

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088183.D
 Acq On : 20 Jun 2016 20:53
 Operator : UM/SJ
 Sample : PB91363BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91363BS

Manual Integrations
 APPROVED

sohil
 6/21/2016 4:22:18 PM

Quant Time: Jun 21 01:30:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	94887	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	397171	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	191290	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	347960	20.00	ng	0.00
75) Chrysene-d12	13.81	240	268683	20.00	ng	0.00
86) Perylene-d12	15.18	264	223742	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	330621	59.57	ng	0.01
7) Phenol-d6	6.32	99	377968	56.19	ng	-0.01
23) Nitrobenzene-d5	7.23	82	356004	52.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	96775	47.91	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	711933	56.62	ng	-0.01
78) Terphenyl-d14	12.76	244	683715	57.91	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.22	88	58774	21.79	ng	# 25
3) Pyridine	2.88	79	155001	24.34	ng	91
4) n-Nitrosodimethylamine	2.83	42	72560	26.91	ng	# 74
6) Aniline	6.33	93	132735	13.86	ng	# 23
8) 2-Chlorophenol	6.46	128	204834	31.18	ng	87
10) Phenol	6.33	94	207492	28.99	ng	# 56
11) bis(2-Chloroethyl)ether	6.41	93	179294	30.40	ng	85
12) 1,3-Dichlorobenzene	6.60	146	205445	29.15	ng	97
13) 1,4-Dichlorobenzene	6.68	146	213220	30.03	ng	98
14) 1,2-Dichlorobenzene	6.83	146	187811m	29.08	ng	
15) Benzyl Alcohol	6.82	79	134791	25.61	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	210243	26.38	ng	79
17) 2-Methylphenol	6.95	107	162871	30.57	ng	98
18) Hexachloroethane	7.18	117	76461	30.35	ng	93
19) n-Nitroso-di-n-propylamine	7.10	70	125064	29.06	ng	# 78
20) 3+4-Methylphenols	7.11	107	211746	34.06	ng	# 74
22) Acetophenone	7.08	105	259703	29.26	ng	98
24) Nitrobenzene	7.26	77	198290	30.10	ng	93
25) Isophorone	7.50	82	346228	27.48	ng	99
26) 2-Nitrophenol	7.58	139	109302	30.97	ng	# 81
27) 2,4-Dimethylphenol	7.62	122	166693	25.65	ng	93
28) bis(2-Chloroethoxy)methane	7.71	93	227132	29.07	ng	# 97
29) 2,4-Dichlorophenol	7.83	162	164860	30.39	ng	91
30) 1,2,4-Trichlorobenzene	7.90	180	166490	28.18	ng	99
31) Naphthalene	7.98	128	587696	29.90	ng	99
32) Benzoic acid	7.76	122	54116	15.12	ng	95
33) 4-Chloroaniline	8.03	127	102556	11.69	ng	95
34) Hexachlorobutadiene	8.09	225	86642	27.81	ng	98
35) Caprolactam	8.40	113	52544m	29.24	ng	
36) 4-Chloro-3-methylphenol	8.54	107	171992	29.64	ng	87
37) 2-Methylnaphthalene	8.66	142	361084	27.87	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	161543	28.82	ng	# 1
40) Hexachlorocyclopentadiene	8.82	237	74705	24.21	ng	97
42) 2,4,6-Trichlorophenol	8.96	196	96254	25.16	ng	100

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088183.D
 Acq On : 20 Jun 2016 20:53
 Operator : UM/SJ
 Sample : PB91363BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91363BS

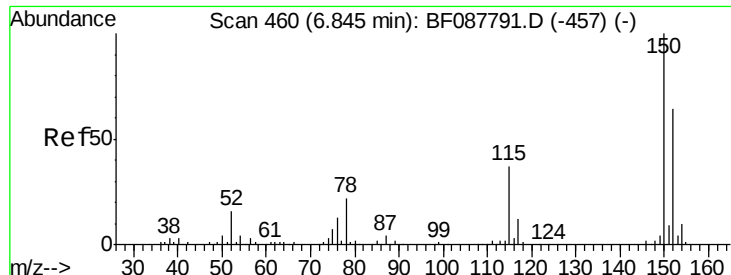
Manual Integrations
 APPROVED

sohil
 6/21/2016 4:22:18 PM

Quant Time: Jun 21 01:30:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	104890	26.36	nq	97
45) 1,1'-Biphenyl	9.13	154	471200	30.87	nq	98
46) 2-Chloronaphthalene	9.15	162	363488	29.36	nq	97
47) 2-Nitroaniline	9.26	65	100776	27.60	nq	87
48) Acenaphthylene	9.56	152	565991	28.75	nq	99
49) Dimethylphthalate	9.44	163	449616	32.45	nq	99
50) 2,6-Dinitrotoluene	9.50	165	89859	28.32	nq	# 62
51) Acenaphthene	9.74	154	340526	27.72	nq	98
52) 3-Nitroaniline	9.67	138	61496	16.79	nq	88
53) 2,4-Dinitrophenol	9.78	184	48928	34.06	nq	90
54) Dibenzofuran	9.91	168	470239	27.80	nq	# 91
55) 4-Nitrophenol	9.85	139	98752	34.75	nq	97
56) 2,4-Dinitrotoluene	9.91	165	118548	29.07	nq	# 79
57) Fluorene	10.25	166	400450	33.83	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	87425	27.95	nq	# 58
59) Diethylphthalate	10.14	149	448956	32.01	nq	98
60) 4-Chlorophenyl-phenylether	10.24	204	159137	28.29	nq	93
61) 4-Nitroaniline	10.28	138	107839	31.05	nq	89
62) Azobenzene	10.40	77	402797	29.04	nq	95
64) 4,6-Dinitro-2-methylphenol	10.31	198	45344	22.10	nq	89
65) n-Nitrosodiphenylamine	10.36	169	360648	31.24	nq	100
66) 4-Bromophenyl-phenylether	10.73	248	112662	30.18	nq	95
67) Hexachlorobenzene	10.79	284	108751	28.04	nq	# 88
68) Atrazine	10.89	200	100957	28.88	nq	91
69) Pentachlorophenol	10.99	266	67691	33.11	nq	96
70) Phenanthrene	11.20	178	550438	30.15	nq	99
71) Anthracene	11.26	178	580436	31.51	nq	99
72) Carbazole	11.42	167	553764	32.13	nq	99
73) Di-n-butylphthalate	11.75	149	664177	30.44	nq	99
74) Fluoranthene	12.39	202	596798	30.97	nq	97
76) Benzidine	12.51	184	200998	27.02	nq	98
77) Pyrene	12.62	202	589286	29.56	nq	98
79) Butylbenzylphthalate	13.23	149	274115	31.10	nq	86
80) Benzo(a)anthracene	13.79	228	432180	28.23	nq	99
81) 3,3'-Dichlorobenzidine	13.76	252	88811	21.57	nq	# 95
82) Chrysene	13.84	228	468644	32.53	nq	97
83) Bis(2-ethylhexyl)phthalate	13.79	149	342512	31.92	nq	99
84) Di-n-octyl phthalate	14.40	149	646619	37.08	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.47	276	374510	27.98	nq	# 100
87) Benzo(b)fluoranthene	14.80	252	399792m	25.64	nq	
88) Benzo(k)fluoranthene	14.83	252	418323m	35.56	nq	
89) Benzo(a)pyrene	15.12	252	391694	31.04	nq	98
90) Dibenzo(a,h)anthracene	16.47	278	316125	26.98	nq	96
91) Benzo(q,h,i)perylene	16.85	276	325477	27.00	nq	99

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



#1

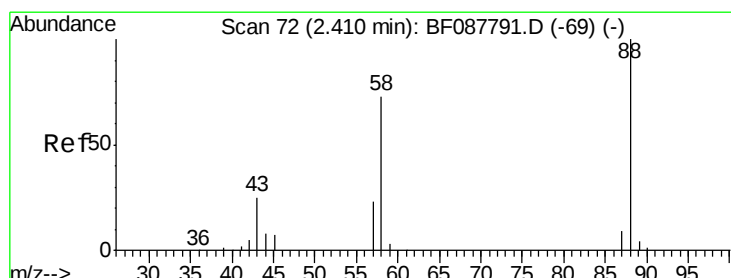
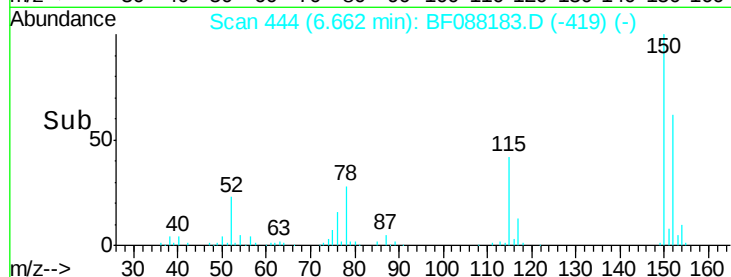
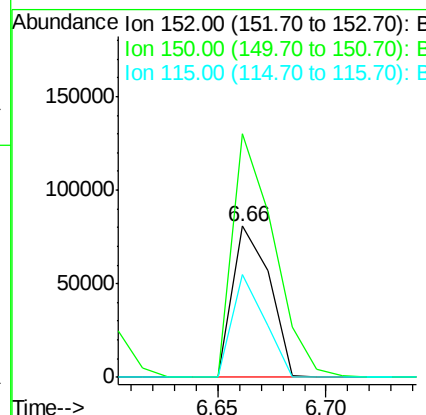
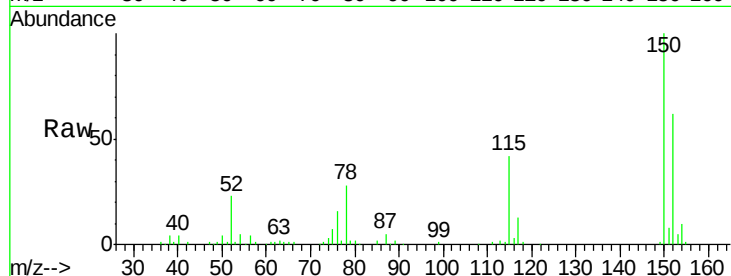
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	123.8	185.6
115	68.1	39.6	59.4

Manual Integrations
APPROVED

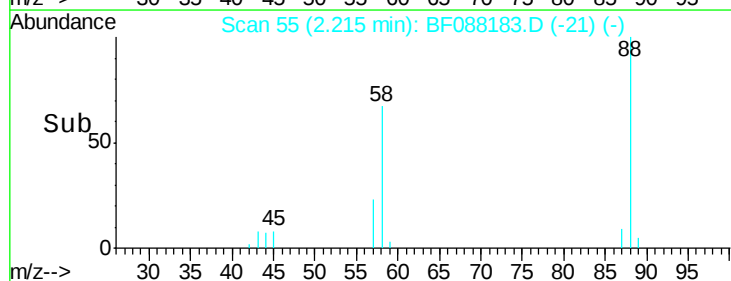
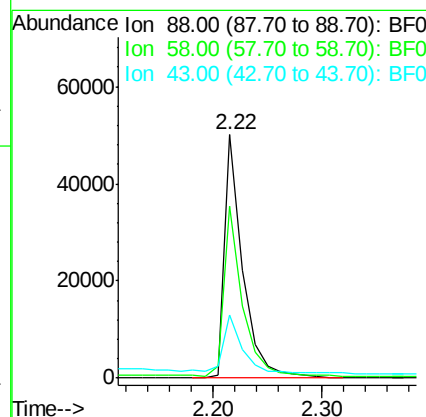
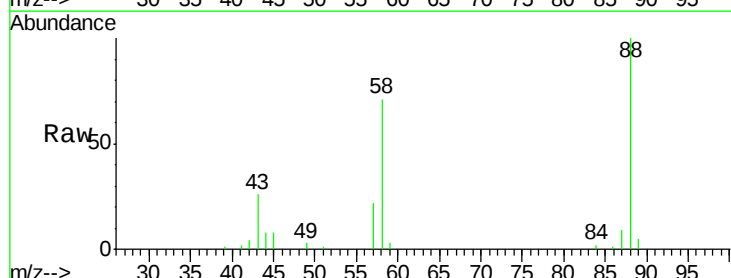
sohil
6/21/2016 4:22:18 PM

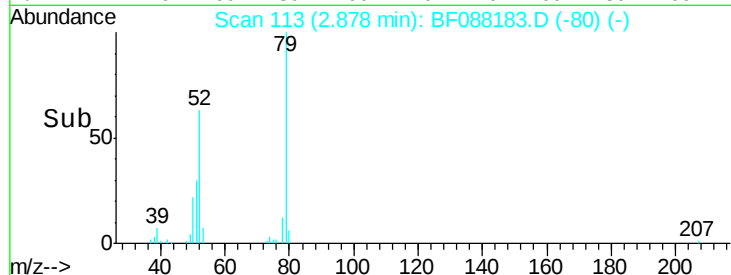
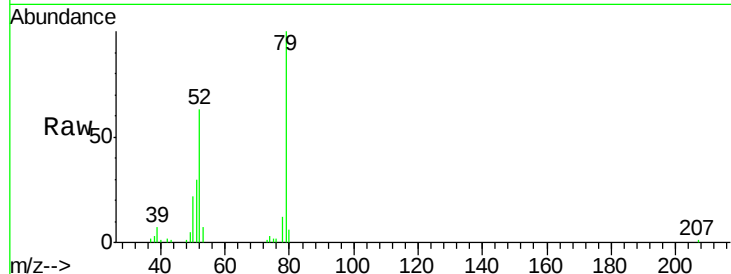
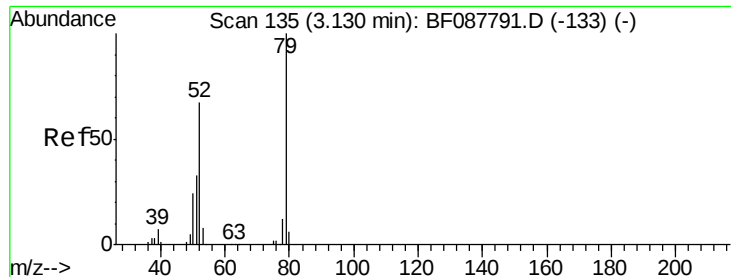


#2

1,4-Dioxane
Concen: 21.79 ng
RT: 2.22 min Scan# 55
Delta R.T. 0.09 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.0	0.0	0.0
43	28.9	3.4	5.2





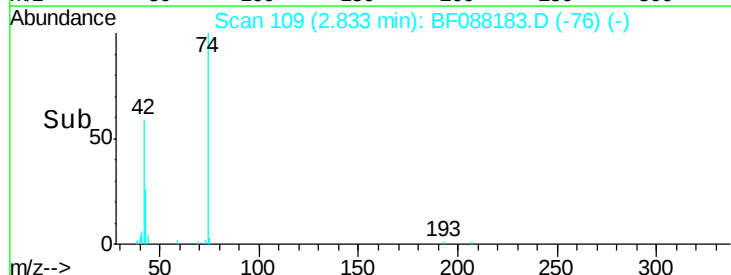
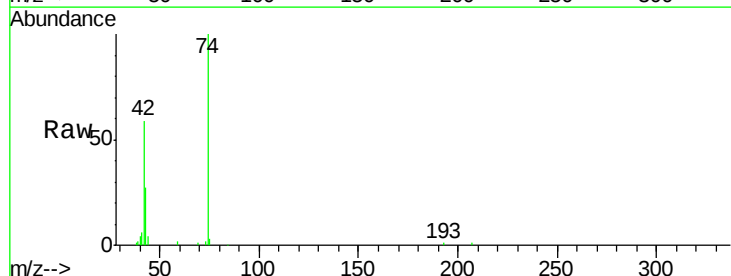
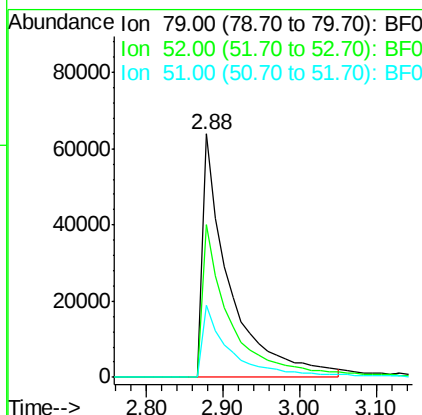
#3
 Pvridine
 Concen: 24.34 ng
 RT: 2.88 min Scan# 113
 Delta R.T. 0.08 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Tot Ion:	79	Resp:	155001
Ion Ratio	Lower	Upper	
79	100		
52	62.7	56.3	84.5
51	29.8	27.4	41.2

Instrument :
 BNA_F
 ClientSampleId :
 PB91363BS

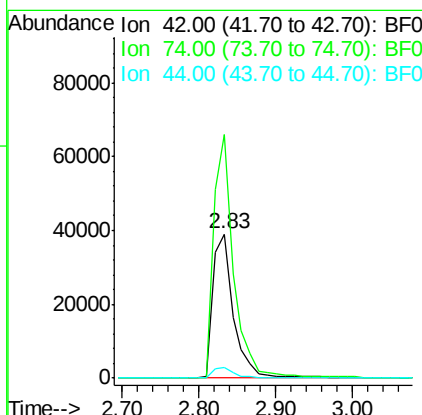
Manual Integrations
 APPROVED

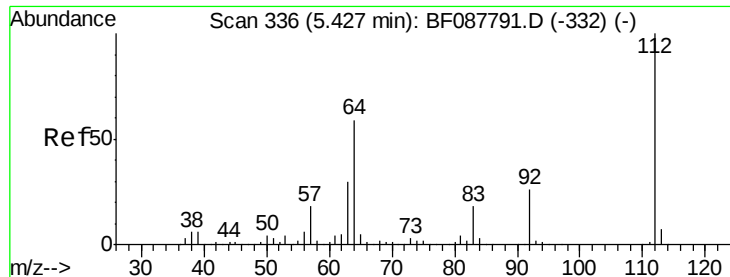
sohil
 6/21/2016 4:22:18 PM



#4
 n-Nitrosodimethylamine
 Concen: 26.91 ng
 RT: 2.83 min Scan# 109
 Delta R.T. 0.08 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Tgt Ion:	42	Resp:	72560
Ion Ratio	Lower	Upper	
42	100		
74	168.7	108.6	163.0#
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 59.57 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

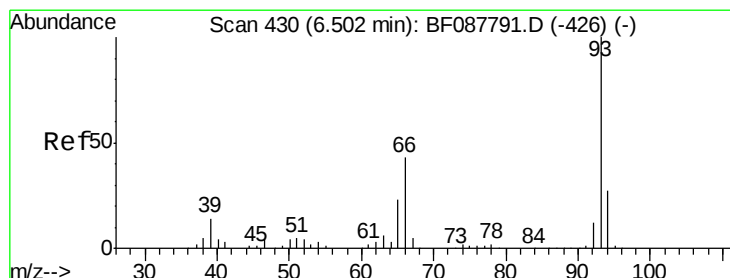
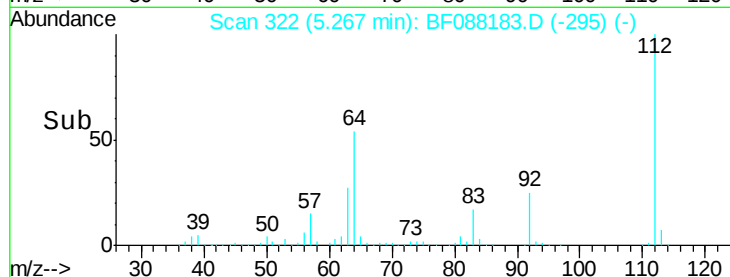
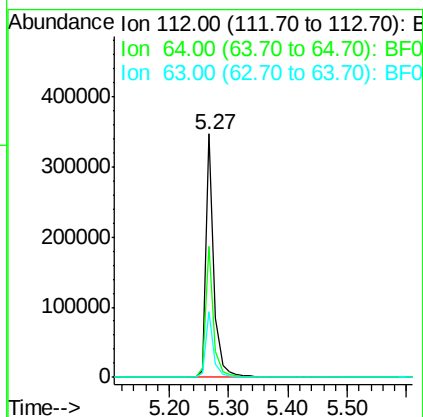
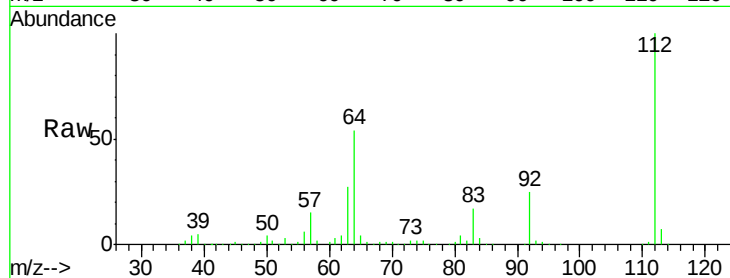
ClientSampled :

PB91363BS

Tot Ion:	112	Resp:	330621
Ion Ratio	Lower	Upper	
112	100		
64	53.9	42.2	63.2
63	27.0	21.8	32.8

Manual Integrations
APPROVED

sohil
6/21/2016 4:22:18 PM



#6

Aniline

Concen: 13.86 ng

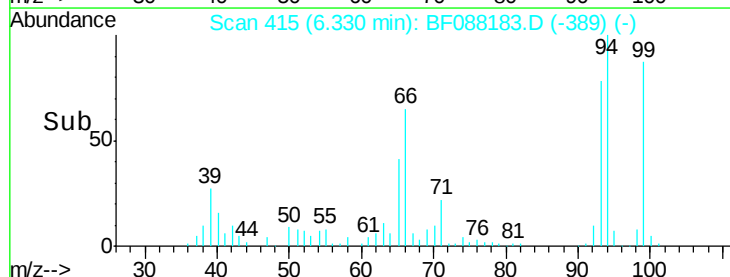
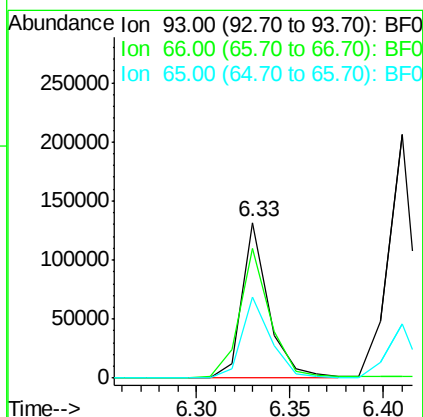
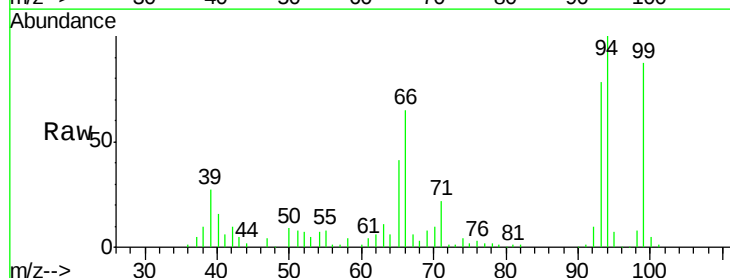
RT: 6.33 min Scan# 415

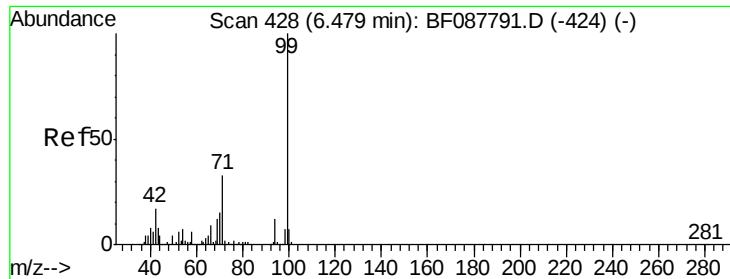
Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Tgt Ion:	93	Resp:	132735
Ion Ratio	Lower	Upper	
93	100		
66	83.5	29.8	44.8#
65	52.4	14.9	22.3#





#7

Phenol-d6

Concen: 56.19 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

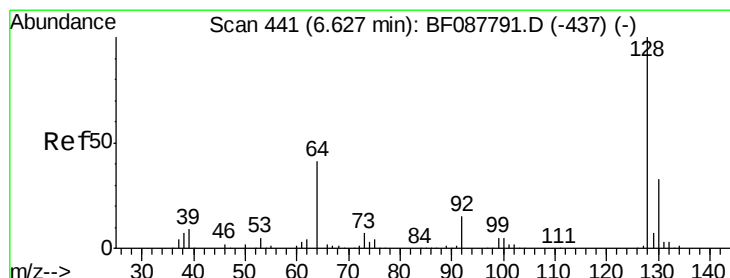
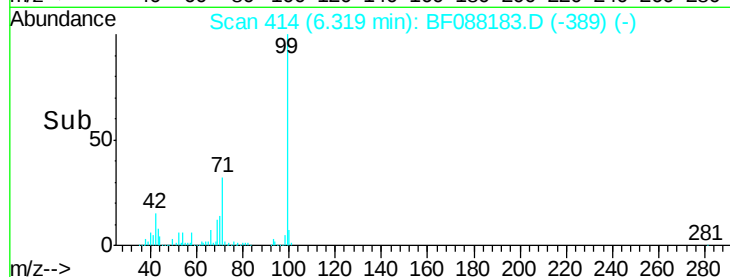
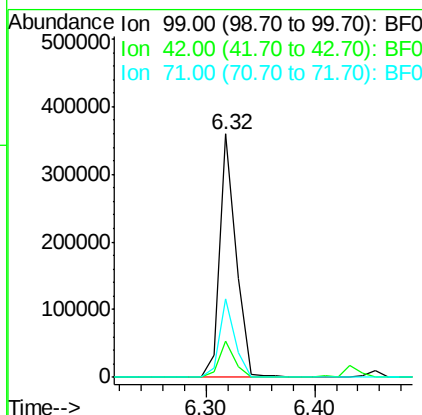
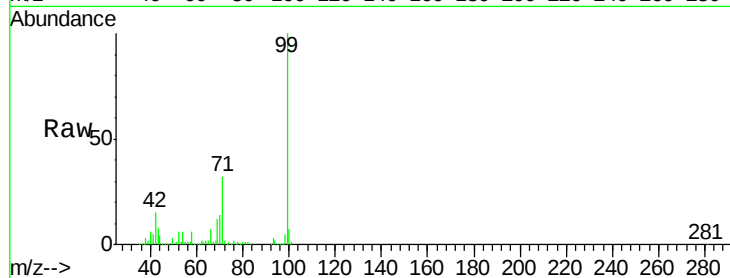
ClientSampleId :

PB91363BS

Tot Ion:	99	Resp:	377968
Ion Ratio	Lower	Upper	
99	100		
42	15.2	12.2	18.2
71	32.1	23.4	35.0

Manual Integrations
APPROVED

sohil
6/21/2016 4:22:18 PM



#8

2-Chlorophenol

Concen: 31.18 ng

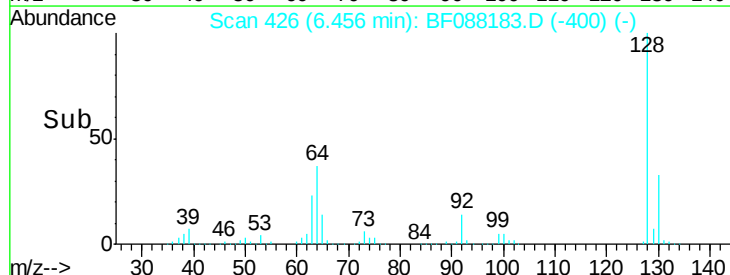
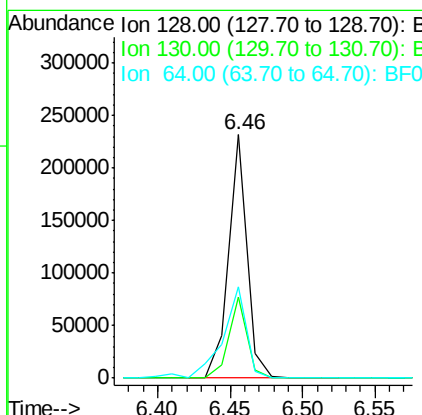
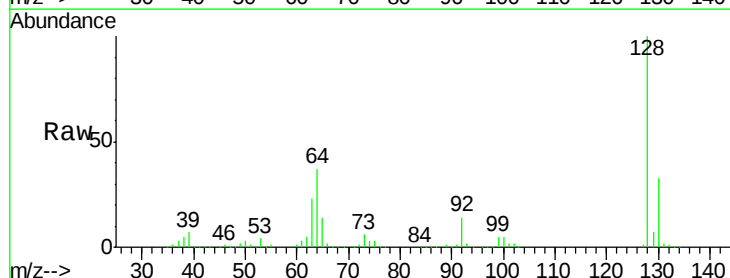
RT: 6.46 min Scan# 426

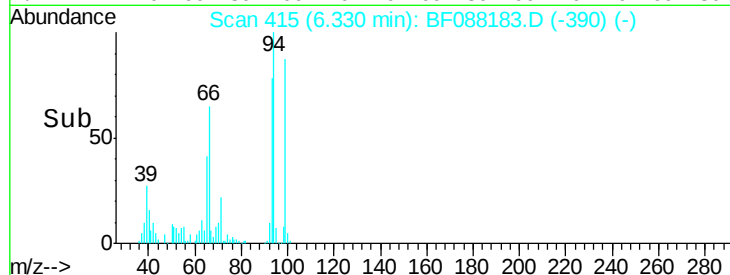
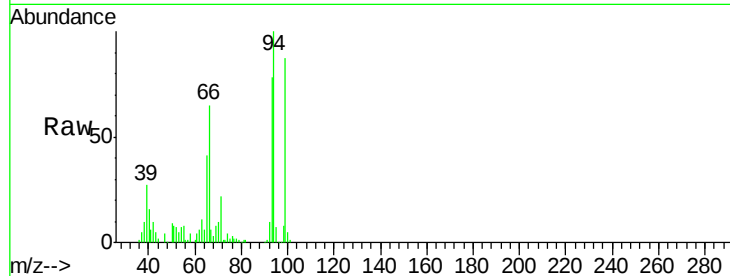
Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Tgt Ion:	128	Resp:	204834
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.0	52.0
64	37.3	30.8	70.8





#10

Phenol

Concen: 28.99 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Tot Ion:	94	Resp:	207492
Ion Ratio	Lower	Upper	
94	100		
65	41.1	5.9	45.9
66	65.4	14.0	54.0#

Instrument :

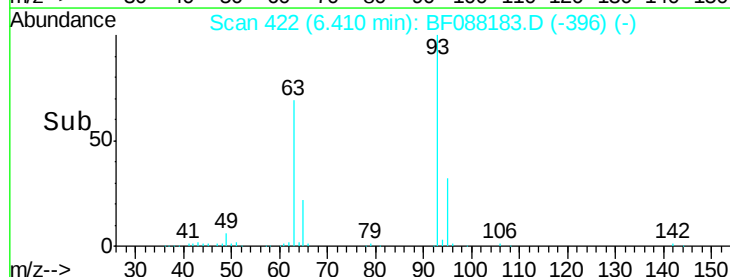
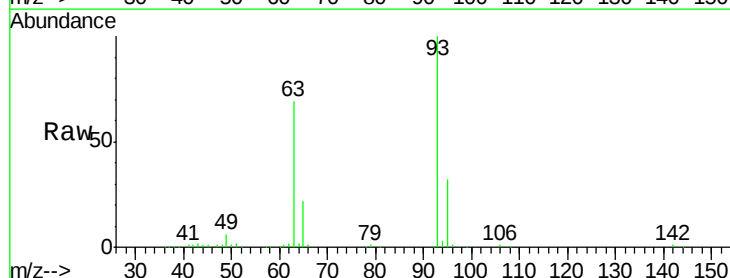
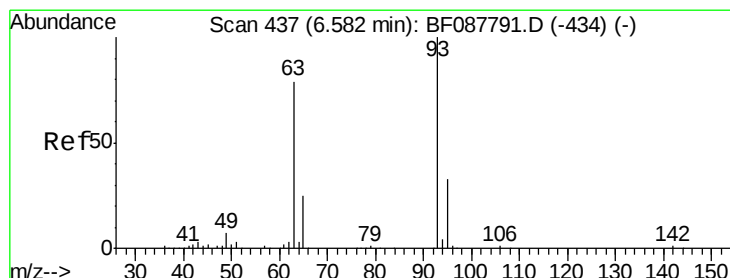
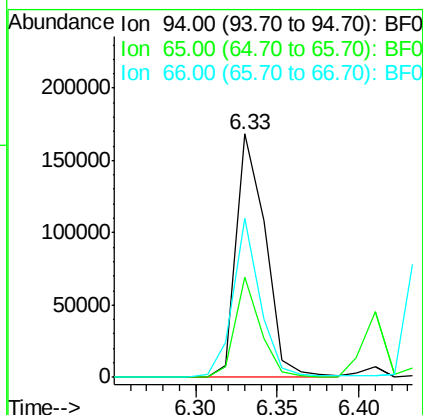
BNA_F

ClientSampleId :

PB91363BS

Manual Integrations
APPROVED

sohil
6/21/2016 4:22:18 PM



#11

bis(2-Chloroethyl)ether

Concen: 30.40 ng

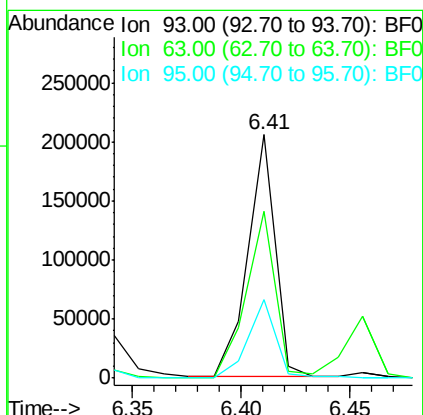
RT: 6.41 min Scan# 422

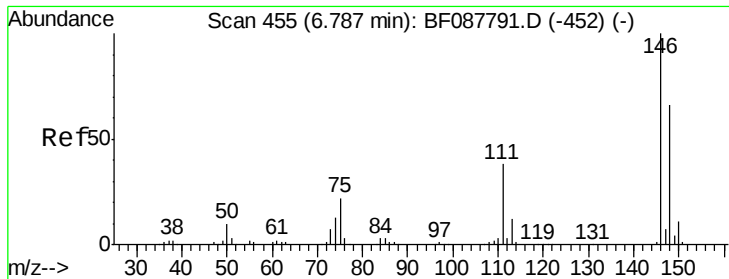
Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Tgt Ion:	93	Resp:	179294
Ion Ratio	Lower	Upper	
93	100		
63	68.7	67.6	107.6
95	32.3	12.5	52.5





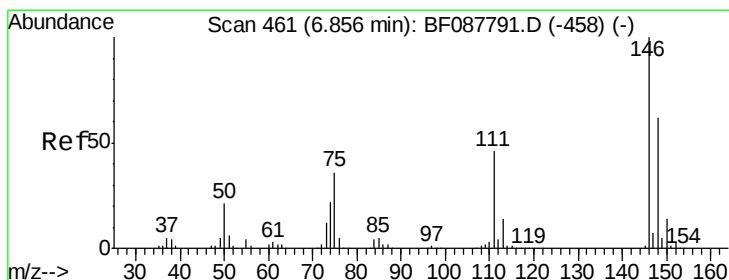
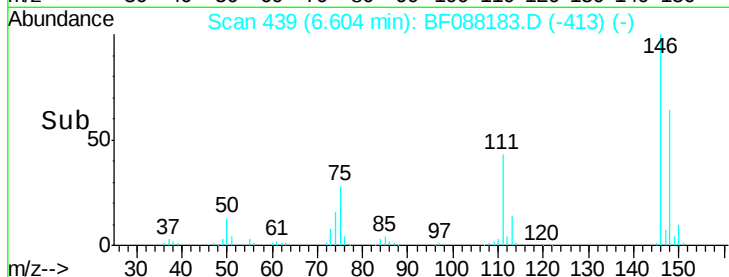
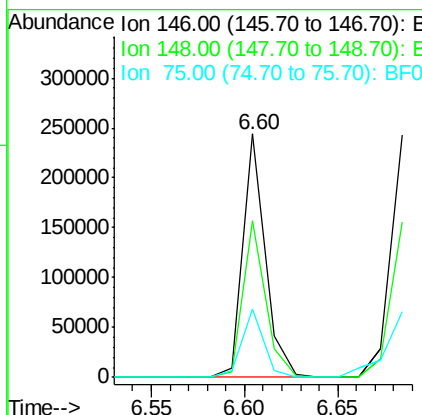
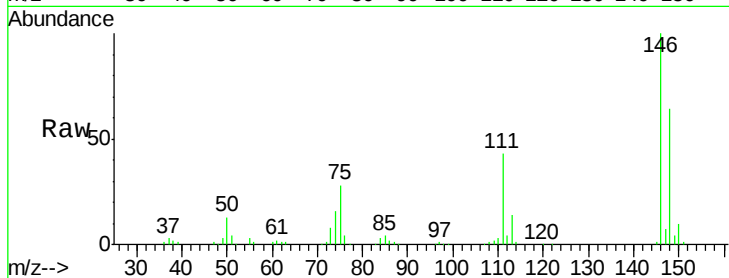
#12
 1,3-Dichlorobenzene
 Concen: 29.15 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91363BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.9	76.3
75	27.8	25.6	38.4

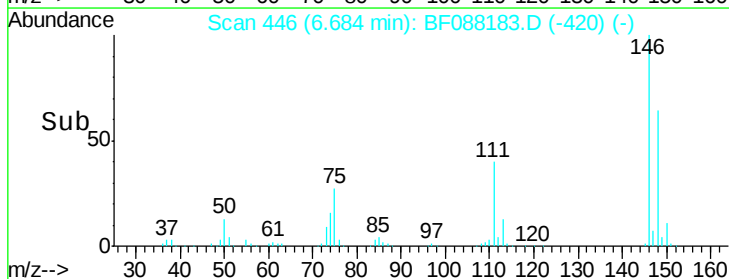
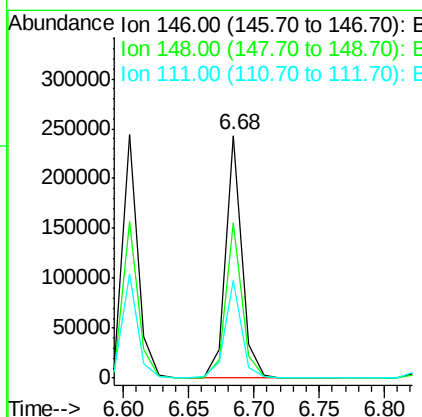
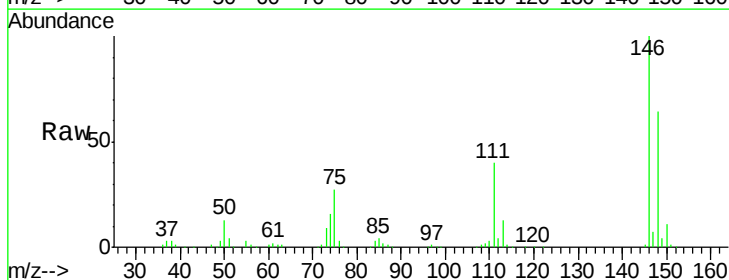
Manual Integrations
 APPROVED

sohil
 6/21/2016 4:22:18 PM



#13
 1,4-Dichlorobenzene
 Concen: 30.03 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.0	78.0
111	40.4	33.8	50.8





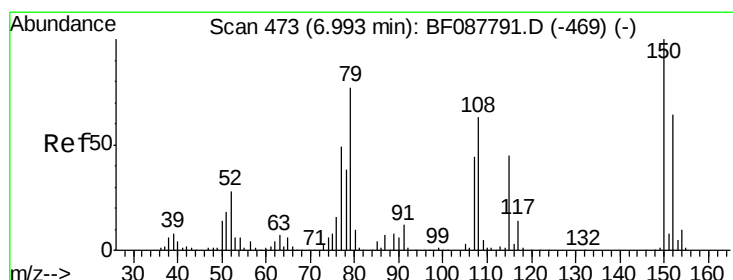
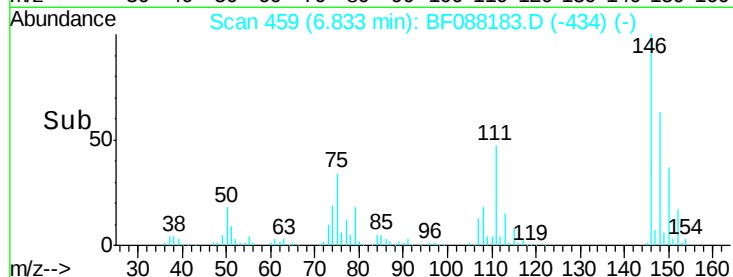
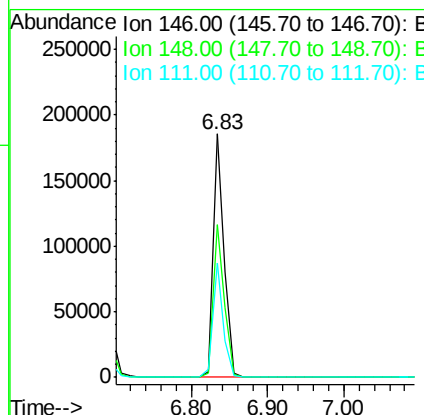
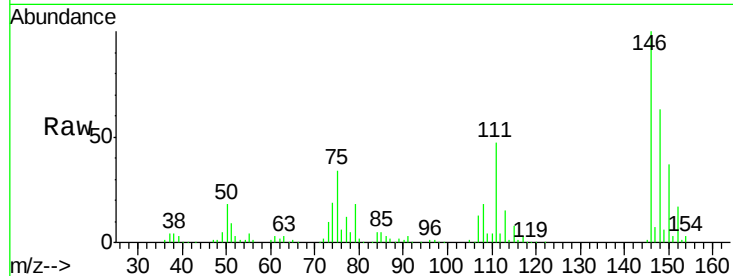
#14
 1,2-Dichlorobenzene
 Concen: 29.08 ng/ml
 RT: 6.83 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Instrument :
 BNA_F
 ClientSampleID :
 PB91363BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.3	78.5
111	47.2	28.7	43.1

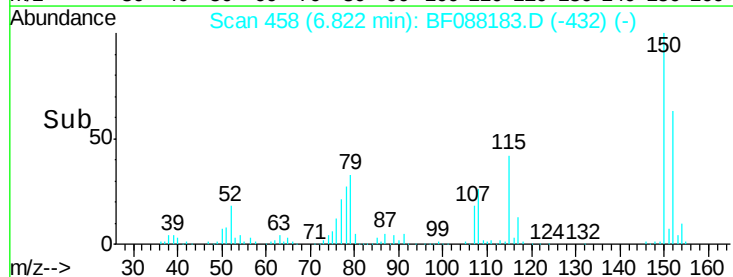
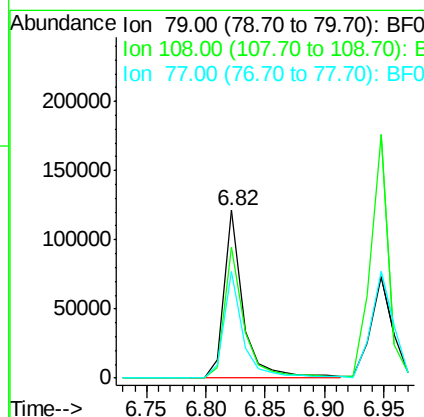
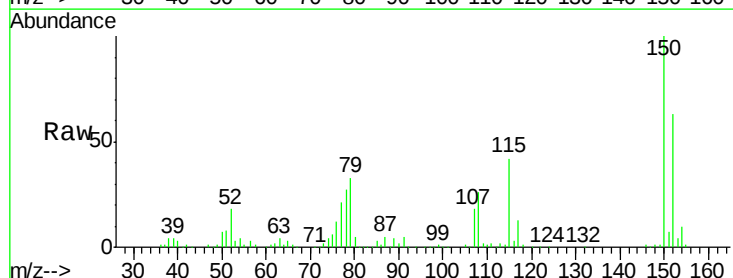
Manual Integrations
 APPROVED

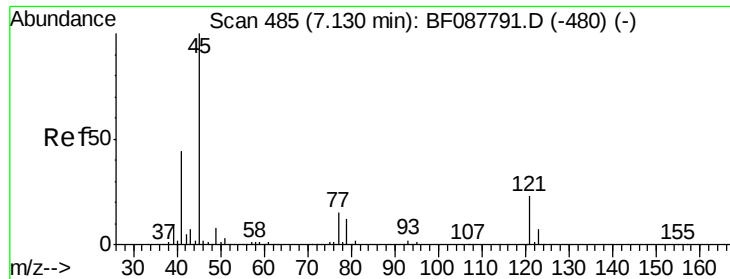
sohil
 6/21/2016 4:22:18 PM



#15
 Benzyl Alcohol
 Concen: 25.61 ng/ml
 RT: 6.82 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Lower	Upper
79	100		
108	78.0	65.0	97.6
77	63.5	50.3	75.5





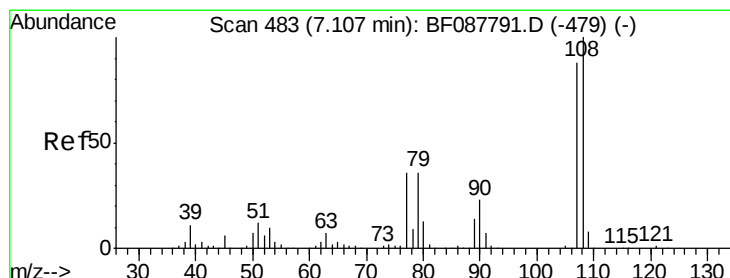
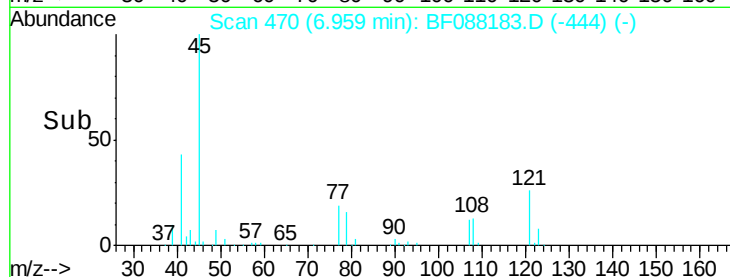
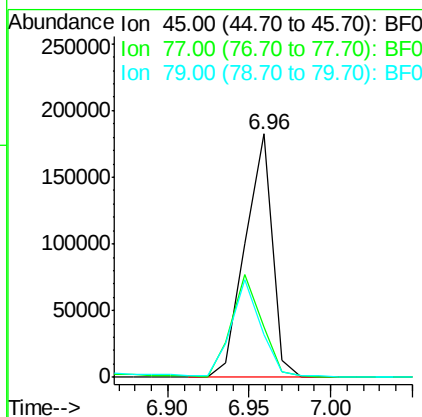
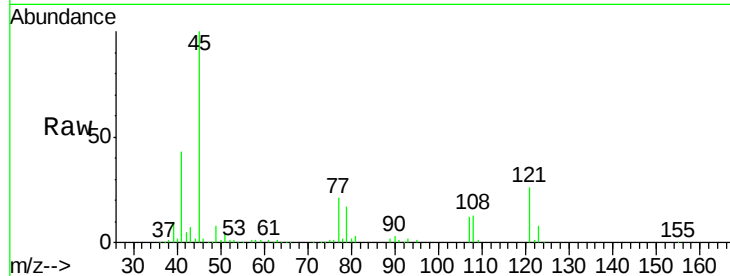
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 26.38 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

Tot Ion	Ratio	Resp	Lower	Upper
45	100	210243		
77	20.9	0.0	32.5	
79	17.3	0.0	29.5	

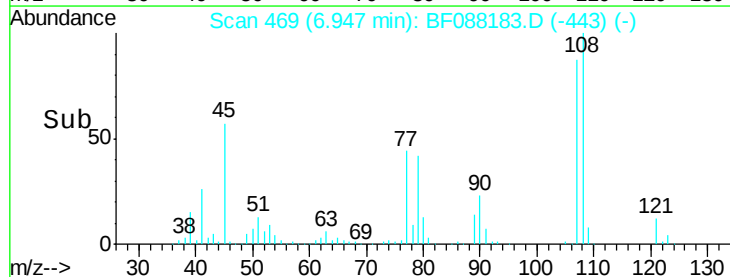
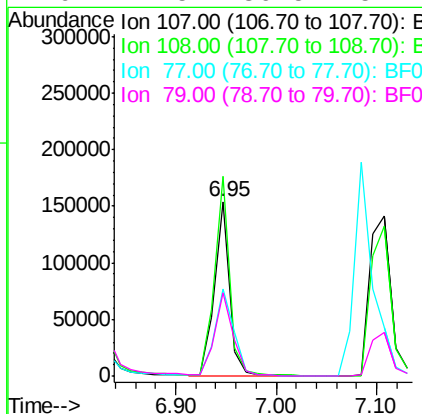
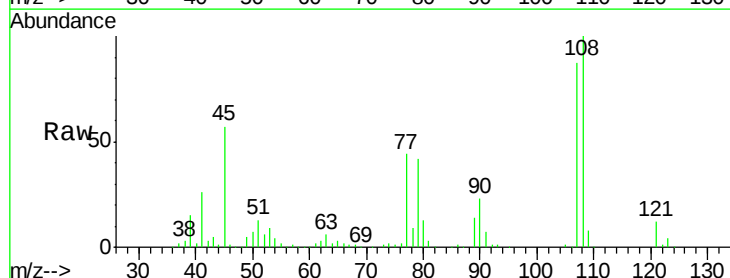
Manual Integrations
APPROVED

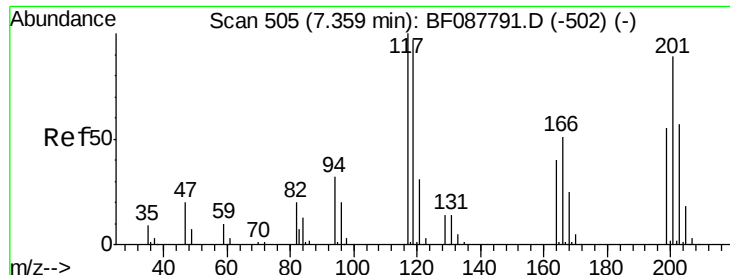
sohil
6/21/2016 4:22:18 PM



#17
2-Methylphenol
Concen: 30.57 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	162871		
108	114.3	90.9	136.3	
77	50.0	36.6	55.0	
79	47.5	36.5	54.7	





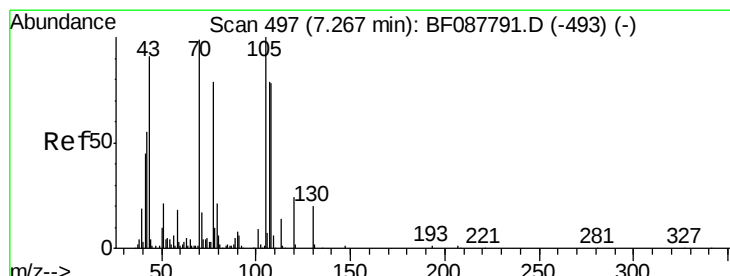
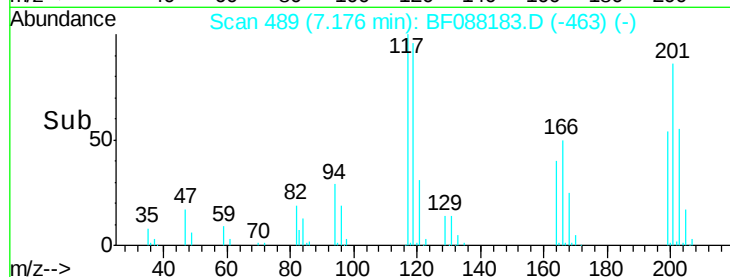
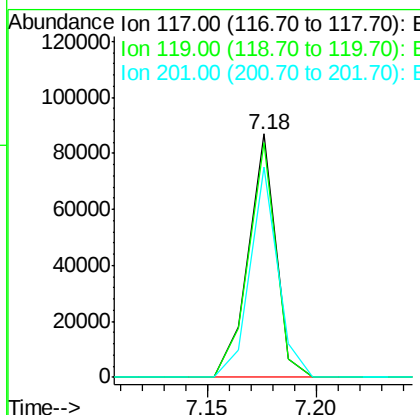
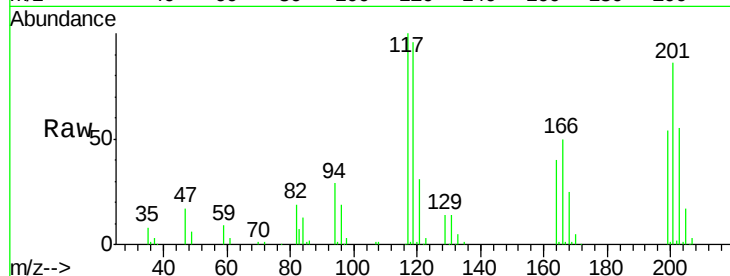
#18
Hexachloroethane
Concen: 30.35 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	76461		
119	96.2	77.4	116.2	
201	86.3	80.4	120.6	

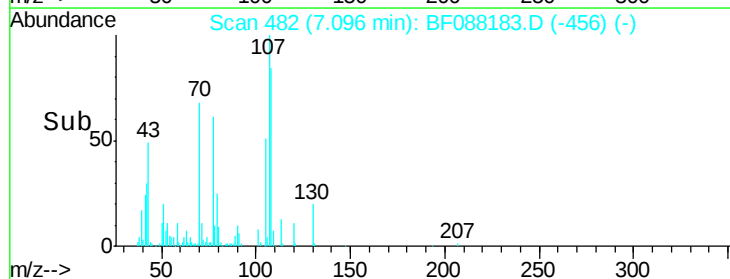
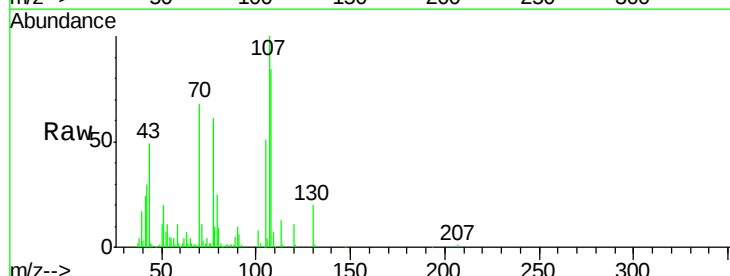
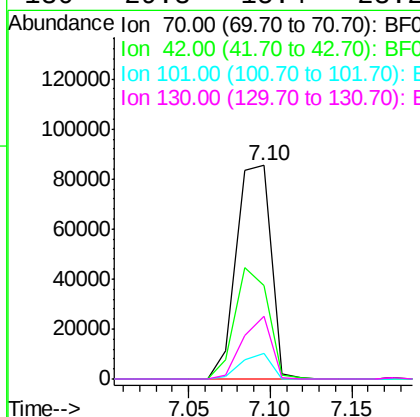
Manual Integrations
APPROVED

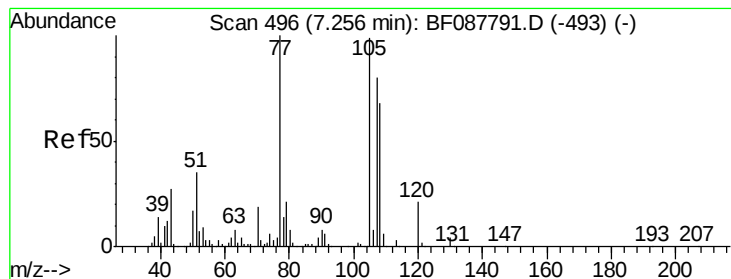
sohil
6/21/2016 4:22:18 PM



#19
n-Nitroso-di-n-propylamine
Concen: 29.06 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	125064		
42	43.7	49.6	74.4#	
101	11.8	7.1	10.7#	
130	29.3	15.4	23.2#	





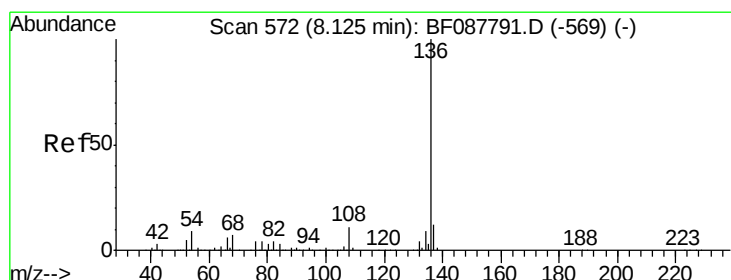
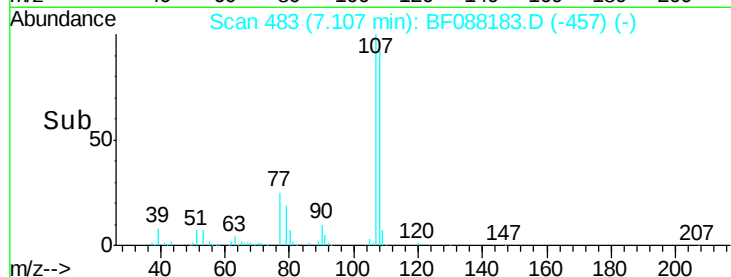
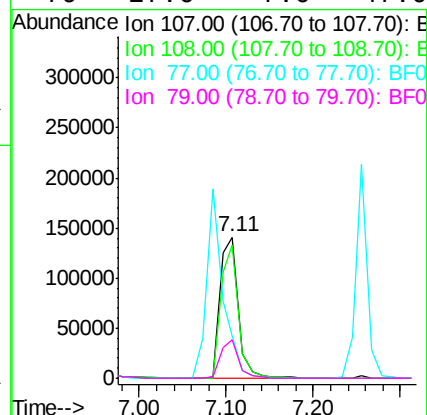
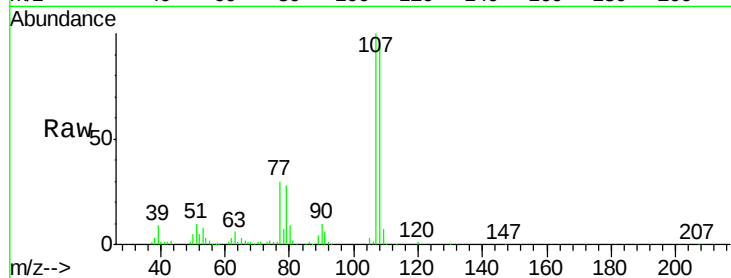
#20
3+4-Methylphenols
Concen: 34.06 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

Tot Ion	107	Resp	211746
Ion Ratio	Lower	Upper	
107	100		
108	94.2	67.8	107.8
77	30.2	59.3	99.3#
79	27.6	7.0	47.0

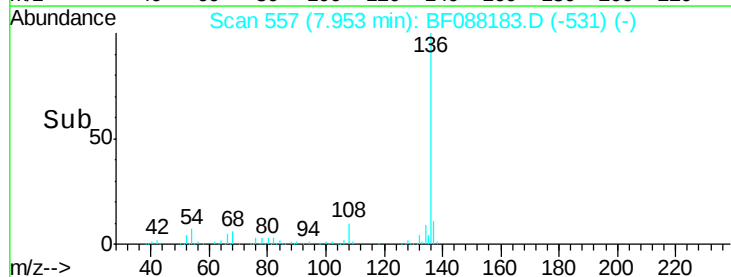
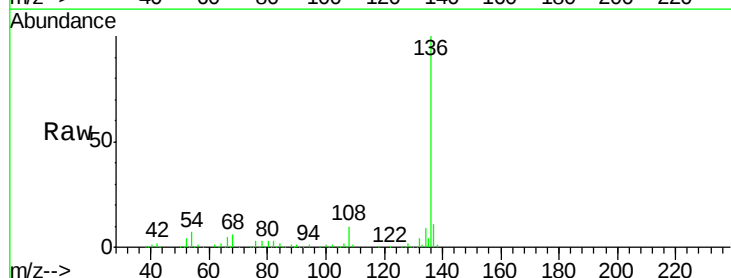
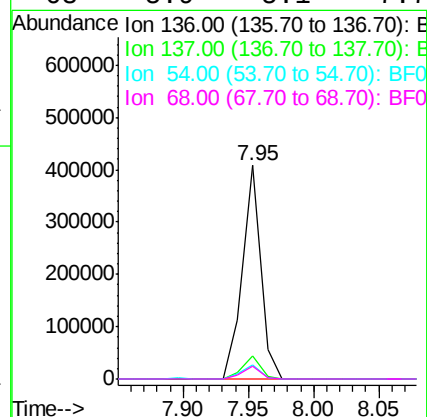
Manual Integrations
APPROVED

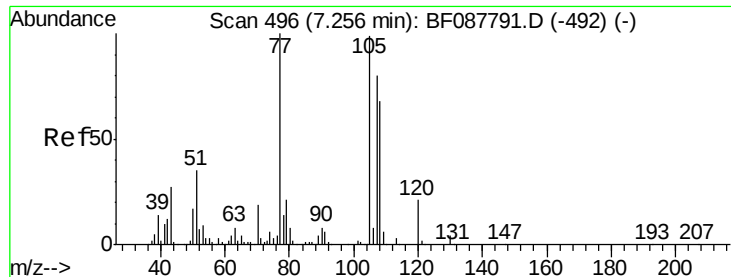
sohil
6/21/2016 4:22:18 PM



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion	136	Resp	397171
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	6.9	6.6	10.0
68	5.9	5.1	7.7





#22

Acetophenone

Concen: 29.26 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF088183.D

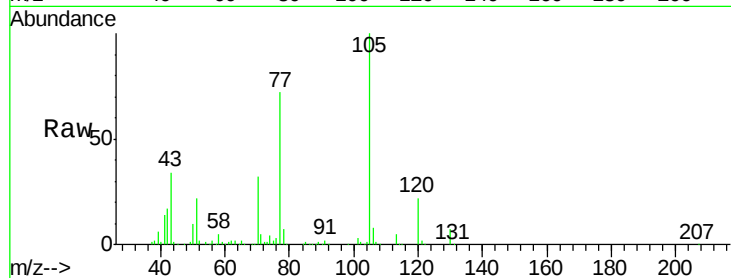
Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

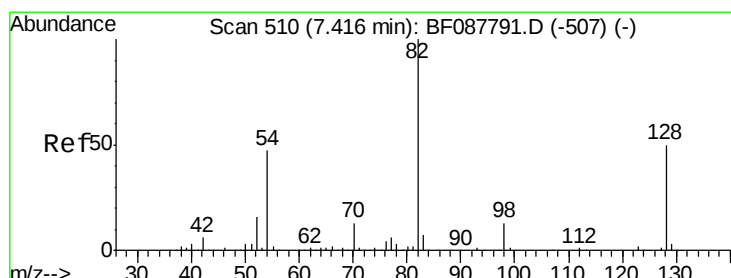
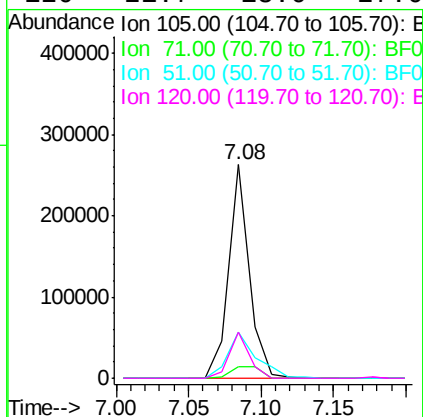
PB91363BS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	259703		
71	71	5.4		5.3	7.9
51	51	21.7		18.2	27.4
120	120	21.7		18.0	27.0

Manual Integrations
APPROVED

sohil
6/21/2016 4:22:18 PM



#23

Nitrobenzene-d5

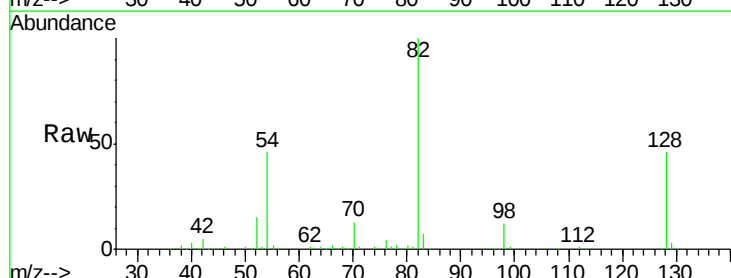
Concen: 52.34 ng

RT: 7.23 min Scan# 494

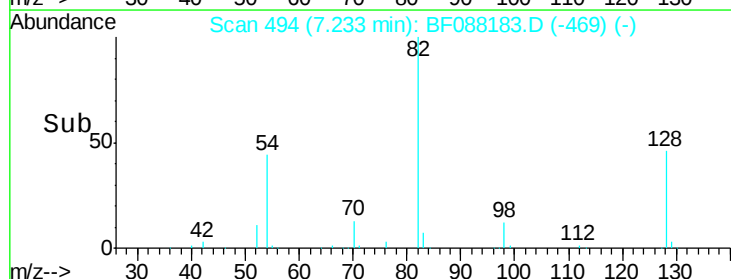
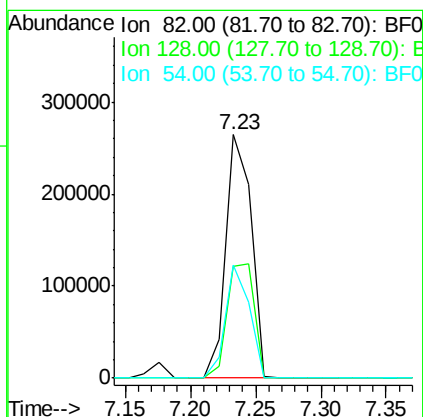
Delta R.T. -0.01 min

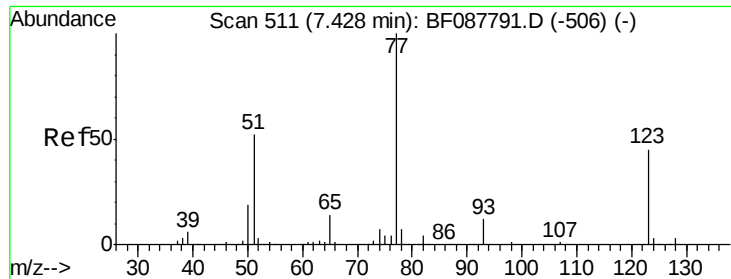
Lab File: BF088183.D

Acq: 20 Jun 2016 20:53



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100	356004		
128	128	45.7		35.9	53.9
54	54	46.4		40.9	61.3





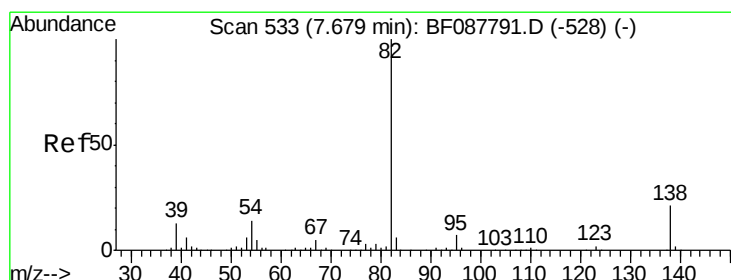
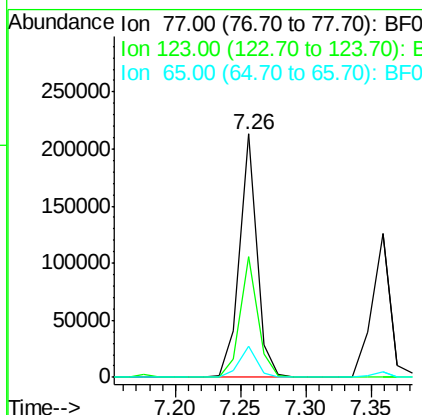
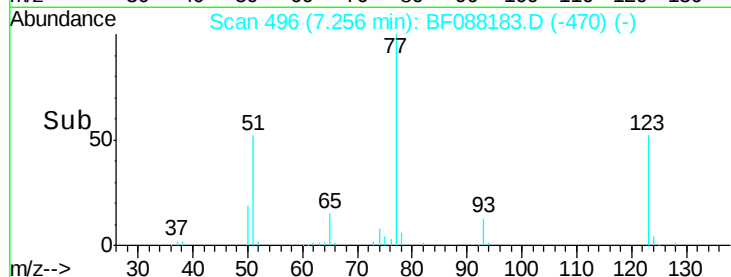
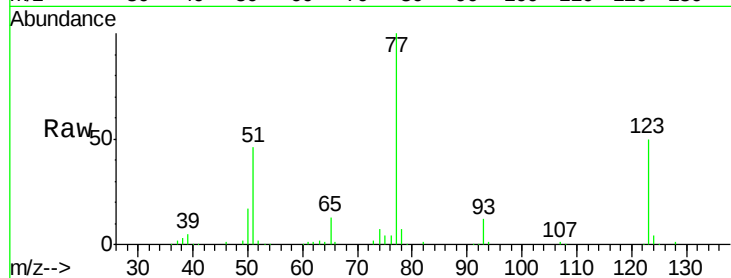
#24
Nitrobenzene
Concen: 30.10 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

Tot Ion	Ratio	Lower	Upper
77	100		
123	49.6	45.0	67.4
65	12.7	10.2	15.2

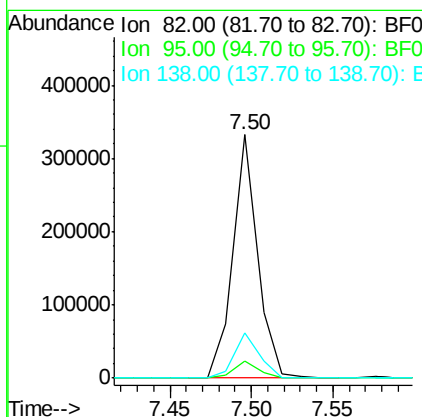
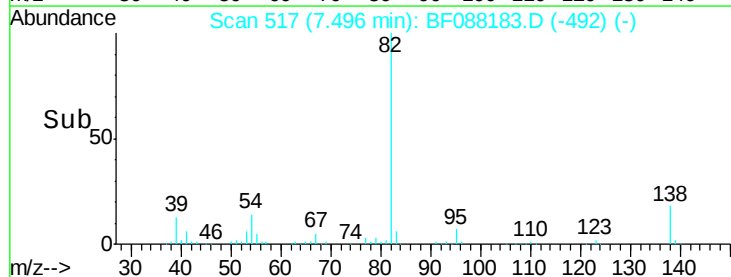
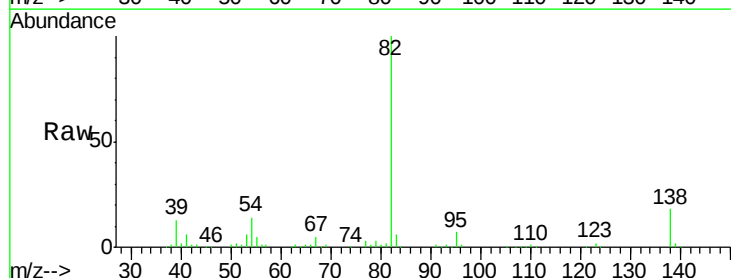
Manual Integrations
APPROVED

sohil
6/21/2016 4:22:18 PM



#25
Isophorone
Concen: 27.48 ng
RT: 7.50 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.4	8.2
138	18.4	14.6	21.8





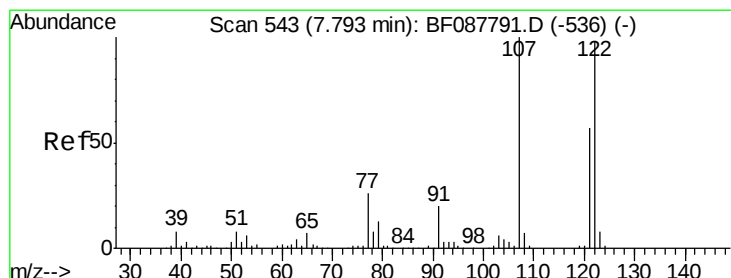
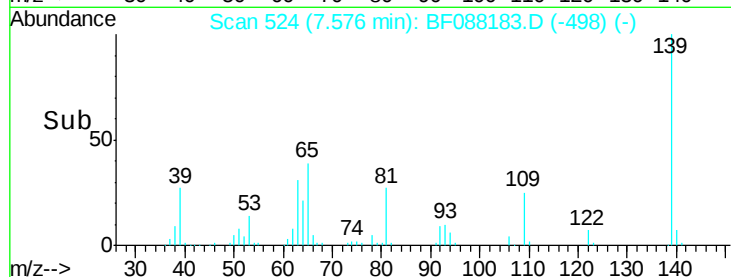
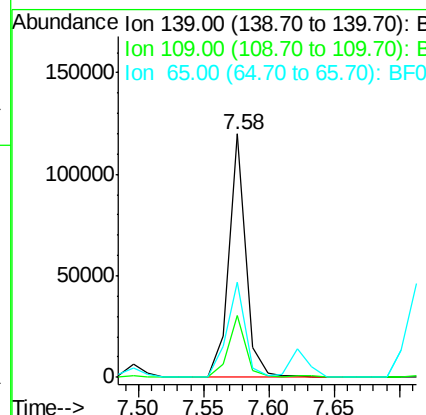
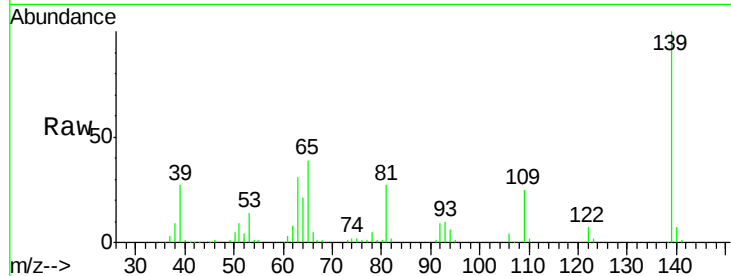
#26
2-Nitrophenol
Concen: 30.97 ng
RT: 7.58 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	25.4	23.0	34.4	
65	39.0	45.8	68.8	

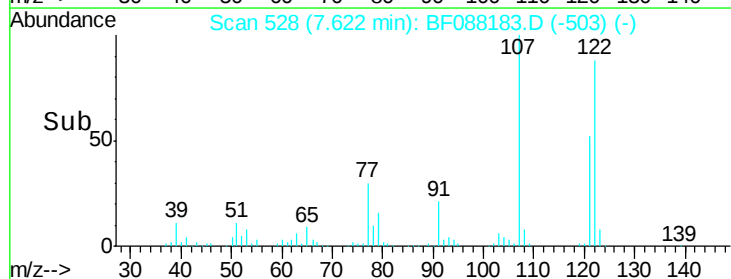
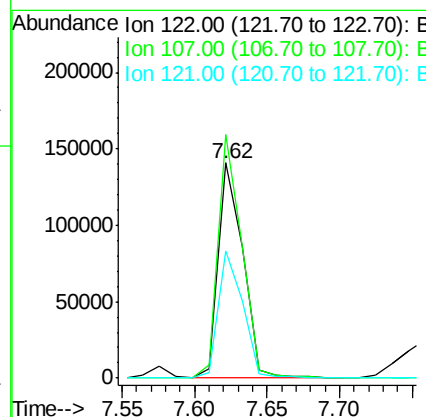
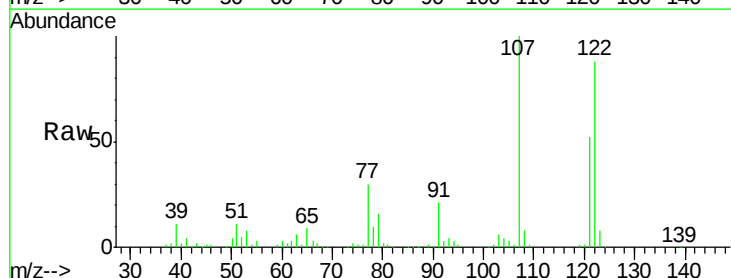
Manual Integrations
APPROVED

sohil
6/21/2016 4:22:18 PM



#27
2,4-Dimethylphenol
Concen: 25.65 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	113.2	82.4	123.6	
121	58.9	46.3	69.5	





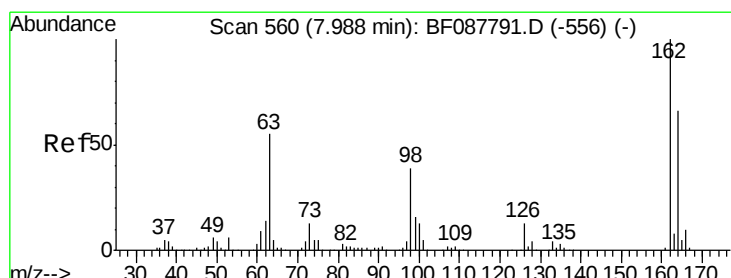
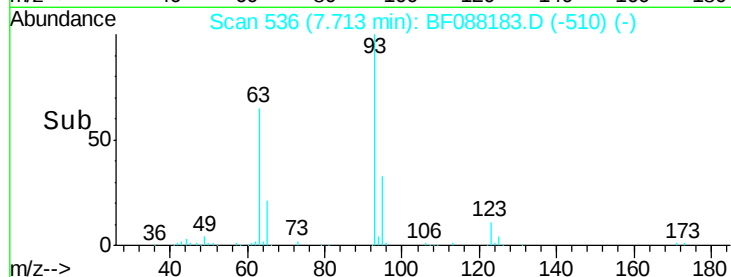
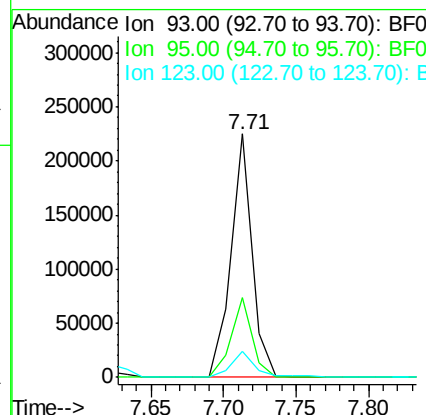
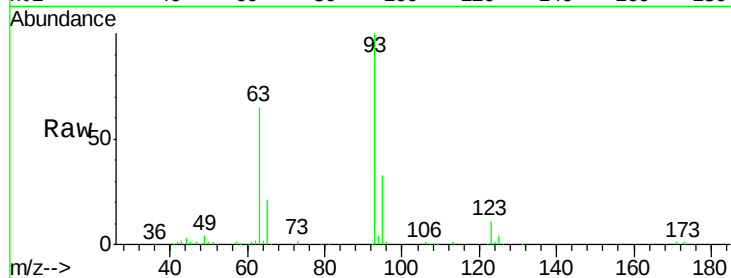
#28
bis(2-Chloroethoxy)methane
Concen: 29.07 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.0	26.5	39.7	
123	10.9	11.6	17.4	

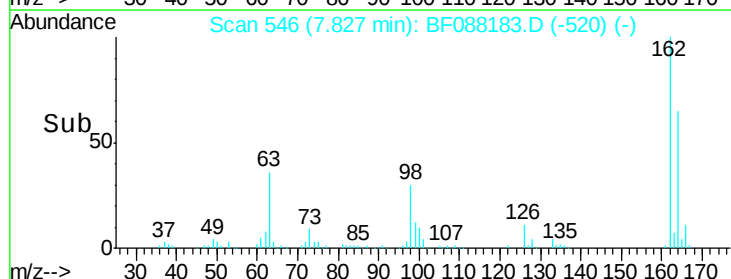
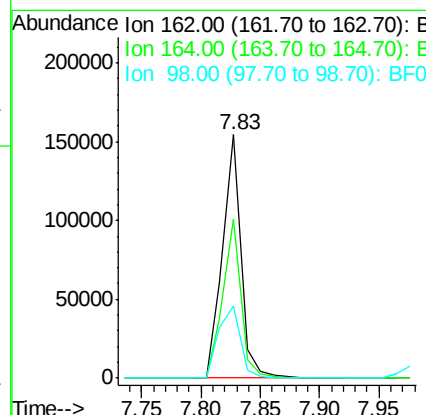
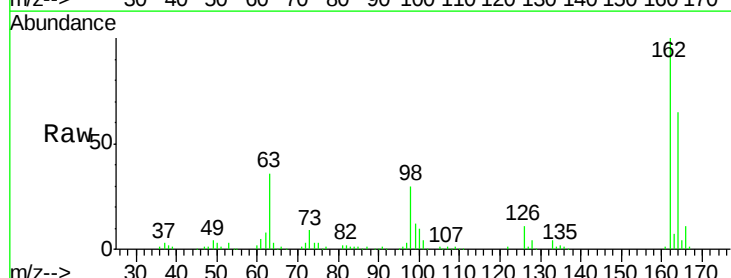
Manual Integrations
APPROVED

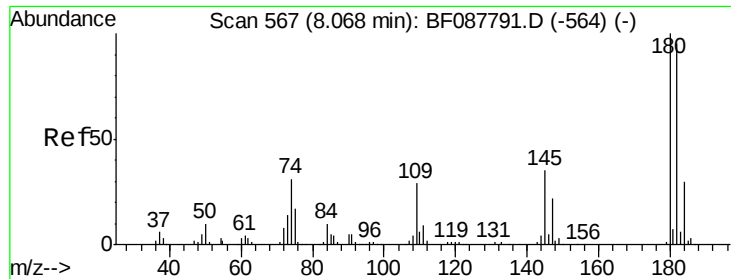
sohil
6/21/2016 4:22:18 PM



#29
2,4-Dichlorophenol
Concen: 30.39 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.5	43.8	83.8	
98	29.7	21.3	61.3	





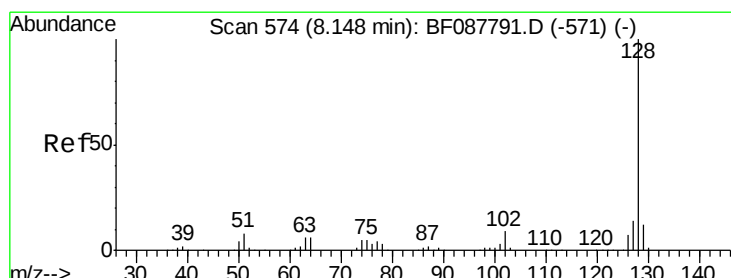
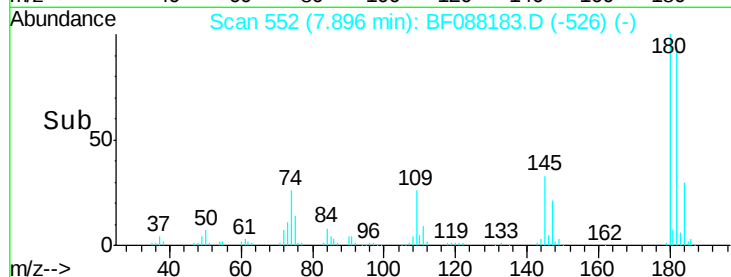
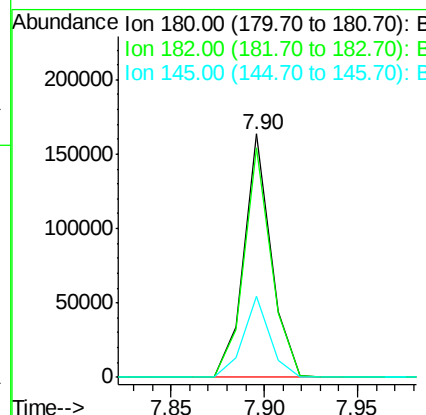
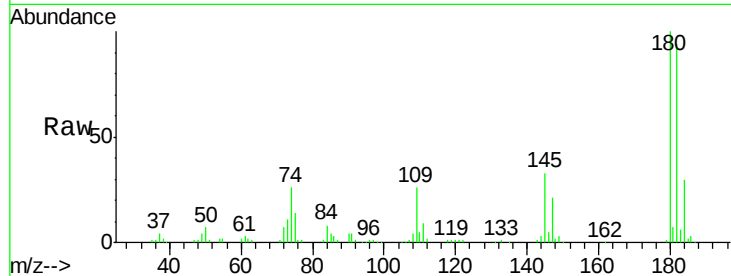
#30
1,2,4-Trichlorobenzene
Concen: 28.18 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	166490		
182	94.1	76.0	114.0	
145	33.1	26.5	39.7	

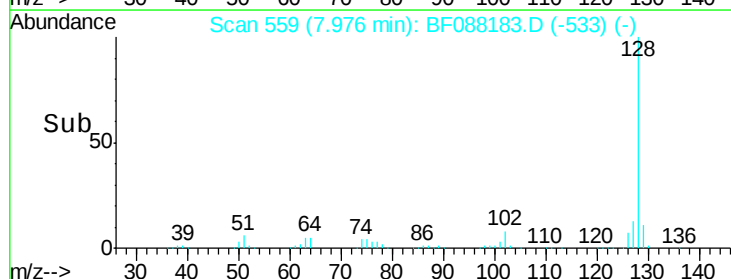
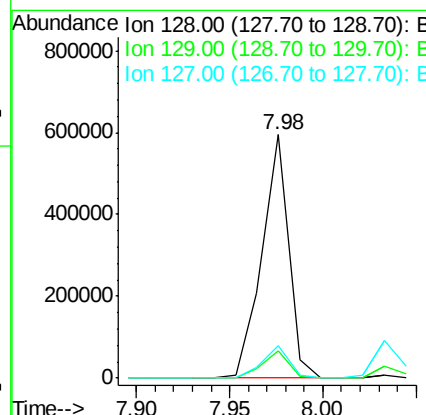
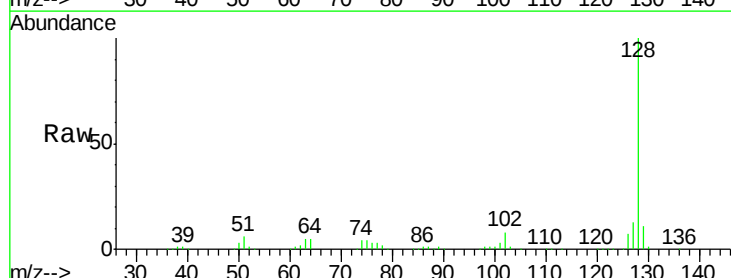
Manual Integrations
APPROVED

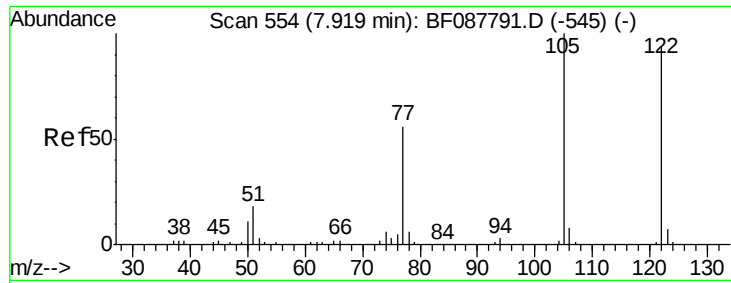
sohil
6/21/2016 4:22:18 PM



#31
Naphthalene
Concen: 29.90 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	587696		
129	11.3	9.4	14.2	
127	13.3	10.9	16.3	





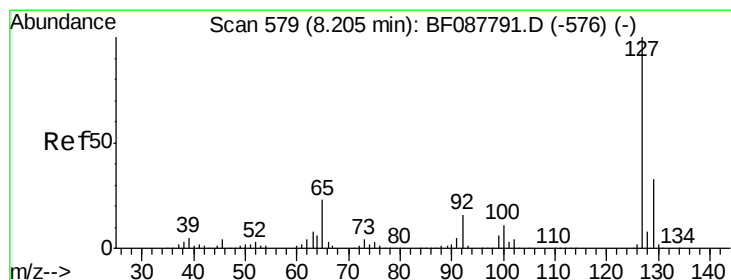
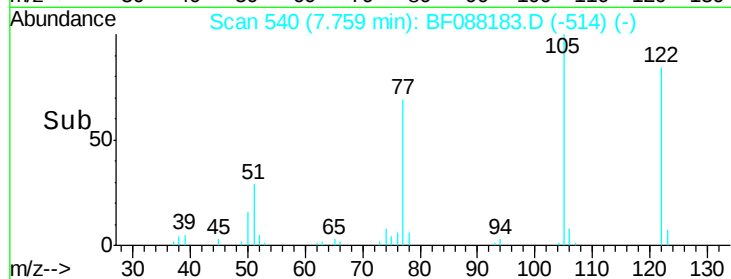
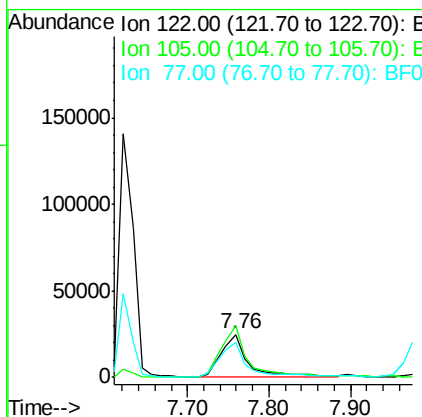
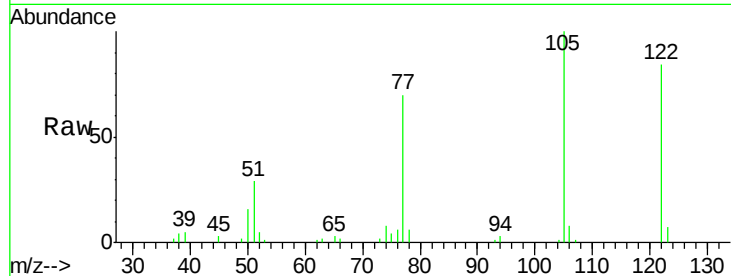
#32
Benzoic acid
Concen: 15.12 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

Tot Ion	Ratio	Lower	Upper
122	100		
105	118.5	101.6	141.6
77	82.6	70.6	110.6

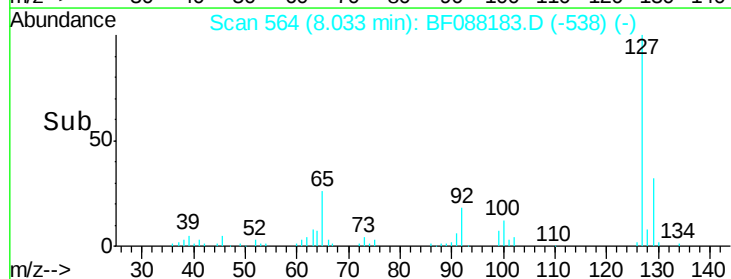
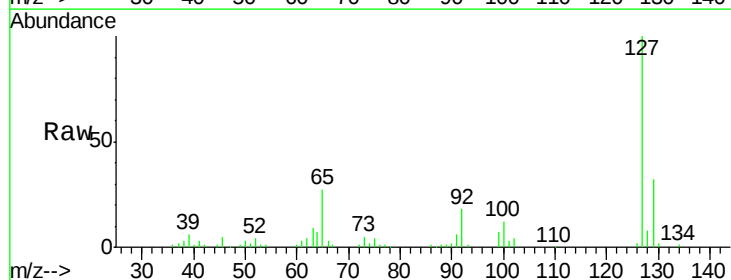
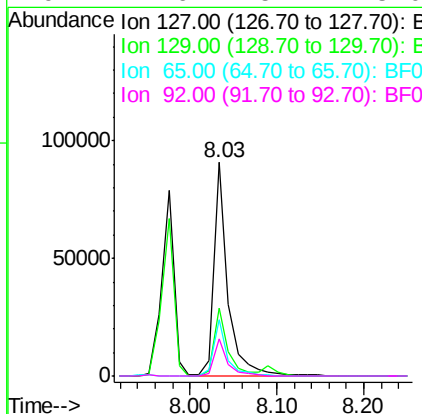
Manual Integrations
APPROVED

sohil
6/21/2016 4:22:18 PM



#33
4-Chloroaniline
Concen: 11.69 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.3	39.5
65	26.6	24.7	37.1
92	17.6	15.4	23.0





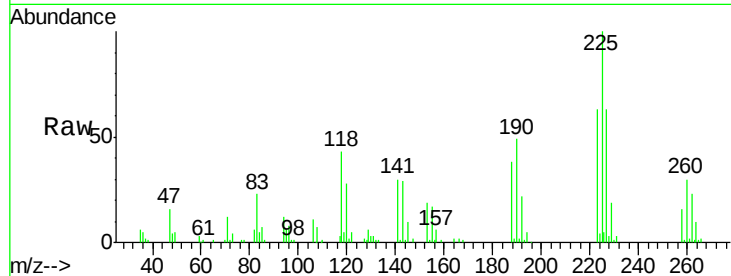
#34
Hexachlorobutadiene
Concen: 27.81 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.9	76.3
227	63.0	51.9	77.9

Manual Integrations
APPROVED

sohil
6/21/2016 4:22:18 PM

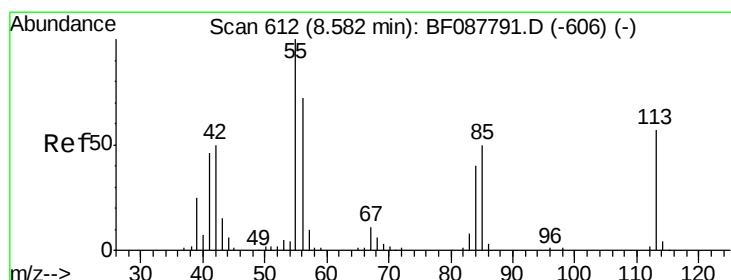
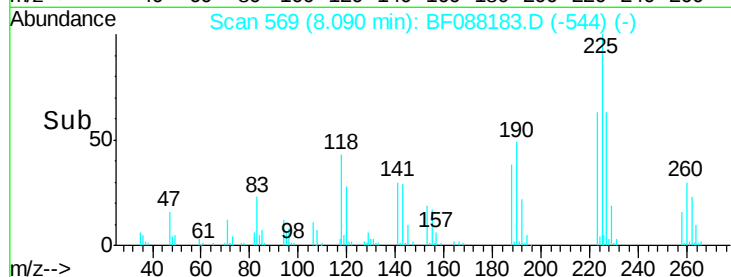
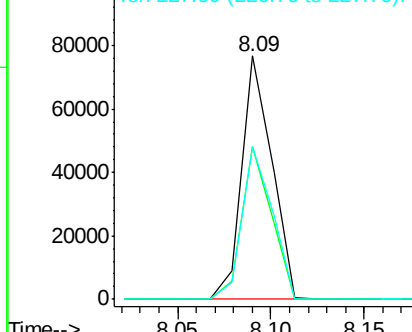


Abundance

Ion 225.00 (224.70 to 225.70): E

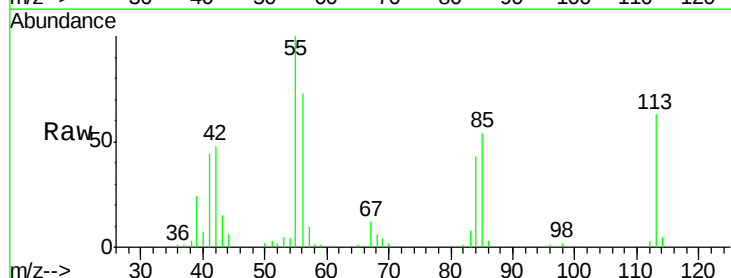
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 29.24 ng m
RT: 8.40 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Lower	Upper
113	100		
55	159.0	158.6	198.6
56	116.5	110.6	150.6

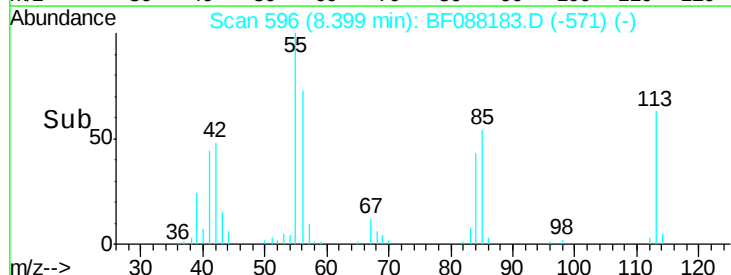
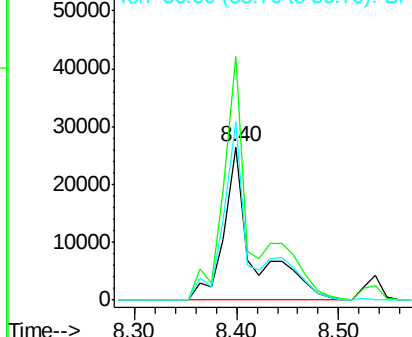


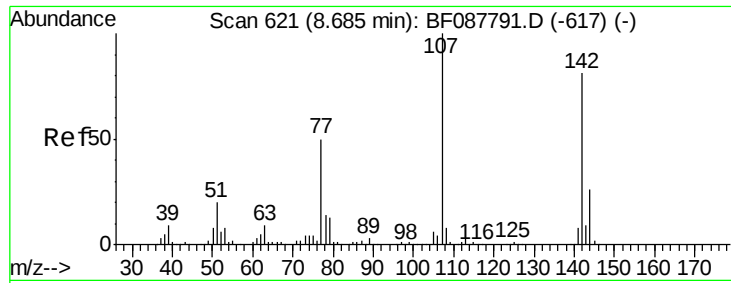
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





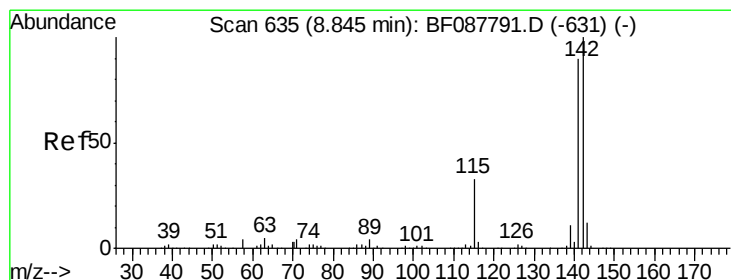
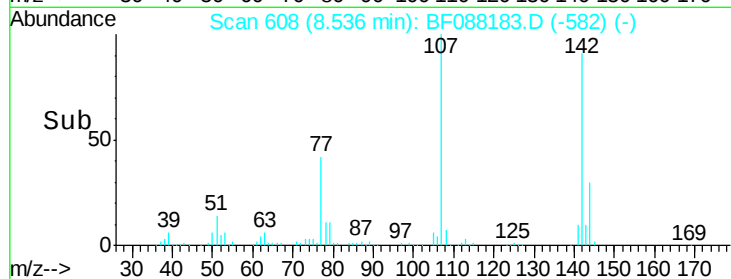
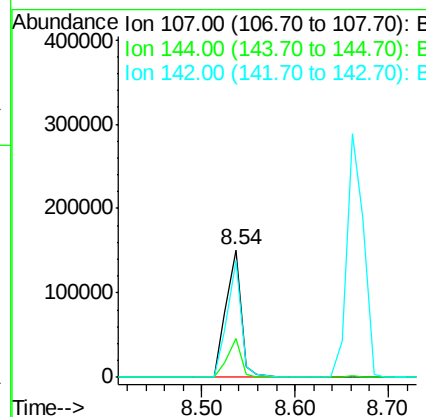
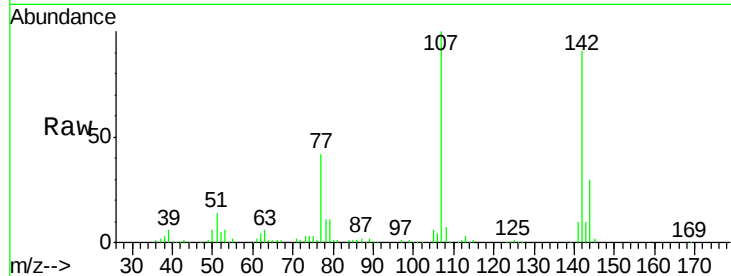
#36
 4-Chloro-3-methylphenol
 Concen: 29.64 ng
 RT: 8.54 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91363BS

Tot Ion:	107	Resp:	171992
Ion Ratio	Lower	Upper	
107	100		
144	30.3	20.8	31.2
142	91.5	63.4	95.2

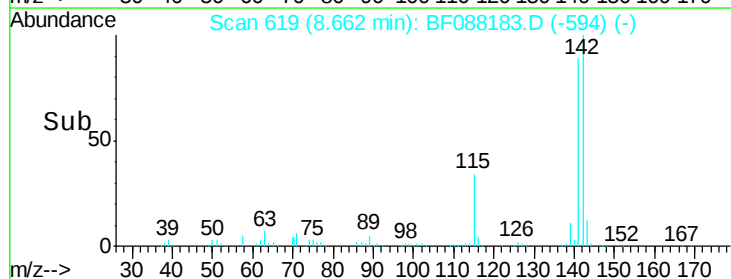
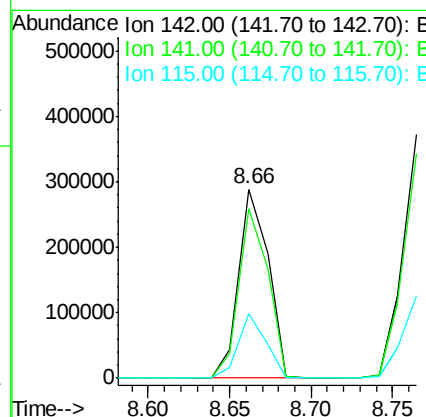
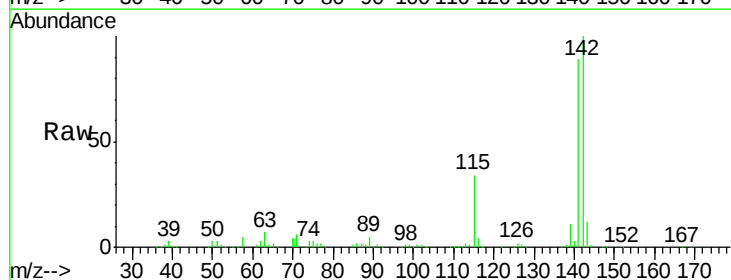
Manual Integrations
 APPROVED

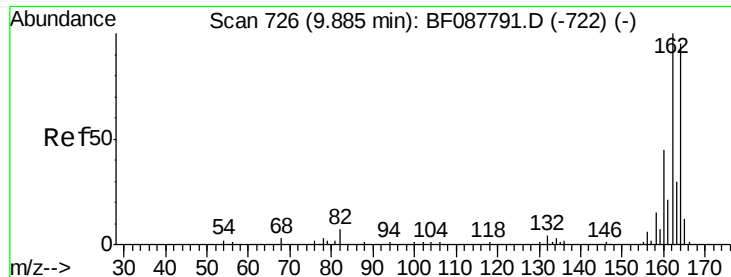
sohil
 6/21/2016 4:22:18 PM



#37
 2-Methylnaphthalene
 Concen: 27.87 ng
 RT: 8.66 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Tgt Ion:	142	Resp:	361084
Ion Ratio	Lower	Upper	
142	100		
141	89.4	71.0	106.6
115	34.4	22.6	33.8#





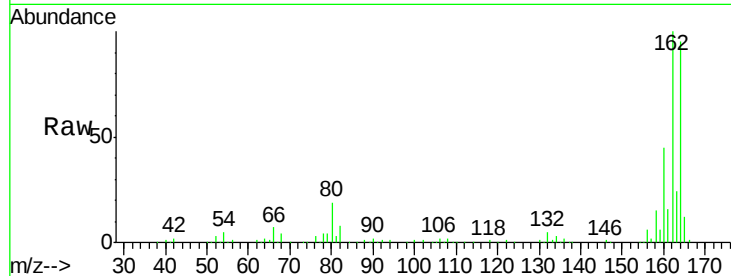
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

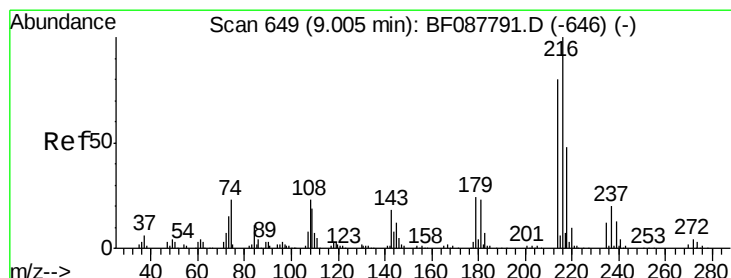
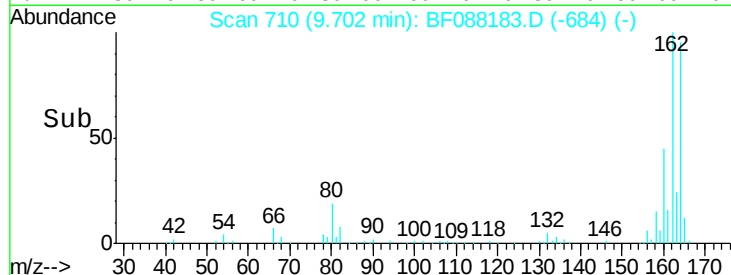
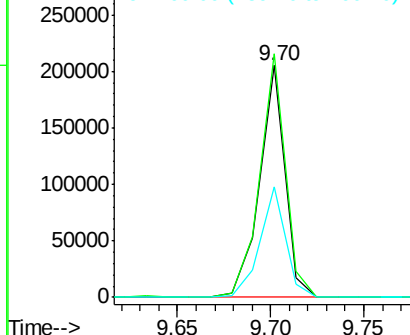
Tot Ion	164	Resp	191290
Ion Ratio	Lower	Upper	
164	100		
162	105.1	85.4	128.2
160	47.6	39.5	59.3

Manual Integrations
APPROVED

sohil
6/21/2016 4:22:18 PM



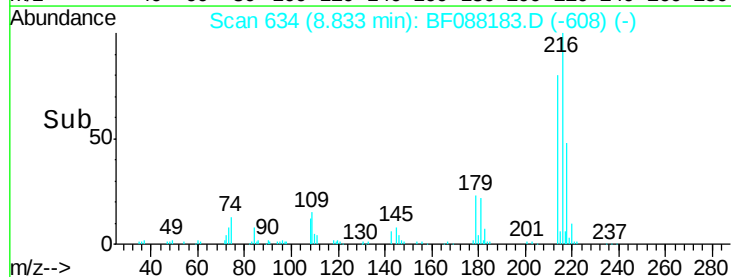
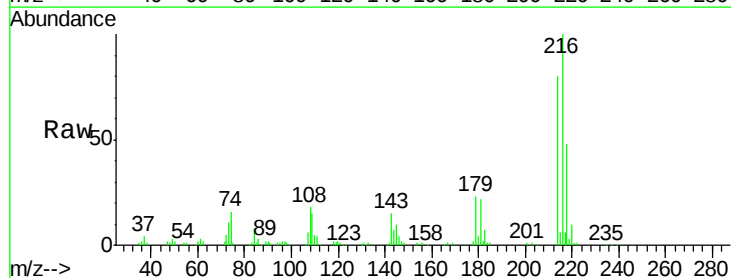
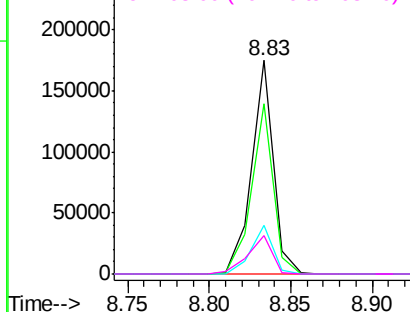
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

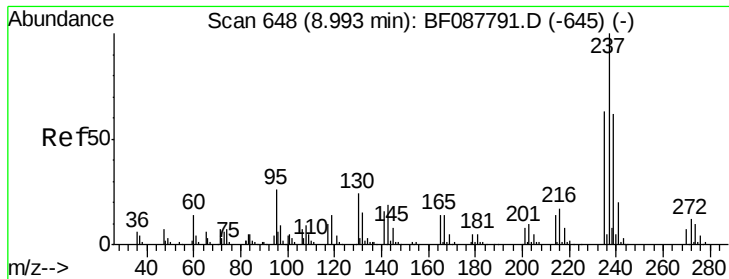


#39
1,2,4,5-Tetrachlorobenzene
Concen: 28.82 ng
RT: 8.83 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion	216	Resp	161543
Ion Ratio	Lower	Upper	
216	100		
214	79.4	2.9	4.3#
179	22.7	0.0	0.0#
108	21.0	0.5	0.7#

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: 24.21 ng

RT: 8.82 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

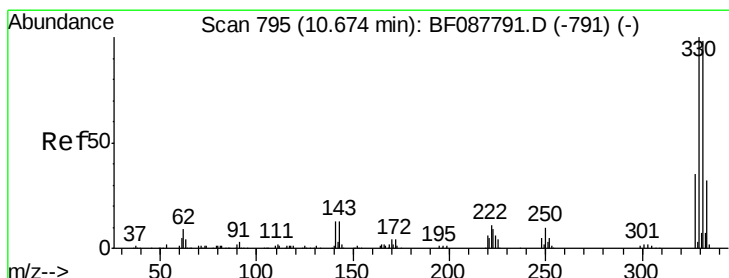
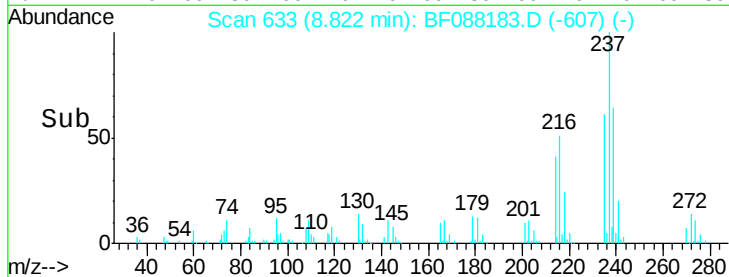
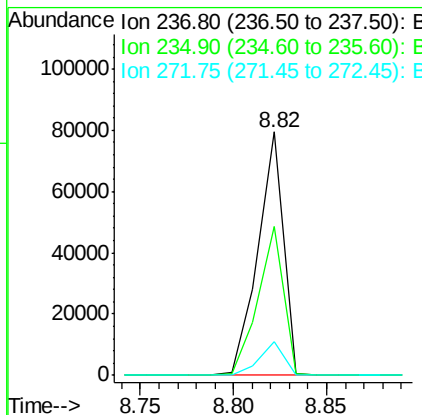
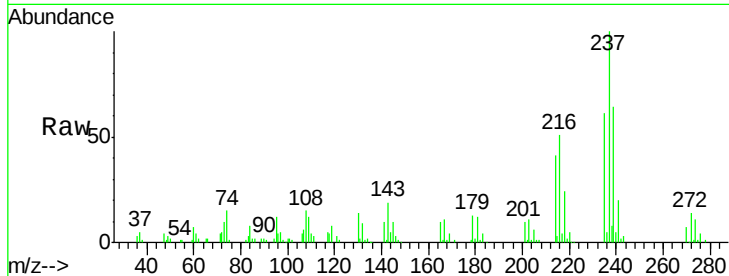
ClientSampleId :

PB91363BS

Tot Ion:	237	Resp:	74705
Ion Ratio	Lower	Upper	
237	100		
235	61.2	43.4	83.4
272	14.0	0.0	32.3

Manual Integrations
APPROVED

sohil
6/21/2016 4:22:18 PM



#41

2,4,6-Tribromophenol

Concen: 47.91 ng

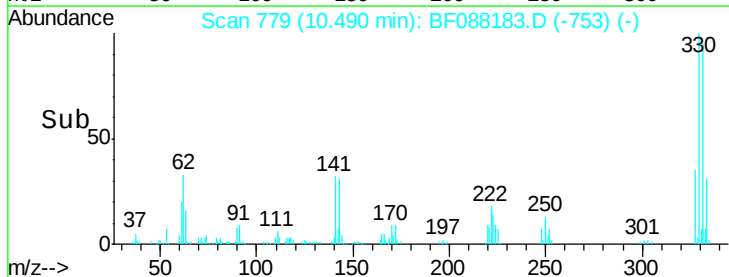
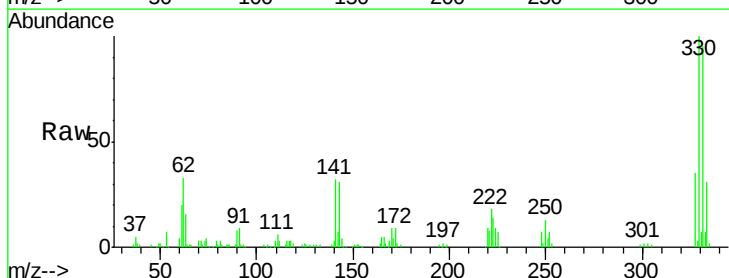
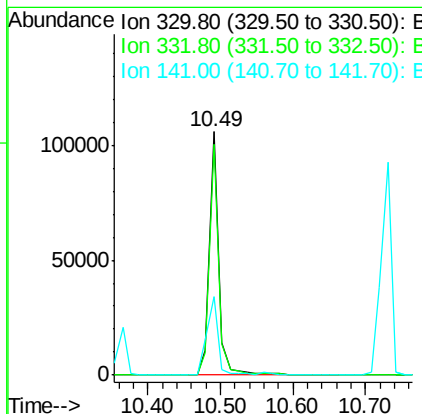
RT: 10.49 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Tgt Ion:	330	Resp:	96775
Ion Ratio	Lower	Upper	
330	100		
332	94.4	0.0	0.0#
141	38.3	0.0	0.0#





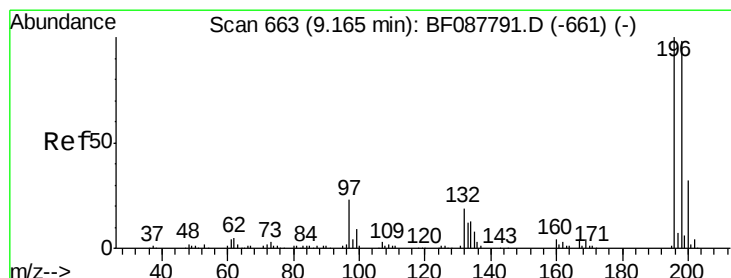
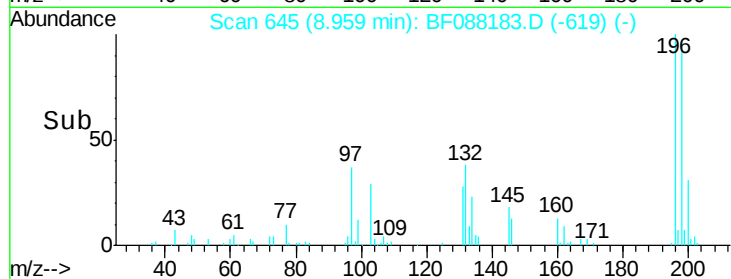
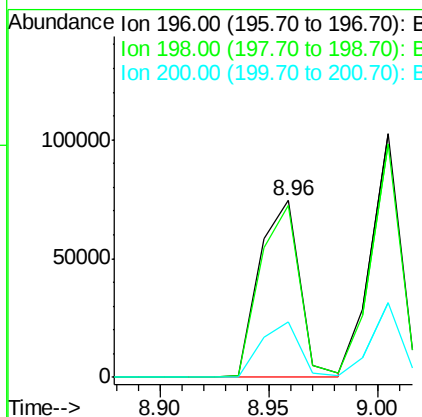
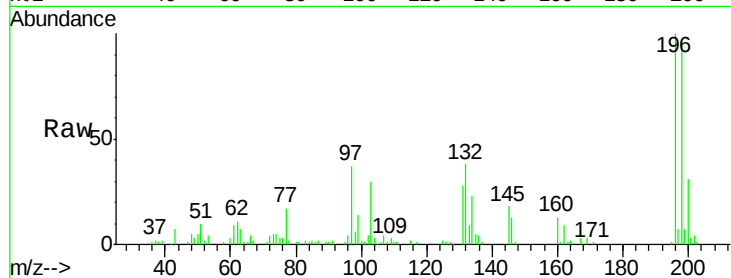
#42
 2,4,6-Trichlorophenol
 Concen: 25.16 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Instrument :
 BNA_F
 ClientSampled :
 PB91363BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	96254		
198	97.3	78.0	117.0	
200	31.0	25.4	38.2	

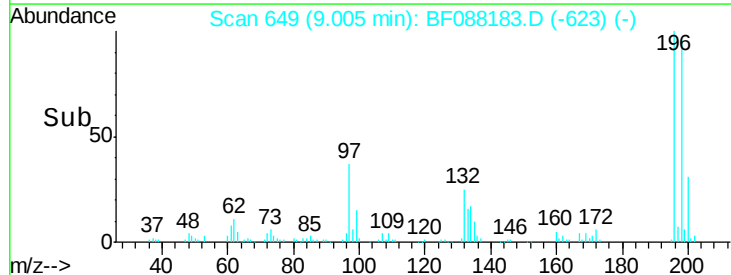
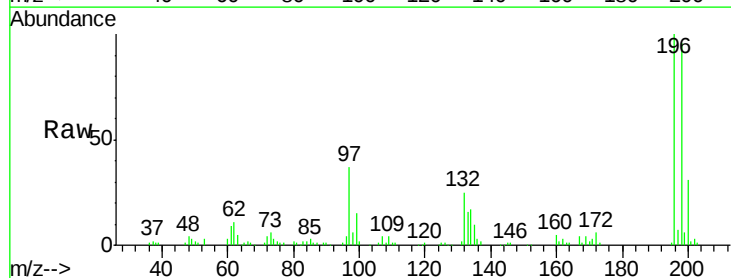
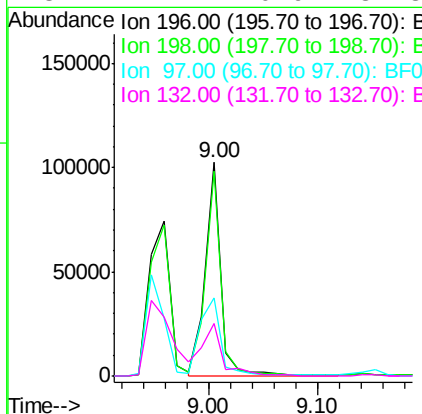
Manual Integrations
 APPROVED

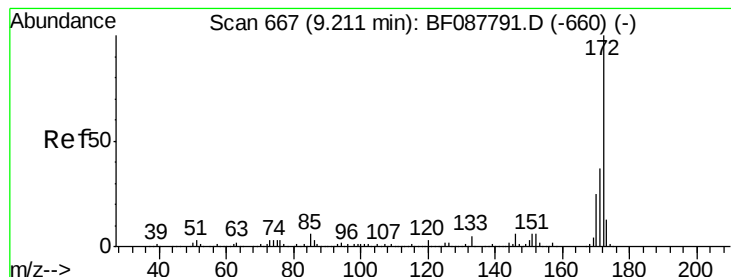
sohil
 6/21/2016 4:22:18 PM



#43
 2,4,5-Trichlorophenol
 Concen: 26.36 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	104890		
198	95.8	77.5	116.3	
97	36.5	32.0	48.0	
132	24.7	20.9	31.3	





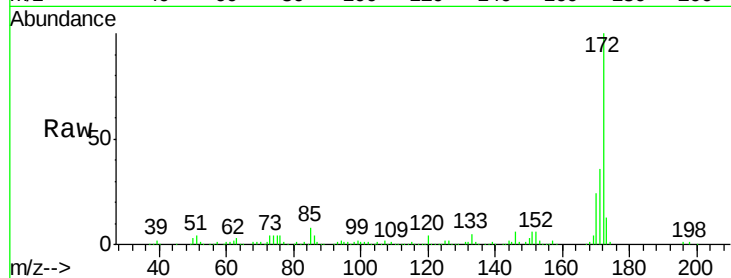
#44
2-Fluorobiphenyl
Concen: 56.62 ng
RT: 9.03 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

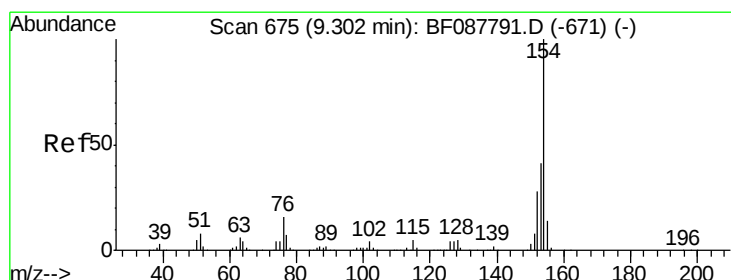
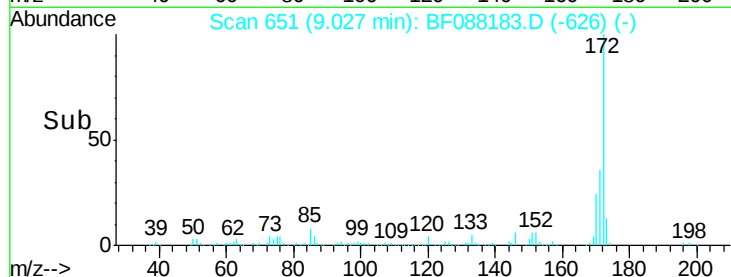
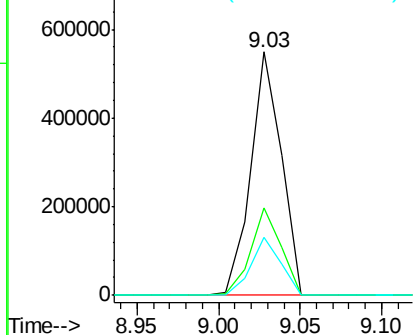
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.0	19.2	28.8

Manual Integrations
APPROVED

sohil
6/21/2016 4:22:18 PM

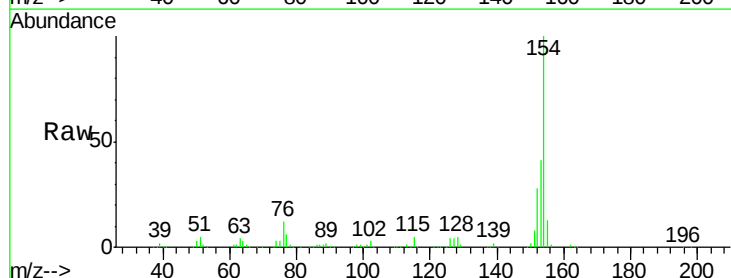


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

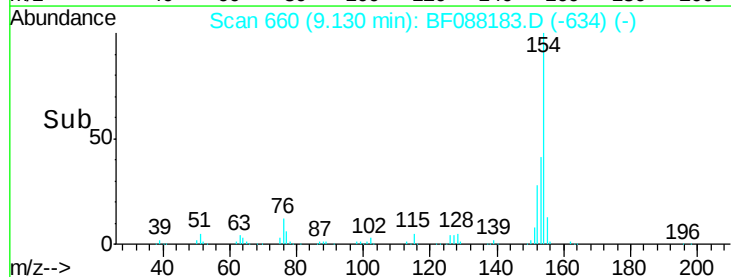
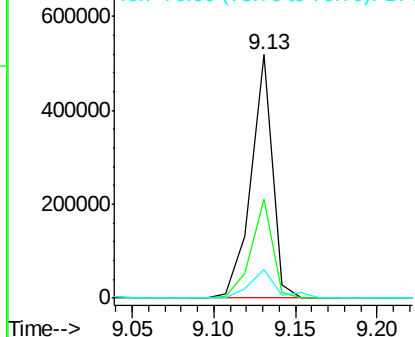


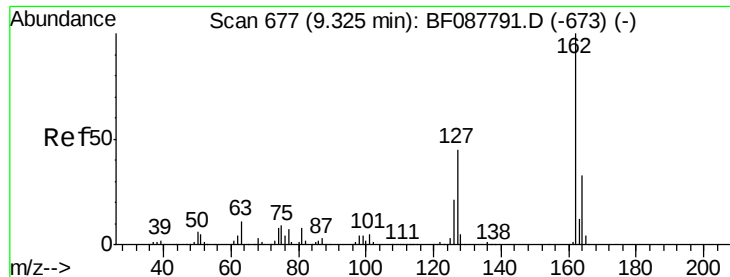
#45
1,1'-Biphenyl
Concen: 30.87 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.6	60.6
76	12.0	0.0	35.1



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





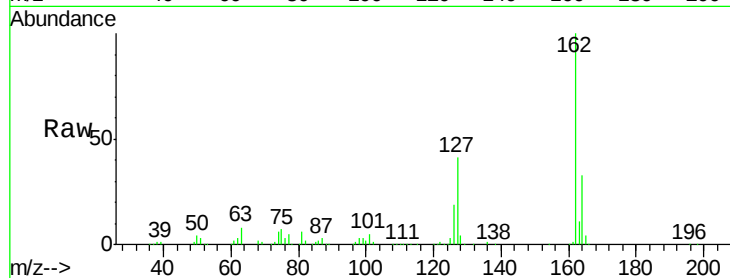
#46
2-Chloronaphthalene
Concen: 29.36 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

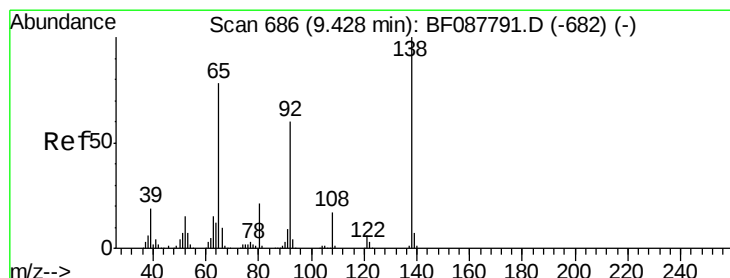
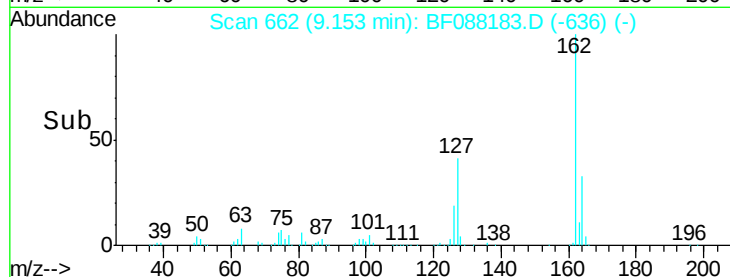
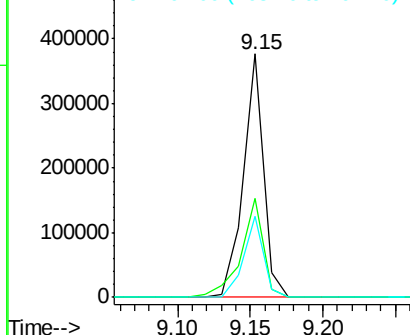
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	40.6	35.2	52.8
164	33.5	26.6	39.8

Manual Integrations
APPROVED

sohil
6/21/2016 4:22:18 PM

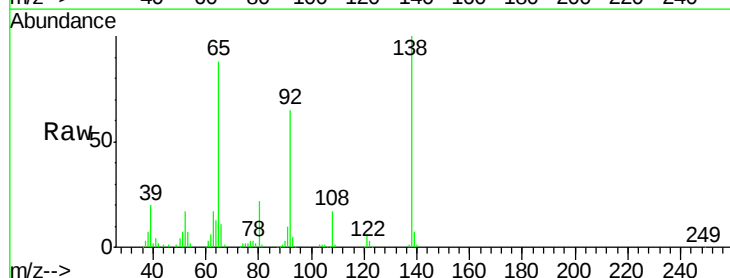


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

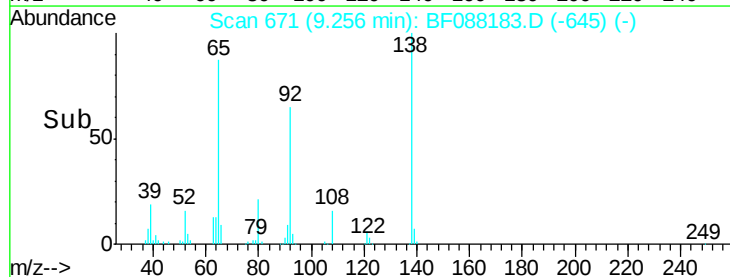
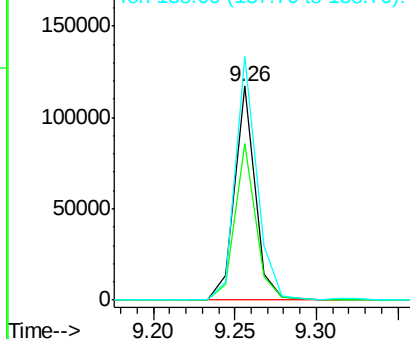


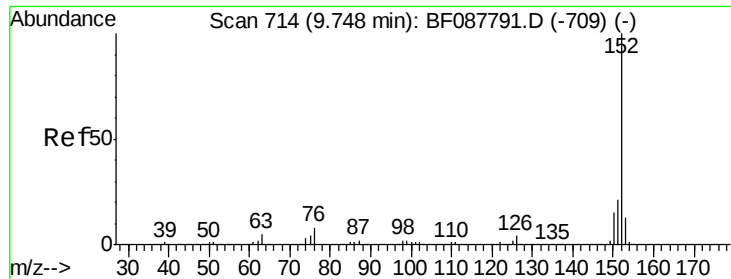
#47
2-Nitroaniline
Concen: 27.60 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	73.6	54.6	82.0
138	114.0	77.0	115.4



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 28.75 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

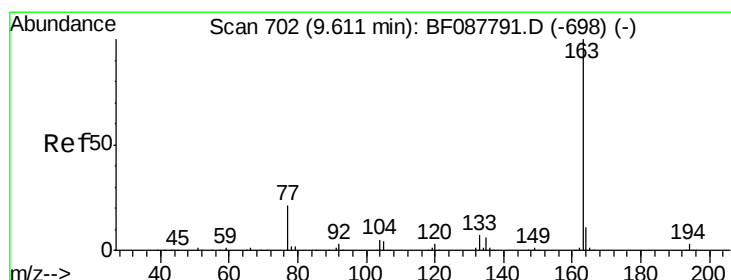
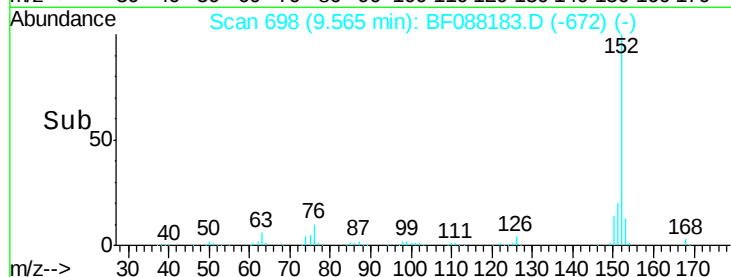
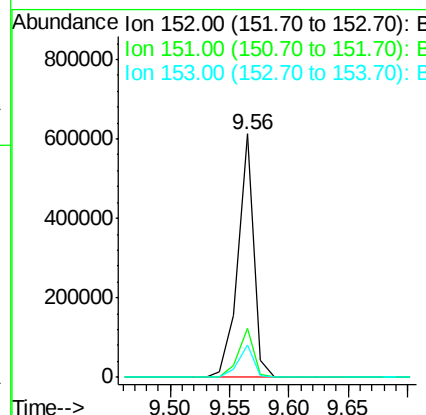
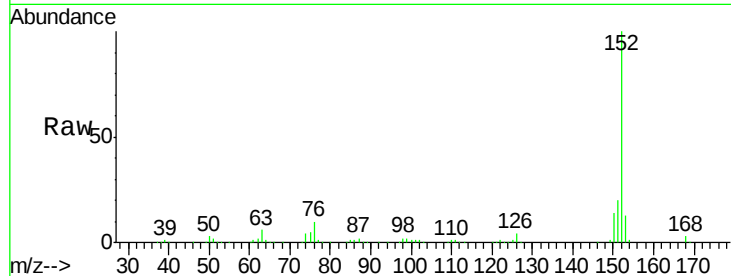
ClientSampleId :

PB91363BS

Tot Ion:	152	Resp:	565991
Ion Ratio		Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.3	11.0	16.6

Manual Integrations
APPROVED

sohil
6/21/2016 4:22:18 PM



#49

Dimethylphthalate

Concen: 32.45 ng

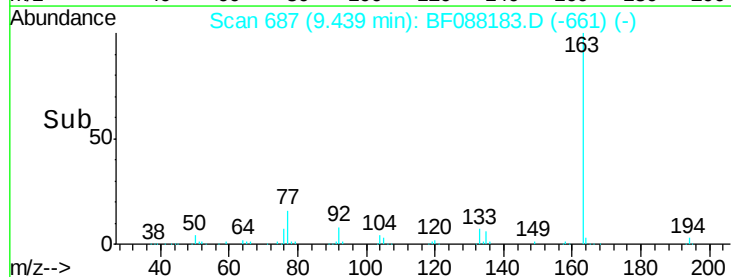
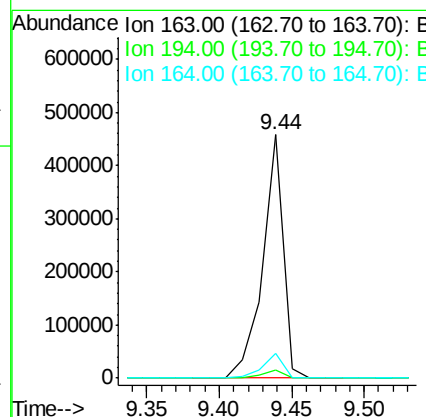
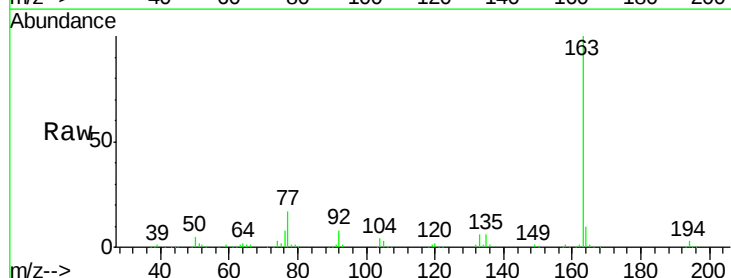
RT: 9.44 min Scan# 687

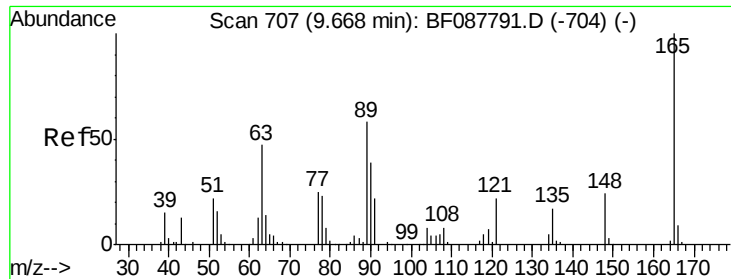
Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Tgt Ion:	163	Resp:	449616
Ion Ratio		Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.0	8.3	12.5





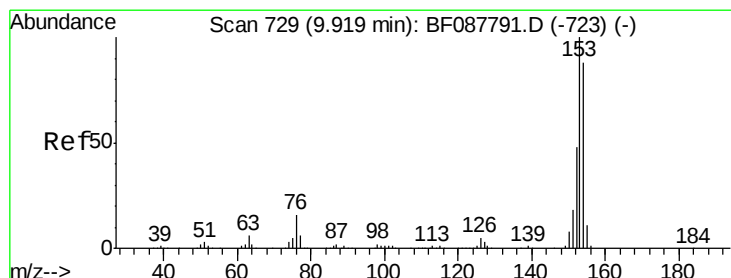
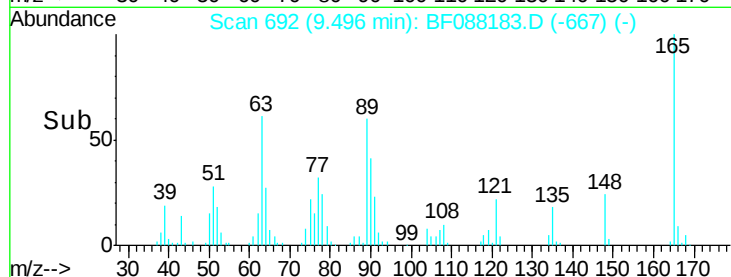
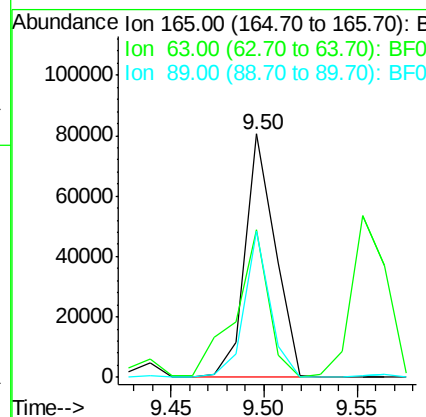
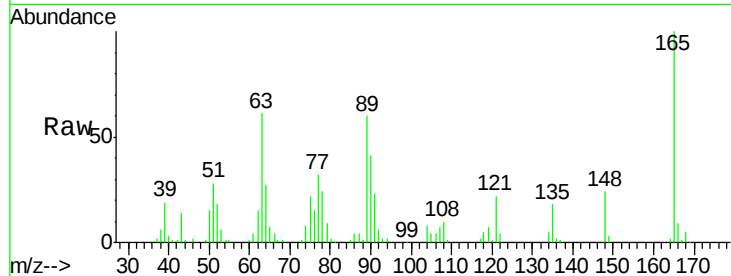
#50
2,6-Dinitrotoluene
Concen: 28.32 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	60.8	28.1	42.1#
89	60.3	32.2	48.2#

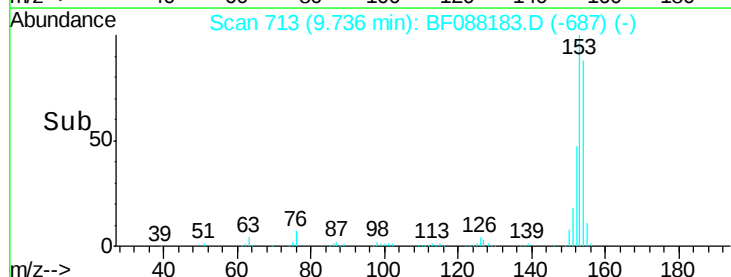
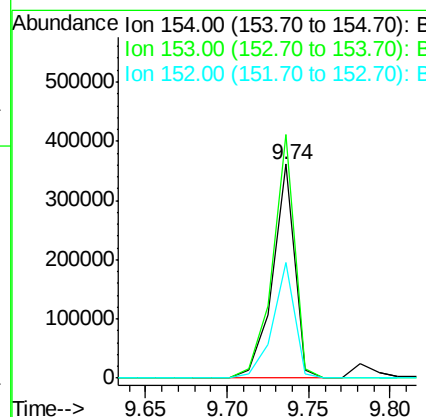
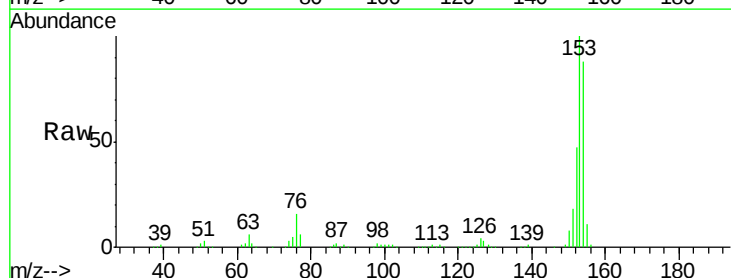
Manual Integrations
APPROVED

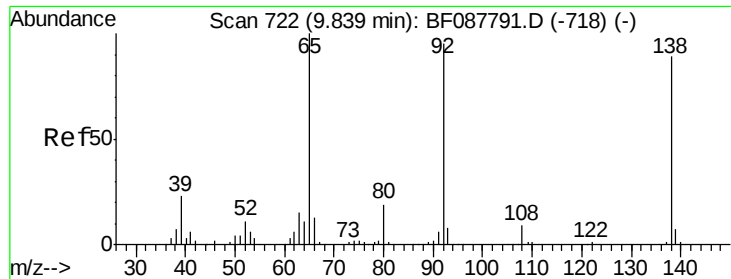
sohil
6/21/2016 4:22:18 PM



#51
Acenaphthene
Concen: 27.72 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.9	89.5	134.3
152	54.0	42.7	64.1





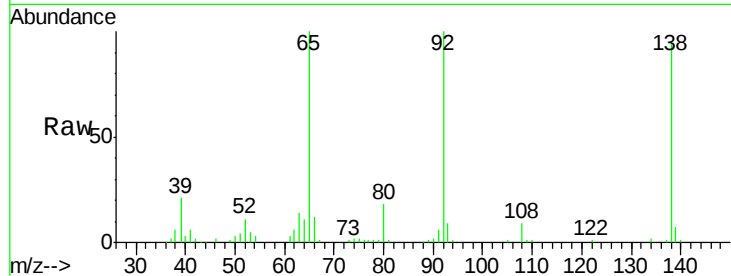
#52
 3-Nitroaniline
 Concen: 16.79 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91363BS

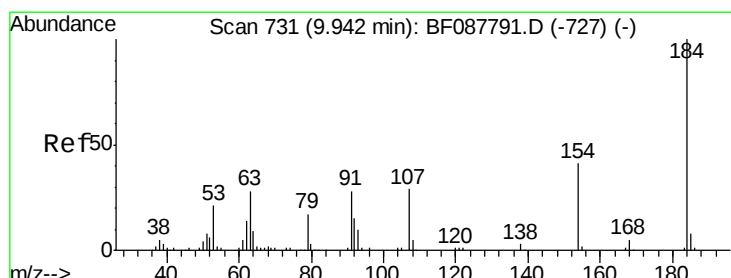
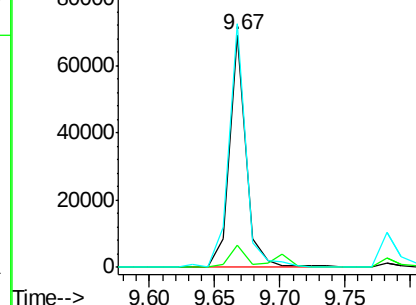
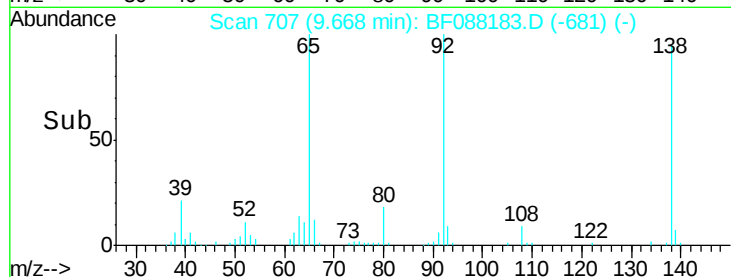
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.5	12.7
92	104.9	95.7	143.5

Manual Integrations
 APPROVED

sohil
 6/21/2016 4:22:18 PM

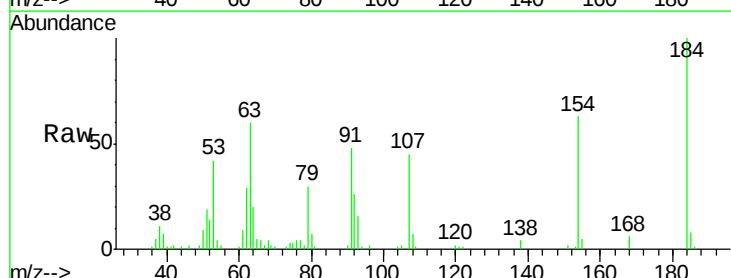


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

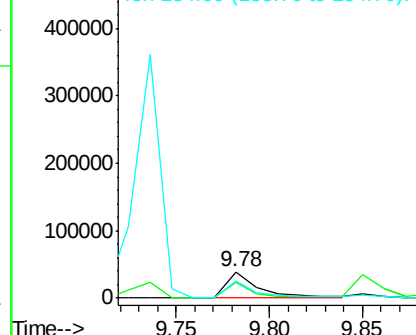
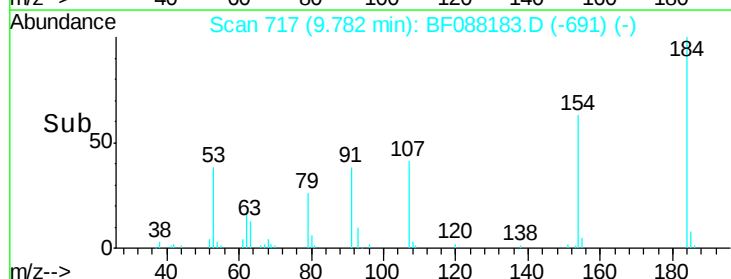


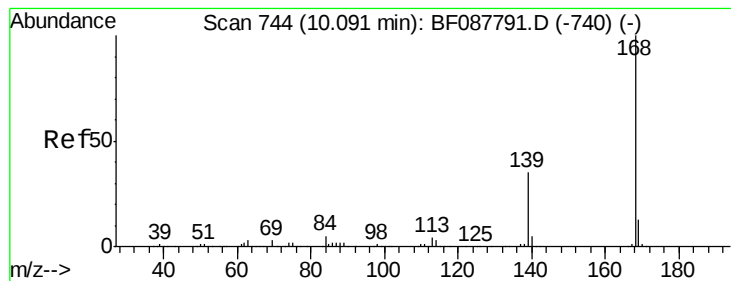
#53
 2,4-Dinitrophenol
 Concen: 34.06 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.0	57.6	86.4
154	62.7	53.5	80.3



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





#54

Dibenzofuran

Concen: 27.80 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

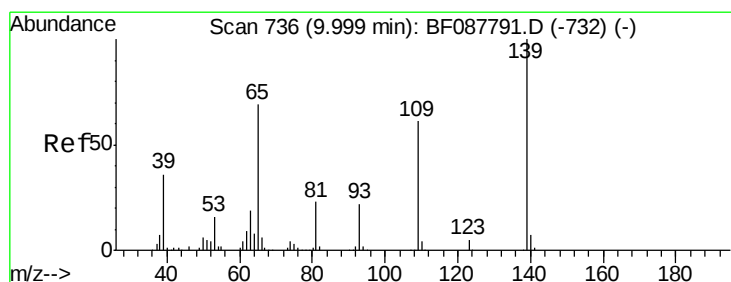
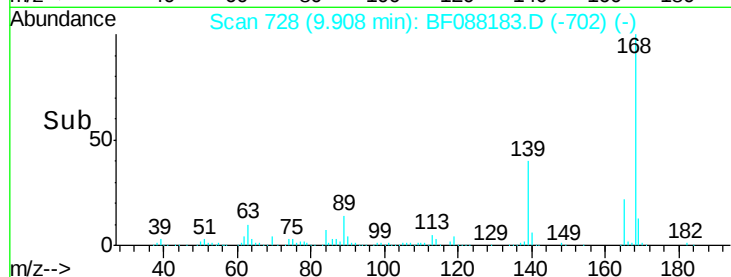
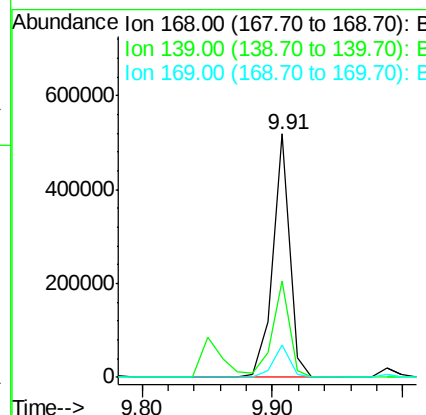
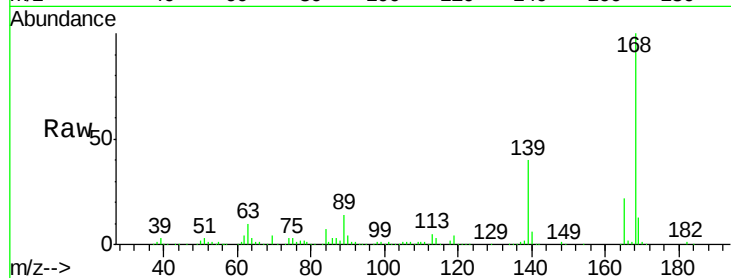
ClientSampleId :

PB91363BS

Tot Ion:	168	Resp:	470239
Ion Ratio	Lower	Upper	
168	100		
139	39.7	26.4	39.6#
169	13.4	10.4	15.6

Manual Integrations
APPROVED

sohil
6/21/2016 4:22:18 PM



#55

4-Nitrophenol

Concen: 34.75 ng

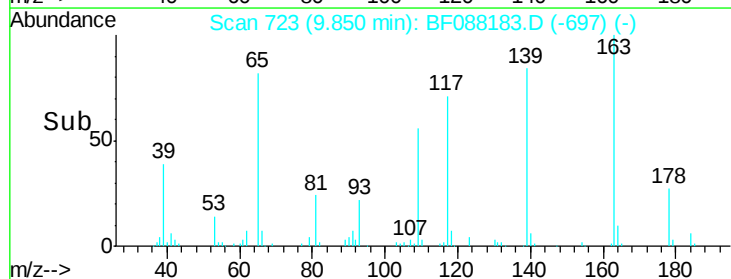
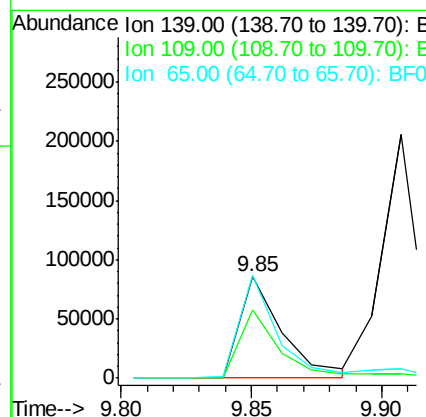
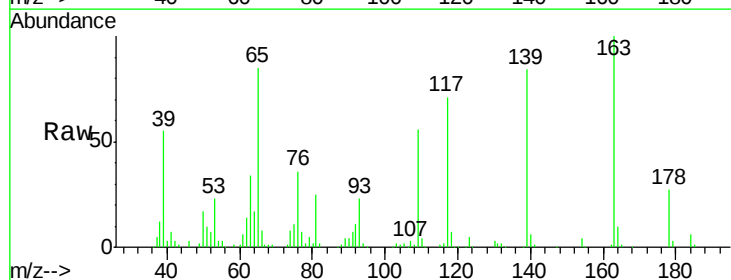
RT: 9.85 min Scan# 723

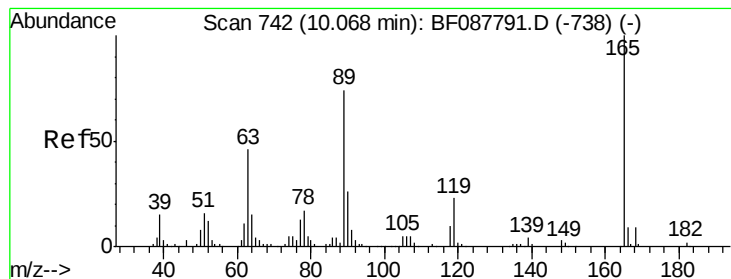
Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Tgt Ion:	139	Resp:	98752
Ion Ratio	Lower	Upper	
139	100		
109	67.2	48.9	88.9
65	101.1	84.9	124.9





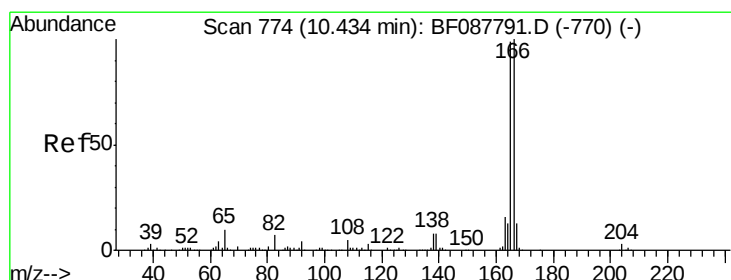
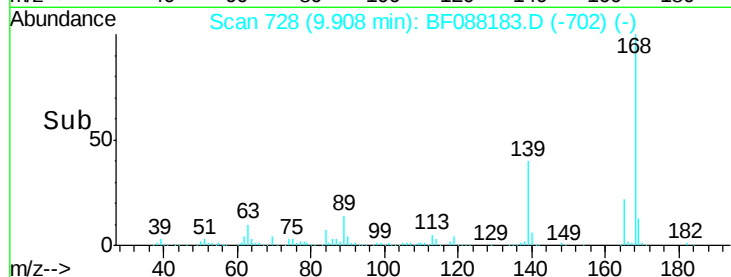
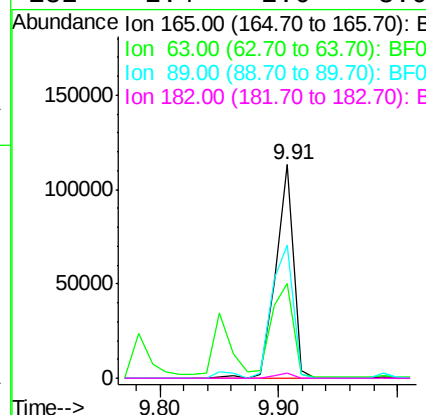
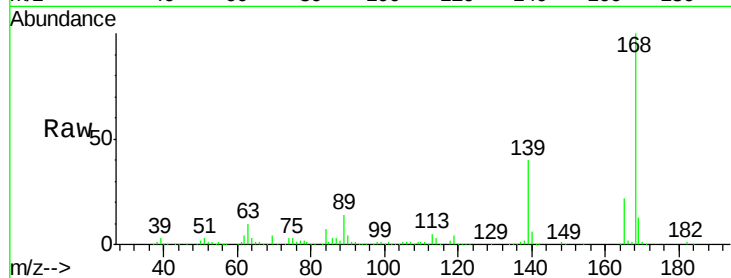
#56
2,4-Dinitrotoluene
Concen: 29.07 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.4	22.0	33.0#	
89	62.1	41.1	61.7#	
182	2.4	2.0	3.0	

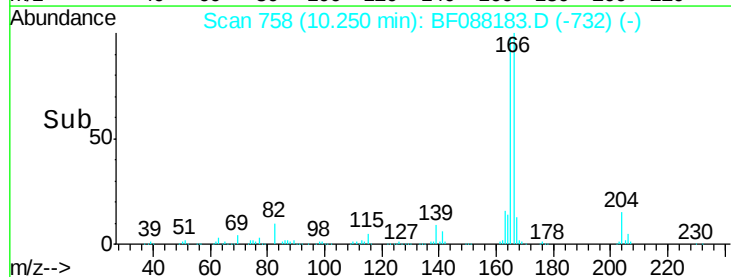
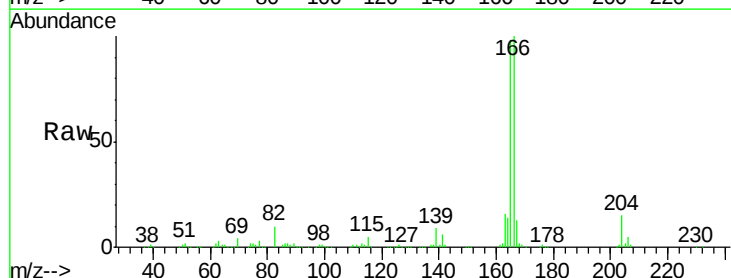
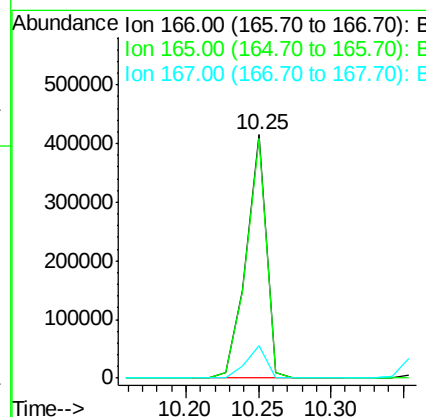
Manual Integrations
APPROVED

sohil
6/21/2016 4:22:18 PM



#57
Fluorene
Concen: 33.83 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.3	77.8	116.8	
167	13.1	11.2	16.8	





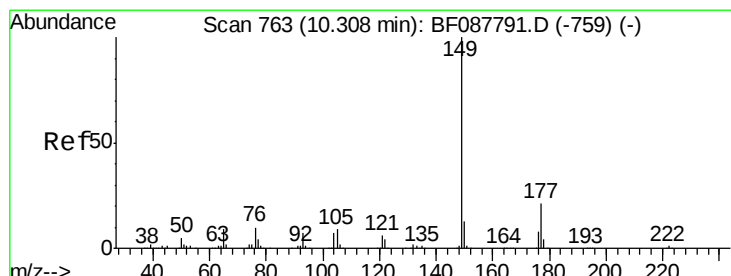
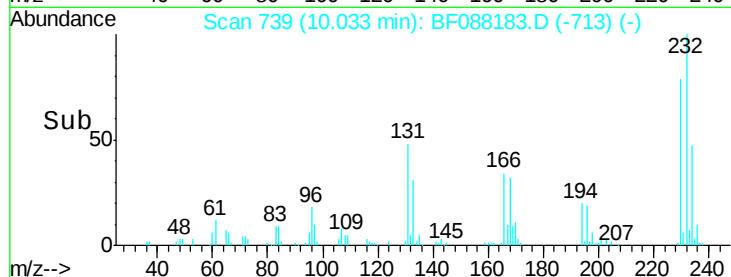
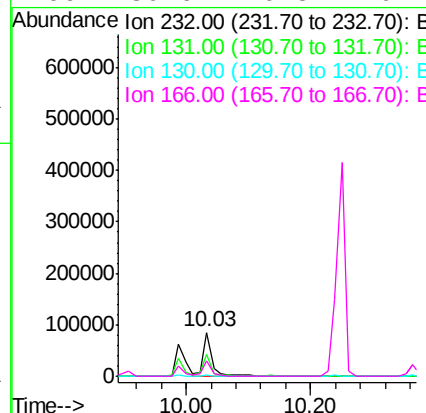
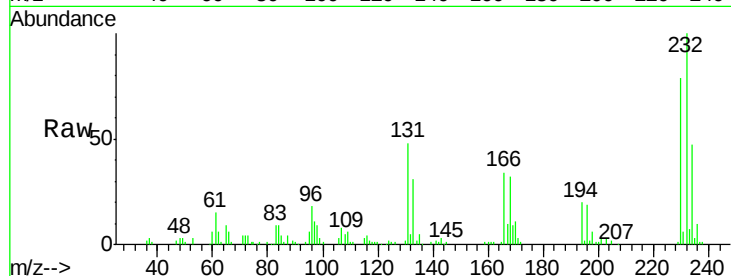
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 27.95 ng
 RT: 10.03 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91363BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	87425		
131	47.1		0.9	1.3#
130	2.1		1.5	2.3
166	30.6		0.5	0.7#

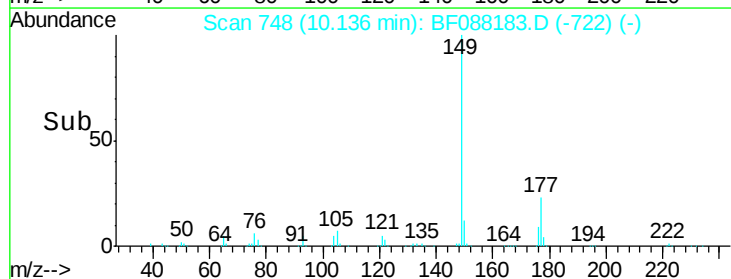
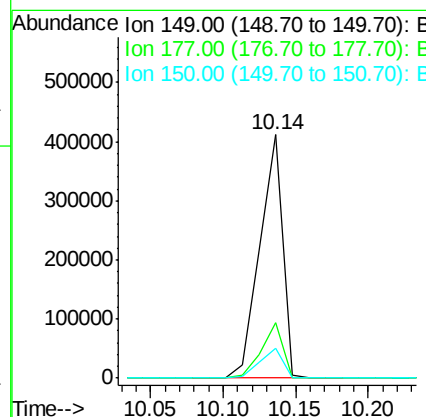
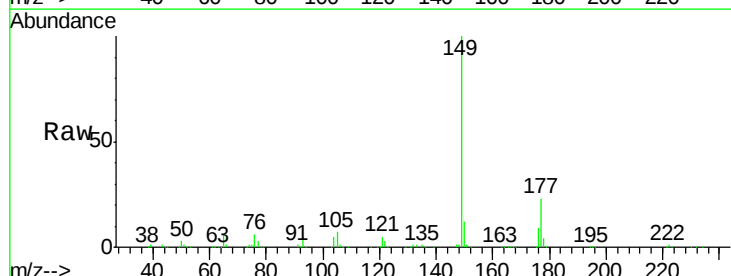
Manual Integrations
 APPROVED

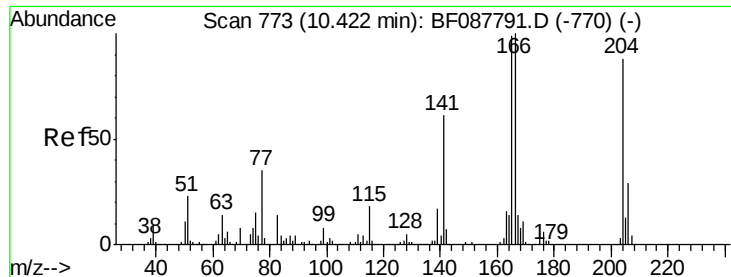
sohil
 6/21/2016 4:22:18 PM



#59
 Diethylphthalate
 Concen: 32.01 ng
 RT: 10.14 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	448956		
177	22.5		16.9	25.3
150	12.2		10.1	15.1





#60

4-Chlorophenyl-phenylether

Concen: 28.29 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

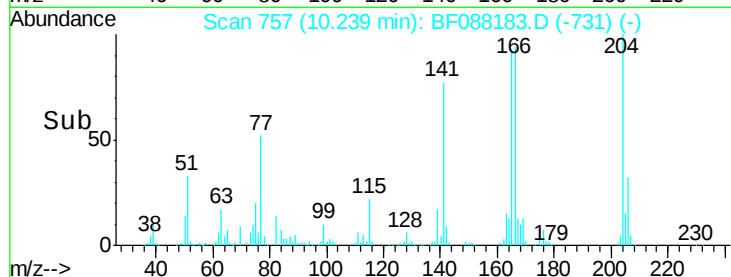
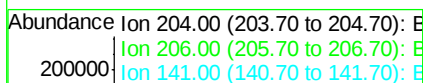
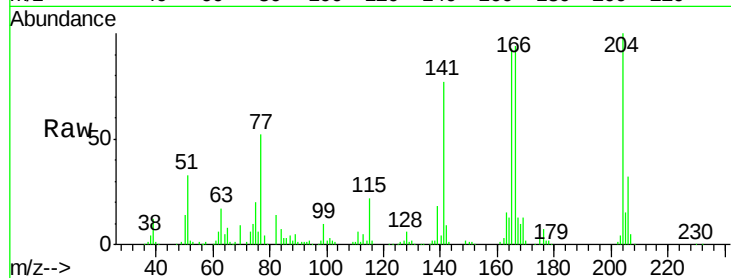
ClientSampleId :

PB91363BS

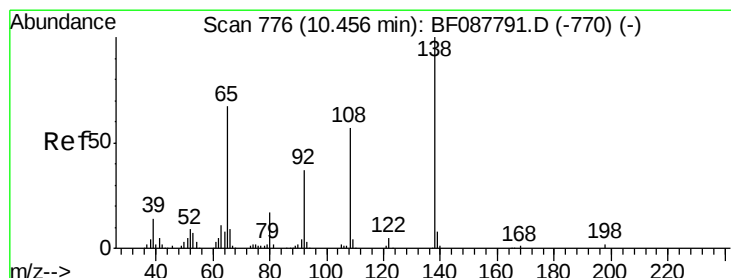
Tot Ion:	204	Resp:	159137
Ion Ratio	Lower	Upper	
204	100		
206	32.2	26.3	39.5
141	76.9	55.0	82.6

Manual Integrations
APPROVED

sohil
6/21/2016 4:22:18 PM



Time-->



#61

4-Nitroaniline

Concen: 31.05 ng

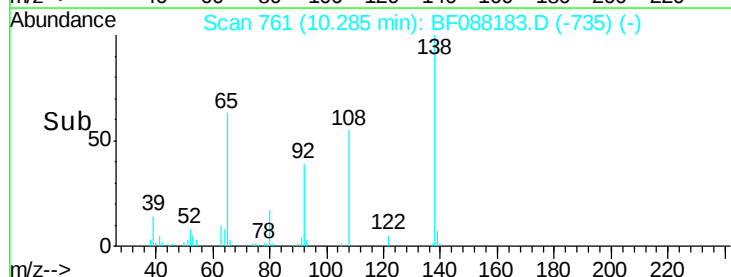
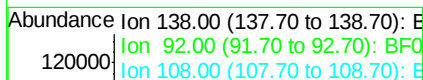
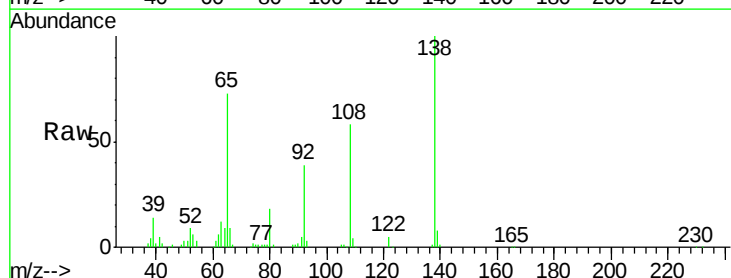
RT: 10.28 min Scan# 761

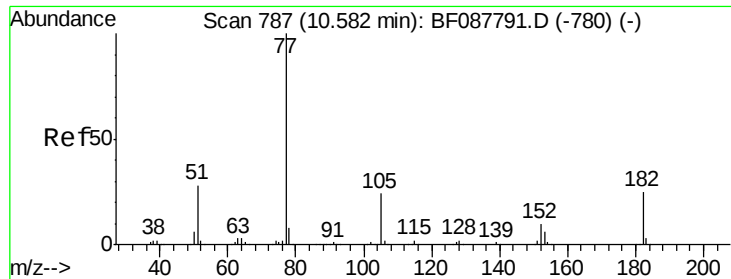
Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Tgt Ion:	138	Resp:	107839
Ion Ratio	Lower	Upper	
138	100		
92	39.5	27.3	67.3
108	58.0	46.7	86.7





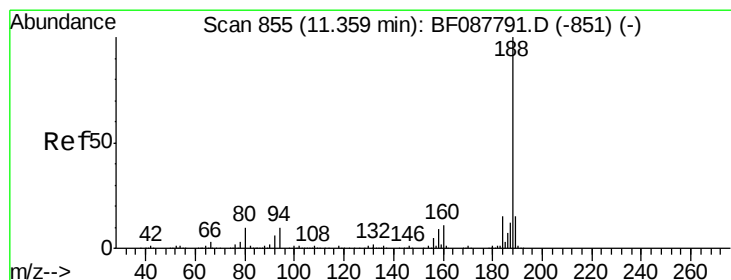
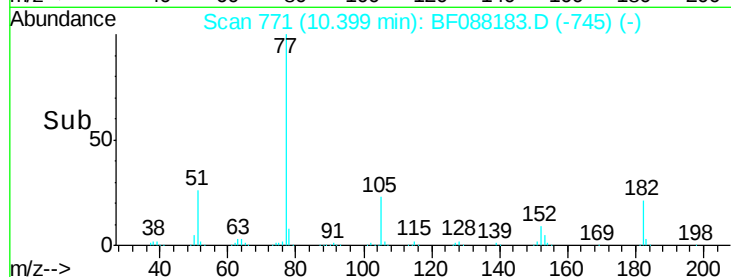
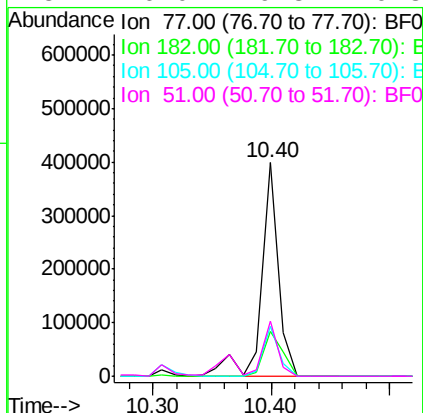
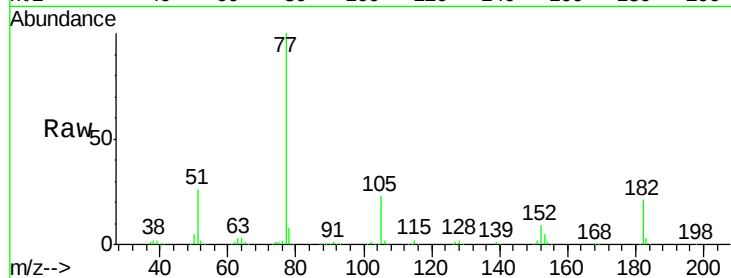
#62
Azobenzene
Concen: 29.04 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		402797		
182	20.9	4.4	44.4		
105	23.2	3.8	43.8		
51	26.0	9.3	49.3		

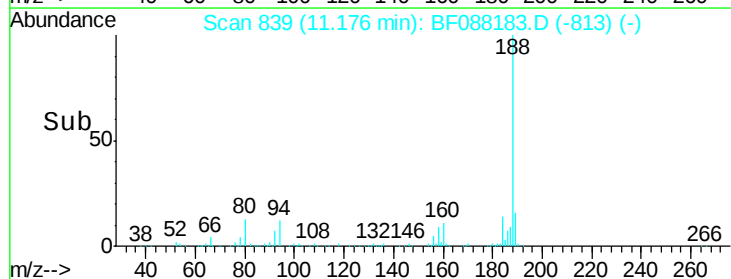
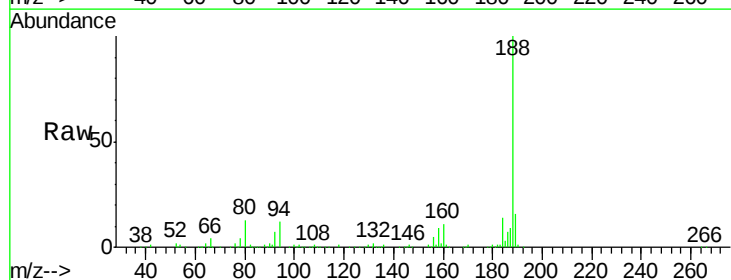
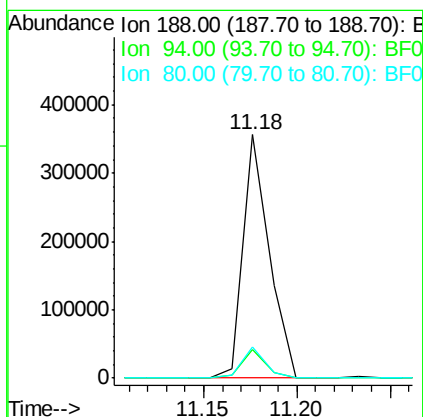
Manual Integrations
APPROVED

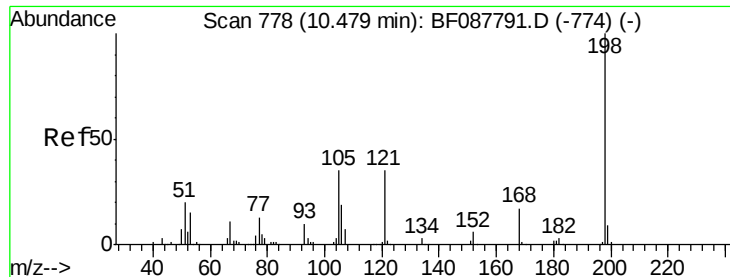
sohil
6/21/2016 4:22:18 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		347960		
94	11.9	9.0	13.6		
80	13.0	10.0	15.0		





#64

4,6-Dinitro-2-methylphenol

Concen: 22.10 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB91363BS

Tot Ion:198 Resp: 45344

Ion Ratio Lower Upper

198 100

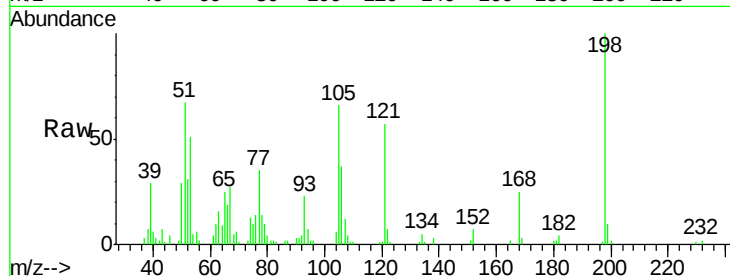
51 66.6 39.6 79.6

105 66.4 36.6 76.6

Manual Integrations
APPROVED

sohil

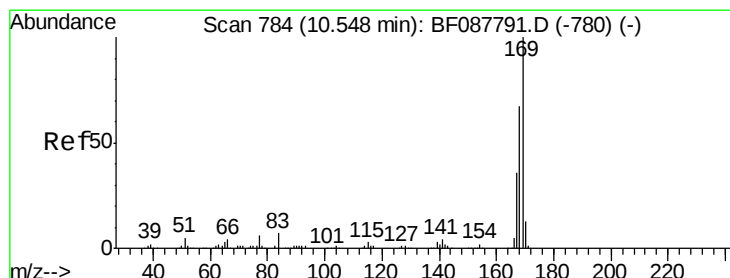
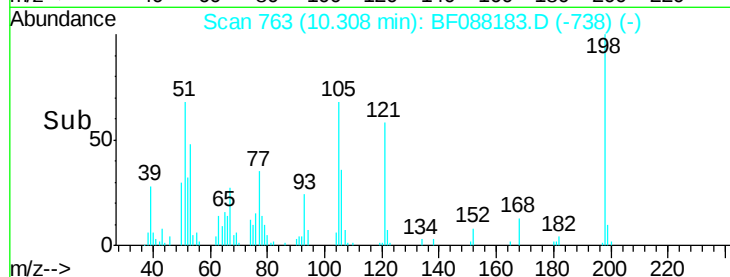
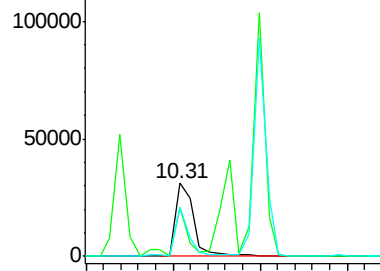
6/21/2016 4:22:18 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 31.24 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

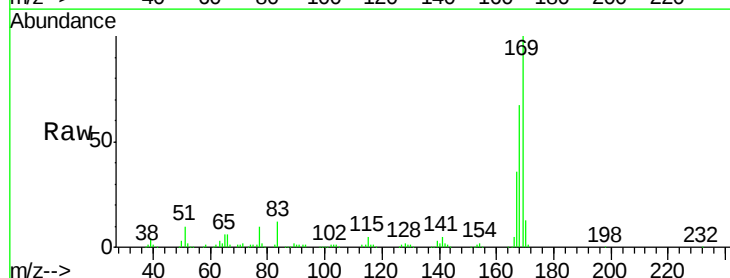
Tgt Ion:169 Resp: 360648

Ion Ratio Lower Upper

169 100

168 66.9 53.4 80.0

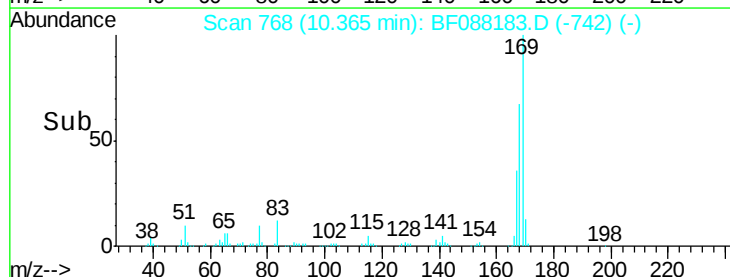
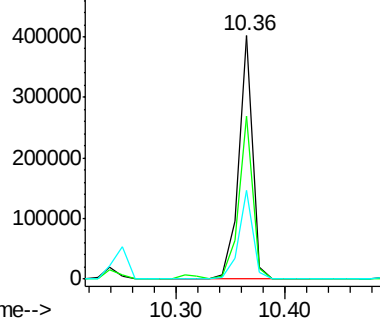
167 36.3 29.4 44.0

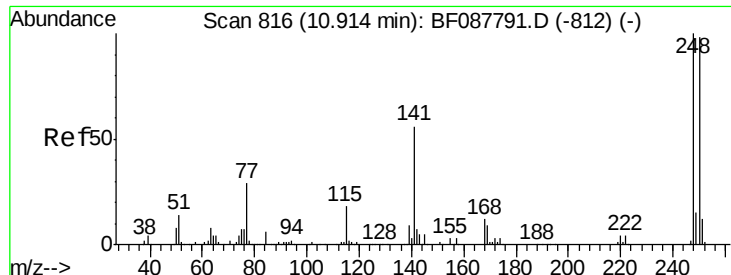


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





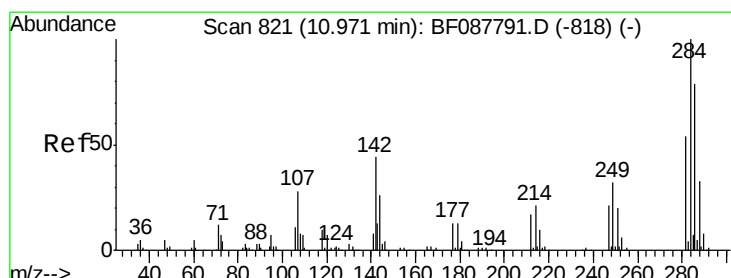
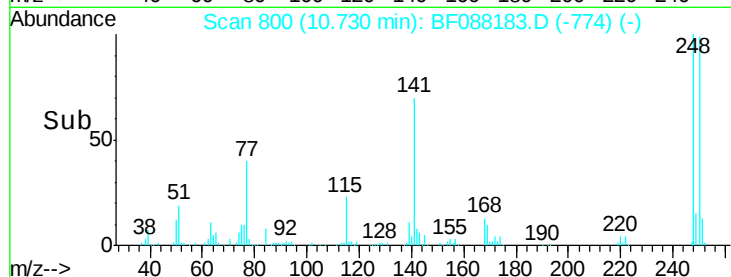
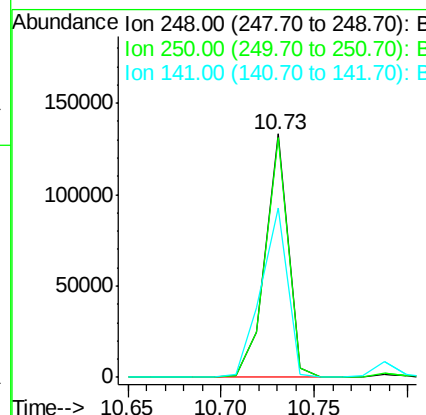
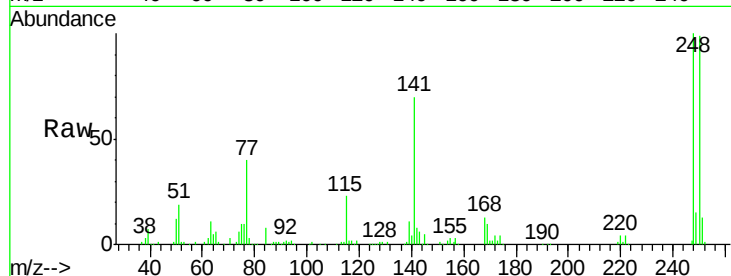
#66
4-Bromophenyl-phenylether
Concen: 30.18 ng
RT: 10.73 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	77.1	115.7
141	69.7	50.6	76.0

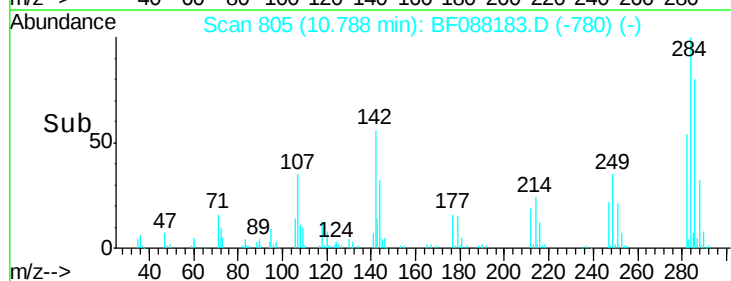
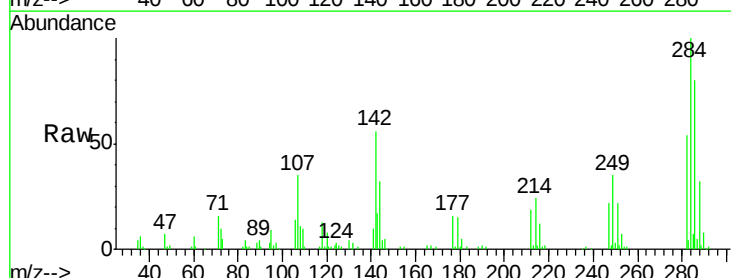
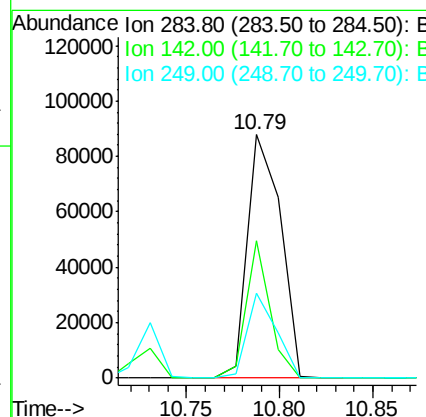
Manual Integrations
APPROVED

sohil
6/21/2016 4:22:18 PM



#67
Hexachlorobenzene
Concen: 28.04 ng
RT: 10.79 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	56.4	35.8	53.8#
249	35.1	25.8	38.6





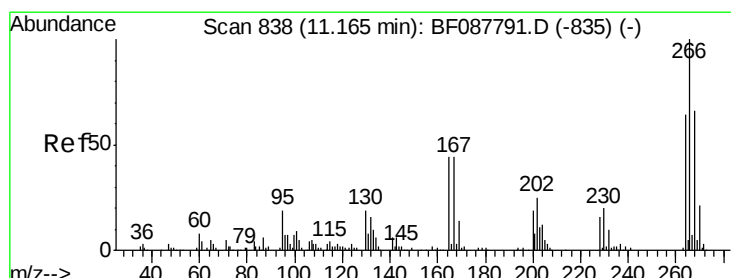
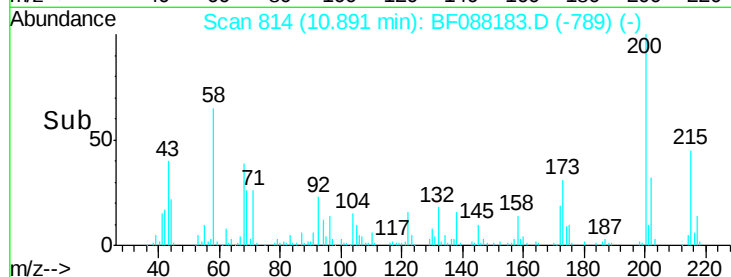
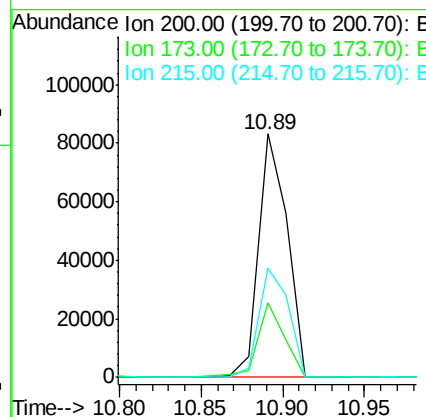
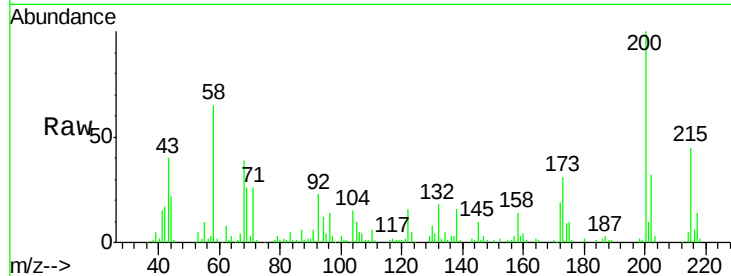
#68
Atrazine
Concen: 28.88 ng
RT: 10.89 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	30.6	4.0	44.0
215	44.9	29.3	69.3

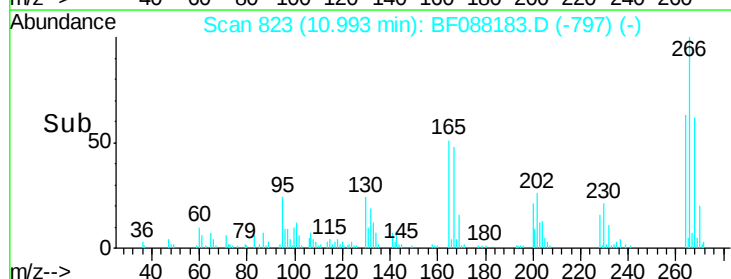
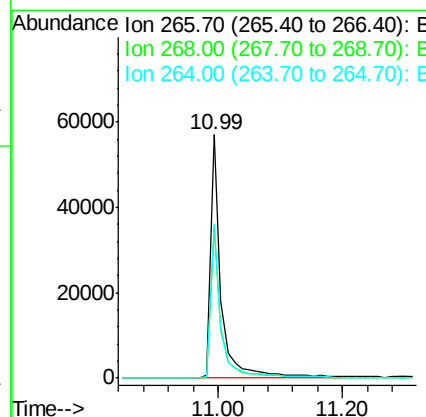
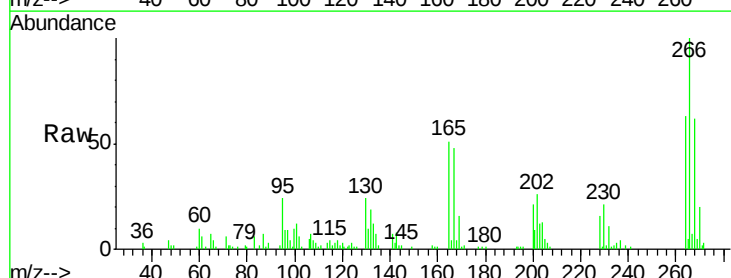
Manual Integrations
APPROVED

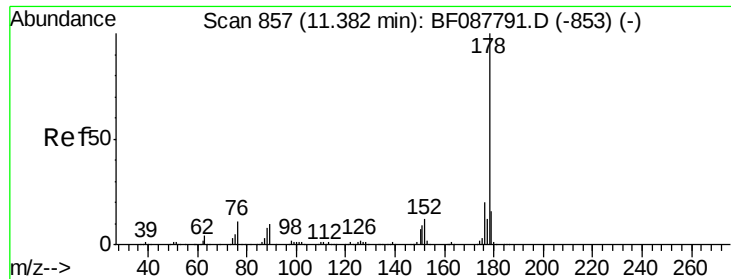
sohil
6/21/2016 4:22:18 PM



#69
Pentachlorophenol
Concen: 33.11 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	61.5	52.8	79.2
264	63.2	49.6	74.4





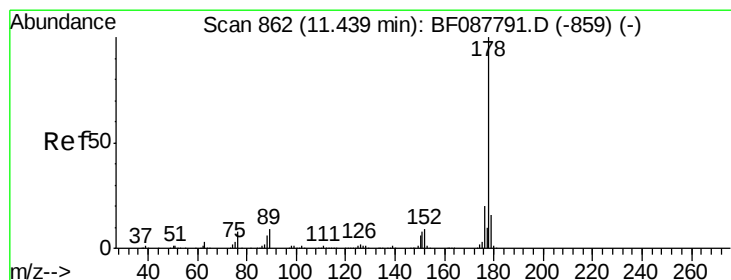
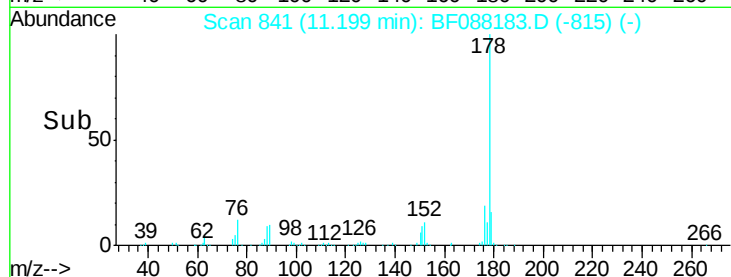
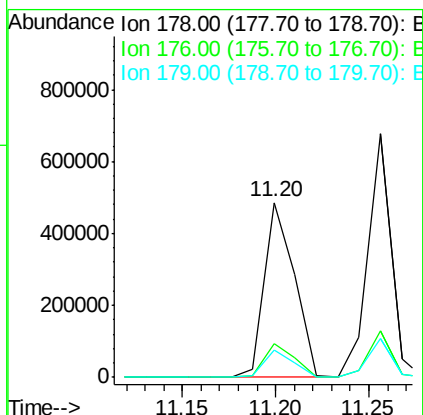
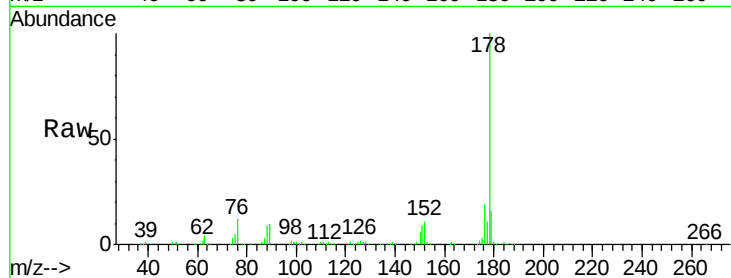
#70
Phenanthrene
Concen: 30.15 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	15.8	13.0	19.4

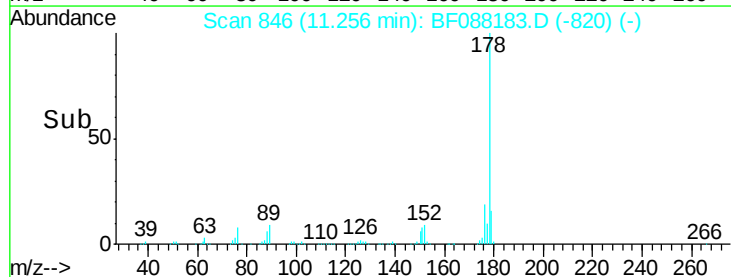
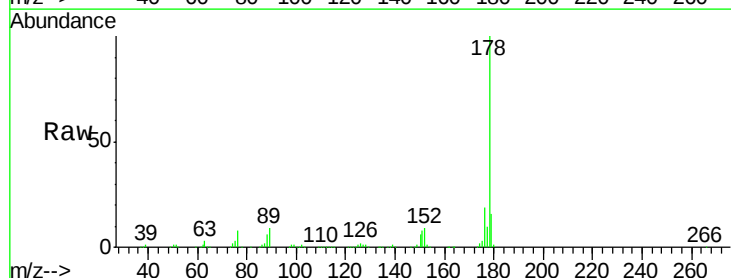
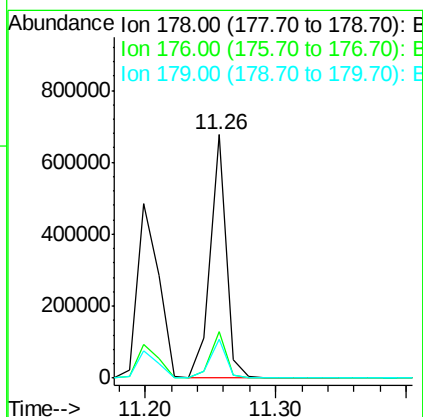
Manual Integrations
APPROVED

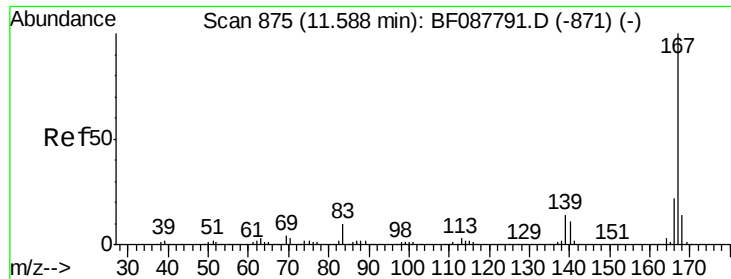
sohil
6/21/2016 4:22:18 PM



#71
Anthracene
Concen: 31.51 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.7	12.8	19.2





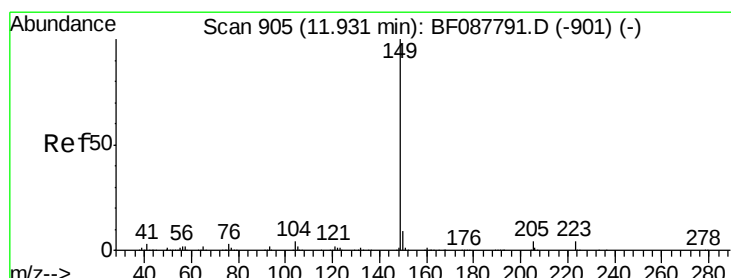
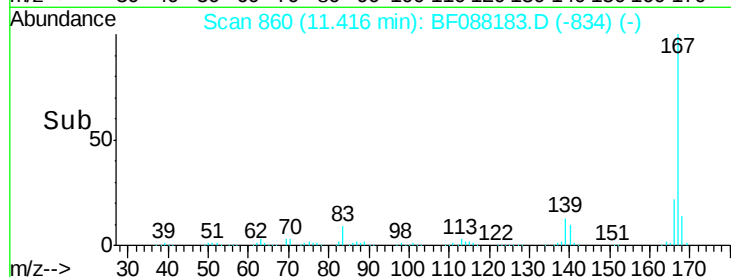
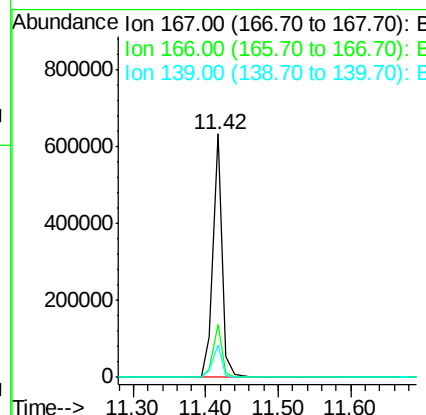
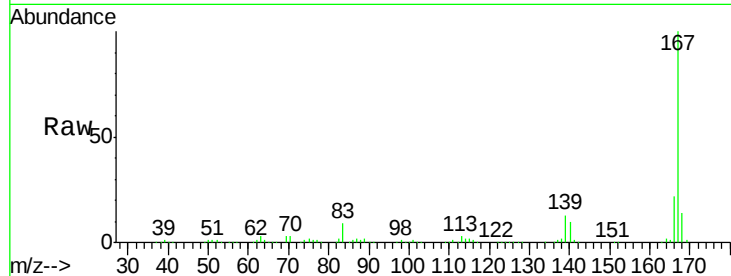
#72
 Carbazole
 Concen: 32.13 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91363BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	553764		
166	21.9		17.8	26.6
139	13.3		11.2	16.8

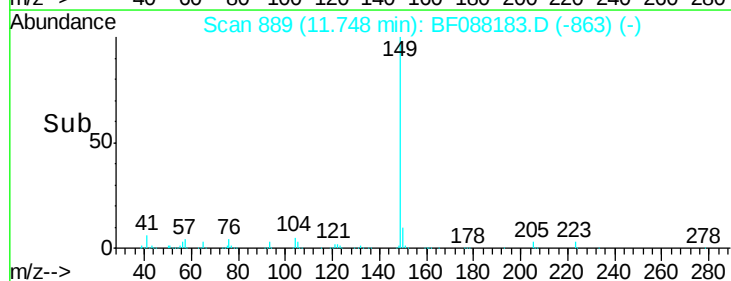
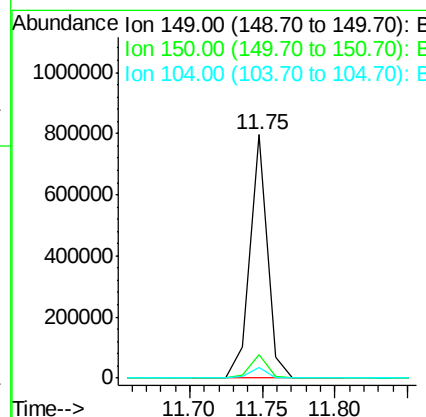
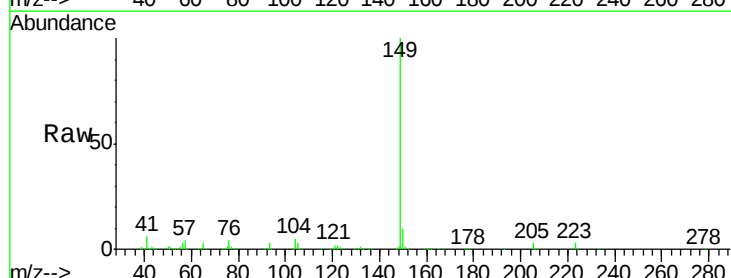
Manual Integrations
 APPROVED

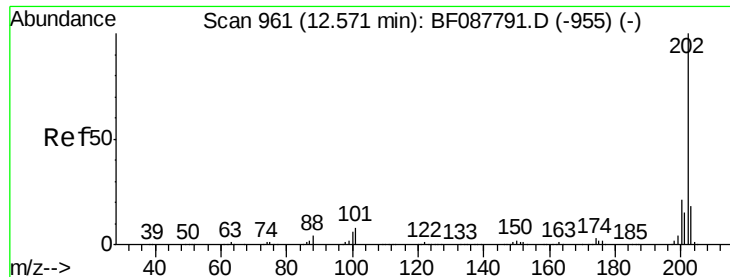
sohil
 6/21/2016 4:22:18 PM



#73
 Di-n-butylphthalate
 Concen: 30.44 ng
 RT: 11.75 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	664177		
150	9.5		7.8	11.6
104	4.6		4.0	6.0





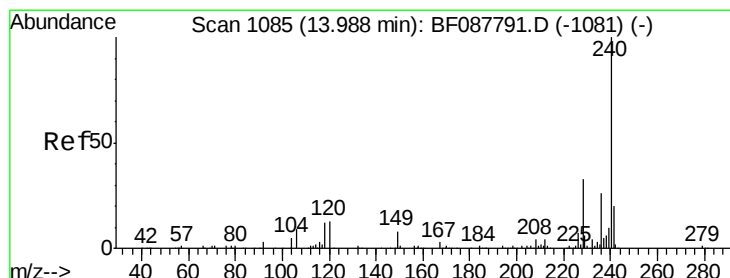
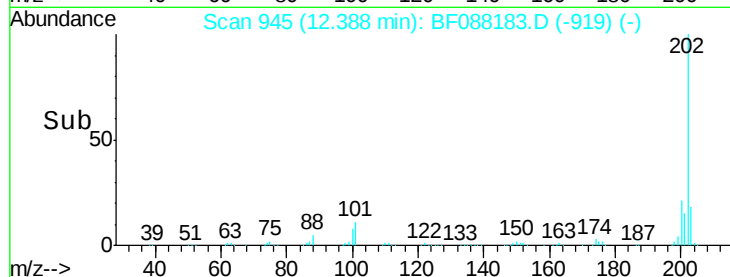
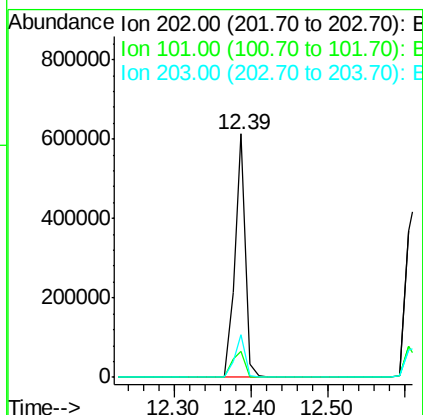
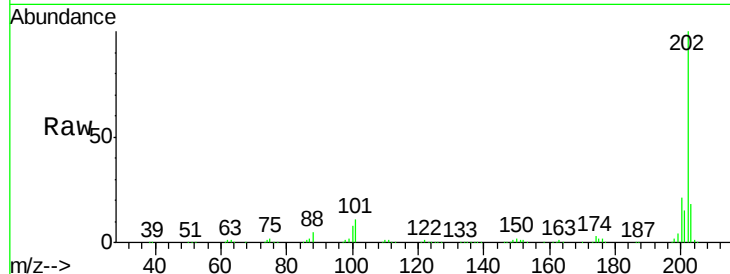
#74
Fluoranthene
 Concen: 30.97 ng
 RT: 12.39 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91363BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		596798		
101	10.6	0.0	33.1		
203	17.8	0.0	38.1		

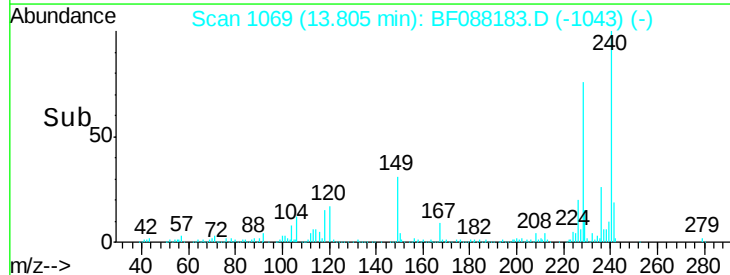
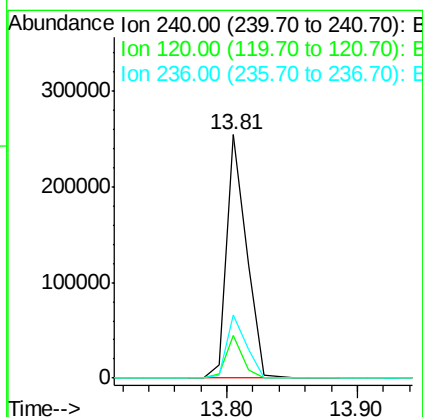
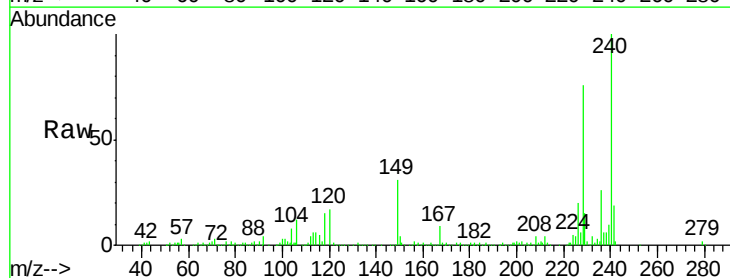
Manual Integrations
 APPROVED

sohil
 6/21/2016 4:22:18 PM



#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		268683		
120	17.4	6.8	10.2#		
236	25.9	20.2	30.2		





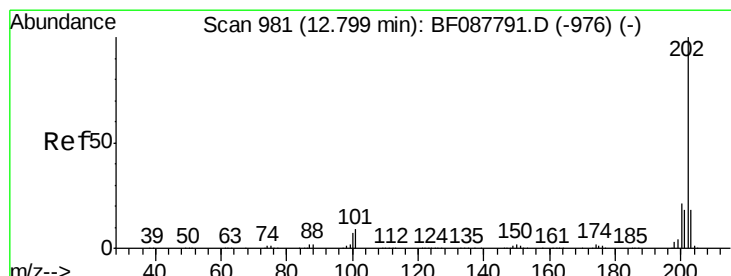
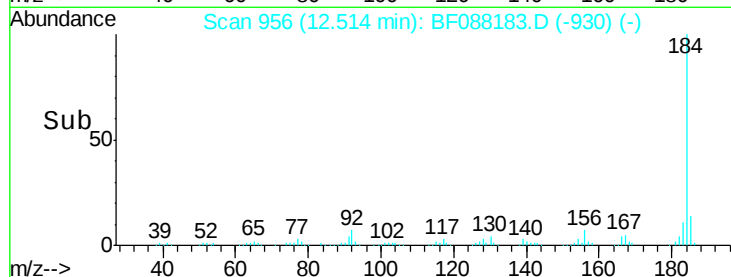
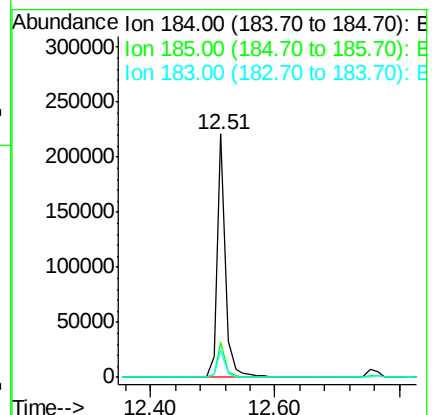
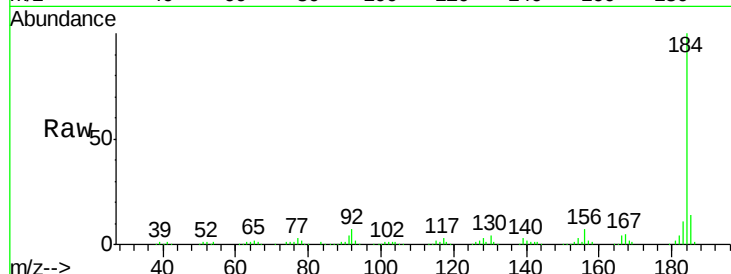
#76
Benzidine
Concen: 27.02 ng
RT: 12.51 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.4	12.5	18.7	
183	11.4	9.3	13.9	

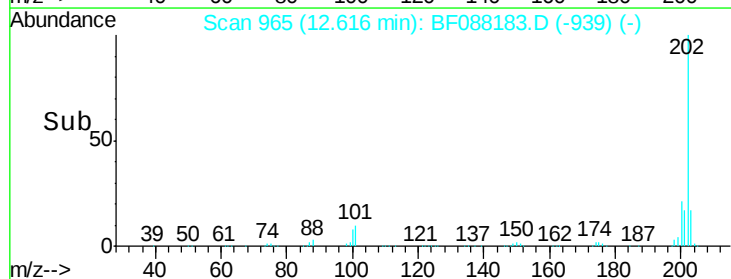
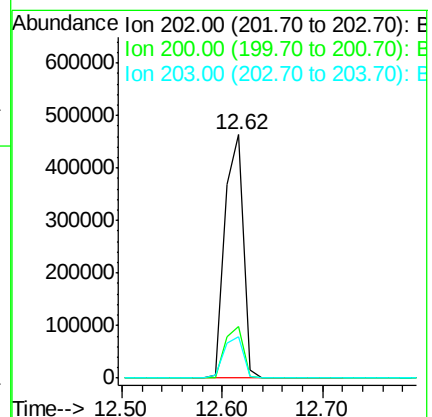
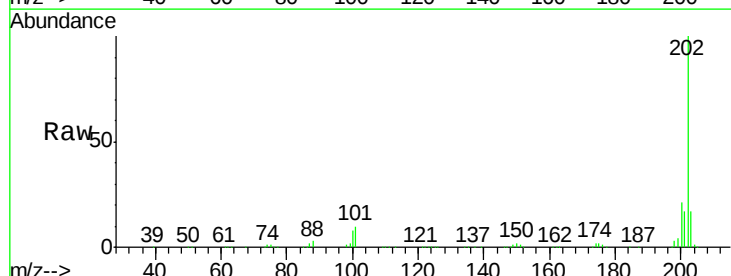
Manual Integrations
APPROVED

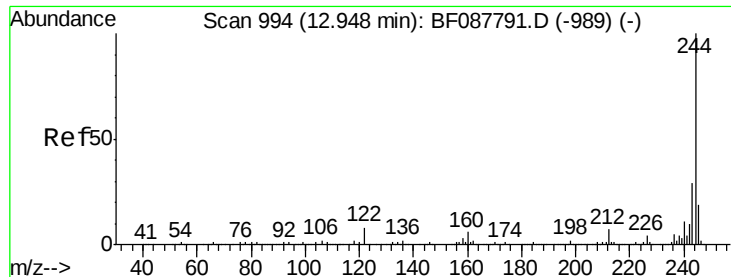
sohil
6/21/2016 4:22:18 PM



#77
Pyrene
Concen: 29.56 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.1	17.4	26.2	
203	17.1	14.5	21.7	





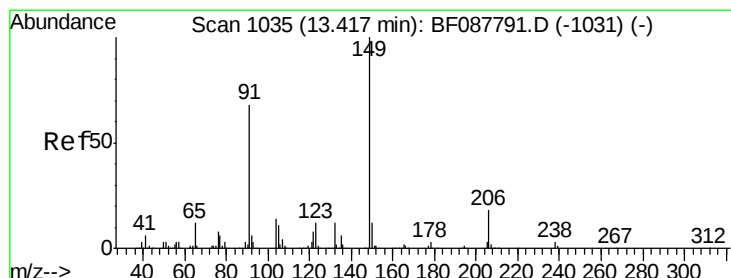
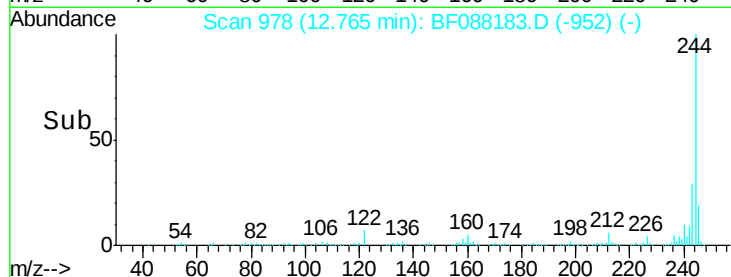
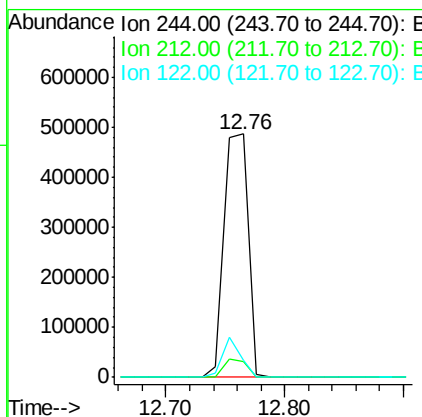
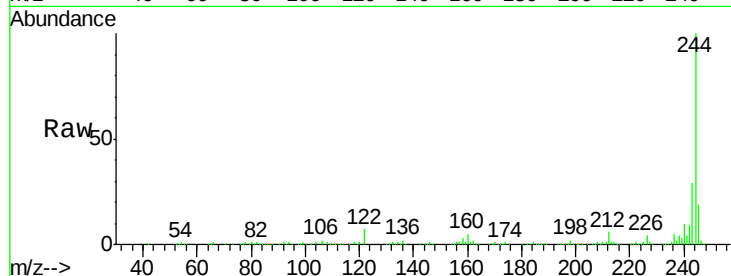
#78
 Terphenyl-d14
 Concen: 57.91 ng
 RT: 12.76 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91363BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	7.0	11.2	16.8

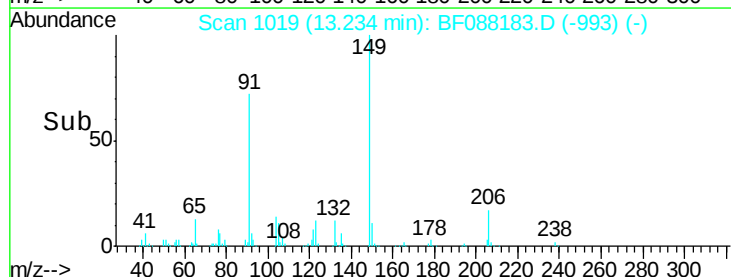
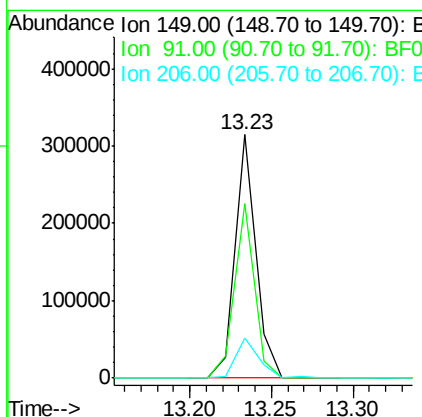
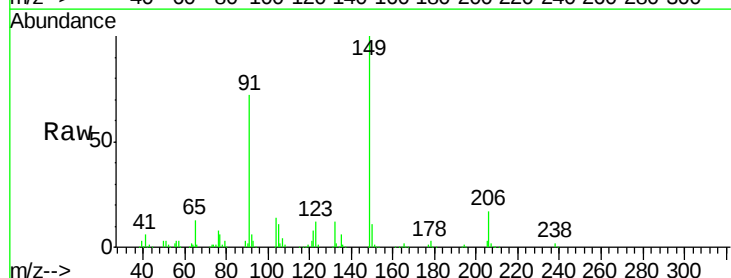
Manual Integrations
 APPROVED

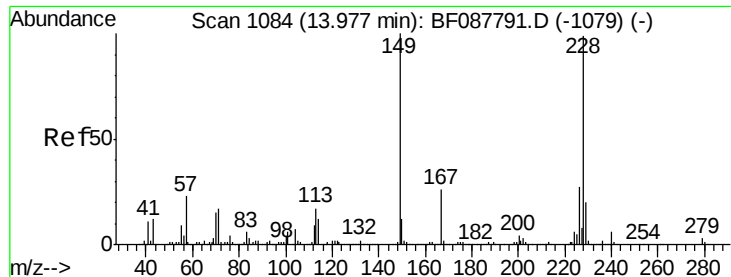
sohil
 6/21/2016 4:22:18 PM



#79
 Butylbenzylphthalate
 Concen: 31.10 ng
 RT: 13.23 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.9	48.0	72.0
206	16.7	16.0	24.0





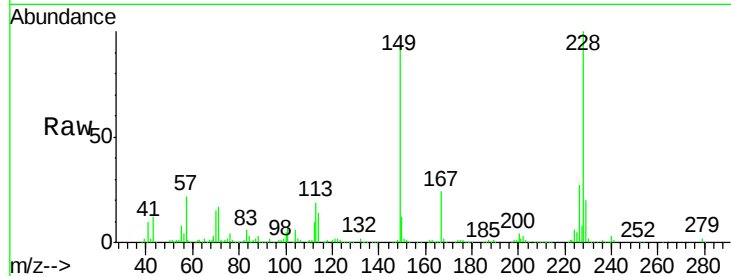
#80
Benzo(a)anthracene
Concen: 28.23 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampled :
PB91363BS

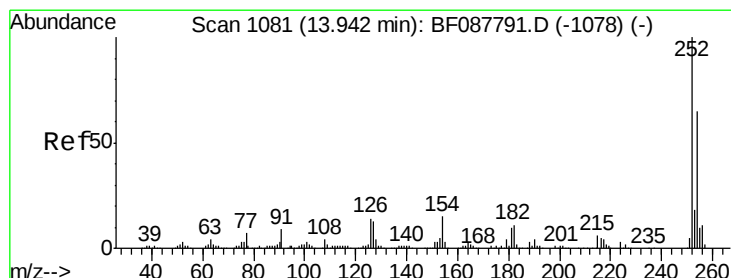
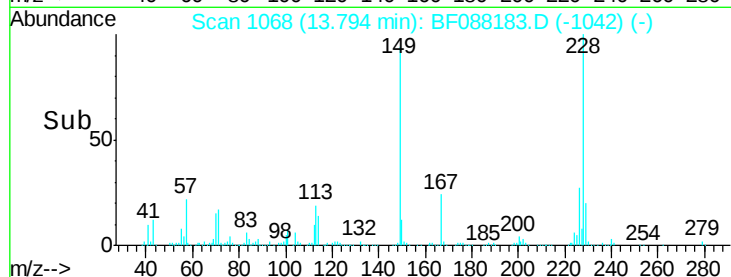
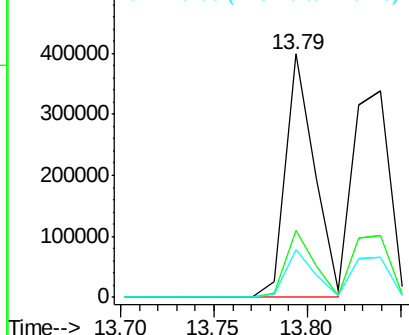
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	19.9	16.0	24.0

Manual Integrations
APPROVED

sohil
6/21/2016 4:22:18 PM



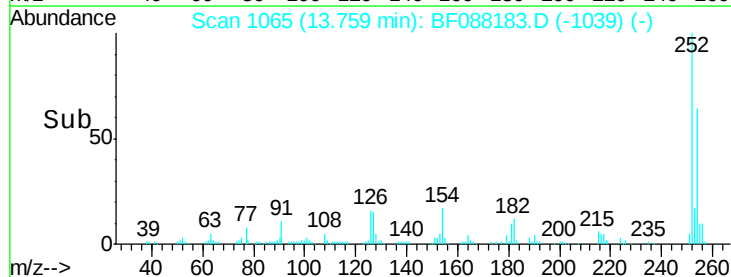
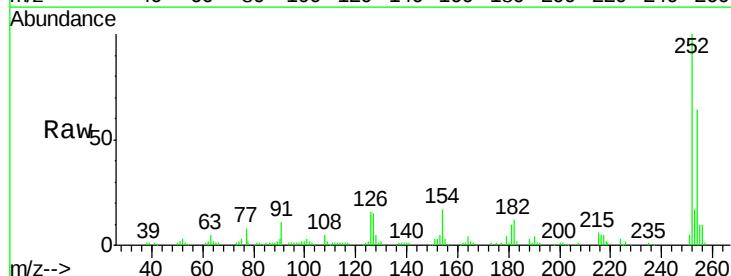
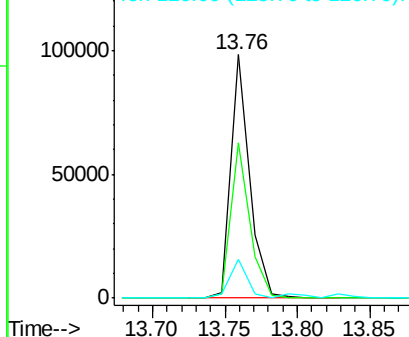
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

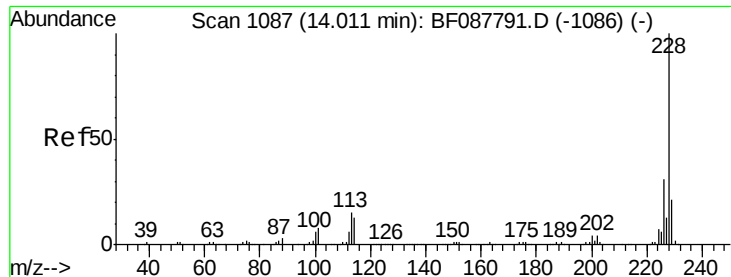


#81
3,3'-Dichlorobenzidine
Concen: 21.57 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.6	78.8
126	16.0	6.2	9.2#

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





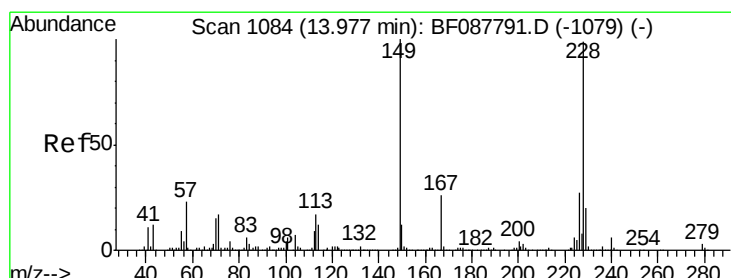
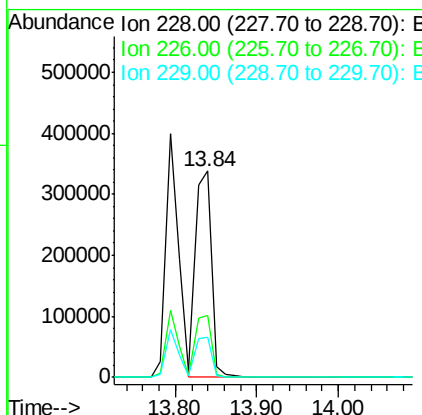
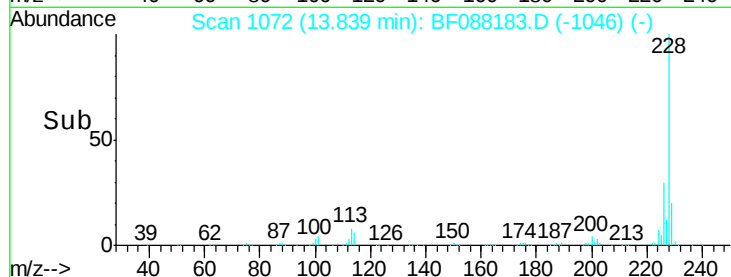
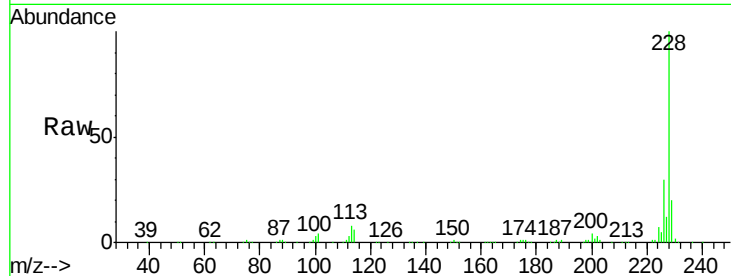
#82
 Chrysene
 Concen: 32.53 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Instrument :
 BNA_F
 ClientSampled :
 PB91363BS

Tot Ion:	228	Resp:	468644
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.4	38.2
229	19.6	16.3	24.5

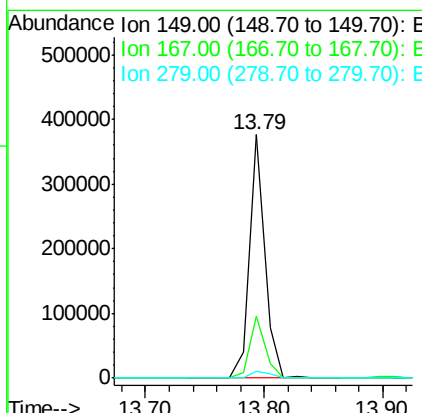
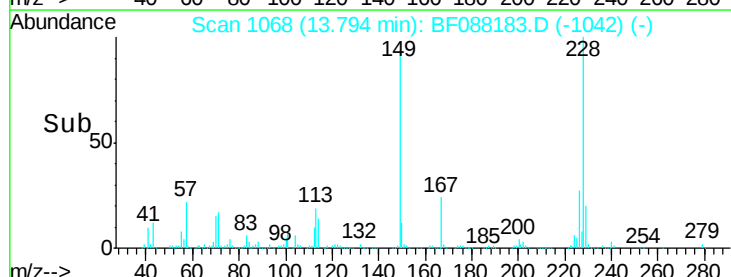
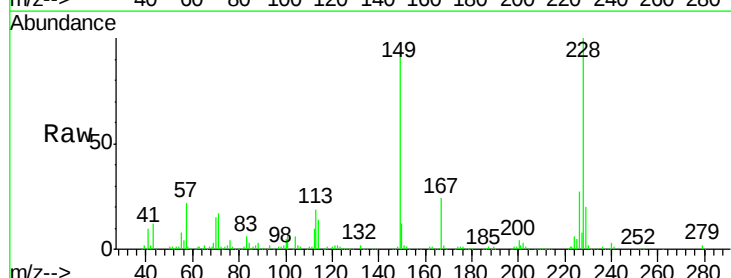
Manual Integrations
 APPROVED

sohil
 6/21/2016 4:22:18 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.92 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Tgt Ion:	149	Resp:	342512
Ion Ratio	Lower	Upper	
149	100		
167	25.2	20.5	30.7
279	2.6	2.0	3.0





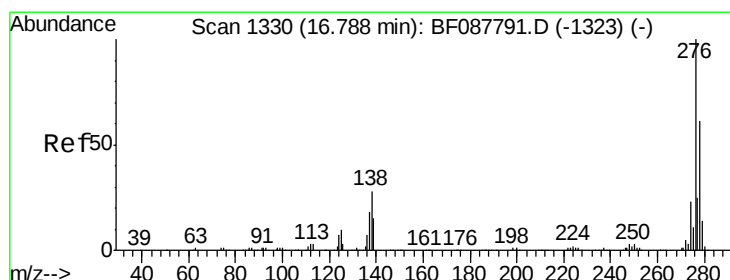
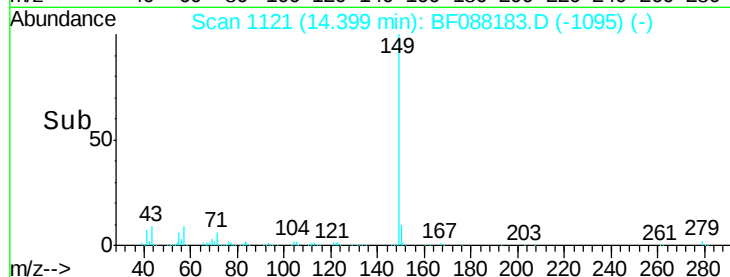
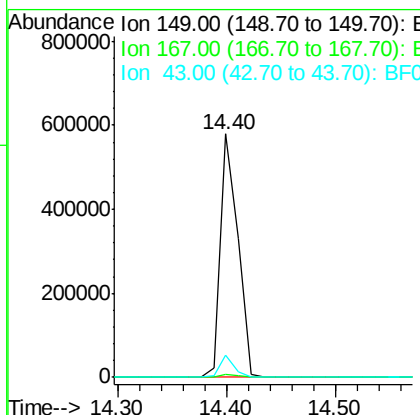
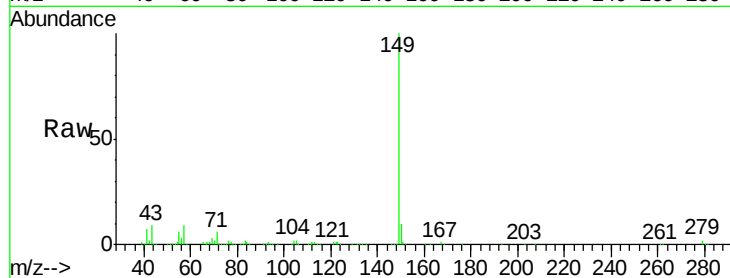
#84
Di-n-octyl phthalate
Concen: 37.08 ng
RT: 14.40 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	8.0	0.0	0.0#

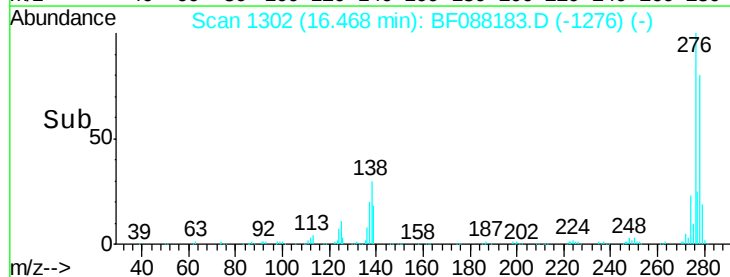
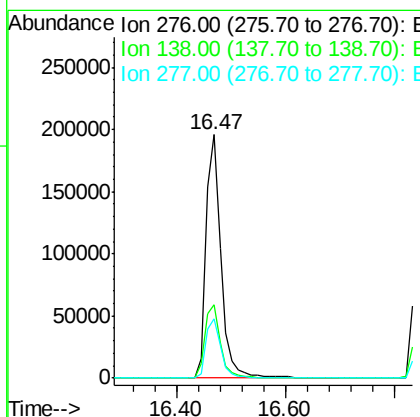
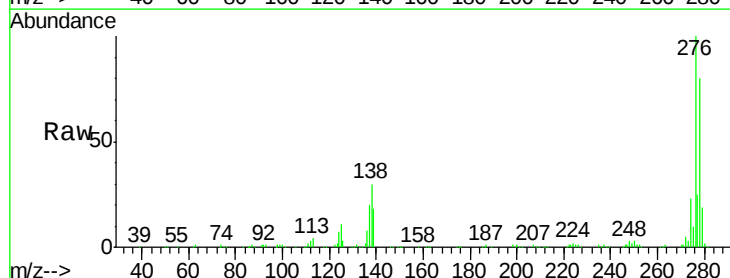
Manual Integrations
APPROVED

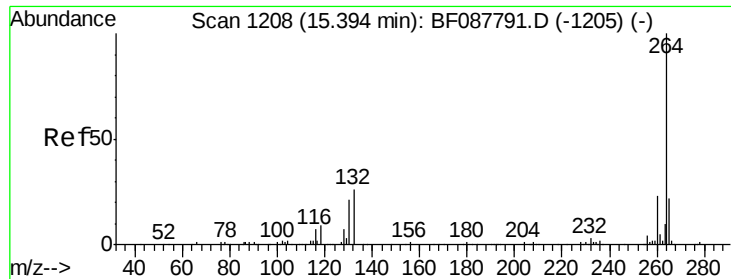
sohil
6/21/2016 4:22:18 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 27.98 ng
RT: 16.47 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	31.5	0.0	0.0#
277	24.9	0.0	0.0#





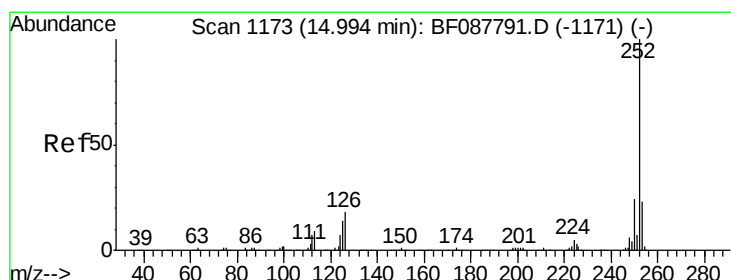
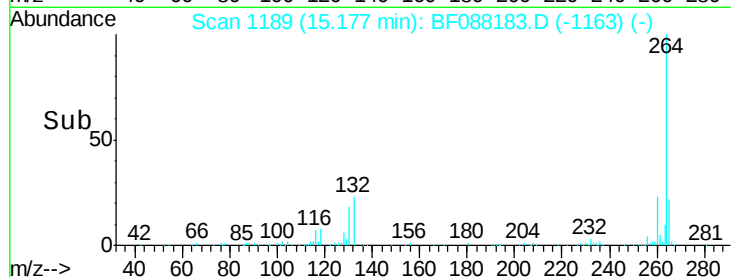
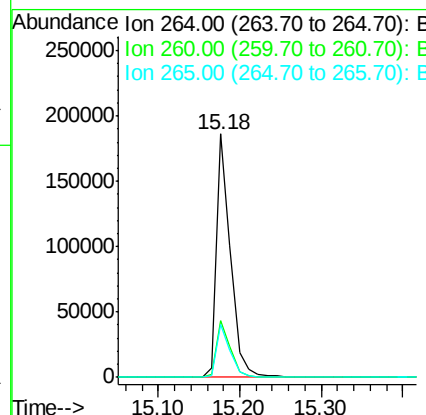
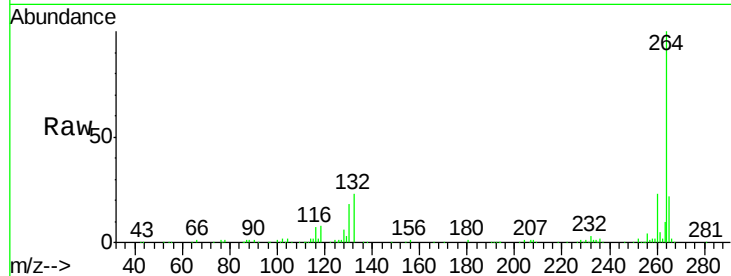
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.6	16.9	25.3

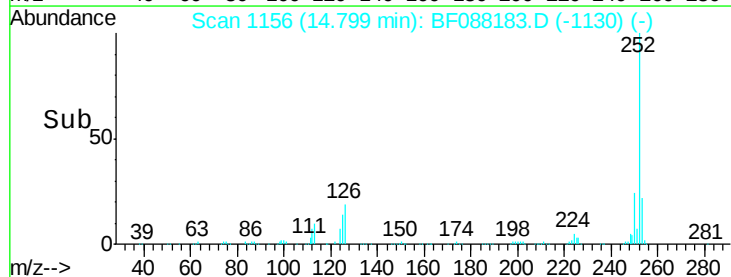
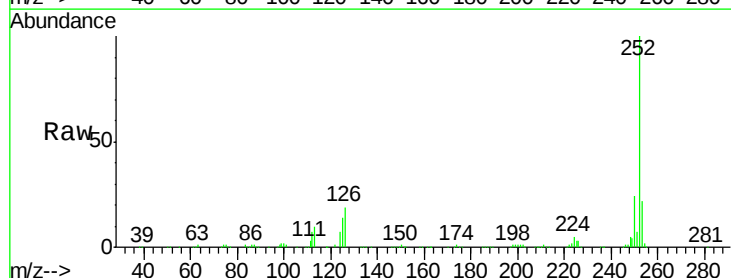
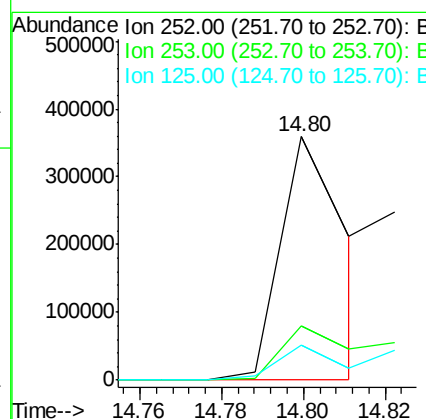
Manual Integrations
APPROVED

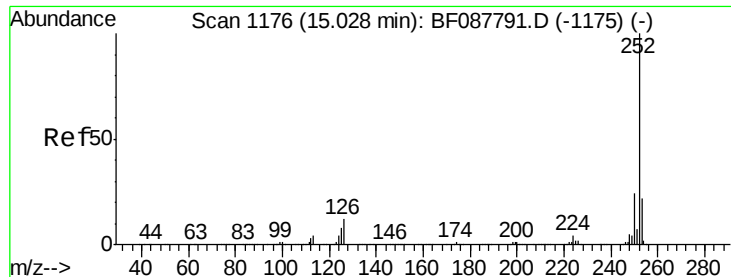
sohil
6/21/2016 4:22:18 PM



#87
Benzo(b)fluoranthene
Concen: 25.64 ng m
RT: 14.80 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	14.4	7.1	10.7#





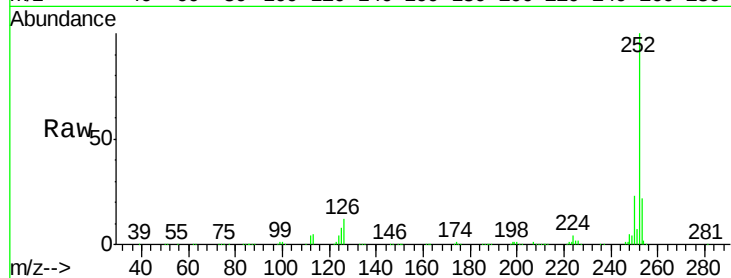
#88
Benzo(k)fluoranthene
Concen: 35.56 ng m
RT: 14.83 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

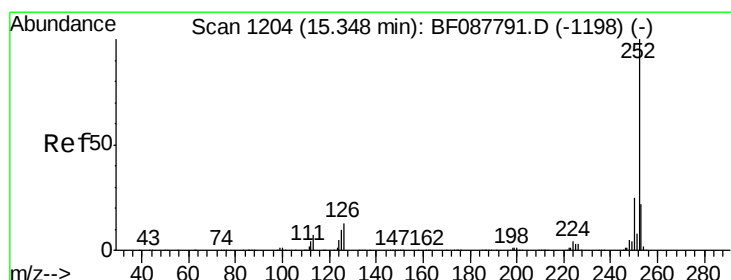
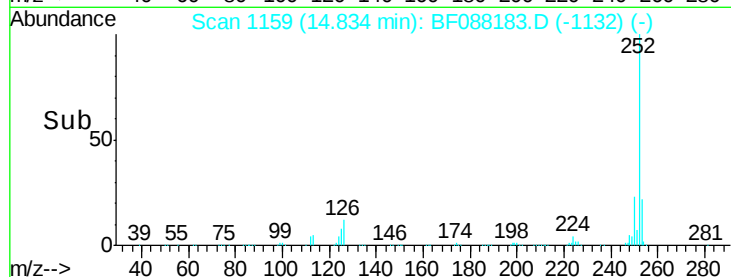
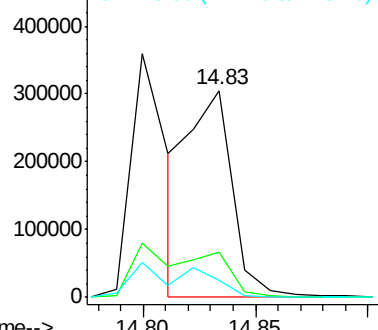
Tot Ion	Ratio	Resp	Lower	Upper
252	100	418323		
253	22.1	18.0	27.0	
125	8.4	11.2	16.8	

Manual Integrations
APPROVED

sohil
6/21/2016 4:22:18 PM



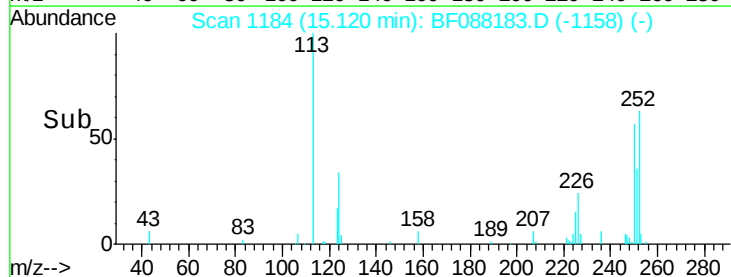
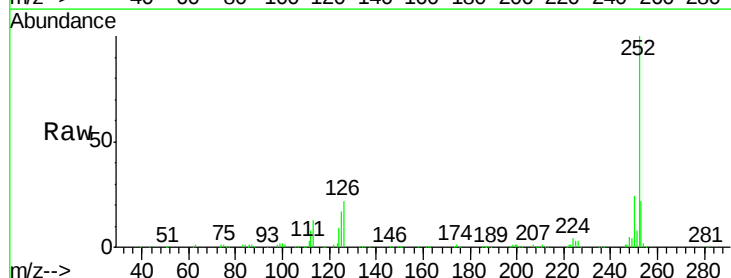
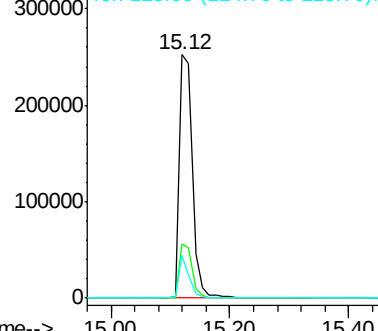
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

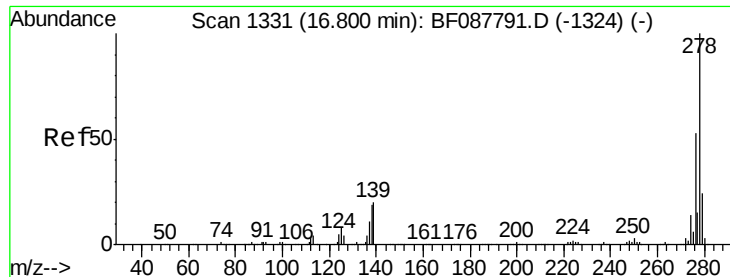


#89
Benzo(a)pyrene
Concen: 31.04 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	391694		
253	22.3	17.9	26.9	
125	17.4	12.5	18.7	

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





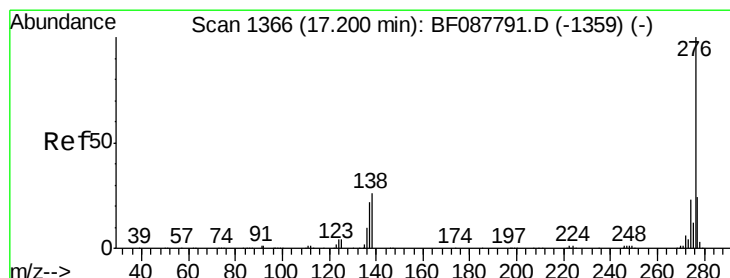
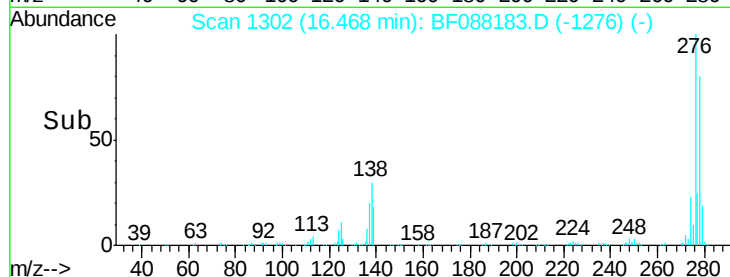
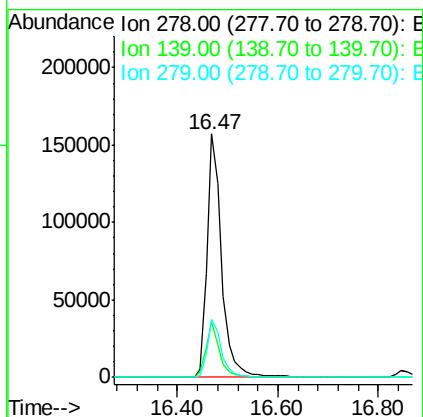
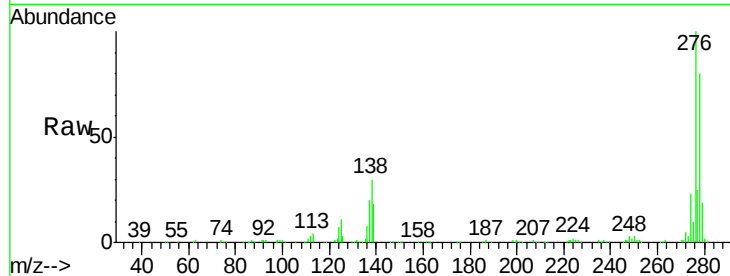
#90
Dibenzo(a,h)anthracene
Concen: 26.98 ng
RT: 16.47 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

Tot Ion:	278	Resp:	316125
Ion Ratio	Lower	Upper	
278	100		
139	22.5	15.7	23.5
279	23.6	19.4	29.2

Manual Integrations
APPROVED

sohil
6/21/2016 4:22:18 PM



#91
Benzo(g,h,i)perylene
Concen: 27.00 ng
RT: 16.85 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion:	276	Resp:	325477
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.9	28.3
138	27.4	21.4	32.2

