

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
 Data File : BF085782.D
 Acq On : 26 Mar 2016 1:04
 Operator : UM/SJ
 Sample : H1834-08MS
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 13MS

Manual Integrations
 APPROVED

Sohil
 3/28/2016 8:00:57 PM

Quant Time: Mar 26 03:27:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	107787	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	413909	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	171109	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	266322	20.00	ng	0.00
75) Chrysene-d12	13.98	240	216068	20.00	ng	0.00
86) Perylene-d12	15.40	264	183712	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	783262	121.02	ng	0.02
7) Phenol-d6	6.47	99	1019829	123.93	ng	0.01
23) Nitrobenzene-d5	7.40	82	642036	87.35	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	176480	108.55	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	988604	96.53	ng	0.00
78) Terphenyl-d14	12.93	244	671025	63.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	110714	35.82	ng	96
3) Pyridine	3.18	79	151431	20.44	ng	96
4) n-Nitrosodimethylamine	3.11	42	140615	47.41	ng	96
6) Aniline	6.49	93	158265	14.29	ng	96
8) 2-Chlorophenol	6.61	128	310396	41.28	ng	88
9) Benzaldehyde	6.37	77	60629	12.23	ng	97
10) Phenol	6.48	94	437194	46.90	ng	99
11) bis(2-Chloroethyl)ether	6.56	93	297802m	41.51	ng	
12) 1,3-Dichlorobenzene	6.77	146	343551m	42.43	ng	
13) 1,4-Dichlorobenzene	6.85	146	341603	41.60	ng	93
14) 1,2-Dichlorobenzene	7.00	146	319548	41.75	ng	97
15) Benzyl Alcohol	6.97	79	246459	44.89	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	395930	41.59	ng	96
17) 2-Methylphenol	7.09	107	256304	42.57	ng	98
18) Hexachloroethane	7.34	117	112766	37.50	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	220058	44.66	ng	96
20) 3+4-Methylphenols	7.25	107	316894	43.78	ng	# 79
22) Acetophenone	7.24	105	414624	43.00	ng	96
24) Nitrobenzene	7.42	77	318970	42.10	ng	# 77
25) Isophorone	7.65	82	598233	42.25	ng	99
26) 2-Nitrophenol	7.73	139	146604	38.68	ng	# 86
27) 2,4-Dimethylphenol	7.77	122	284235	42.90	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	394635	48.92	ng	99
29) 2,4-Dichlorophenol	7.98	162	246448	44.25	ng	94
30) 1,2,4-Trichlorobenzene	8.06	180	267872	43.32	ng	93
31) Naphthalene	8.14	128	889500	42.65	ng	99
32) Benzoic acid	7.85	122	23093m	5.25	ng	
33) 4-Chloroaniline	8.18	127	69007	8.10	ng	# 95
34) Hexachlorobutadiene	8.25	225	143841	42.80	ng	98
35) Caprolactam	8.55	113	67278	34.10	ng	94
36) 4-Chloro-3-methylphenol	8.68	107	272897	41.95	ng	98
37) 2-Methylnaphthalene	8.82	142	556326	46.00	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	235716	46.45	ng	99
40) Hexachlorocyclopentadiene	8.97	237	32541	22.81	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
 Data File : BF085782.D
 Acq On : 26 Mar 2016 1:04
 Operator : UM/SJ
 Sample : H1834-08MS
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 13MS

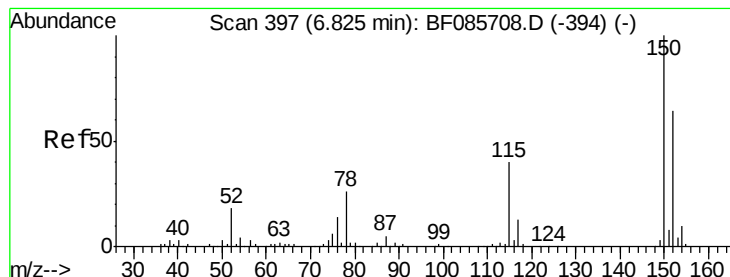
Manual Integrations
 APPROVED

Sohil
 3/28/2016 8:00:57 PM

Quant Time: Mar 26 03:27:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	159955	46.67	nq	96
43) 2,4,5-Trichlorophenol	9.16	196	154819	43.08	nq	99
45) 1,1'-Biphenyl	9.29	154	672601	46.58	nq	94
46) 2-Chloronaphthalene	9.32	162	501819	47.27	nq	96
47) 2-Nitroaniline	9.41	65	141053	43.45	nq	85
48) Acenaphthylene	9.73	152	762433	44.07	nq	99
49) Dimethylphthalate	9.59	163	773634	59.59	nq	99
50) 2,6-Dinitrotoluene	9.66	165	130617	46.74	nq	# 69
51) Acenaphthene	9.90	154	444447	42.06	nq	100
52) 3-Nitroaniline	9.82	138	84133	26.30	nq	97
53) 2,4-Dinitrophenol	9.93	184	16417	16.79	nq	93
54) Dibenzofuran	10.07	168	622863	45.54	nq	97
55) 4-Nitrophenol	9.99	139	140852	67.60	nq	88
56) 2,4-Dinitrotoluene	10.06	165	150042	42.25	nq	# 67
57) Fluorene	10.41	166	484984	42.66	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	106454	42.62	nq	95
59) Diethylphthalate	10.29	149	553799	43.18	nq	98
60) 4-Chlorophenyl-phenylether	10.40	204	209928	37.77	nq	95
61) 4-Nitroaniline	10.44	138	120597	39.42	nq	96
62) Azobenzene	10.56	77	548121	44.47	nq	98
64) 4,6-Dinitro-2-methylphenol	10.47	198	22368	14.34	nq	# 66
65) n-Nitrosodiphenylamine	10.53	169	441418	52.33	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	131028	48.09	nq	97
67) Hexachlorobenzene	10.96	284	133357	46.80	nq	# 92
68) Atrazine	11.05	200	137651	48.33	nq	99
69) Pentachlorophenol	11.16	266	120833	86.38	nq	99
70) Phenanthrene	11.37	178	678882	49.65	nq	99
71) Anthracene	11.42	178	615353	42.86	nq	99
72) Carbazole	11.58	167	575742	47.77	nq	99
73) Di-n-butylphthalate	11.91	149	788291	47.66	nq	100
74) Fluoranthene	12.56	202	626661	43.11	nq	89
76) Benzidine	12.68	184	117672	15.46	nq	99
77) Pyrene	12.79	202	646488	36.40	nq	99
79) Butylbenzylphthalate	13.41	149	314279	42.25	nq	97
80) Benzo(a)anthracene	13.97	228	544701	44.21	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	132951	15.55	nq	99
82) Chrysene	14.01	228	519631	41.87	nq	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	424327	47.65	nq	100
84) Di-n-octyl phthalate	14.57	149	777396	58.70	nq	99
85) Indeno(1,2,3-cd)pyrene	16.79	276	415787	43.39	nq	99
87) Benzo(b)fluoranthene	15.00	252	514339m	44.44	nq	
88) Benzo(k)fluoranthene	15.02	252	495821m	47.52	nq	
89) Benzo(a)pyrene	15.34	252	458683	44.64	nq	99
90) Dibenzo(a,h)anthracene	16.80	278	360384	37.75	nq	97
91) Benzo(g,h,i)perylene	17.20	276	324978	33.61	nq	98

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



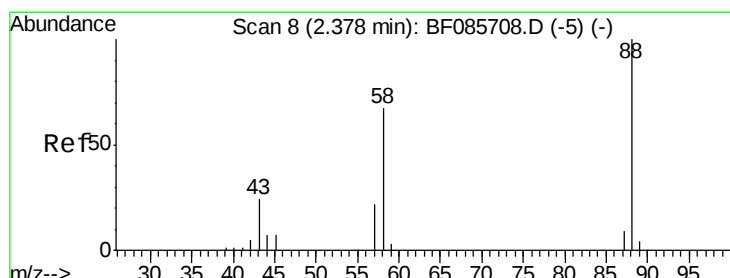
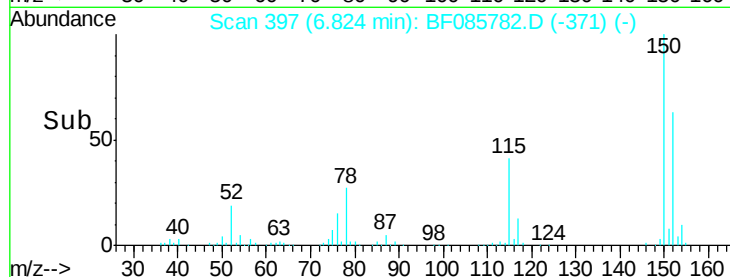
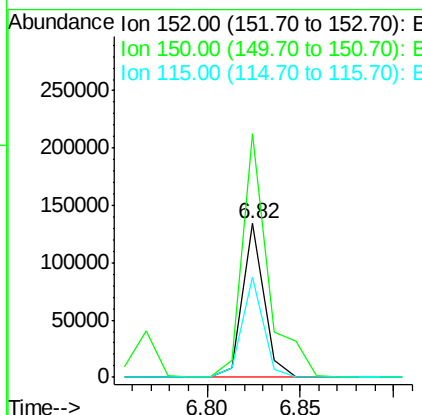
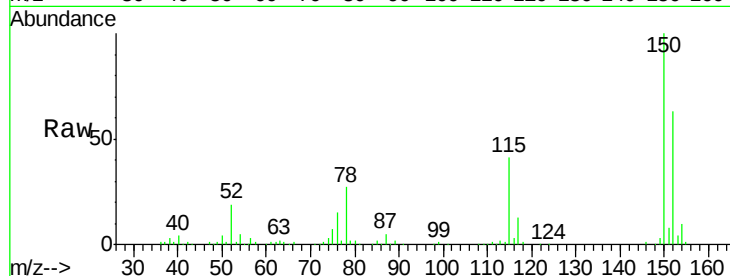
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Instrument :
 BNA_F
 ClientSampled :
 13MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.2	186.2
115	65.4	47.0	70.6

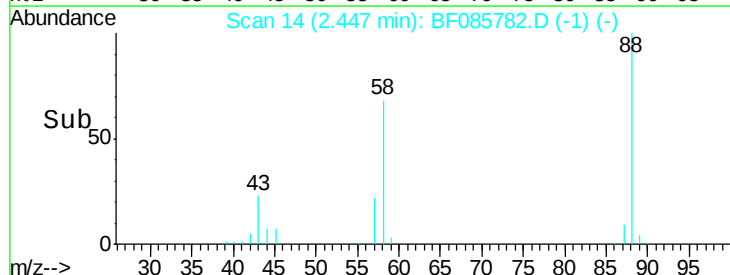
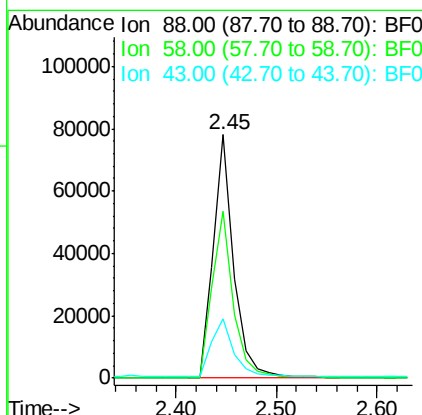
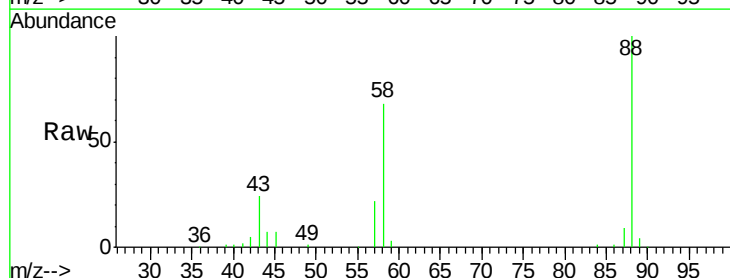
Manual Integrations
 APPROVED

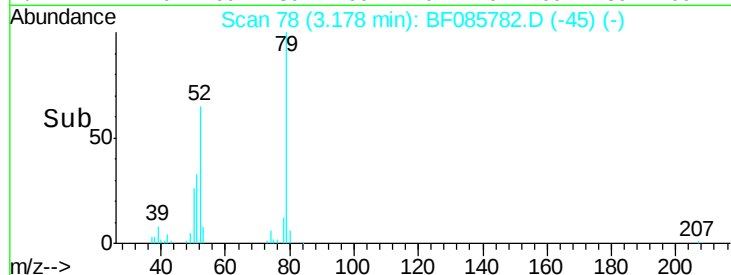
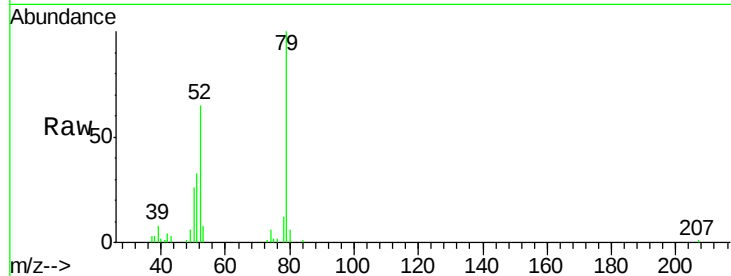
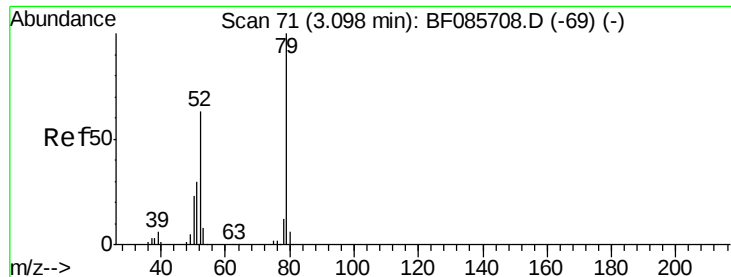
Sohil
 3/28/2016 8:00:57 PM



#2
 1,4-Dioxane
 Concen: 35.82 ng
 RT: 2.45 min Scan# 14
 Delta R.T. 0.07 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.7	54.2	81.2
43	25.6	19.3	28.9





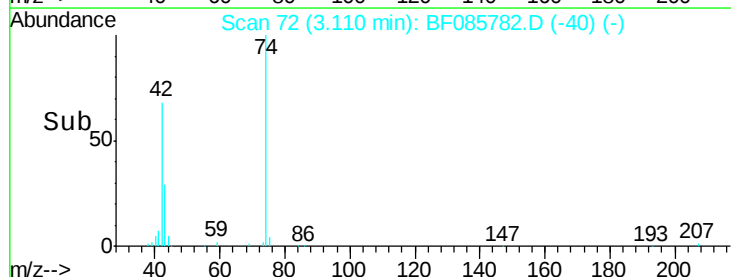
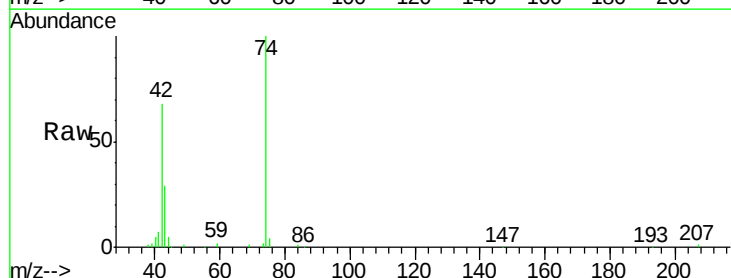
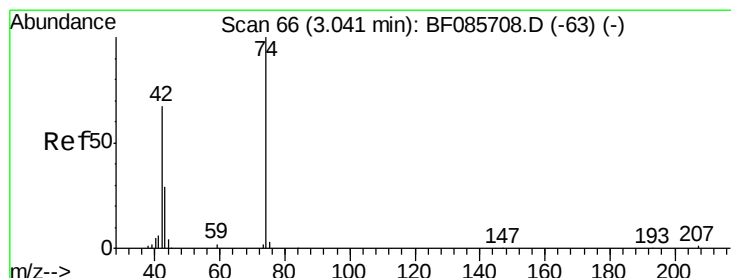
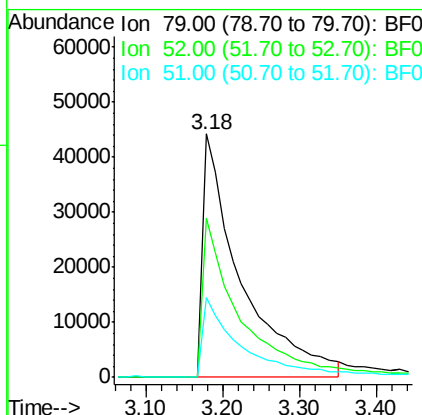
#3
 Pvridine
 Concen: 20.44 ng
 RT: 3.18 min Scan# 78
 Delta R.T. 0.08 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		151431		
52	65.5	49.8	74.6		
51	32.8	24.7	37.1		

Instrument :
 BNA_F
 ClientSampled :
 13MS

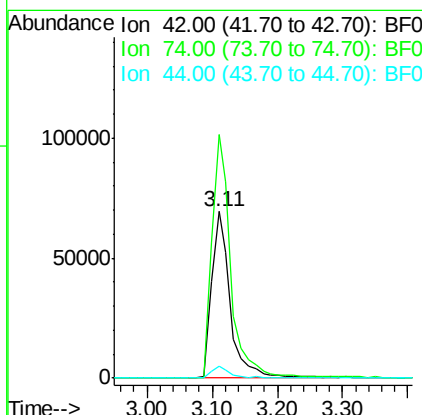
Manual Integrations
 APPROVED

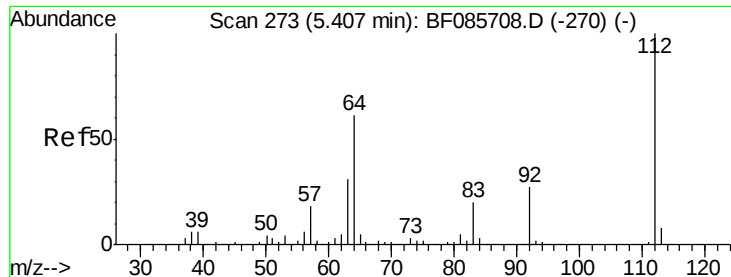
Sohil
 3/28/2016 8:00:57 PM



#4
 n-Nitrosodimethylamine
 Concen: 47.41 ng
 RT: 3.11 min Scan# 72
 Delta R.T. 0.07 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		140615		
74	146.3	121.4	182.2		
44	7.0	5.6	8.4		





#5

2-Fluorophenol

Concen: 121.02 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

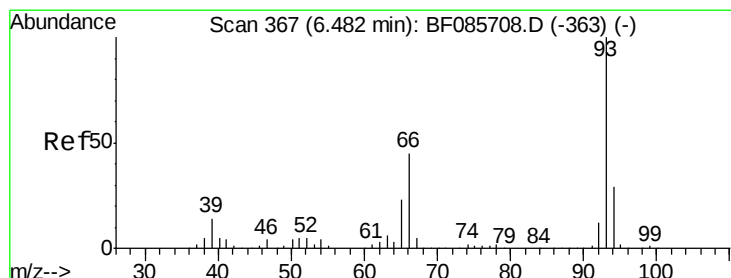
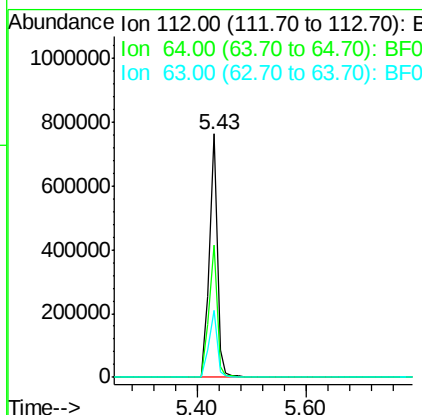
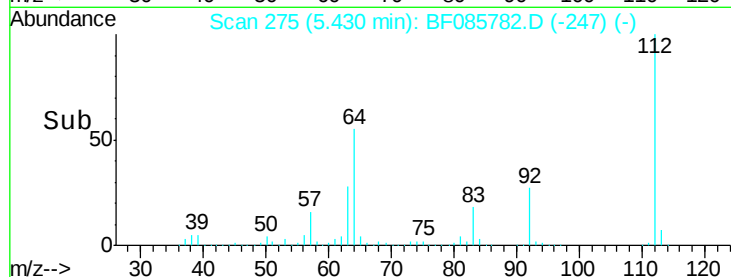
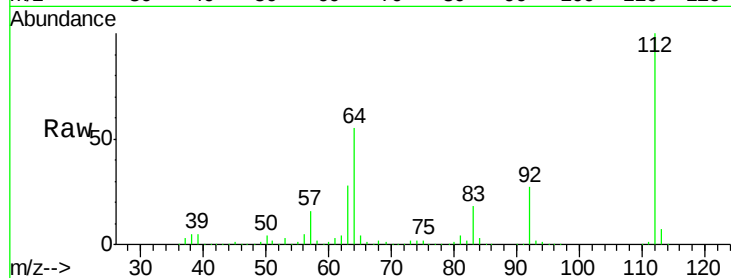
ClientSampled :

13MS

Tot Ion:	112	Resp:	783262
Ion Ratio	Lower	Upper	
112	100		
64	54.6	39.9	59.9
63	27.5	20.2	30.2

Manual Integrations
APPROVED

Sohil
3/28/2016 8:00:57 PM



#6

Aniline

Concen: 14.29 ng

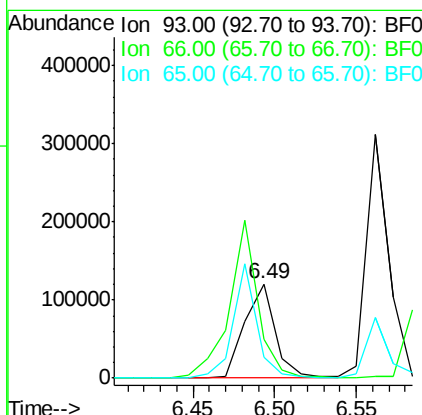
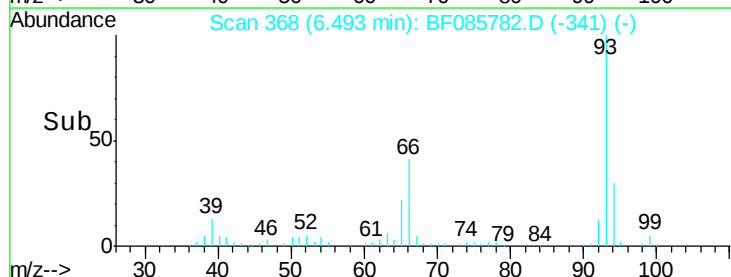
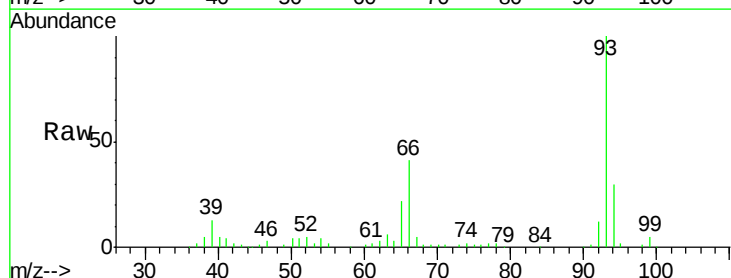
RT: 6.49 min Scan# 368

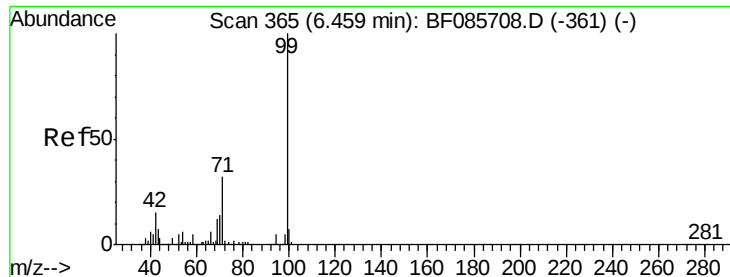
Delta R.T. 0.01 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Tgt Ion:	93	Resp:	158265
Ion Ratio	Lower	Upper	
93	100		
66	41.3	31.4	47.2
65	22.3	15.7	23.5





#7

Phenol-d6

Concen: 123.93 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.01 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

ClientSampled :

13MS

Tot Ion: 99 Resp: 1019829

Ion Ratio Lower Upper

99 100

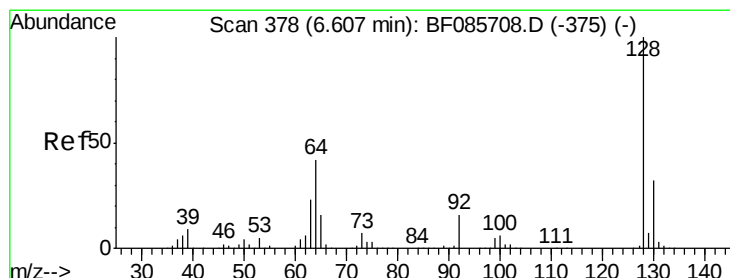
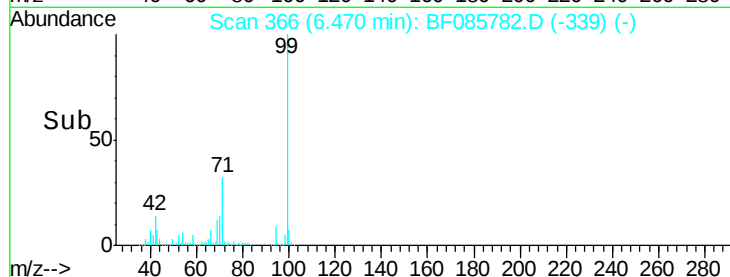
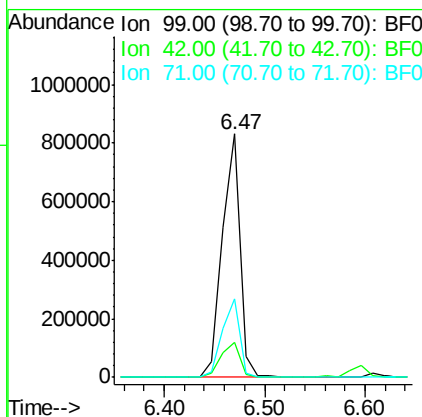
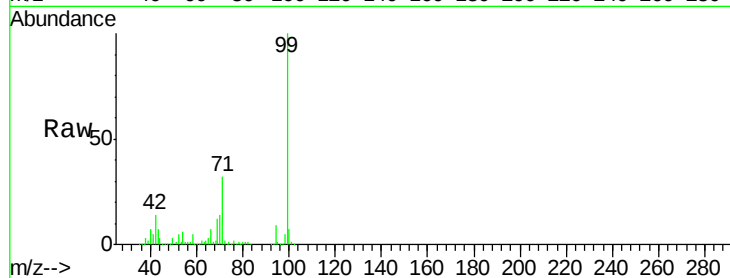
42 14.2 11.1 16.7

71 32.1 24.9 37.3

Manual Integrations
APPROVED

Sohil

3/28/2016 8:00:57 PM



#8

2-Chlorophenol

Concen: 41.28 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

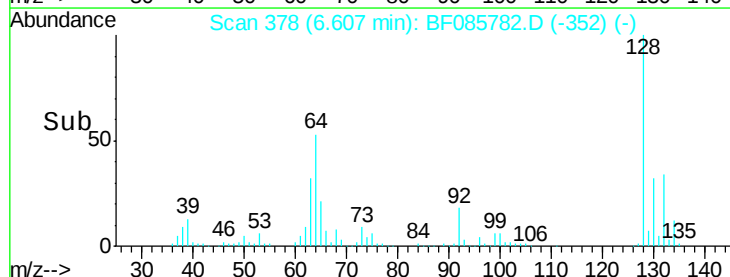
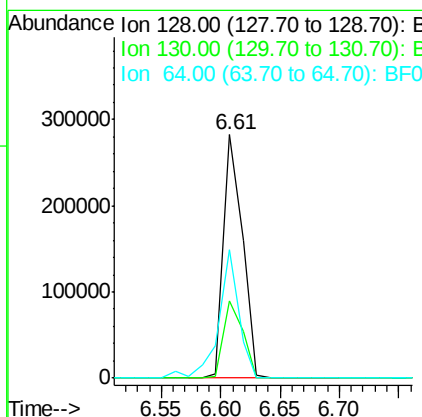
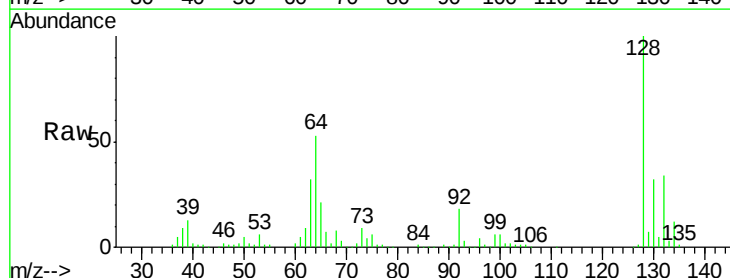
Tgt Ion: 128 Resp: 310396

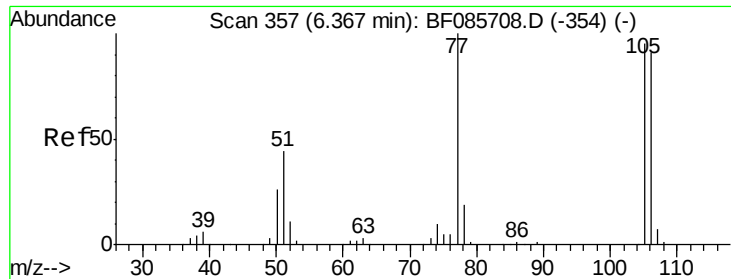
Ion Ratio Lower Upper

128 100

130 31.7 12.9 52.9

64 52.8 20.2 60.2





#9

Benzaldehyde

Concen: 12.23 ng

RT: 6.37 min Scan# 357

Delta R.T. 0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

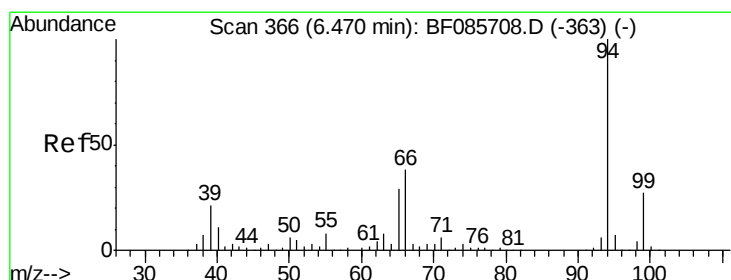
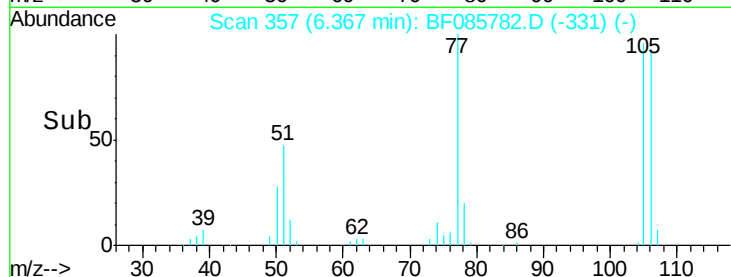
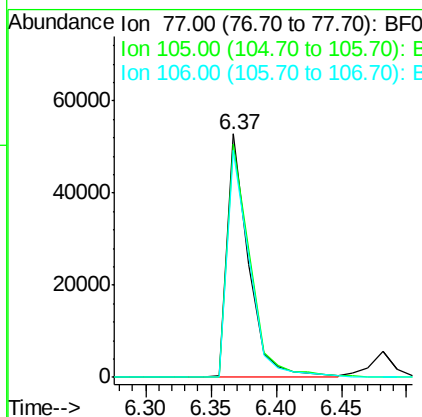
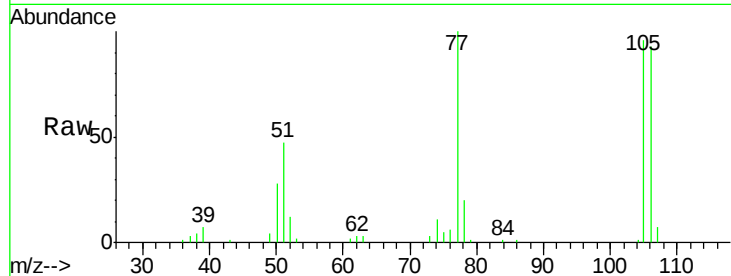
ClientSampled :

13MS

Tot Ion:	77	Resp:	60629
Ion	Ratio	Lower	Upper
77	100		
105	95.8	80.1	120.1
106	93.2	75.0	115.0

Manual Integrations
APPROVED

Sohil
3/28/2016 8:00:57 PM



#10

Phenol

Concen: 46.90 ng

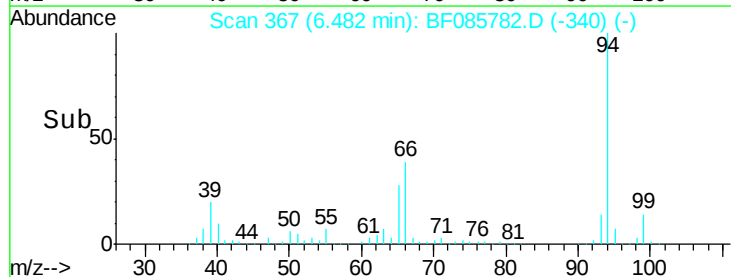
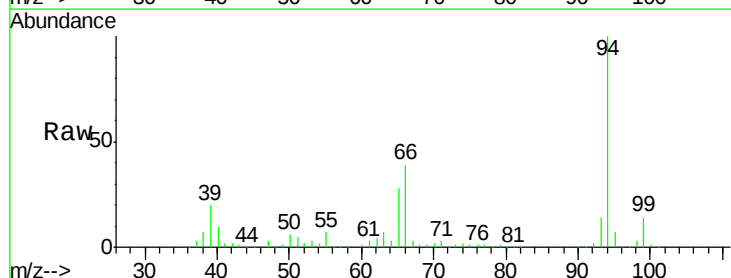
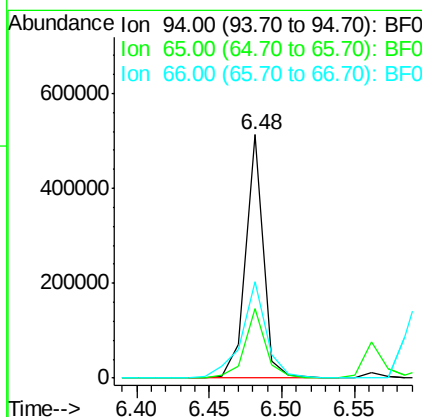
RT: 6.48 min Scan# 367

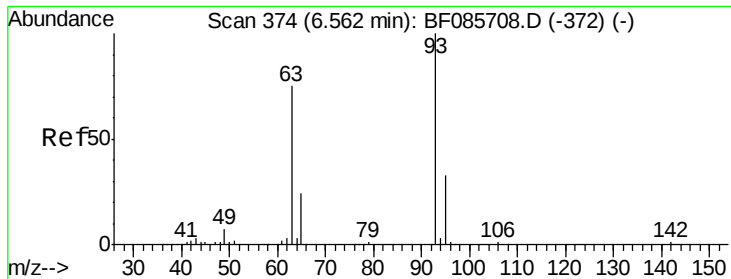
Delta R.T. 0.01 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Tgt Ion:	94	Resp:	437194
Ion	Ratio	Lower	Upper
94	100		
65	28.4	8.6	48.6
66	39.3	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 41.51 ng m

RT: 6.56 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

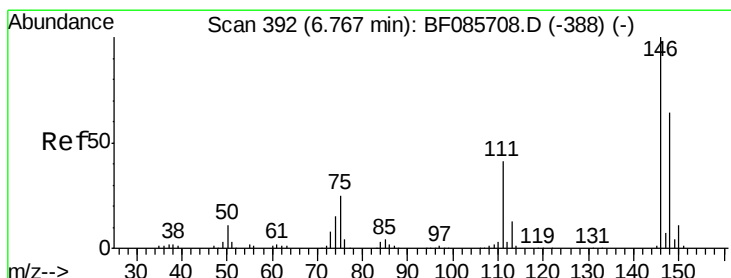
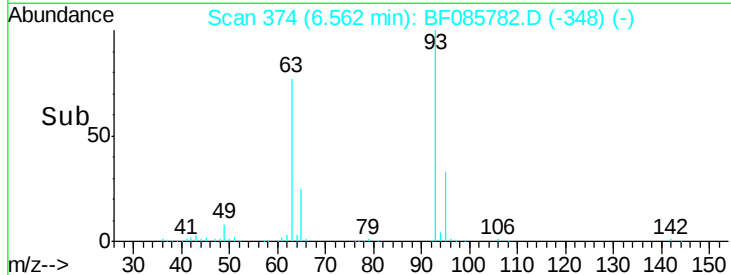
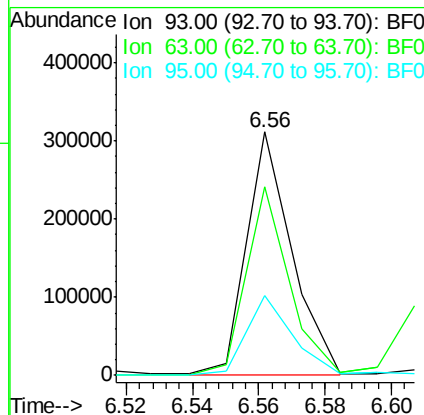
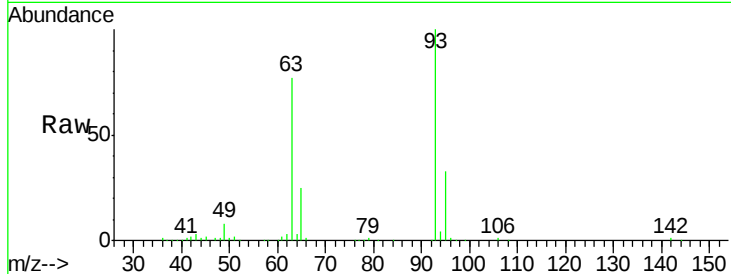
ClientSampleId :

13MS

Tot Ion:	93	Resp:	297802
Ion Ratio	Lower	Upper	
93	100		
63	77.4	50.9	90.9
95	32.7	13.3	53.3

Manual Integrations
APPROVED

Sohil
3/28/2016 8:00:57 PM



#12

1,3-Dichlorobenzene

Concen: 42.43 ng m

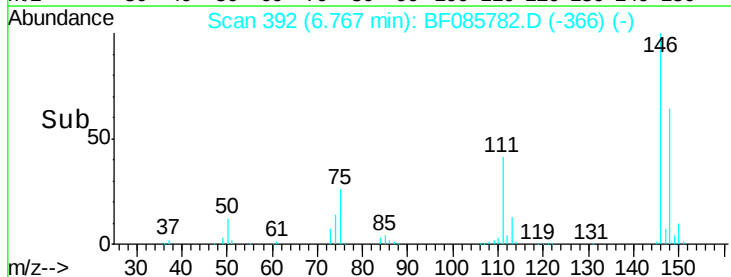
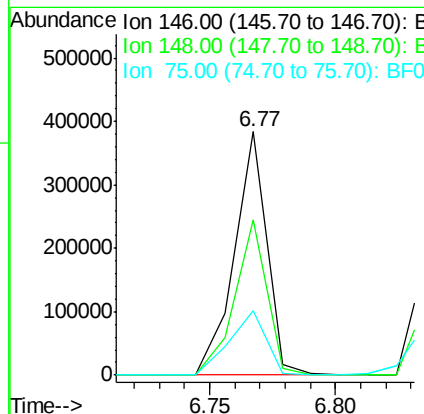
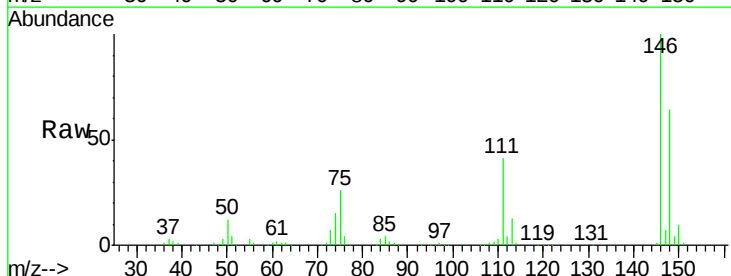
RT: 6.77 min Scan# 392

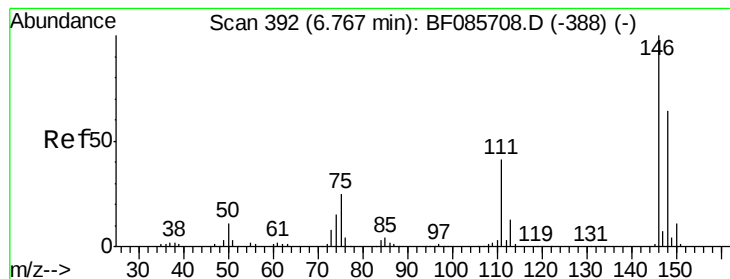
Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Tgt Ion:	146	Resp:	343551
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.3	78.5
75	26.4	17.4	26.2





#13

1,4-Dichlorobenzene

Concen: 41.60 ng

RT: 6.85 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

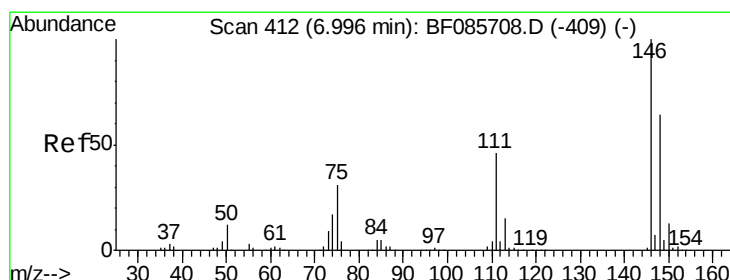
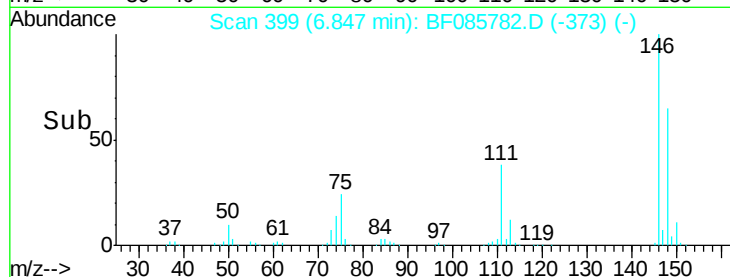
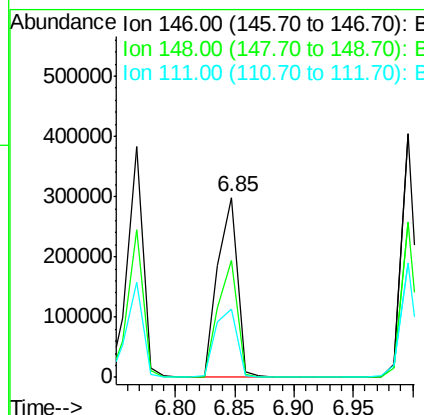
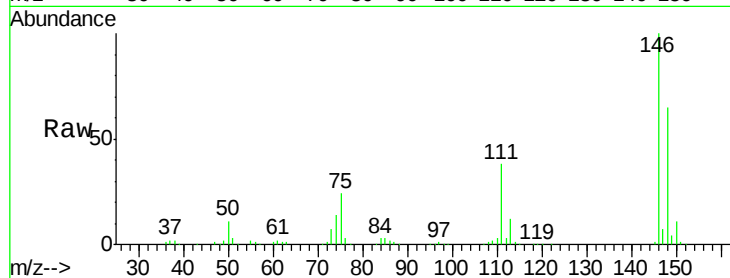
ClientSampled :

13MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
341603	146	100			
	148	64.7	50.6	76.0	
	111	38.1	37.8	56.6	

Manual Integrations
APPROVED

Sohil
3/28/2016 8:00:57 PM



#14

1,2-Dichlorobenzene

Concen: 41.75 ng

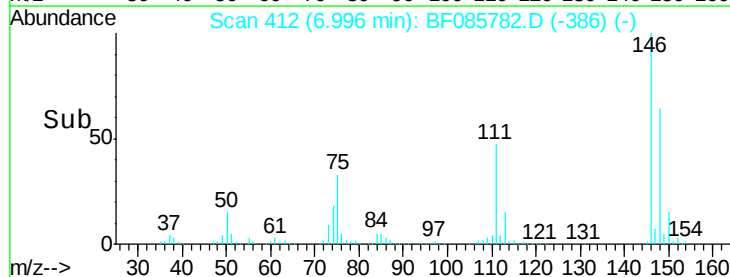
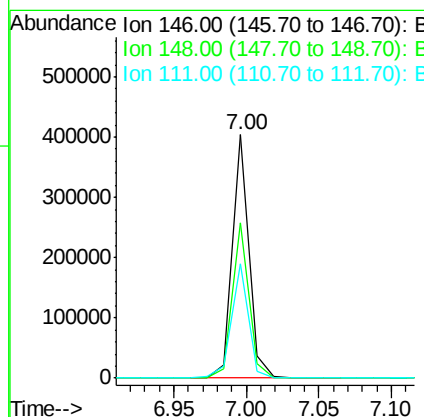
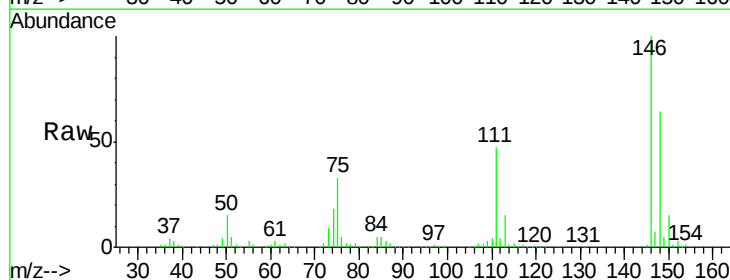
RT: 7.00 min Scan# 412

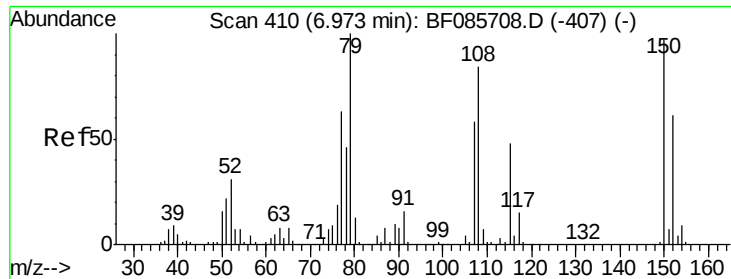
Delta R.T. 0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
319548	146	100			
	148	63.8	51.4	77.2	
	111	46.8	34.6	52.0	





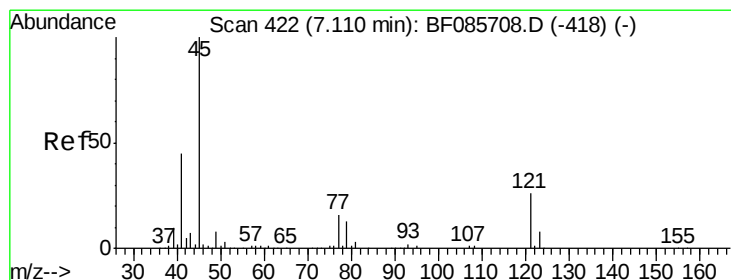
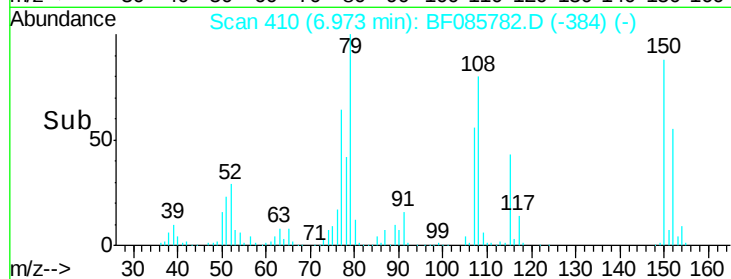
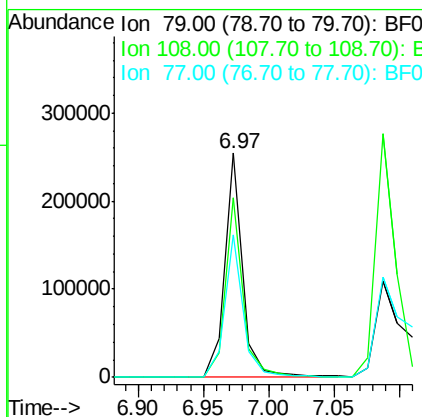
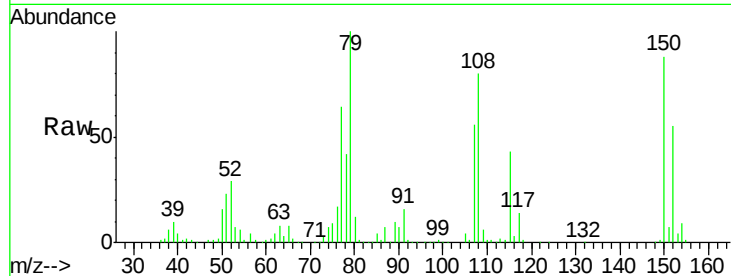
#15
Benzyl Alcohol
Concen: 44.89 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Instrument :
BNA_F
ClientSampled :
13MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.2	61.8	92.6
77	63.7	49.6	74.4

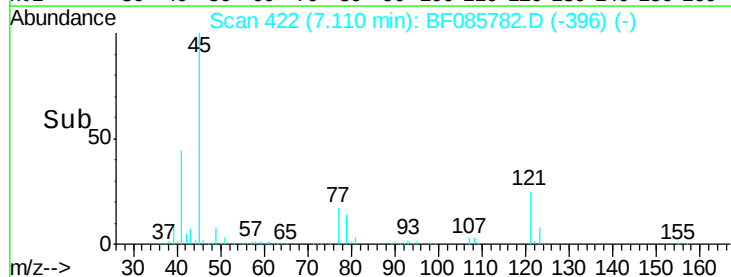
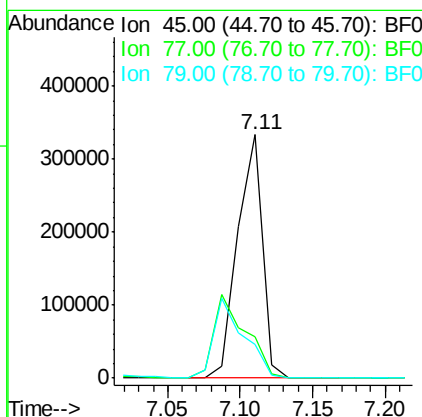
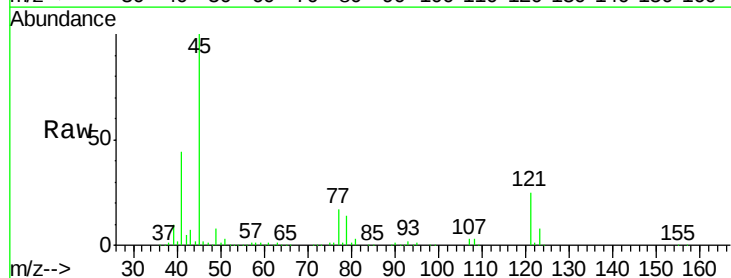
Manual Integrations
APPROVED

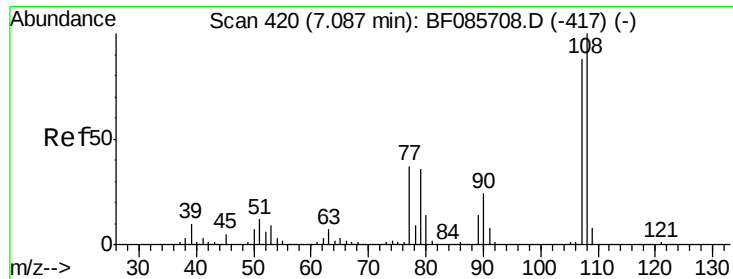
Sohil
3/28/2016 8:00:57 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.59 ng
RT: 7.11 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.3	0.0	35.7
79	13.8	0.0	32.2





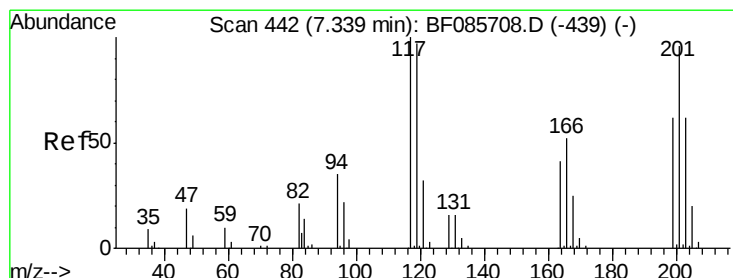
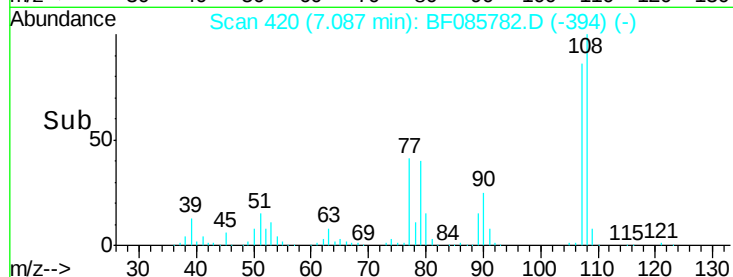
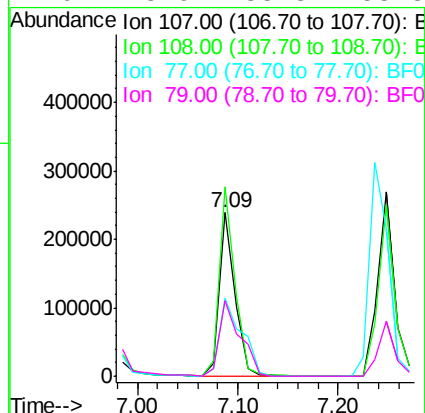
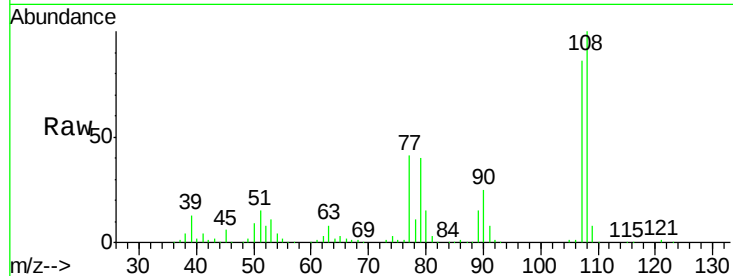
#17
2-Methylphenol
Concen: 42.57 ng
RT: 7.09 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Instrument :
BNA_F
ClientSampled :
13MS

Tot Ion:	107	Resp:	256304
Ion Ratio	Lower	Upper	
107	100		
108	115.6	91.4	137.0
77	47.6	36.2	54.2
79	45.9	35.8	53.8

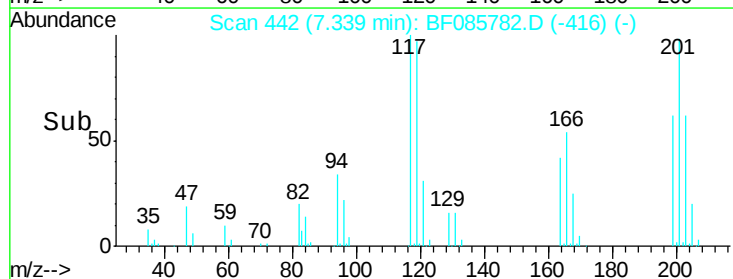
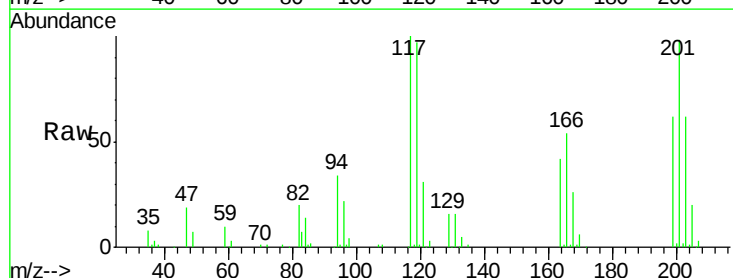
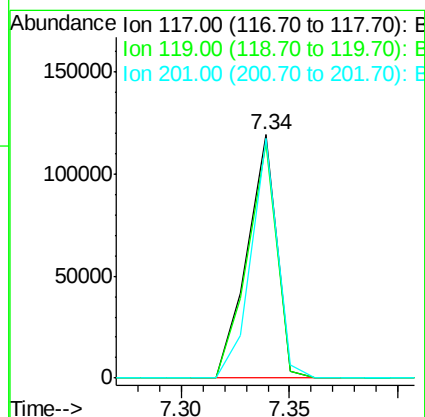
Manual Integrations
APPROVED

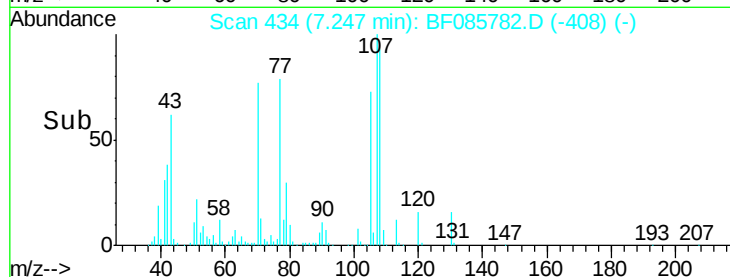
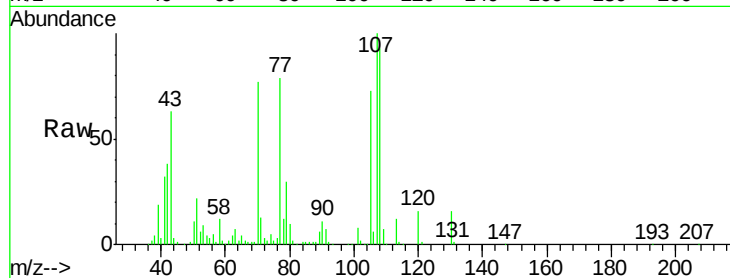
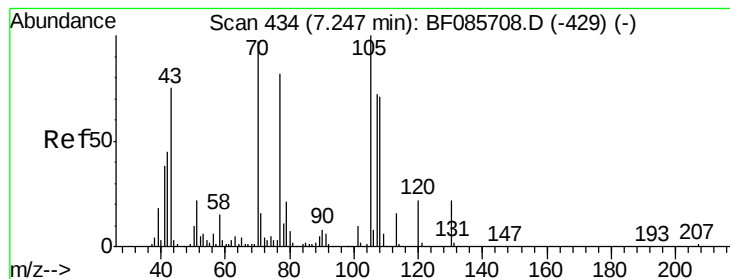
Sohil
3/28/2016 8:00:57 PM



#18
Hexachloroethane
Concen: 37.50 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Tgt Ion:	117	Resp:	112766
Ion Ratio	Lower	Upper	
117	100		
119	96.6	76.7	115.1
201	98.3	83.3	124.9





#19

n-Nitroso-di-n-propylamine

Concen: 44.66 ng

RT: 7.25 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

ClientSampleId :

13MS

Tot Ion: 70 Resp: 220058

Ion Ratio Lower Upper

70 100

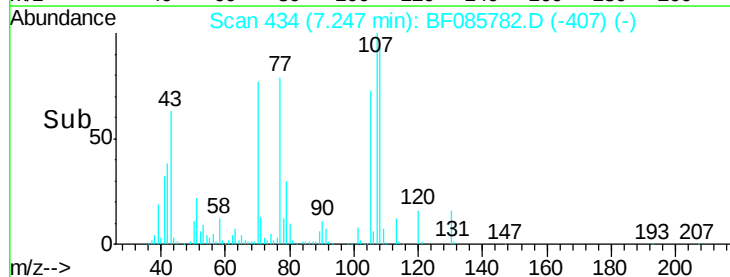
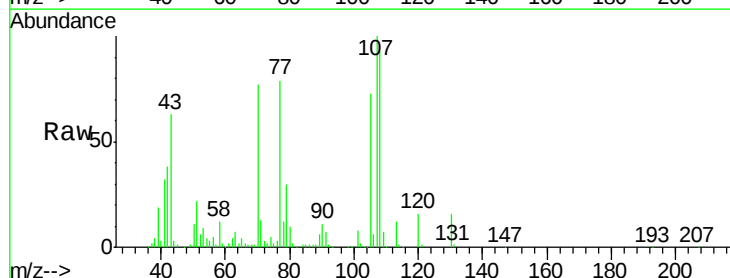
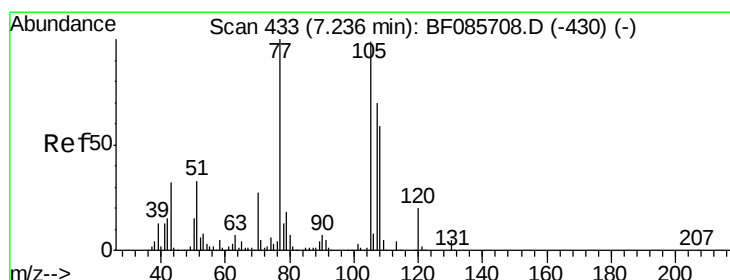
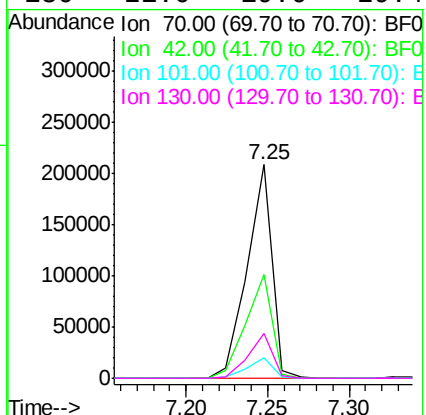
42 48.8 37.1 55.7

101 9.9 8.6 12.8

130 21.0 19.6 29.4

Manual Integrations
APPROVED

Sohil
3/28/2016 8:00:57 PM



#20

3+4-Methylphenols

Concen: 43.78 ng

RT: 7.25 min Scan# 434

Delta R.T. 0.01 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Tgt Ion: 107 Resp: 316894

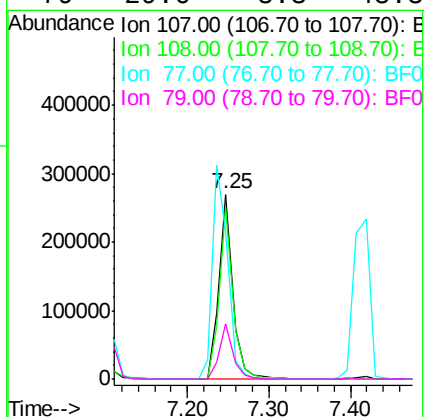
Ion Ratio Lower Upper

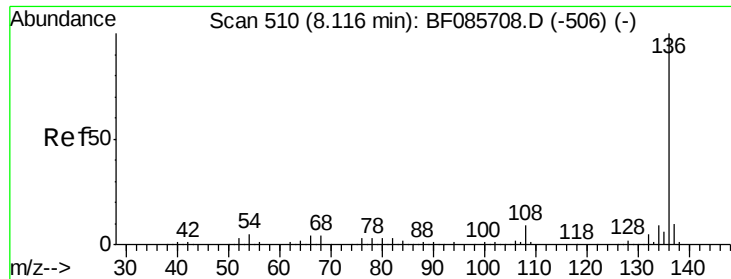
107 100

108 92.9 69.3 109.3

77 79.4 101.7 141.7#

79 29.6 8.3 48.3





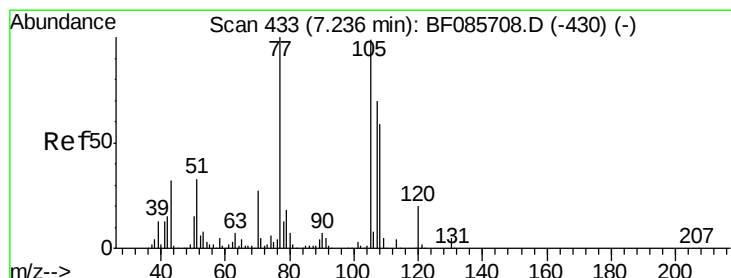
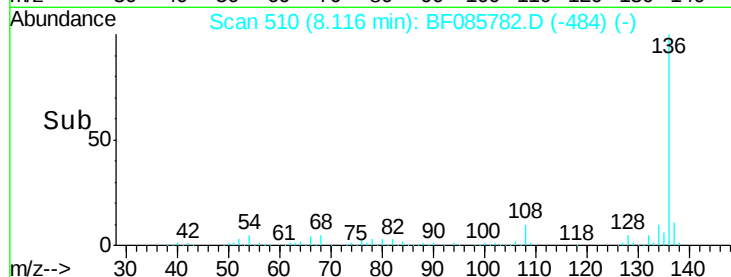
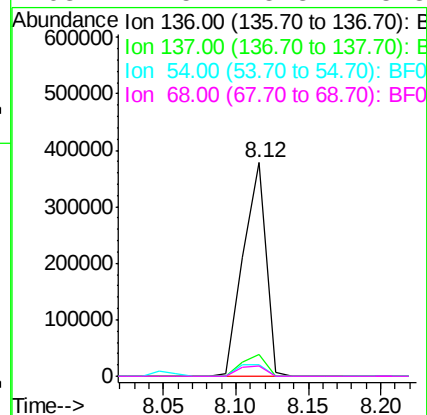
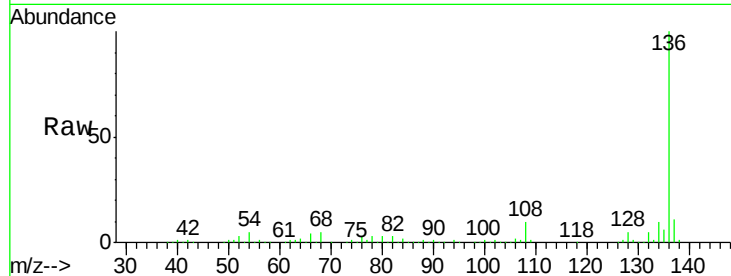
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Instrument :
BNA_F
ClientSampleId :
13MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	9.1	13.7	
54	5.3	7.4	11.0	
68	4.5	5.8	8.8	

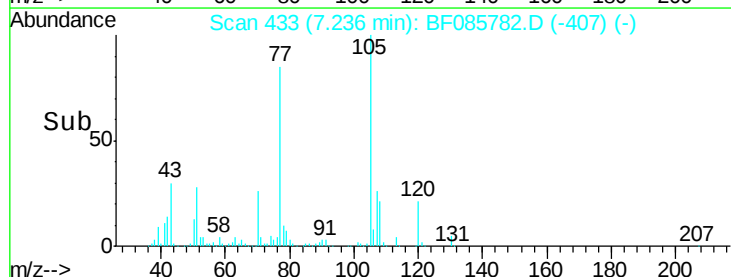
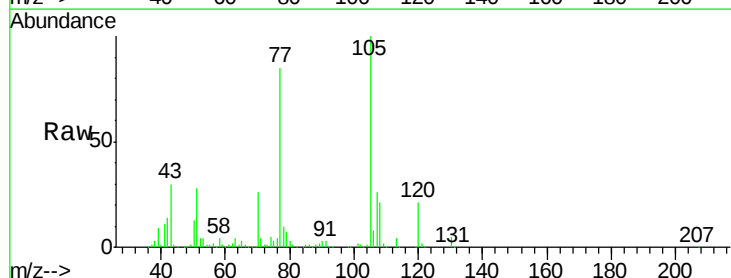
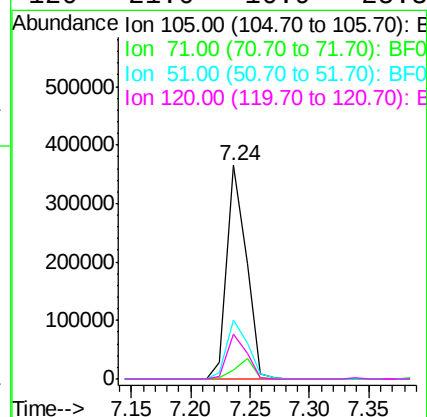
Manual Integrations
APPROVED

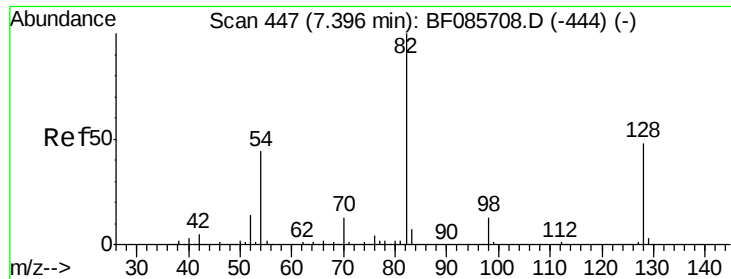
Sohil
3/28/2016 8:00:57 PM



#22
Acetophenone
Concen: 43.00 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.3	3.6	5.4	
51	27.8	25.4	38.0	
120	21.0	16.9	25.3	





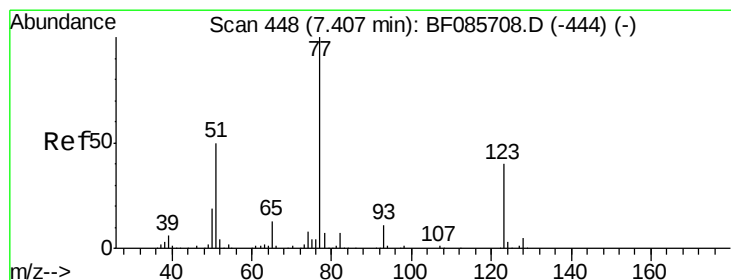
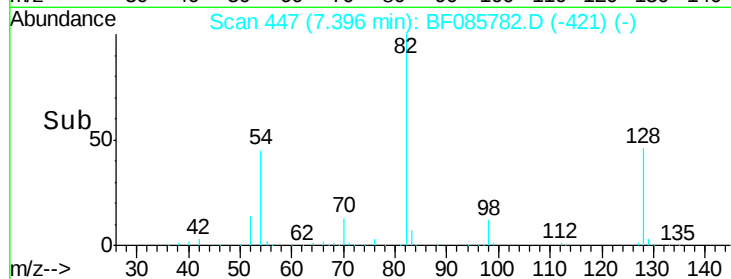
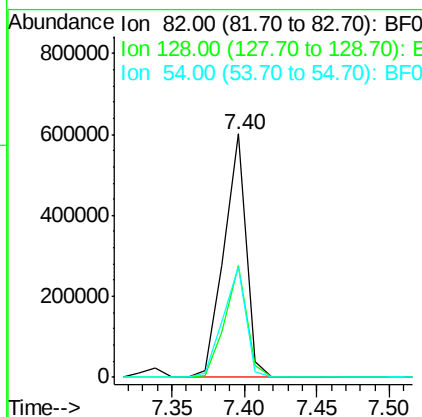
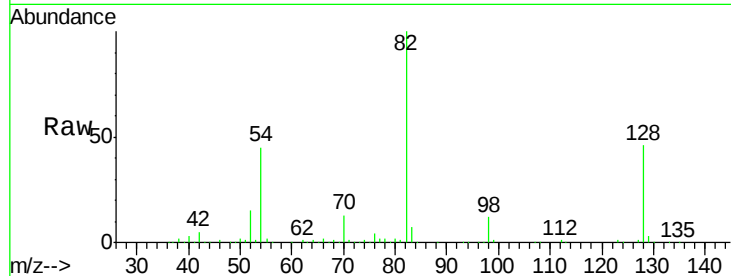
#23
Nitrobenzene-d5
Concen: 87.35 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Instrument :
BNA_F
ClientSampleId :
13MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	41.8	62.8
54	45.2	33.4	50.0

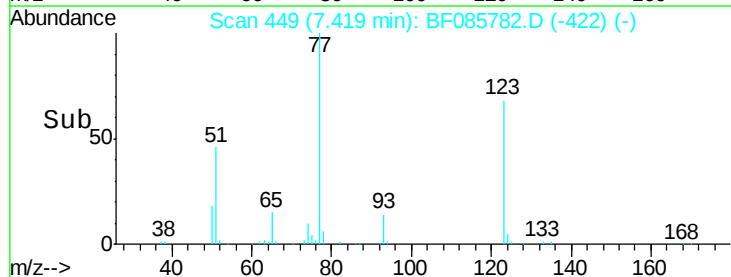
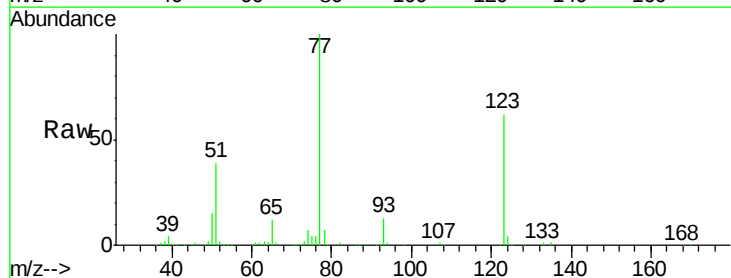
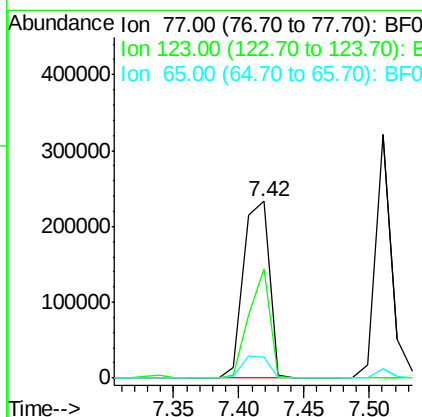
Manual Integrations
APPROVED

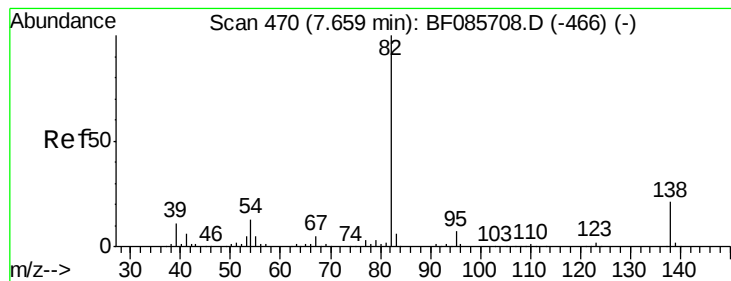
Sohil
3/28/2016 8:00:57 PM



#24
Nitrobenzene
Concen: 42.10 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.01 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	62.0	35.0	52.4#
65	11.9	10.6	16.0





#25

Isophorone

Concen: 42.25 ng

RT: 7.65 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

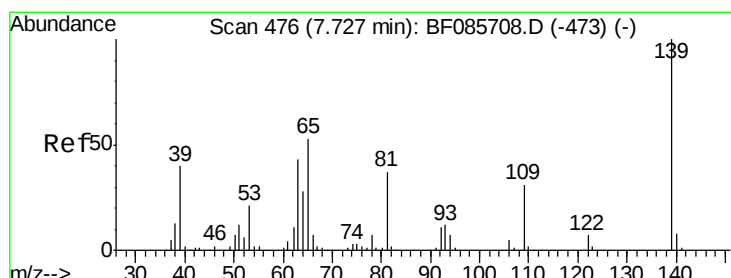
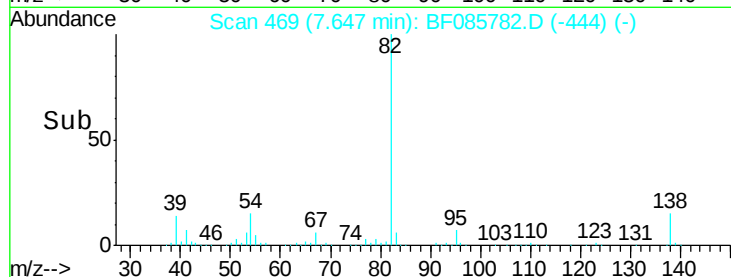
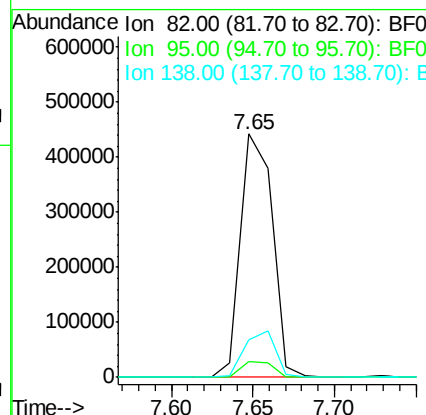
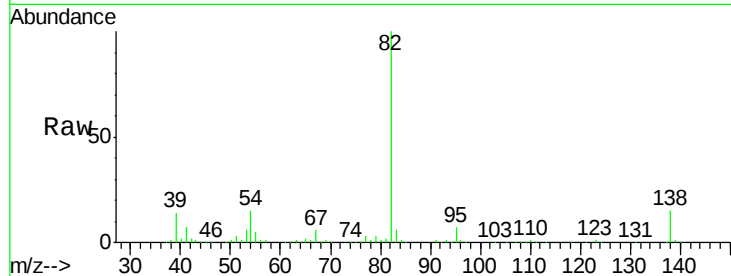
ClientSampled :

13MS

Tot Ion:	82	Resp:	598233
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.4	8.2
138	15.3	12.9	19.3

Manual Integrations
APPROVED

Sohil
3/28/2016 8:00:57 PM



#26

2-Nitrophenol

Concen: 38.68 ng

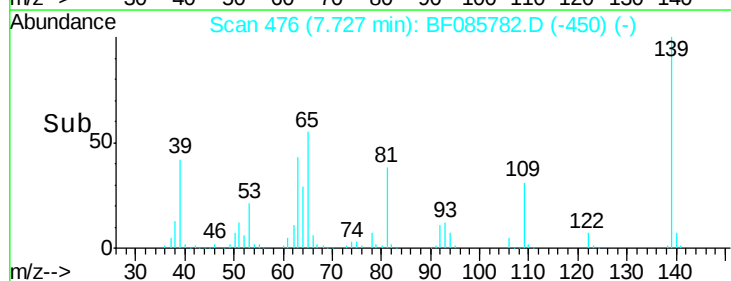
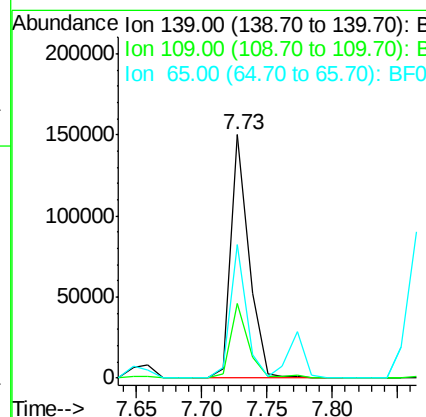
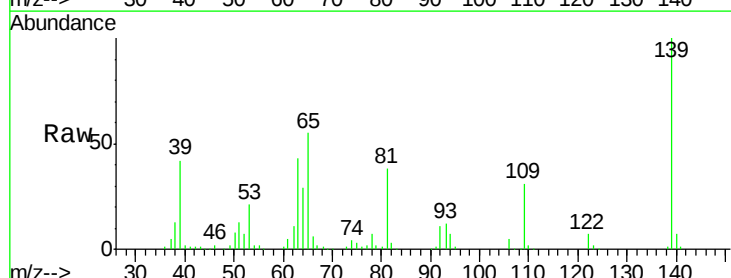
RT: 7.73 min Scan# 476

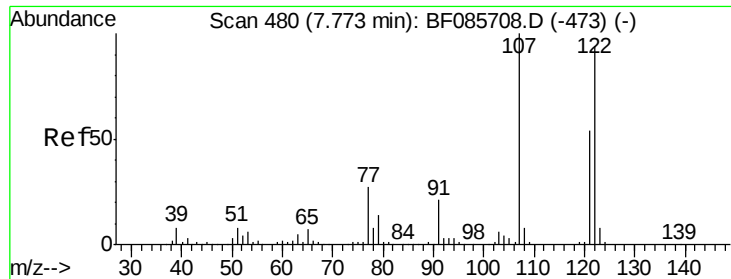
Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Tgt Ion:	139	Resp:	146604
Ion Ratio		Lower	Upper
139	100		
109	30.5	22.1	33.1
65	54.9	33.9	50.9#





#27

2,4-Dimethylphenol

Concen: 42.90 ng

RT: 7.77 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

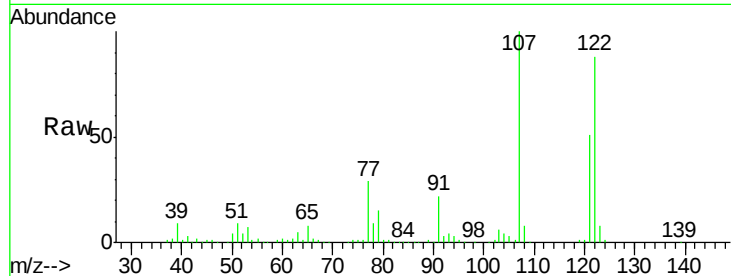
ClientSampled :

13MS

Tot Ion:	122	Resp:	284235
Ion Ratio	Lower	Upper	
122	100		
107	113.9	93.0	139.6
121	58.5	45.9	68.9

Manual Integrations
APPROVED

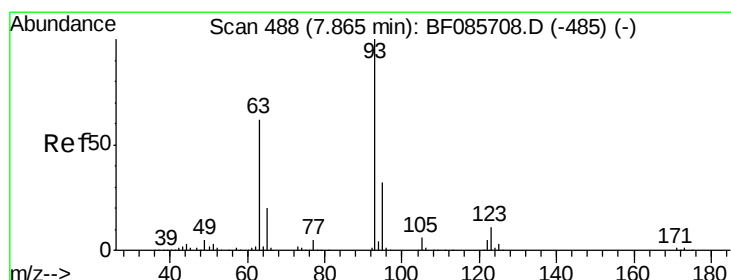
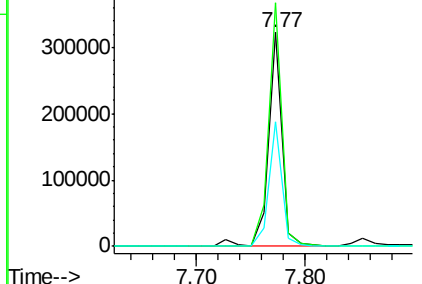
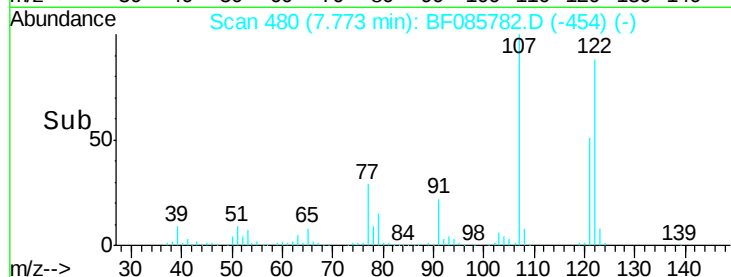
Sohil
3/28/2016 8:00:57 PM



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.92 ng

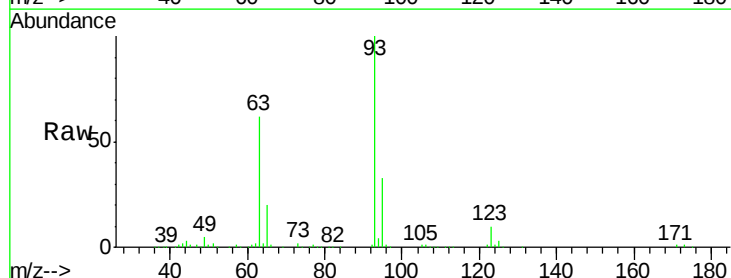
RT: 7.86 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

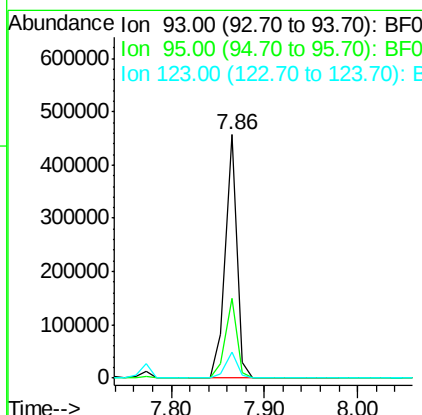
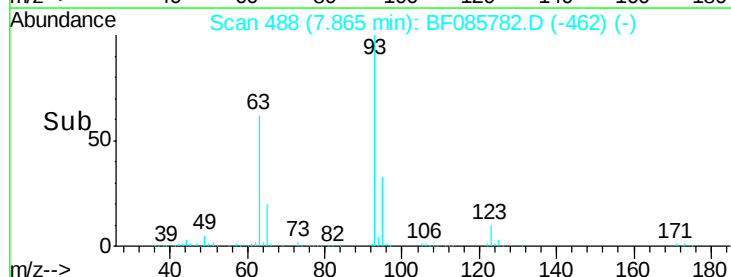
Tgt Ion:	93	Resp:	394635
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.4	39.6
123	10.5	9.8	14.6

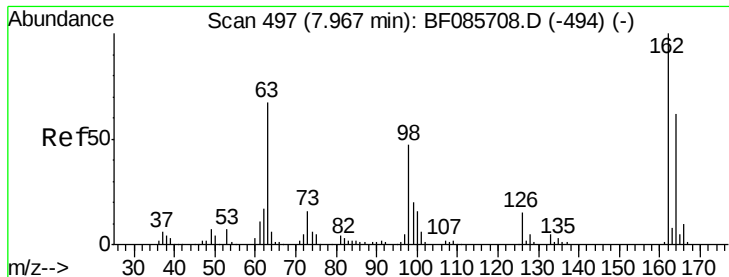


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





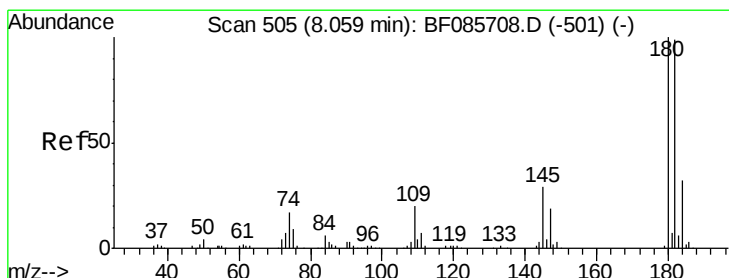
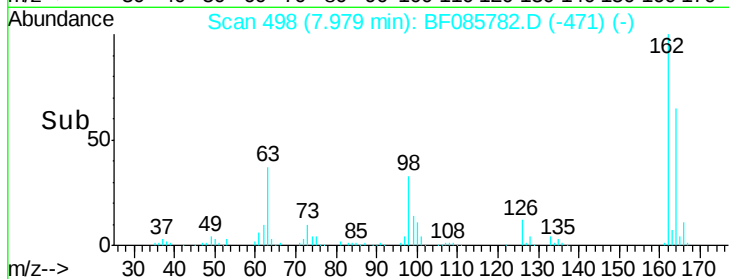
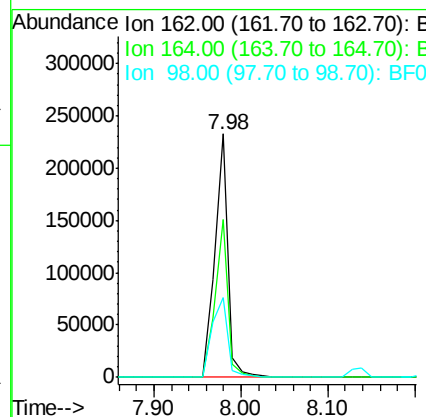
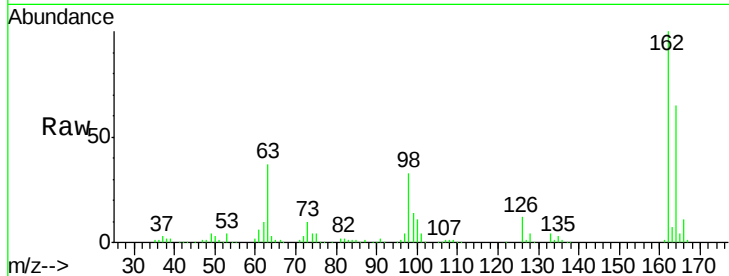
#29
 2,4-Dichlorophenol
 Concen: 44.25 ng
 RT: 7.98 min Scan# 498
 Delta R.T. 0.01 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Instrument :
 BNA_F
 ClientSampleId :
 13MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	246448		
164	64.9	43.7	83.7	
98	32.6	20.4	60.4	

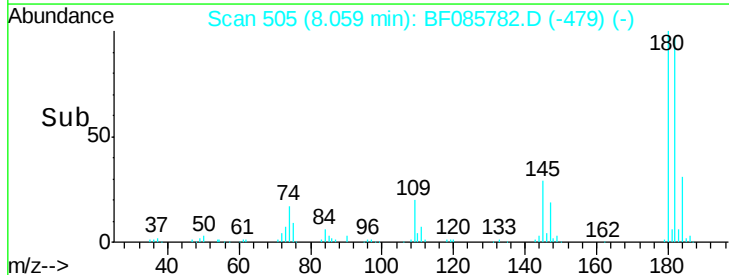
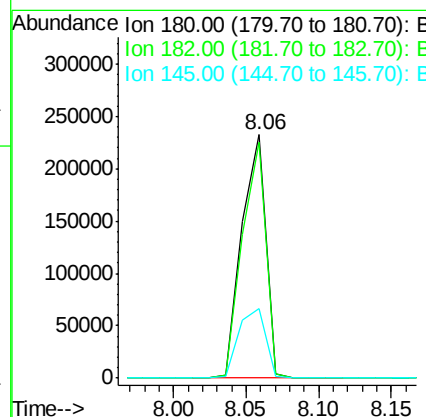
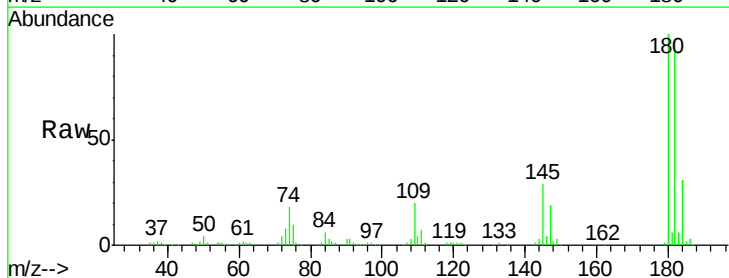
Manual Integrations
 APPROVED

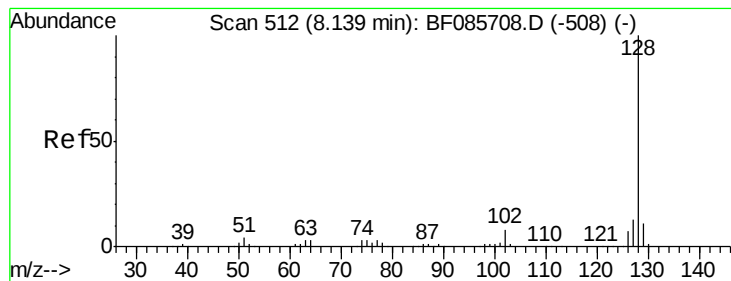
Sohil
 3/28/2016 8:00:57 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.32 ng
 RT: 8.06 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	267872		
182	96.7	73.8	110.8	
145	28.6	28.4	42.6	





#31

Naphthalene

Concen: 42.65 ng

RT: 8.14 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

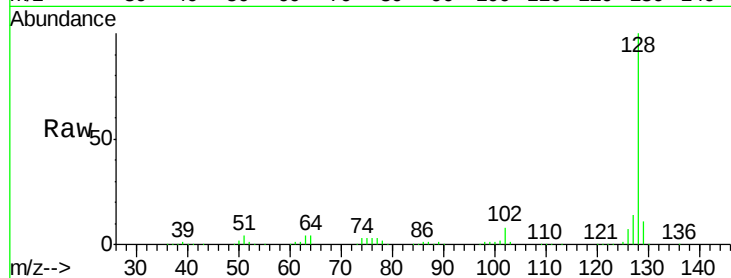
ClientSampleId :

13MS

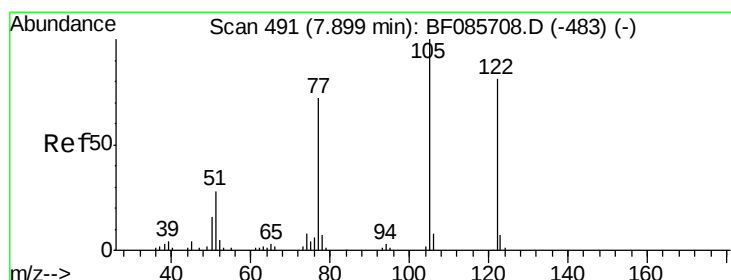
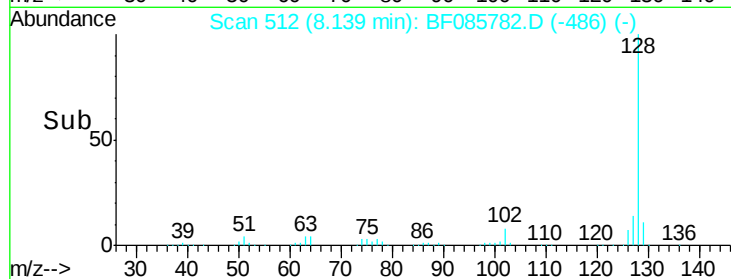
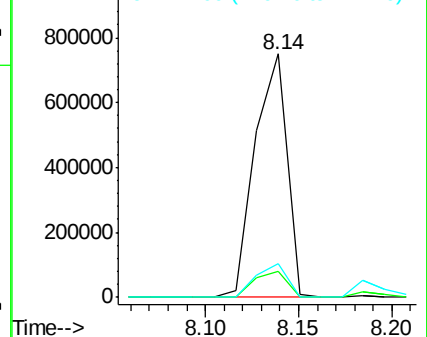
Tot Ion:	128	Resp:	889500
Ion Ratio		Lower	Upper
128	100		
129	10.8	9.4	14.0
127	13.7	11.0	16.6

Manual Integrations
APPROVED

Sohil
3/28/2016 8:00:57 PM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 5.25 ng m

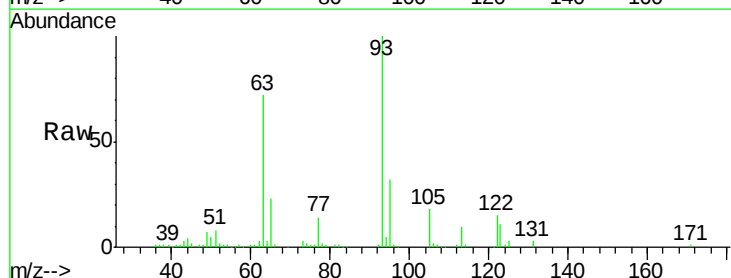
RT: 7.85 min Scan# 487

Delta R.T. -0.05 min

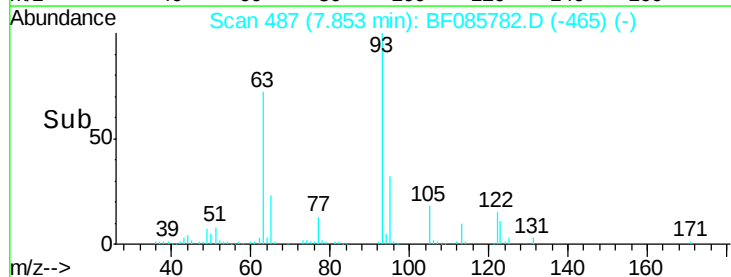
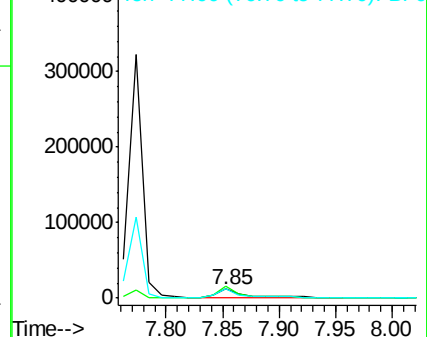
Lab File: BF085782.D

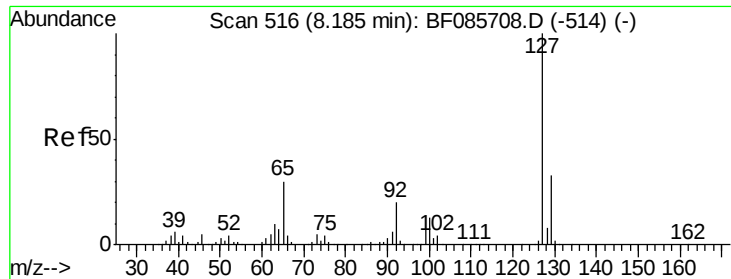
Acq: 26 Mar 2016 1:04

Tgt Ion:	122	Resp:	23093
Ion Ratio		Lower	Upper
122	100		
105	125.3	102.9	142.9
77	95.9	71.8	111.8



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





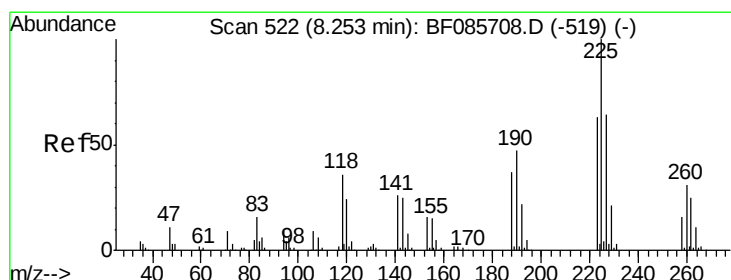
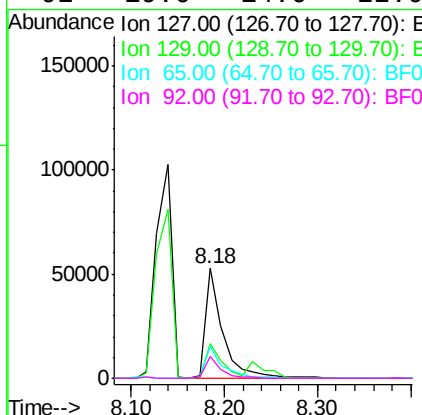
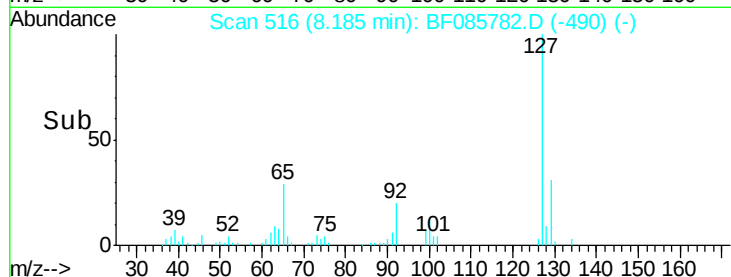
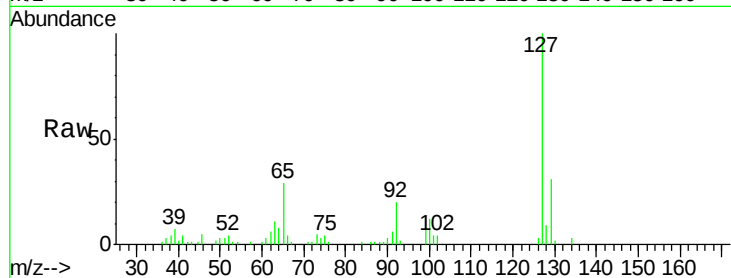
#33
4-Chloroaniline
Concen: 8.10 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Instrument :
BNA_F
ClientSampled :
13MS

Tot Ion:	127	Resp:	69007
Ion Ratio	Lower	Upper	
127	100		
129	31.2	26.1	39.1
65	29.5	19.5	29.3
92	19.6	14.6	22.0

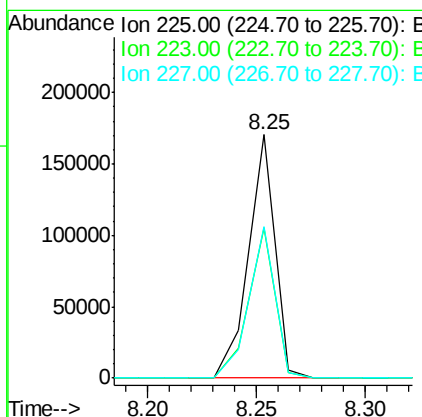
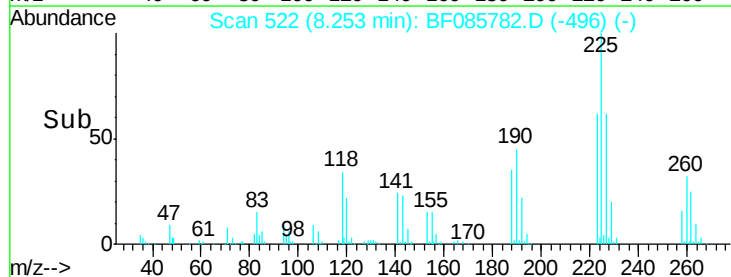
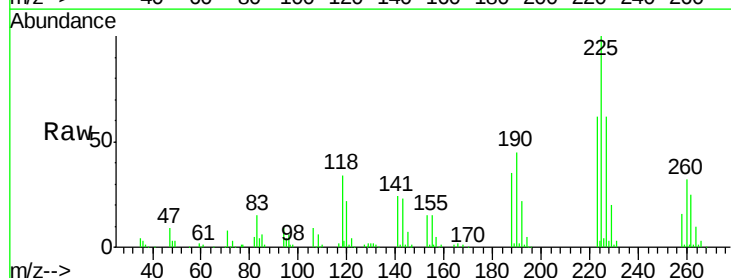
Manual Integrations
APPROVED

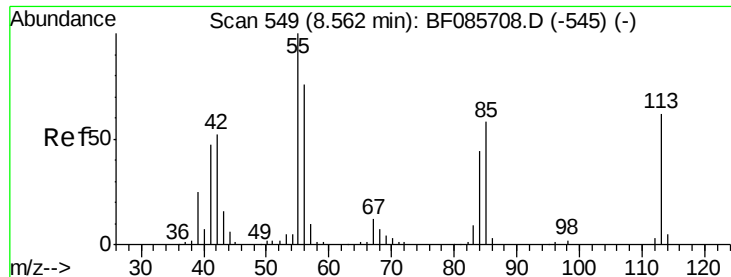
Sohil
3/28/2016 8:00:57 PM



#34
Hexachlorobutadiene
Concen: 42.80 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Tgt Ion:	225	Resp:	143841
Ion Ratio	Lower	Upper	
225	100		
223	61.6	50.4	75.6
227	62.5	51.4	77.2





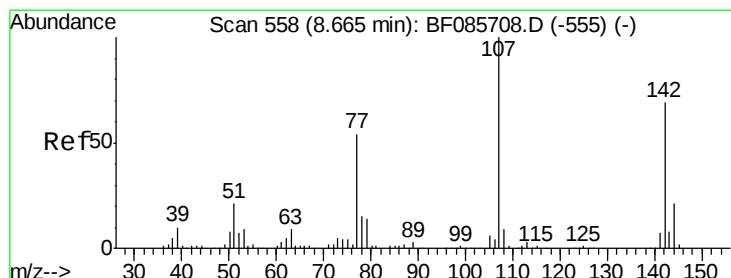
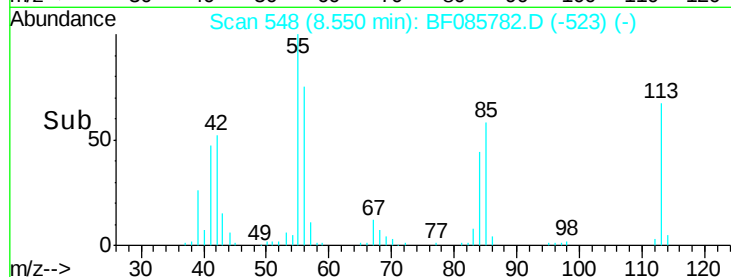
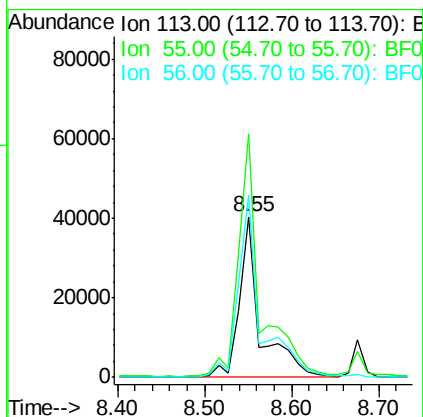
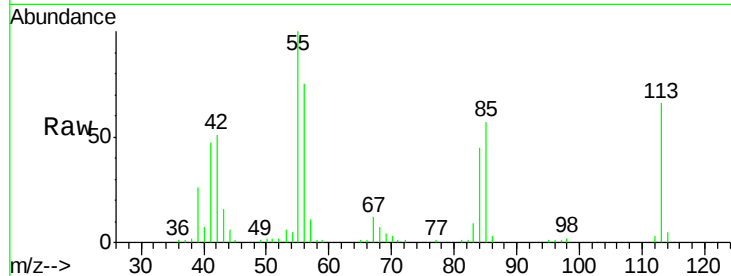
#35
 Caprolactam
 Concen: 34.10 ng
 RT: 8.55 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Instrument :
 BNA_F
 ClientSampled :
 13MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	151.2	139.4	179.4
56	113.0	100.4	140.4

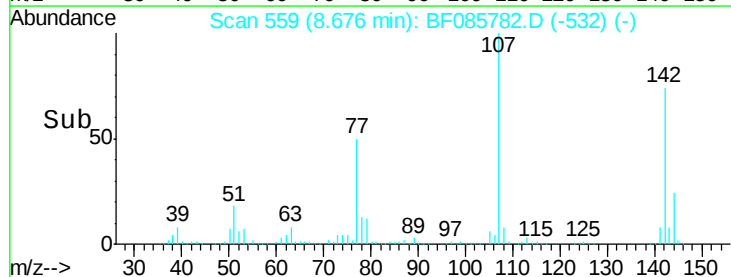
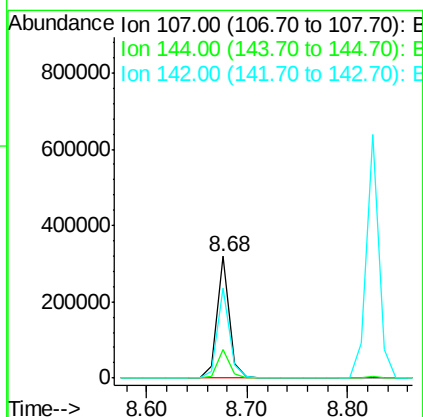
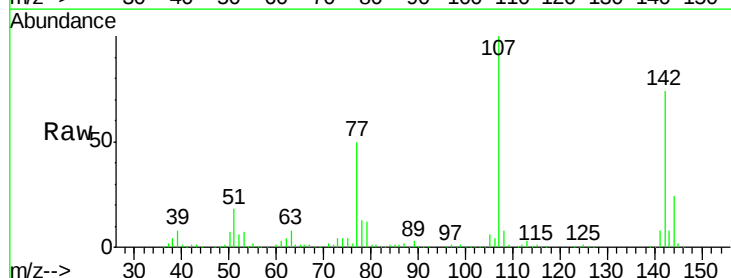
Manual Integrations
 APPROVED

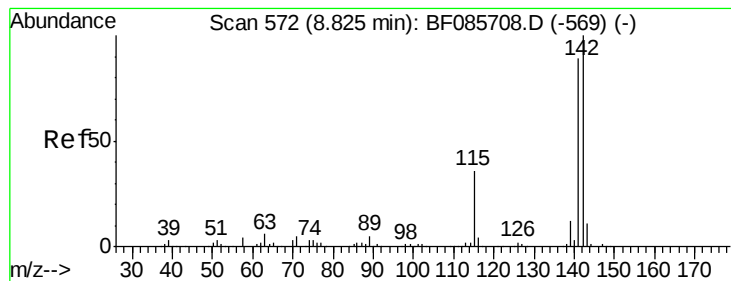
Sohil
 3/28/2016 8:00:57 PM



#36
 4-Chloro-3-methylphenol
 Concen: 41.95 ng
 RT: 8.68 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.9	19.3	28.9
142	74.3	61.4	92.0





#37

2-Methylnaphthalene

Concen: 46.00 ng

RT: 8.82 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

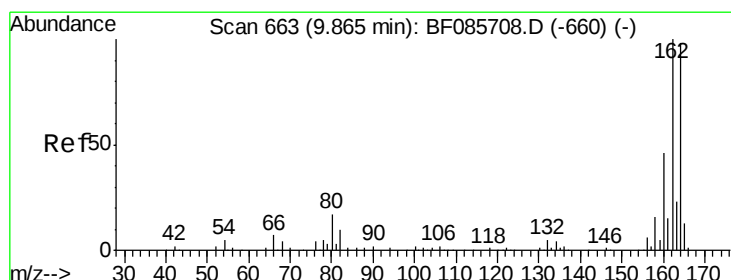
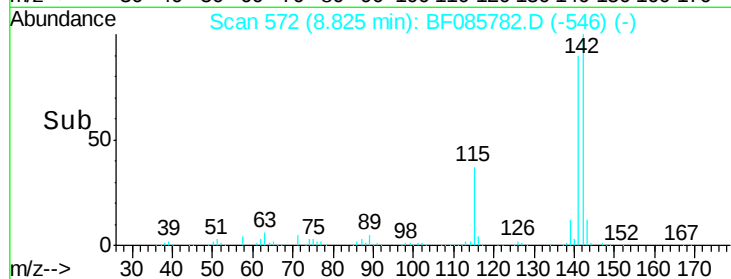
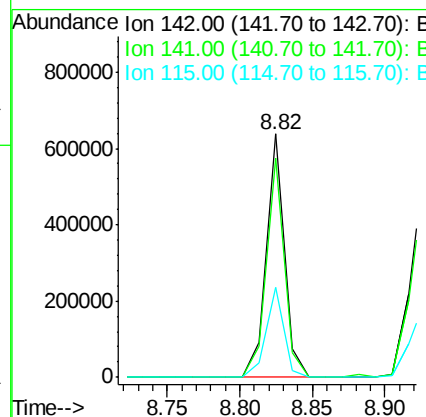
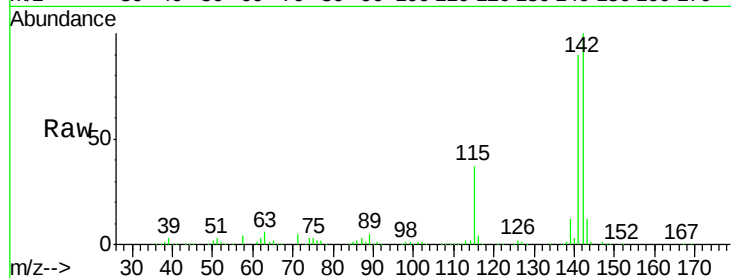
ClientSampleId :

13MS

Tot Ion:	142	Resp:	556326
Ion Ratio	Lower	Upper	
142	100		
141	90.0	71.6	107.4
115	36.9	26.8	40.2

Manual Integrations
APPROVED

Sohil
3/28/2016 8:00:57 PM



#38

Acenaphthene-d10

Concen: 20.00 ng

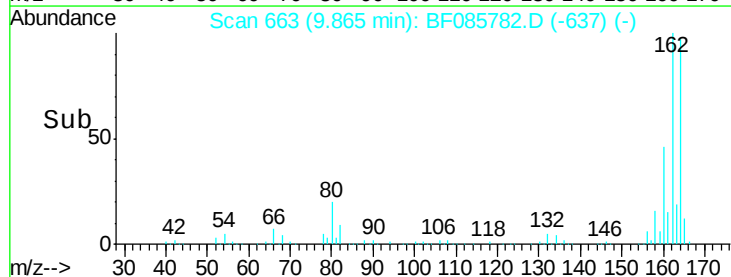
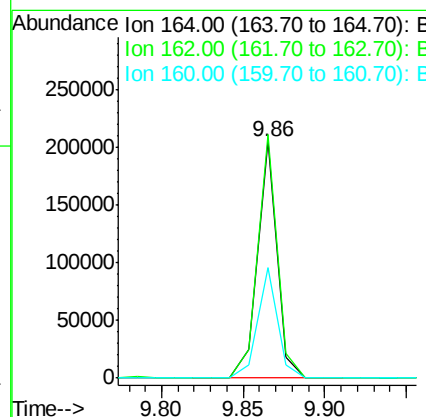
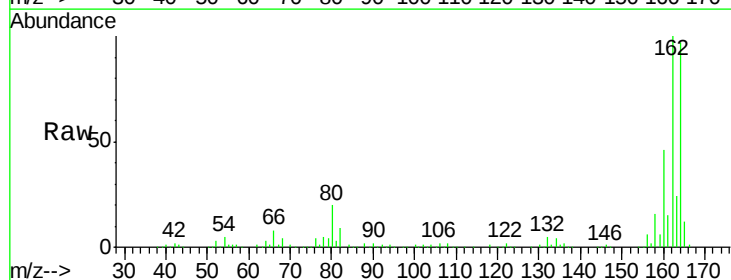
RT: 9.86 min Scan# 663

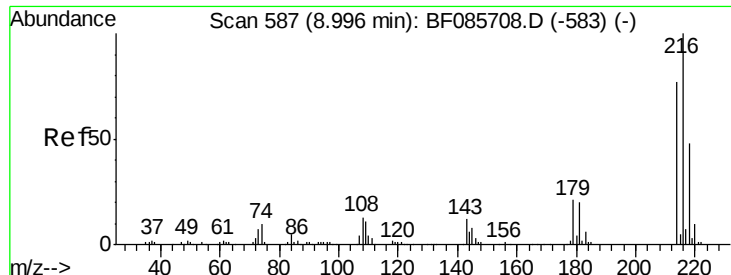
Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Tgt Ion:	164	Resp:	171109
Ion Ratio	Lower	Upper	
164	100		
162	102.7	82.1	123.1
160	46.9	37.4	56.2





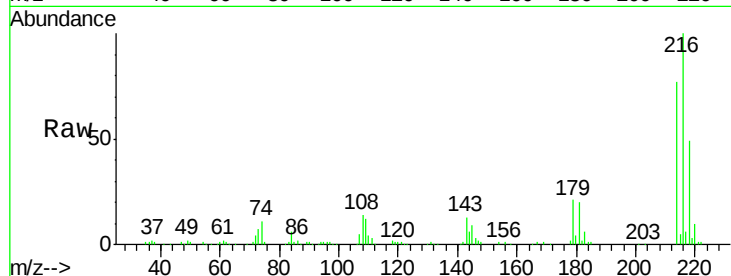
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.45 ng
 RT: 9.00 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Instrument :
 BNA_F
 ClientSampleId :
 13MS

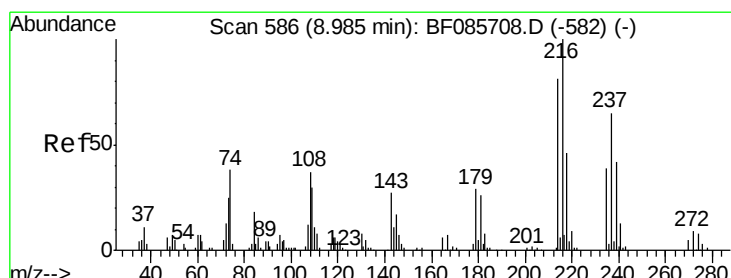
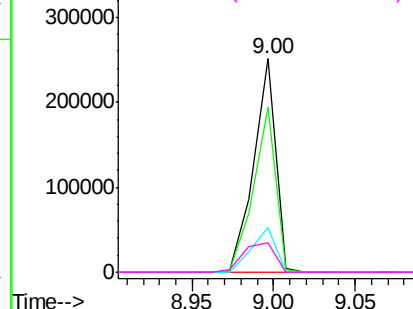
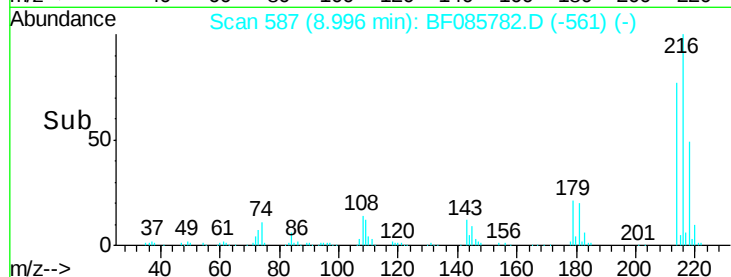
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.3	63.1	94.7
179	22.8	18.2	27.2
108	19.8	17.3	25.9

Manual Integrations
 APPROVED

Sohil
 3/28/2016 8:00:57 PM

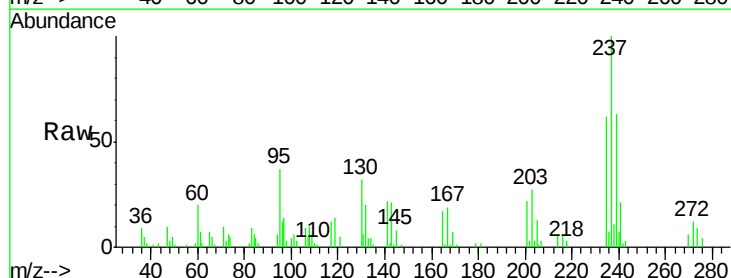


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

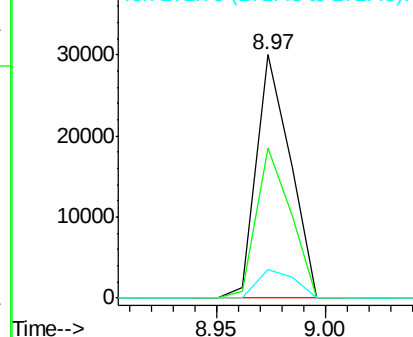
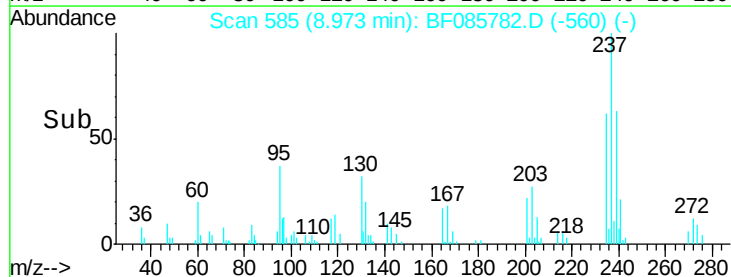


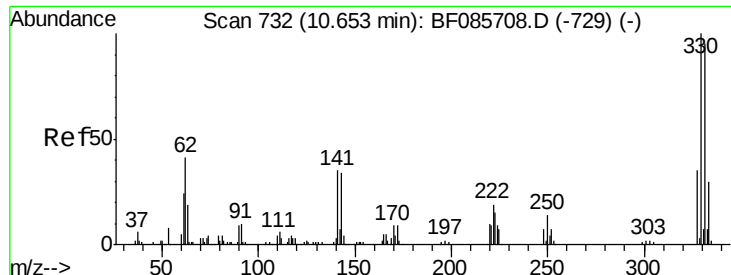
#40
 Hexachlorocyclopentadiene
 Concen: 22.81 ng
 RT: 8.97 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.9	43.7	83.7
272	11.9	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





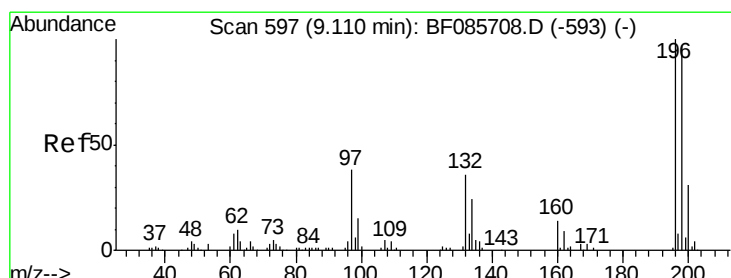
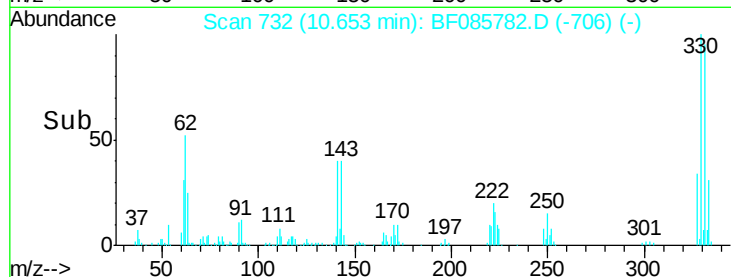
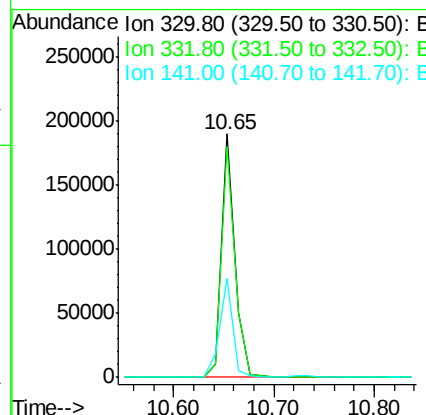
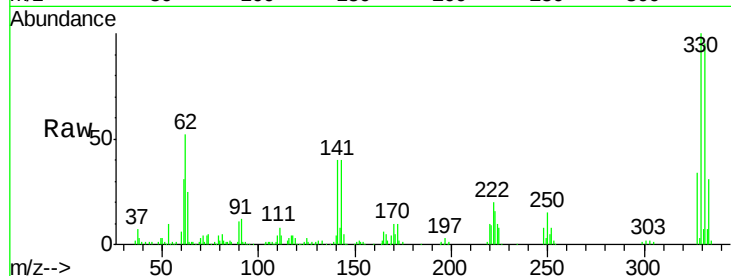
#41
 2,4,6-Tribromophenol
 Concen: 108.55 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Instrument :
 BNA_F
 ClientSampled :
 13MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	176480		
332	95.7	78.2	117.2	
141	40.2	31.5	47.3	

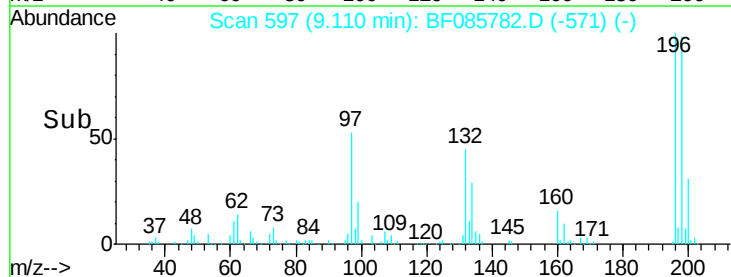
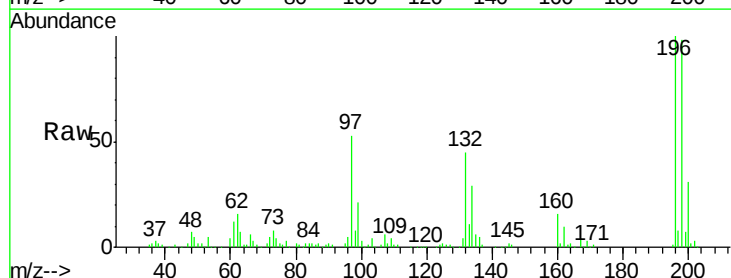
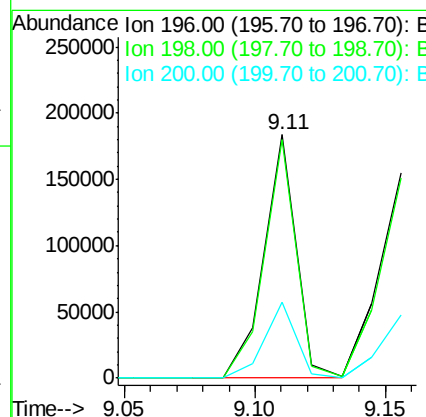
Manual Integrations
 APPROVED

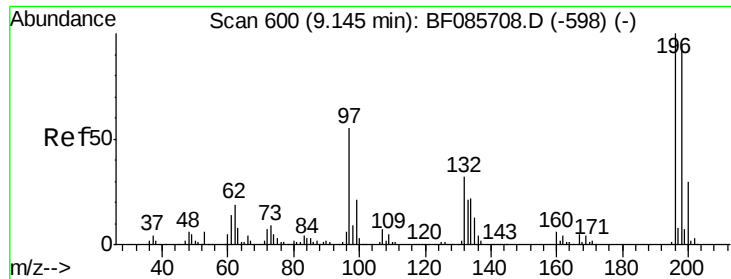
Sohil
 3/28/2016 8:00:57 PM



#42
 2,4,6-Trichlorophenol
 Concen: 46.67 ng
 RT: 9.11 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	159955		
198	97.9	75.3	112.9	
200	31.2	23.7	35.5	





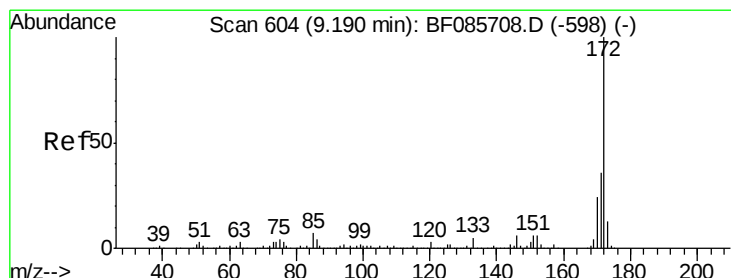
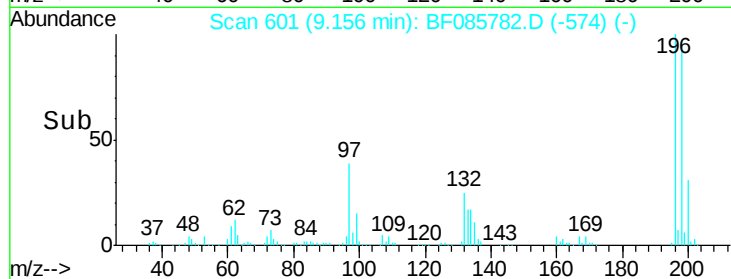
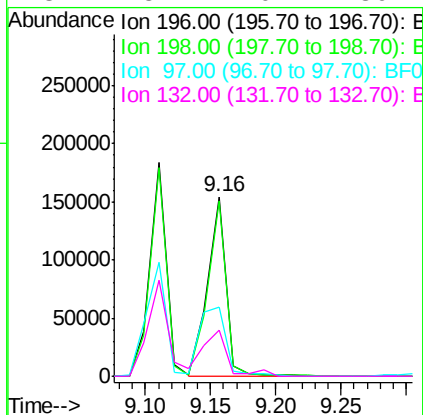
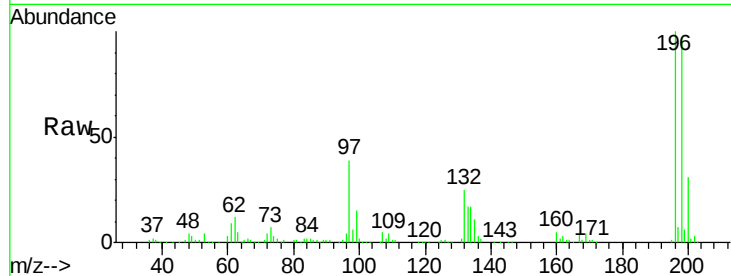
#43
2,4,5-Trichlorophenol
Concen: 43.08 ng
RT: 9.16 min Scan# 601
Delta R.T. 0.01 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Instrument :
BNA_F
ClientSampled :
13MS

Tot Ion:	196	Resp:	154819
Ion Ratio	Lower	Upper	
196	100		
198	97.4	76.6	114.8
97	38.8	30.5	45.7
132	25.4	20.2	30.2

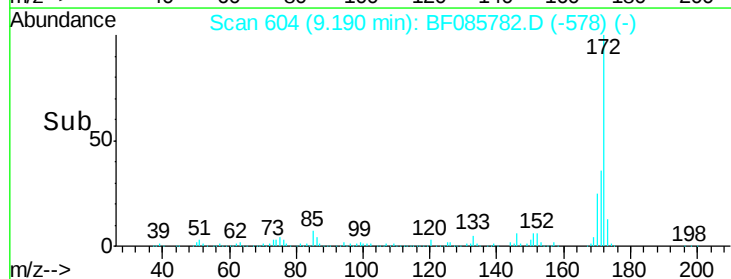
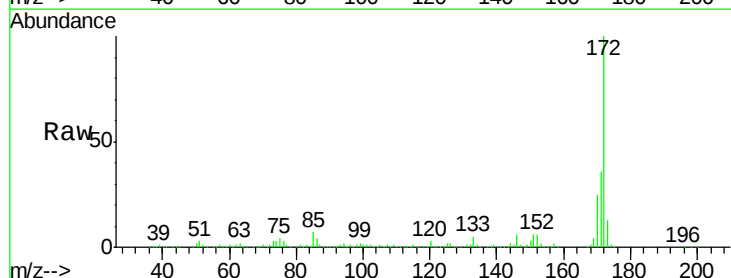
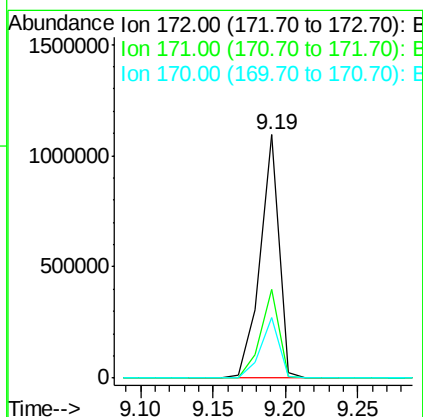
Manual Integrations
APPROVED

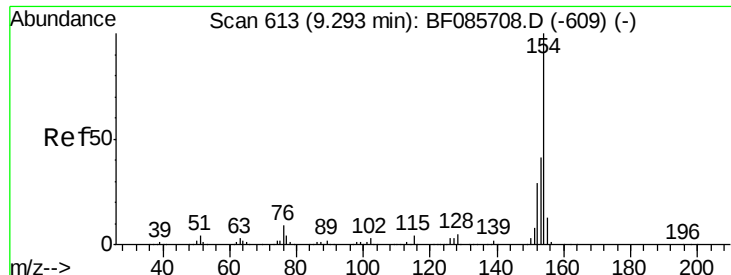
Sohil
3/28/2016 8:00:57 PM



#44
2-Fluorobiphenyl
Concen: 96.53 ng
RT: 9.19 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Tgt Ion:	172	Resp:	988604
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.4	44.2
170	24.8	19.8	29.6





#45

1,1'-Biphenyl

Concen: 46.58 ng

RT: 9.29 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

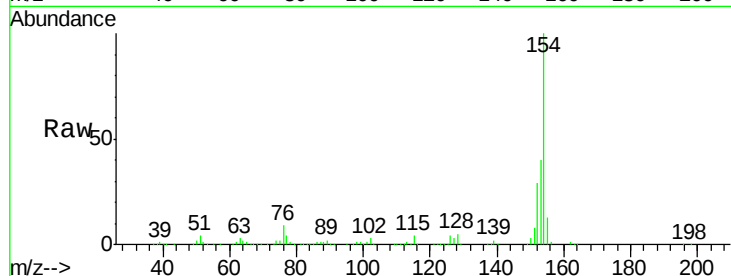
ClientSampled :

13MS

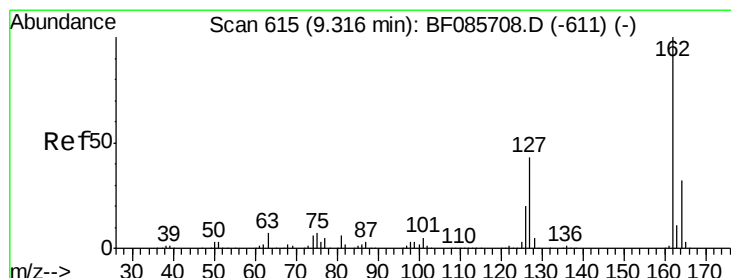
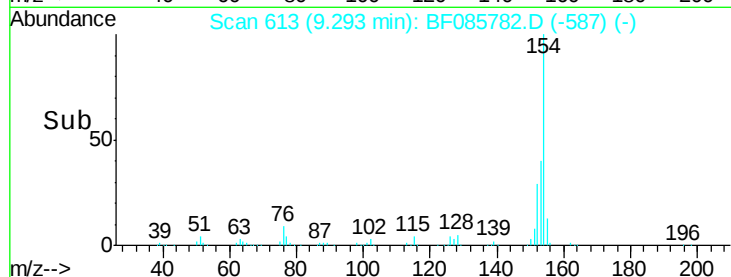
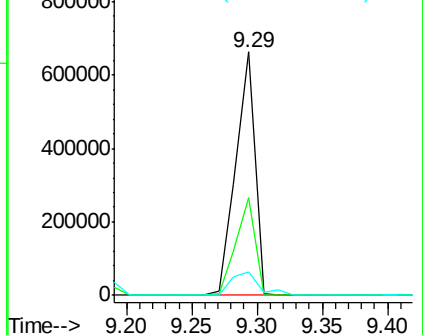
Tot Ion:	154	Resp:	672601
Ion Ratio	Lower	Upper	
154	100		
153	40.2	20.8	60.8
76	9.4	0.0	36.7

Manual Integrations
APPROVED

Sohil
3/28/2016 8:00:57 PM



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



#46

2-Chloronaphthalene

Concen: 47.27 ng

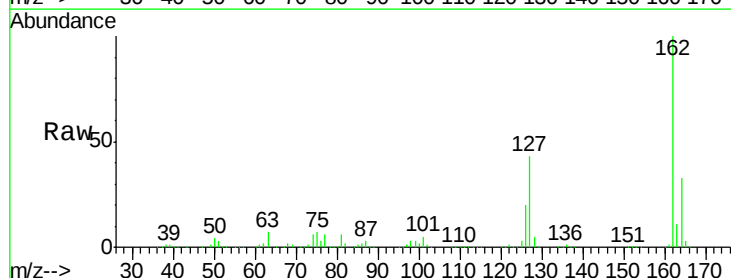
RT: 9.32 min Scan# 615

Delta R.T. 0.00 min

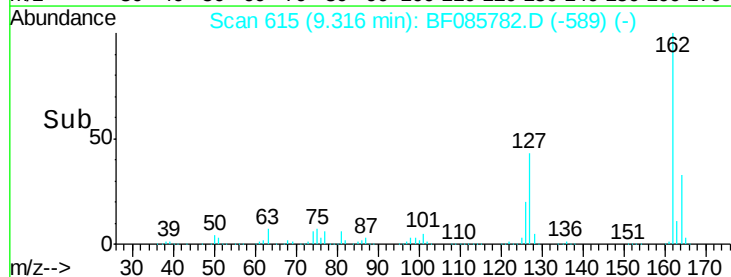
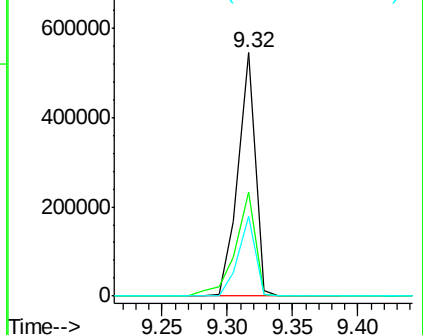
Lab File: BF085782.D

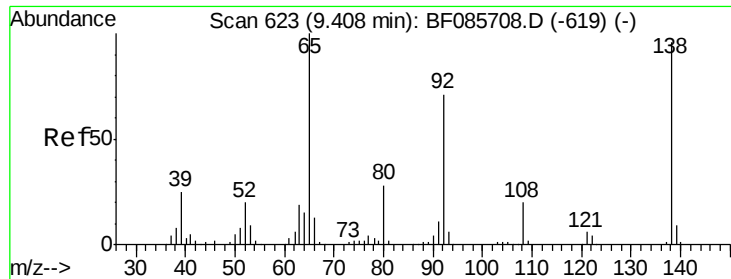
Acq: 26 Mar 2016 1:04

Tgt Ion:	162	Resp:	501819
Ion Ratio	Lower	Upper	
162	100		
127	42.6	31.7	47.5
164	32.9	27.3	40.9



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





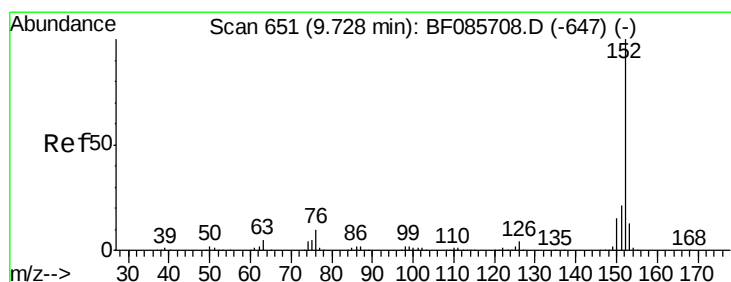
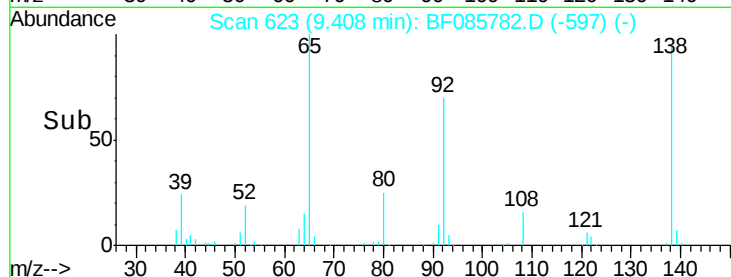
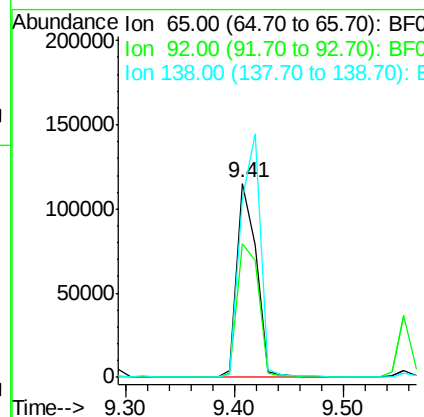
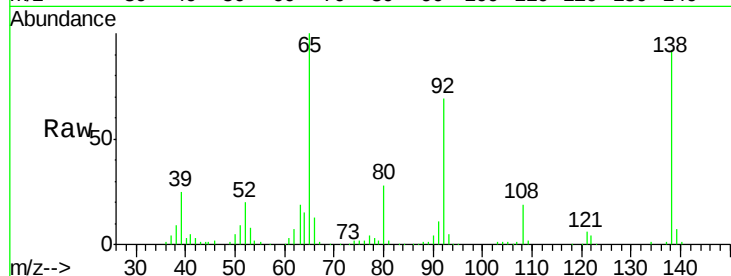
#47
2-Nitroaniline
Concen: 43.45 ng
RT: 9.41 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Instrument :
BNA_F
ClientSampled :
13MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.7	59.7	89.5
138	92.3	91.4	137.0

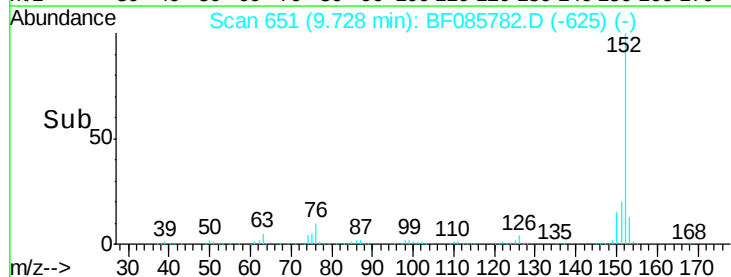
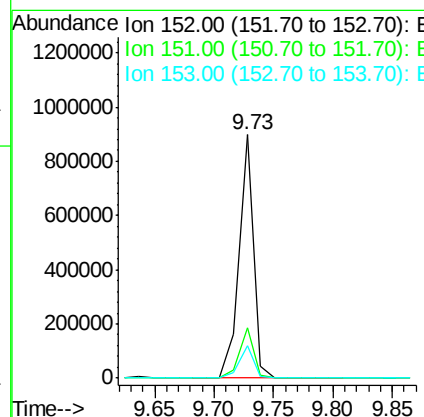
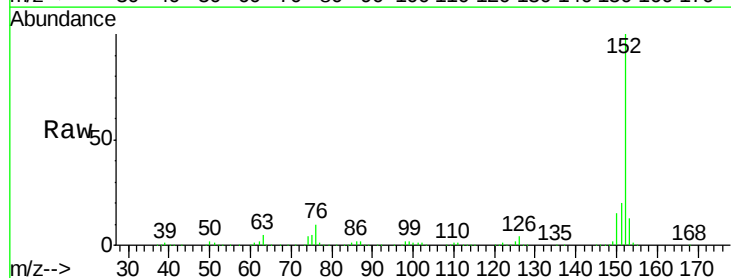
Manual Integrations
APPROVED

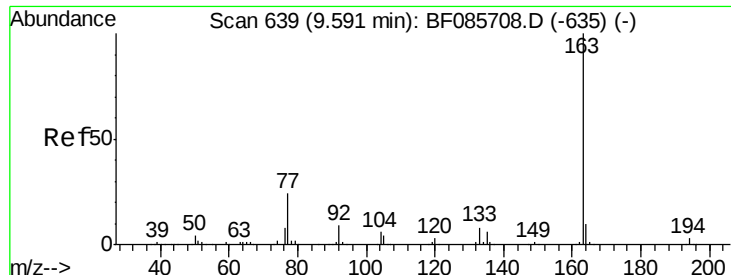
Sohil
3/28/2016 8:00:57 PM



#48
Acenaphthylene
Concen: 44.07 ng
RT: 9.73 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.3	10.9	16.3





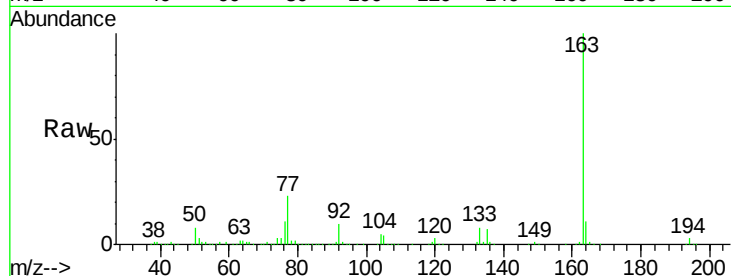
#49
Dimethylphthalate
Concen: 59.59 ng
RT: 9.59 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Instrument :
BNA_F
ClientSampled :
13MS

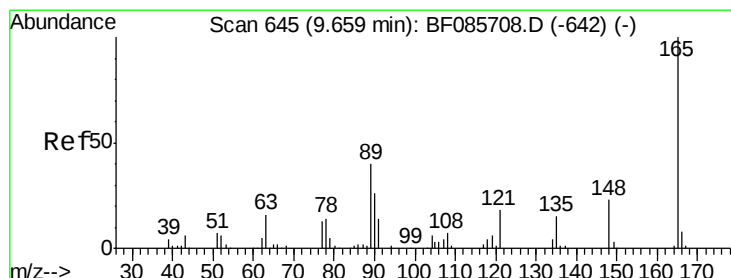
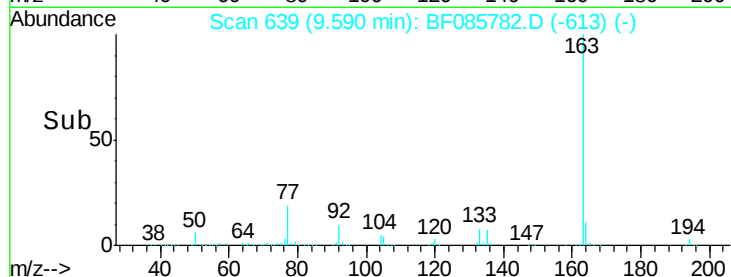
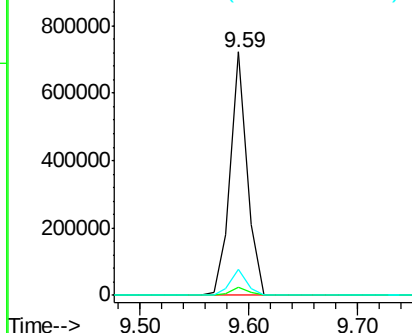
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.4	2.9	4.3
164	10.8	8.3	12.5

Manual Integrations
APPROVED

Sohil
3/28/2016 8:00:57 PM

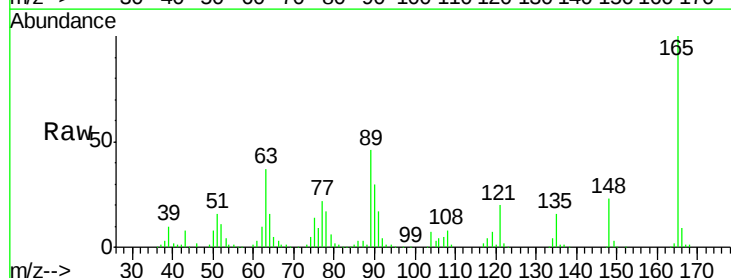


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

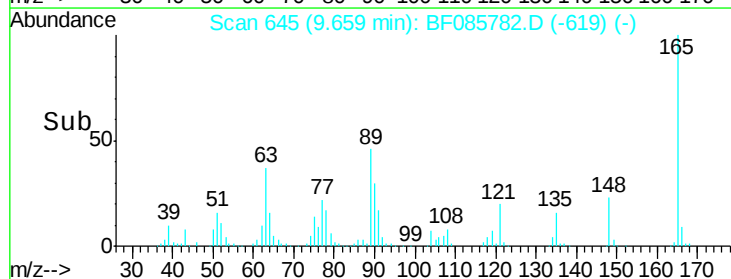
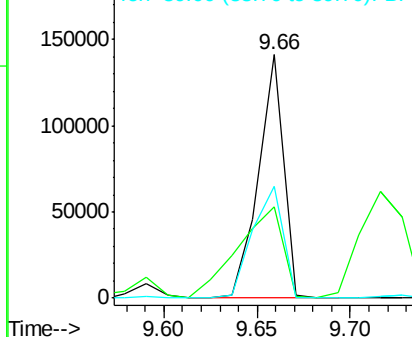


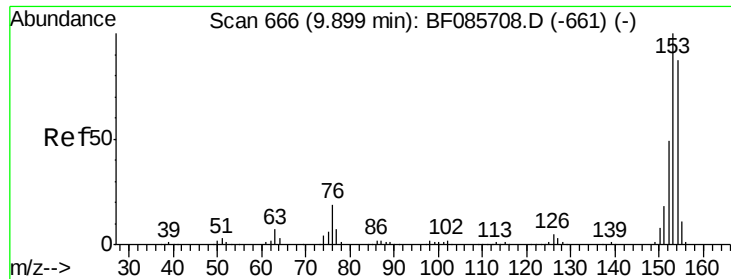
#50
2,6-Dinitrotoluene
Concen: 46.74 ng
RT: 9.66 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	37.4	51.8	77.8#
89	45.9	53.7	80.5#



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





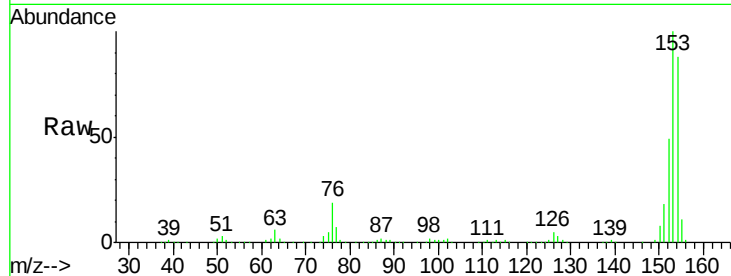
#51
Acenaphthene
Concen: 42.06 ng
RT: 9.90 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Instrument :
BNA_F
ClientSampled :
13MS

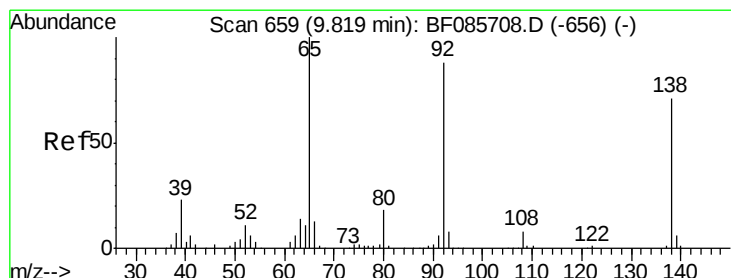
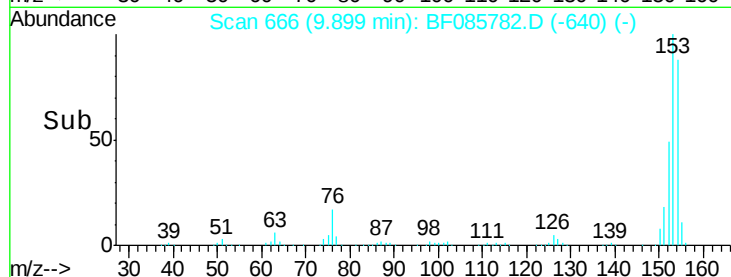
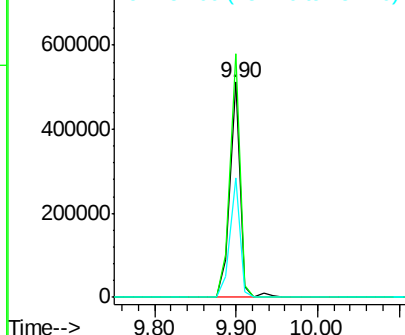
Tot Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.1	135.1
152	55.5	44.2	66.2

Manual Integrations
APPROVED

Sohil
3/28/2016 8:00:57 PM

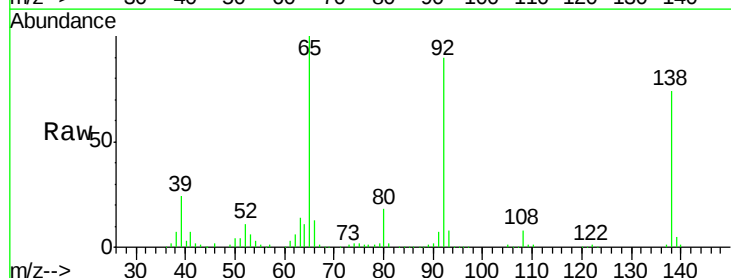


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

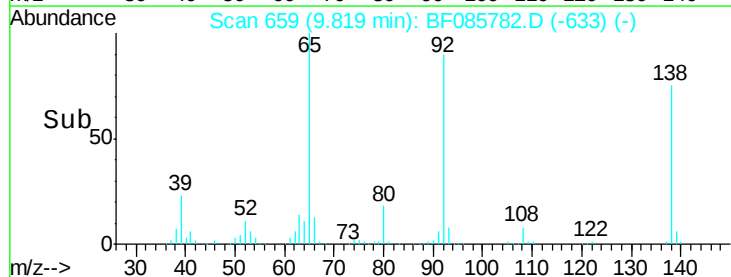
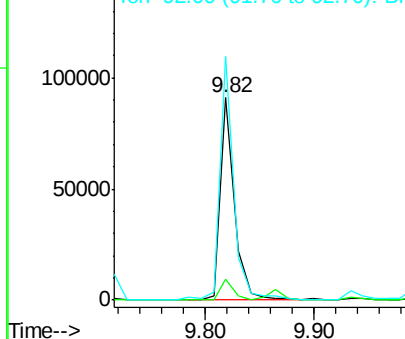


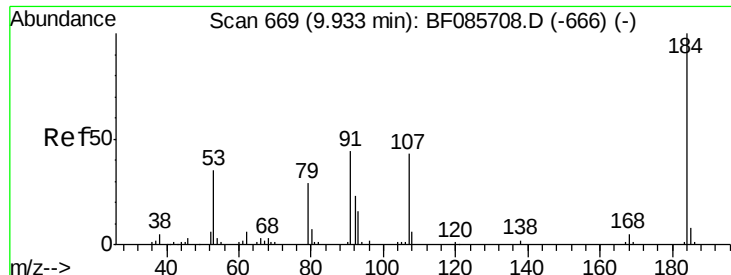
#52
3-Nitroaniline
Concen: 26.30 ng
RT: 9.82 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.7	13.1
92	120.3	93.3	139.9



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





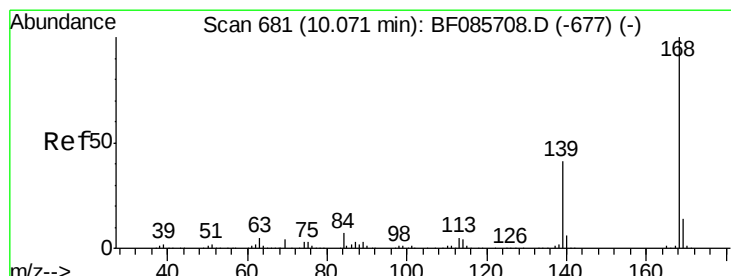
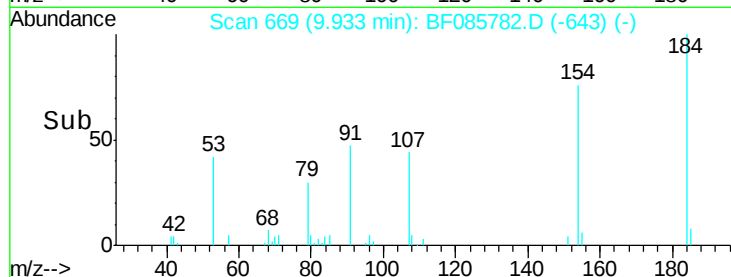
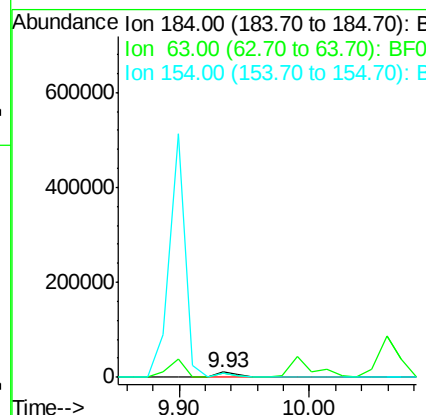
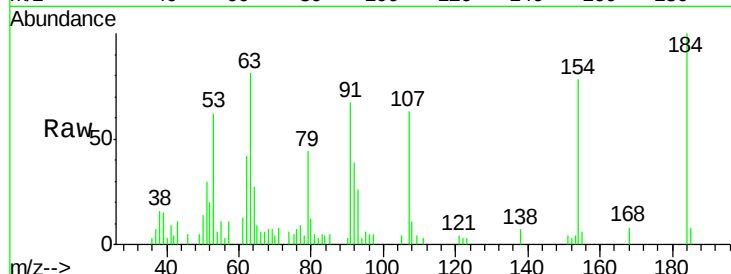
#53
 2,4-Dinitrophenol
 Concen: 16.79 ng
 RT: 9.93 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Instrument :
 BNA_F
 ClientSampled :
 13MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	16417		
63	80.6	69.5	104.3	
154	78.3	58.3	87.5	

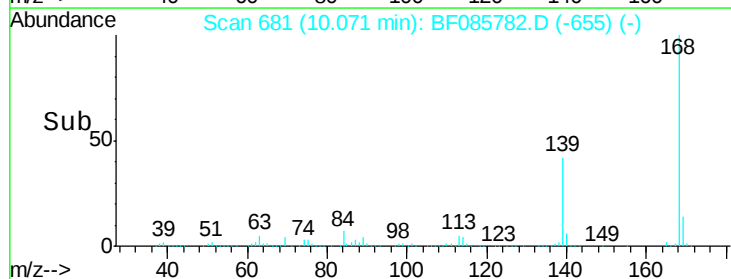
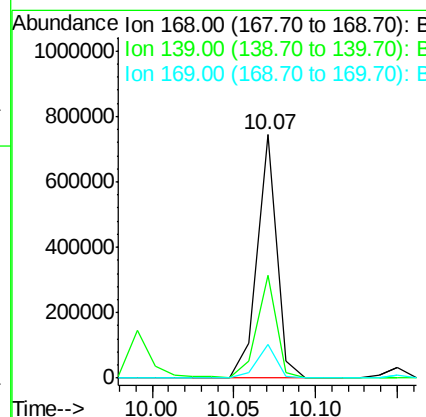
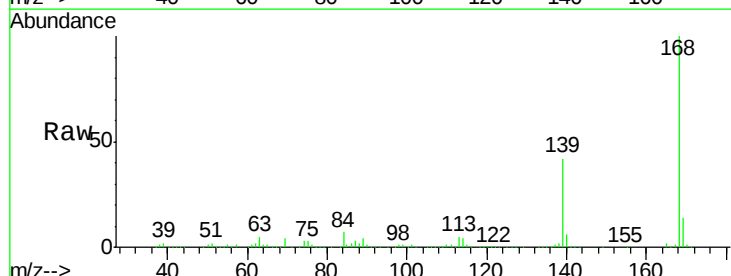
Manual Integrations
 APPROVED

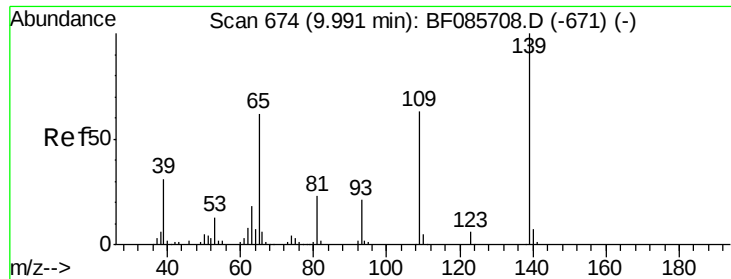
Sohil
 3/28/2016 8:00:57 PM



#54
 Dibenzofuran
 Concen: 45.54 ng
 RT: 10.07 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	622863		
139	42.3	31.9	47.9	
169	13.8	11.0	16.6	





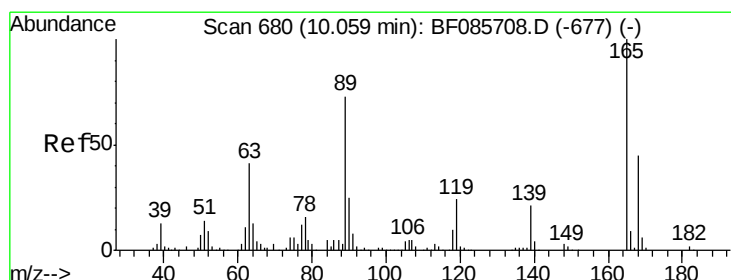
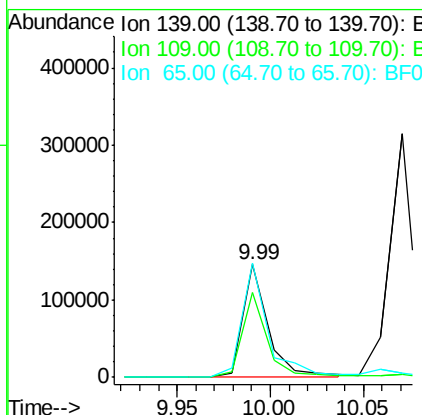
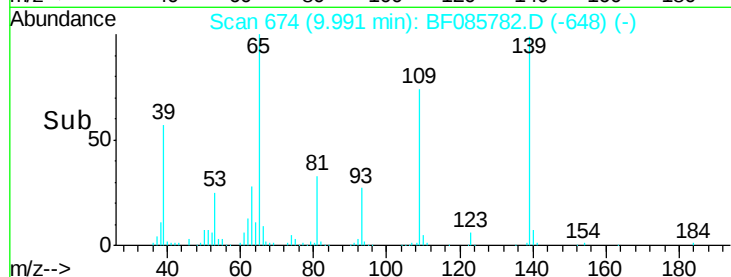
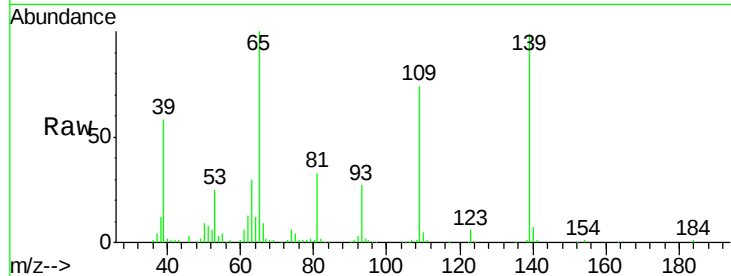
#55
4-Nitrophenol
Concen: 67.60 ng
RT: 9.99 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Instrument :
BNA_F
ClientSampled :
13MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	140852		
109	75.3	49.2	89.2	
65	101.2	66.9	106.9	

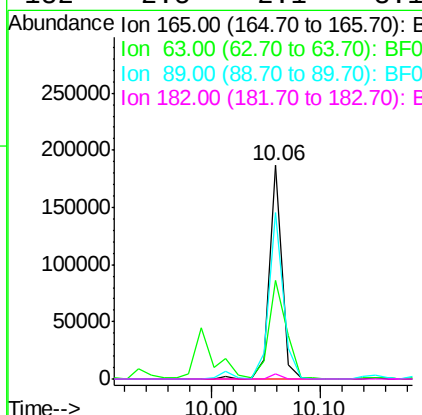
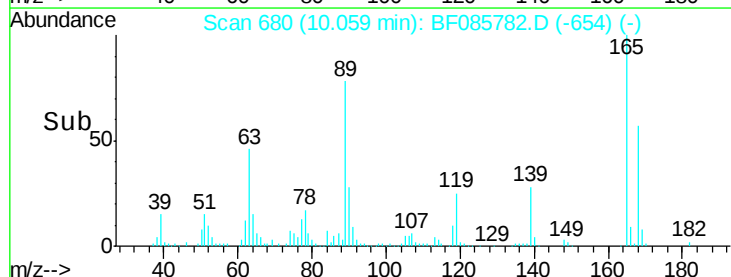
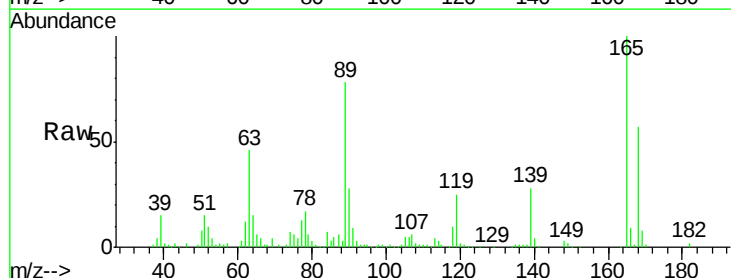
Manual Integrations
APPROVED

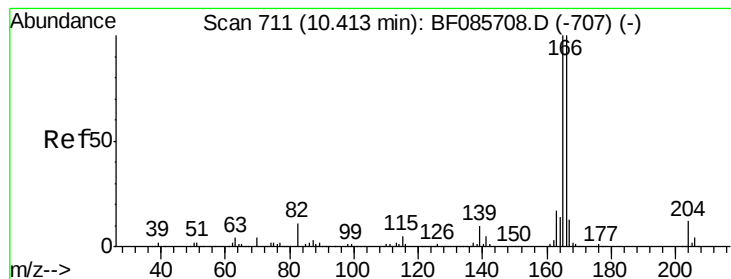
Sohil
3/28/2016 8:00:57 PM



#56
2,4-Dinitrotoluene
Concen: 42.25 ng
RT: 10.06 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	150042		
63	46.3	24.9	37.3#	
89	77.8	41.0	61.6#	
182	2.5	2.1	3.1	





#57

Fluorene

Concen: 42.66 ng

RT: 10.41 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

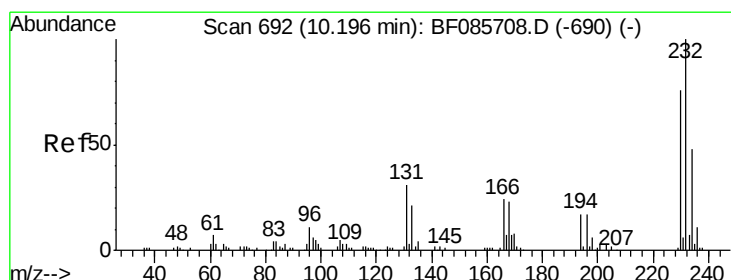
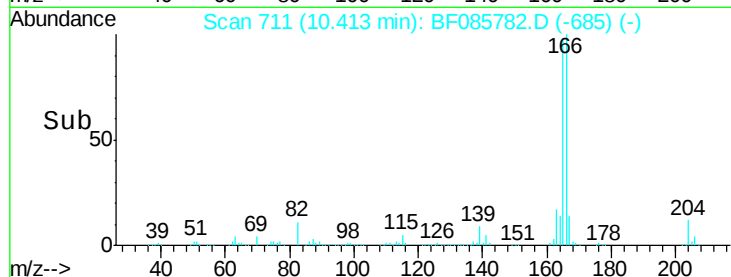
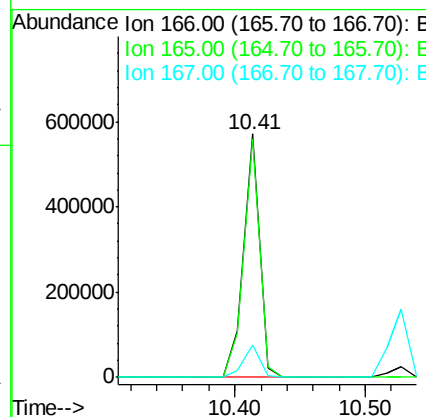
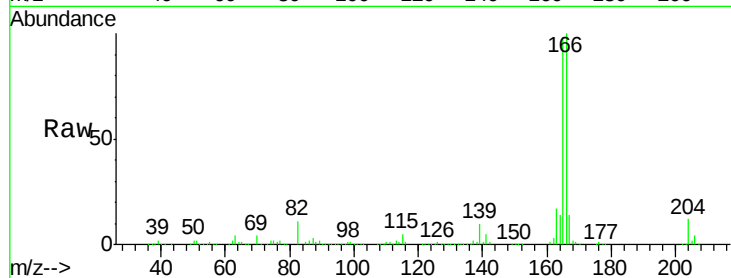
ClientSampleId :

13MS

Tot Ion:	166	Resp:	484984
Ion Ratio	Lower	Upper	
166	100		
165	98.0	79.4	119.0
167	13.5	11.0	16.4

Manual Integrations
APPROVED

Sohil
3/28/2016 8:00:57 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.62 ng

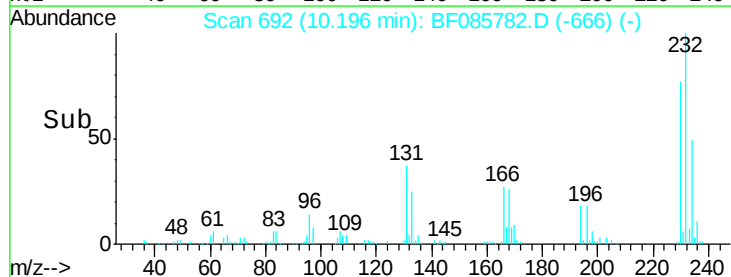
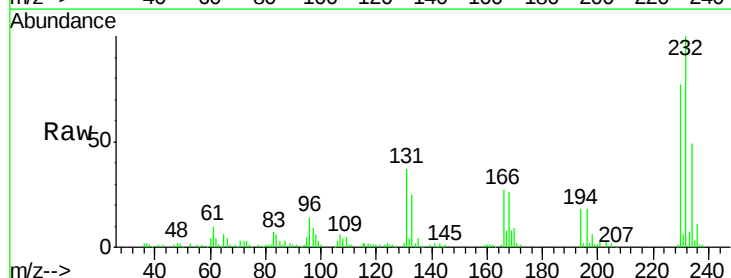
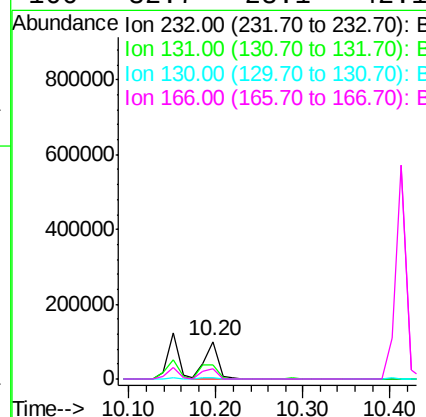
RT: 10.20 min Scan# 692

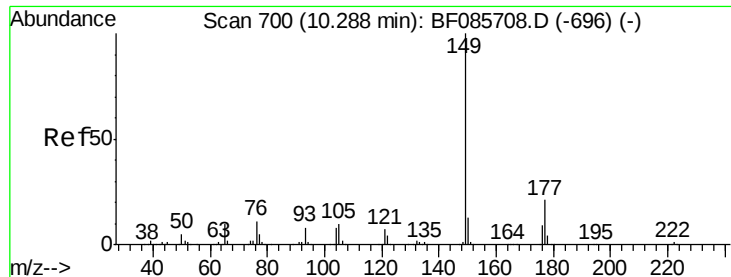
Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Tgt Ion:	232	Resp:	106454
Ion Ratio	Lower	Upper	
232	100		
131	52.3	44.9	67.3
130	2.6	2.3	3.5
166	32.7	28.1	42.1





#59

Diethylphthalate

Concen: 43.18 ng

RT: 10.29 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

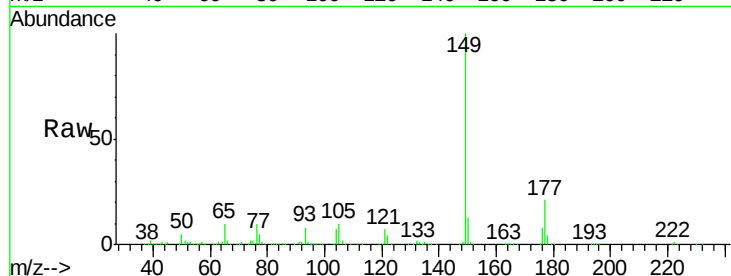
ClientSampleId :

13MS

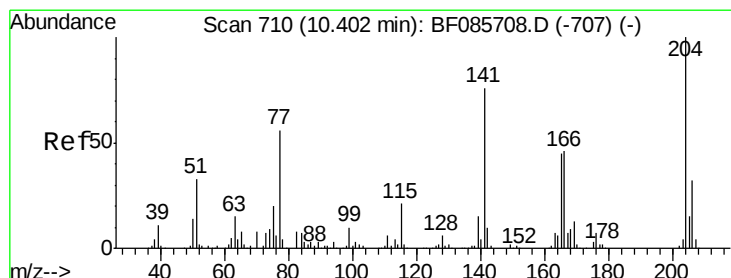
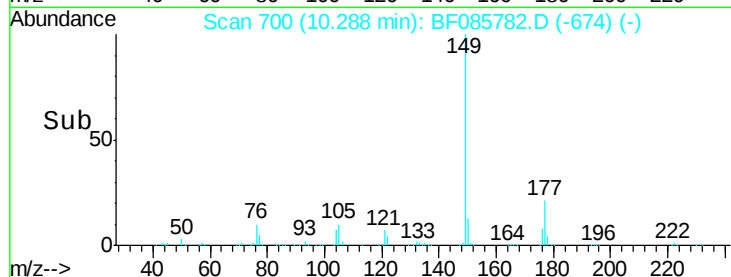
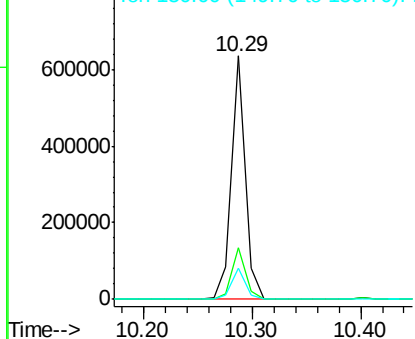
Tot Ion:	149	Resp:	553799
Ion Ratio	Lower	Upper	
149	100		
177	21.2	17.9	26.9
150	12.9	10.2	15.2

Manual Integrations
APPROVED

Sohil
3/28/2016 8:00:57 PM



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



#60

4-Chlorophenyl-phenylether

Concen: 37.77 ng

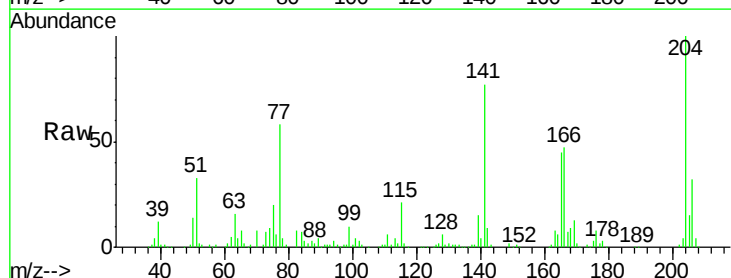
RT: 10.40 min Scan# 710

Delta R.T. -0.00 min

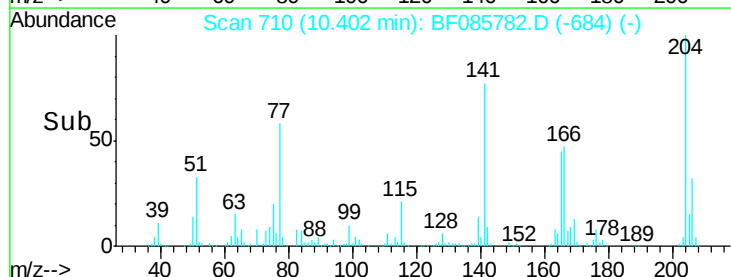
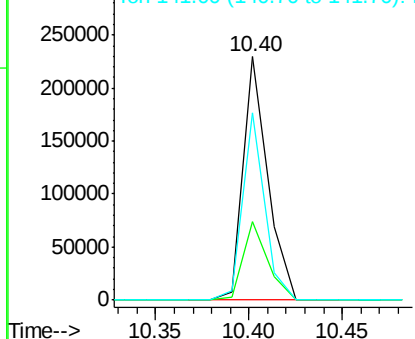
Lab File: BF085782.D

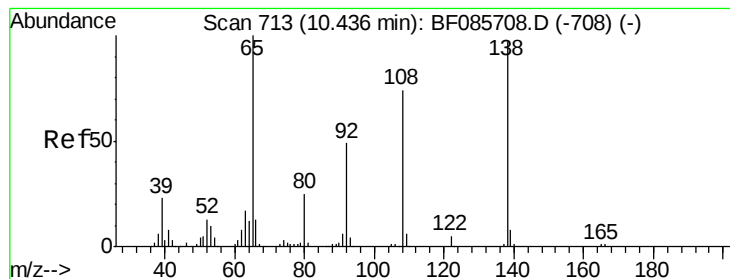
Acq: 26 Mar 2016 1:04

Tgt Ion:	204	Resp:	209928
Ion Ratio	Lower	Upper	
204	100		
206	32.4	26.6	39.8
141	77.1	57.4	86.0



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





#61

4-Nitroaniline

Concen: 39.42 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

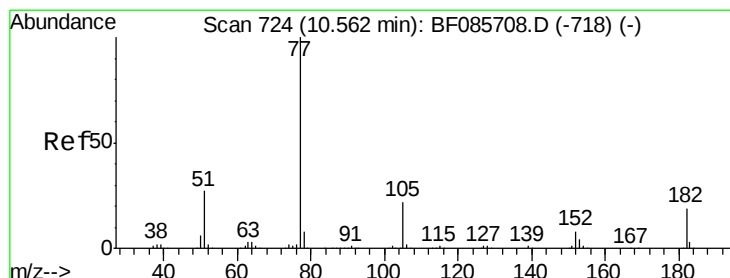
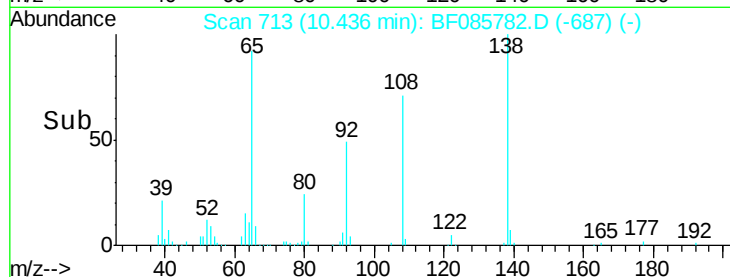
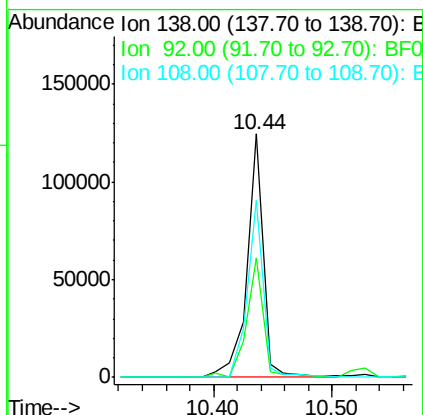
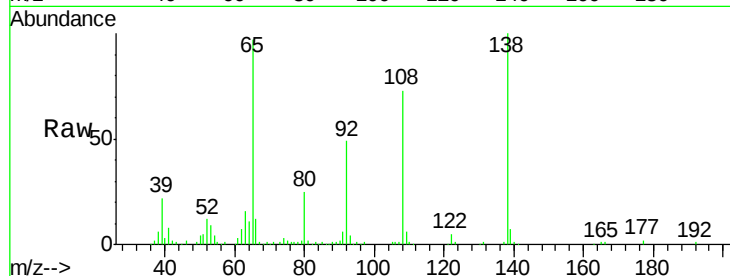
ClientSampleId :

13MS

Tot Ion:	138	Resp:	120597
Ion Ratio	Lower	Upper	
138	100		
92	48.8	26.4	66.4
108	72.5	49.0	89.0

Manual Integrations
APPROVED

Sohil
3/28/2016 8:00:57 PM



#62

Azobenzene

Concen: 44.47 ng

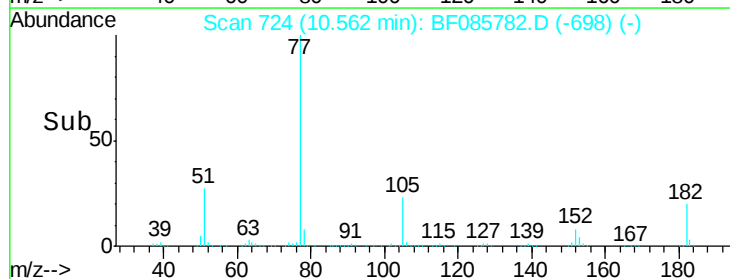
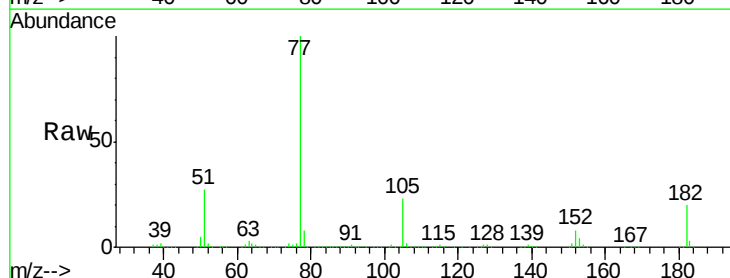
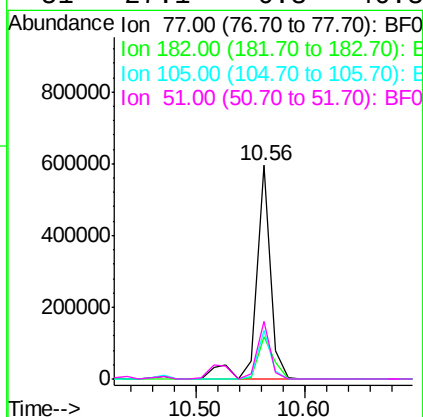
RT: 10.56 min Scan# 724

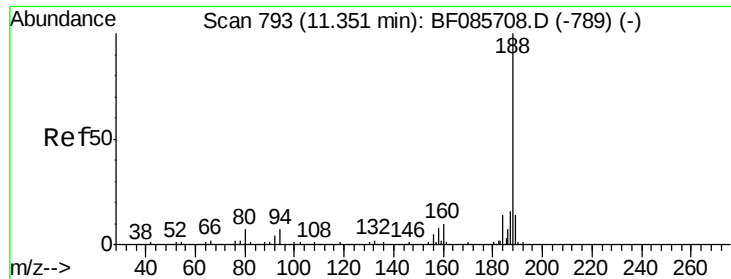
Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Tgt Ion:	77	Resp:	548121
Ion Ratio	Lower	Upper	
77	100		
182	19.8	1.9	41.9
105	22.8	3.5	43.5
51	27.1	6.3	46.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

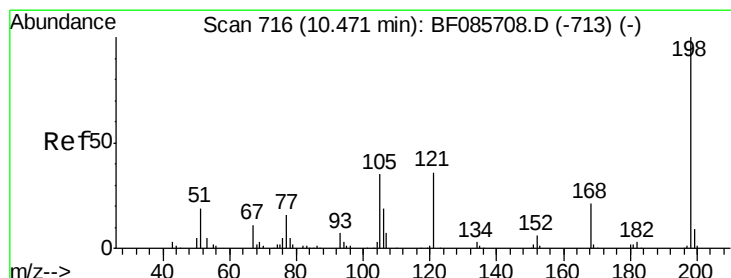
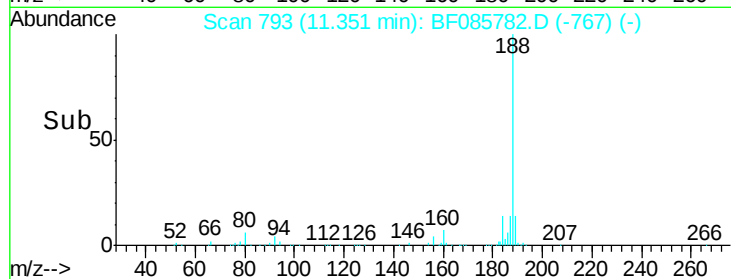
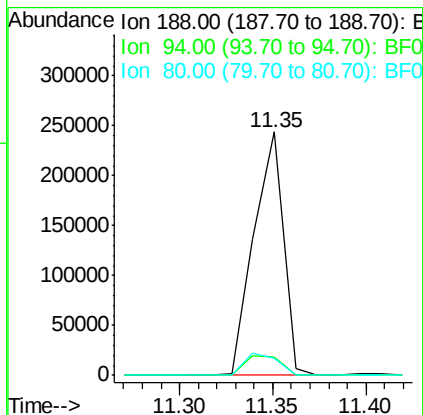
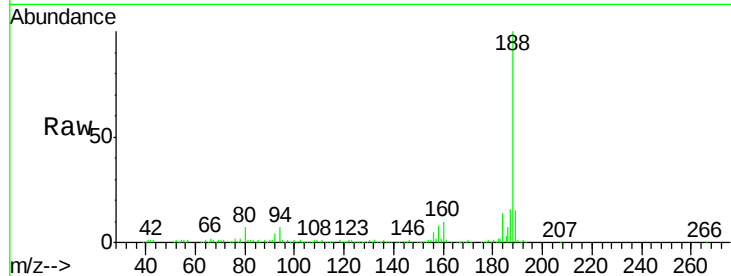
ClientSampleId :

13MS

Tot Ion:	188	Resp:	266322
Ion Ratio	Lower	Upper	
188	100		
94	7.3	5.4	8.0
80	7.1	5.5	8.3

Manual Integrations
APPROVED

Sohil
3/28/2016 8:00:57 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 14.34 ng

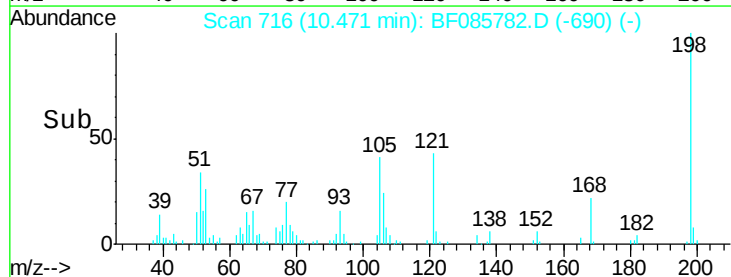
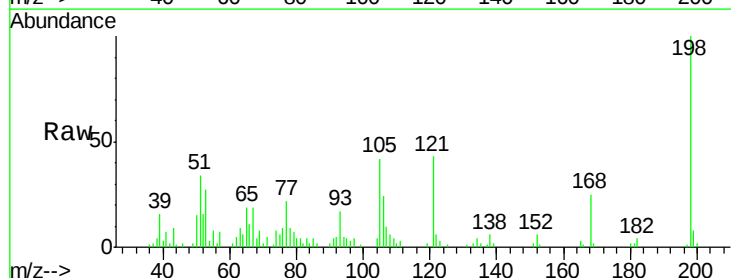
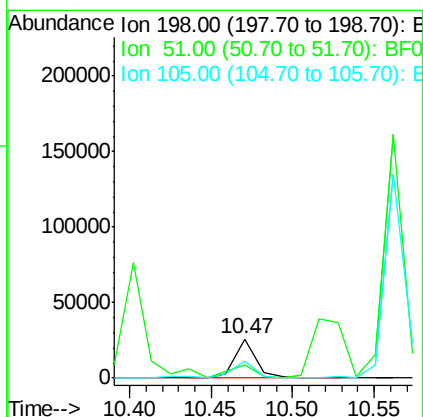
RT: 10.47 min Scan# 716

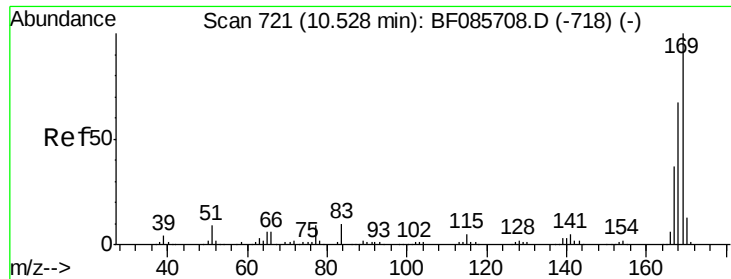
Delta R.T. 0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Tgt Ion:	198	Resp:	22368
Ion Ratio	Lower	Upper	
198	100		
51	34.4	45.4	85.4#
105	42.5	45.9	85.9#





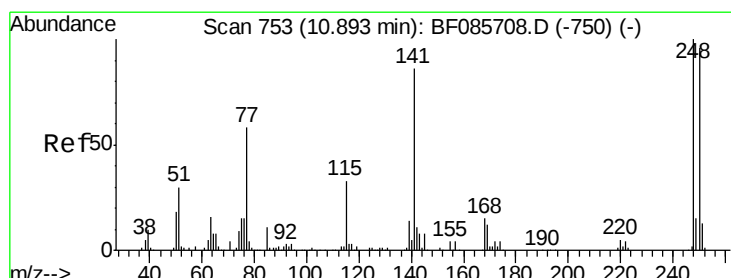
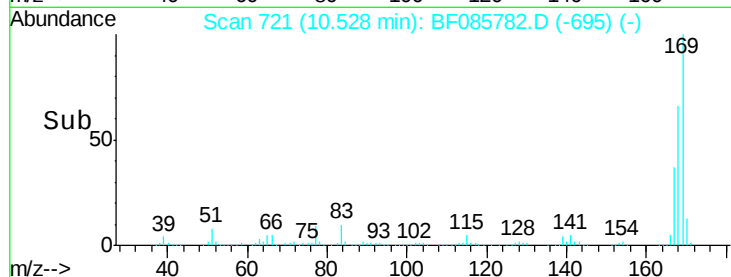
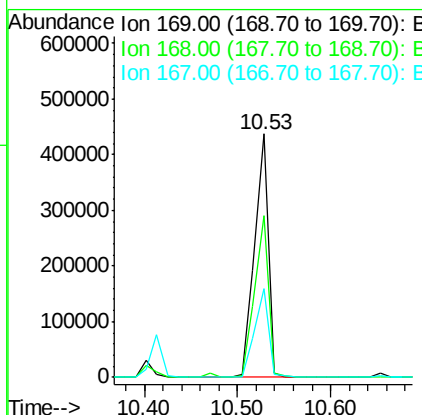
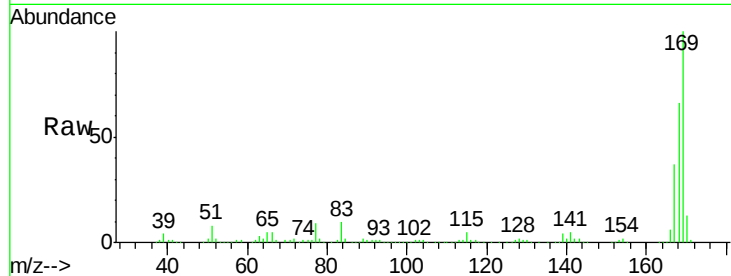
#65
 n-Nitrosodiphenylamine
 Concen: 52.33 ng
 RT: 10.53 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Instrument :
 BNA_F
 ClientSampled :
 13MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
441418	169	100			
	168	66.3		54.4	81.6
	167	36.7		29.4	44.0

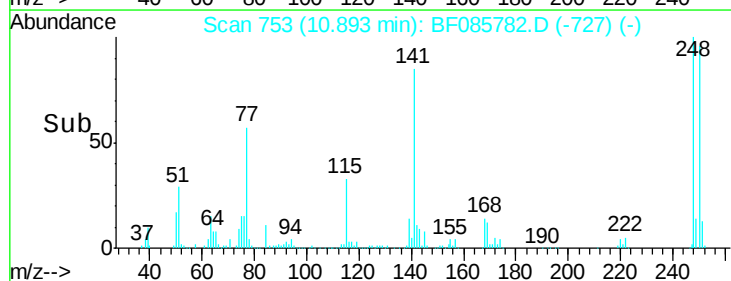
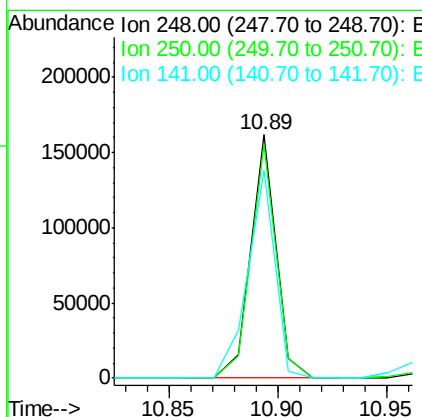
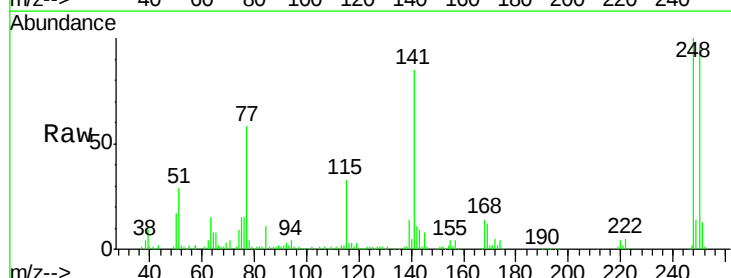
Manual Integrations
 APPROVED

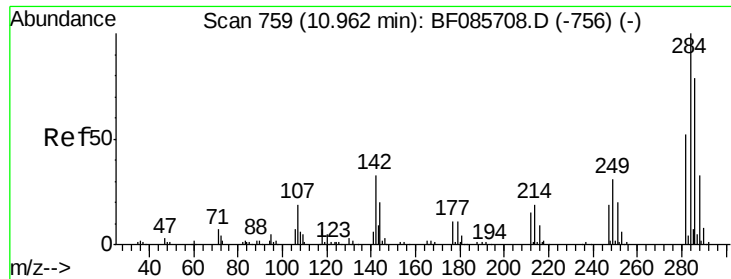
Sohil
 3/28/2016 8:00:57 PM



#66
 4-Bromophenyl-phenylether
 Concen: 48.09 ng
 RT: 10.89 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
131028	248	100			
	250	96.0		77.4	116.0
	141	85.3		63.6	95.4





#67

Hexachlorobenzene

Concen: 46.80 ng

RT: 10.96 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

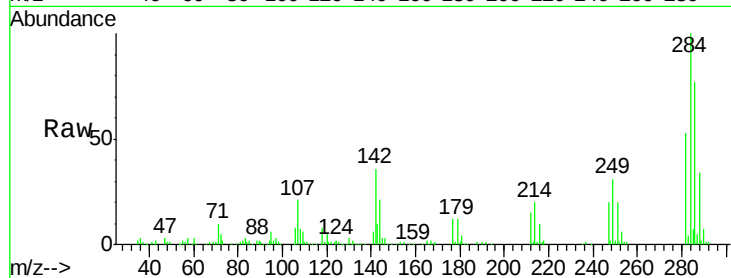
ClientSampleId :

13MS

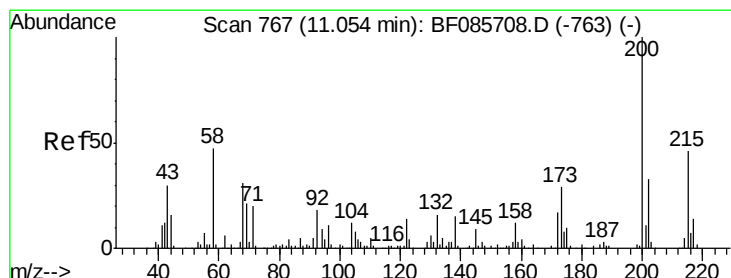
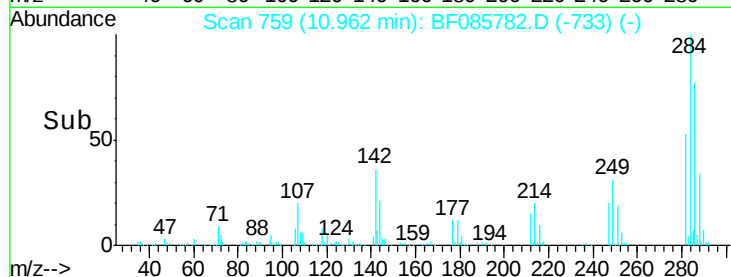
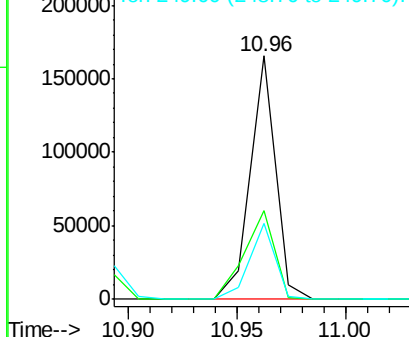
Tot Ion:	284	Resp:	133357
Ion Ratio	Lower	Upper	
284	100		
142	36.2	23.1	34.7#
249	31.4	24.2	36.2

Manual Integrations
APPROVED

Sohil
3/28/2016 8:00:57 PM



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



#68

Atrazine

Concen: 48.33 ng

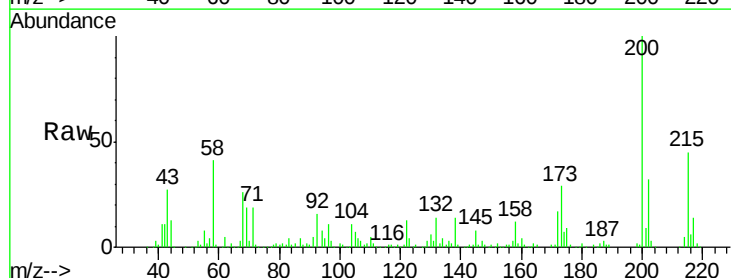
RT: 11.05 min Scan# 767

Delta R.T. 0.00 min

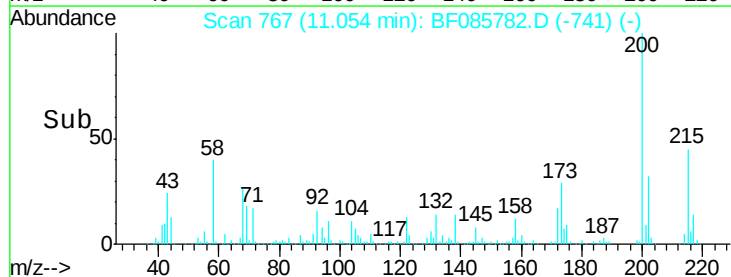
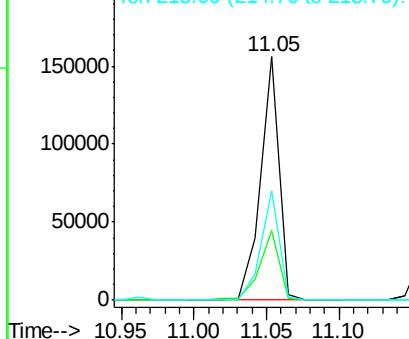
Lab File: BF085782.D

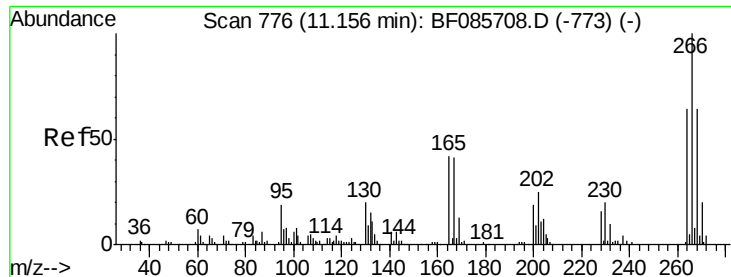
Acq: 26 Mar 2016 1:04

Tgt Ion:	200	Resp:	137651
Ion Ratio	Lower	Upper	
200	100		
173	28.6	7.7	47.7
215	44.9	25.4	65.4



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





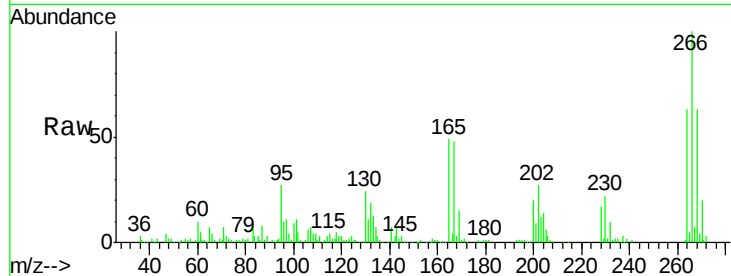
#69
 Pentachlorophenol
 Concen: 86.38 ng
 RT: 11.16 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Instrument :
 BNA_F
 ClientSampleId :
 13MS

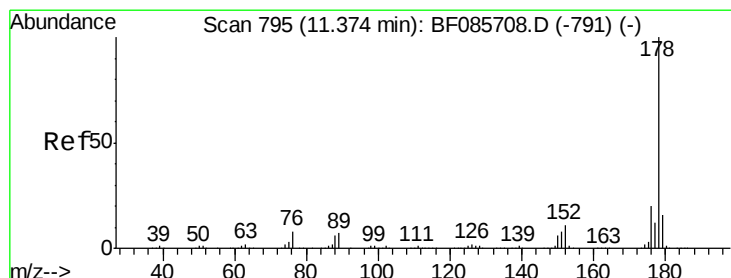
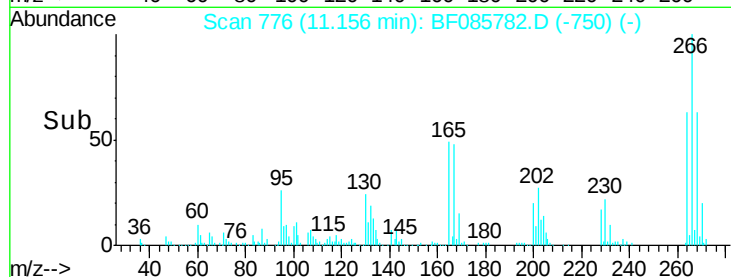
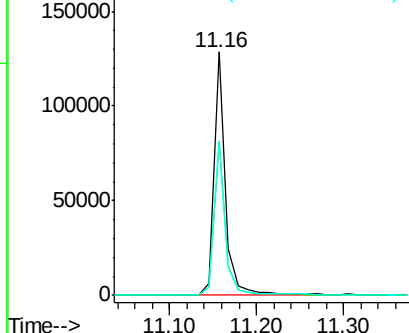
Tot Ion	Ratio	Resp	Lower	Upper
266	100	120833		
268	63.1	51.5	77.3	
264	63.2	50.6	76.0	

Manual Integrations
 APPROVED

Sohil
 3/28/2016 8:00:57 PM

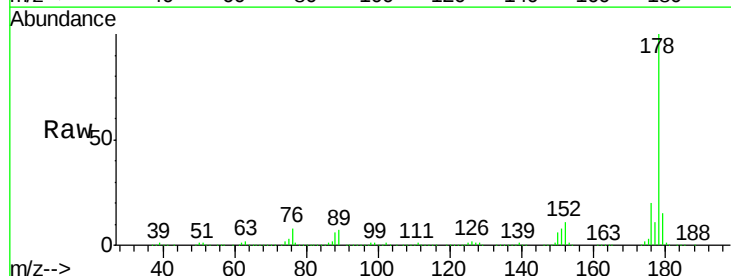


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

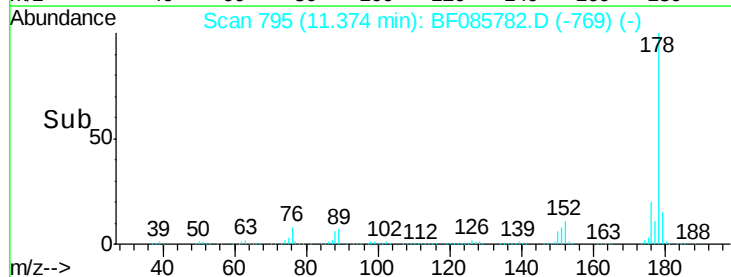
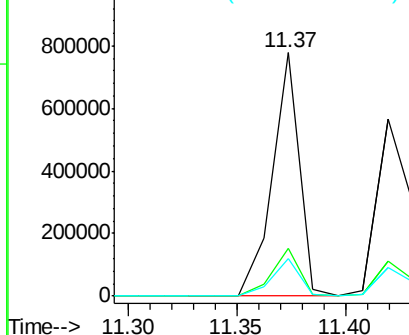


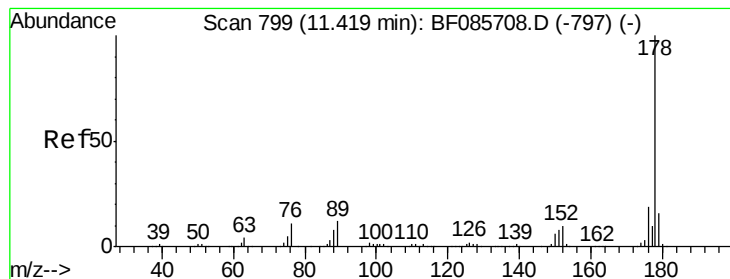
#70
 Phenanthrene
 Concen: 49.65 ng
 RT: 11.37 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	678882		
176	19.8	16.3	24.5	
179	15.4	12.6	18.8	



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





#71

Anthracene

Concen: 42.86 ng

RT: 11.42 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

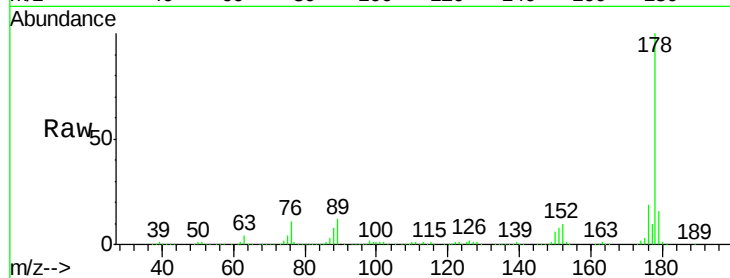
ClientSampled :

13MS

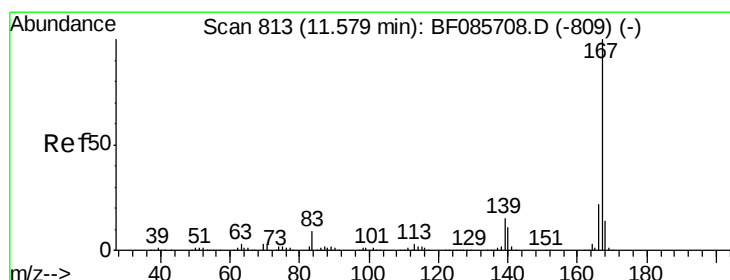
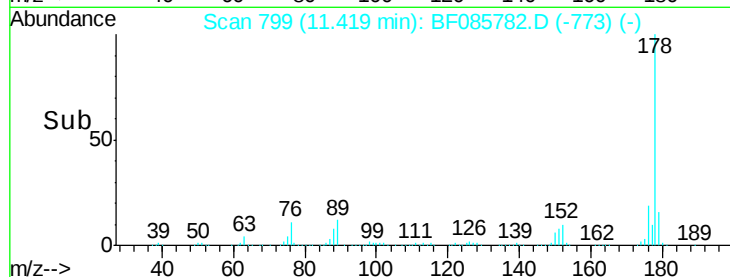
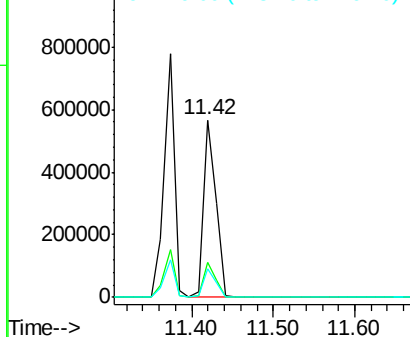
Tot Ion:	178	Resp:	615353
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.9	23.9
179	16.0	13.0	19.4

Manual Integrations
APPROVED

Sohil
3/28/2016 8:00:57 PM



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



#72

Carbazole

Concen: 47.77 ng

RT: 11.58 min Scan# 813

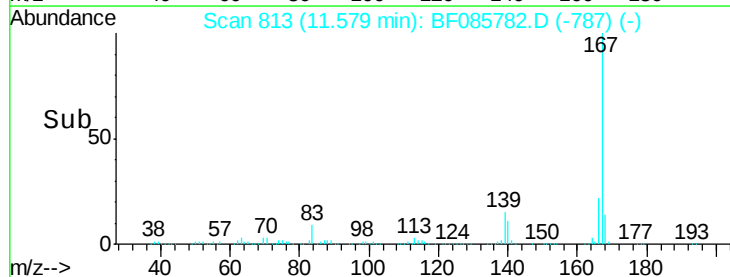
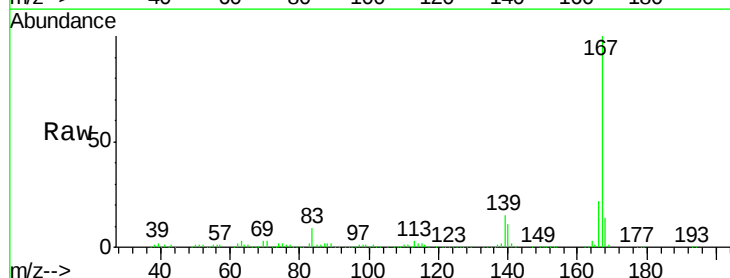
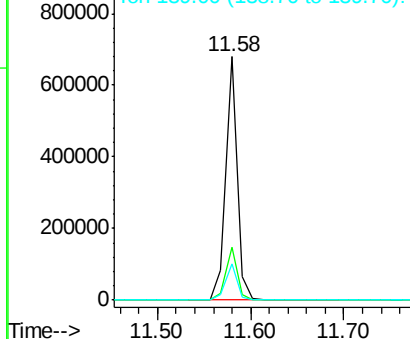
Delta R.T. 0.00 min

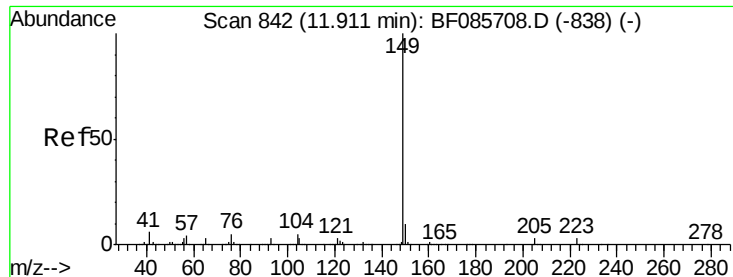
Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Tgt Ion:	167	Resp:	575742
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.8	26.8
139	14.8	11.6	17.4

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





#73

Di-n-butylphthalate

Concen: 47.66 ng

RT: 11.91 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

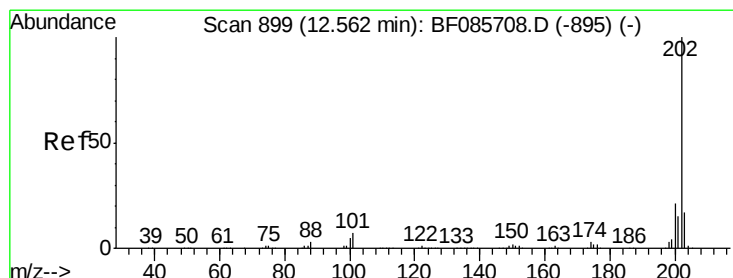
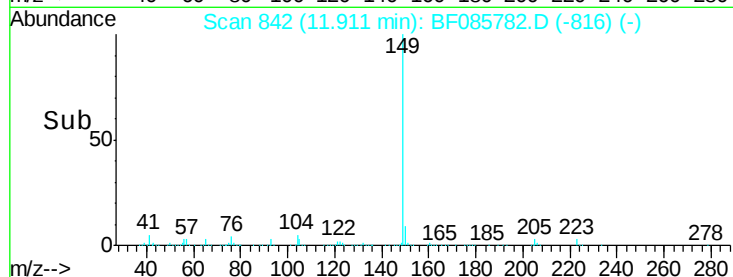
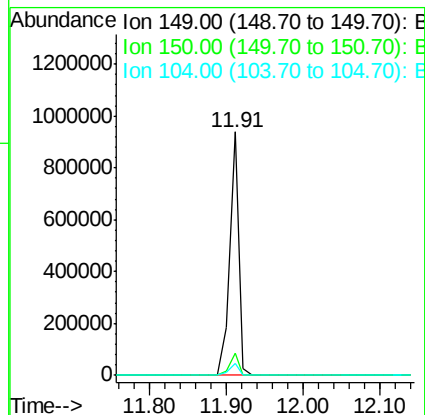
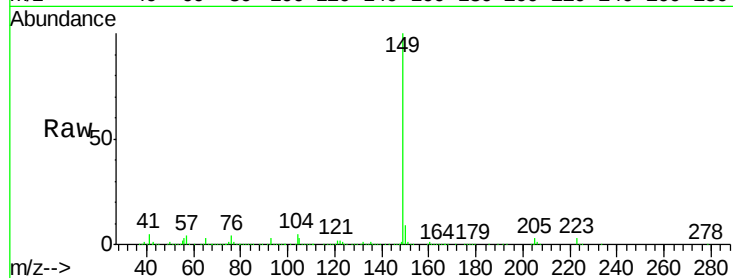
ClientSampleId :

13MS

Tot Ion:	149	Resp:	788291
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.6	11.4
104	4.7	3.8	5.8

Manual Integrations
APPROVED

Sohil
3/28/2016 8:00:57 PM



#74

Fluoranthene

Concen: 43.11 ng

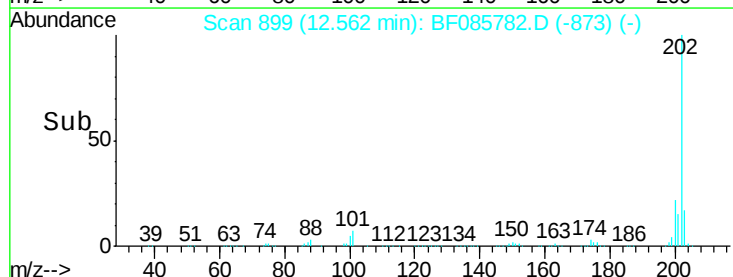
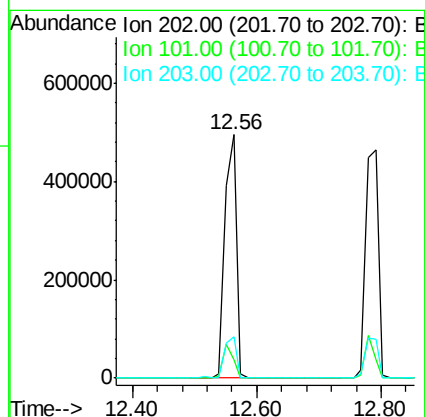
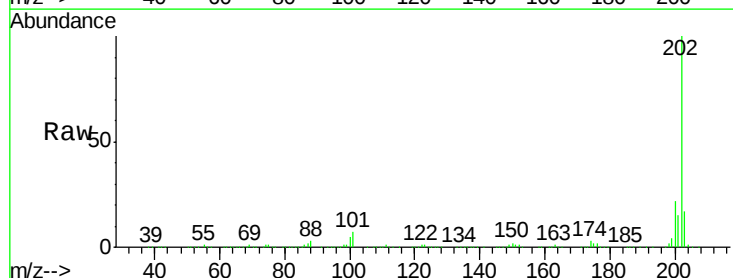
RT: 12.56 min Scan# 899

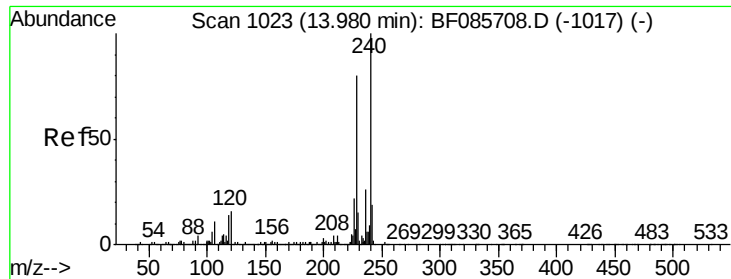
Delta R.T. 0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Tgt Ion:	202	Resp:	626661
Ion Ratio	Lower	Upper	
202	100		
101	7.4	0.0	36.6
203	17.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

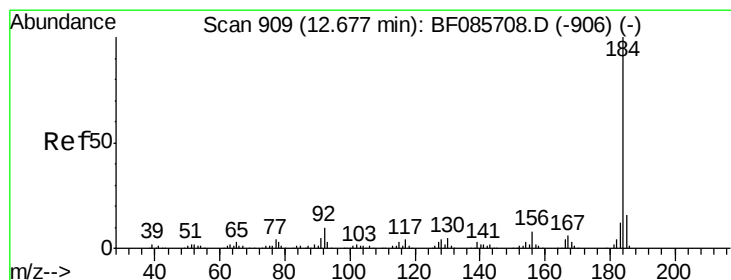
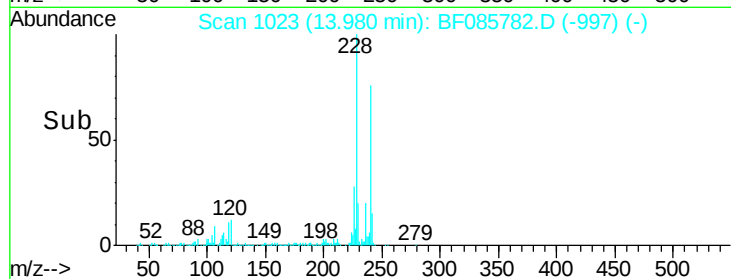
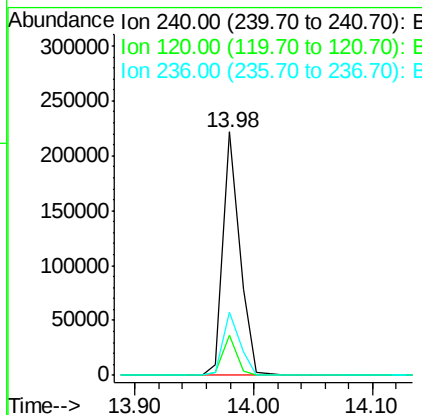
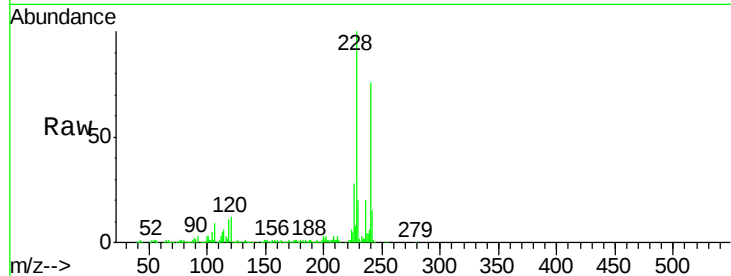
ClientSampleId :

13MS

Tot Ion:	240	Resp:	216068
Ion Ratio	Lower	Upper	
240	100		
120	16.2	13.8	20.8
236	26.0	20.6	30.8

Manual Integrations
APPROVED

Sohil
3/28/2016 8:00:57 PM



#76

Benzidine

Concen: 15.46 ng

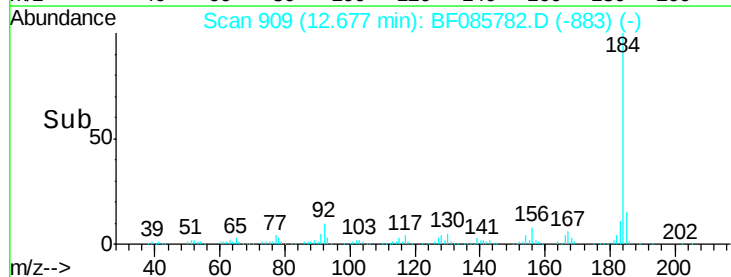
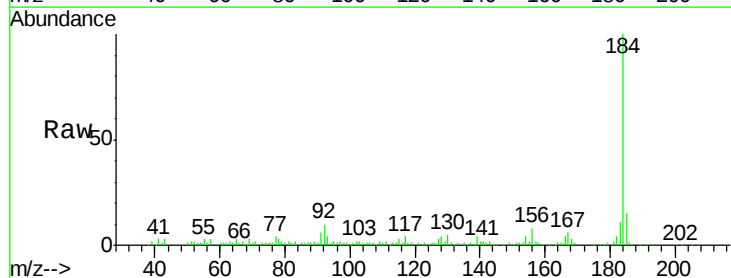
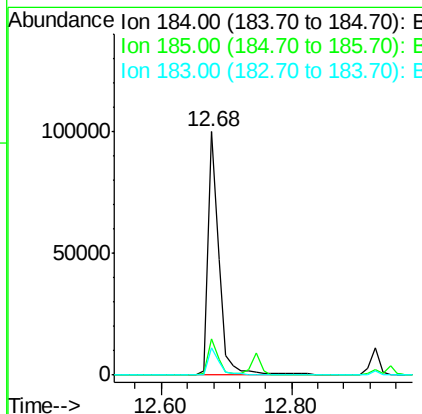
RT: 12.68 min Scan# 909

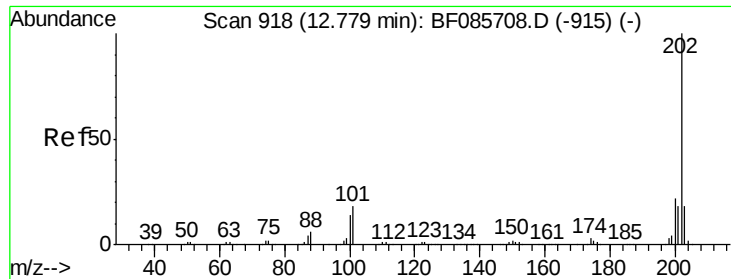
Delta R.T. 0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Tgt Ion:	184	Resp:	117672
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.4	18.6
183	11.5	9.4	14.2





#77

Pvrene

Concen: 36.40 ng

RT: 12.79 min Scan# 919

Delta R.T. 0.01 min

Lab File: BF085782.D

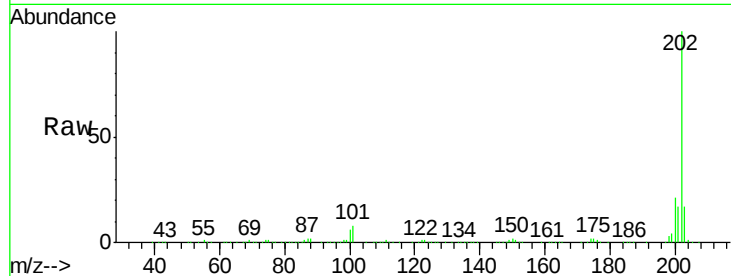
Acq: 26 Mar 2016 1:04

Instrument :
BNA_F
ClientSampleId :
13MS

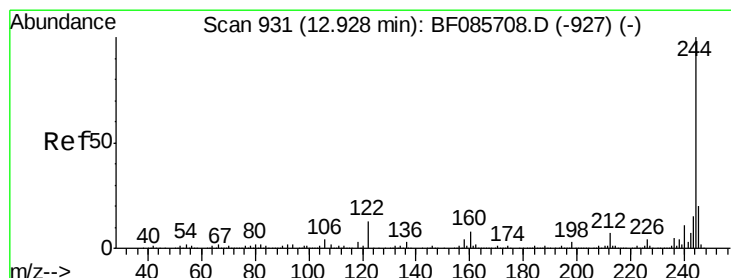
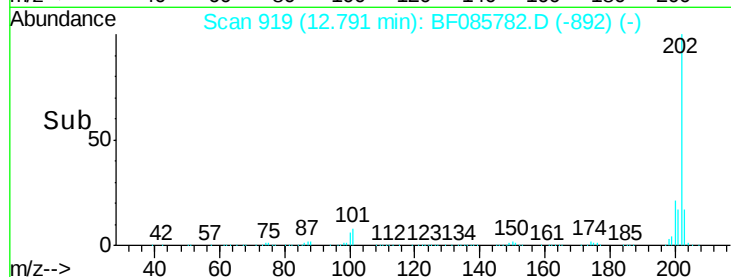
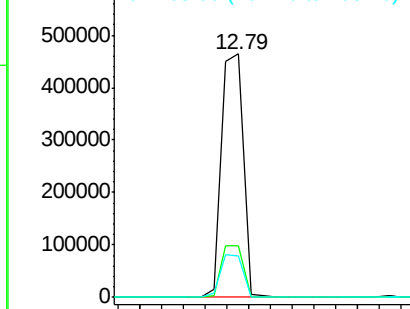
Tot Ion:	202	Resp:	646488
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.6	26.4
203	16.9	14.0	21.0

Manual Integrations
APPROVED

Sohil
3/28/2016 8:00:57 PM



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



#78

Terphenyl-d14

Concen: 63.87 ng

RT: 12.93 min Scan# 931

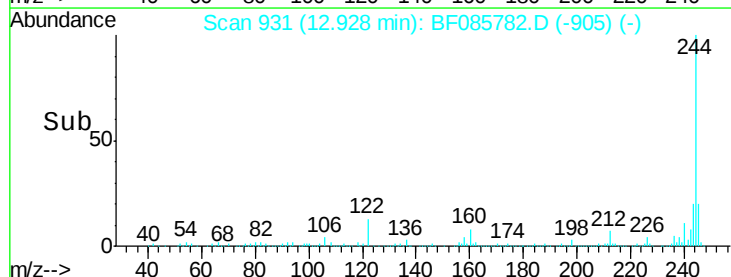
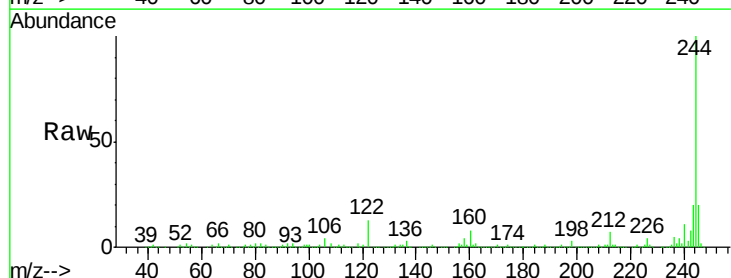
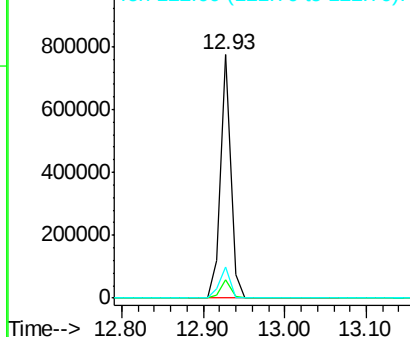
Delta R.T. 0.00 min

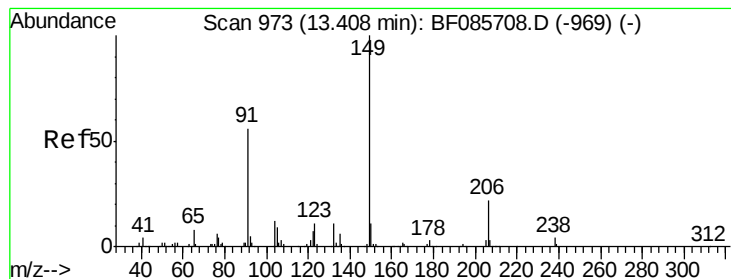
Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Tgt Ion:	244	Resp:	671025
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.1	9.1
122	12.7	10.2	15.4

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





#79

Butylbenzylphthalate

Concen: 42.25 ng

RT: 13.41 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

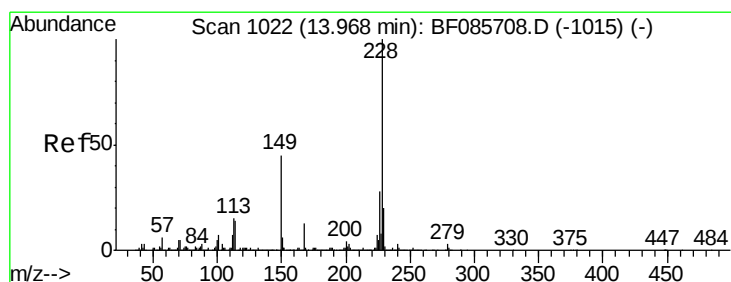
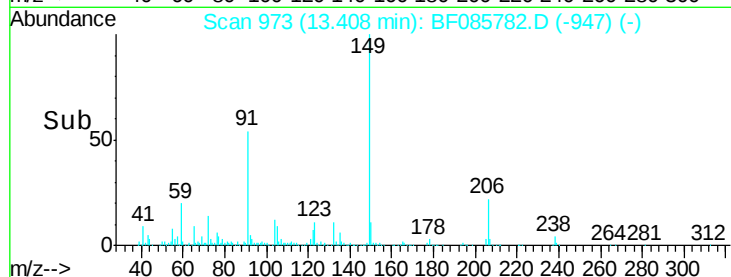
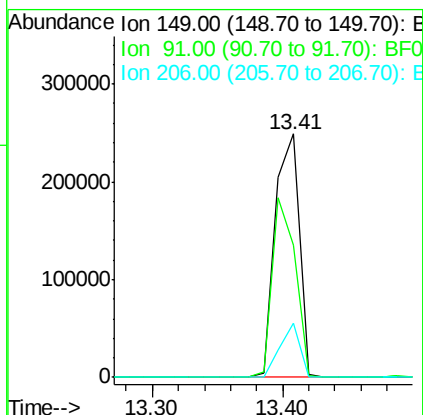
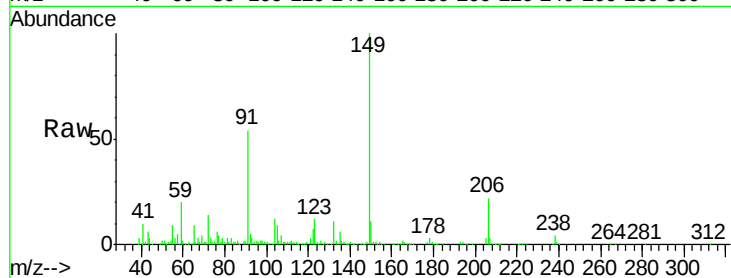
ClientSampleId :

13MS

Tot Ion:	149	Resp:	314279
Ion Ratio	Lower	Upper	
149	100		
91	54.4	45.8	68.8
206	22.4	17.8	26.8

Manual Integrations
APPROVED

Sohil
3/28/2016 8:00:57 PM



#80

Benzo(a)anthracene

Concen: 44.21 ng

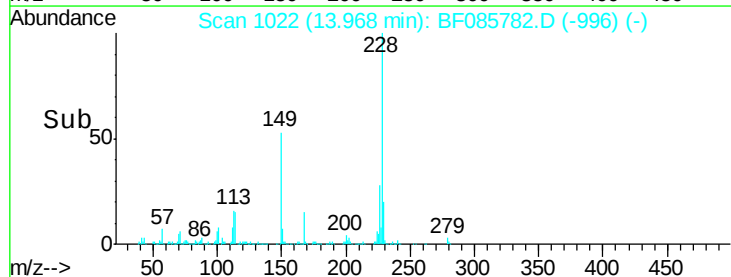
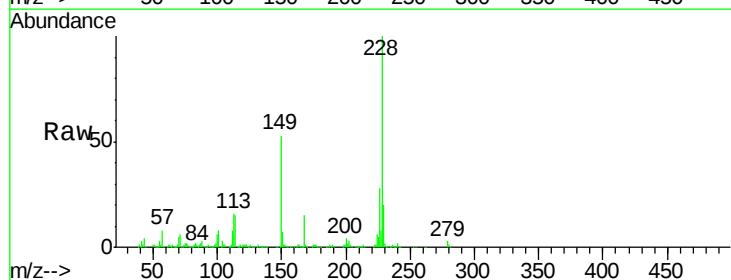
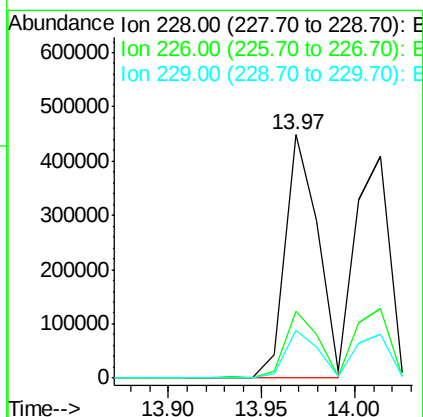
RT: 13.97 min Scan# 1022

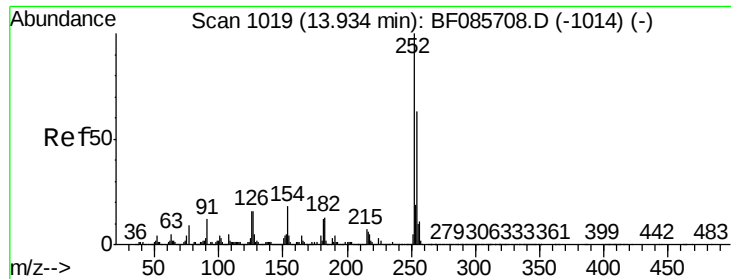
Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Tgt Ion:	228	Resp:	544701
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.1	33.1
229	19.6	16.2	24.4





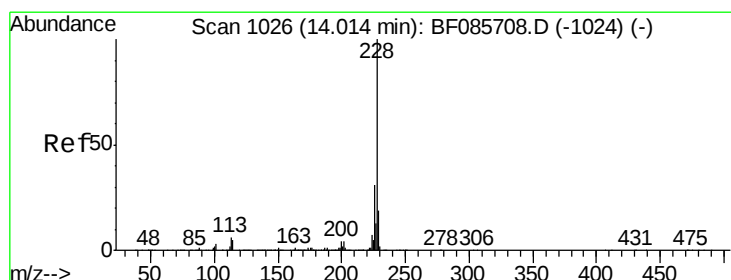
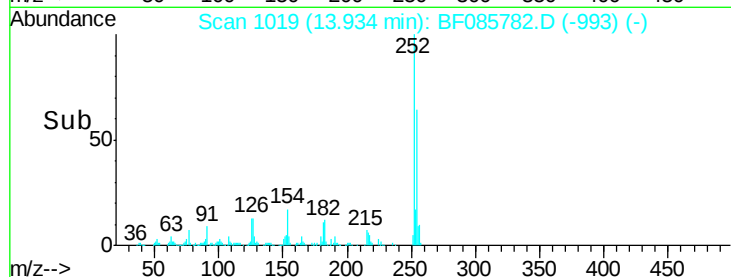
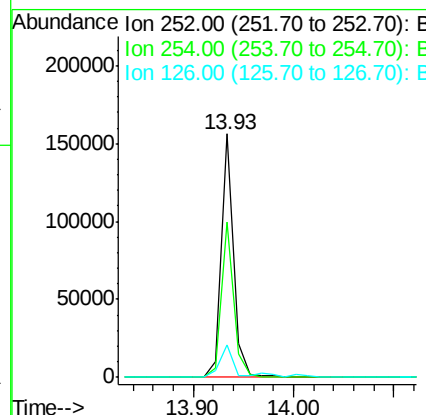
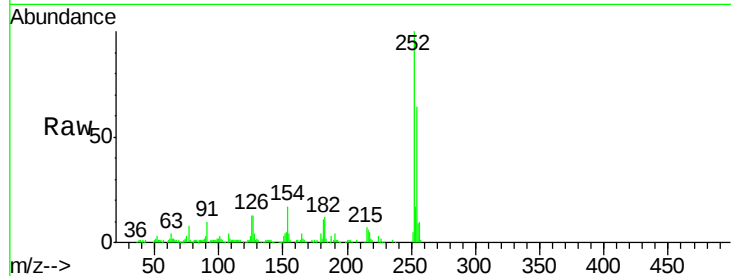
#81
 3,3'-Dichlorobenzidine
 Concen: 15.55 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Instrument :
 BNA_F
 ClientSampleId :
 13MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	132951		
254	63.6		50.7	76.1
126	13.4		11.8	17.6

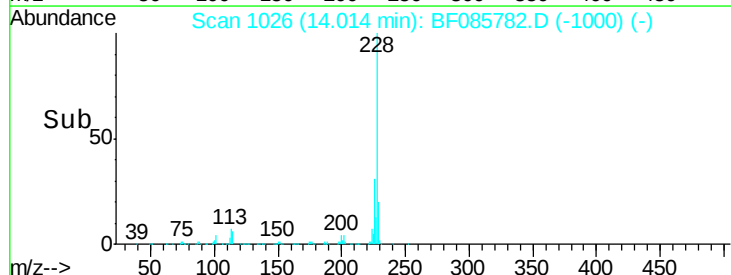
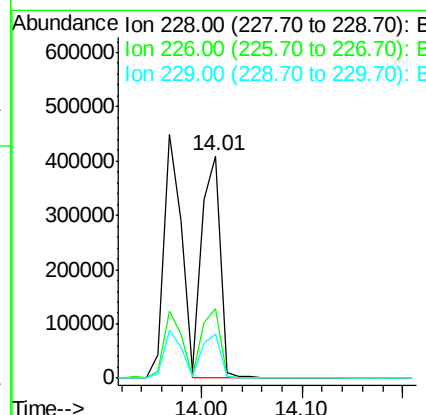
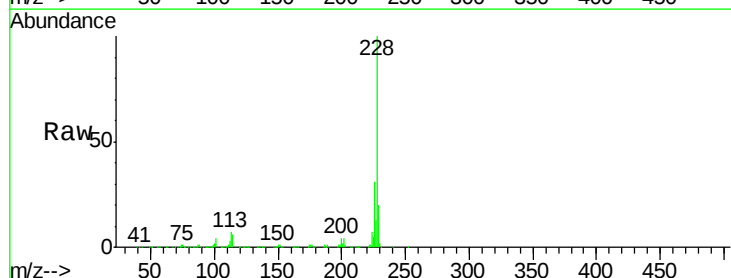
Manual Integrations
 APPROVED

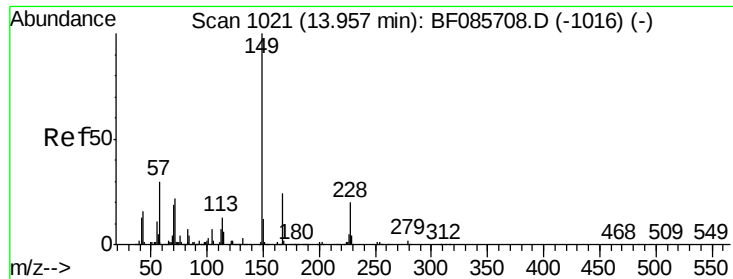
Sohil
 3/28/2016 8:00:57 PM



#82
 Chrysene
 Concen: 41.87 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	519631		
226	31.2		25.0	37.6
229	19.6		15.7	23.5





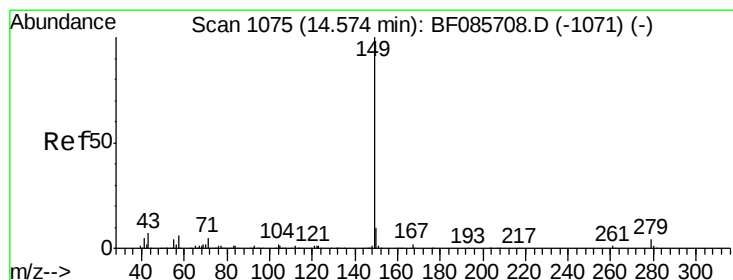
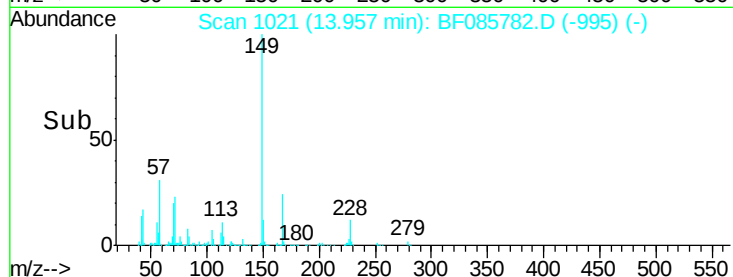
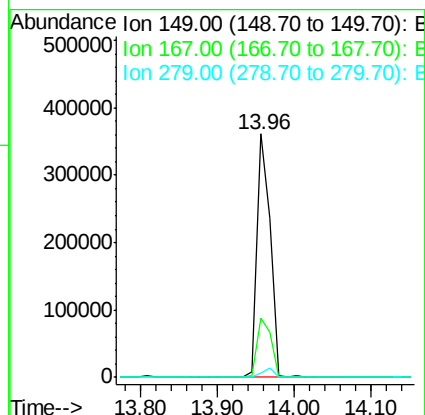
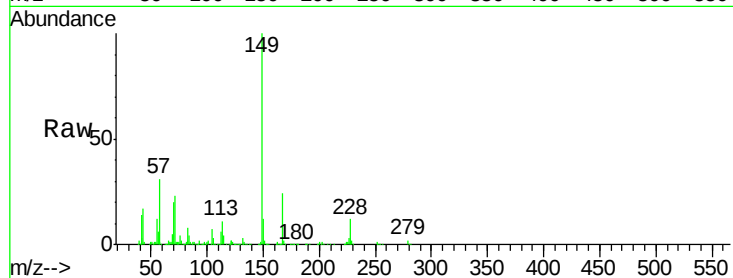
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.65 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Instrument :
 BNA_F
 ClientSampleId :
 13MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.2	19.4	29.2
279	1.8	1.5	2.3

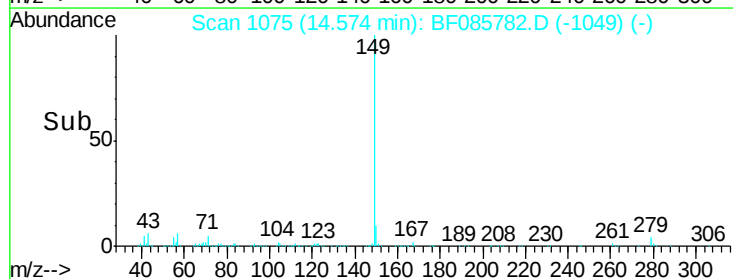
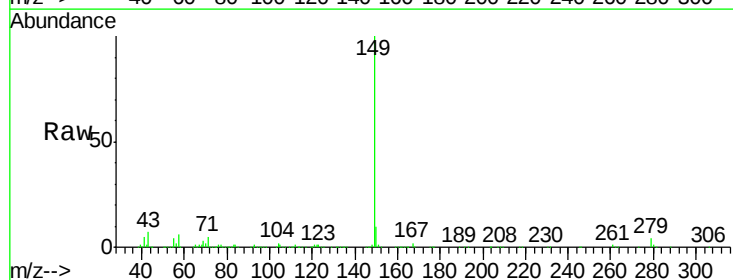
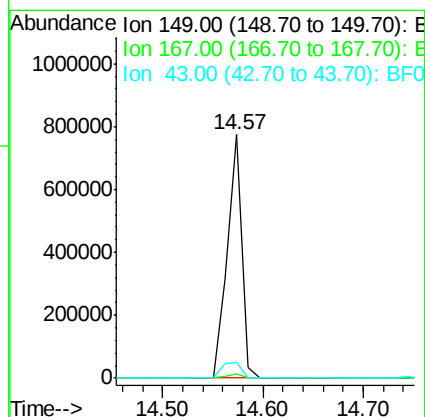
Manual Integrations
 APPROVED

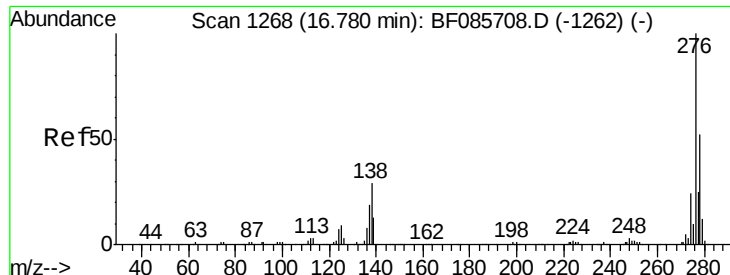
Sohil
 3/28/2016 8:00:57 PM



#84
 Di-n-octyl phthalate
 Concen: 58.70 ng
 RT: 14.57 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.6	7.1	10.7





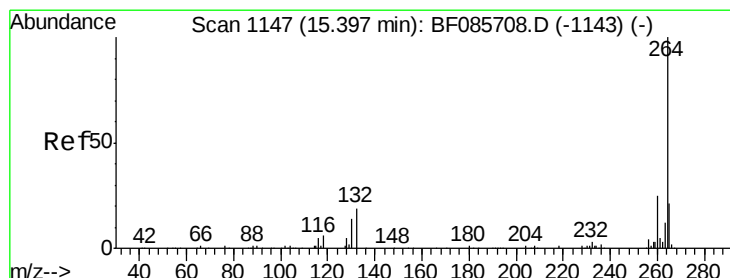
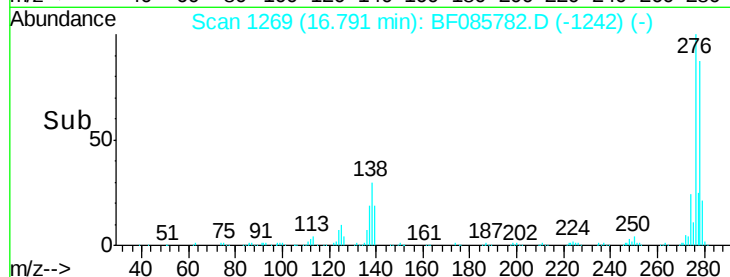
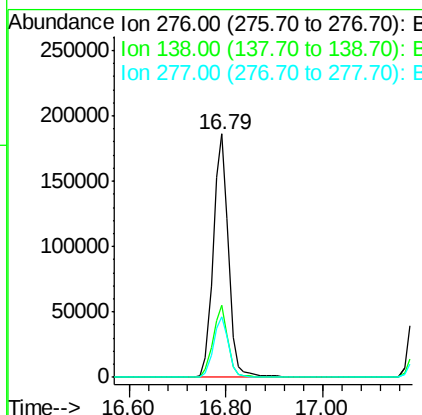
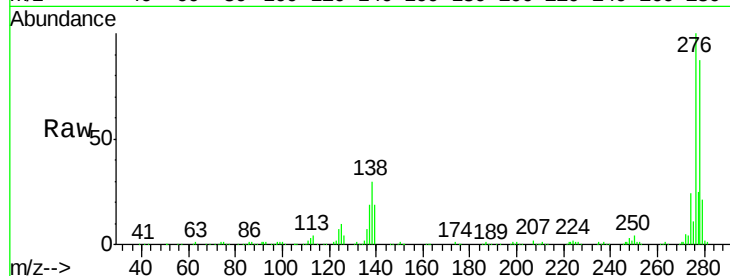
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.39 ng
 RT: 16.79 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Instrument :
 BNA_F
 ClientSampleId :
 13MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.2	24.2	36.4
277	25.0	20.0	30.0

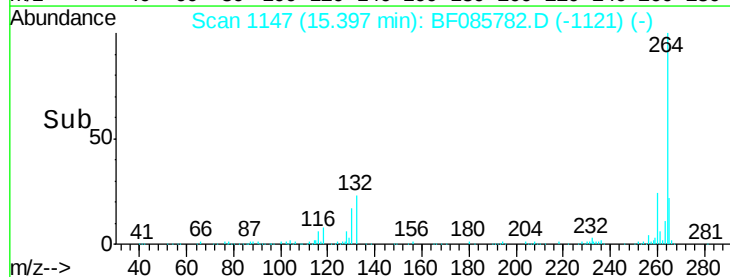
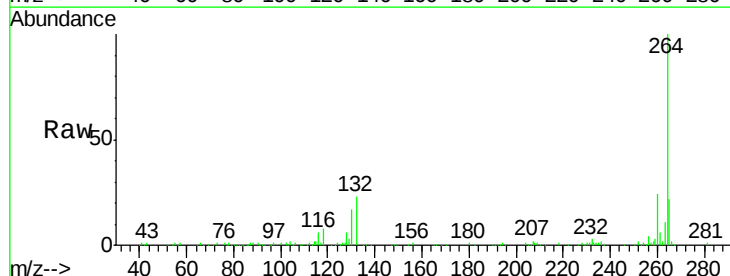
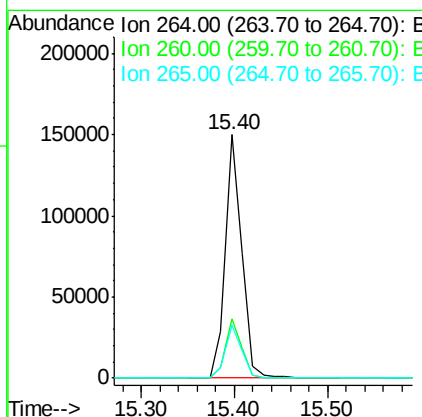
Manual Integrations
 APPROVED

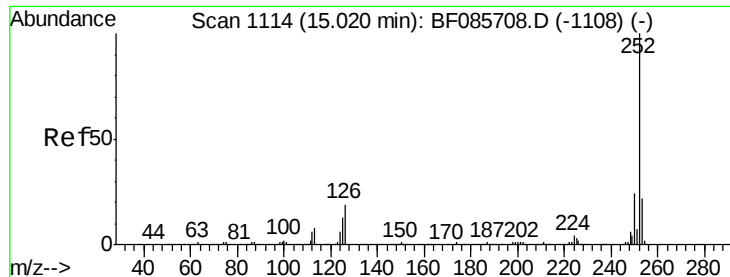
Sohil
 3/28/2016 8:00:57 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 44.44 ng m

RT: 15.00 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

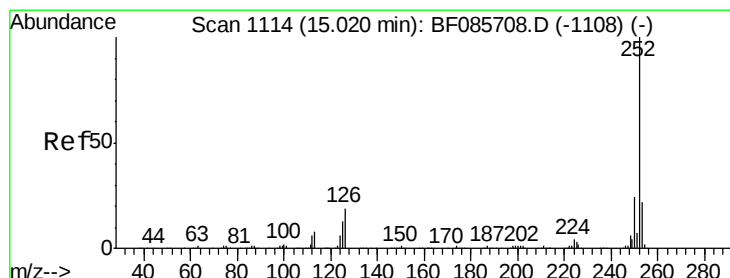
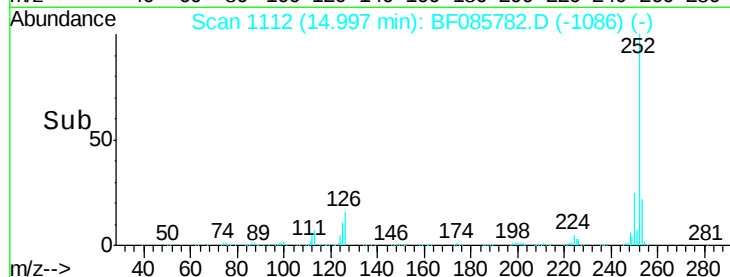
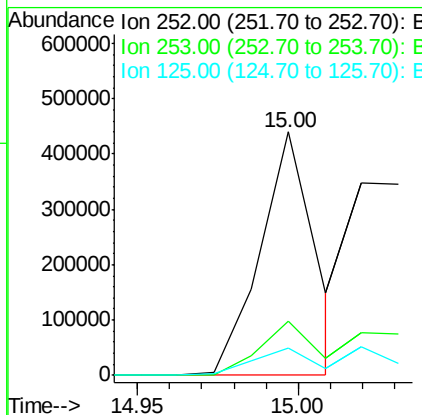
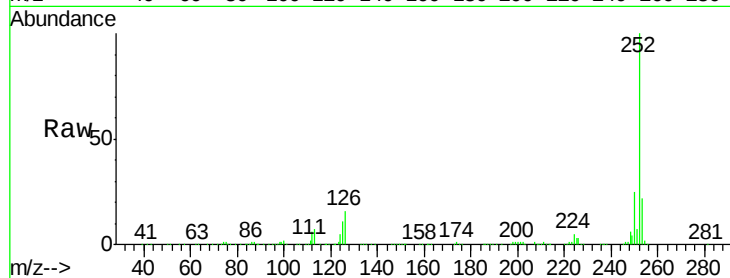
ClientSampled :

13MS

Tot Ion:	252	Resp:	514339
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.6	26.4
125	11.3	10.3	15.5

Manual Integrations
APPROVED

Sohil
3/28/2016 8:00:57 PM



#88

Benzo(k)fluoranthene

Concen: 47.52 ng m

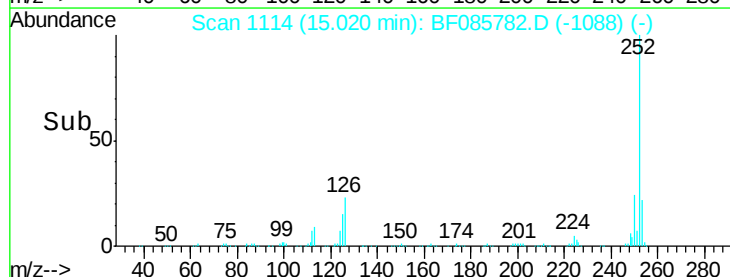
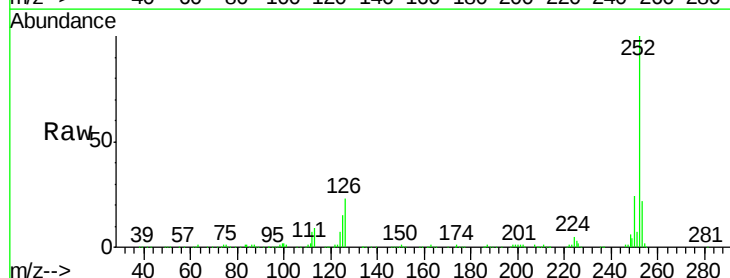
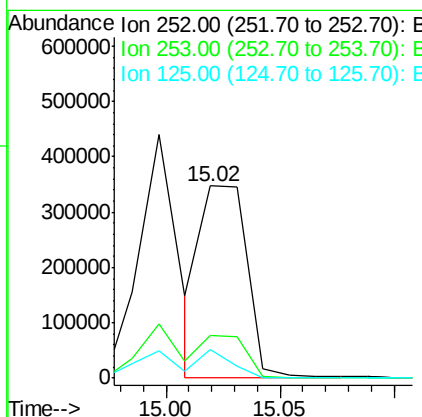
RT: 15.02 min Scan# 1114

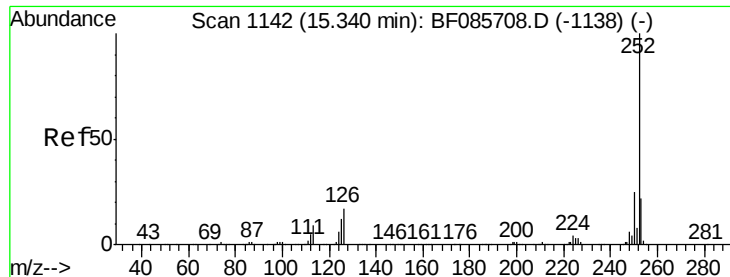
Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Tgt Ion:	252	Resp:	495821
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.6
125	14.8	7.7	11.5#





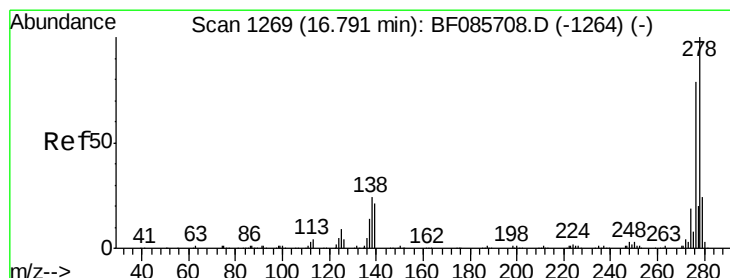
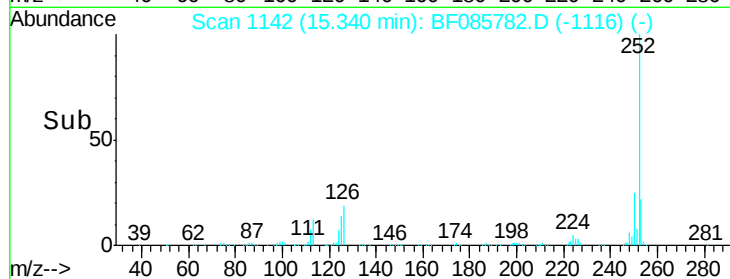
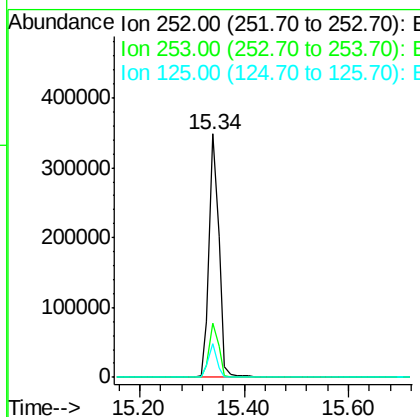
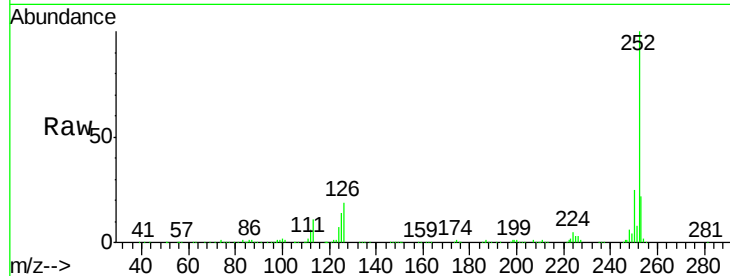
#89
Benzo(a)pyrene
Concen: 44.64 ng
RT: 15.34 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Instrument :
BNA_F
ClientSampleId :
13MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	13.9	10.3	15.5

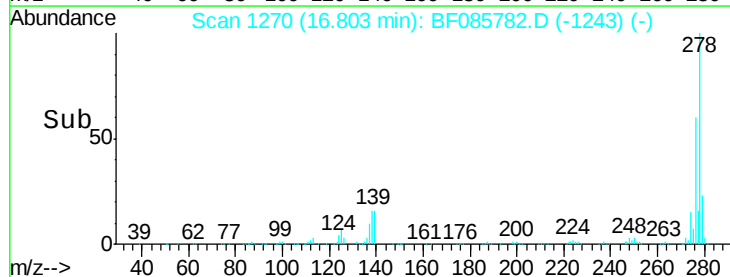
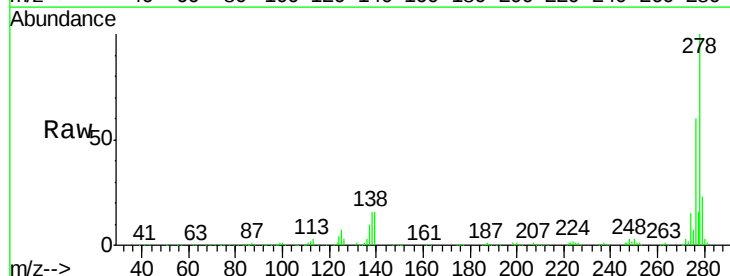
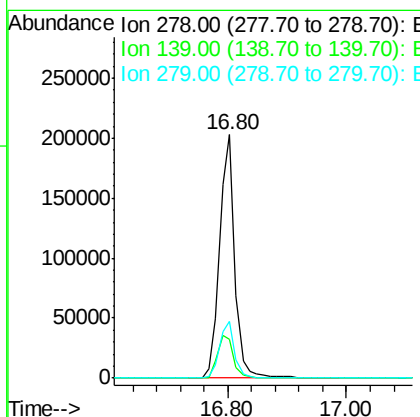
Manual Integrations
APPROVED

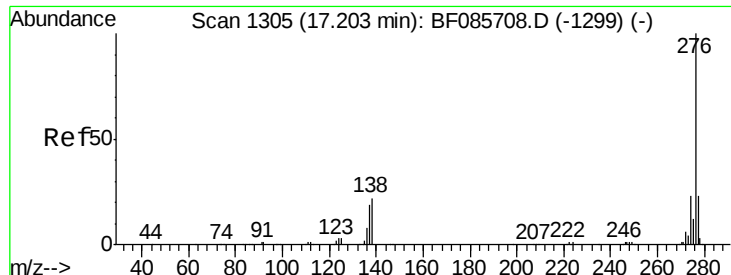
Sohil
3/28/2016 8:00:57 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.75 ng
RT: 16.80 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	14.4	21.6
279	23.2	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 33.61 ng
 RT: 17.20 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Instrument :
 BNA_F
 ClientSampleId :
 13MS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.6	18.8	28.2	
138	26.5	22.6	34.0	

Manual Integrations
 APPROVED

Sohil
 3/28/2016 8:00:57 PM

