		4.9	7.3	

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:18 PM



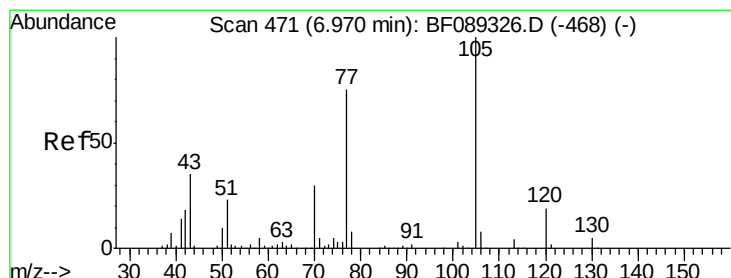
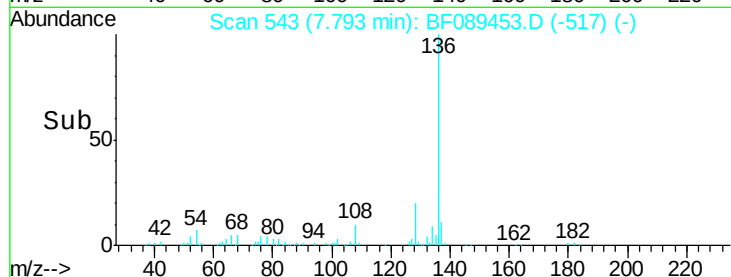
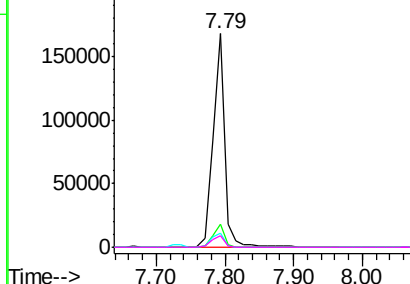
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.93 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		204647		
71	4.1		4.2	6.2	
51	26.2		18.7	28.1	
120	18.6		15.8	23.6	

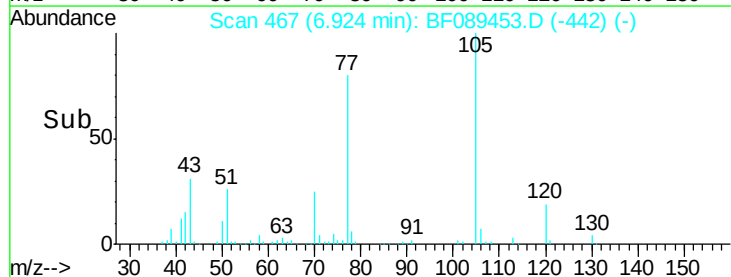
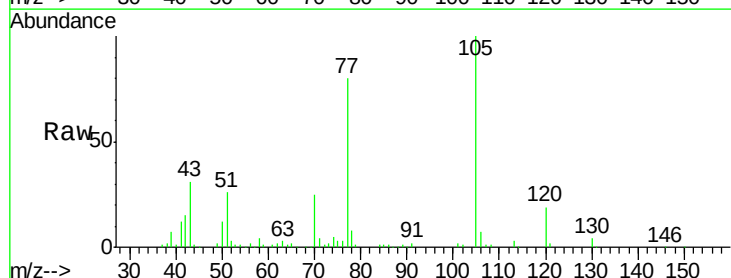
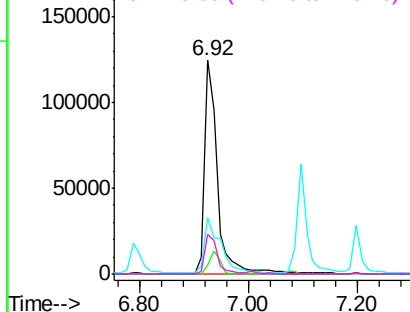
Abundance

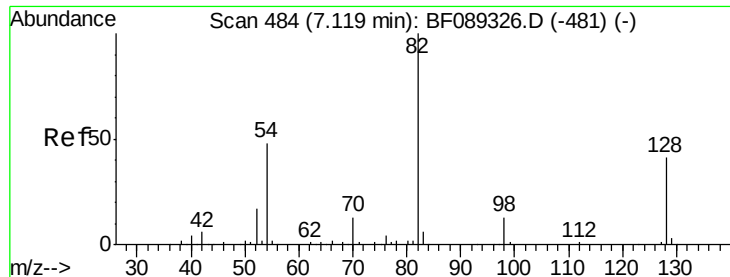
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





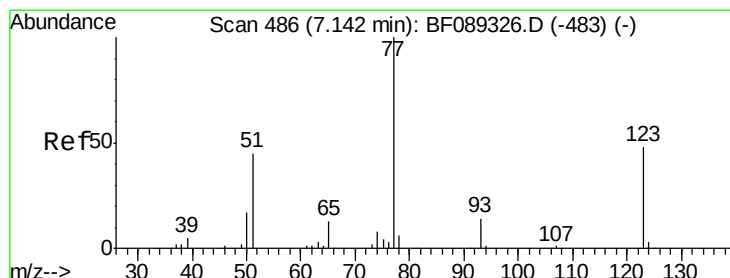
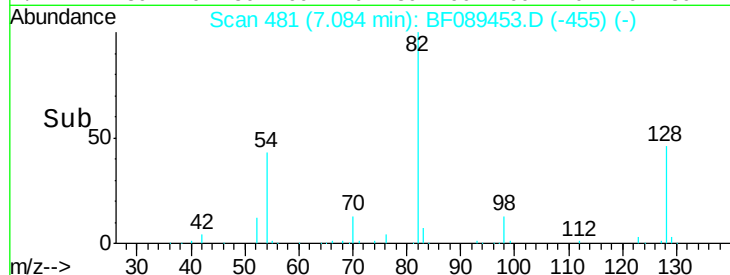
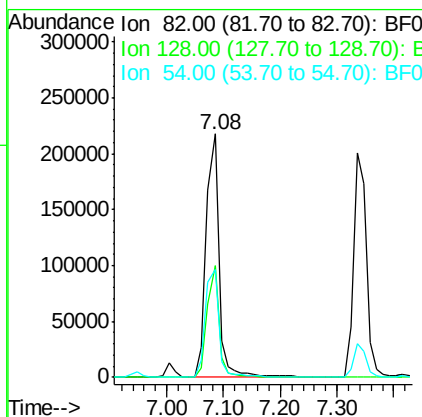
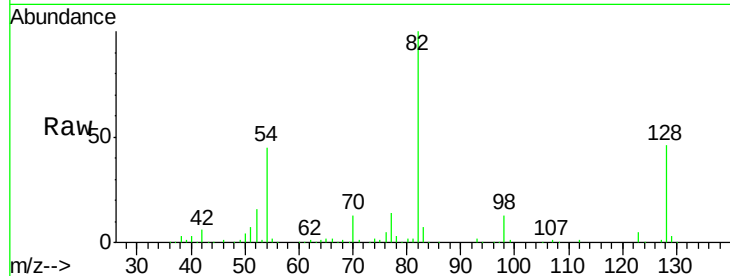
#23
 Nitrobenzene-d5
 Concen: 97.84 ng
 RT: 7.08 min Scan# 481
 Delta R.T. -0.00 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Instrument :
 BNA_F
 ClientSampleID :
 PB92568BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	331897		
128	46.1	32.5	48.7	
54	44.6	38.8	58.2	

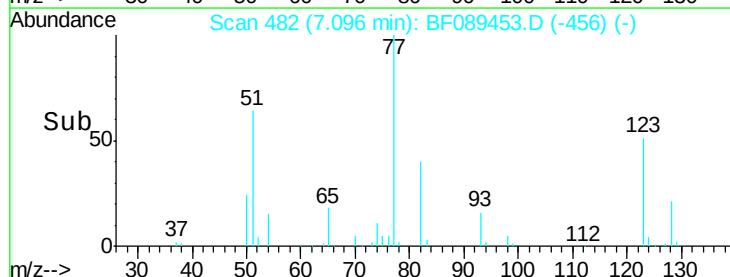
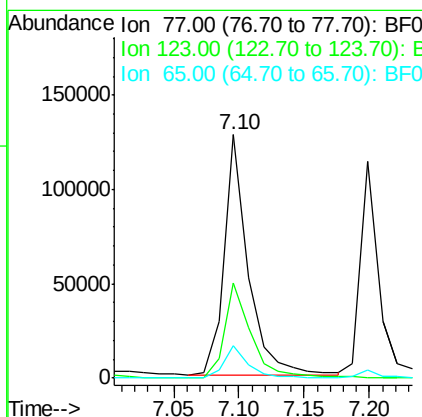
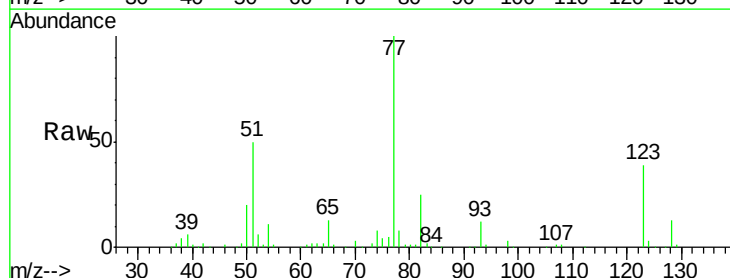
Manual Integrations
 APPROVED

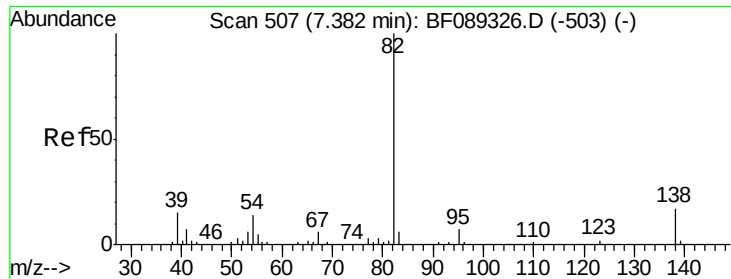
sohil
 8/1/2016 7:18:18 PM



#24
 Nitrobenzene
 Concen: 41.93 ng
 RT: 7.10 min Scan# 482
 Delta R.T. -0.00 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	161882		
123	39.3	37.2	55.8	
65	13.2	10.2	15.4	





#25

Isophorone

Concen: 46.14 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

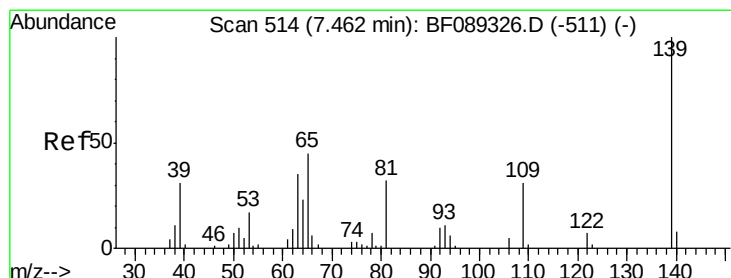
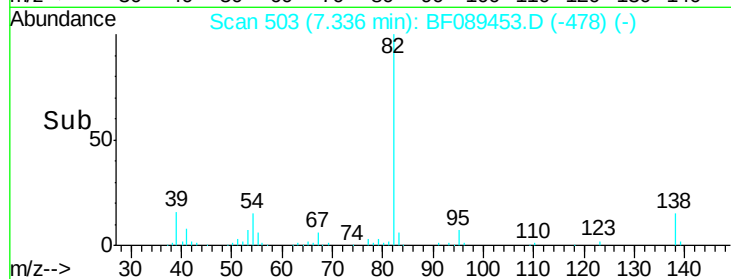
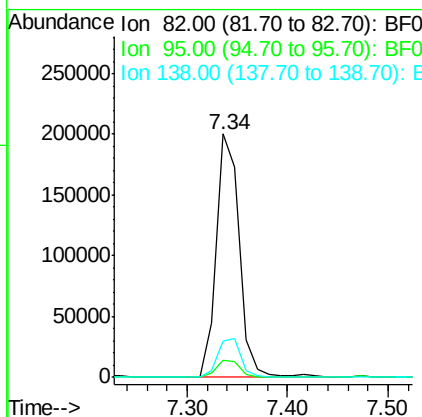
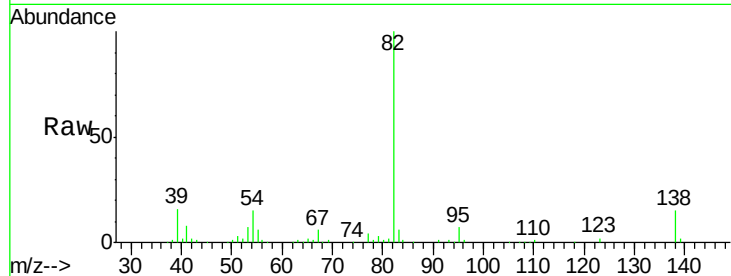
ClientSampled :

PB92568BS

Tot Ion:	82	Resp:	315297
Ion Ratio	Lower	Upper	
82	100		
95	7.1	6.0	9.0
138	15.0	13.3	19.9

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:18 PM



#26

2-Nitrophenol

Concen: 49.87 ng

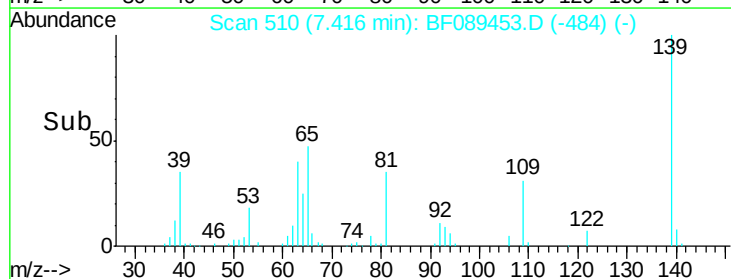
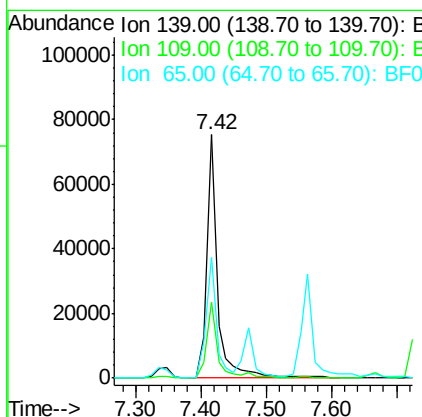
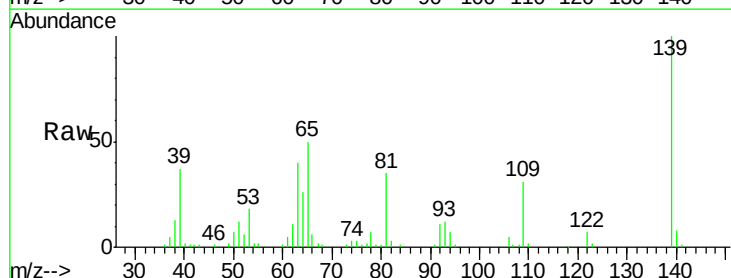
RT: 7.42 min Scan# 510

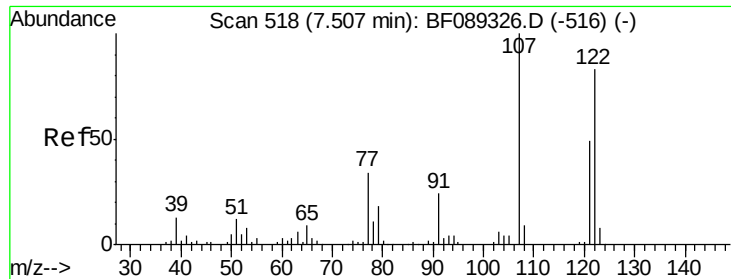
Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Tgt Ion:	139	Resp:	86080
Ion Ratio	Lower	Upper	
139	100		
109	31.1	25.8	38.8
65	49.7	35.2	52.8





#27

2,4-Dimethylphenol

Concen: 51.61 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

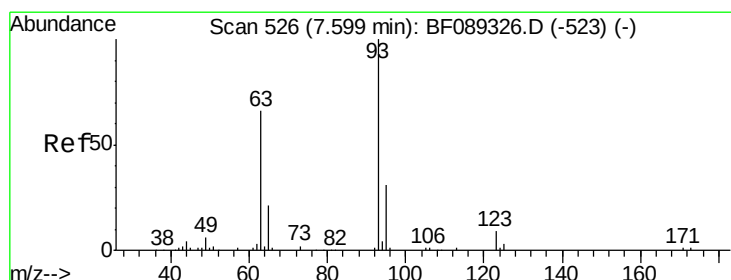
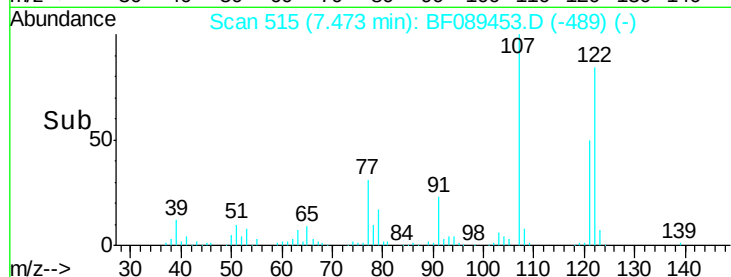
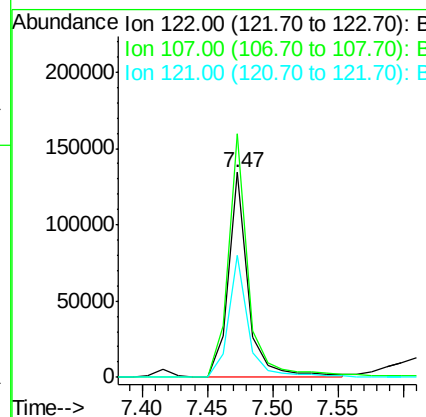
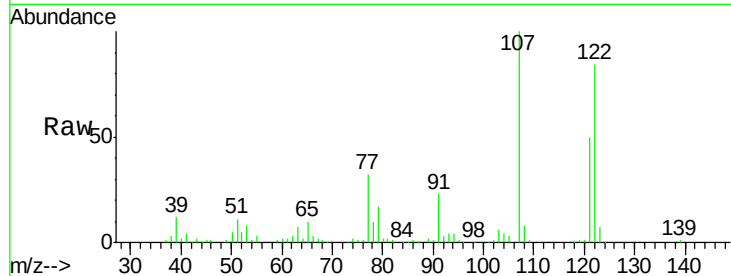
ClientSampleId :

PB92568BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	141931		
107	119.0	97.2	145.8	
121	59.8	48.8	73.2	

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:18 PM



#28

bis(2-Chloroethoxy)methane

Concen: 54.05 ng

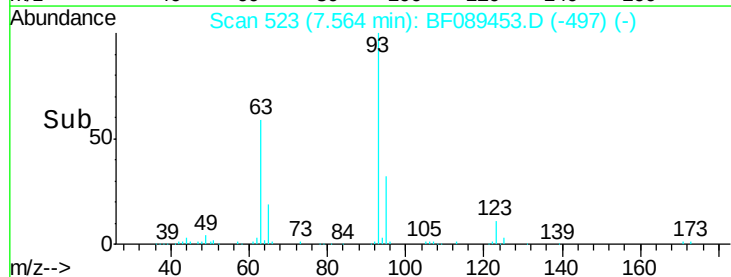
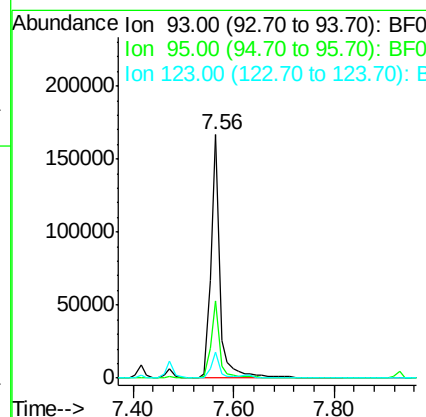
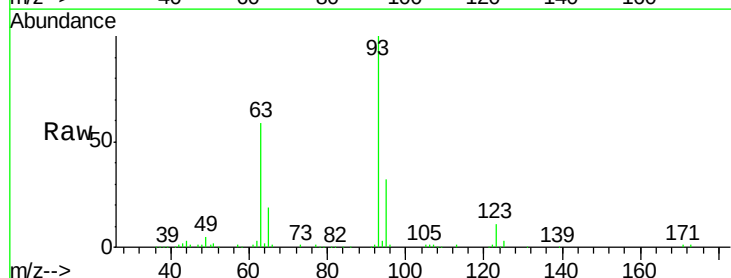
RT: 7.56 min Scan# 523

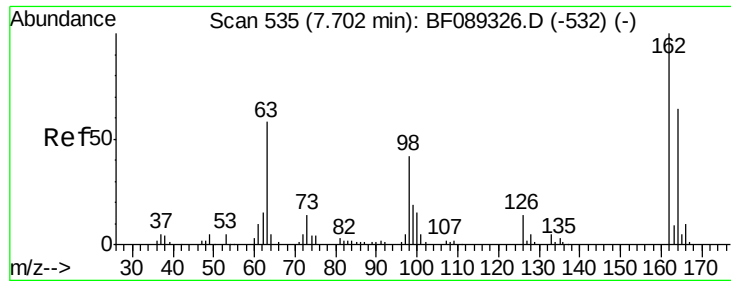
Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	204436		
95	31.7	24.7	37.1	
123	10.8	7.5	11.3	





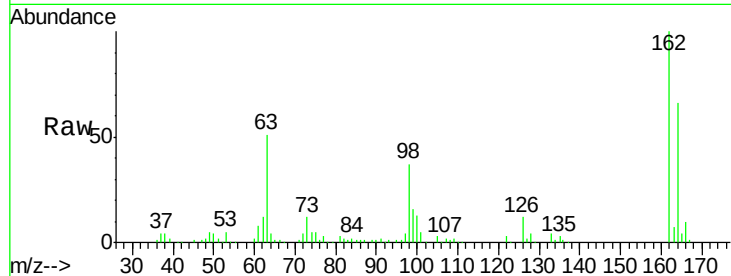
#29
2,4-Dichlorophenol
Concen: 51.45 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Instrument :
BNA_F
ClientSampleId :
PB92568BS

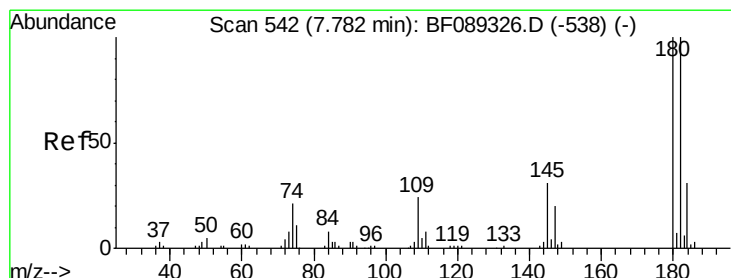
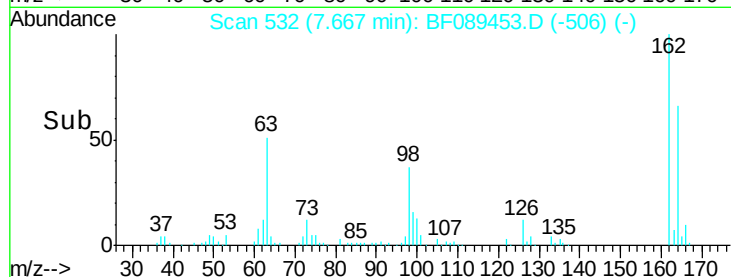
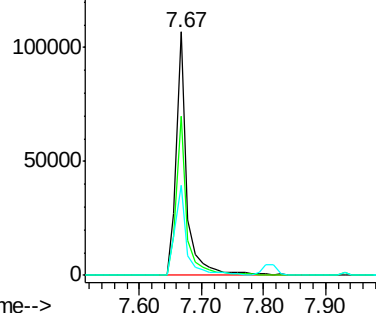
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.6	44.0	84.0
98	36.9	21.8	61.8

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:18 PM



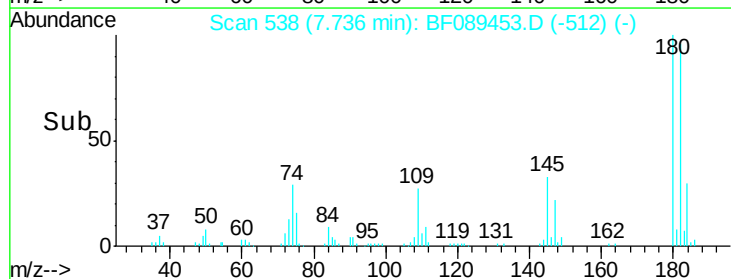
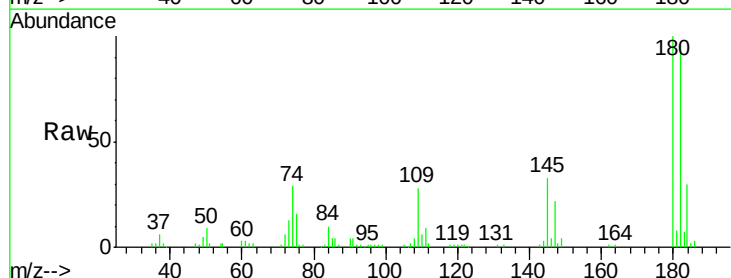
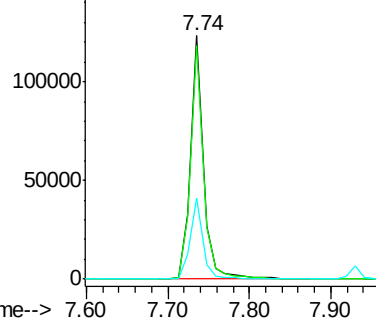
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

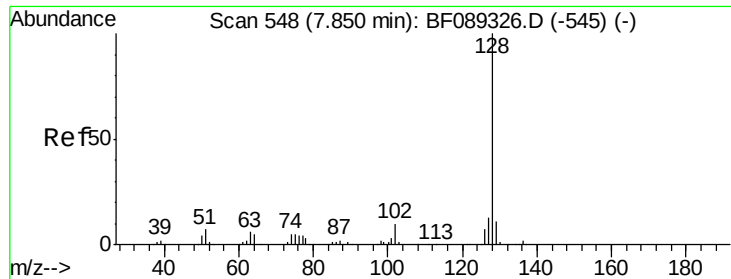


#30
1,2,4-Trichlorobenzene
Concen: 47.54 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.9	78.2	117.2
145	33.2	24.6	36.8

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





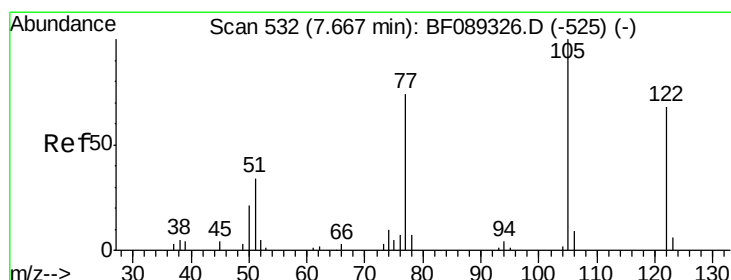
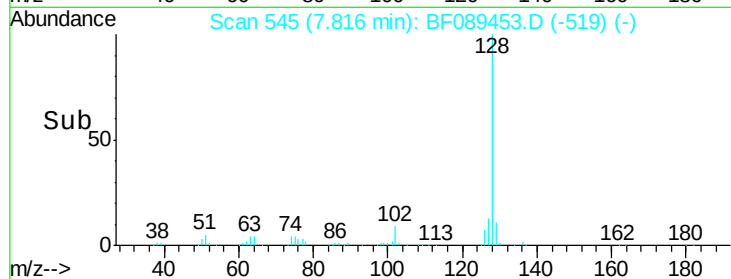
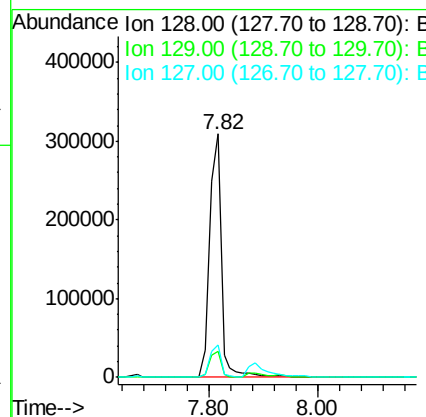
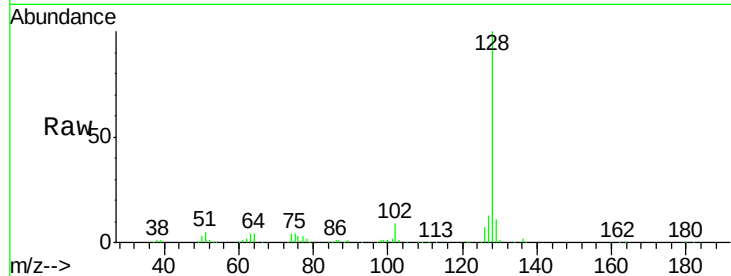
#31
Naphthalene
Concen: 46.39 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Instrument :
BNA_F
ClientSampleId :
PB92568BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	459985		
129	10.6		8.8	13.2
127	13.4		10.8	16.2

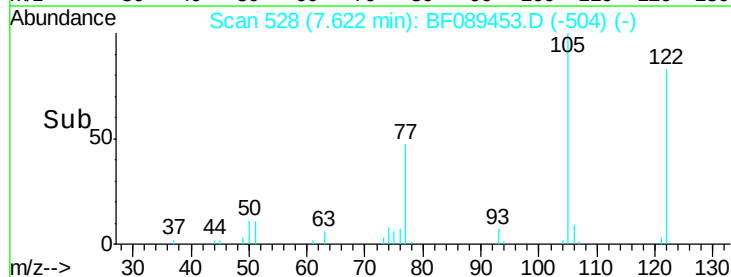
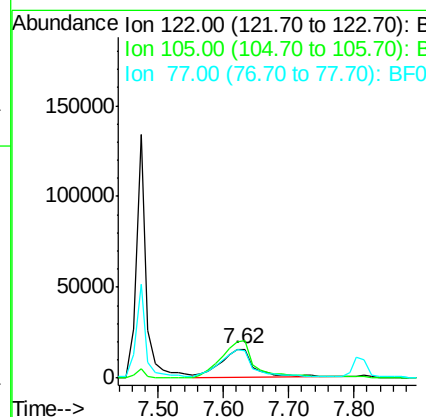
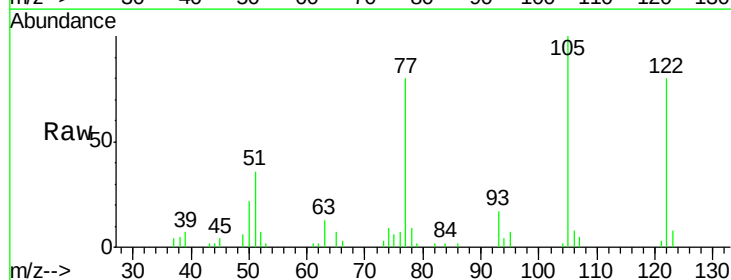
Manual Integrations
APPROVED

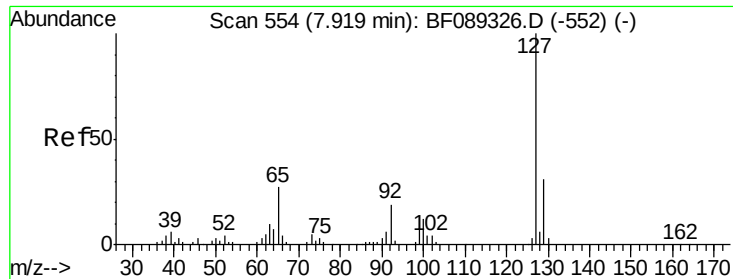
sohil
8/1/2016 7:18:18 PM



#32
Benzoic acid
Concen: 28.95 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	55472		
105	124.3		106.4	146.4
77	99.4		76.4	116.4





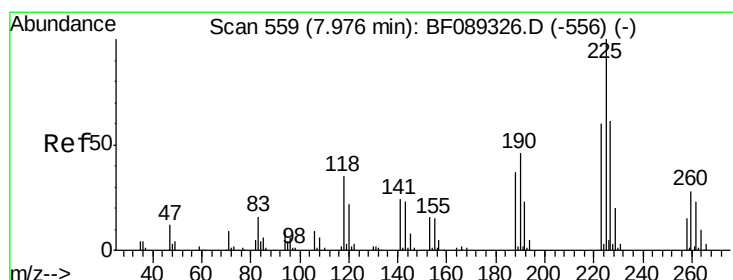
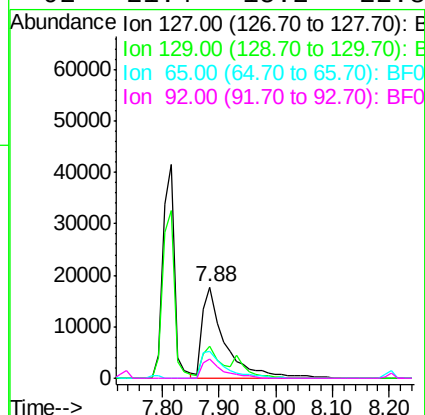
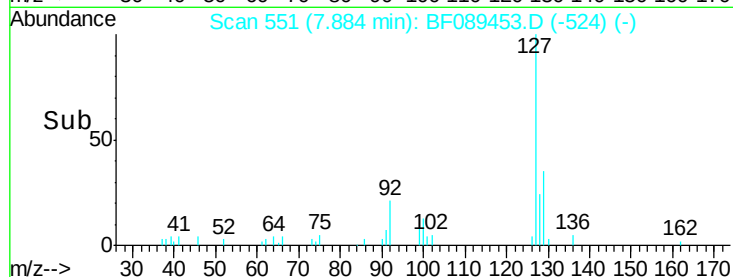
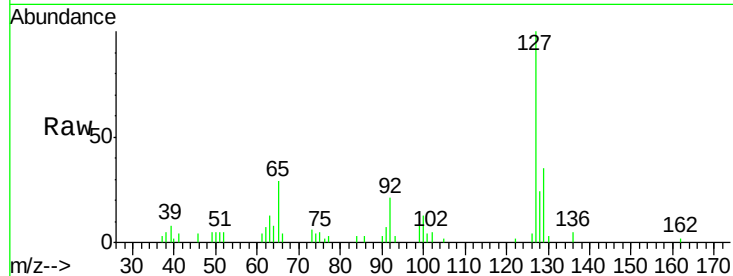
#33
4-Chloroaniline
Concen: 12.91 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Instrument :
BNA_F
ClientSampleId :
PB92568BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		48748		
129	34.5	26.1	39.1		
65	29.0	22.0	33.0		
92	21.4	15.2	22.8		

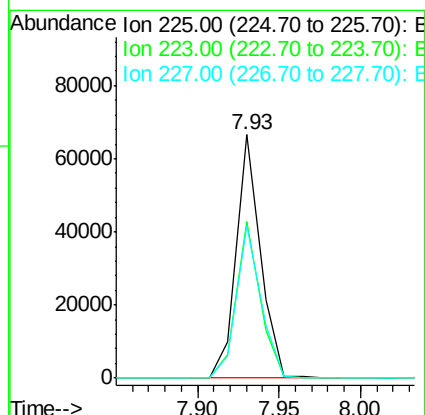
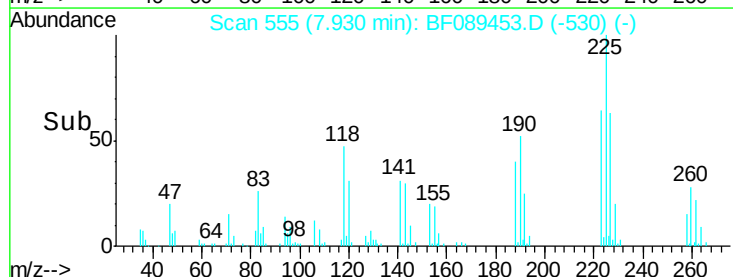
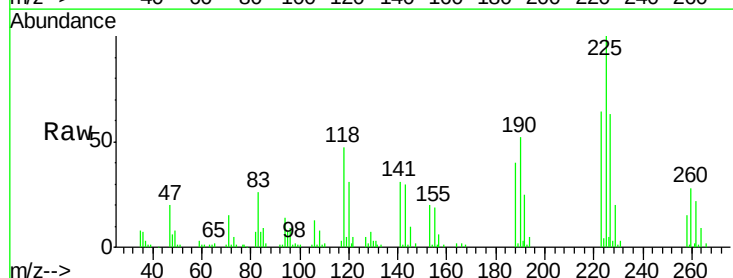
Manual Integrations
APPROVED

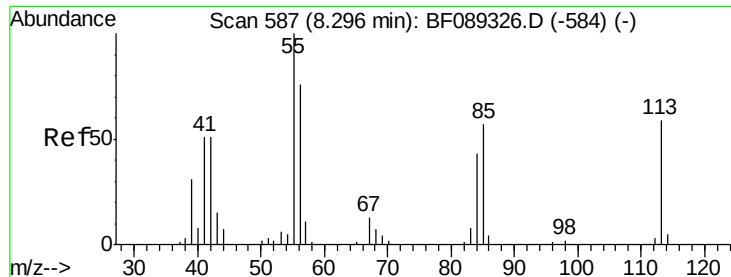
sohil
8/1/2016 7:18:18 PM



#34
Hexachlorobutadiene
Concen: 41.47 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		67902		
223	64.2	49.8	74.8		
227	62.9	49.4	74.2		





#35

Caprolactam

Concen: 50.52 ng/ml

RT: 8.26 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

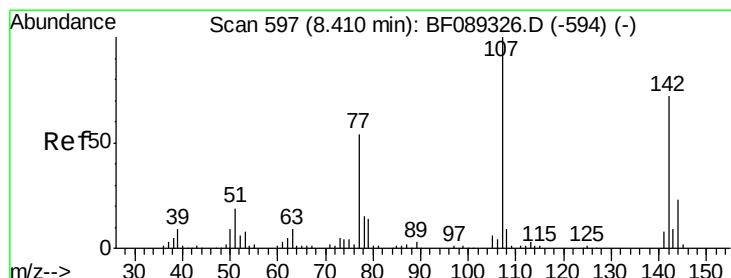
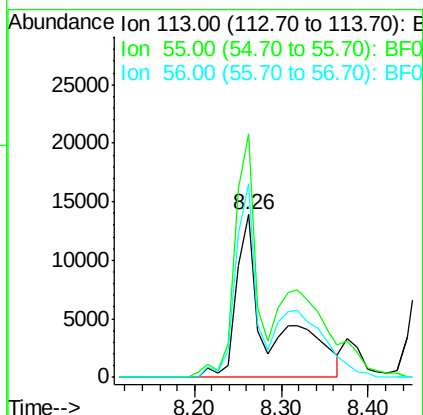
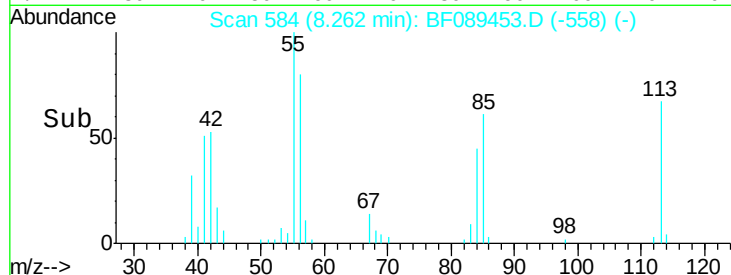
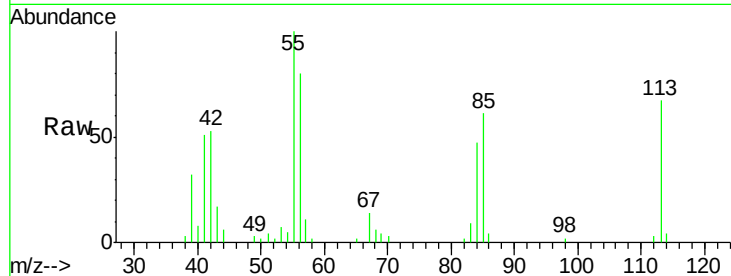
ClientSampled :

PB92568BS

Tot Ion:	113	Resp:	38206
Ion Ratio	Lower	Upper	
113	100		
55	149.9	142.3	182.3
56	119.4	105.8	145.8

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:18 PM



#36

4-Chloro-3-methylphenol

Concen: 49.36 ng/ml

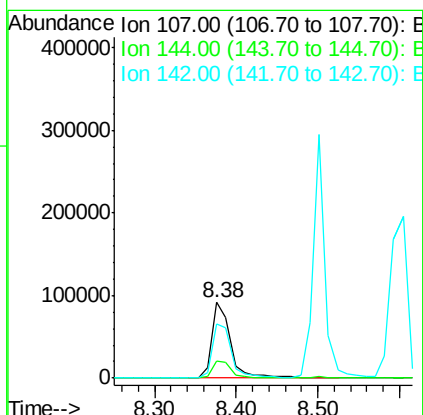
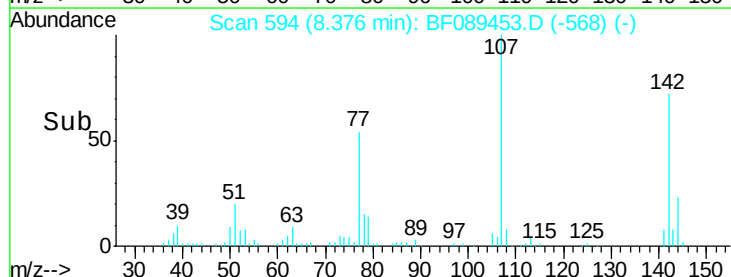
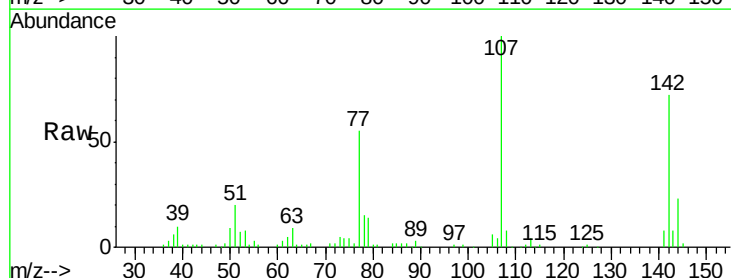
RT: 8.38 min Scan# 594

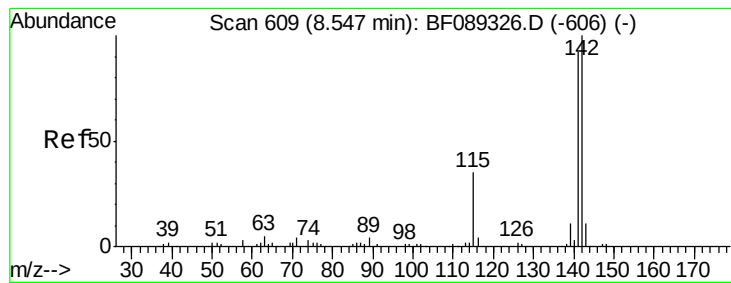
Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Tgt Ion:	107	Resp:	146994
Ion Ratio	Lower	Upper	
107	100		
144	22.8	18.4	27.6
142	72.0	58.6	87.8





#37

2-Methylnaphthalene

Concen: 49.90 ng

RT: 8.50 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

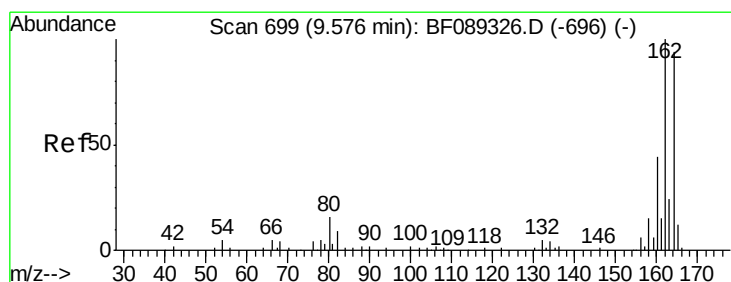
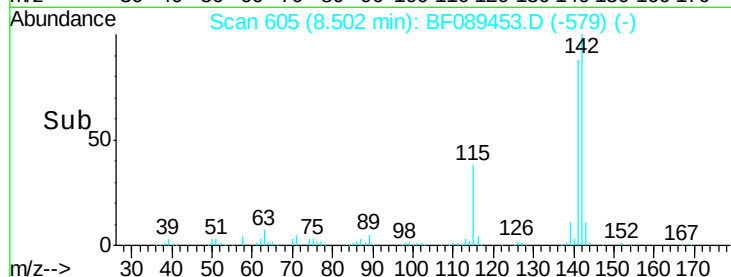
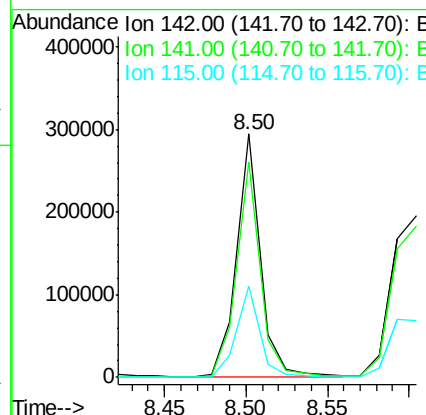
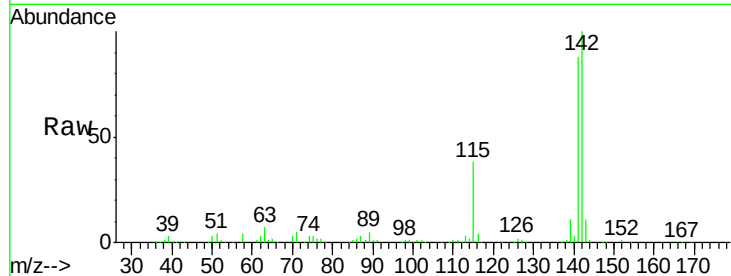
ClientSampleId :

PB92568BS

Tot Ion:	142	Resp:	298117
Ion Ratio	Lower	Upper	
142	100		
141	88.3	70.9	106.3
115	37.5	27.6	41.4

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:18 PM



#38

Acenaphthene-d10

Concen: 20.00 ng

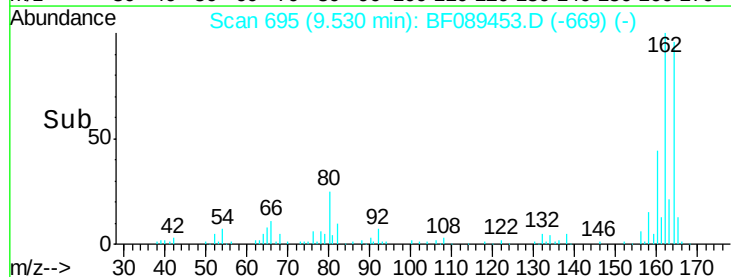
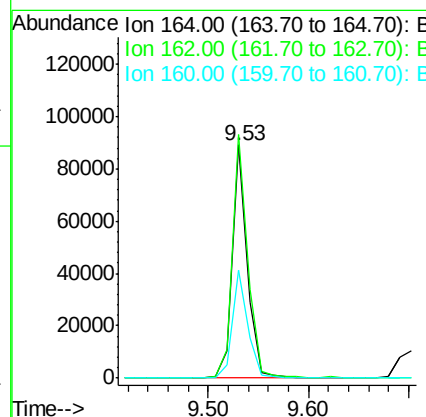
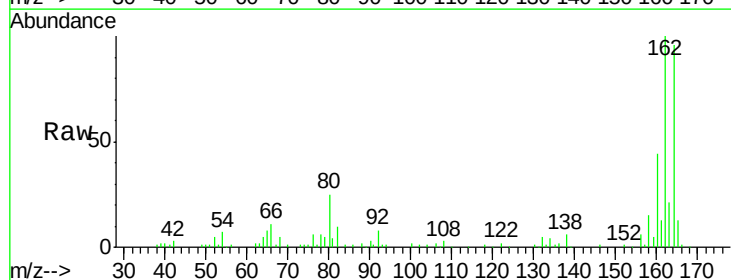
RT: 9.53 min Scan# 695

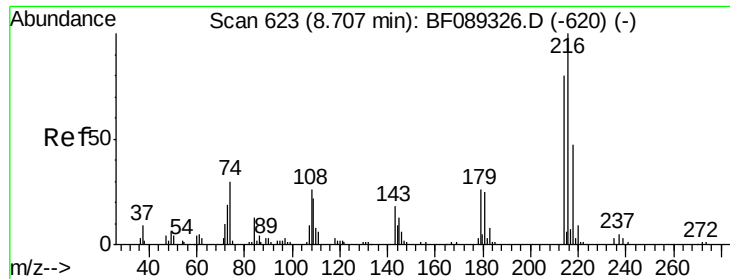
Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Tgt Ion:	164	Resp:	91481
Ion Ratio	Lower	Upper	
164	100		
162	104.6	83.7	125.5
160	46.4	37.8	56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.46 ng

RT: 8.67 min Scan# 620

Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

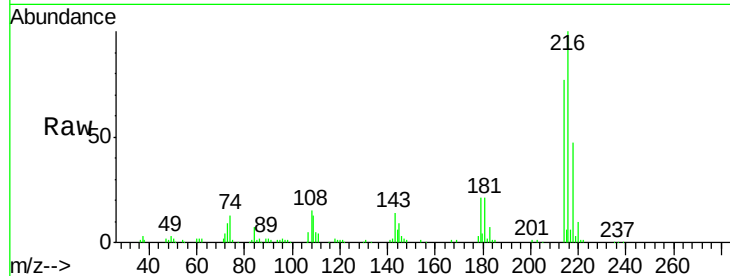
ClientSampleId :

PB92568BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		123132		
214	77.7	63.3	94.9		
179	21.9	18.1	27.1		
108	21.5	17.2	25.8		

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:18 PM

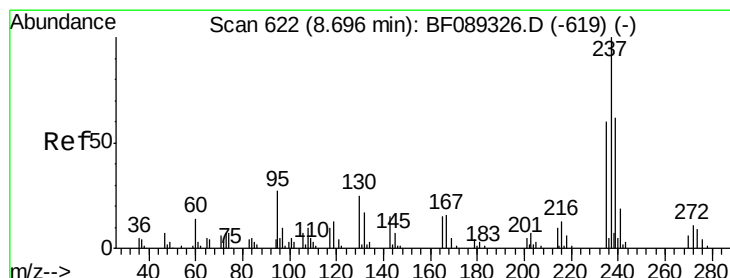
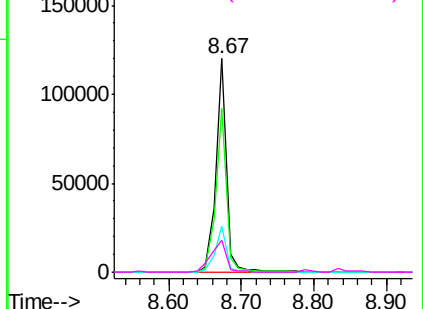
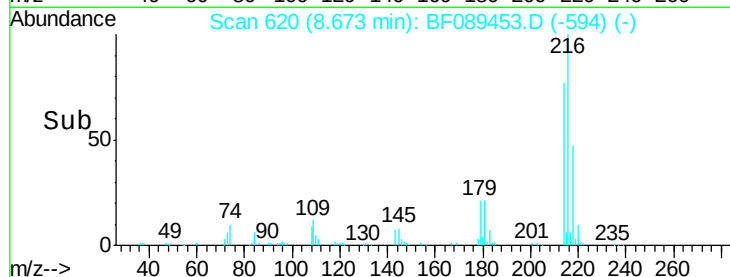


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 95.64 ng

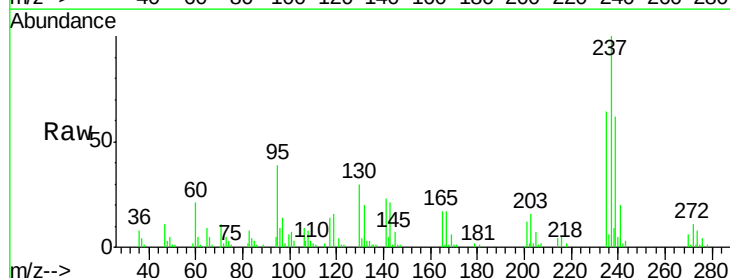
RT: 8.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

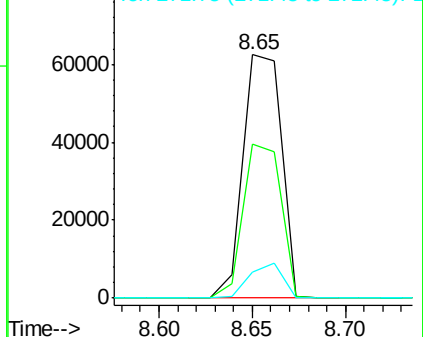
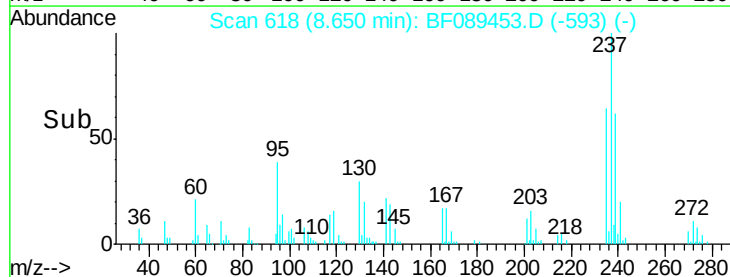
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		89067		
235	63.5	41.6	81.6		
272	10.6	0.0	30.8		

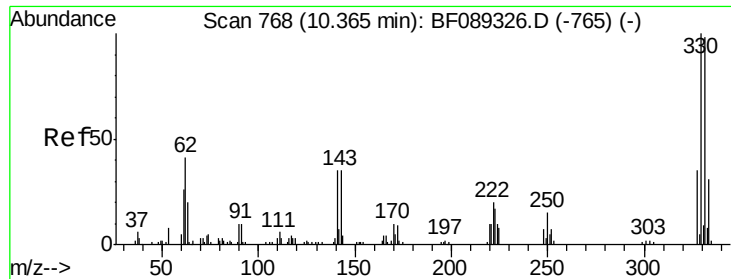


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





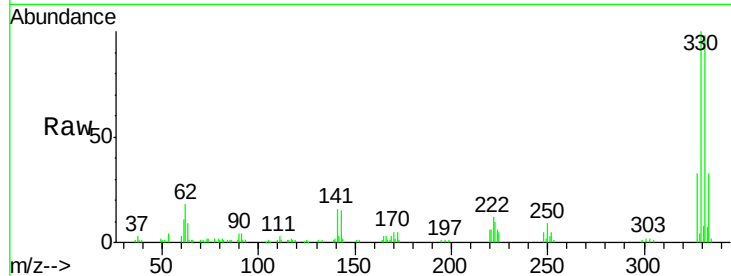
#41
 2,4,6-Tribromophenol
 Concen: 137.79 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Instrument :
 BNA_F
 ClientSampled :
 PB92568BS

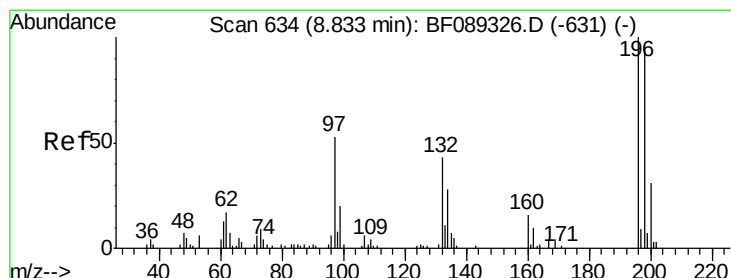
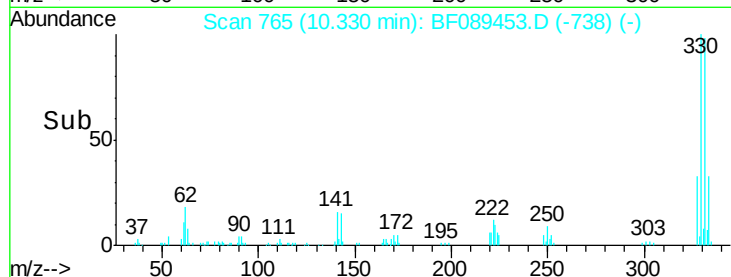
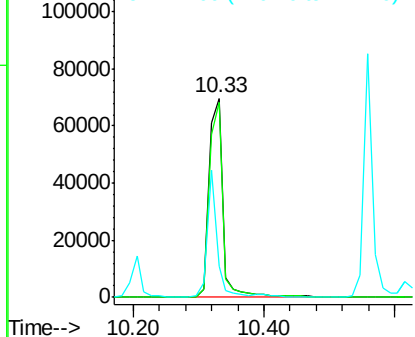
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	76.8	115.2	
141	43.9	37.3	55.9	

Manual Integrations
 APPROVED

sohil
 8/1/2016 7:18:18 PM

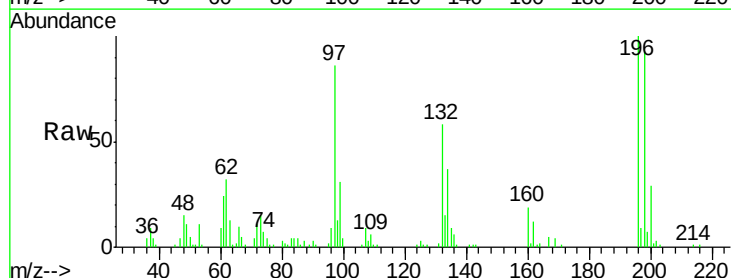


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

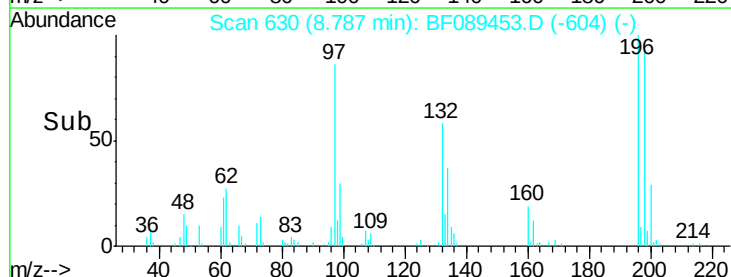
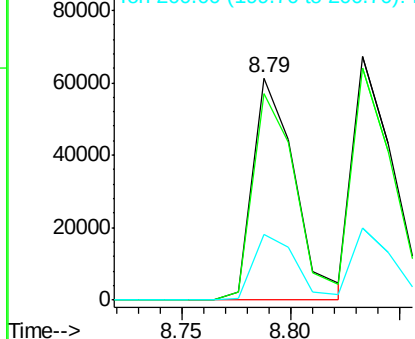


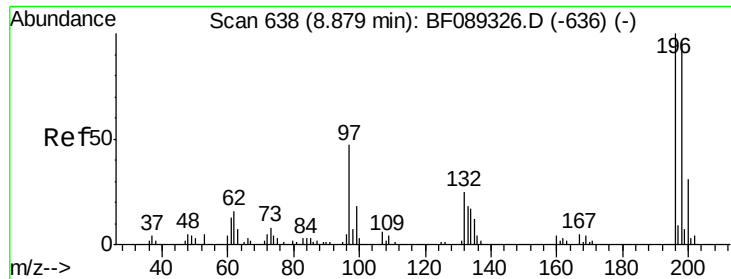
#42
 2,4,6-Trichlorophenol
 Concen: 54.21 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.7	75.5	113.3	
200	29.3	23.9	35.9	



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





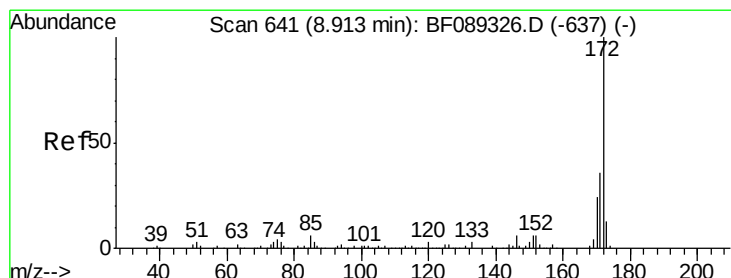
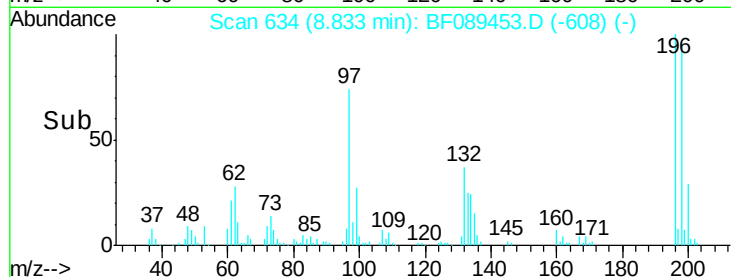
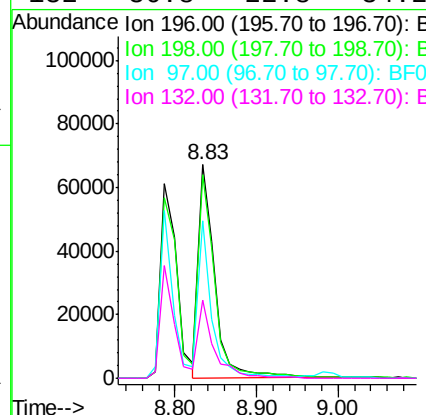
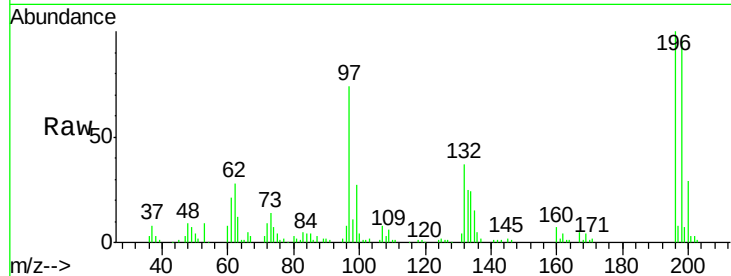
#43
 2,4,5-Trichlorophenol
 Concen: 48.47 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB92568BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	78.7	118.1
97	73.8	39.7	59.5#
132	36.8	22.8	34.2#

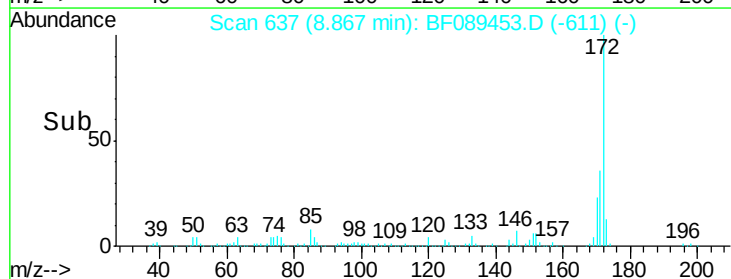
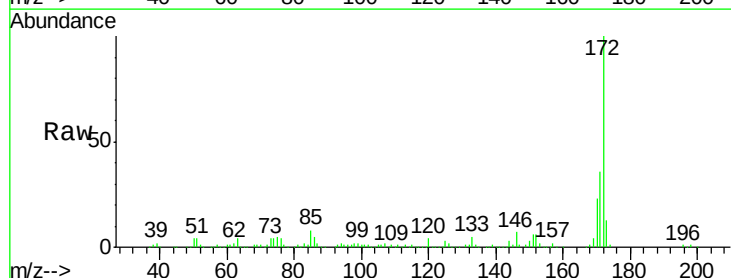
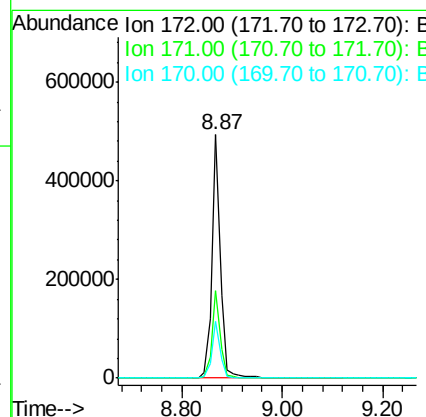
Manual Integrations
 APPROVED

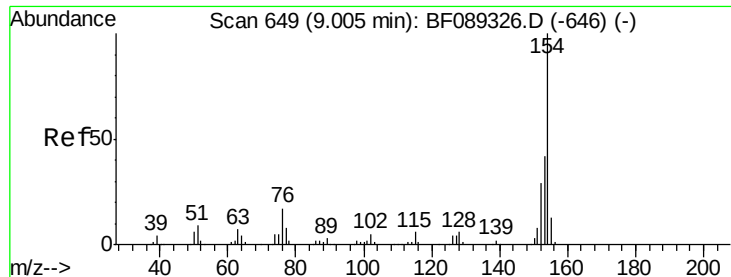
sohil
 8/1/2016 7:18:18 PM



#44
 2-Fluorobiphenyl
 Concen: 93.26 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	23.4	19.2	28.8





#45

1,1'-Biphenyl

Concen: 44.35 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

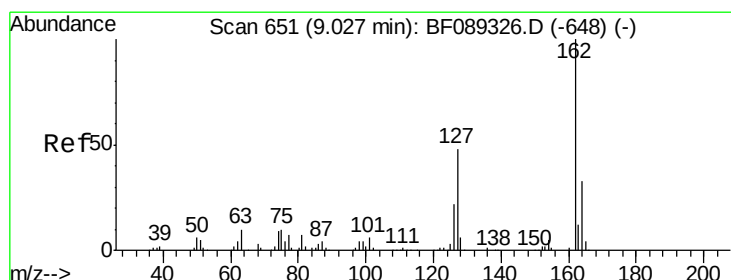
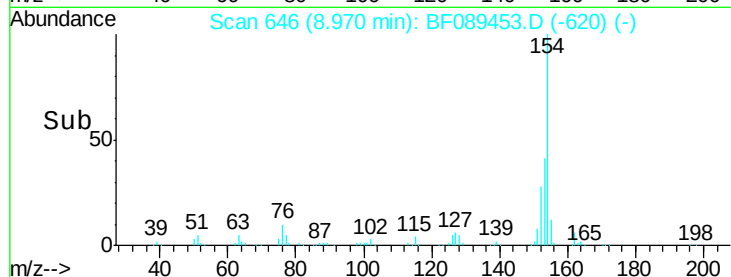
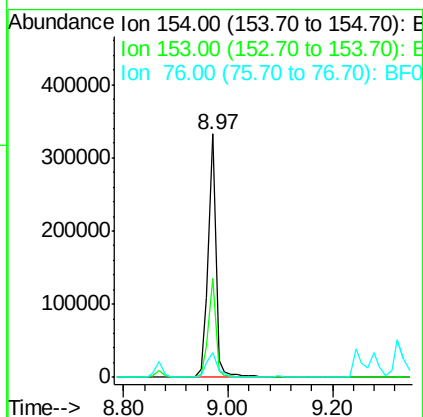
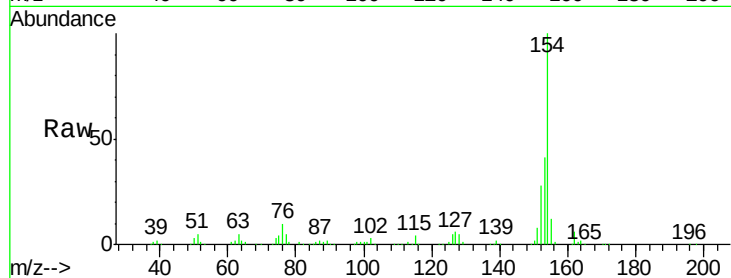
ClientSampleId :

PB92568BS

Tot Ion:	154	Resp:	345426
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.0	61.0
76	10.3	0.0	36.6

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:18 PM



#46

2-Chloronaphthalene

Concen: 47.76 ng

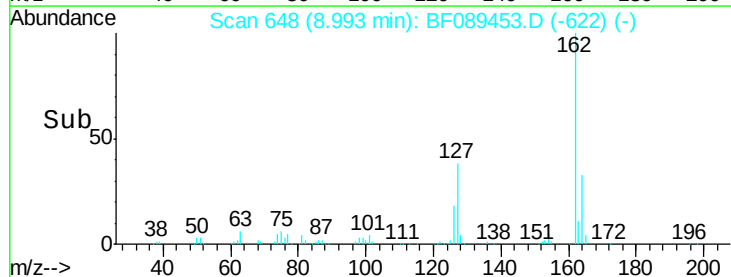
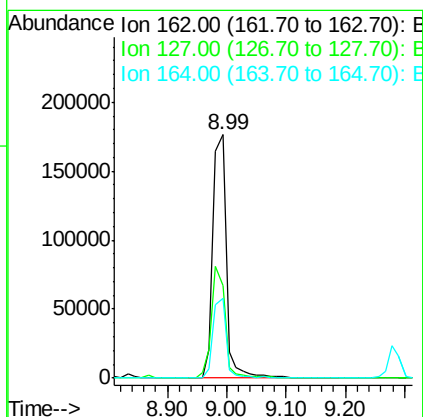
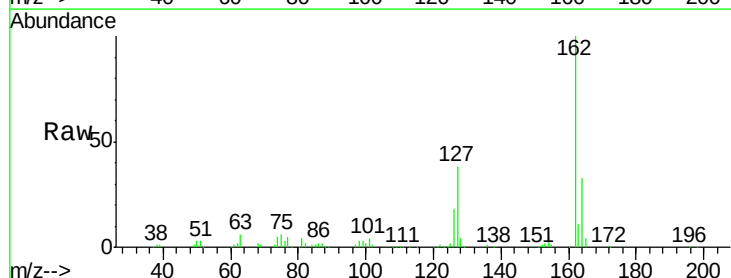
RT: 8.99 min Scan# 648

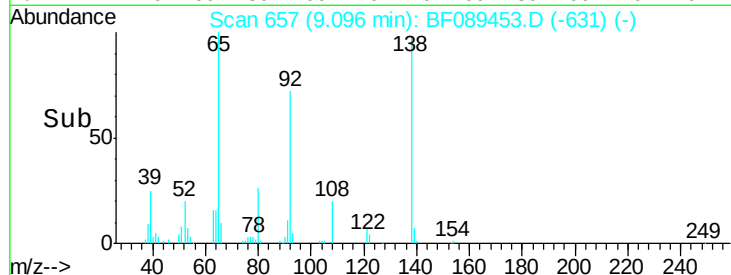
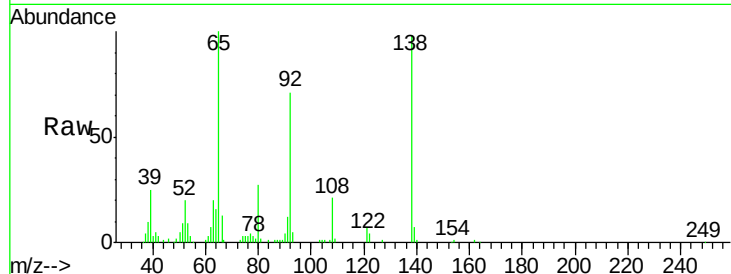
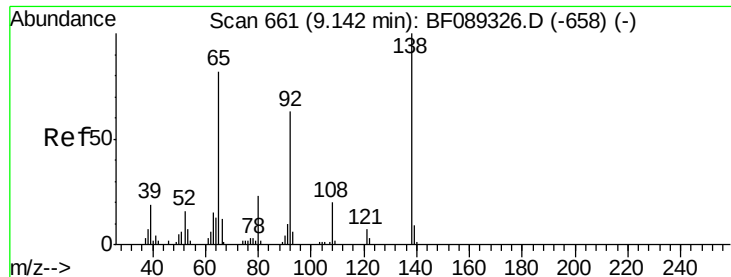
Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Tgt Ion:	162	Resp:	279367
Ion Ratio	Lower	Upper	
162	100		
127	38.1	37.8	56.8
164	33.0	25.8	38.8





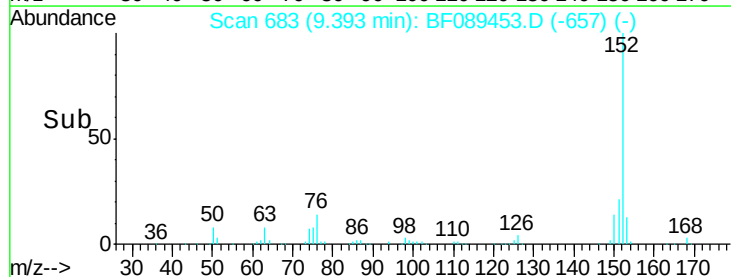
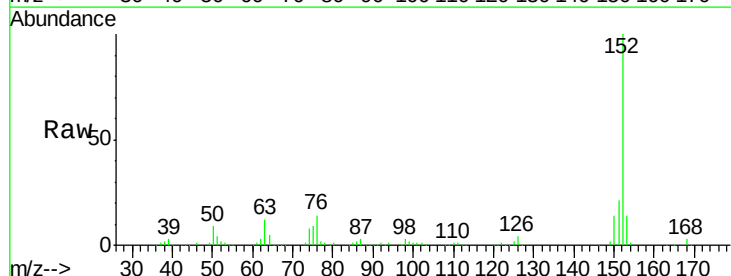
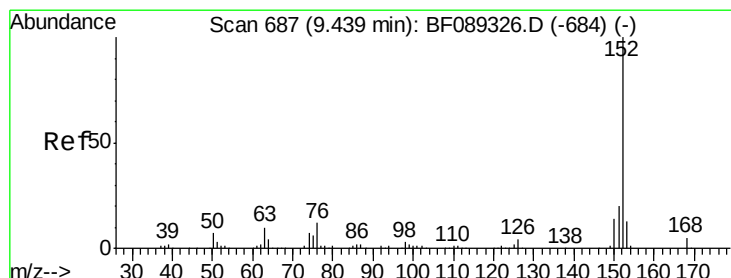
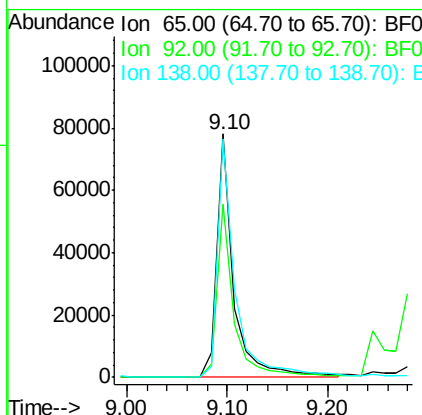
#47
2-Nitroaniline
Concen: 52.50 ng
RT: 9.10 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tot Ion	Ratio	Resp	Lower	Upper
65	100	90940		
92	71.1	61.0	91.4	
138	97.8	99.1	148.7	

Instrument :
BNA_F
ClientSampled :
PB92568BS

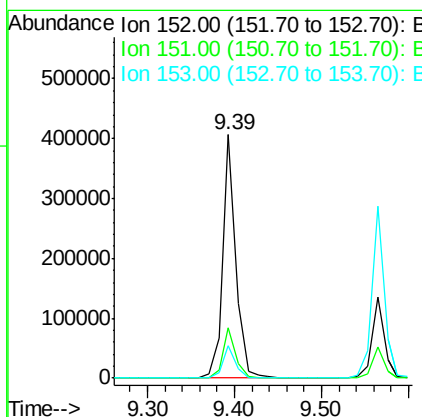
Manual Integrations
APPROVED

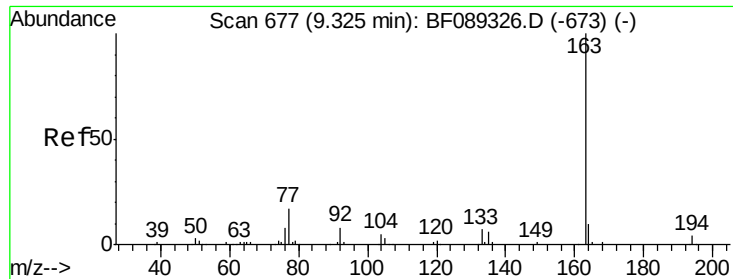
sohil
8/1/2016 7:18:18 PM



#48
Acenaphthylene
Concen: 46.94 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	432489		
151	20.5	16.2	24.2	
153	13.6	10.2	15.4	





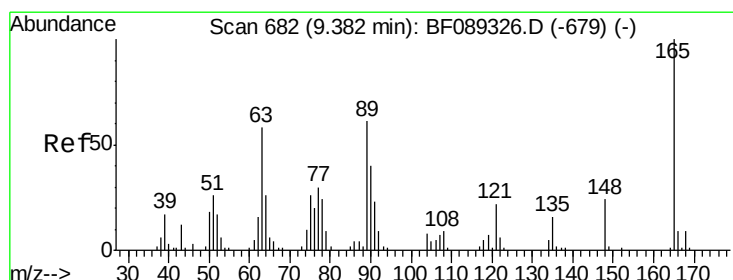
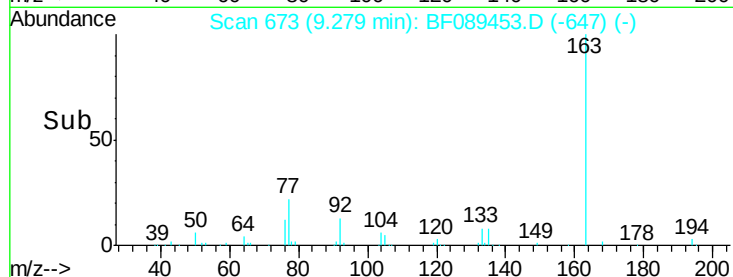
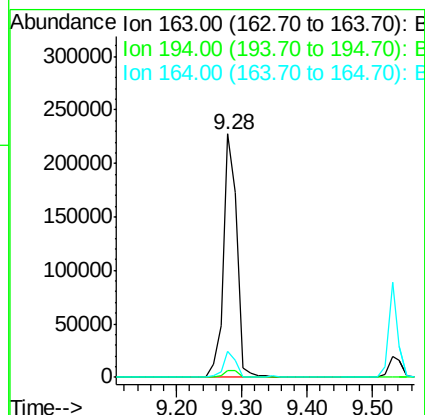
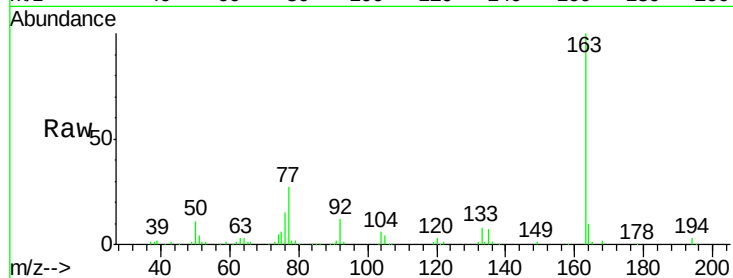
#49
Dimethylphthalate
Concen: 47.25 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Instrument :
BNA_F
ClientSampleId :
PB92568BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	328991		
194	3.0		2.8	4.2
164	10.5		7.8	11.8

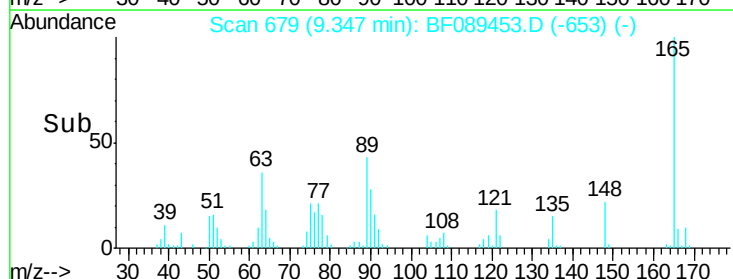
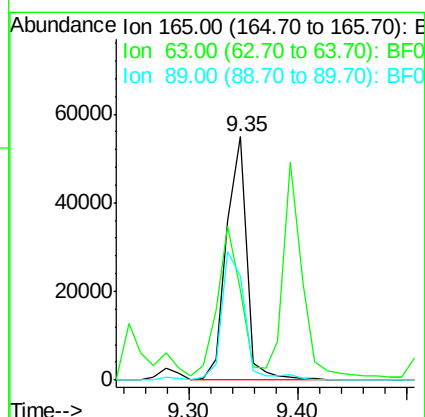
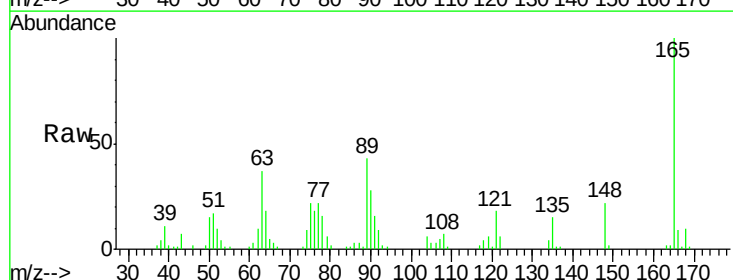
Manual Integrations
APPROVED

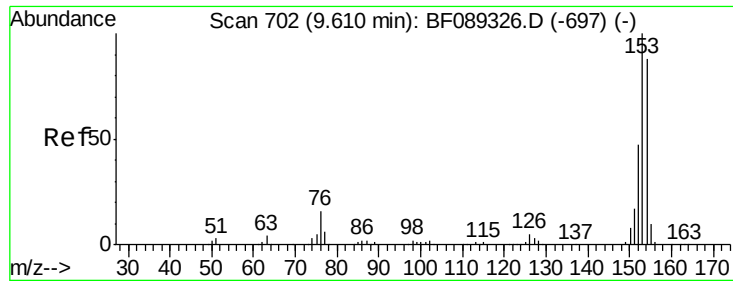
sohil
8/1/2016 7:18:18 PM



#50
2,6-Dinitrotoluene
Concen: 49.86 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	71325		
63	36.9		43.5	65.3#
89	42.8		45.0	67.4#





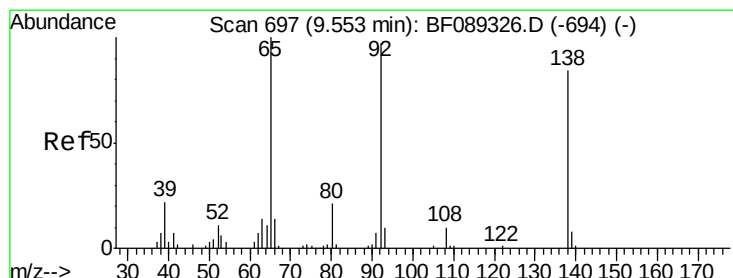
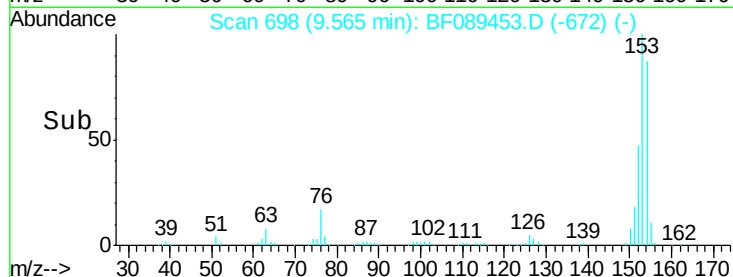
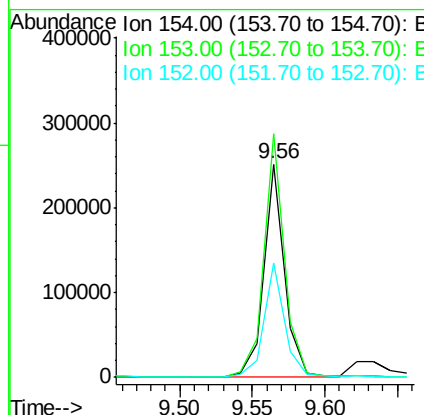
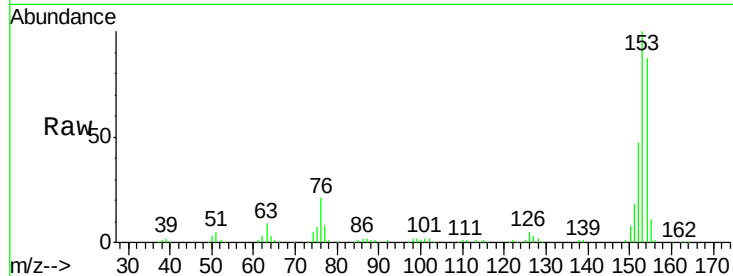
#51
Acenaphthene
Concen: 46.15 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Instrument :
BNA_F
ClientSampleId :
PB92568BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.4	137.2
152	53.5	43.8	65.6

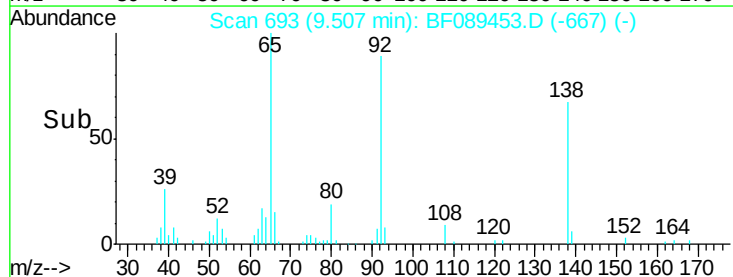
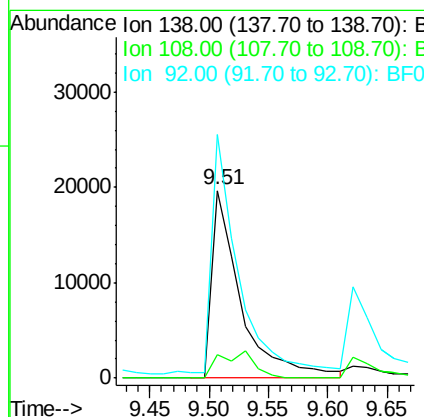
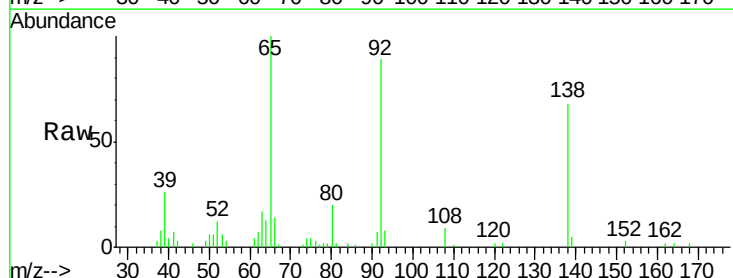
Manual Integrations
APPROVED

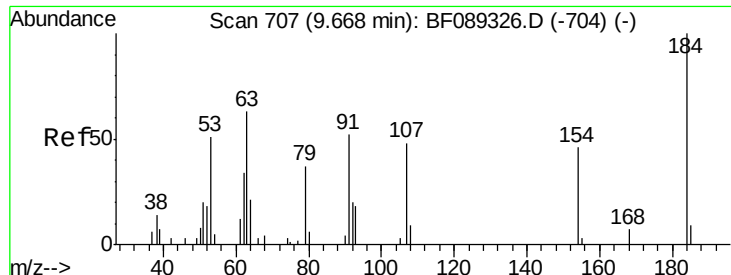
sohil
8/1/2016 7:18:18 PM



#52
3-Nitroaniline
Concen: 22.16 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.6	8.6	13.0
92	129.8	90.0	135.0





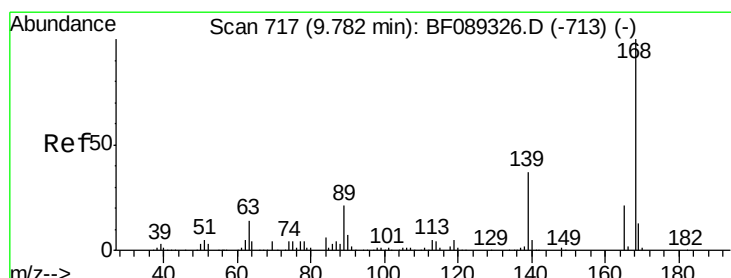
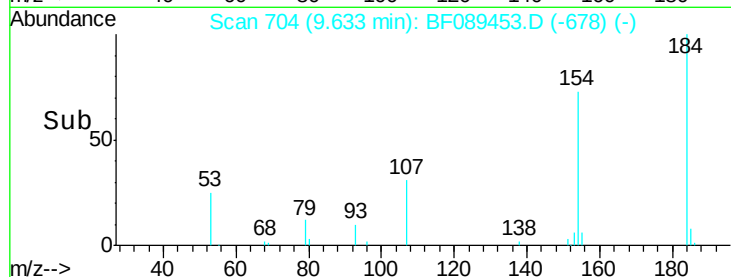
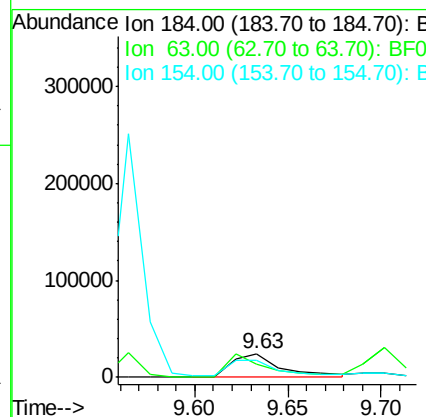
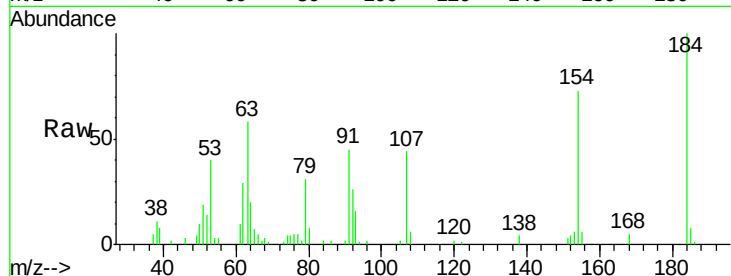
#53
 2,4-Dinitrophenol
 Concen: 72.23 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB92568BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.9	60.6	90.8#
154	72.8	69.8	104.8

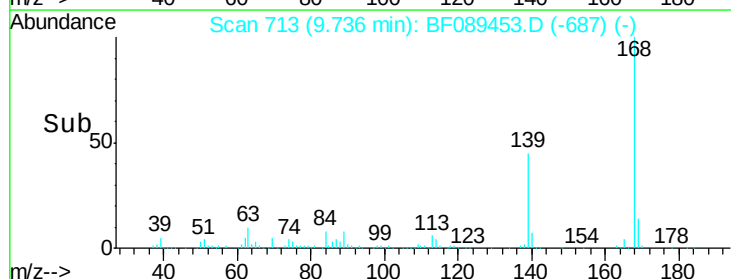
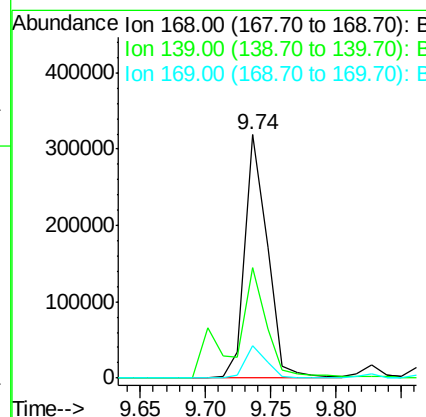
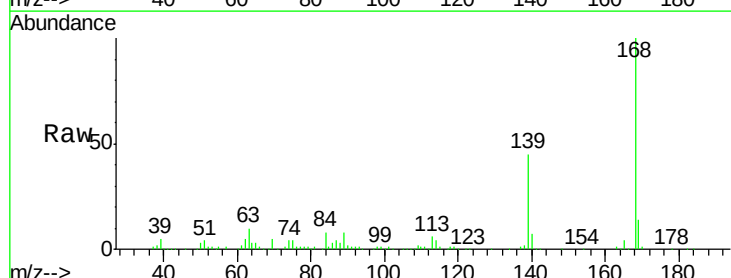
Manual Integrations
 APPROVED

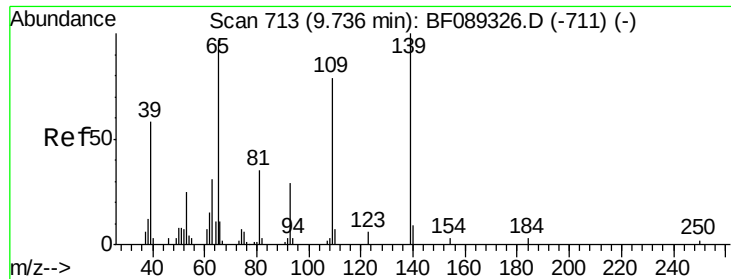
sohil
 8/1/2016 7:18:18 PM



#54
 Dibenzofuran
 Concen: 51.88 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Tgt Ion	Ratio	Lower	Upper
168	100		
139	45.2	33.7	50.5
169	13.5	10.7	16.1





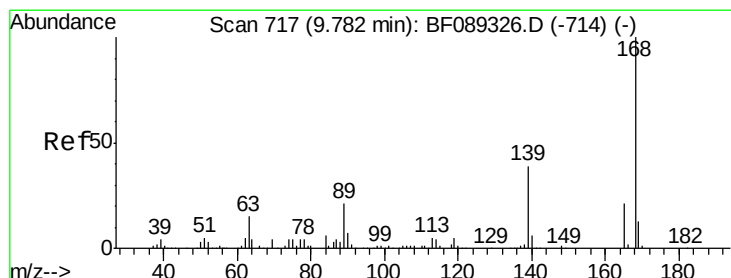
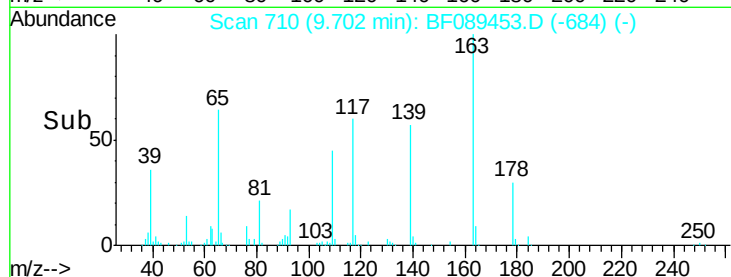
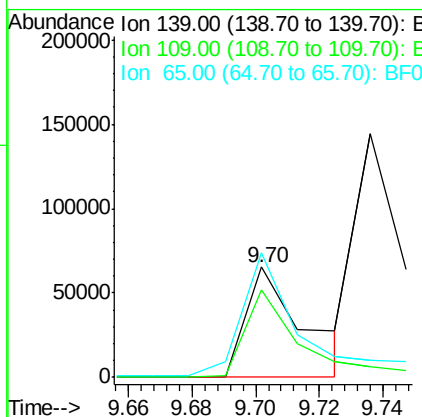
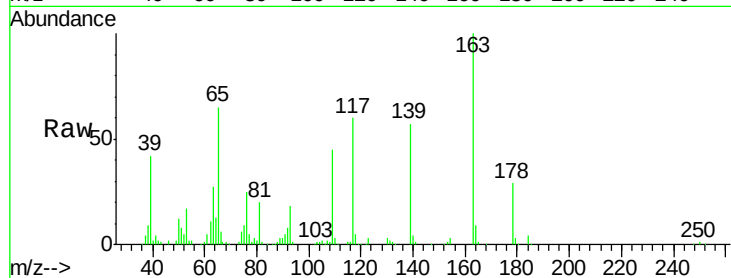
#55
4-Nitrophenol
Concen: 110.80 ng/mL
RT: 9.70 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Instrument :
BNA_F
ClientSampleID :
PB92568BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	79.1	57.8	97.8
65	113.8	81.7	121.7

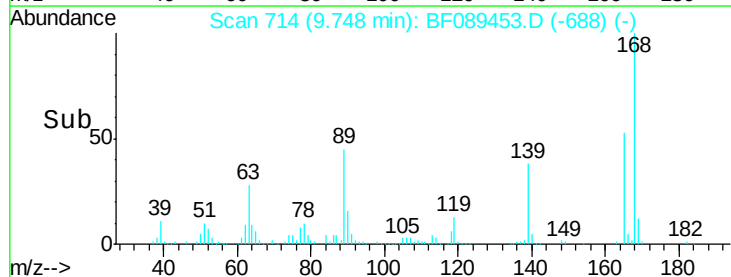
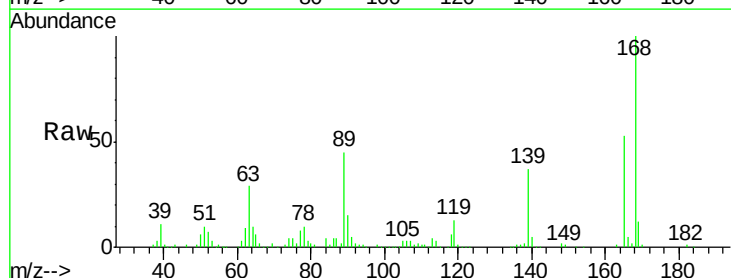
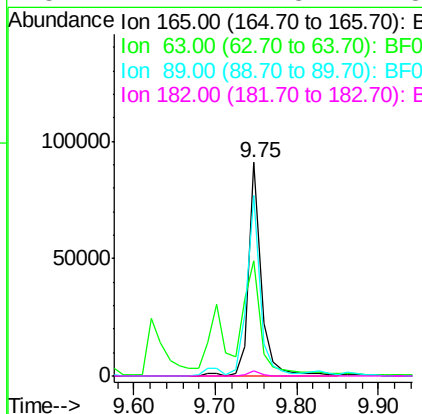
Manual Integrations
APPROVED

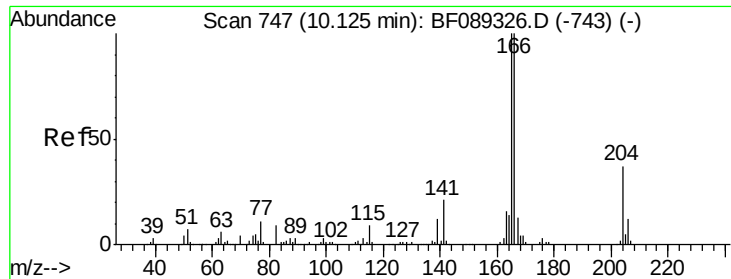
sohil
8/1/2016 7:18:18 PM



#56
2,4-Dinitrotoluene
Concen: 52.21 ng/mL
RT: 9.75 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.8	58.2	87.2#
89	84.6	79.1	118.7
182	2.7	1.8	2.8





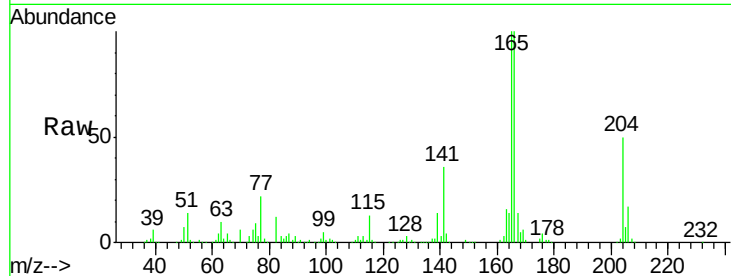
#57
 Fluorene
 Concen: 47.41 ng
 RT: 10.08 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB92568BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.6	79.0	118.4	
167	13.6	10.2	15.2	

Manual Integrations
 APPROVED

sohil
 8/1/2016 7:18:18 PM

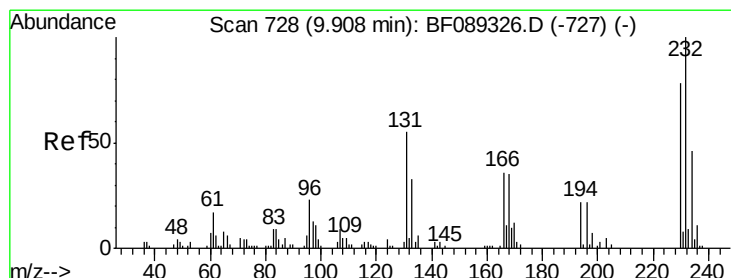
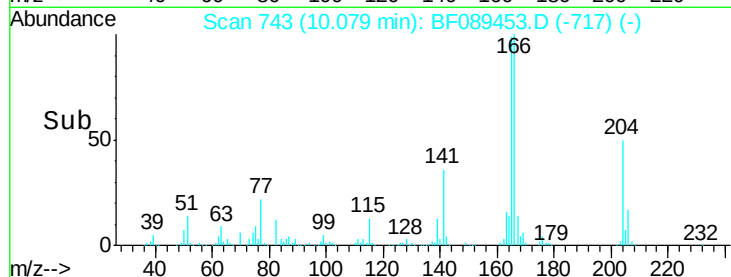
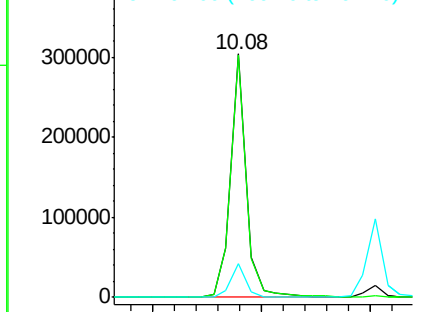


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.83 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.00 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	51.1	42.7	64.1	
130	2.4	1.7	2.5	
166	32.1	25.7	38.5	

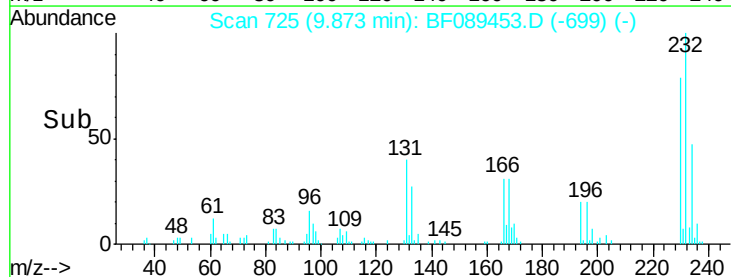
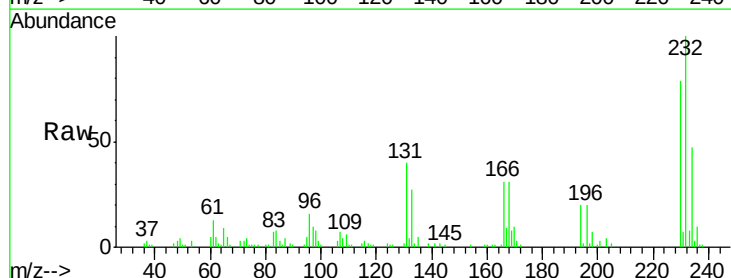
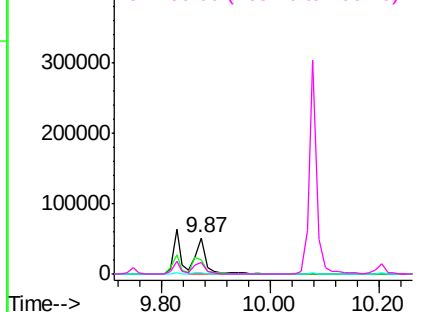
Abundance

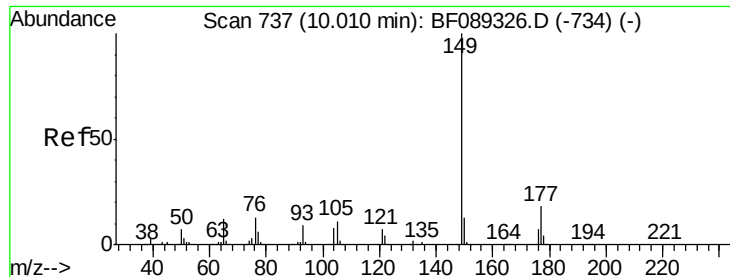
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





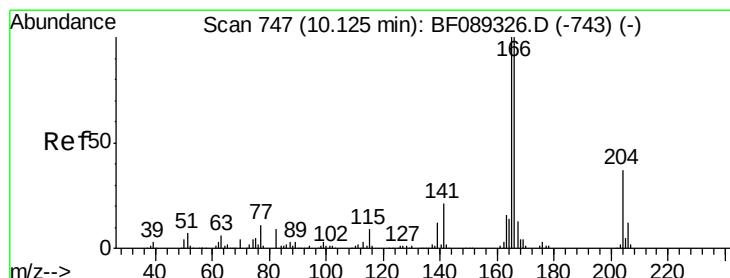
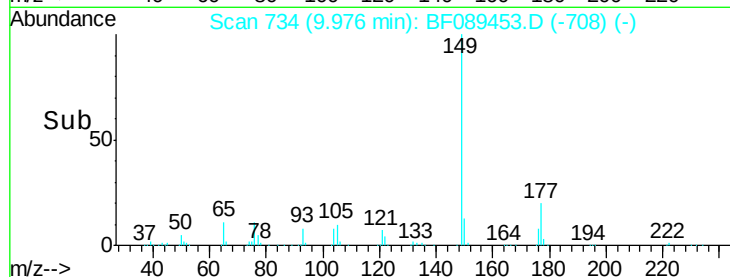
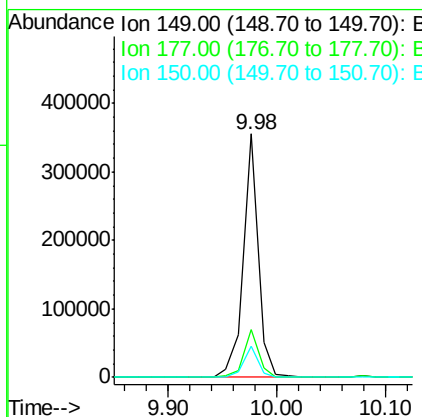
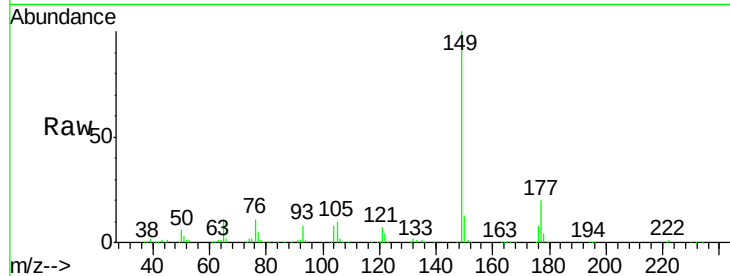
#59
Diethylphthalate
Concen: 47.80 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Instrument :
BNA_F
ClientSampleId :
PB92568BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	19.6	15.1	22.7
150	12.6	10.2	15.4

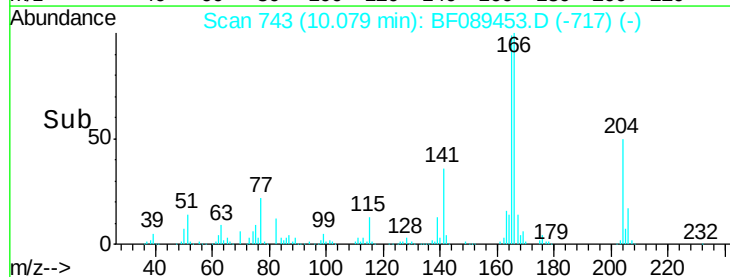
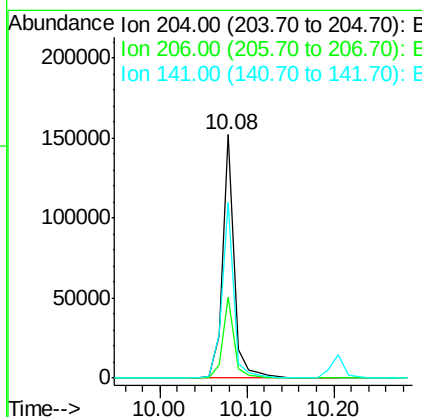
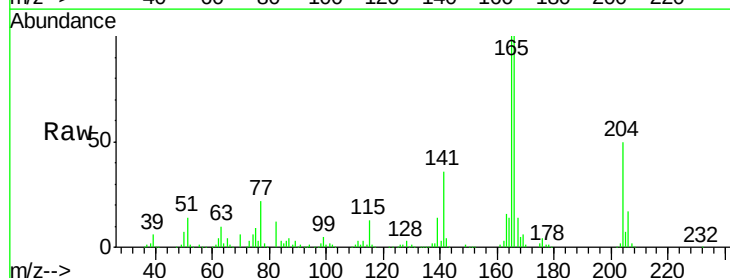
Manual Integrations
APPROVED

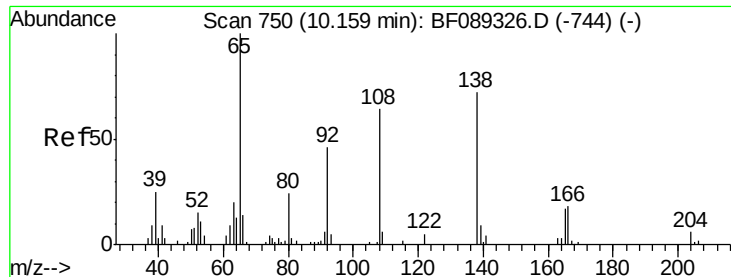
sohil
8/1/2016 7:18:18 PM



#60
4-Chlorophenyl-phenylether
Concen: 49.16 ng
RT: 10.08 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	39.8
141	72.1	46.6	70.0





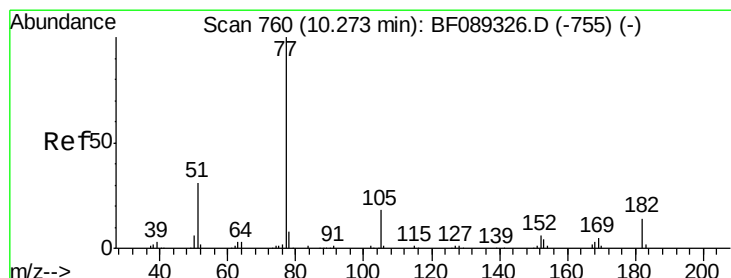
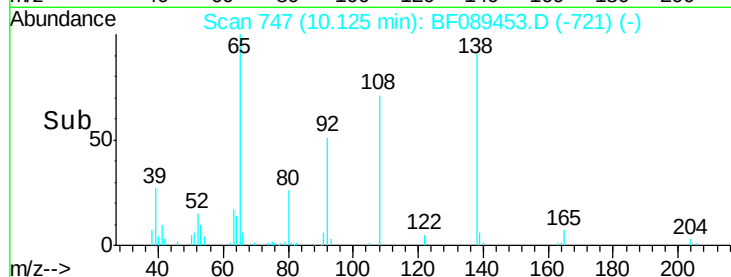
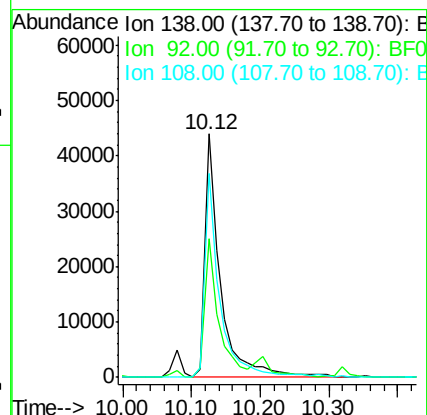
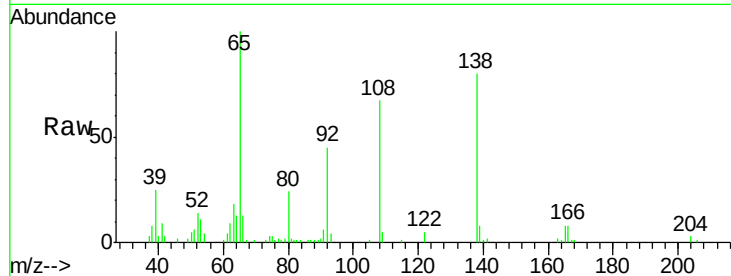
#61
4-Nitroaniline
Concen: 43.67 ng
RT: 10.12 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Instrument :
BNA_F
ClientSampleId :
PB92568BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.9	41.2	81.2
108	83.7	69.6	109.6

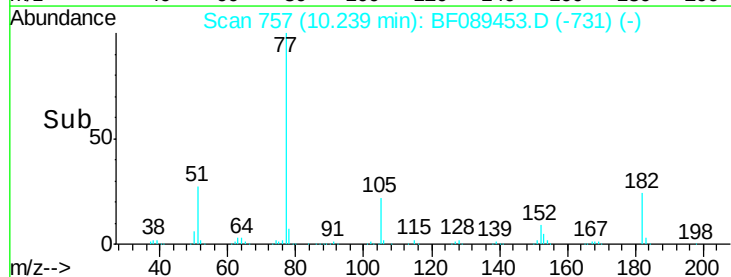
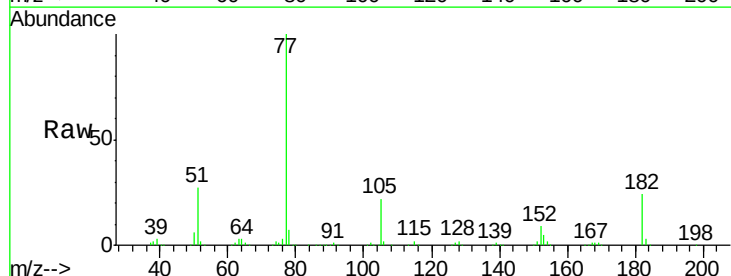
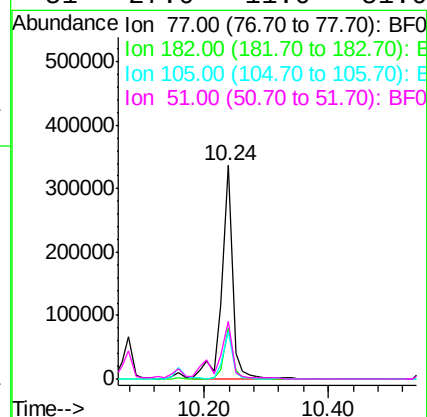
Manual Integrations
APPROVED

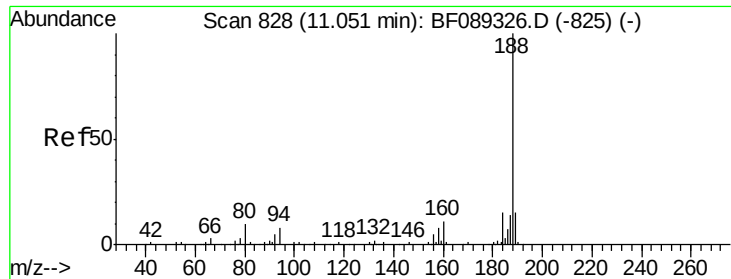
sohil
8/1/2016 7:18:18 PM



#62
Azobenzene
Concen: 54.50 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.0	0.0	33.8
105	22.3	0.0	39.8
51	27.0	11.0	51.0





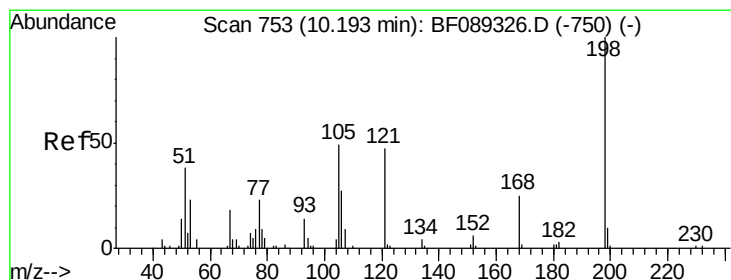
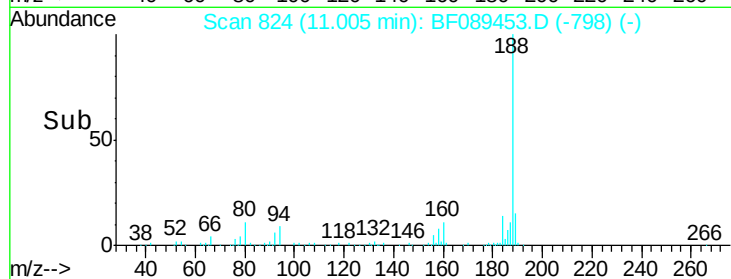
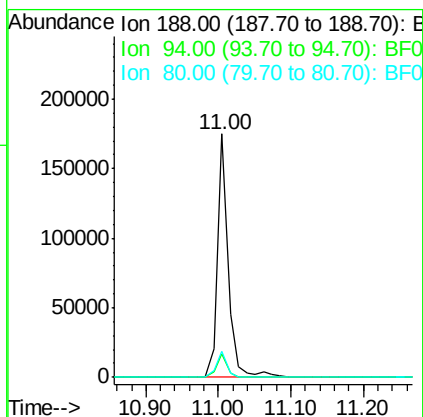
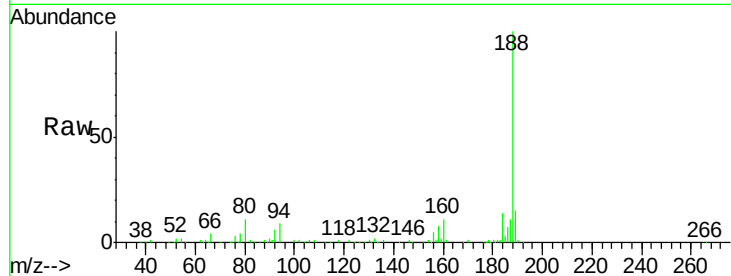
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Instrument :
BNA_F
ClientSampleId :
PB92568BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	179734		
94	9.5		6.5	9.7
80	10.8		7.2	10.8

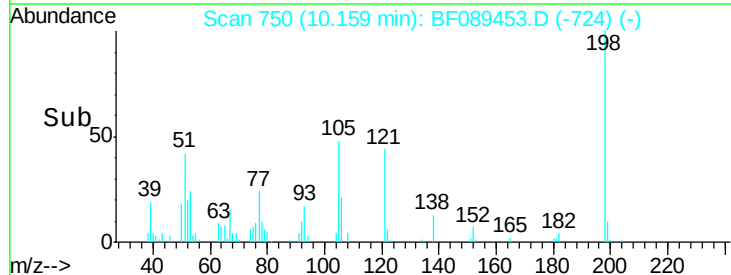
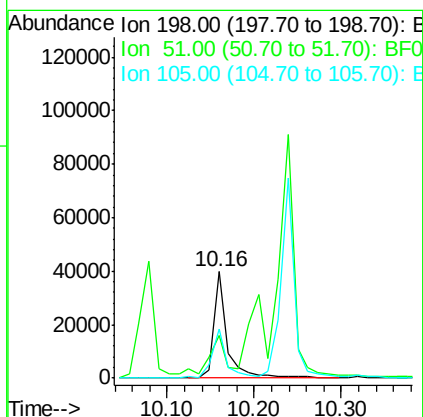
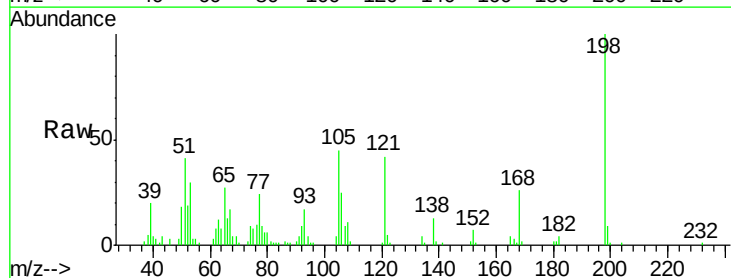
Manual Integrations
APPROVED

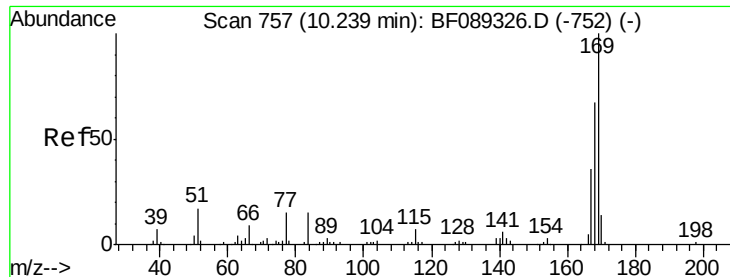
sohil
8/1/2016 7:18:18 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 40.75 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	43421		
51	40.6		23.0	63.0
105	45.5		28.3	68.3





#65

n-Nitrosodiphenylamine

Concen: 50.81 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

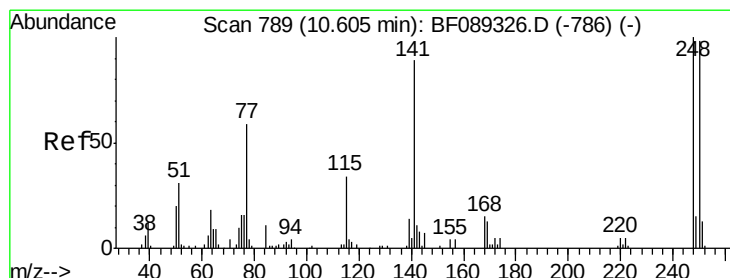
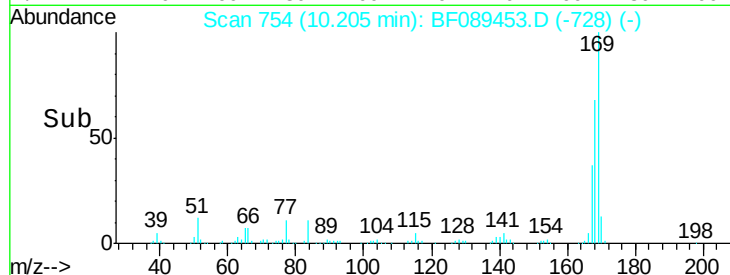
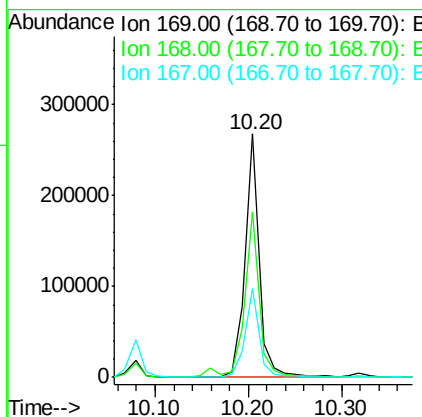
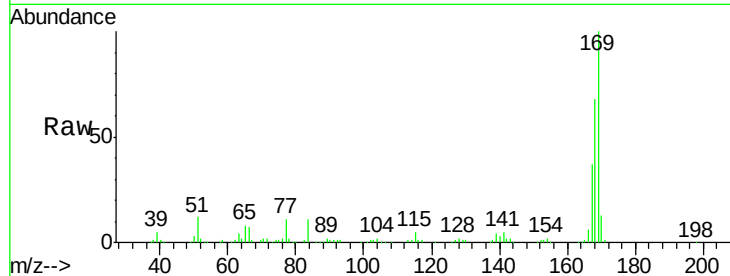
ClientSampleId :

PB92568BS

Tot Ion:	169	Resp:	284926
Ion Ratio		Lower	Upper
169	100		
168	68.2	55.4	83.0
167	36.6	29.7	44.5

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:18 PM



#66

4-Bromophenyl-phenylether

Concen: 47.82 ng

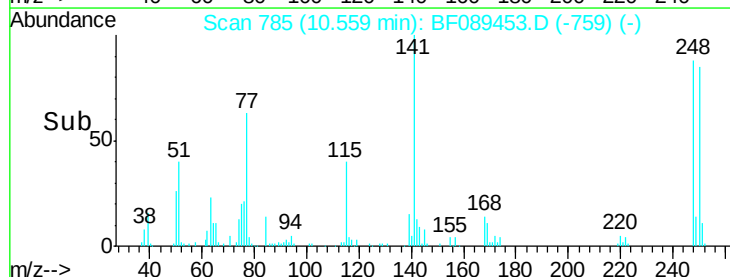
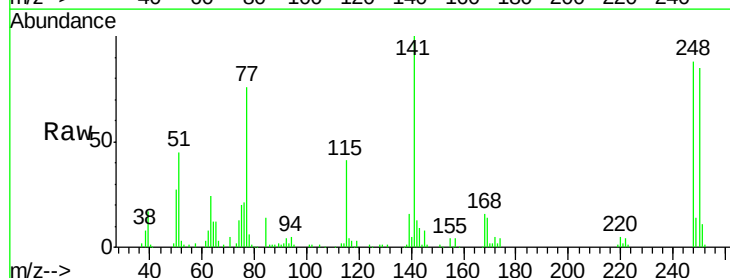
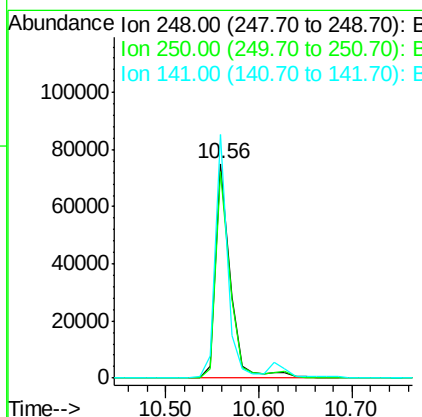
RT: 10.56 min Scan# 785

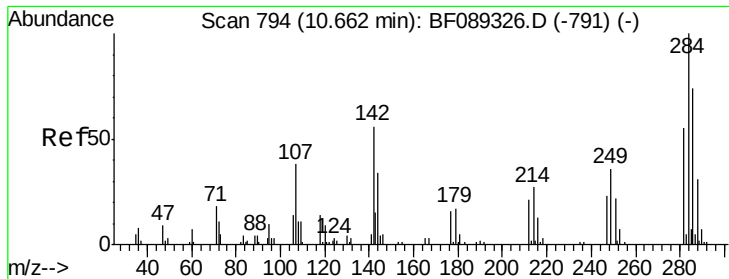
Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Tgt Ion:	248	Resp:	82067
Ion Ratio		Lower	Upper
248	100		
250	96.4	78.2	117.2
141	113.4	62.0	93.0#





#67

Hexachlorobenzene

Concen: 47.95 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

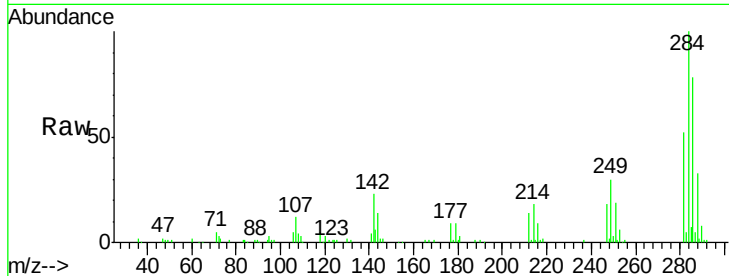
ClientSampleId :

PB92568BS

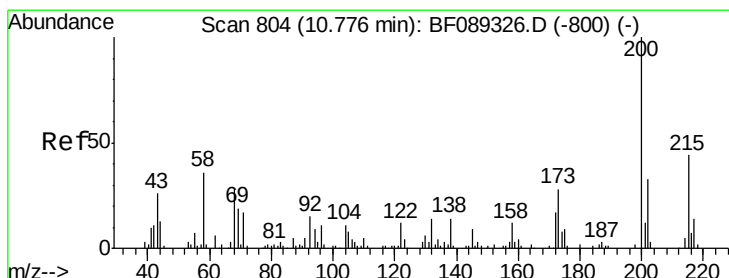
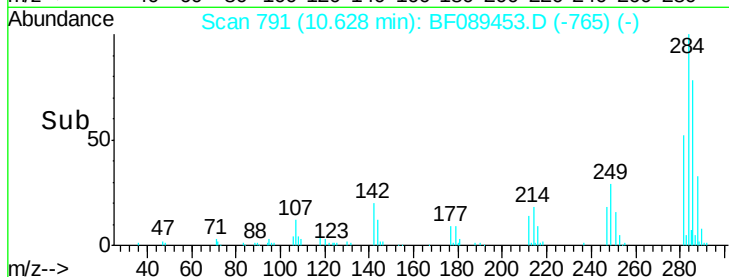
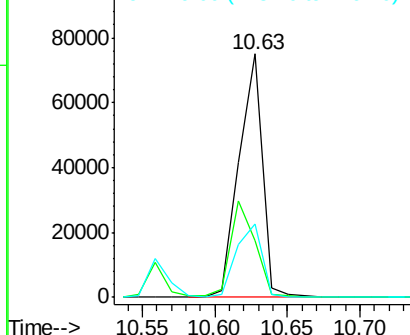
Tot Ion:	284	Resp:	84328
Ion Ratio	Lower	Upper	
284	100		
142	23.3	42.2	63.4#
249	30.4	29.4	44.0

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:18 PM



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 49.75 ng

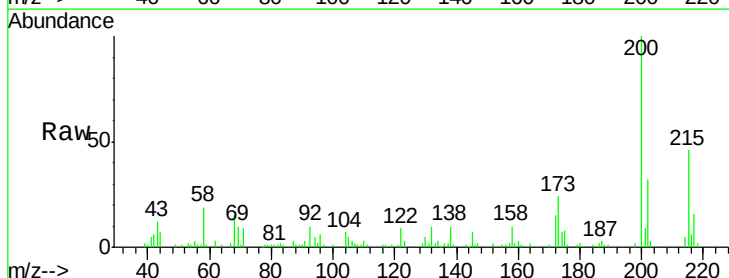
RT: 10.74 min Scan# 801

Delta R.T. 0.01 min

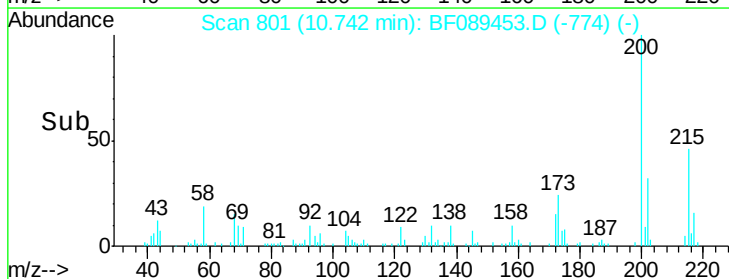
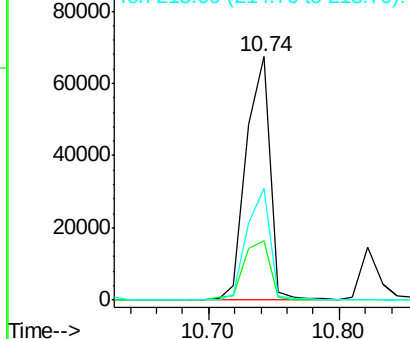
Lab File: BF089453.D

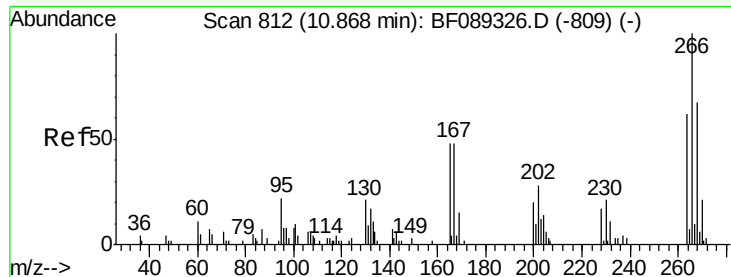
Acq: 30 Jul 2016 15:14

Tgt Ion:	200	Resp:	85709
Ion Ratio	Lower	Upper	
200	100		
173	24.3	6.0	46.0
215	46.1	24.3	64.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





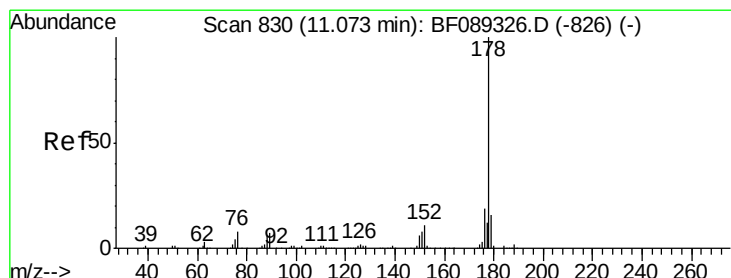
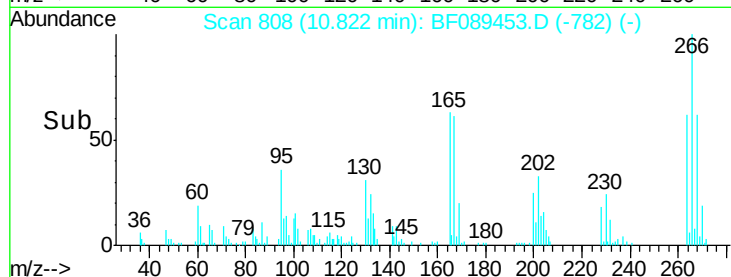
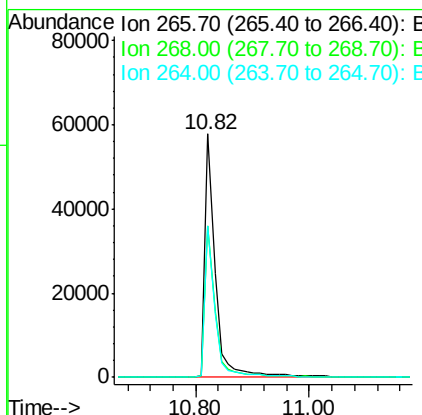
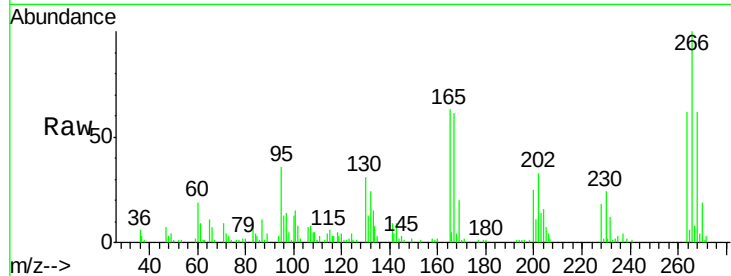
#69
Pentachlorophenol
 Concen: 83.21 ng
 RT: 10.82 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB92568BS

Tot Ion:	266	Resp:	71122
Ion Ratio	Lower	Upper	
266	100		
268	62.3	49.4	74.2
264	62.2	50.2	75.2

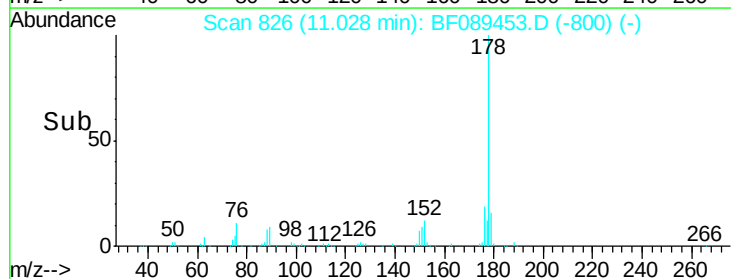
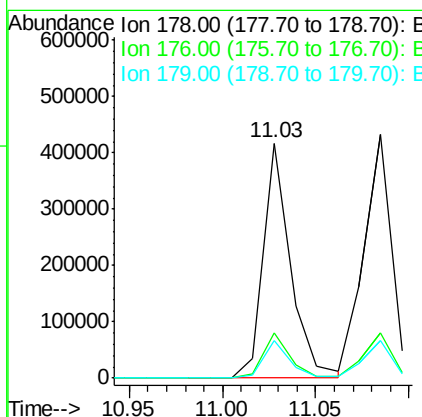
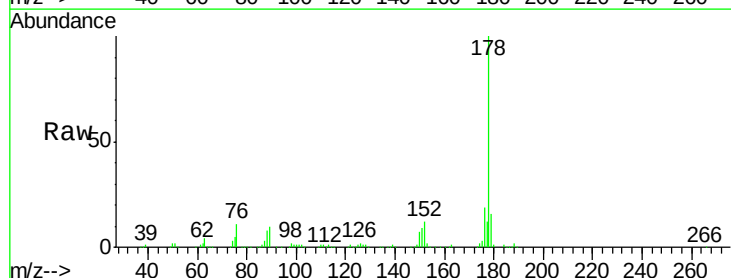
Manual Integrations
 APPROVED

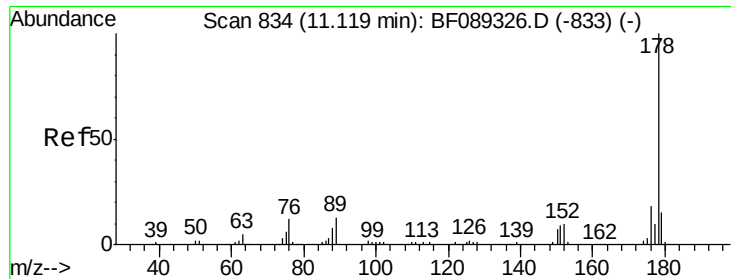
sohil
 8/1/2016 7:18:18 PM



#70
Phenanthrene
 Concen: 45.56 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Tgt Ion:	178	Resp:	422371
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.5	23.3
179	15.9	12.3	18.5





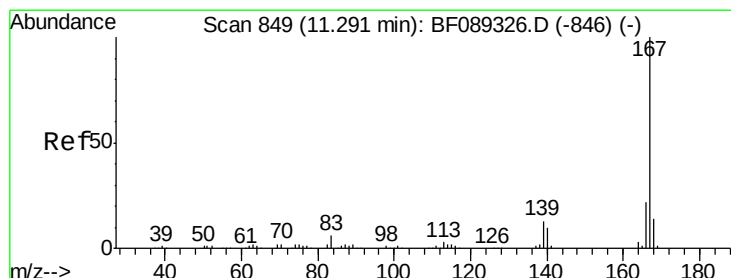
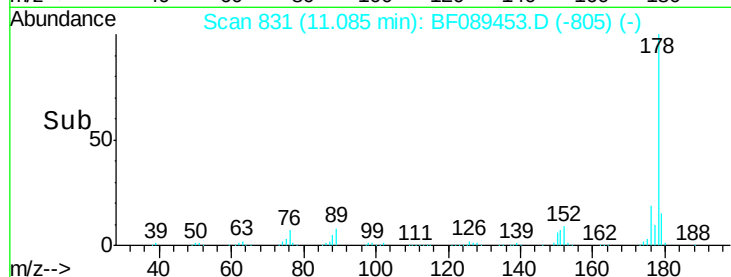
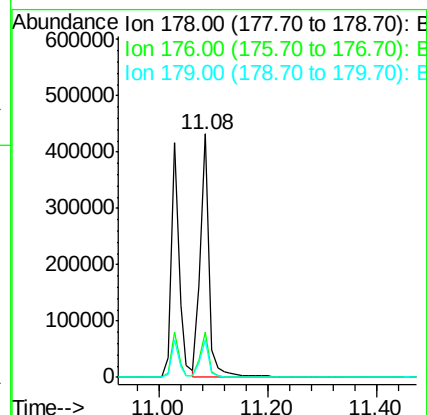
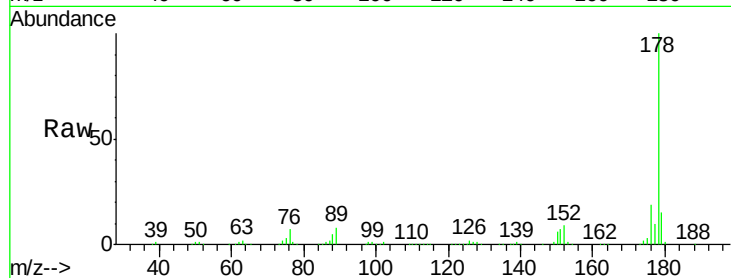
#71
 Anthracene
 Concen: 46.59 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB92568BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.2	12.6	18.8

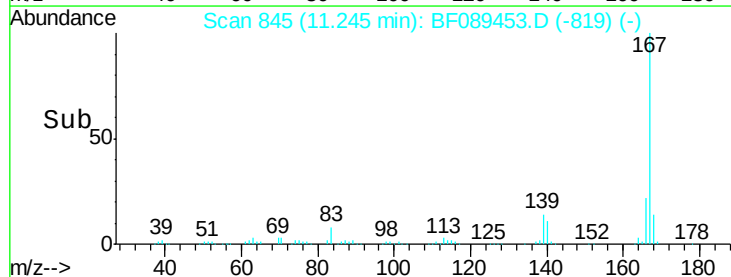
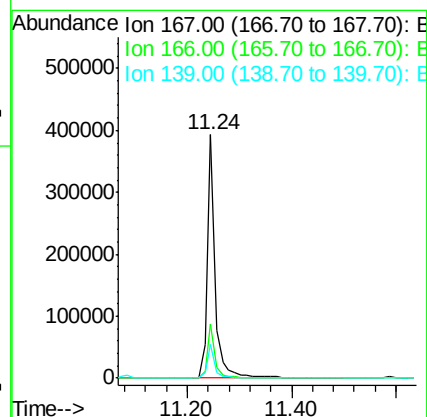
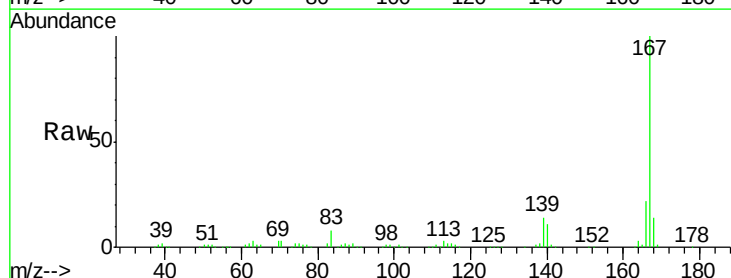
Manual Integrations
 APPROVED

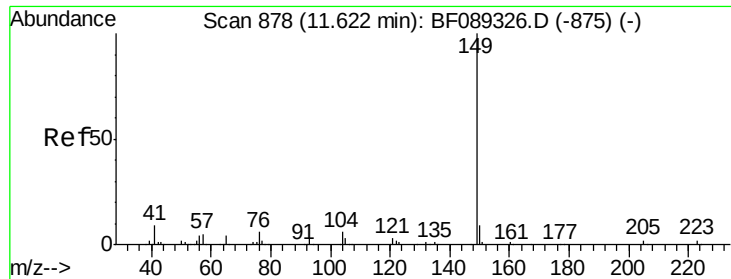
sohil
 8/1/2016 7:18:18 PM



#72
 Carbazole
 Concen: 47.69 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	13.8	10.1	15.1





#73

Di-n-butylphthalate

Concen: 46.80 ng

RT: 11.59 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

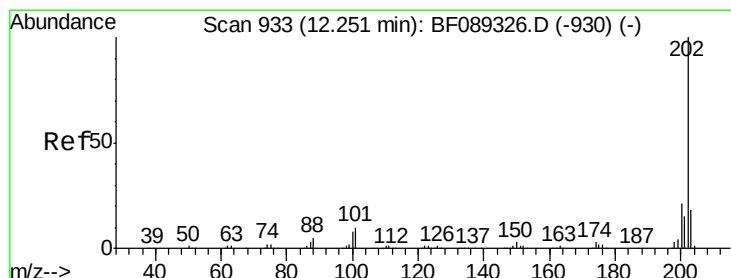
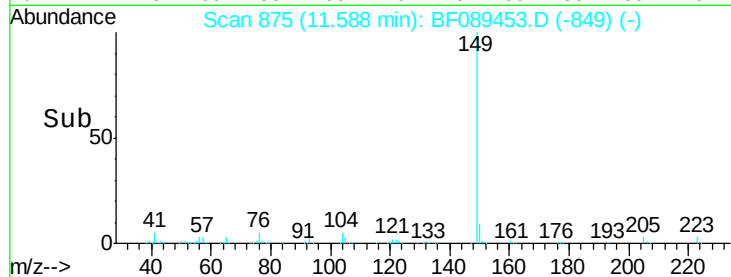
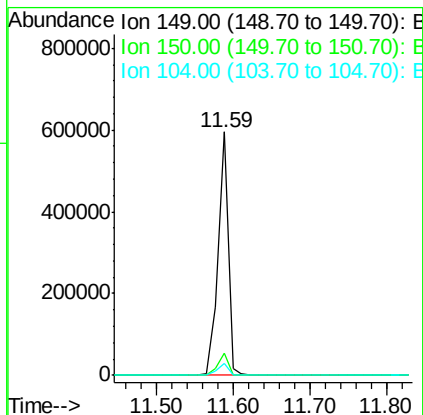
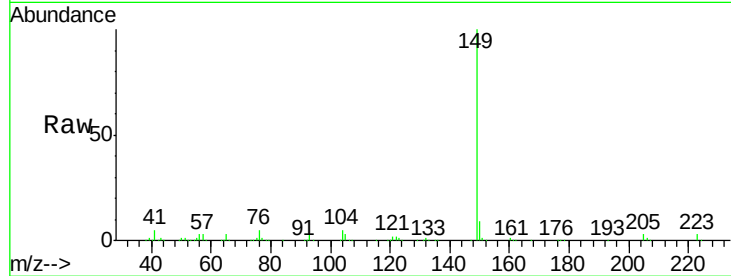
ClientSampleId :

PB92568BS

Tot Ion:	149	Resp:	544766
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.4	11.0
104	4.9	4.7	7.1

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:18 PM



#74

Fluoranthene

Concen: 44.19 ng

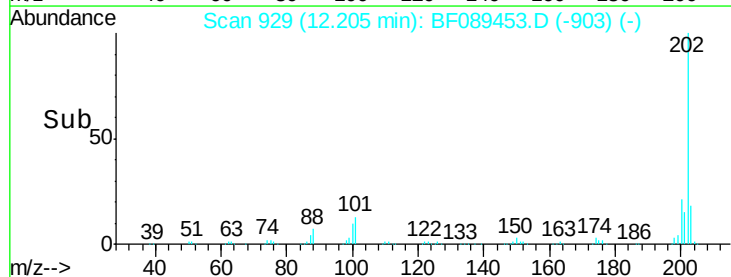
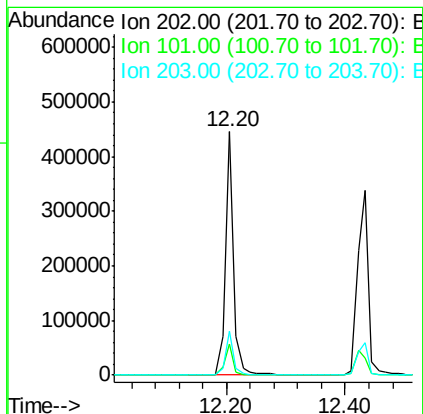
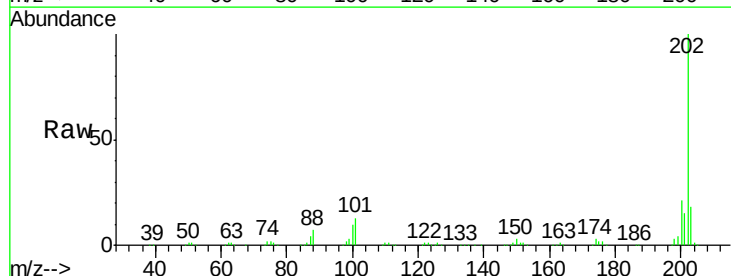
RT: 12.20 min Scan# 929

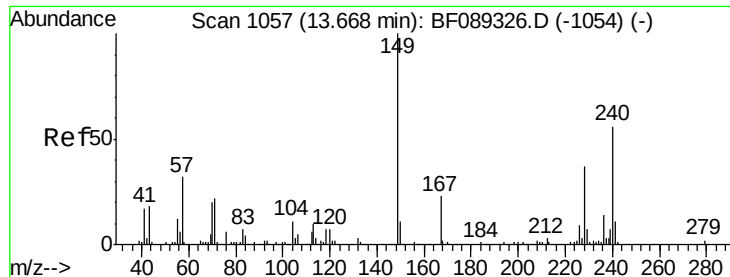
Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Tgt Ion:	202	Resp:	430867
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	29.9
203	17.8	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

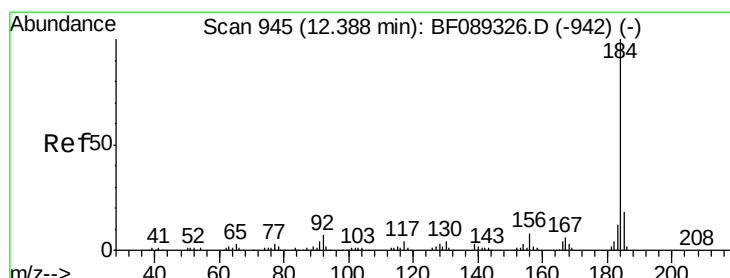
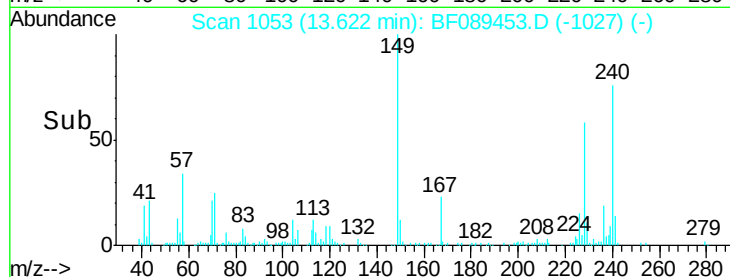
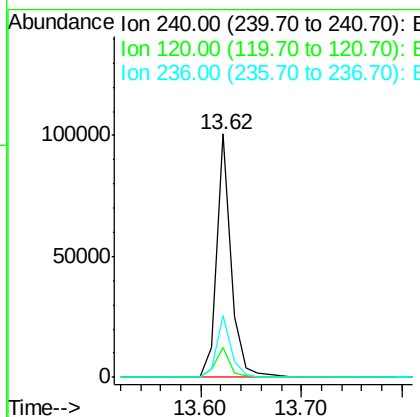
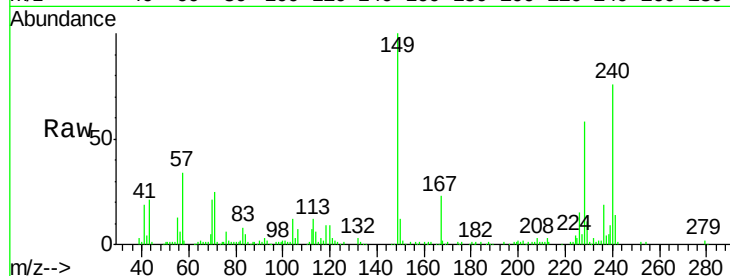
ClientSampled :

PB92568BS

Tot Ion:	240	Resp:	100438
Ion Ratio	Lower	Upper	
240	100		
120	12.1	9.1	13.7
236	25.5	20.6	30.8

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:18 PM



#76

Benzidine

Concen: 33.75 ng

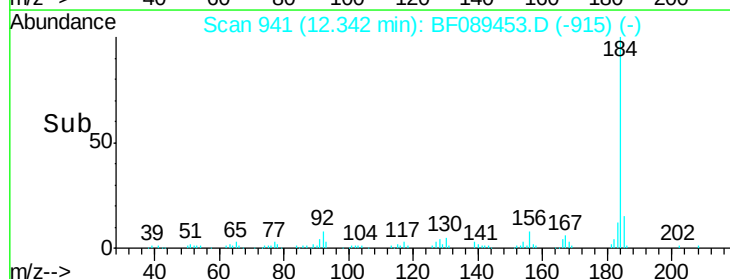
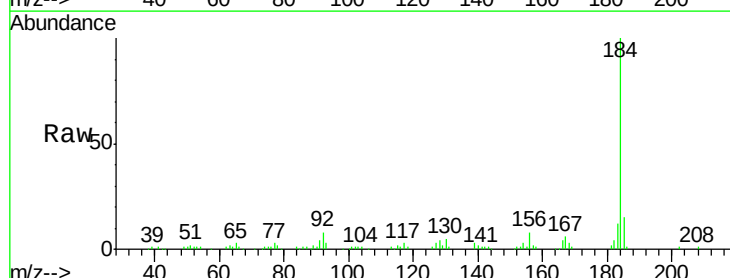
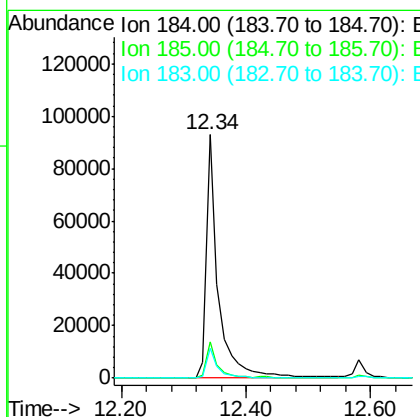
RT: 12.34 min Scan# 941

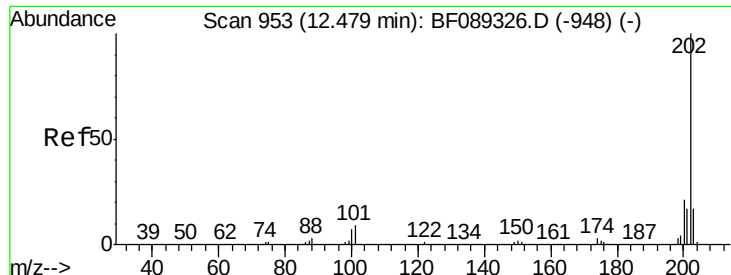
Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Tgt Ion:	184	Resp:	125255
Ion Ratio	Lower	Upper	
184	100		
185	14.8	13.5	20.3
183	12.1	9.8	14.6





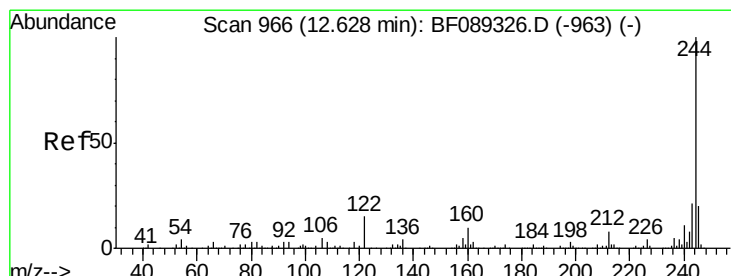
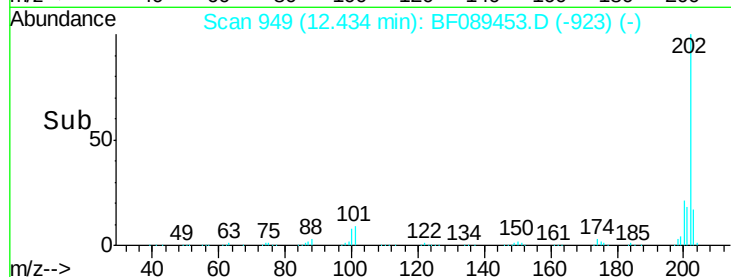
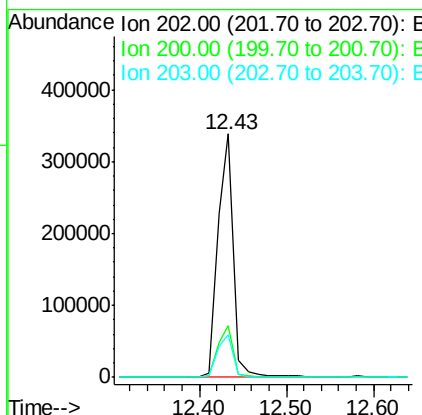
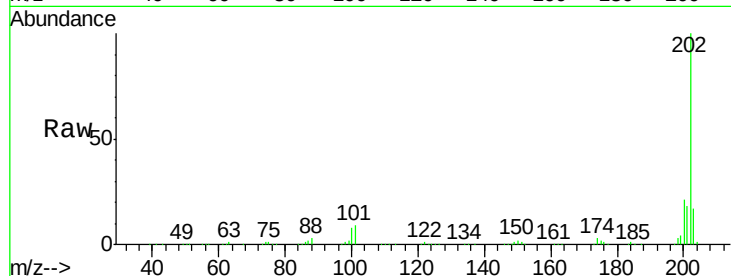
#77
Pvrene
Concen: 55.60 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Instrument :
BNA_F
ClientSampleId :
PB92568BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.4	14.0	21.0

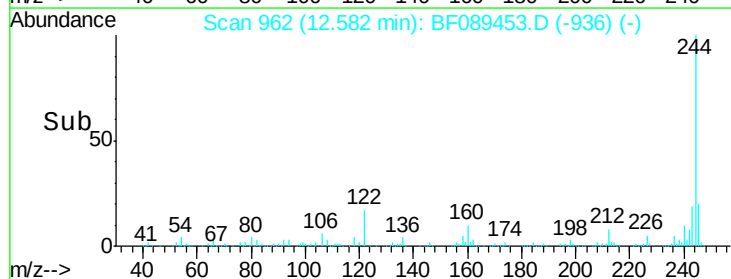
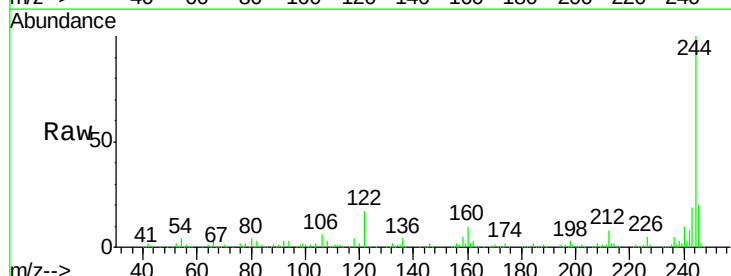
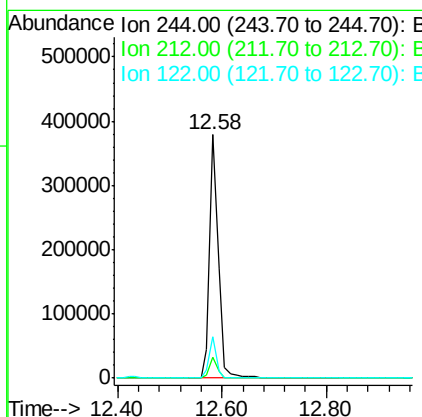
Manual Integrations
APPROVED

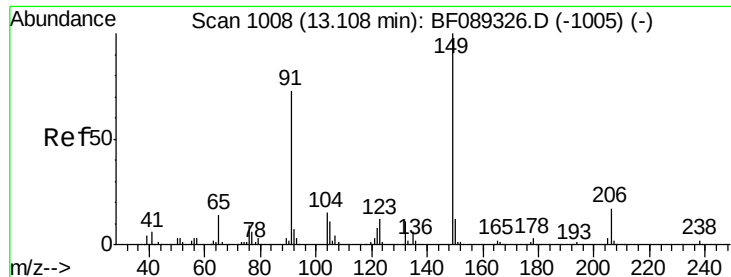
sohil
8/1/2016 7:18:18 PM



#78
Terphenyl-d14
Concen: 101.94 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	17.1	11.4	17.0





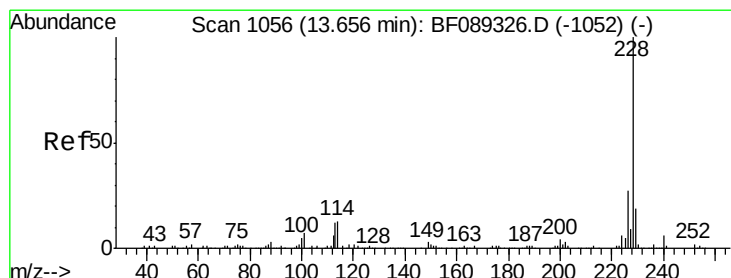
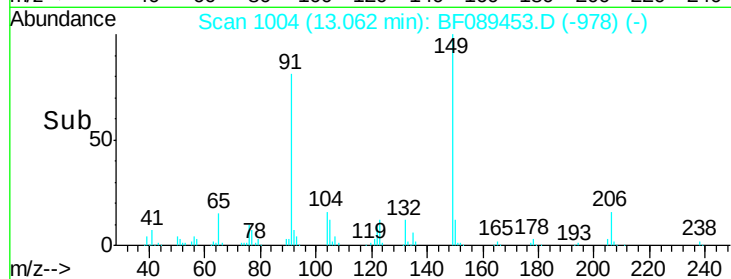
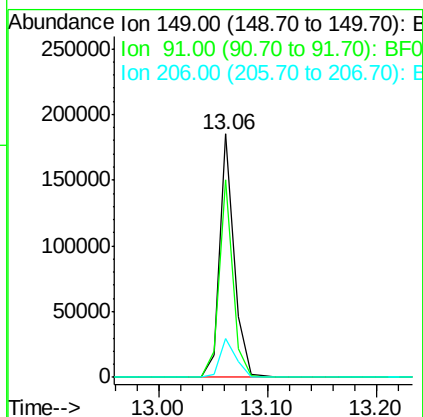
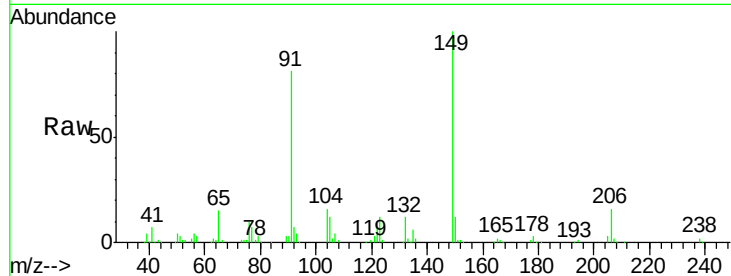
#79
Butylbenzylphthalate
Concen: 50.13 ng
RT: 13.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Instrument :
BNA_F
ClientSampleId :
PB92568BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	173504		
91	81.1	58.5	87.7	
206	16.0	13.8	20.8	

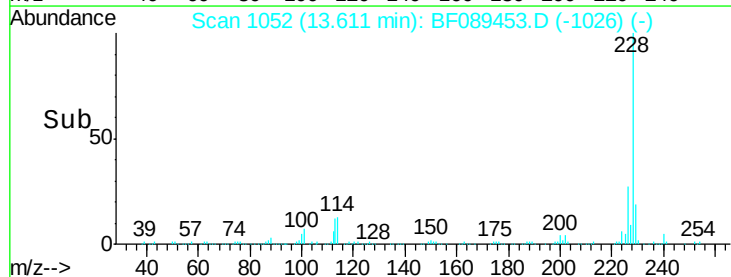
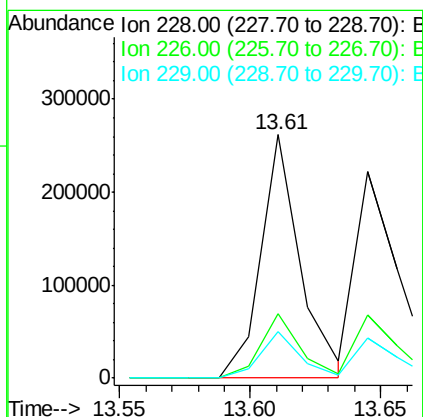
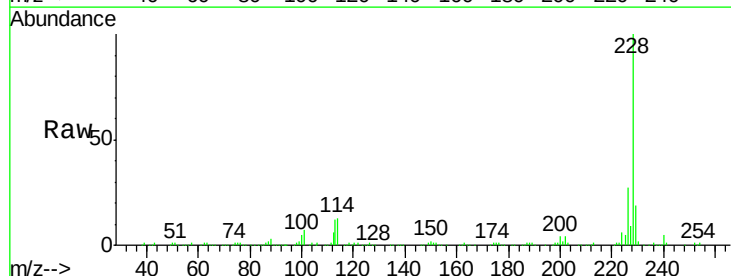
Manual Integrations
APPROVED

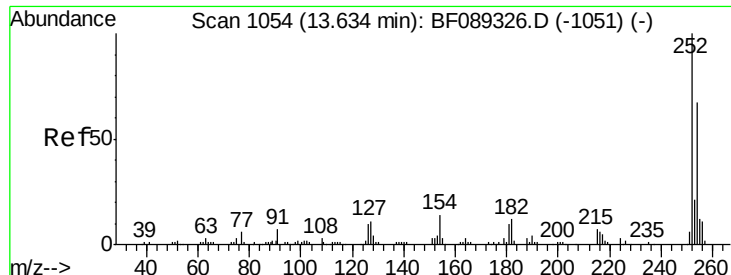
sohil
8/1/2016 7:18:18 PM



#80
Benzo(a)anthracene
Concen: 48.59 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	275439		
226	26.7	21.4	32.2	
229	19.2	15.9	23.9	





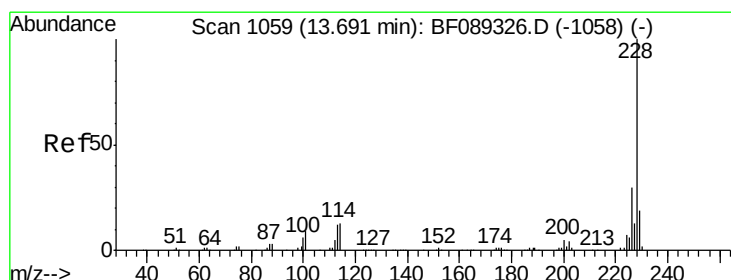
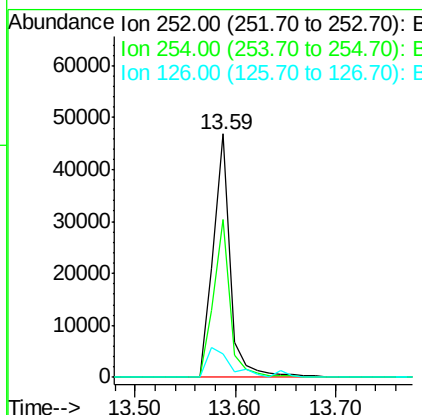
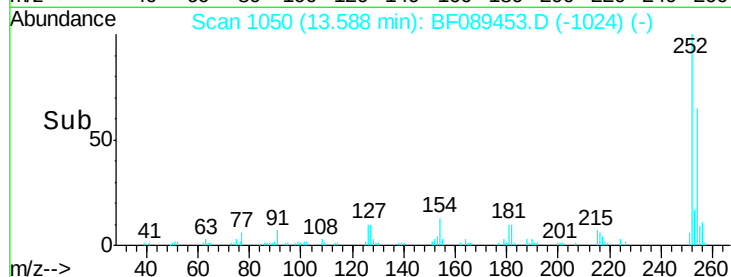
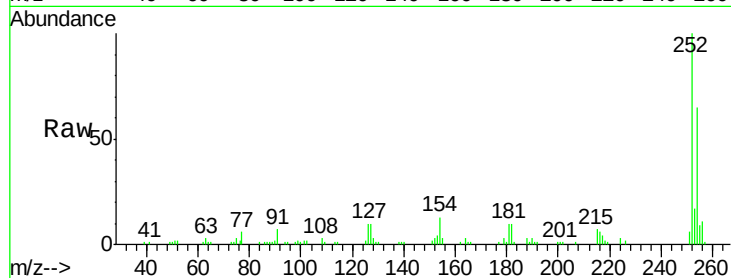
#81
 3,3'-Dichlorobenzidine
 Concen: 27.17 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB92568BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.5	78.7
126	9.7	7.4	11.2

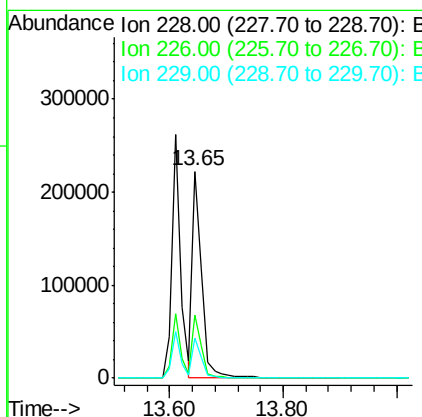
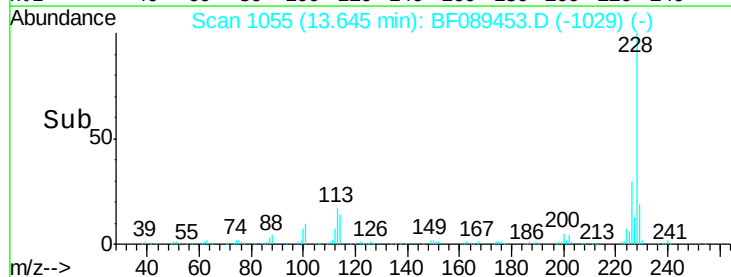
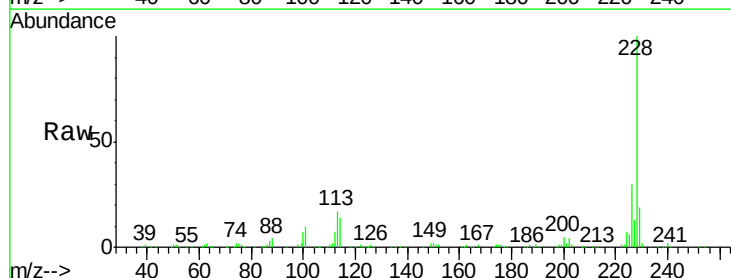
Manual Integrations
 APPROVED

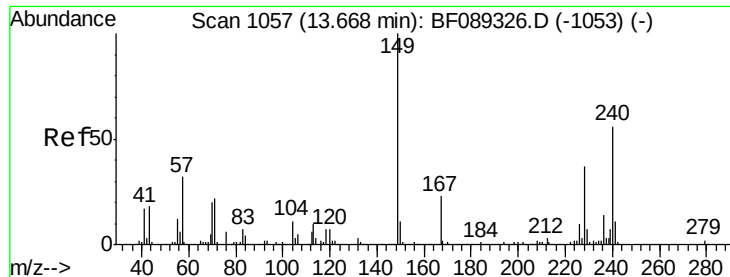
sohil
 8/1/2016 7:18:18 PM



#82
 Chrysene
 Concen: 43.70 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	19.4	15.9	23.9





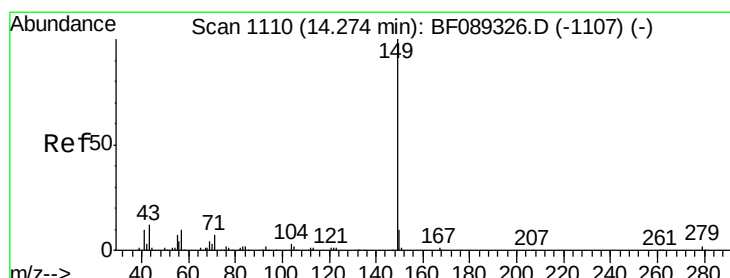
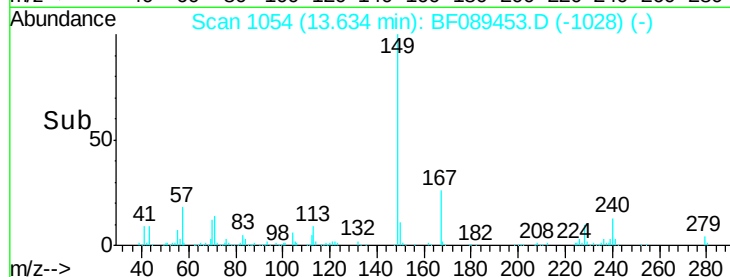
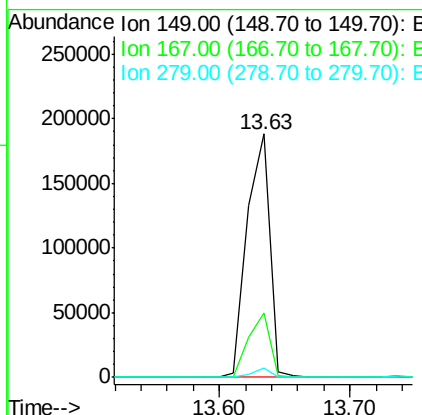
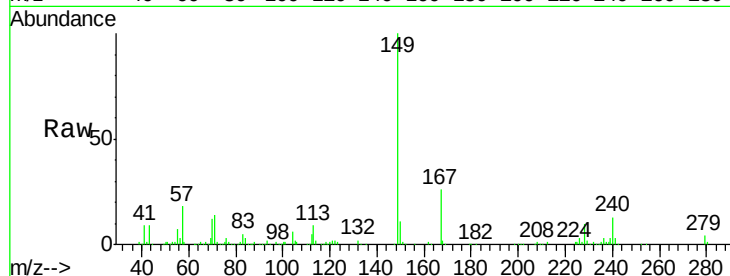
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.42 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB92568BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	227217		
167	26.3	18.8	28.2	
279	3.7	1.4	2.0	

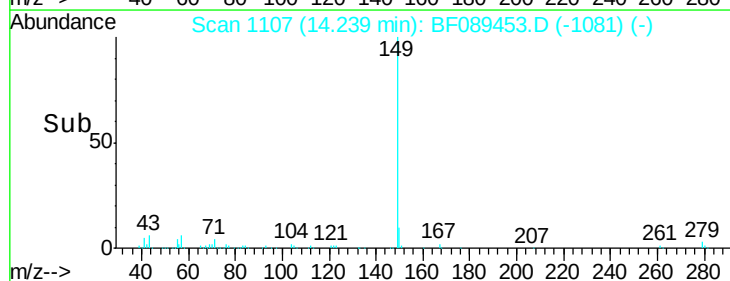
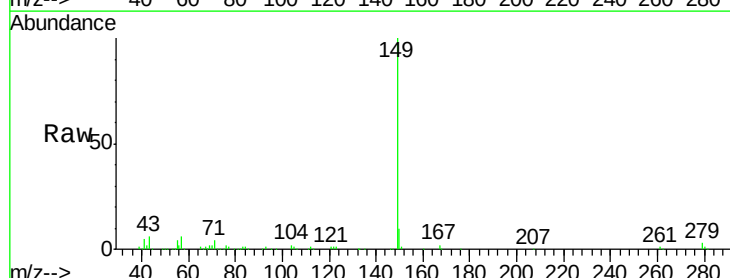
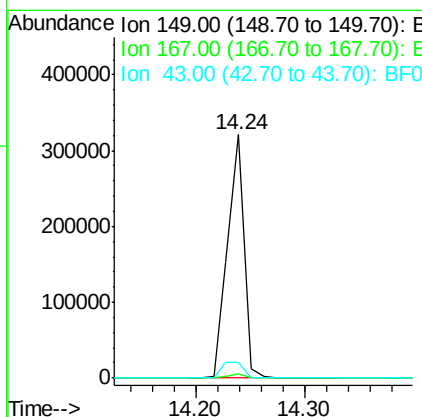
Manual Integrations
 APPROVED

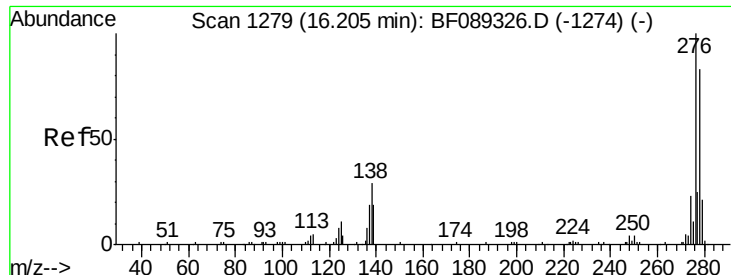
sohil
 8/1/2016 7:18:18 PM



#84
 Di-n-octyl phthalate
 Concen: 43.21 ng
 RT: 14.24 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	337332		
167	1.5	1.1	1.7	
43	9.7	7.3	10.9	





#85

Indeno(1,2,3-cd)pyrene

Concen: 62.99 ng

RT: 16.14 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

ClientSampleId :

PB92568BS

Tot Ion:276 Resp: 270195

Ion Ratio Lower Upper

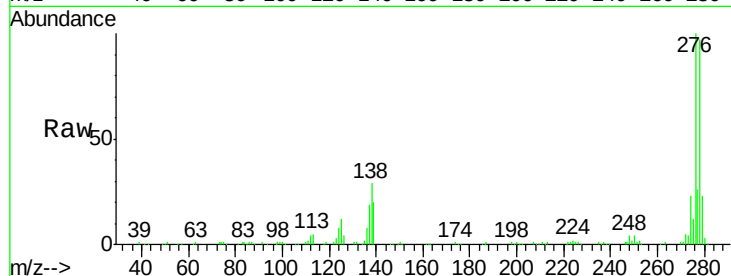
276 100

138 30.2 23.0 34.4

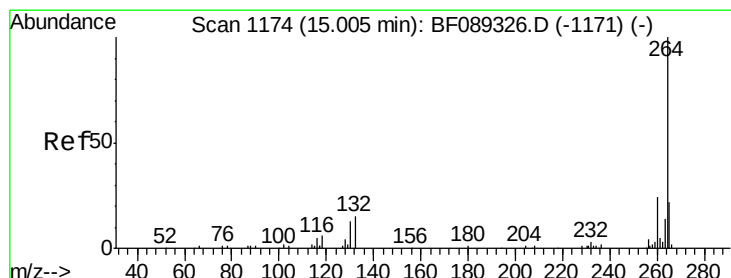
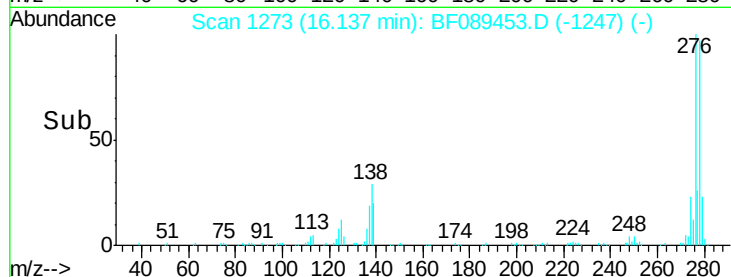
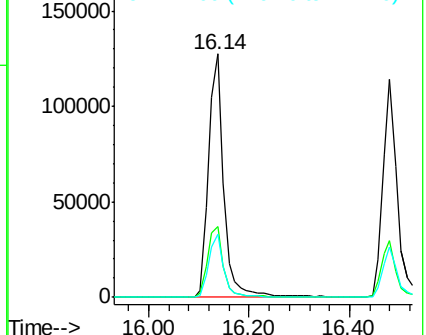
277 25.4 20.2 30.4

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:18 PM



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.95 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

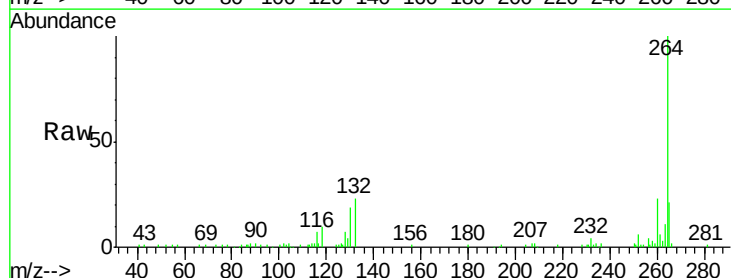
Tgt Ion:264 Resp: 83938

Ion Ratio Lower Upper

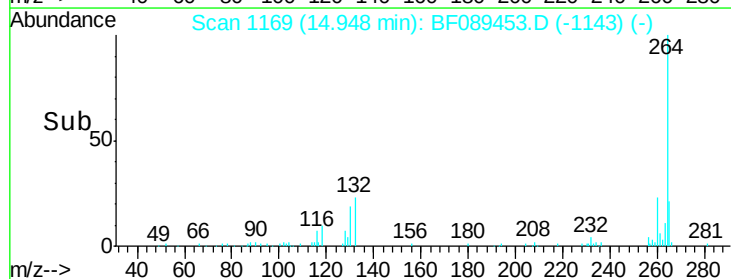
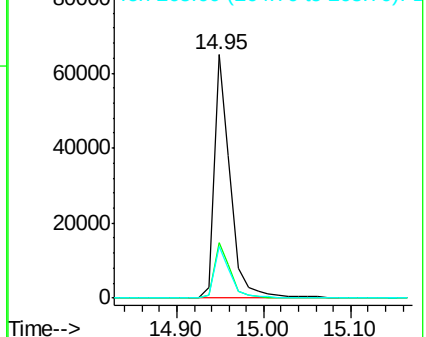
264 100

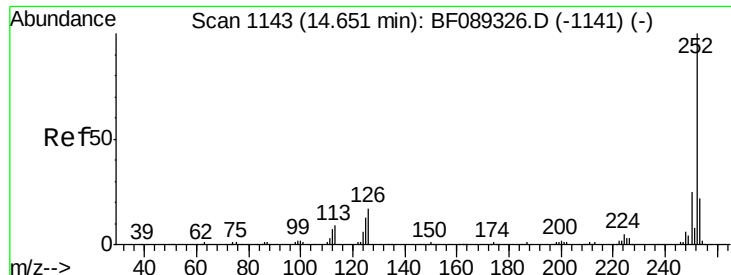
260 22.9 19.0 28.4

265 21.2 17.5 26.3



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





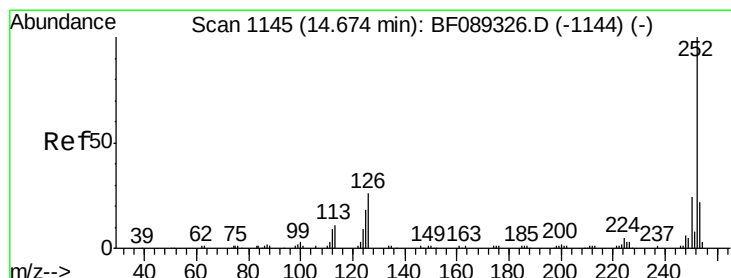
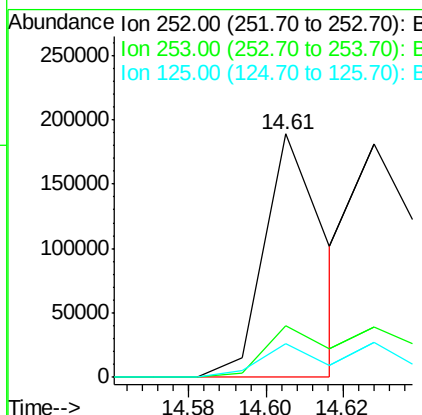
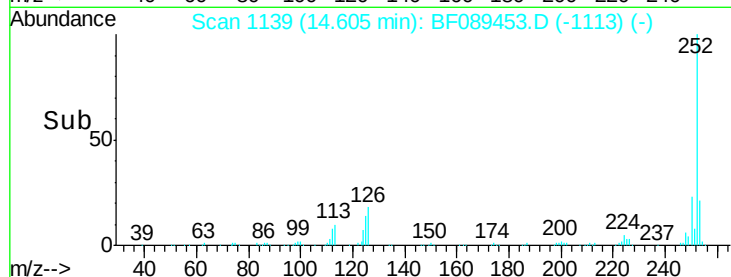
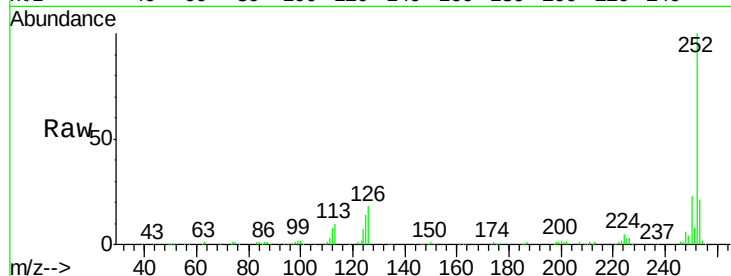
#87
Benzo(b)fluoranthene
Concen: 40.25 ng m
RT: 14.61 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Instrument :
BNA_F
ClientSampleId :
PB92568BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	13.6	9.7	14.5

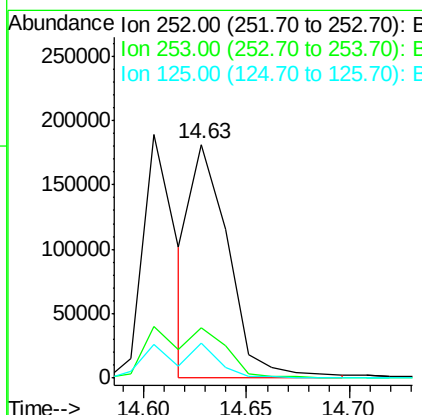
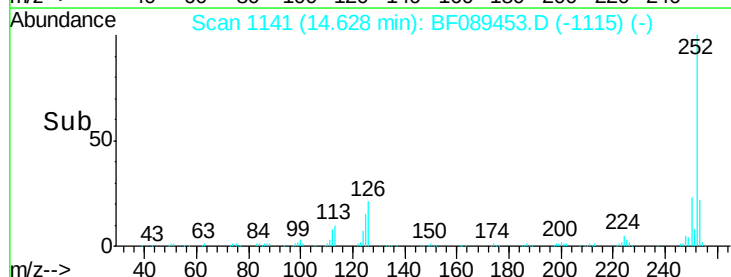
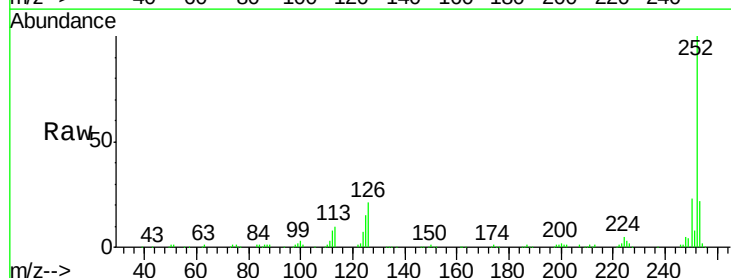
Manual Integrations
APPROVED

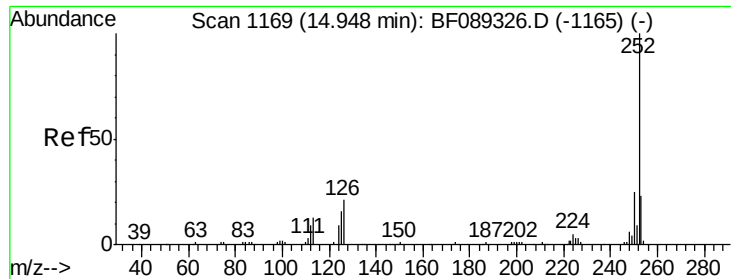
sohil
8/1/2016 7:18:18 PM



#88
Benzo(k)fluoranthene
Concen: 47.65 ng m
RT: 14.63 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	15.0	10.7	16.1





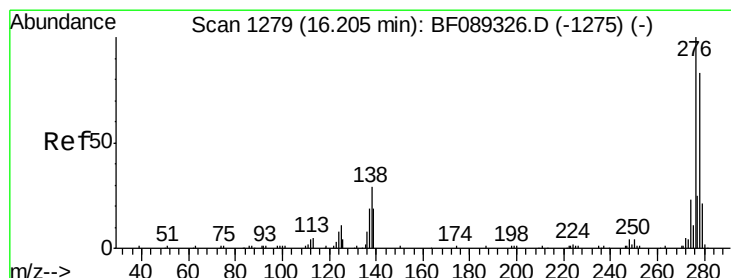
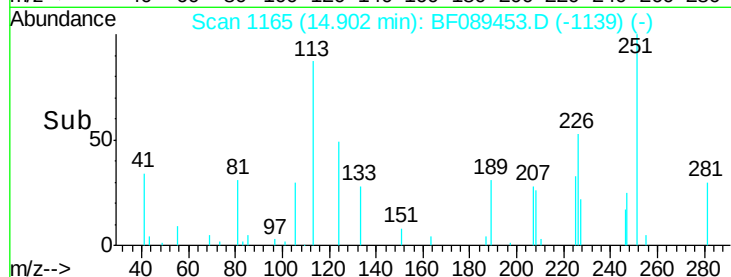
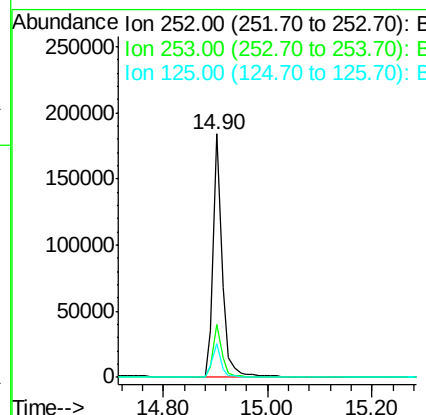
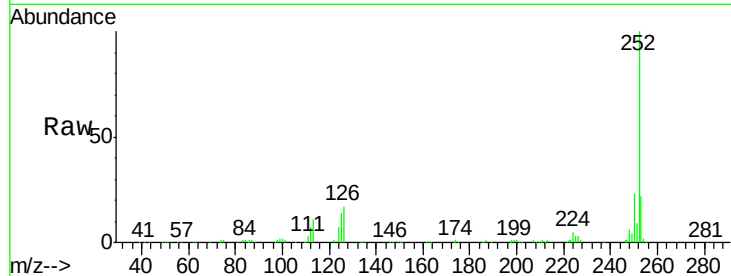
#89
Benzo(a)pyrene
Concen: 48.09 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Instrument :
BNA_F
ClientSampleId :
PB92568BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	13.6	12.4	18.6

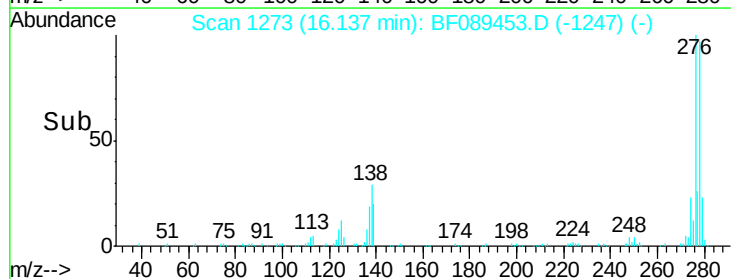
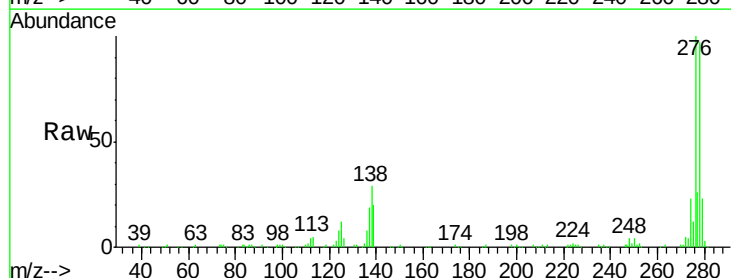
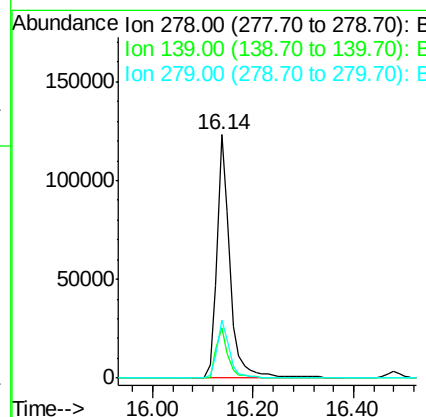
Manual Integrations
APPROVED

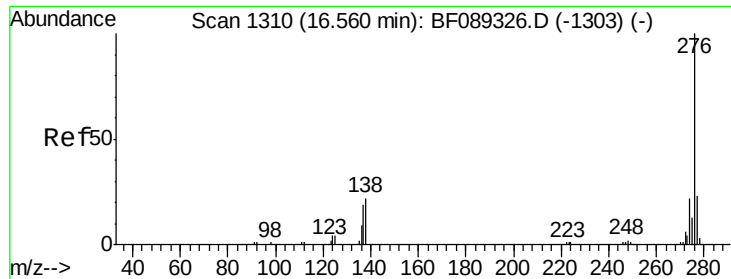
sohil
8/1/2016 7:18:18 PM



#90
Dibenzo(a,h)anthracene
Concen: 60.65 ng
RT: 16.14 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.7	16.3	24.5
279	23.9	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 64.52 ng
 RT: 16.48 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB92568BS

Tot Ion:	276	Resp:	233632
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.6	28.0
138	25.8	21.4	32.0

Manual Integrations
 APPROVED

sohil
 8/1/2016 7:18:18 PM

