

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091830.D
 Acq On : 21 Dec 2016 12:43
 Operator : UM/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

sohil
 12/22/2016 7:11:19 PM

PM

Quant Time: Dec 21 14:29:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 14:14:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	272947	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	1089547	20.00	ng	-0.01
38) Acenaphthene-d10	9.79	164	597769	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	940551	20.00	ng	0.00
75) Chrysene-d12	13.91	240	791830	20.00	ng	0.00
86) Perylene-d12	15.30	264	747311	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	369521	22.68	ng	0.00
7) Phenol-d6	6.40	99	457968	23.05	ng	-0.01
23) Nitrobenzene-d5	7.31	82	418433	22.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	108791	21.46	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	798371	26.83	ng	0.00
78) Terphenyl-d14	12.85	244	740682	23.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	82961	10.34	ng	96
3) Pyridine	3.00	79	288046	11.14	ng	96
4) n-Nitrosodimethylamine	2.92	42	112352	11.23	ng	# 99
6) Aniline	6.41	93	295352	11.55	ng	# 65
8) 2-Chlorophenol	6.53	128	210803	11.76	ng	92
9) Benzaldehyde	6.29	77	150322	12.20	ng	94
10) Phenol	6.41	94	261067	11.66	ng	91
11) bis(2-Chloroethyl)ether	6.49	93	191944	10.73	ng	91
12) 1,3-Dichlorobenzene	6.68	146	212386m	10.78	ng	
13) 1,4-Dichlorobenzene	6.76	146	216644	10.87	ng	100
14) 1,2-Dichlorobenzene	6.92	146	209754	12.02	ng	95
15) Benzyl Alcohol	6.90	79	171963	11.18	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.04	45	297480	10.88	ng	99
17) 2-Methylphenol	7.01	107	164075	10.95	ng	98
18) Hexachloroethane	7.26	117	79764	10.77	ng	93
19) n-Nitroso-di-n-propylamine	7.16	70	146374	11.08	ng	100
20) 3+4-Methylphenols	7.17	107	218947	13.10	ng	# 74
22) Acetophenone	7.16	105	310978	11.82	ng	# 92
24) Nitrobenzene	7.33	77	232052	11.44	ng	# 87
25) Isophorone	7.57	82	400636	11.11	ng	97
26) 2-Nitrophenol	7.65	139	115729	11.82	ng	# 86
27) 2,4-Dimethylphenol	7.70	122	190129	11.91	ng	96
28) bis(2-Chloroethoxy)methane	7.79	93	247119	11.72	ng	98
29) 2,4-Dichlorophenol	7.89	162	157654	10.71	ng	86
30) 1,2,4-Trichlorobenzene	7.97	180	171975	10.78	ng	# 94
31) Naphthalene	8.05	128	572711	11.00	ng	98
32) Benzoic acid	7.79	122	117609	10.34	ng	99
33) 4-Chloroaniline	8.11	127	269880	12.31	ng	96
34) Hexachlorobutadiene	8.18	225	98792	11.01	ng	99
35) Caprolactam	8.45	113	47346	9.99	ng	# 61
36) 4-Chloro-3-methylphenol	8.60	107	178769	11.00	ng	86
37) 2-Methylnaphthalene	8.75	142	398977	12.16	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	161853	10.86	ng	99
40) Hexachlorocyclopentadiene	8.90	237	44006	6.97	ng	94

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091830.D
 Acq On : 21 Dec 2016 12:43
 Operator : UM/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

sohil
 12/22/2016 7:11:19 PM

PM

Quant Time: Dec 21 14:29:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 14:14:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	109434	10.28	nq	98
43) 2,4,5-Trichlorophenol	9.07	196	117924	11.28	nq	97
45) 1,1'-Biphenyl	9.21	154	462333	10.79	nq	97
46) 2-Chloronaphthalene	9.23	162	353007	11.03	nq	94
47) 2-Nitroaniline	9.33	65	126136	11.54	nq	87
48) Acenaphthylene	9.64	152	547185	11.03	nq	99
49) Dimethylphthalate	9.52	163	431565	11.05	nq	99
50) 2,6-Dinitrotoluene	9.57	165	92114	10.76	nq #	83
51) Acenaphthene	9.81	154	363760	10.68	nq	98
52) 3-Nitroaniline	9.74	138	115732	10.86	nq #	76
53) 2,4-Dinitrophenol	9.85	184	36141	7.81	nq #	55
54) Dibenzofuran	9.98	168	492922	12.17	nq	98
55) 4-Nitrophenol	9.92	139	75748	10.23	nq	90
56) 2,4-Dinitrotoluene	9.97	165	115697	10.82	nq	92
57) Fluorene	10.33	166	384138	12.21	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	94962	10.98	nq	99
59) Diethylphthalate	10.21	149	418306	10.90	nq	96
60) 4-Chlorophenyl-phenylether	10.33	204	184827	12.90	nq	90
61) 4-Nitroaniline	10.35	138	118015	11.69	nq	91
62) Azobenzene	10.49	77	466162	11.41	nq	92
64) 4,6-Dinitro-2-methylphenol	10.38	198	61924	9.98	nq	83
65) n-Nitrosodiphenylamine	10.44	169	324977	11.13	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	109966	11.15	nq #	81
67) Hexachlorobenzene	10.88	284	114692	11.10	nq #	83
68) Atrazine	10.98	200	104019	11.79	nq	94
69) Pentachlorophenol	11.08	266	46022	8.25	nq	98
70) Phenanthrene	11.29	178	577150	12.28	nq	98
71) Anthracene	11.34	178	589795	11.85	nq	97
72) Carbazole	11.49	167	535528	12.30	nq	97
73) Di-n-butylphthalate	11.84	149	668128	11.97	nq #	97
74) Fluoranthene	12.48	202	619022	12.61	nq	92
76) Benzidine	12.60	184	293522	12.88	nq	96
77) Pyrene	12.71	202	618243	10.81	nq	97
79) Butylbenzylphthalate	13.33	149	265922	9.94	nq #	74
80) Benzo(a)anthracene	13.88	228	500284	11.05	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	195236	10.77	nq #	94
82) Chrysene	13.93	228	506898	10.80	nq	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	338349	9.97	nq #	97
84) Di-n-octyl phthalate	14.50	149	614525	9.82	nq	97
85) Indeno(1,2,3-cd)pyrene	16.63	276	422270	9.15	nq	100
87) Benzo(b)fluoranthene	14.90	252	464658m	9.81	nq	
88) Benzo(k)fluoranthene	14.92	252	458328m	13.78	nq	
89) Benzo(a)pyrene	15.24	252	447134	10.99	nq #	95
90) Dibenzo(a,h)anthracene	16.64	278	363136	10.24	nq	99
91) Benzo(g,h,i)perylene	17.03	276	364323	10.11	nq	96

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

```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\  
Data File : BF091830.D  
Acq On    : 21 Dec 2016  12:43  
Operator  : UM/SJ  
Sample    : SSTDICC010  
Misc      :  
ALS Vial  : 3      Sample Multiplier: 1
```

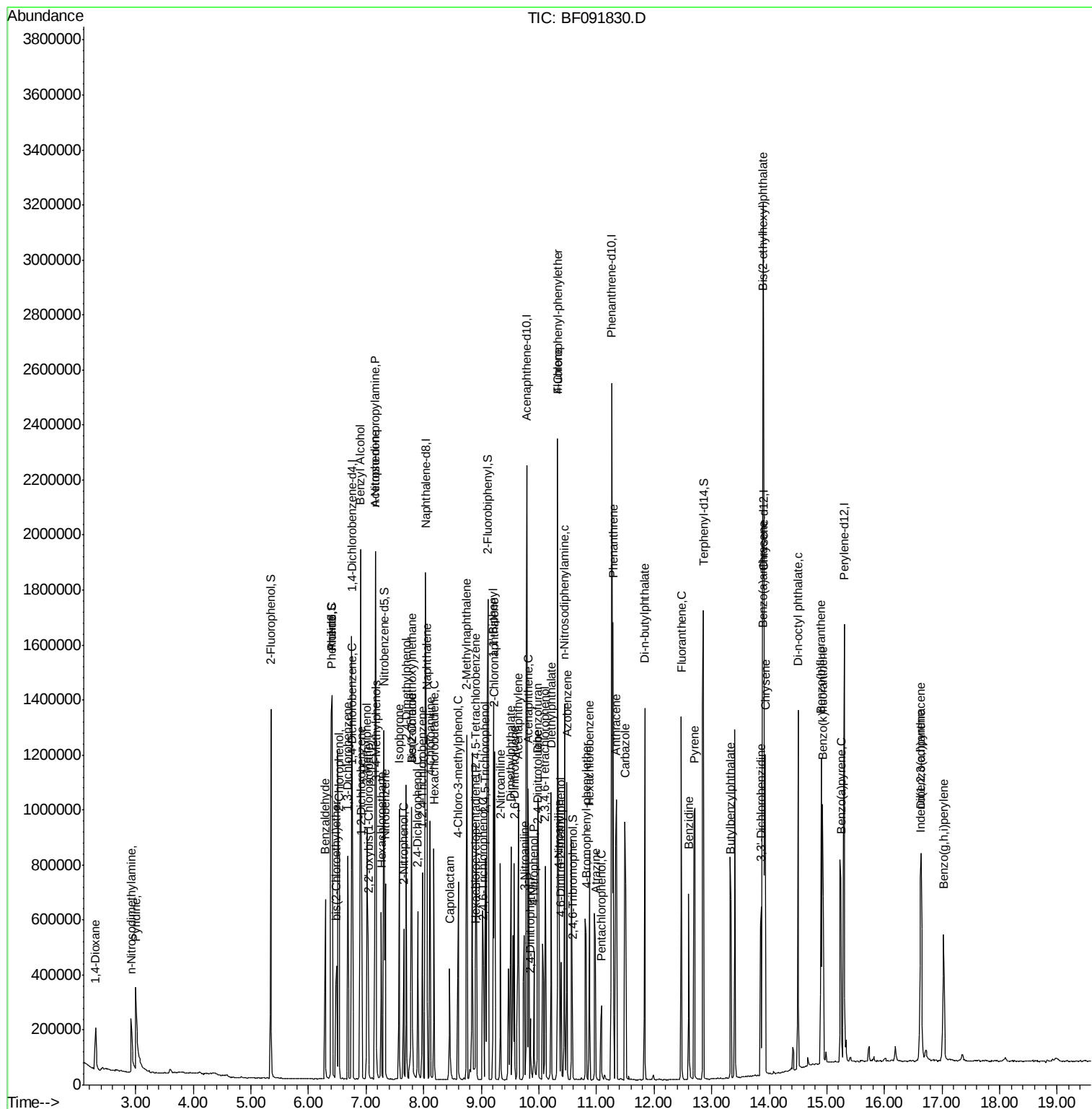
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

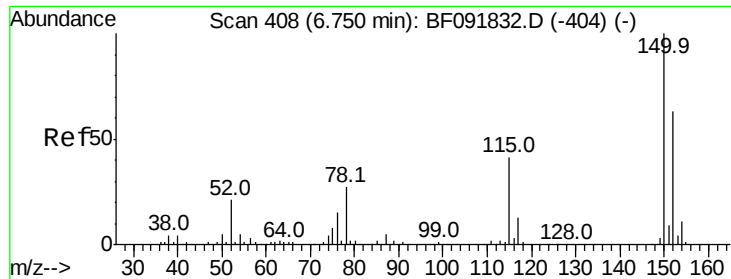
Manual Integrations APPROVED

sohil
12/22/2016 7:11:19 PM

PVI

Quant Time: Dec 21 14:29:22 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 14:14:16 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tot Ion:152 Resp: 272947

Ion Ratio Lower Upper

152 100

150 155.9 124.9 187.3

115 57.0 46.0 69.0

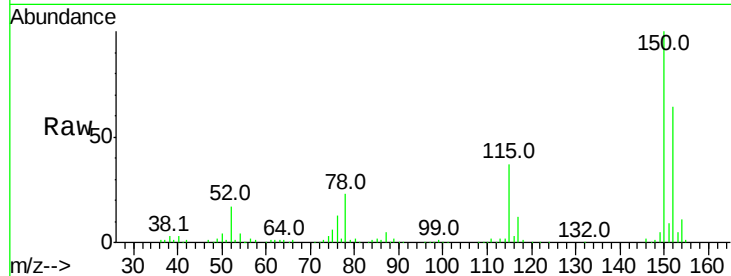
Manual Integrations

APPROVED

sohil

12/22/2016 7:11:19 PM

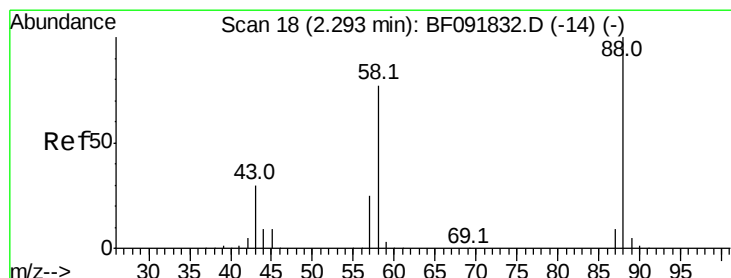
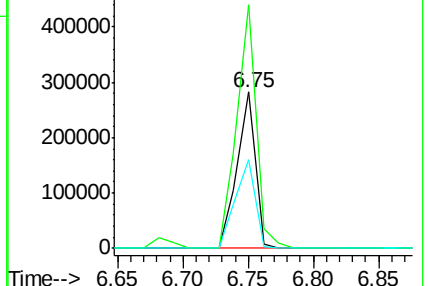
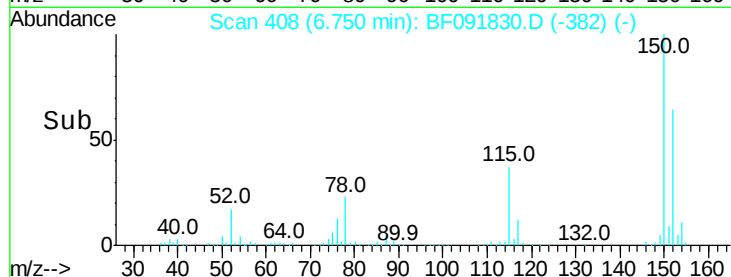
PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 10.34 ng

RT: 2.30 min Scan# 19

Delta R.T. 0.01 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

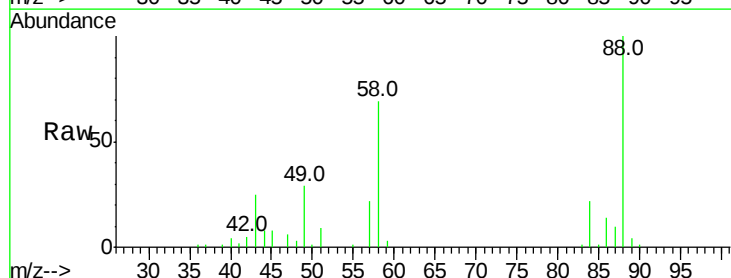
Tgt Ion: 88 Resp: 82961

Ion Ratio Lower Upper

88 100

58 75.6 57.8 86.8

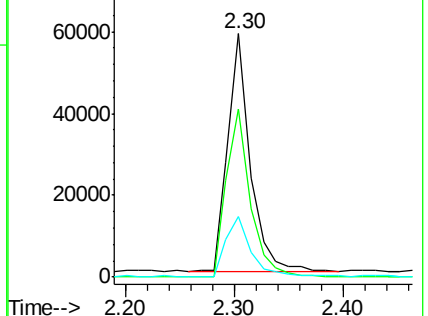
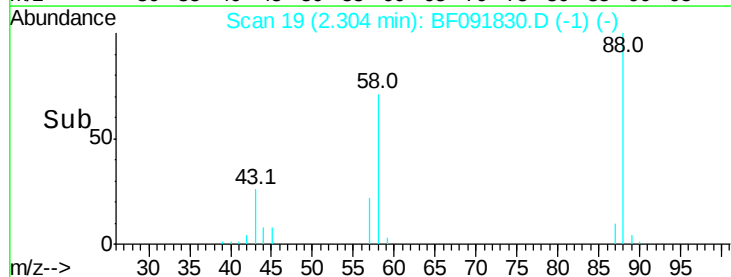
43 29.3 22.3 33.5

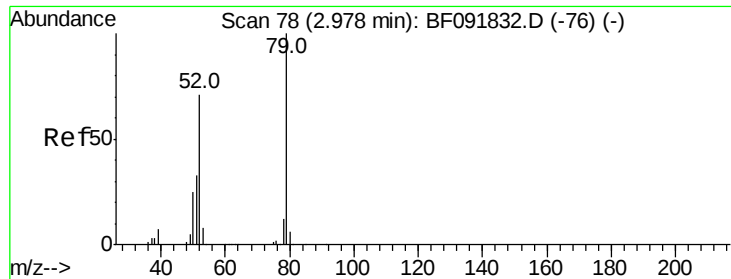


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 11.14 ng

RT: 3.00 min Scan# 80

Delta R.T. 0.02 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

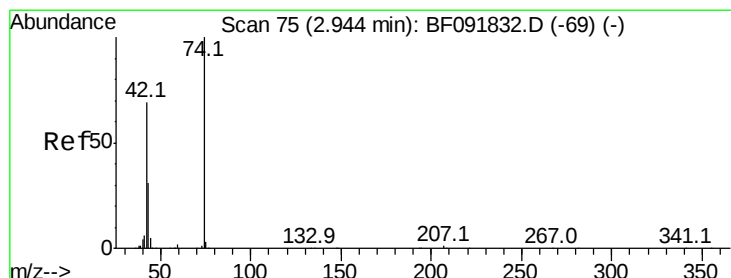
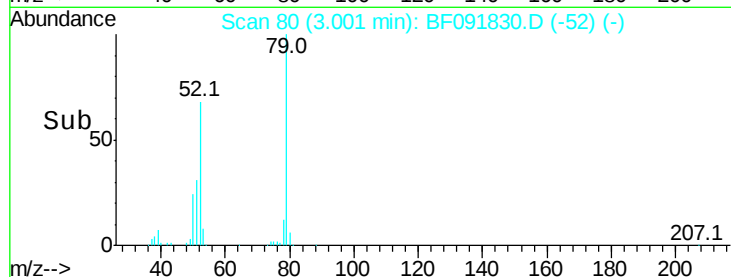
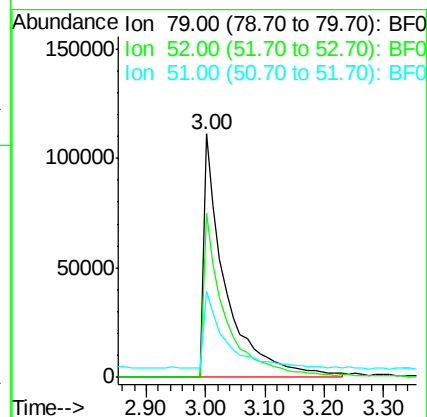
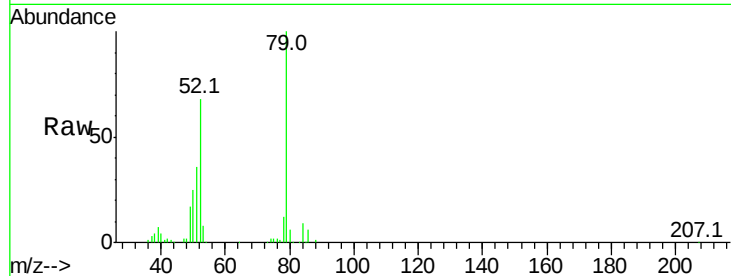
SSTDICC010

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.6	57.1	85.7
51	35.6	27.3	40.9

Manual Integrations
APPROVED

sohil
12/22/2016 7:11:19 PM

PM



#4

n-Nitrosodimethylamine

Concen: 11.23 ng

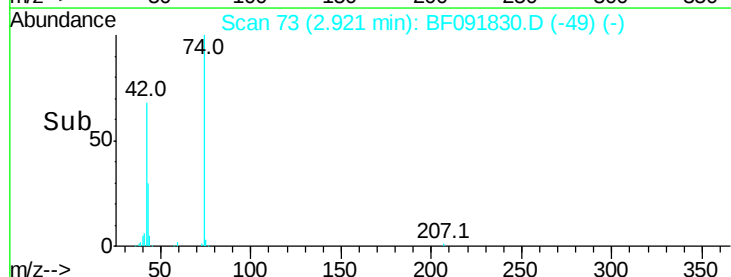
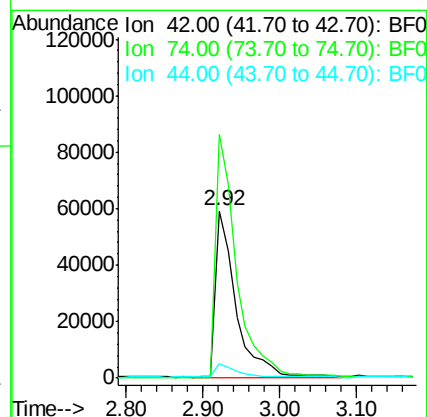
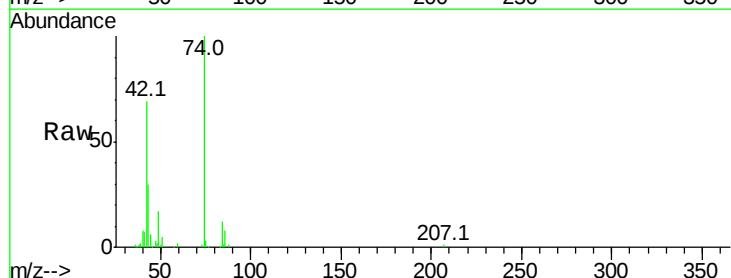
RT: 2.92 min Scan# 73

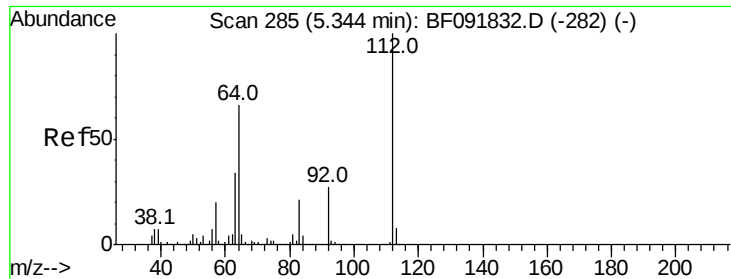
Delta R.T. -0.02 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	145.7	117.0	175.4
44	8.4	5.5	8.3#





#5

2-Fluorophenol

Concen: 22.68 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.00 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

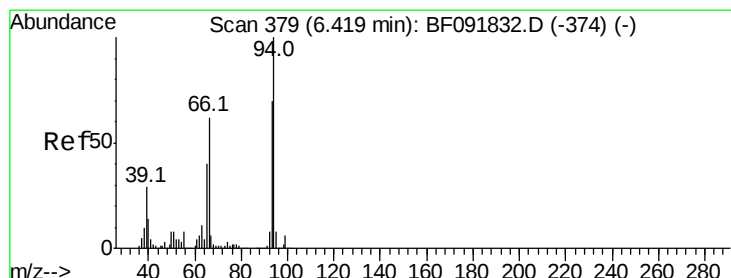
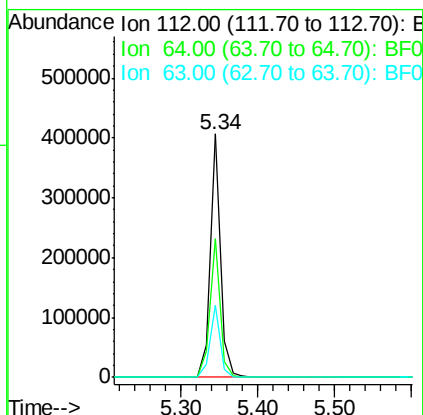
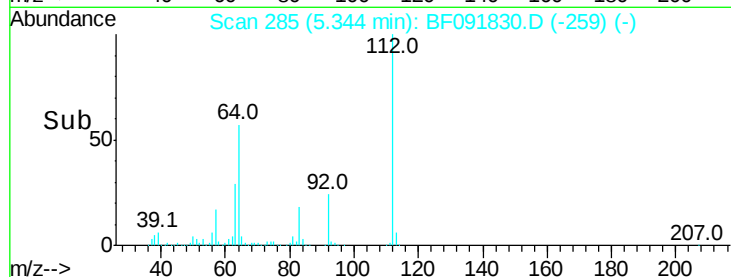
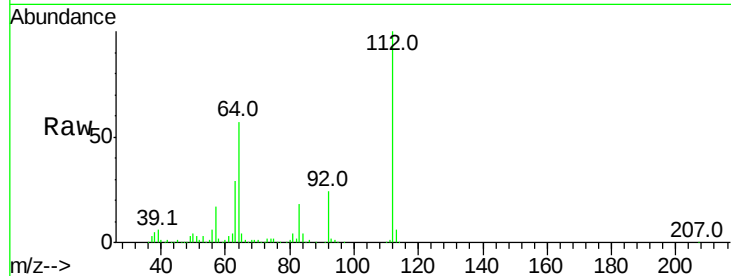
SSTDICC010

Tot Ion:	112	Resp:	369521
Ion Ratio	Lower	Upper	
112	100		
64	57.0	46.1	69.1
63	29.5	23.8	35.6

Manual Integrations
APPROVED

sohil
12/22/2016 7:11:19 PM

PM



#6

Aniline

Concen: 11.55 ng

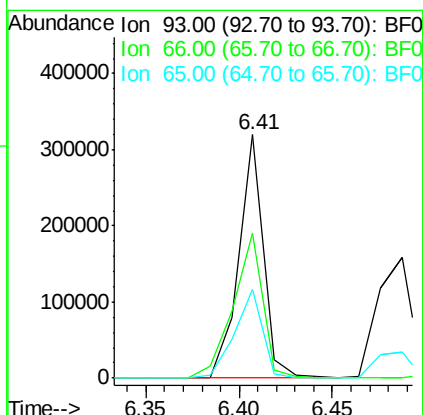
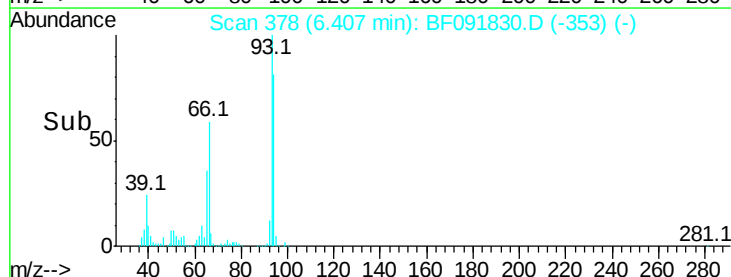
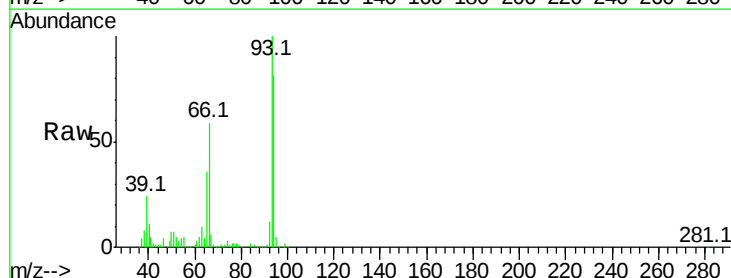
RT: 6.41 min Scan# 378

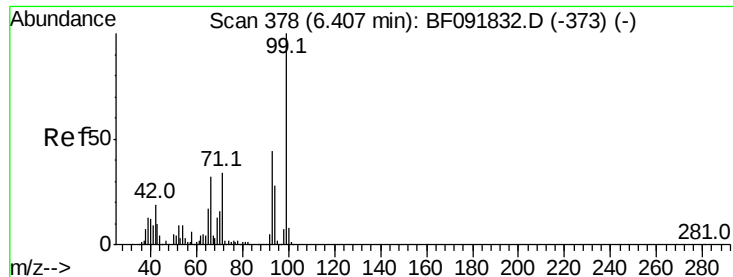
Delta R.T. -0.01 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Tgt Ion:	93	Resp:	295352
Ion Ratio	Lower	Upper	
93	100		
66	59.3	76.2	114.2#
65	36.5	49.3	73.9#





#7

Phenol-d6

Concen: 23.05 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

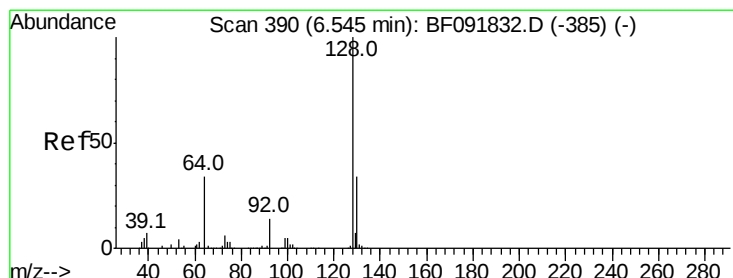
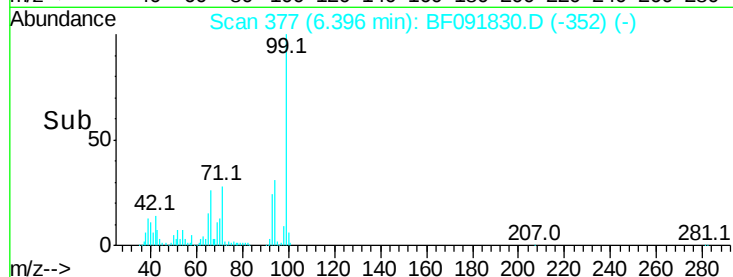
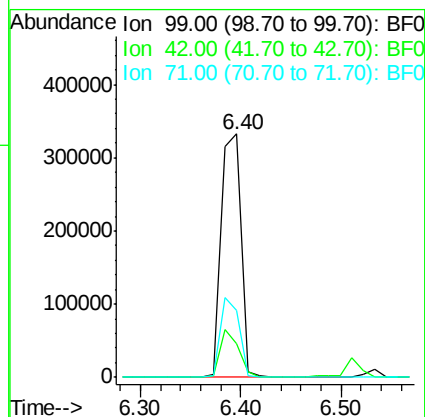
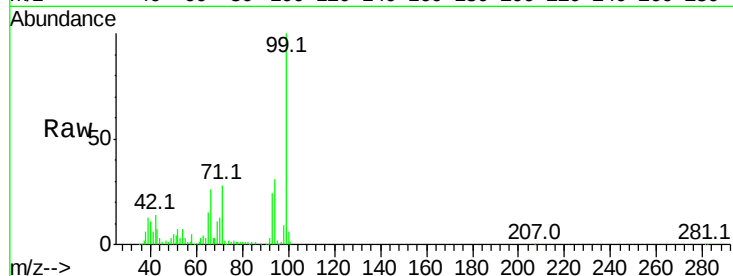
Tot Ion: 99 Resp: 457968

Ion	Ratio	Lower	Upper
99	100		
42	14.0	15.6	23.4#
71	27.7	27.5	41.3

Manual Integrations
APPROVED

sohil
12/22/2016 7:11:19 PM

PM



#8

2-Chlorophenol

Concen: 11.76 ng

RT: 6.53 min Scan# 389

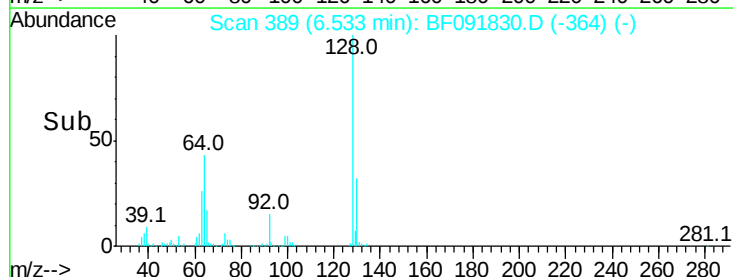
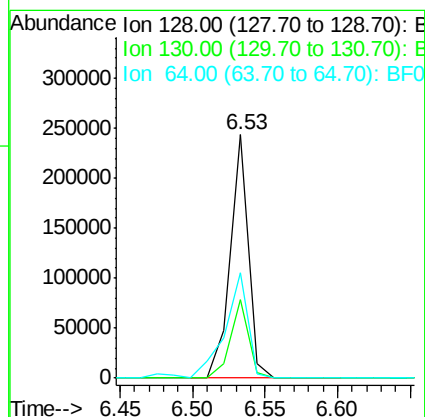
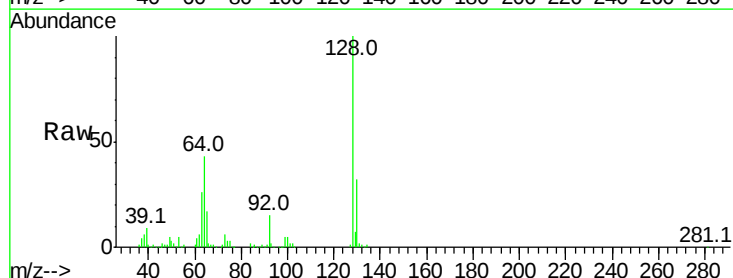
Delta R.T. -0.01 min

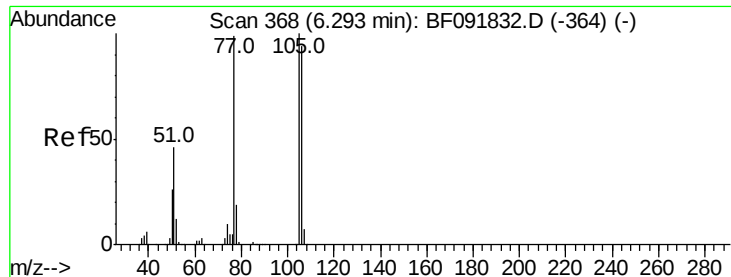
Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Tgt Ion: 128 Resp: 210803

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.3	52.3
64	43.1	32.2	72.2





#9

Benzaldehyde

Concen: 12.20 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

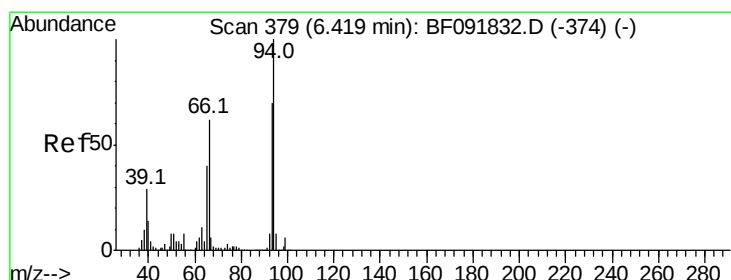
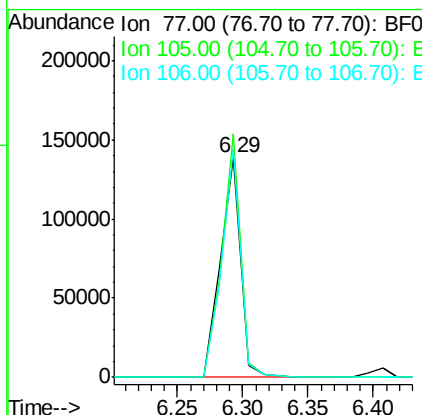
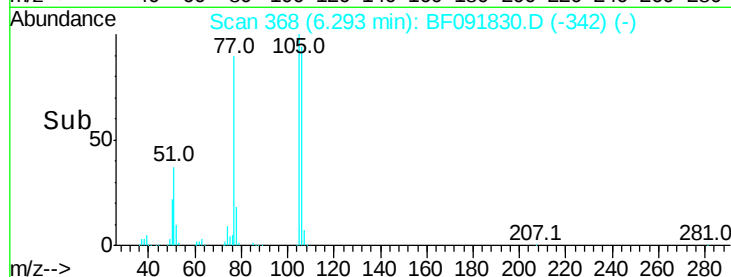
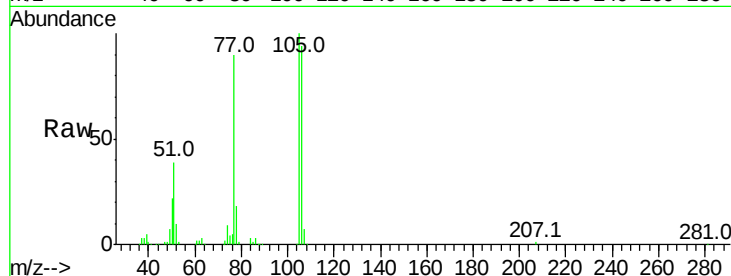
SSTDIC010

Tot Ion:	77	Resp:	150322
Ion Ratio	Lower	Upper	
77	100		
105	110.7	83.9	123.9
106	103.5	77.6	117.6

Manual Integrations
APPROVED

sohil
12/22/2016 7:11:19 PM

PM



#10

Phenol

Concen: 11.66 ng

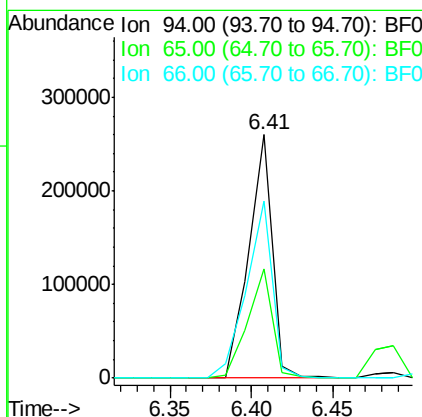
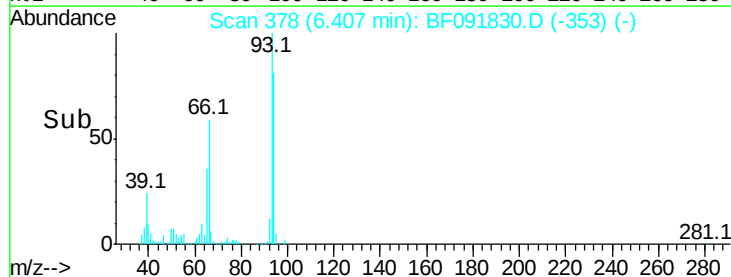
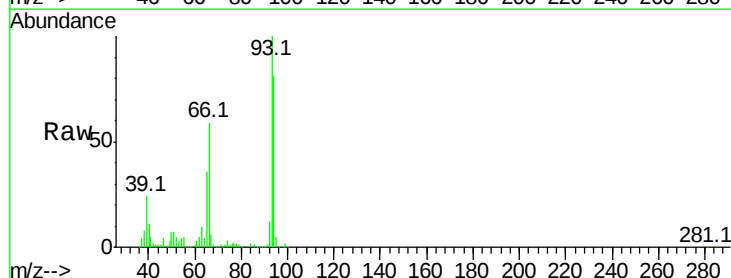
RT: 6.41 min Scan# 378

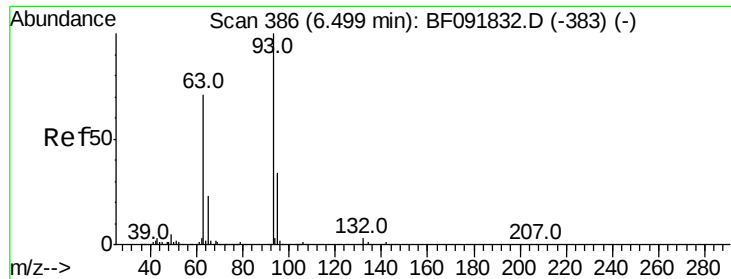
Delta R.T. -0.01 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Tgt Ion:	94	Resp:	261067
Ion Ratio	Lower	Upper	
94	100		
65	44.9	21.4	61.4
66	73.0	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 10.73 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

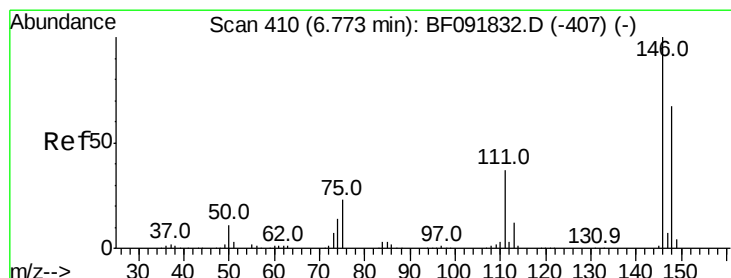
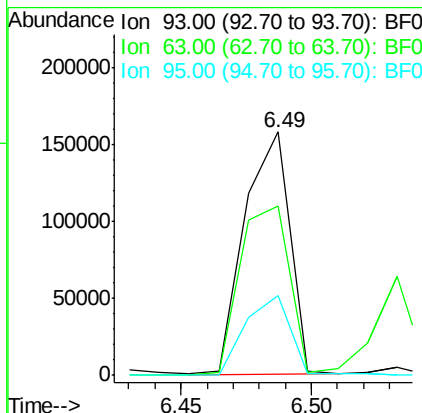
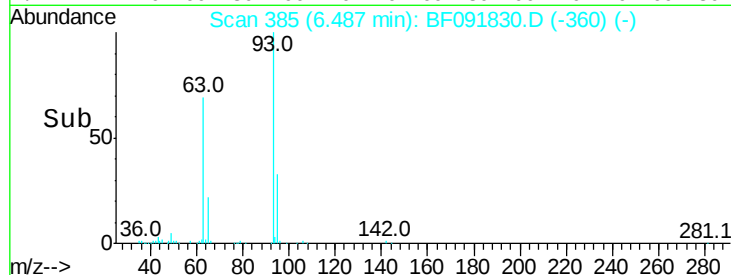
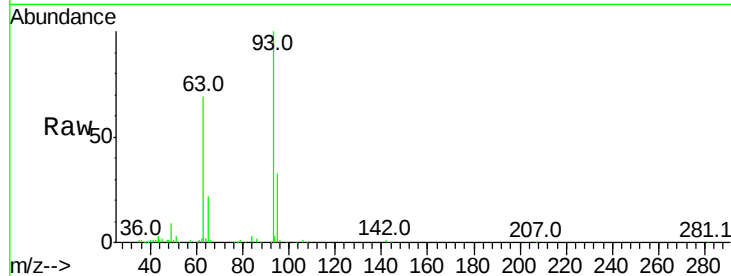
SSTDICC010

Tot Ion:	93	Resp:	191944
Ion	Ratio	Lower	Upper
93	100		
63	69.3	60.4	100.4
95	33.0	12.8	52.8

Manual Integrations
APPROVED

sohil
12/22/2016 7:11:19 PM

PM



#12

1,3-Dichlorobenzene

Concen: 10.78 ng m

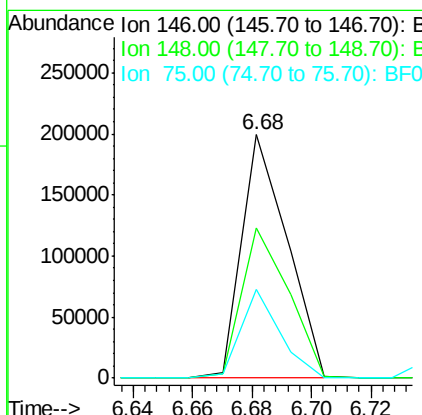
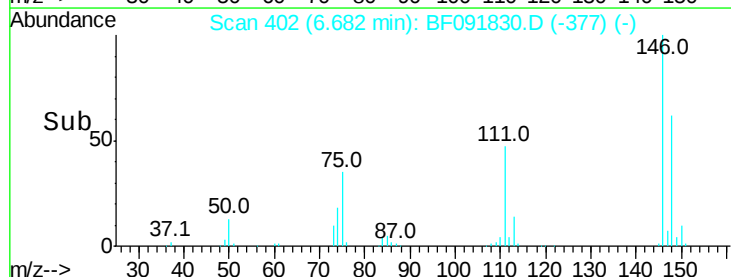
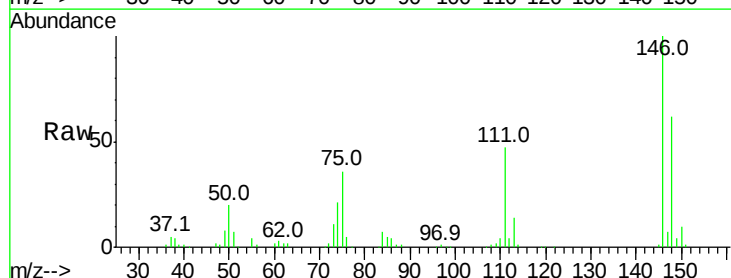
RT: 6.68 min Scan# 402

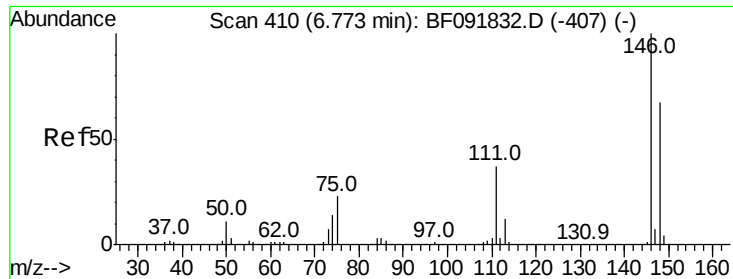
Delta R.T. -0.01 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Tgt Ion:	146	Resp:	212386
Ion	Ratio	Lower	Upper
146	100		
148	61.7	53.4	80.0
75	36.3	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 10.87 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

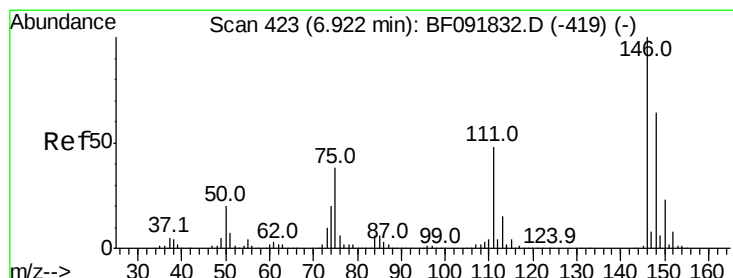
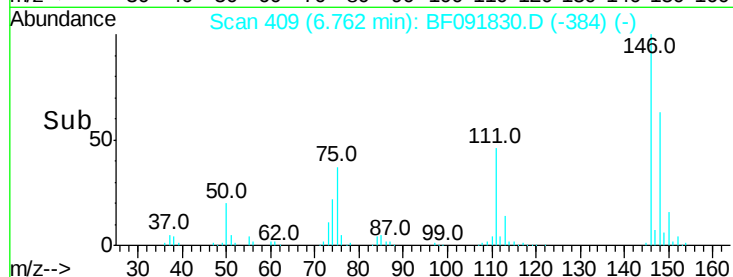
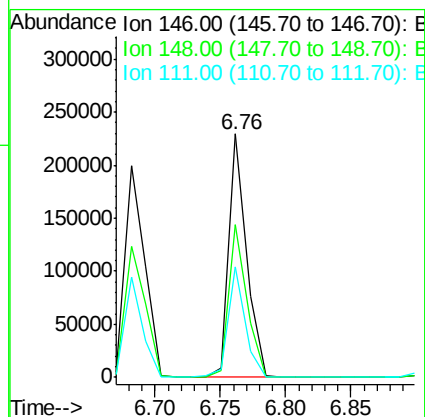
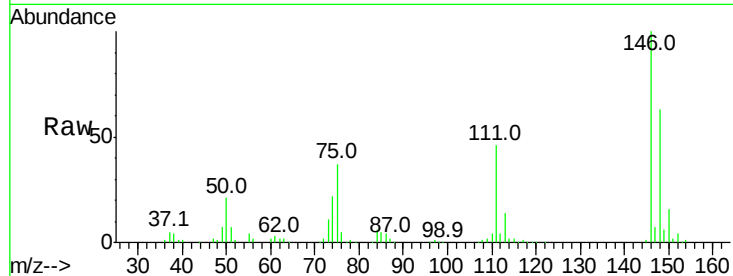
SSTDIC010

Tot Ion:	146	Resp:	216644
Ion Ratio	Lower	Upper	
146	100		
148	62.9	50.6	76.0
111	45.5	36.2	54.4

Manual Integrations
APPROVED

sohil
12/22/2016 7:11:19 PM

PM



#14

1,2-Dichlorobenzene

Concen: 12.02 ng

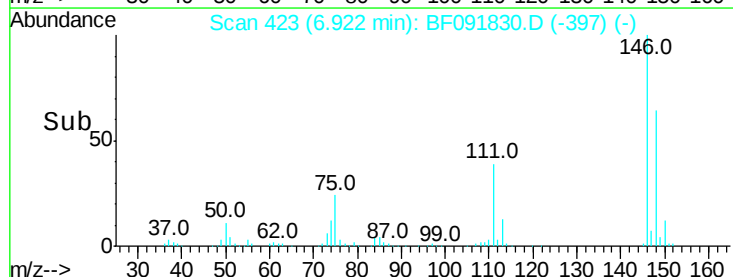
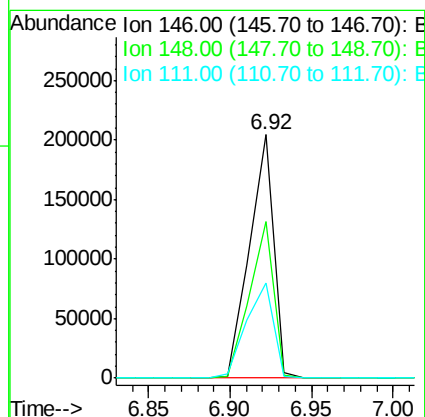
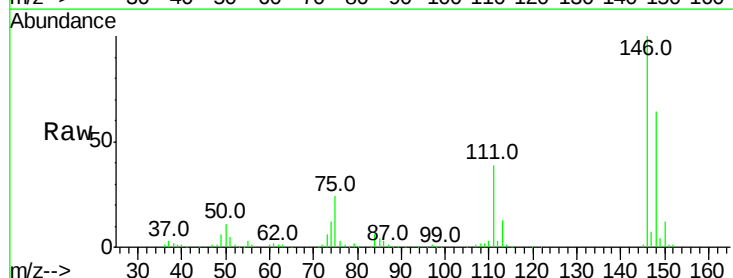
RT: 6.92 min Scan# 423

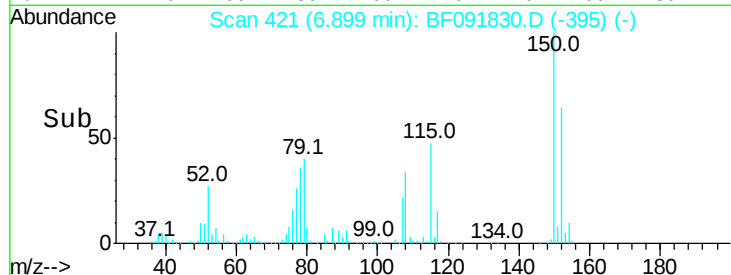
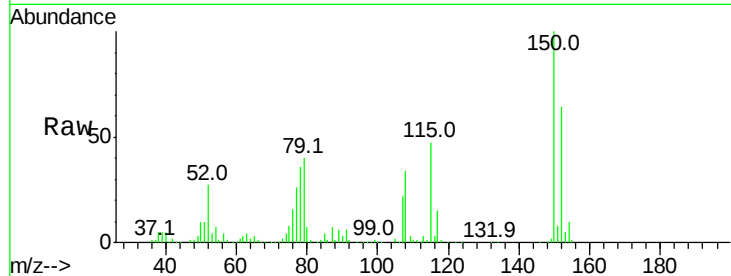
Delta R.T. -0.00 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Tgt Ion:	146	Resp:	209754
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.2	78.2
111	38.8	36.2	54.2





#15

Benzyl Alcohol

Concen: 11.18 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Tot Ion:	79	Resp:	171963
Ion Ratio	Lower	Upper	
79	100		
108	84.8	61.4	92.0
77	64.8	50.9	76.3

Instrument :

BNA_F

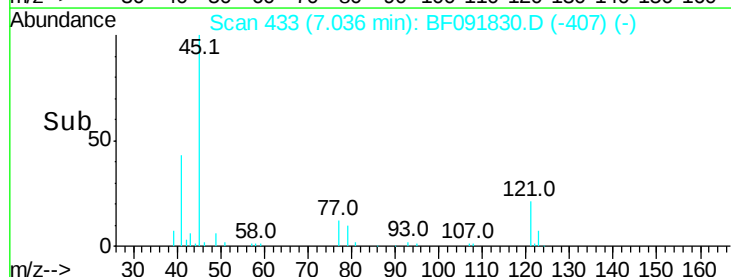
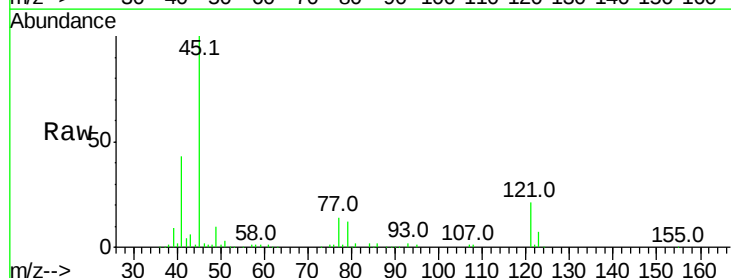
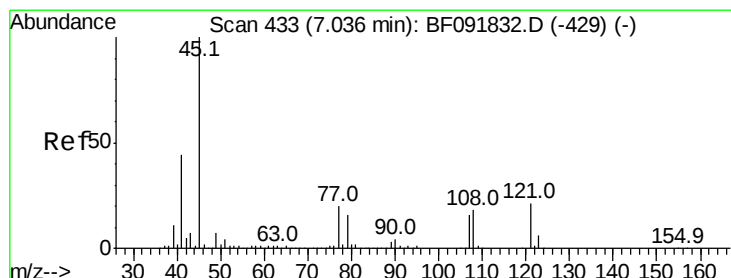
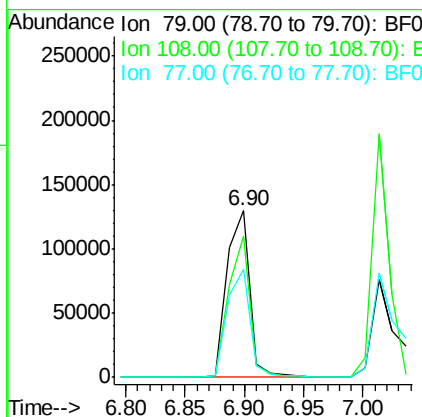
ClientSampled :

SSTDIC010

Manual Integrations
APPROVED

sohil
12/22/2016 7:11:19 PM

PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.88 ng

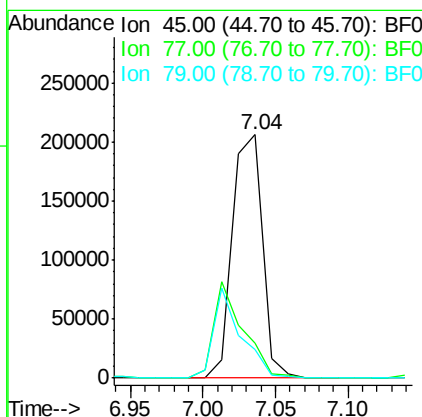
RT: 7.04 min Scan# 433

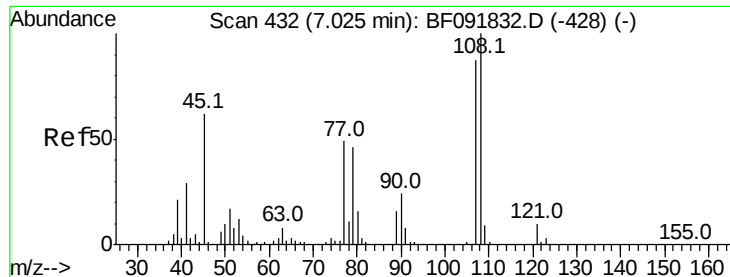
Delta R.T. -0.00 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Tgt Ion:	45	Resp:	297480
Ion Ratio	Lower	Upper	
45	100		
77	14.5	0.0	34.6
79	12.0	0.0	31.2





#17
2-Methylphenol
Concen: 10.95 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF091830.D
Acq: 21 Dec 2016 12:43

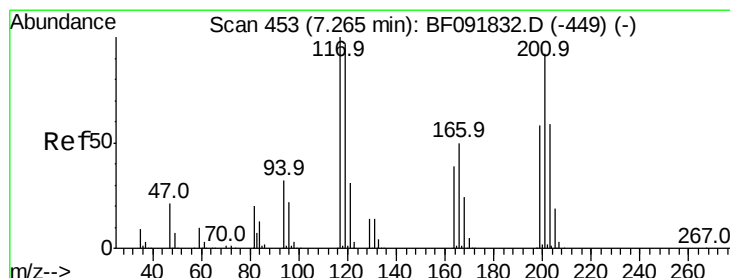
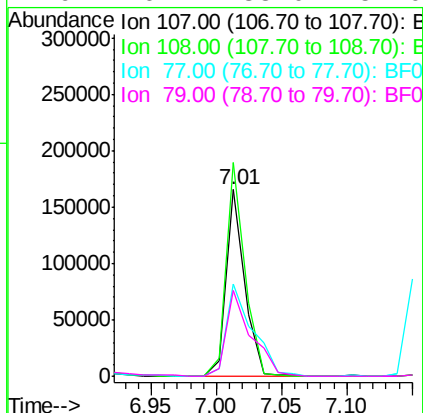
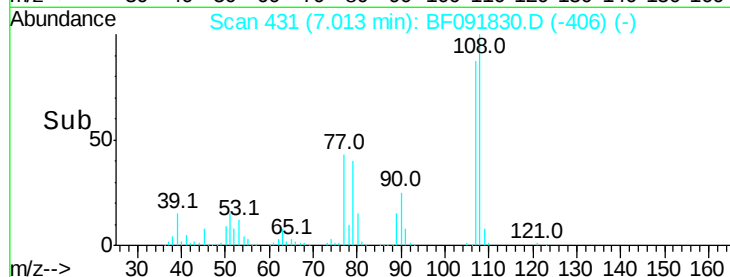
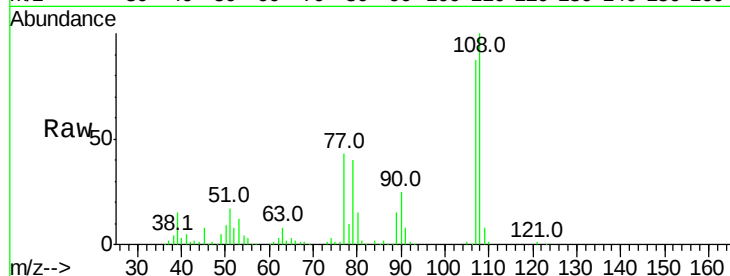
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.5	93.0	139.6	
77	49.3	39.8	59.8	
79	46.1	38.0	57.0	

Manual Integrations
APPROVED

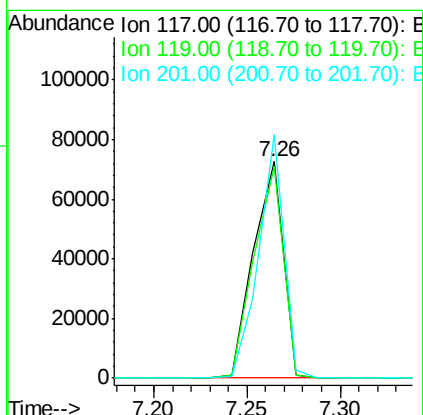
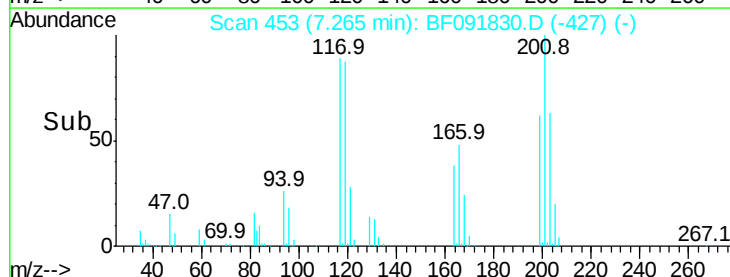
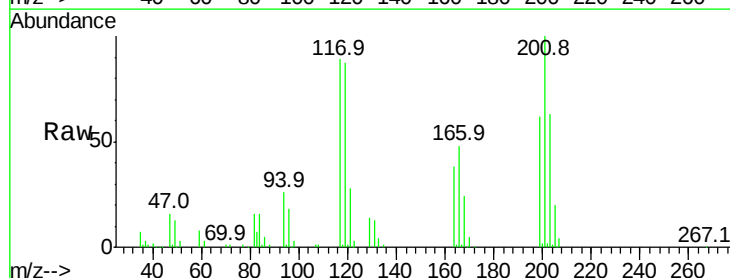
sohil
12/22/2016 7:11:19 PM

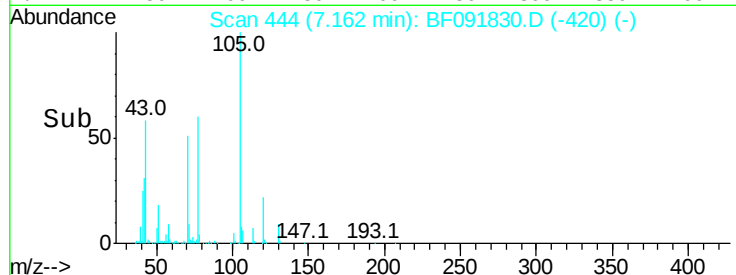
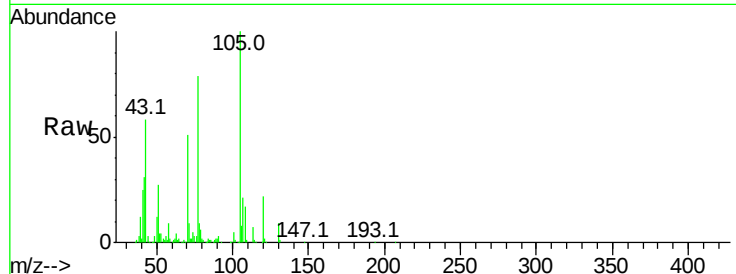
PM



#18
Hexachloroethane
Concen: 10.77 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF091830.D
Acq: 21 Dec 2016 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.8	78.1	117.1	
201	112.6	78.6	117.8	





#19

n-Nitroso-di-n-propylamine

Concen: 11.08 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

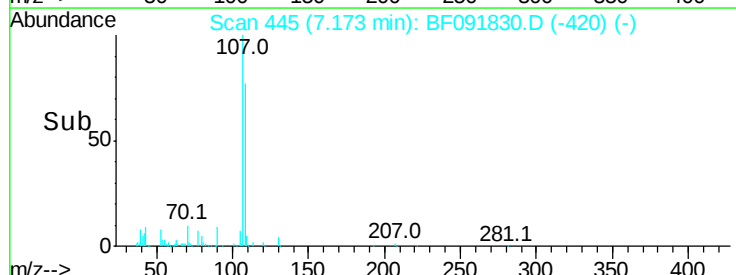
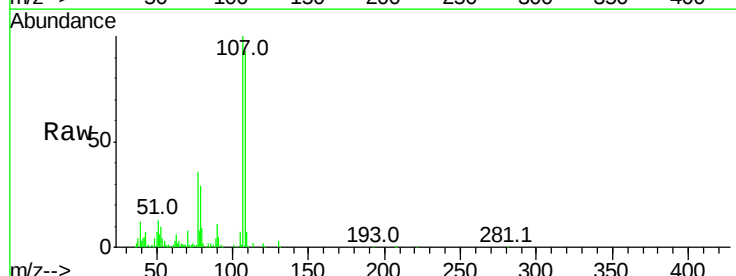
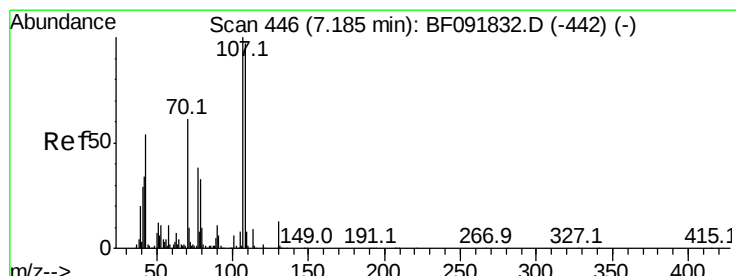
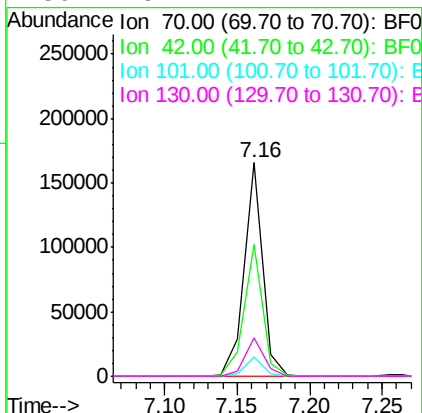
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	61.6	49.4	74.0		
101	9.2	7.4	11.2		
130	18.2	14.2	21.4		

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Manual Integrations
APPROVED

sohil
12/22/2016 7:11:19 PM

PM



#20

3+4-Methylphenols

Concen: 13.10 ng

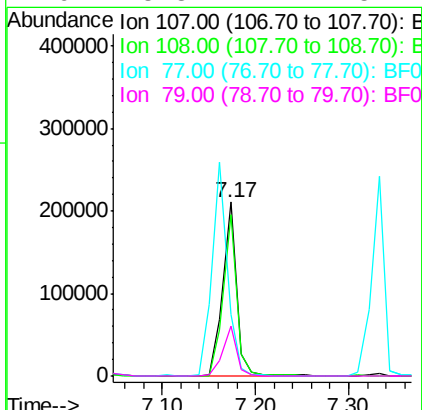
RT: 7.17 min Scan# 445

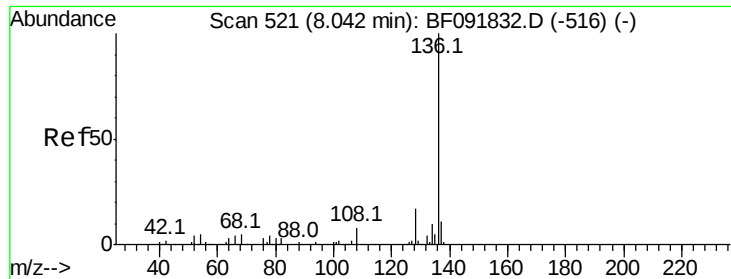
Delta R.T. -0.01 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.6	73.0	113.0		
77	35.7	71.3	111.3#		
79	28.8	11.1	51.1		





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091830.D
Acq: 21 Dec 2016 12:43

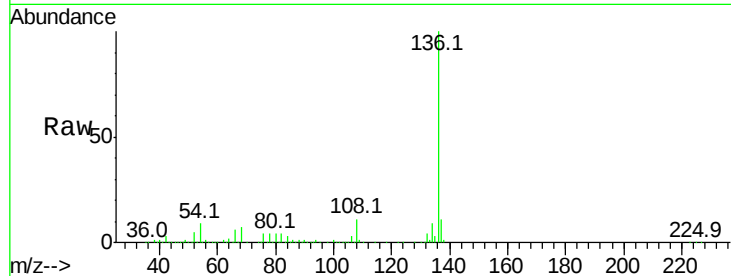
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	9.2	4.5	6.7#
68	7.3	3.6	5.4#

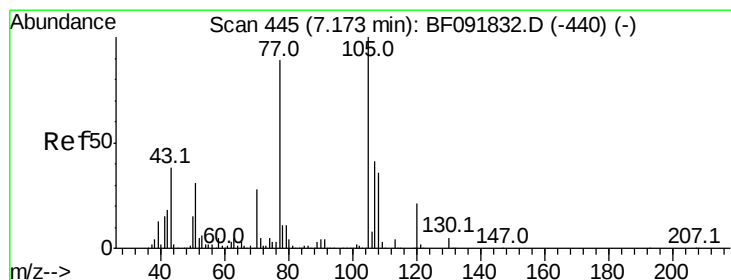
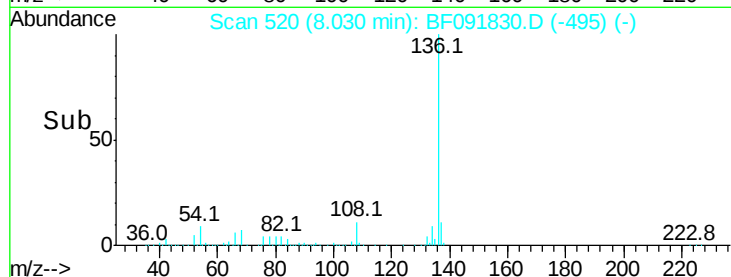
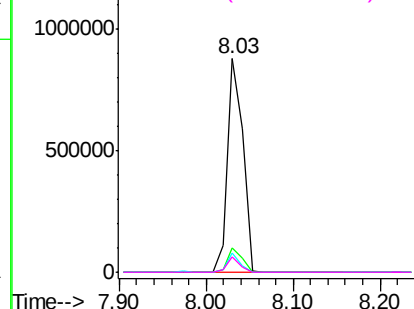
Manual Integrations
APPROVED

sohil
12/22/2016 7:11:19 PM

PM



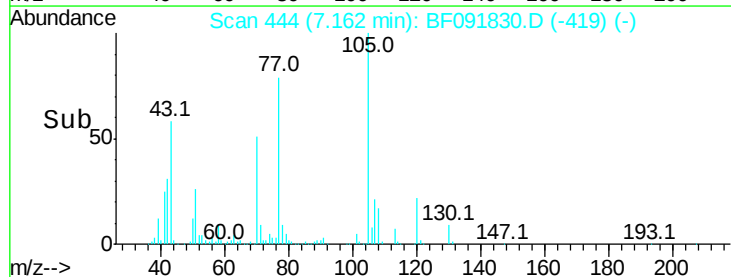
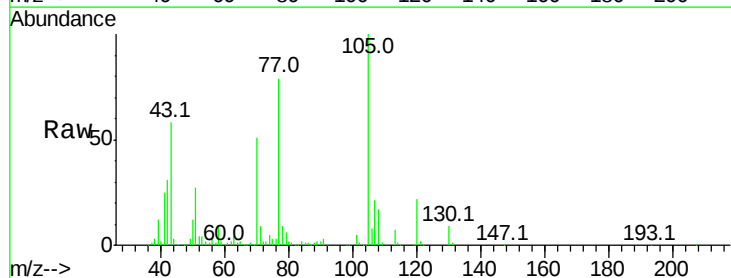
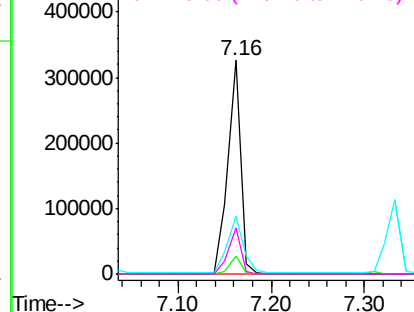
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

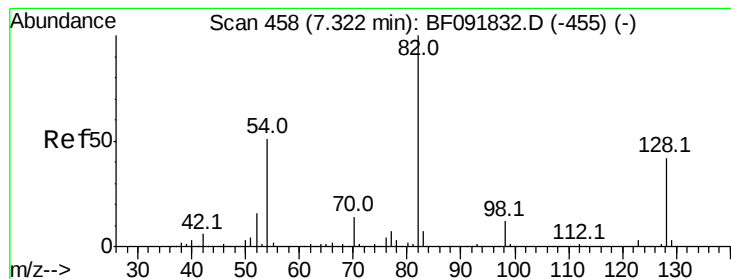


#22
Acetophenone
Concen: 11.82 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF091830.D
Acq: 21 Dec 2016 12:43

Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.5	3.2	4.8#
51	26.9	26.2	39.4
120	21.6	16.6	24.8

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 22.15 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

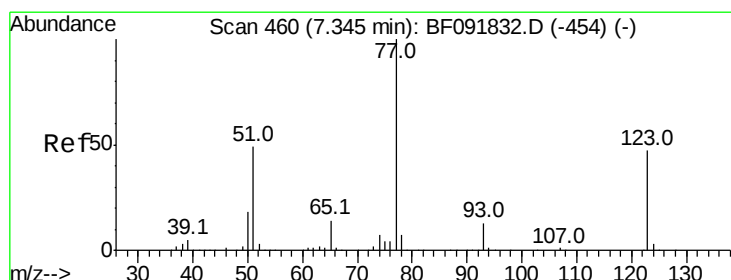
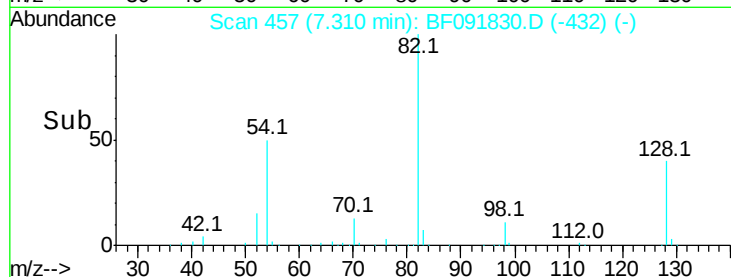
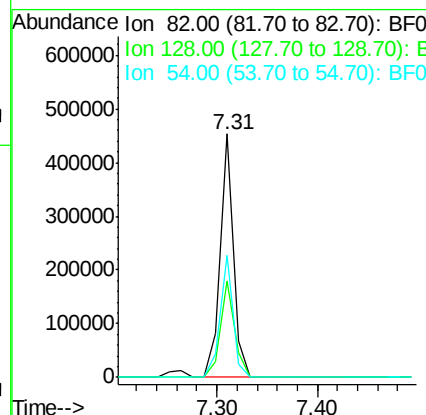
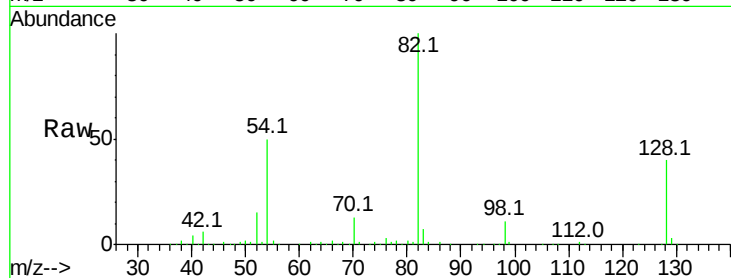
SSTDIC010

Tot Ion:	82	Resp:	418433
Ion Ratio	Lower	Upper	
82	100		
128	39.7	34.6	52.0
54	50.0	39.5	59.3

Manual Integrations
APPROVED

sohil
12/22/2016 7:11:19 PM

PM



#24

Nitrobenzene

Concen: 11.44 ng

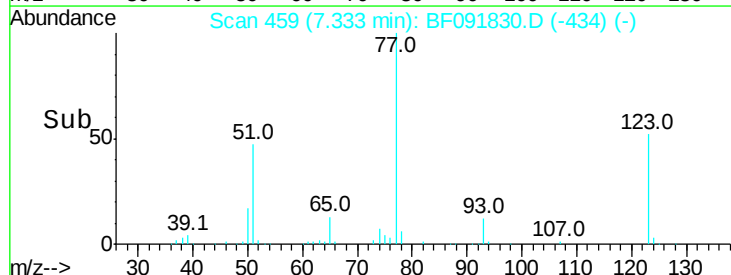
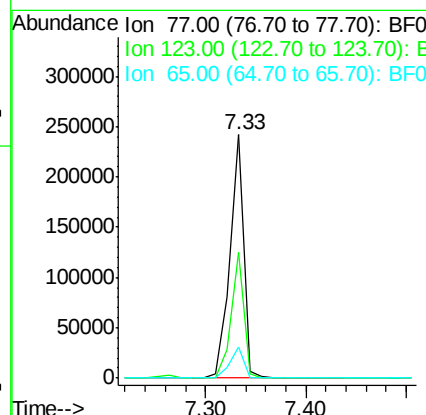
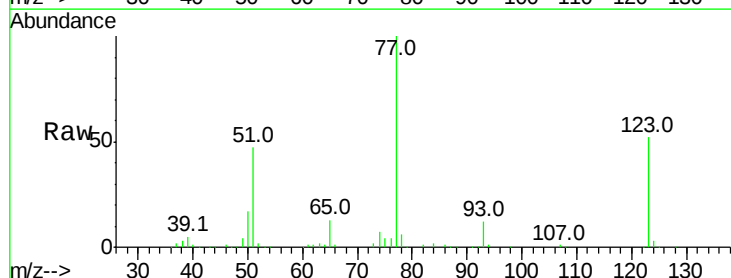
RT: 7.33 min Scan# 459

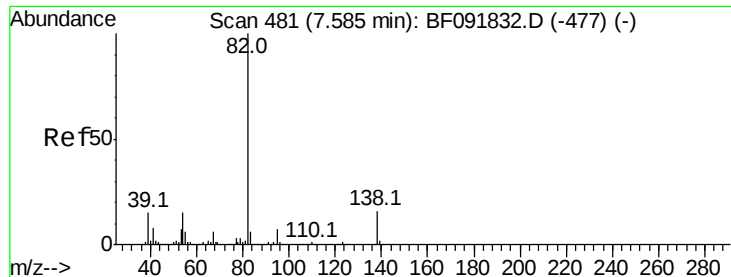
Delta R.T. -0.01 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Tgt Ion:	77	Resp:	232052
Ion Ratio	Lower	Upper	
77	100		
123	51.7	33.0	49.4#
65	12.8	11.2	16.8





#25

Isophorone

Concen: 11.11 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tot Ion: 82 Resp: 400636

Ion Ratio Lower Upper

82 100

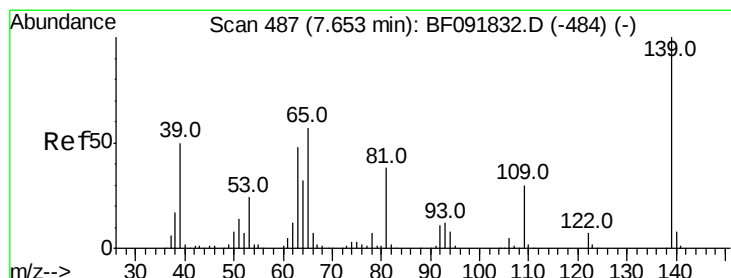
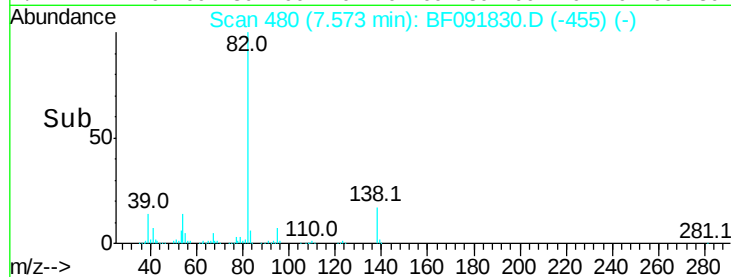
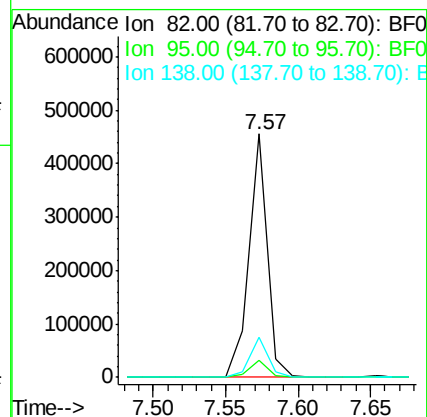
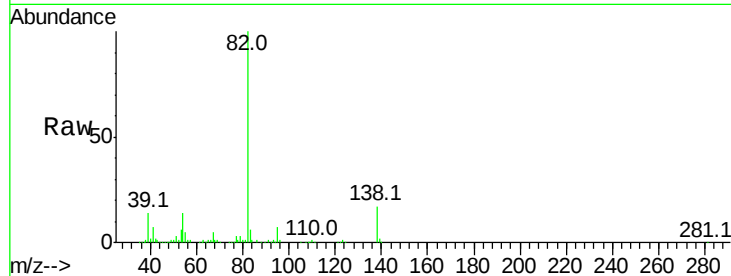
95 6.8 5.6 8.4

138 16.5 14.6 22.0

Manual Integrations
APPROVED

sohil
12/22/2016 7:11:19 PM

PM



#26

2-Nitrophenol

Concen: 11.82 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

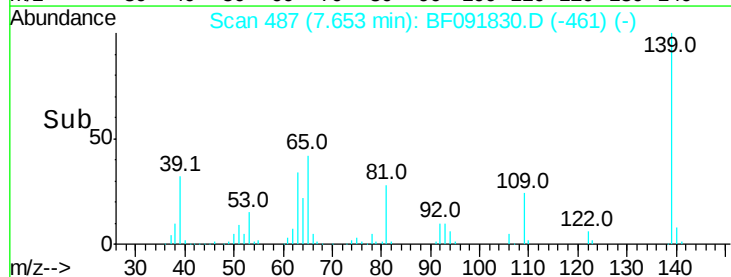
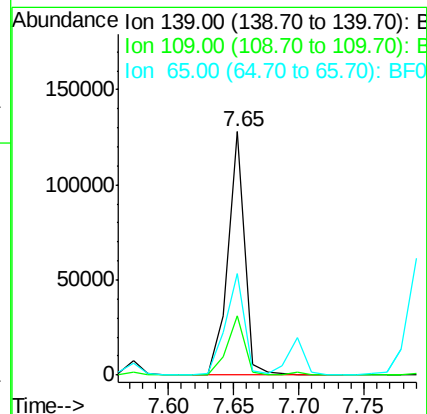
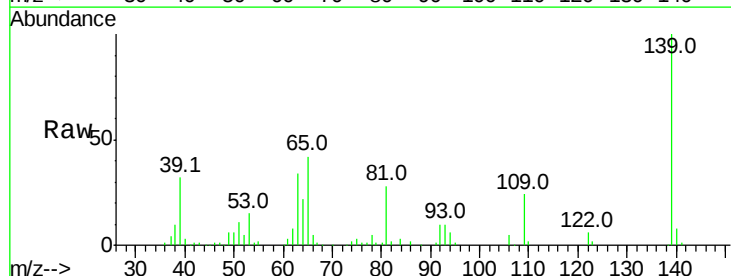
Tgt Ion: 139 Resp: 115729

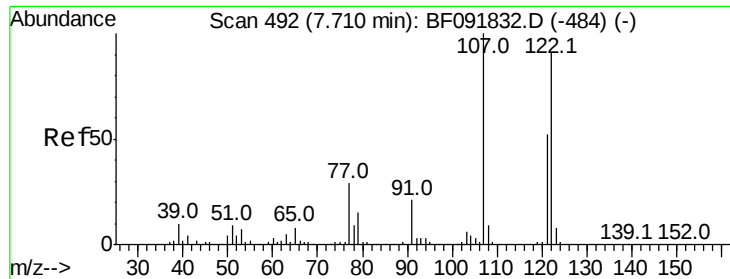
Ion Ratio Lower Upper

139 100

109 24.4 23.3 34.9

65 41.9 42.7 64.1#





#27
 2,4-Dimethylphenol
 Concen: 11.91 ng
 RT: 7.70 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF091830.D
 Acq: 21 Dec 2016 12:43

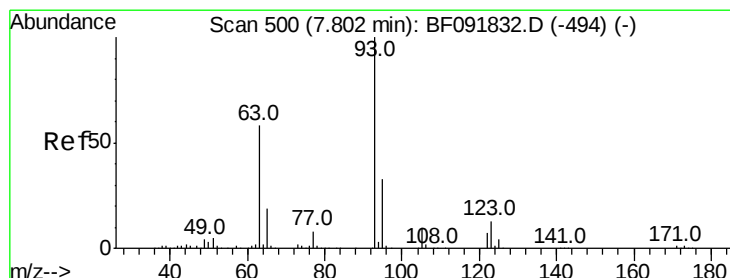
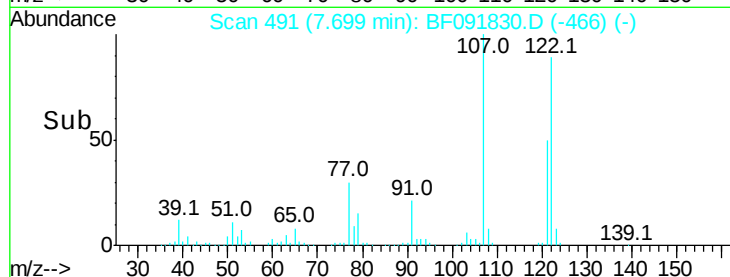
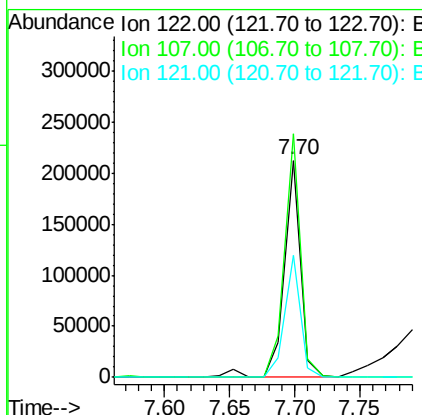
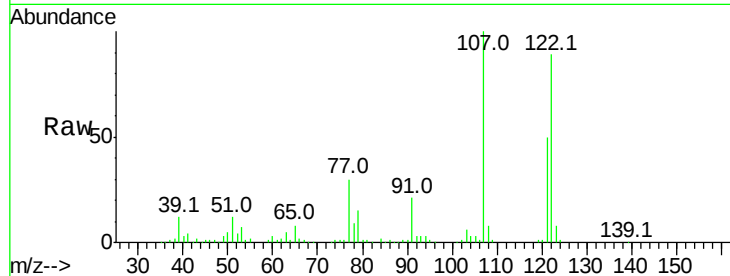
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.3	94.1	141.1
121	56.0	46.0	69.0

Manual Integrations
 APPROVED

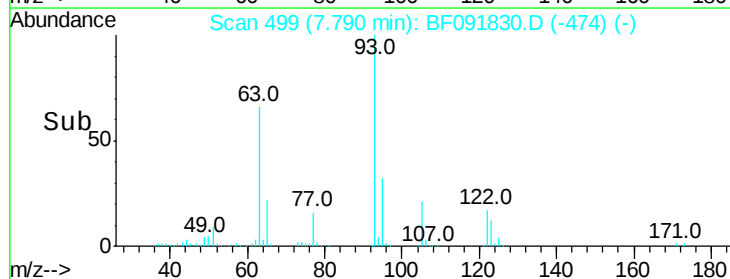
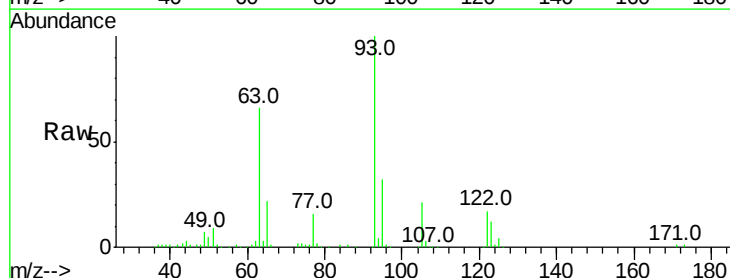
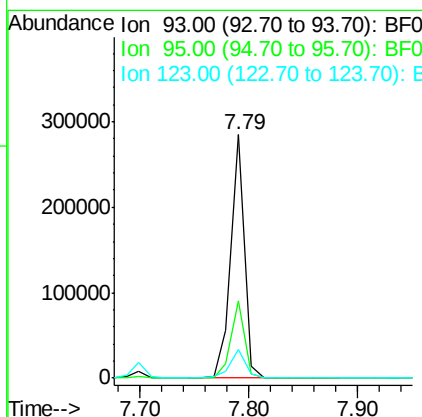
sohil
 12/22/2016 7:11:19 PM

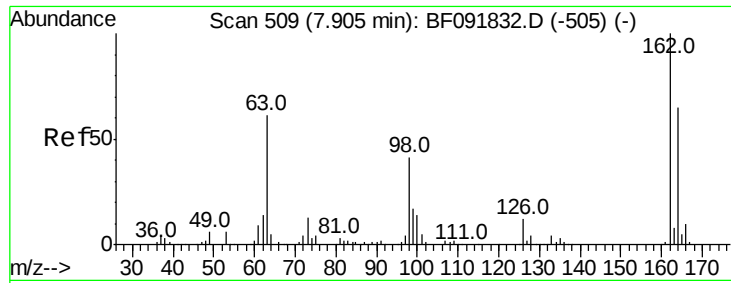
PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 11.72 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF091830.D
 Acq: 21 Dec 2016 12:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.5	39.7
123	11.8	8.6	13.0





#29
 2,4-Dichlorophenol
 Concen: 10.71 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.01 min
 Lab File: BF091830.D
 Acq: 21 Dec 2016 12:43

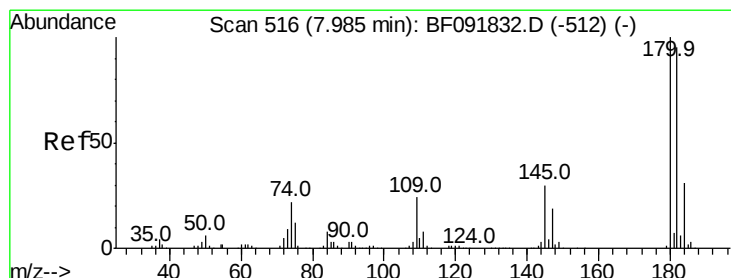
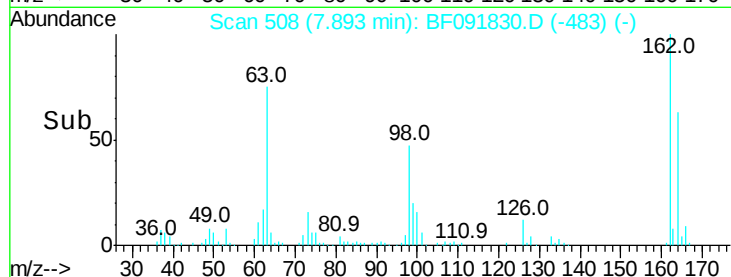
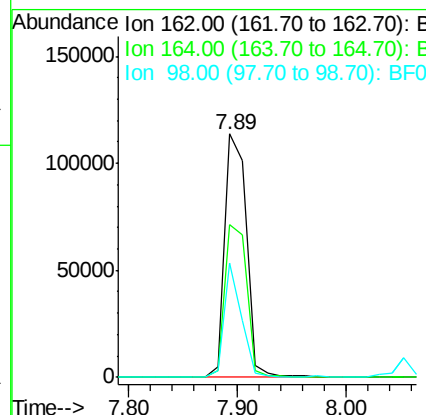
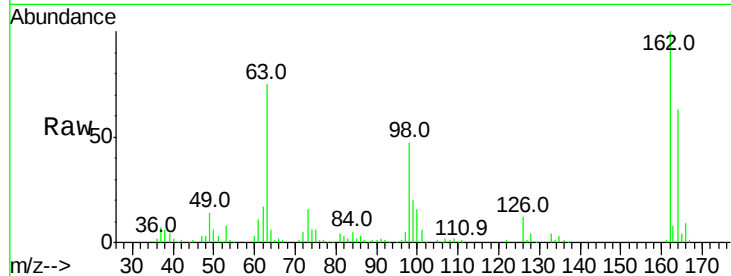
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.9	46.8	86.8
98	47.1	9.1	49.1

Manual Integrations
 APPROVED

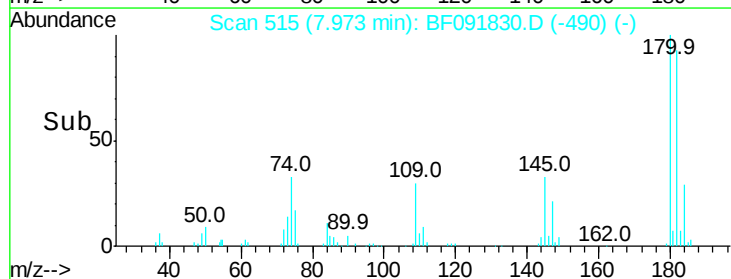
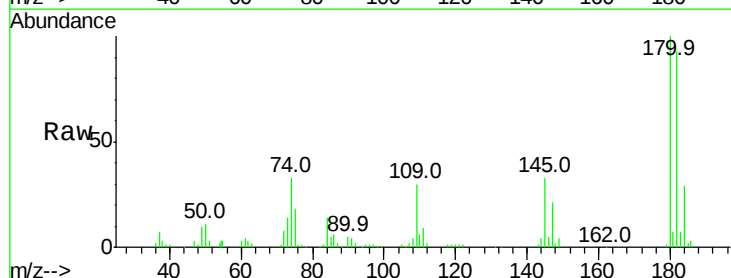
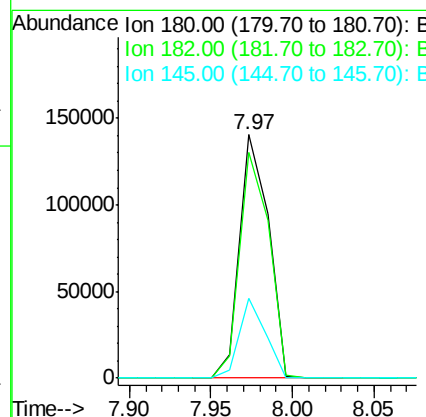
sohil
 12/22/2016 7:11:19 PM

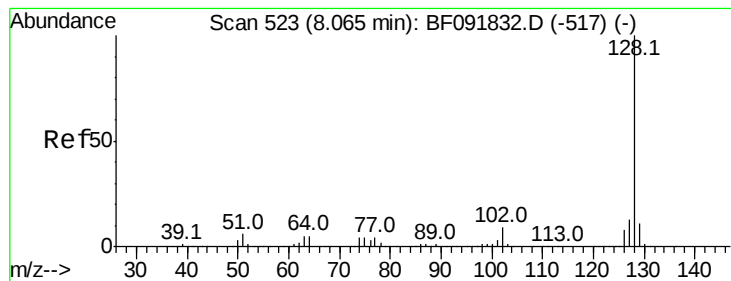
PM



#30
 1,2,4-Trichlorobenzene
 Concen: 10.78 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF091830.D
 Acq: 21 Dec 2016 12:43

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	92.9	78.2	117.4
145	32.9	21.6	32.4#





#31

Naphthalene

Concen: 11.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

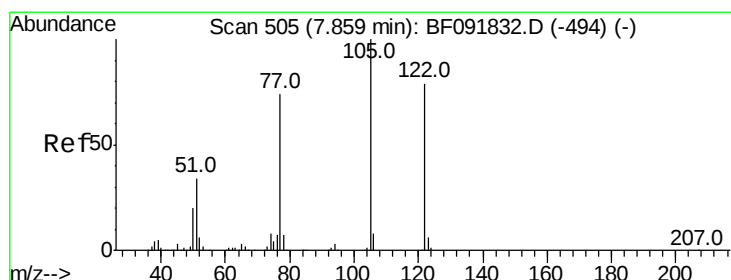
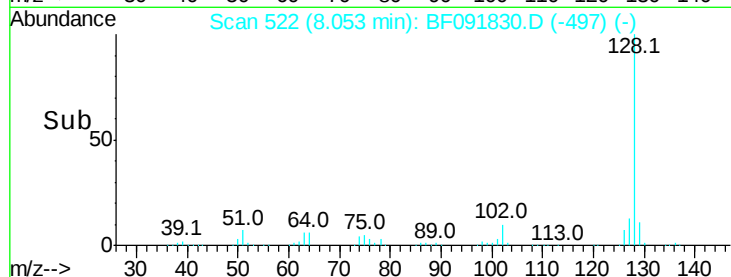
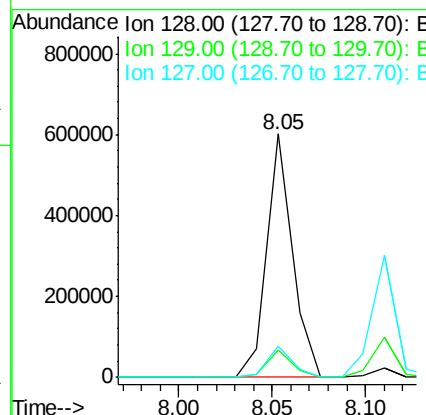
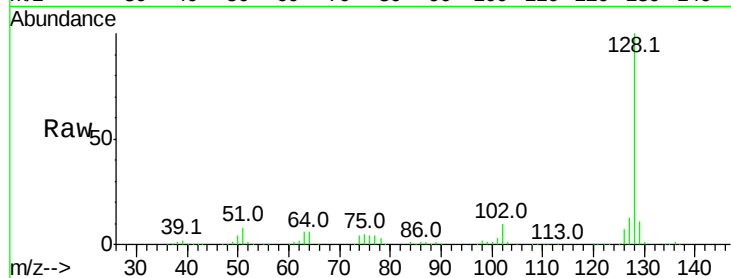
SSTDICC010

Tot Ion:	128	Resp:	572711
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.5	14.3
127	12.9	10.8	16.2

Manual Integrations
APPROVED

sohil
12/22/2016 7:11:19 PM

PM



#32

Benzoic acid

Concen: 10.34 ng

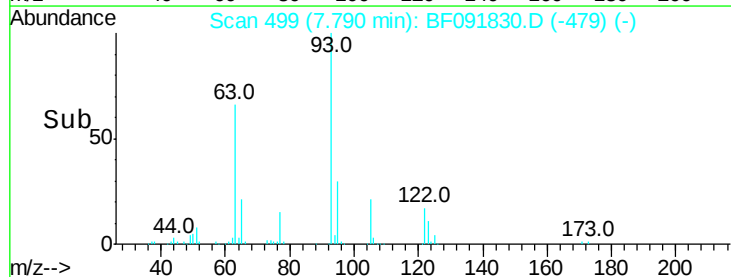
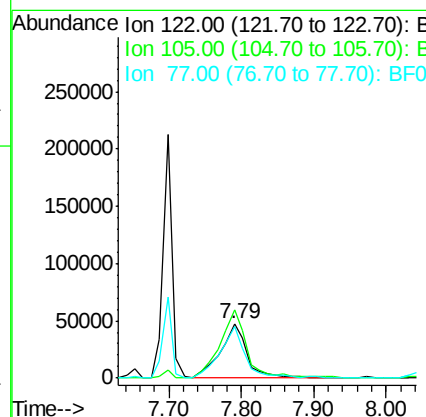
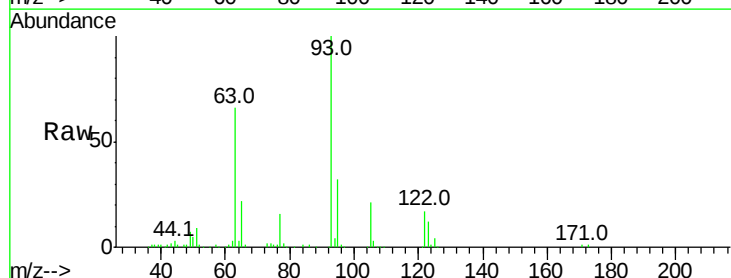
RT: 7.79 min Scan# 499

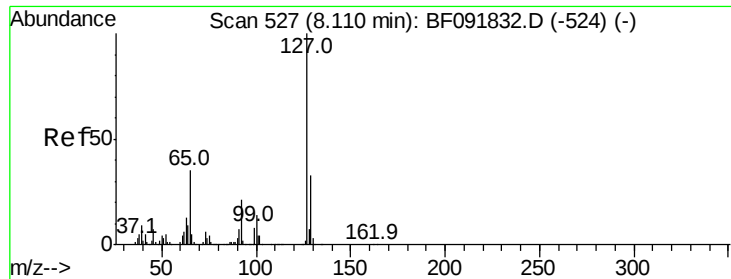
Delta R.T. -0.07 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Tgt Ion:	122	Resp:	117609
Ion Ratio	Lower	Upper	
122	100		
105	125.8	107.2	147.2
77	94.8	74.5	114.5





#33
4-Chloroaniline
Concen: 12.31 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF091830.D
Acq: 21 Dec 2016 12:43

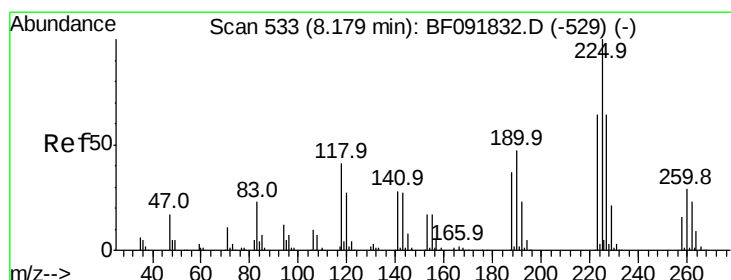
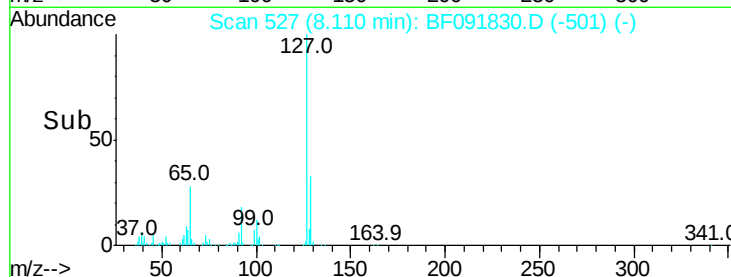
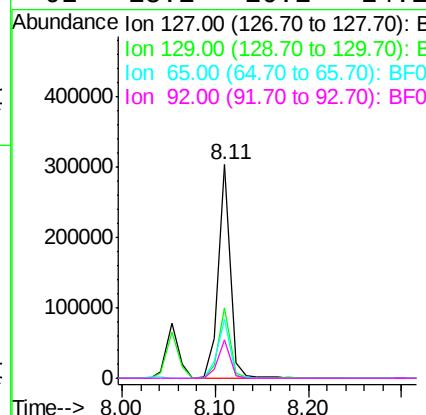
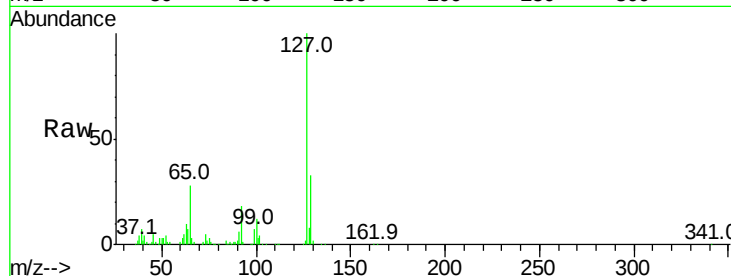
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	26.3	39.5	
65	27.7	25.8	38.8	
92	18.1	16.1	24.1	

Manual Integrations
APPROVED

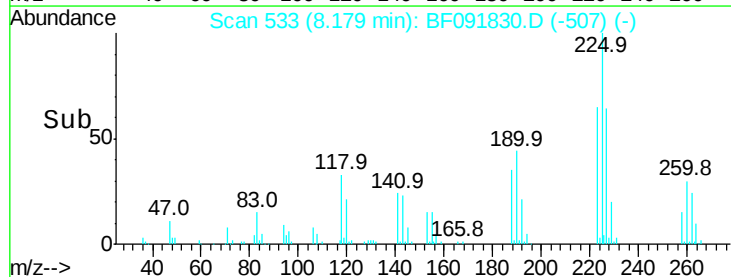
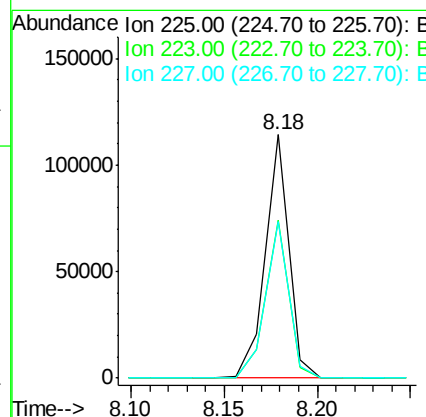
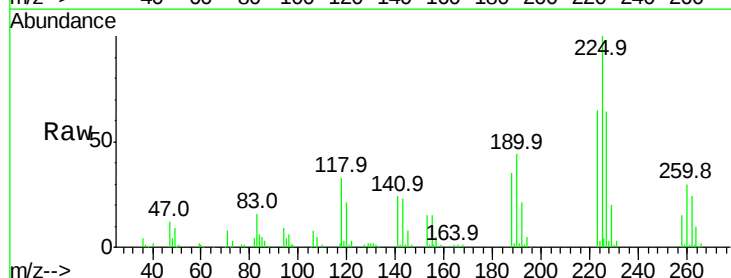
sohil
12/22/2016 7:11:19 PM

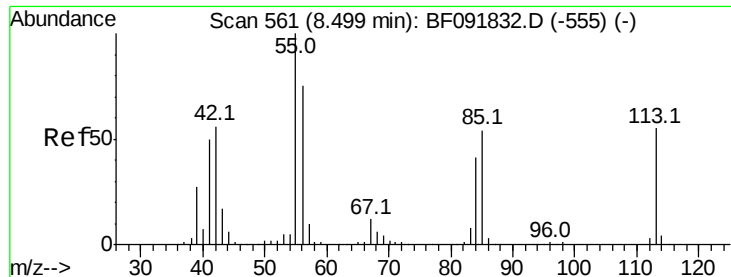
PM



#34
Hexachlorobutadiene
Concen: 11.01 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF091830.D
Acq: 21 Dec 2016 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.9	51.0	76.6	
227	64.4	50.6	76.0	





#35

Caprolactam

Concen: 9.99 ng

RT: 8.45 min Scan# 557

Delta R.T. -0.05 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tot Ion:113 Resp: 47346

Ion Ratio Lower Upper

113 100

55 187.9 119.2 159.2#

56 141.4 83.8 123.8#

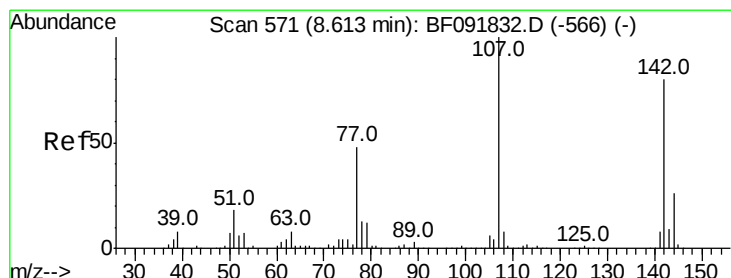
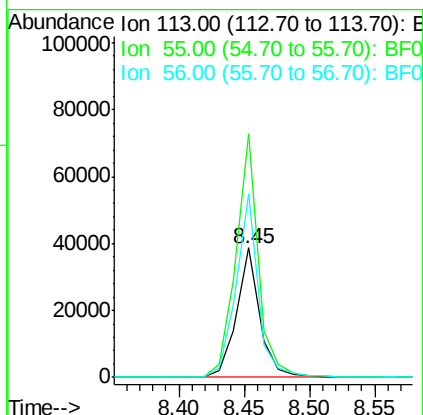
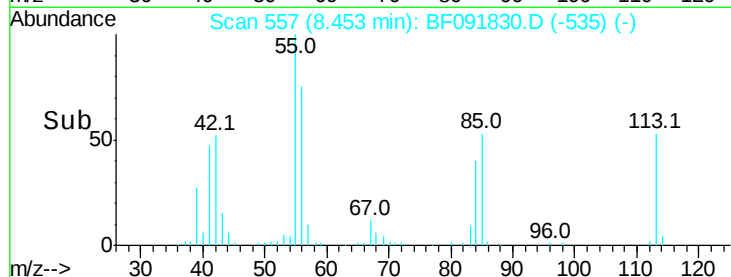
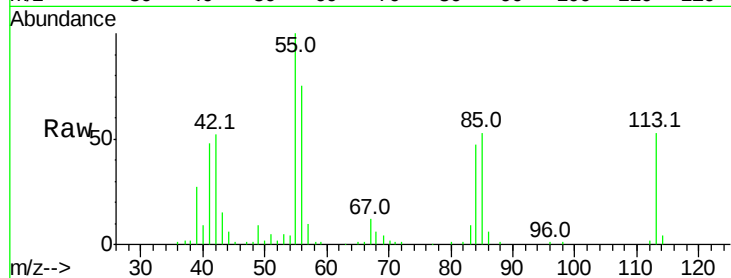
Manual Integrations

APPROVED

sohil

12/22/2016 7:11:19 PM

PM



#36

4-Chloro-3-methylphenol

Concen: 11.00 ng

RT: 8.60 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

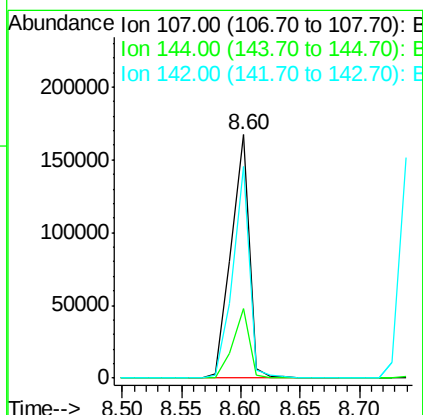
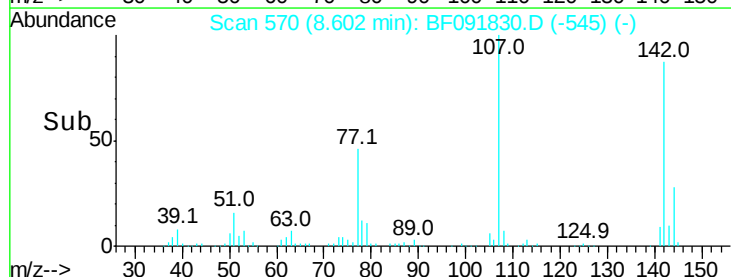
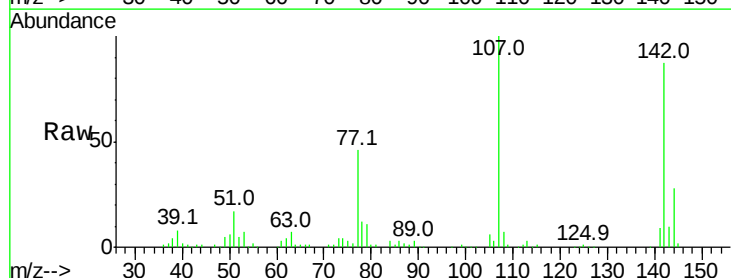
Tgt Ion:107 Resp: 178769

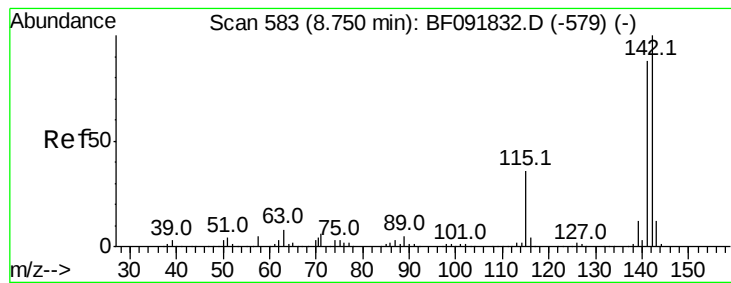
Ion Ratio Lower Upper

107 100

144 28.4 19.3 28.9

142 87.2 59.0 88.6





#37
2-Methylnaphthalene
Concen: 12.16 ng
RT: 8.75 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF091830.D
Acq: 21 Dec 2016 12:43

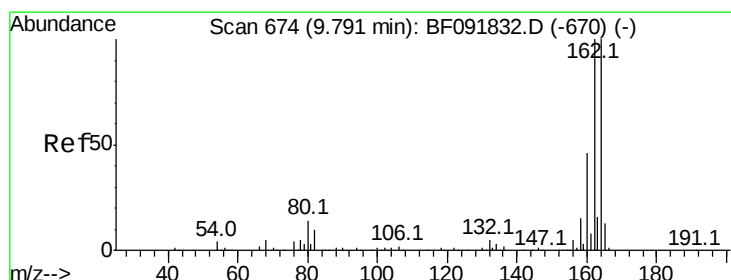
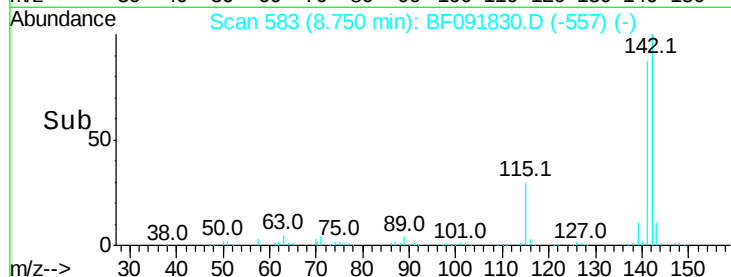
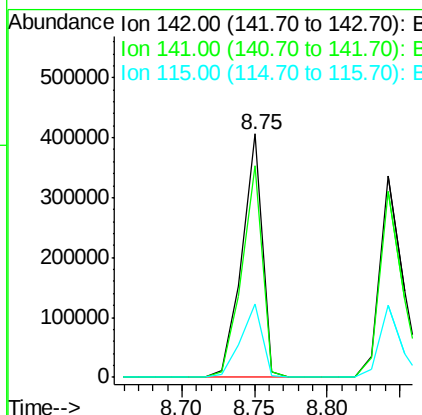
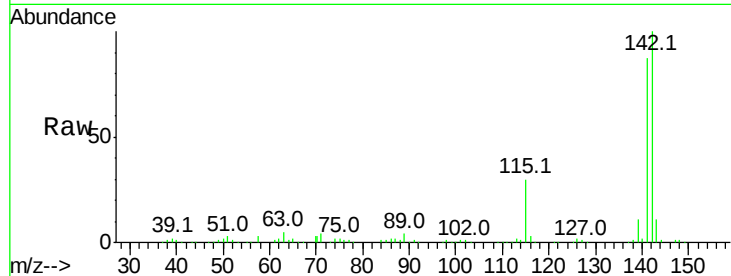
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.0	71.0	106.6
115	30.3	28.3	42.5

Manual Integrations
APPROVED

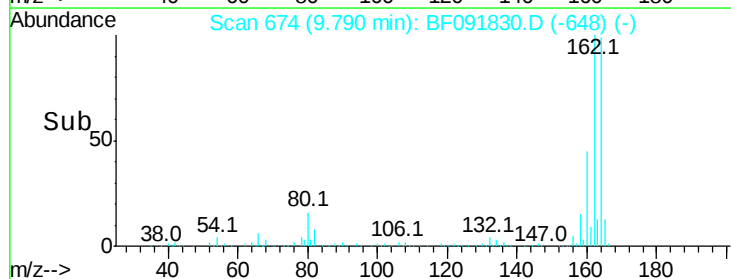
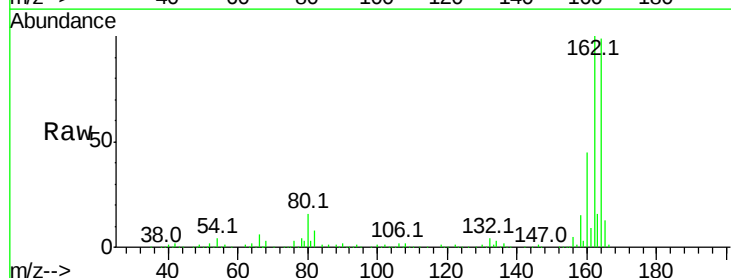
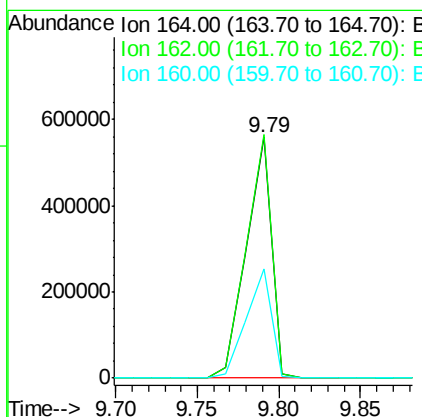
sohil
12/22/2016 7:11:19 PM

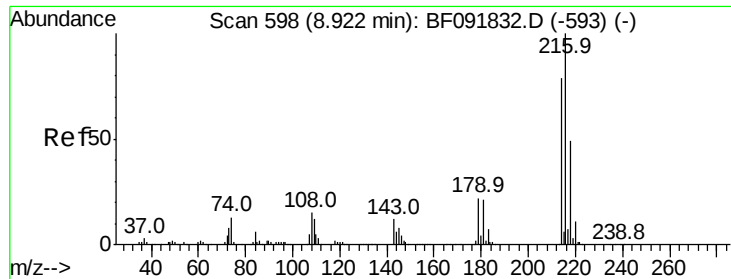
PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF091830.D
Acq: 21 Dec 2016 12:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.2	120.2
160	45.2	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 10.86 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

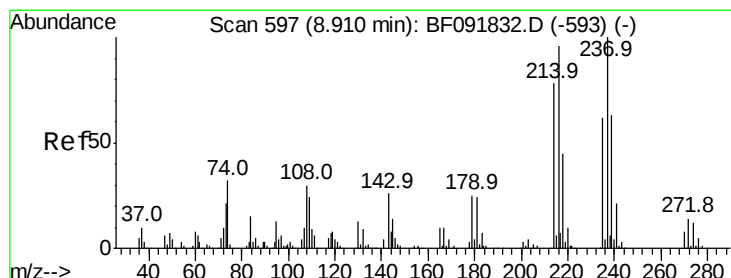
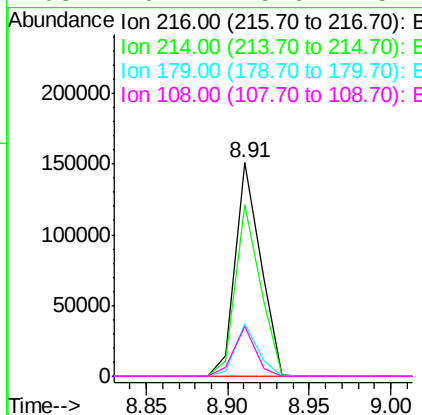
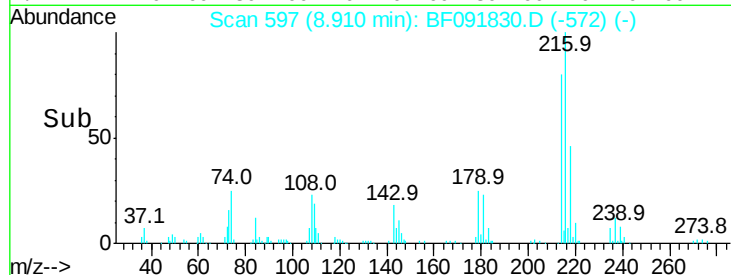
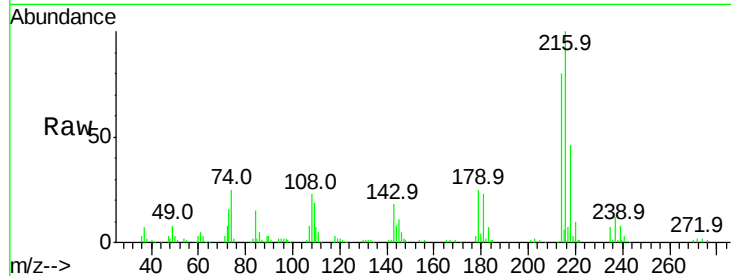
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
216	100	161853		
214	78.4	63.4	95.0	
179	21.9	17.4	26.2	
108	20.1	15.6	23.4	

Manual Integrations
APPROVED

sohil
12/22/2016 7:11:19 PM

PM



#40

Hexachlorocyclopentadiene

Concen: 6.97 ng

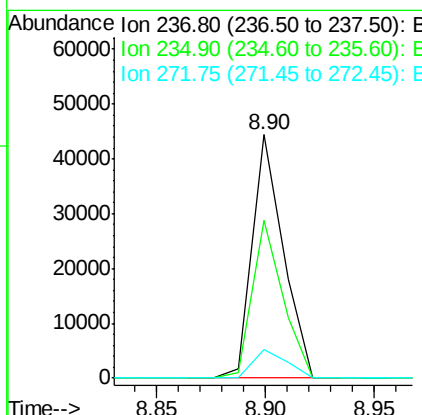
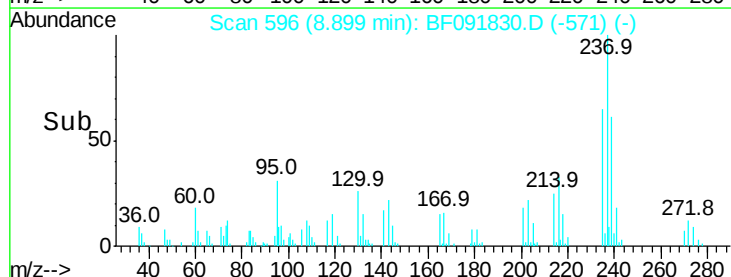
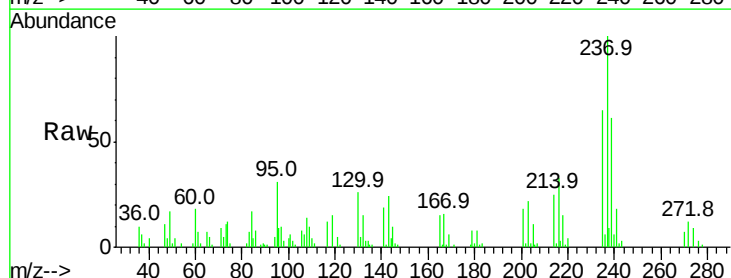
RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	44006		
235	64.9	41.2	81.2	
272	11.7	0.0	35.4	





#41
 2,4,6-Tribromophenol
 Concen: 21.46 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091830.D
 Acq: 21 Dec 2016 12:43

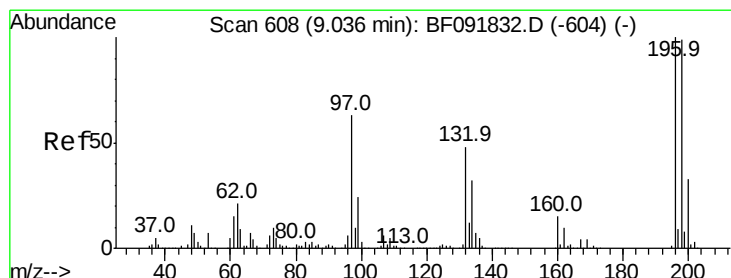
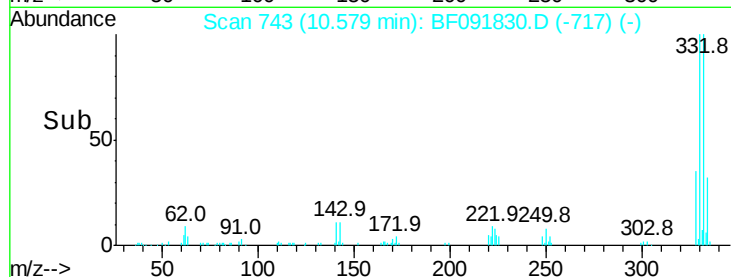
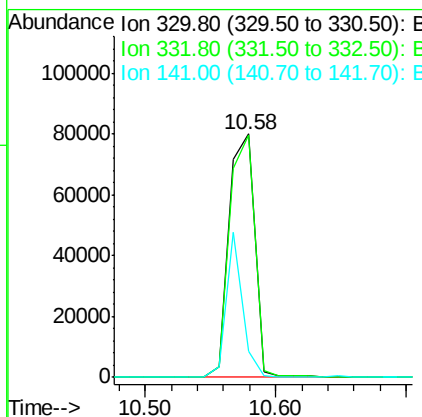
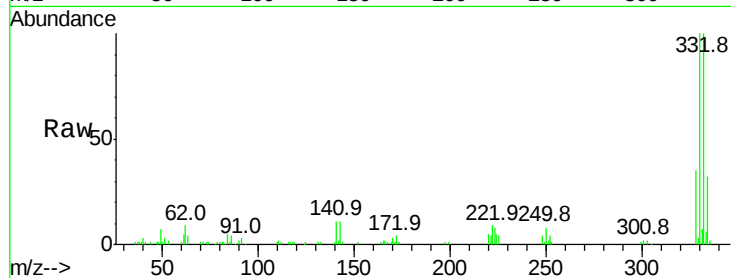
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
330	100	108791		
332	98.7		77.4	116.2
141	38.0		34.1	51.1

Manual Integrations
 APPROVED

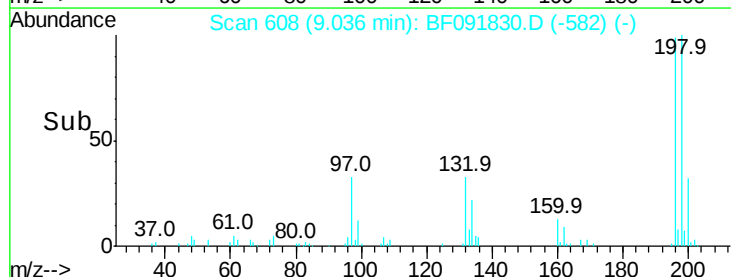
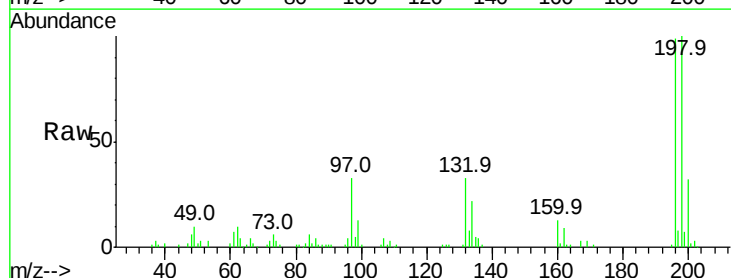
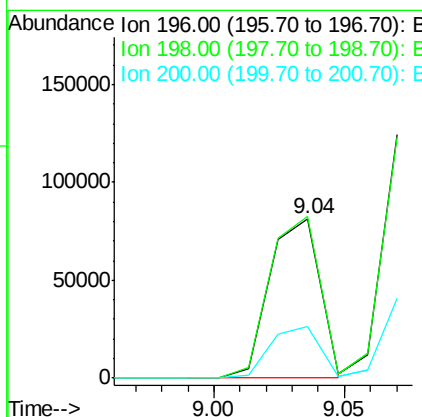
sohil
 12/22/2016 7:11:19 PM

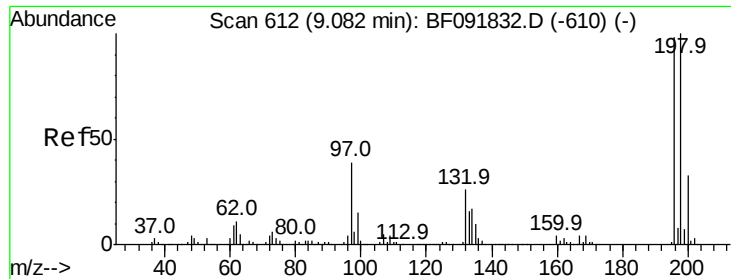
PM



#42
 2,4,6-Trichlorophenol
 Concen: 10.28 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091830.D
 Acq: 21 Dec 2016 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	109434		
198	101.1		82.1	123.1
200	32.7		27.0	40.4





#43
 2,4,5-Trichlorophenol
 Concen: 11.28 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF091830.D
 Acq: 21 Dec 2016 12:43

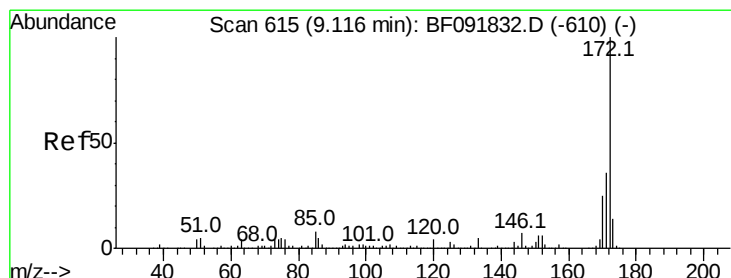
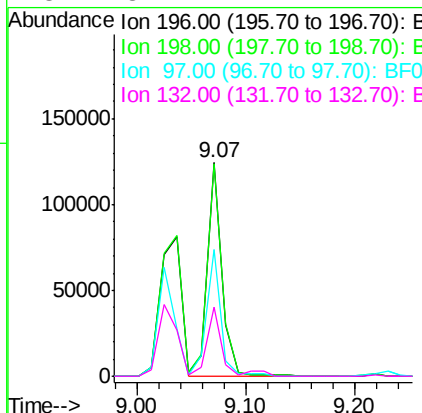
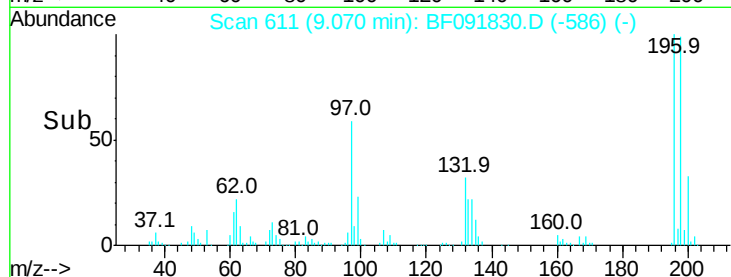
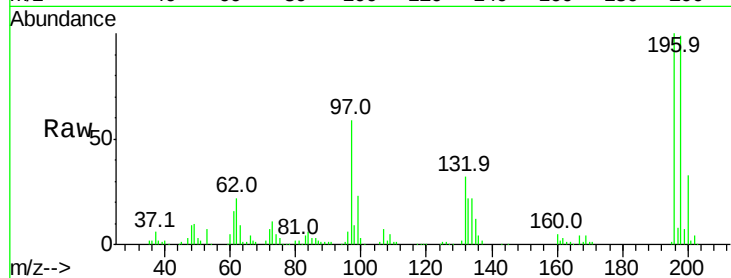
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
196	100	117924		
198	99.2	79.4	119.2	
97	59.5	51.5	77.3	
132	32.4	27.4	41.2	

Manual Integrations
 APPROVED

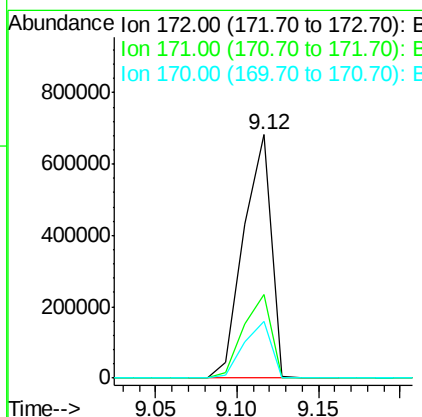
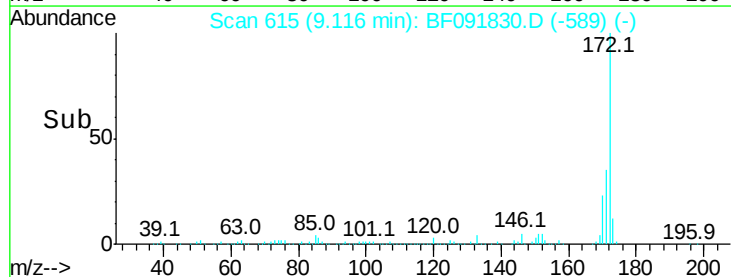
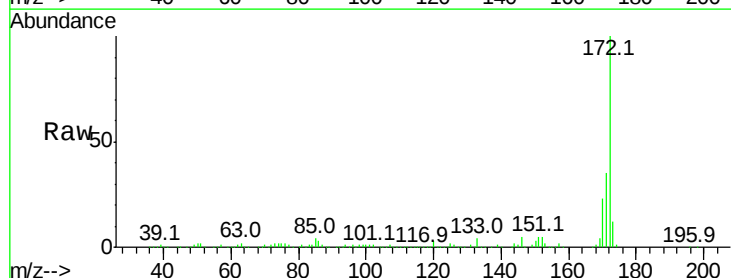
sohil
 12/22/2016 7:11:19 PM

PM



#44
 2-Fluorobiphenyl
 Concen: 26.83 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF091830.D
 Acq: 21 Dec 2016 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	798371		
171	34.6	29.4	44.0	
170	23.4	20.2	30.4	





#45
1,1'-Biphenyl
Concen: 10.79 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF091830.D
Acq: 21 Dec 2016 12:43

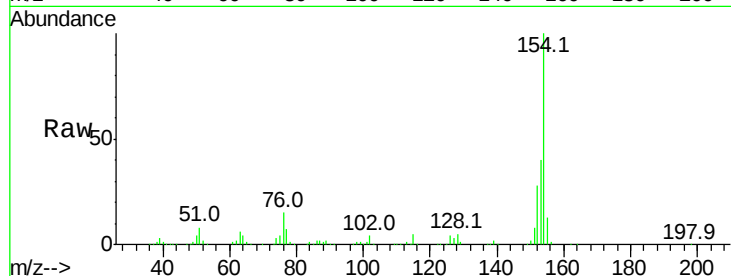
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.3	20.9	60.9	
76	14.8	0.0	30.5	

Manual Integrations
APPROVED

sohil
12/22/2016 7:11:19 PM

PM

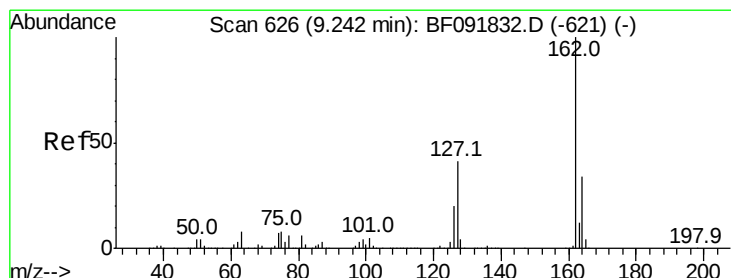
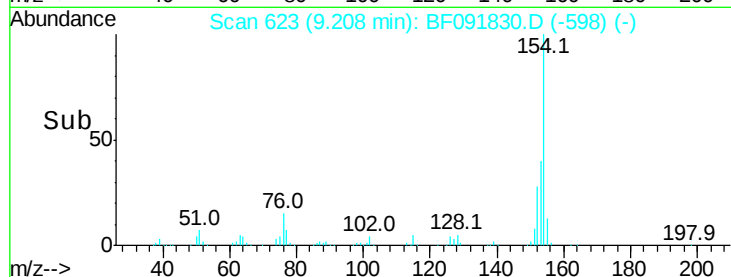
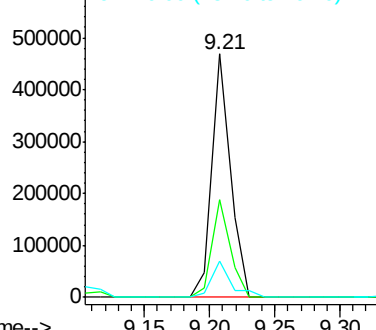


Abundance

Ion 154.00 (153.70 to 154.70): E

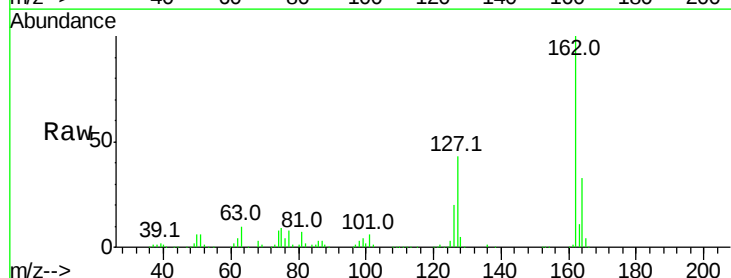
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
2-Chloronaphthalene
Concen: 11.03 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF091830.D
Acq: 21 Dec 2016 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	43.1	30.7	46.1	
164	32.8	27.6	41.4	

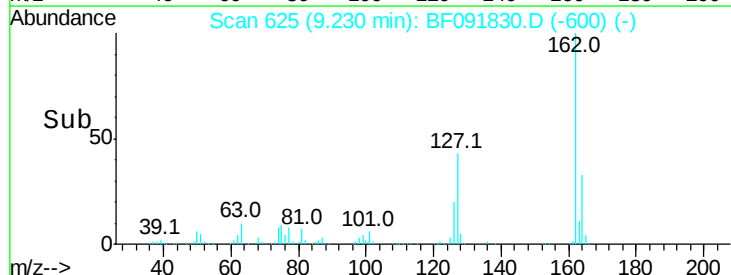
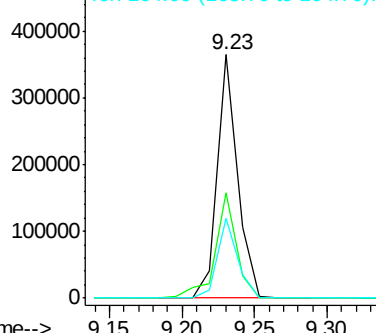


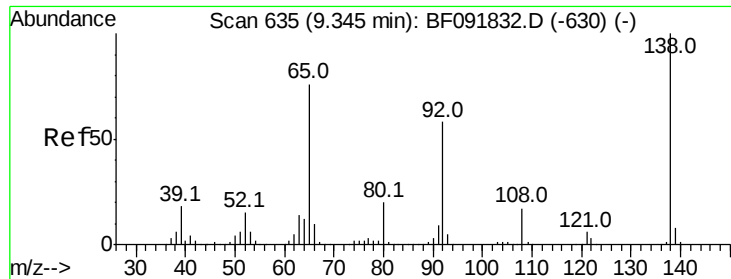
Abundance

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: 11.54 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF091830.D
Acq: 21 Dec 2016 12:43

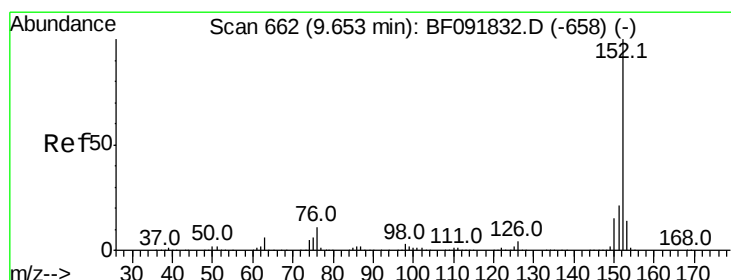
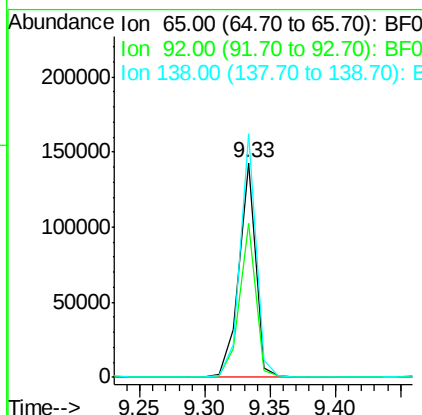
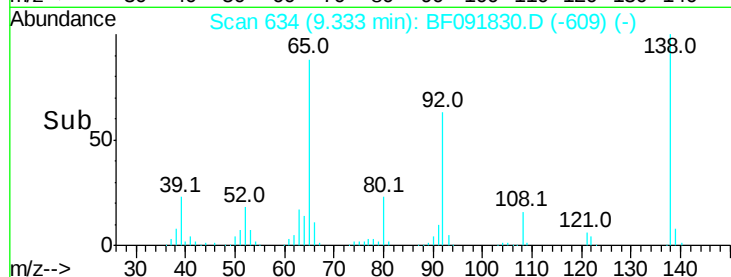
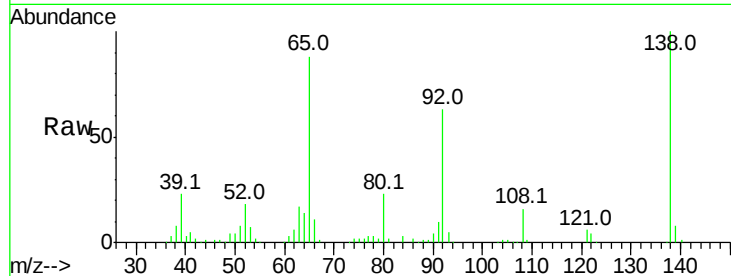
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.9	53.9	80.9
138	113.5	76.8	115.2

Manual Integrations
APPROVED

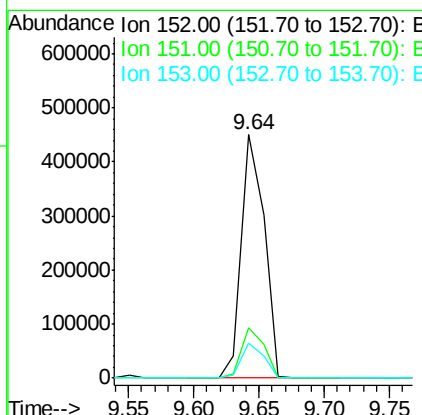
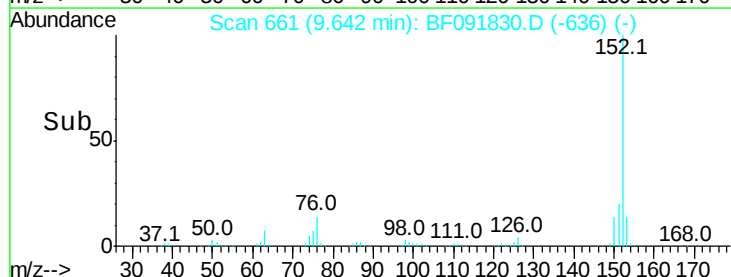
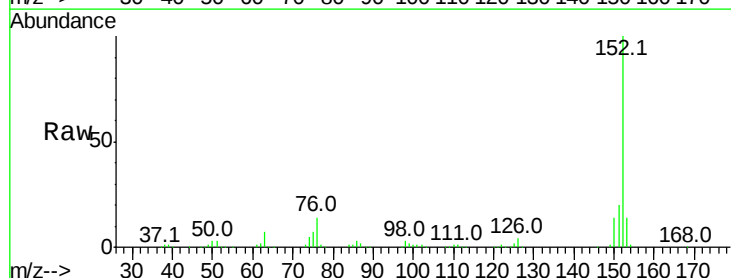
sohil
12/22/2016 7:11:19 PM

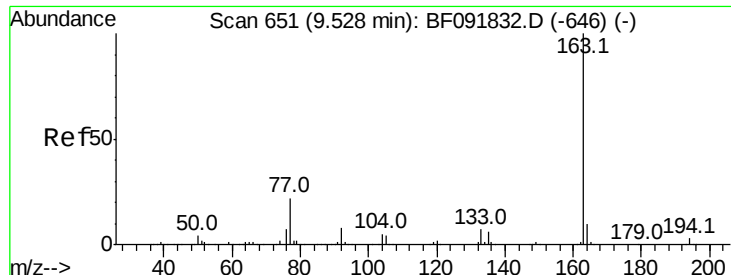
PM



#48
Acenaphthylene
Concen: 11.03 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF091830.D
Acq: 21 Dec 2016 12:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.9	25.3
153	14.5	11.4	17.2





#49
Dimethylphthalate
Concen: 11.05 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF091830.D
Acq: 21 Dec 2016 12:43

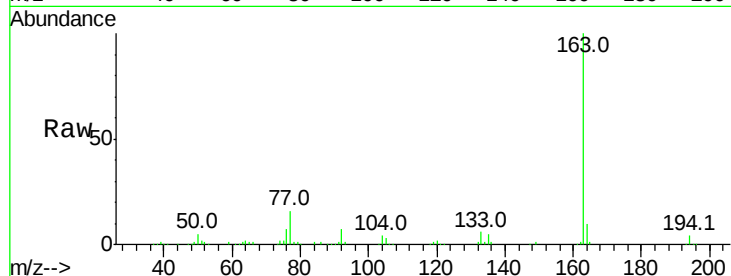
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
163	100	431565		
194	3.5		3.0	4.4
164	9.6		8.0	12.0

Manual Integrations
APPROVED

sohil
12/22/2016 7:11:19 PM

PM

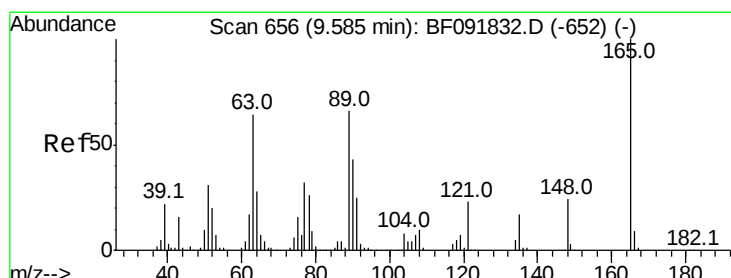
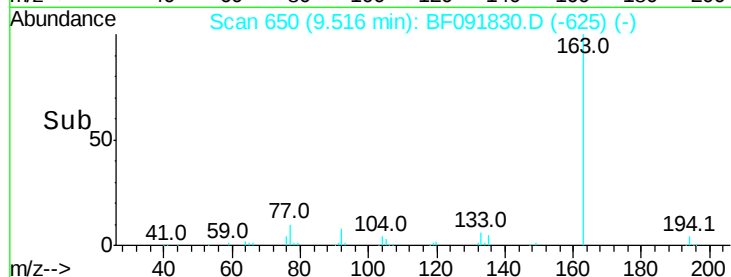
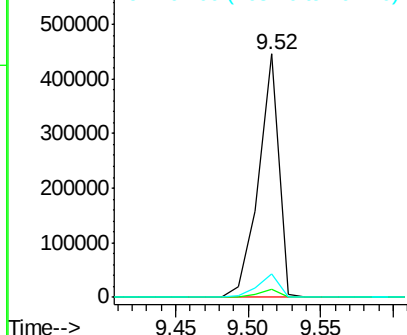


Abundance

Ion 163.00 (162.70 to 163.70): E

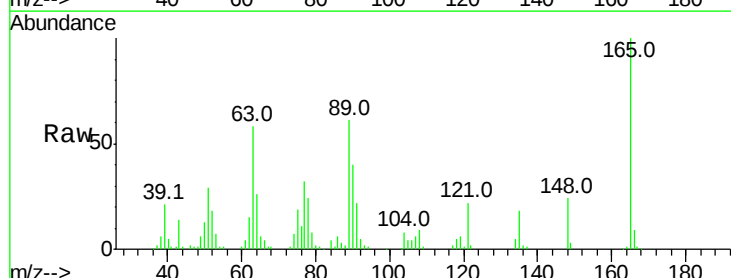
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 10.76 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091830.D
Acq: 21 Dec 2016 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	92114		
63	58.1		36.2	54.4#
89	60.6		40.2	60.4#

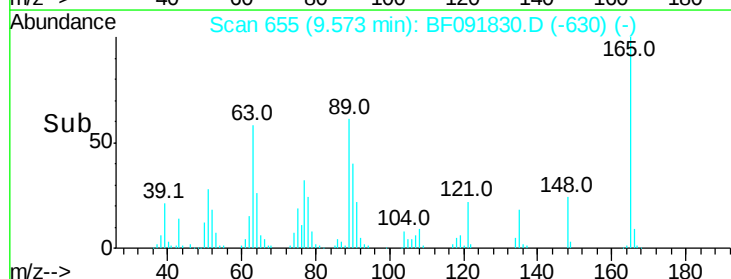
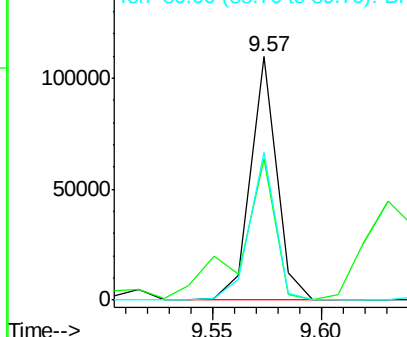


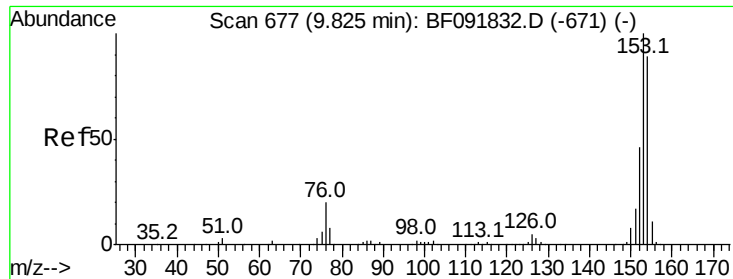
Abundance

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: 10.68 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

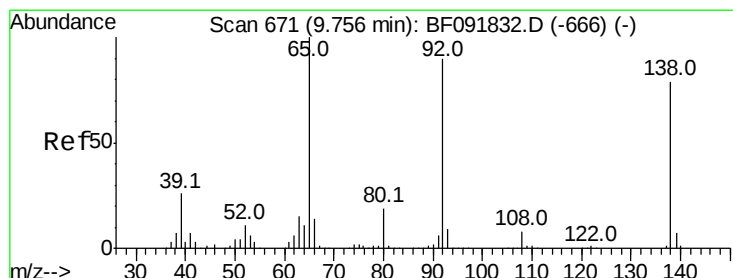
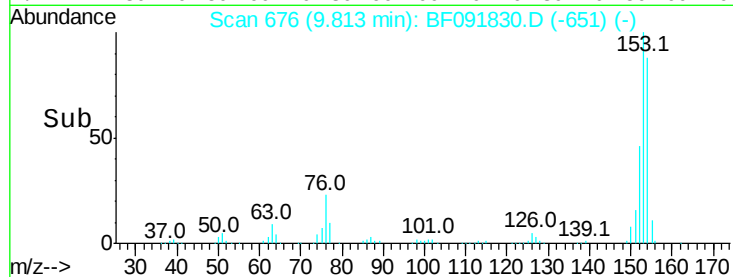
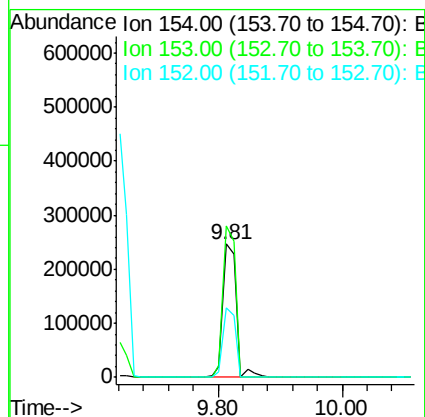
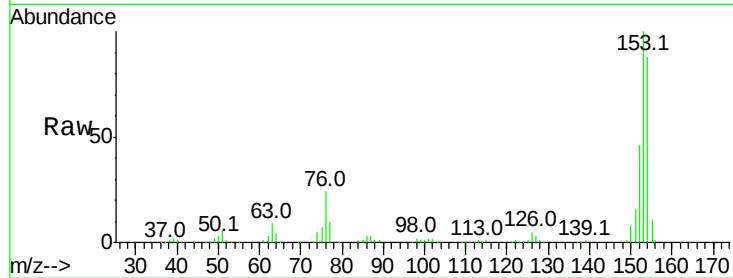
SSTDICC010

Tot Ion:	154	Resp:	363760
Ion Ratio	Lower	Upper	
154	100		
153	113.5	88.6	133.0
152	52.2	41.6	62.4

Manual Integrations
APPROVED

sohil
12/22/2016 7:11:19 PM

PM



#52

3-Nitroaniline

Concen: 10.86 ng

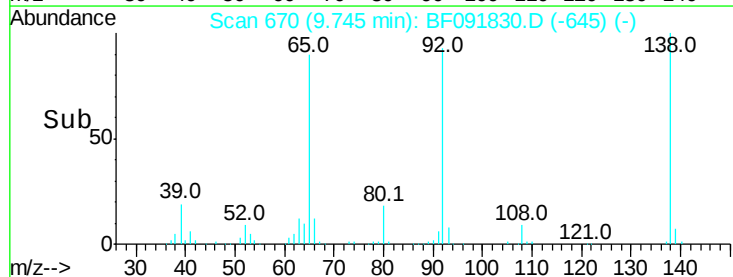
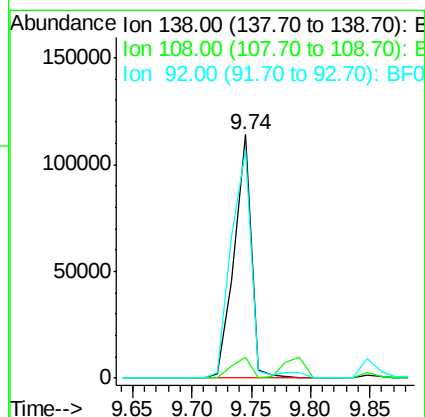
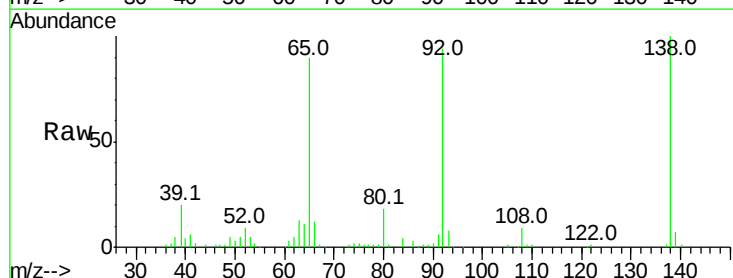
RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Tgt Ion:	138	Resp:	115732
Ion Ratio	Lower	Upper	
138	100		
108	8.8	8.5	12.7
92	94.0	97.8	146.8#





#53
2,4-Dinitrophenol
Concen: 7.81 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091830.D
Acq: 21 Dec 2016 12:43

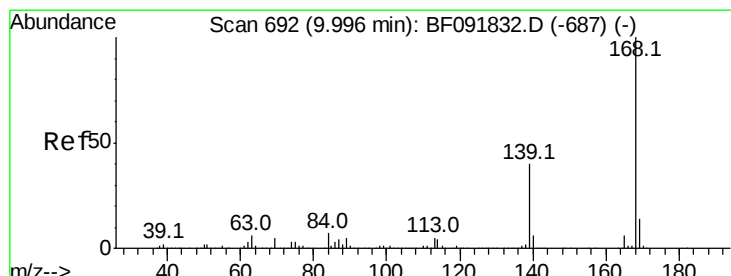
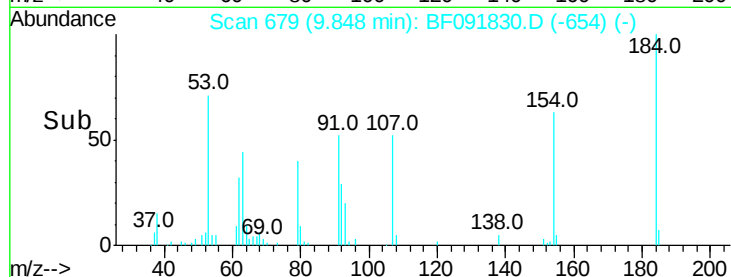
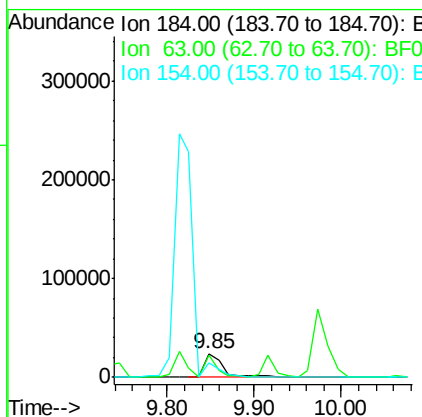
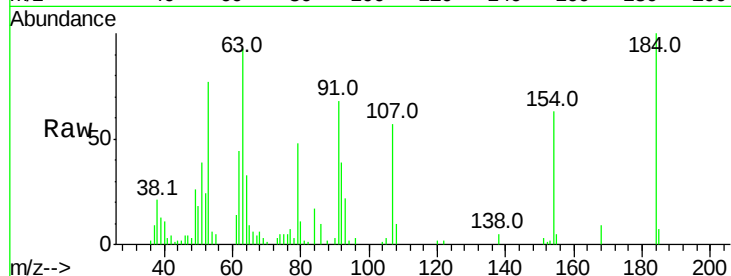
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
184	100		
63	92.9	28.4	42.6
154	63.5	44.3	66.5

Manual Integrations
APPROVED

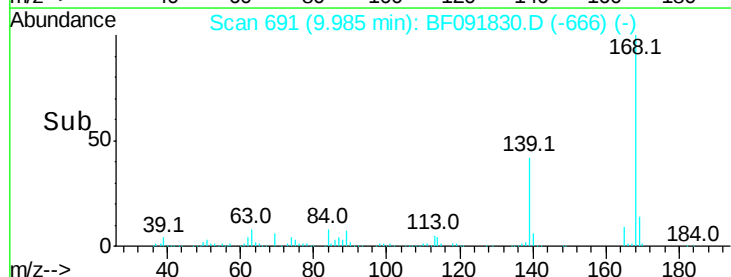
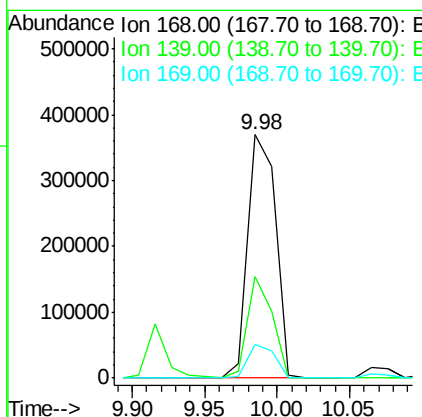
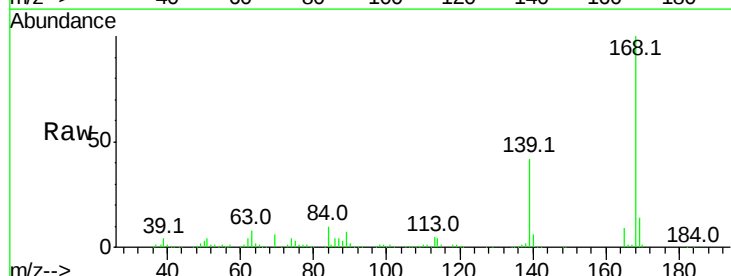
sohil
12/22/2016 7:11:19 PM

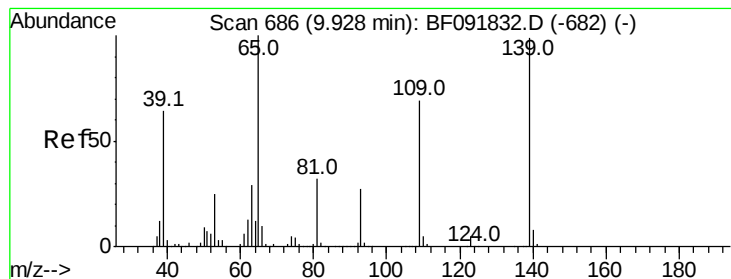
PM



#54
Dibenzofuran
Concen: 12.17 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF091830.D
Acq: 21 Dec 2016 12:43

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.0	32.6	49.0
169	13.7	11.3	16.9





#55

4-Nitrophenol

Concen: 10.23 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

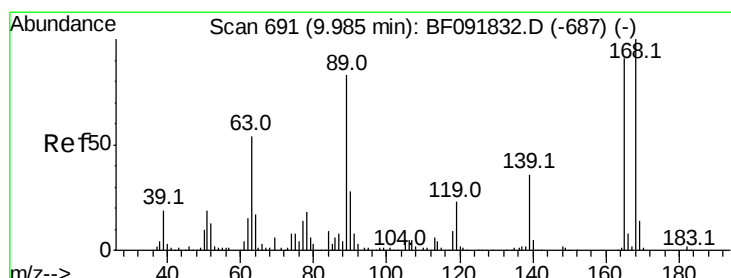
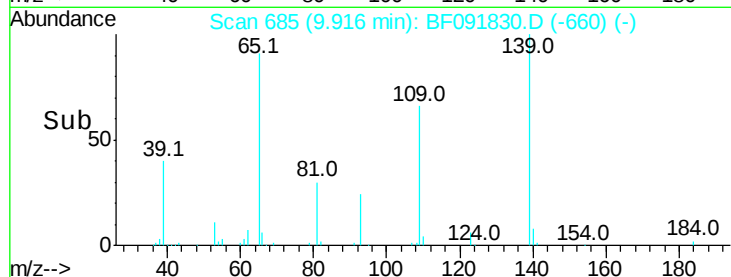
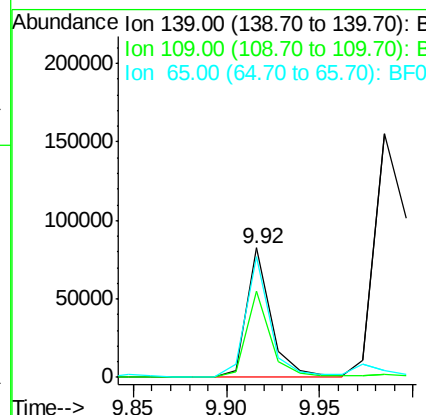
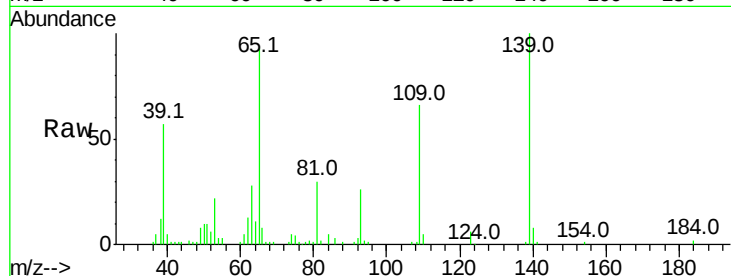
SSTDICC010

Tot Ion:	139	Resp:	75748
Ion Ratio	Lower	Upper	
139	100		
109	66.3	52.2	92.2
65	93.2	85.8	125.8

Manual Integrations
APPROVED

sohil
12/22/2016 7:11:19 PM

PM



#56

2,4-Dinitrotoluene

Concen: 10.82 ng

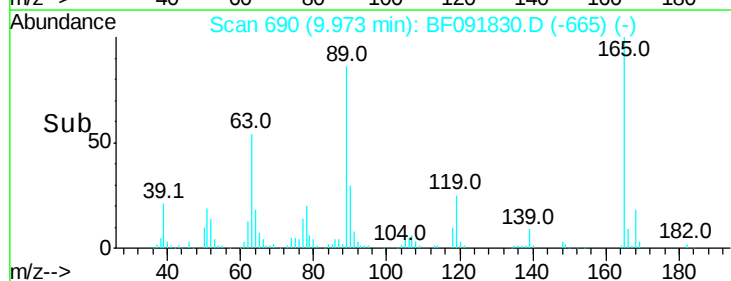
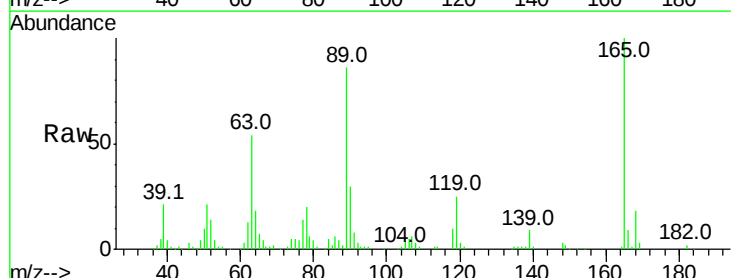
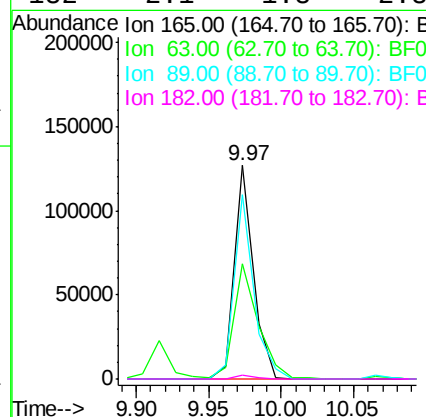
RT: 9.97 min Scan# 690

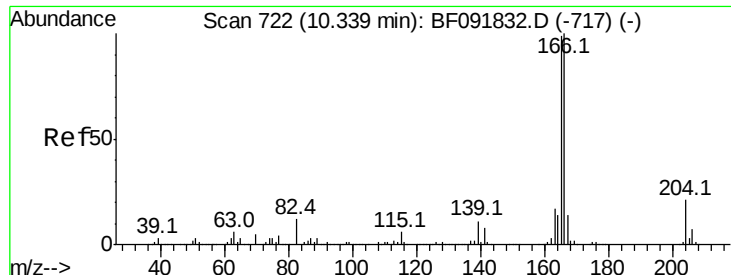
Delta R.T. -0.01 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Tgt Ion:	165	Resp:	115697
Ion Ratio	Lower	Upper	
165	100		
63	54.0	40.2	60.4
89	86.3	62.5	93.7
182	2.1	1.8	2.8





#57

Fluorene

Concen: 12.21 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tot Ion:166 Resp: 384138

Ion Ratio Lower Upper

166 100

165 99.3 77.8 116.8

167 14.2 10.8 16.2

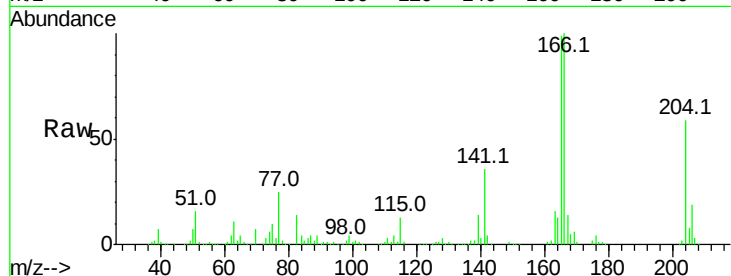
Manual Integrations

APPROVED

sohil

12/22/2016 7:11:19 PM

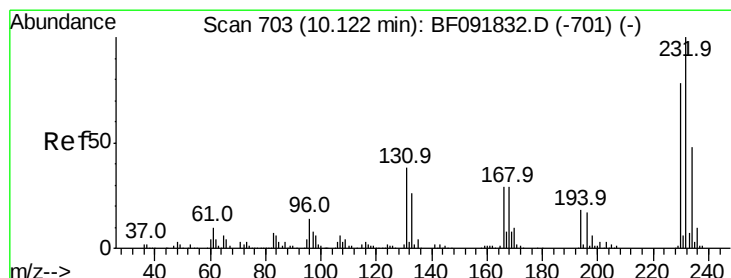
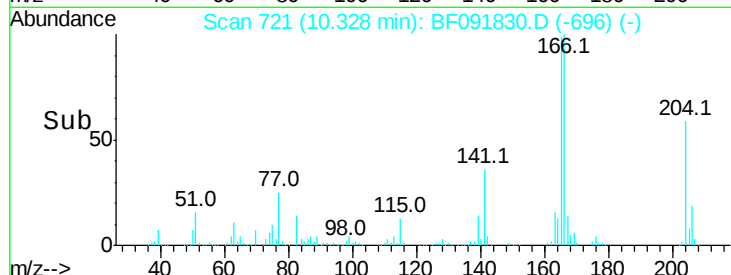
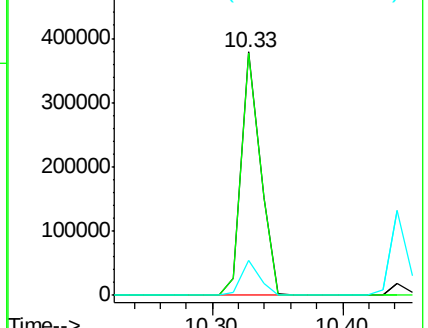
PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 10.98 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Tgt Ion:232 Resp: 94962

Ion Ratio Lower Upper

232 100

131 50.8 40.1 60.1

130 2.2 1.8 2.8

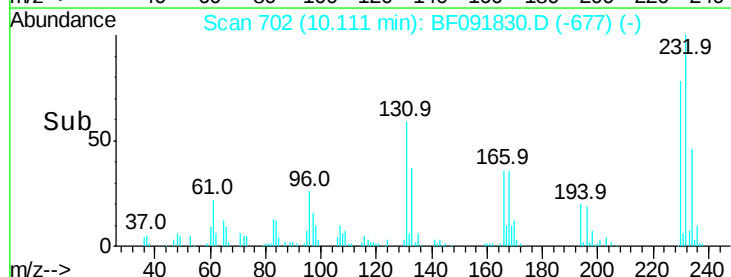
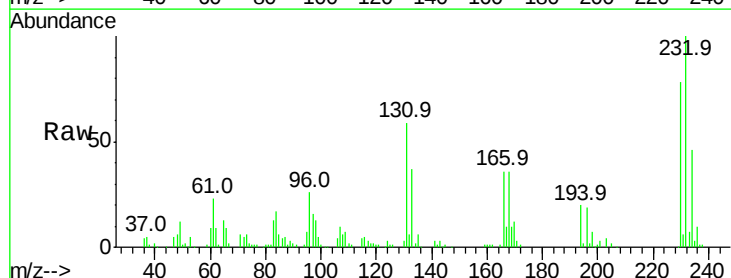
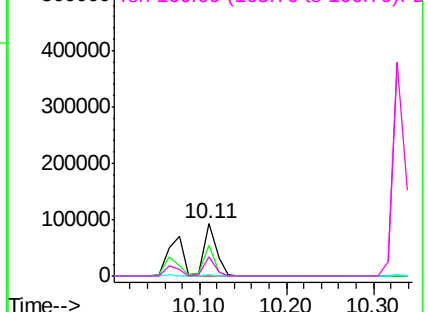
166 32.4 26.6 39.8

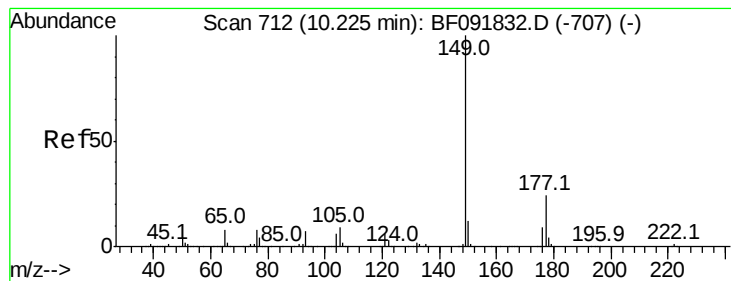
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 10.90 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

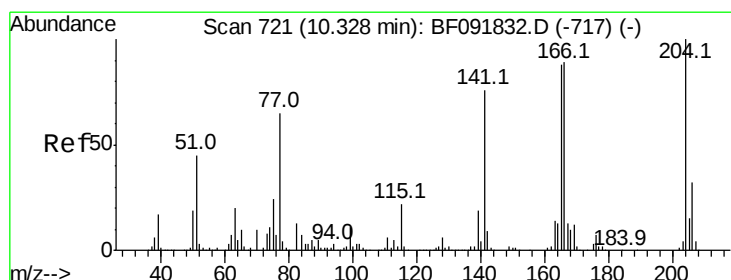
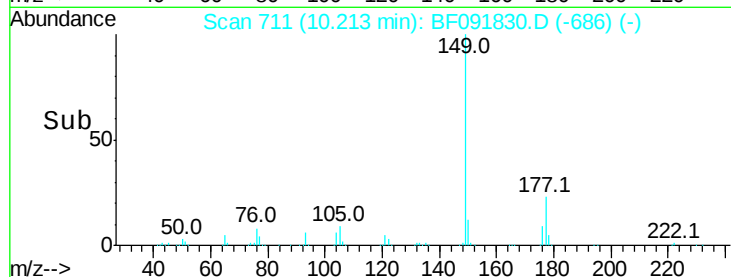
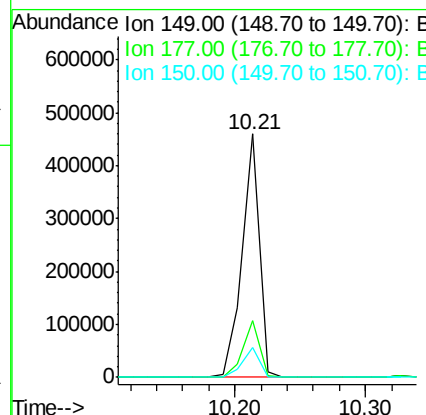
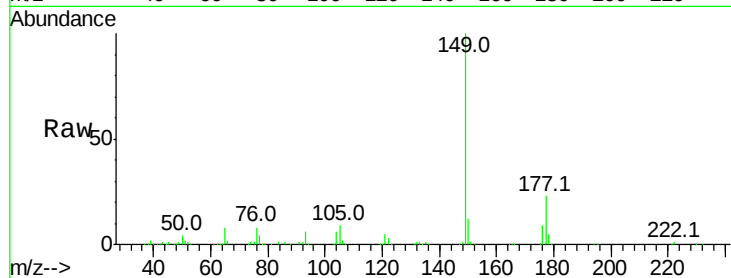
SSTDICC010

Tot Ion:	149	Resp:	418306
Ion Ratio	Lower	Upper	
149	100		
177	23.1	16.6	25.0
150	12.1	10.4	15.6

Manual Integrations
APPROVED

sohil
12/22/2016 7:11:19 PM

PM



#60

4-Chlorophenyl-phenylether

Concen: 12.90 ng

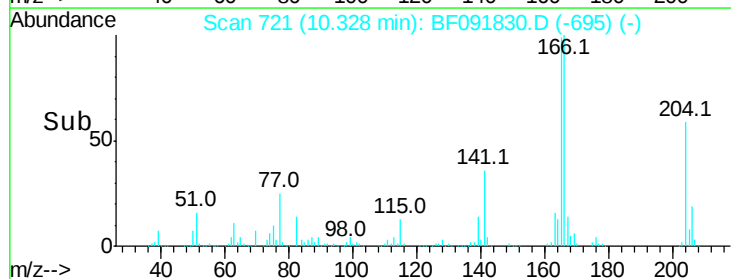
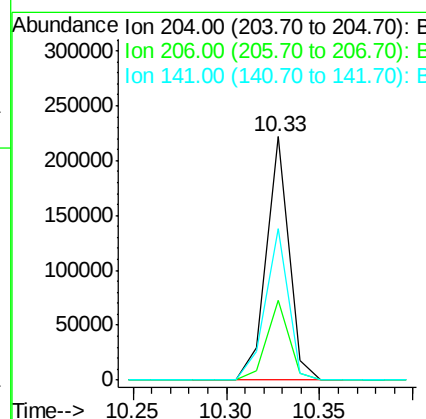
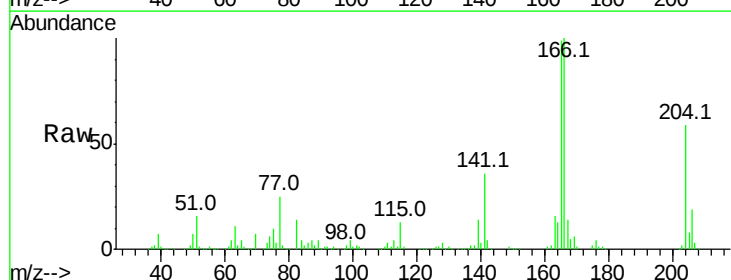
RT: 10.33 min Scan# 721

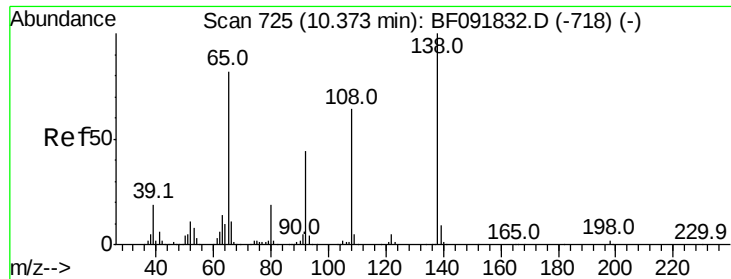
Delta R.T. -0.00 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Tgt Ion:	204	Resp:	184827
Ion Ratio	Lower	Upper	
204	100		
206	32.6	25.8	38.6
141	62.3	59.4	89.0





#61
4-Nitroaniline
Concen: 11.69 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF091830.D
Acq: 21 Dec 2016 12:43

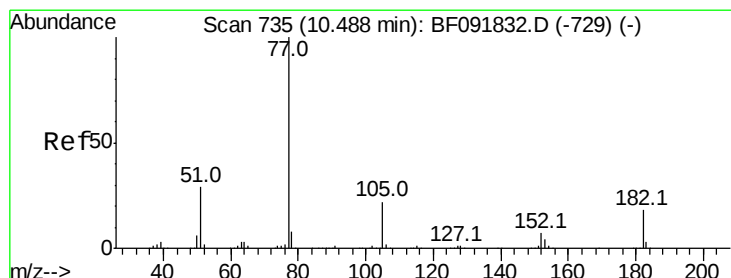
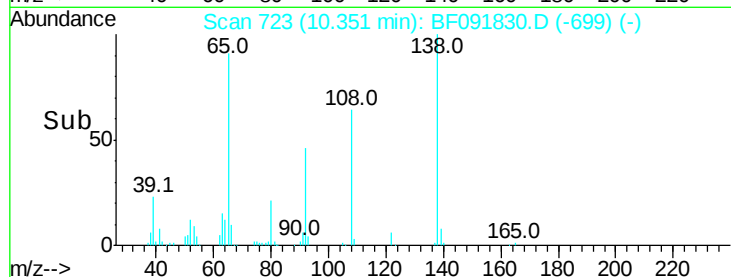
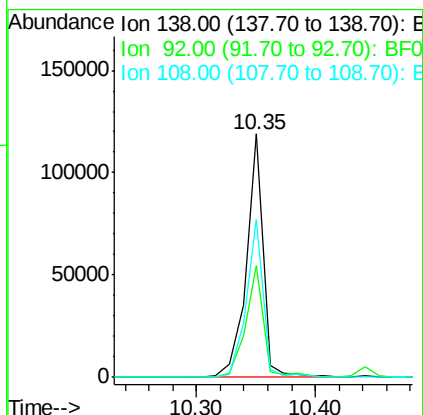
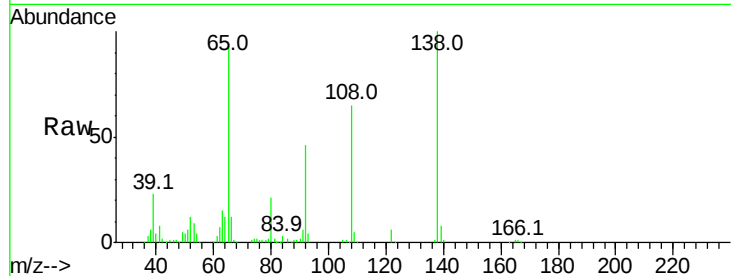
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.1	31.7	71.7
108	65.0	52.6	92.6

Manual Integrations
APPROVED

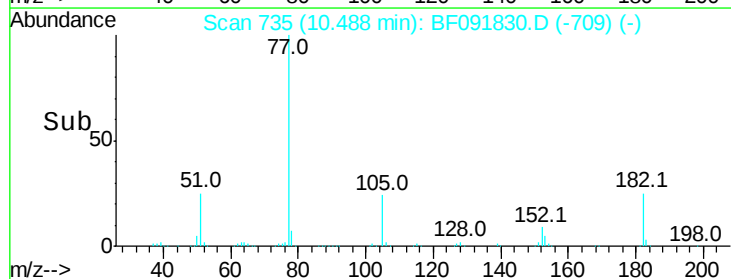
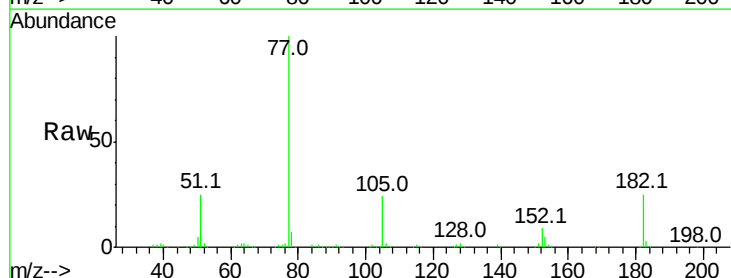
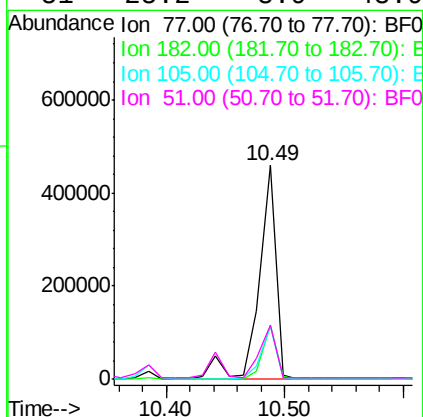
sohil
12/22/2016 7:11:19 PM

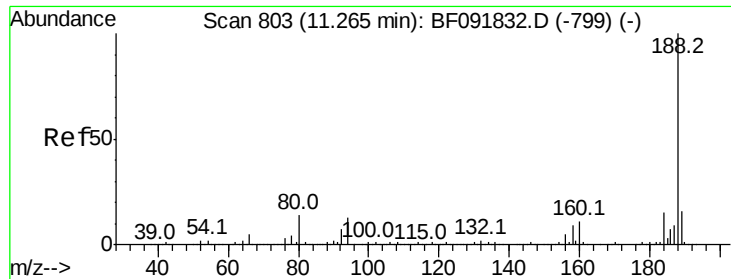
PM



#62
Azobenzene
Concen: 11.41 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF091830.D
Acq: 21 Dec 2016 12:43

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.4	0.0	39.3
105	24.5	2.3	42.3
51	25.2	8.9	48.9





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091830.D
Acq: 21 Dec 2016 12:43

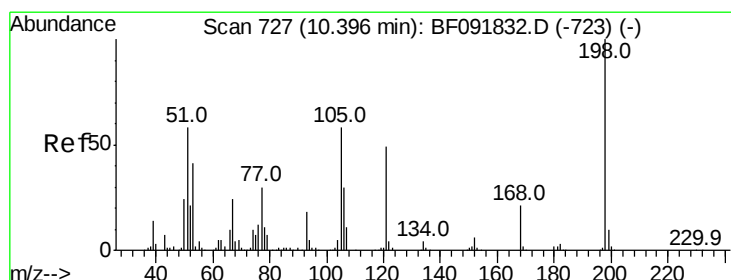
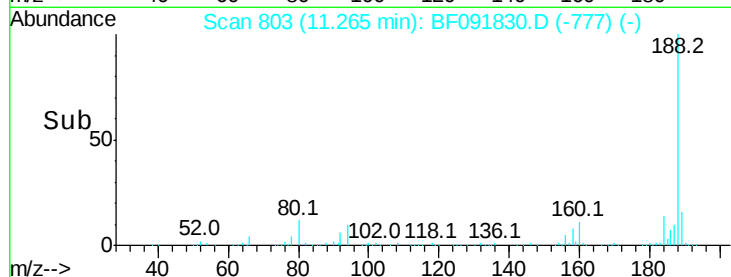
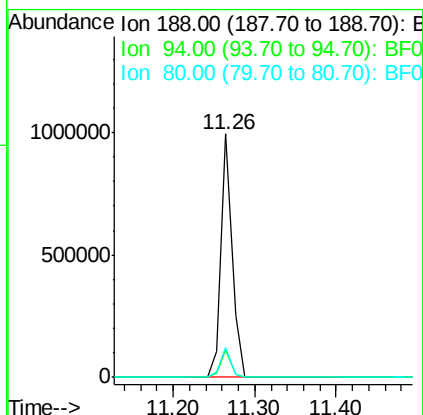
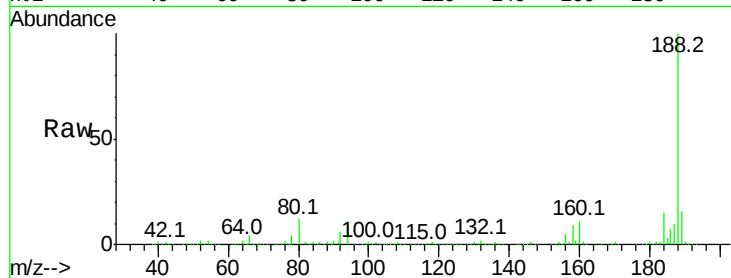
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.1	10.0	15.0	
80	12.2	11.2	16.8	

Manual Integrations
APPROVED

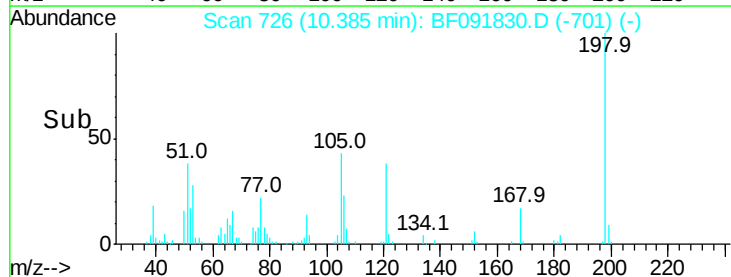
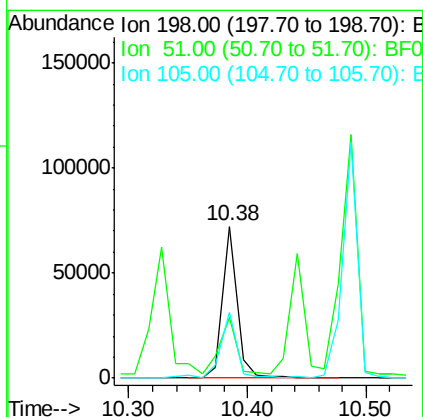
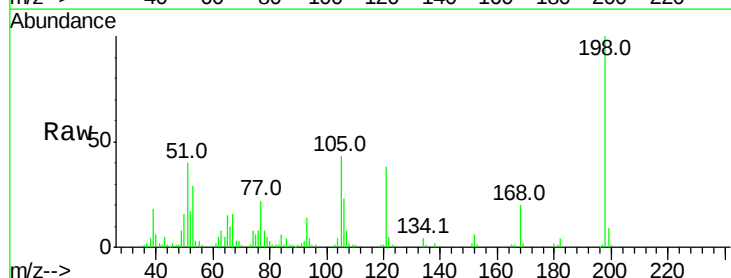
sohil
12/22/2016 7:11:19 PM

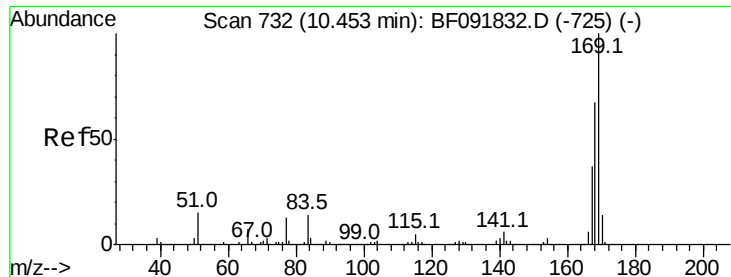
PM



#64
4,6-Dinitro-2-methylphenol
Concen: 9.98 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF091830.D
Acq: 21 Dec 2016 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	40.1	6.7	46.7	
105	43.0	16.6	56.6	





#65

n-Nitrosodiphenylamine

Concen: 11.13 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

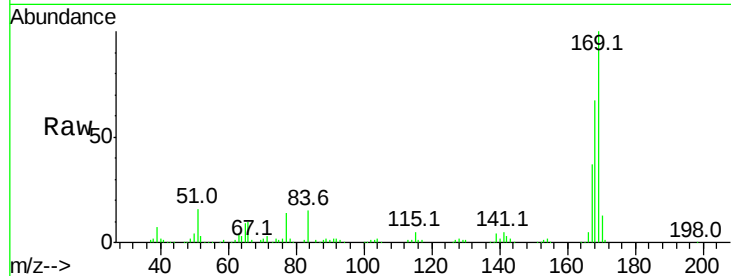
SSTDIC010

Tot Ion:	169	Resp:	324977
Ion Ratio	Lower	Upper	
169	100		
168	67.4	54.2	81.2
167	36.5	30.2	45.4

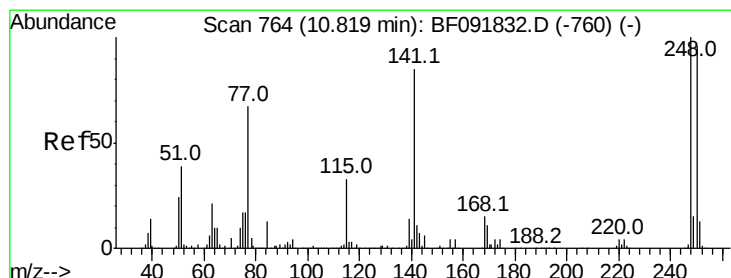
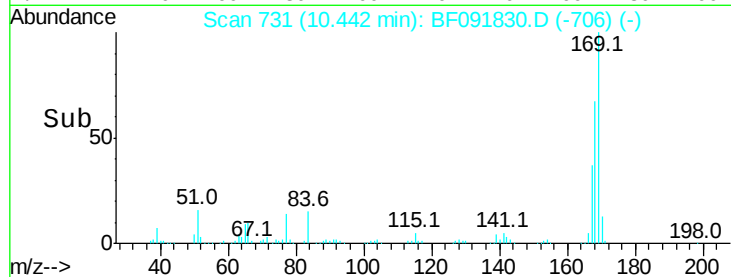
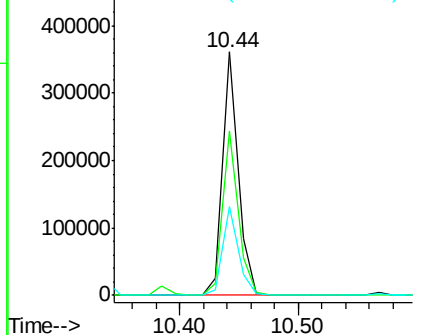
Manual Integrations
APPROVED

sohil
12/22/2016 7:11:19 PM

PM



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 11.15 ng

RT: 10.82 min Scan# 764

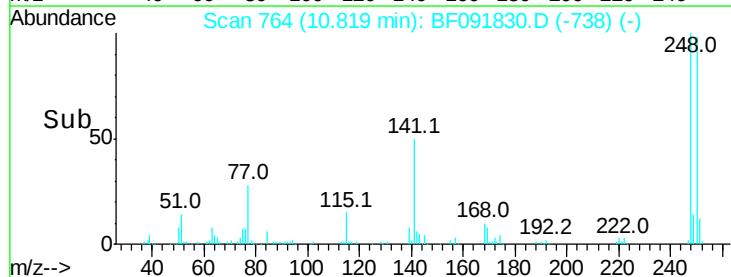
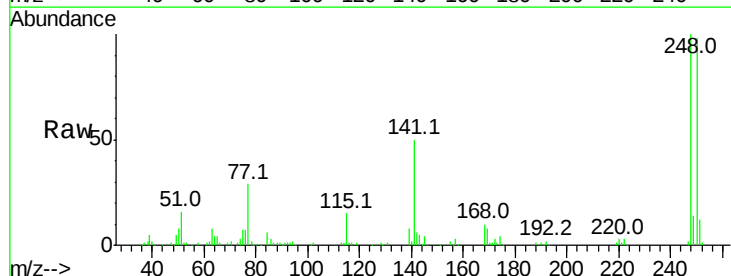
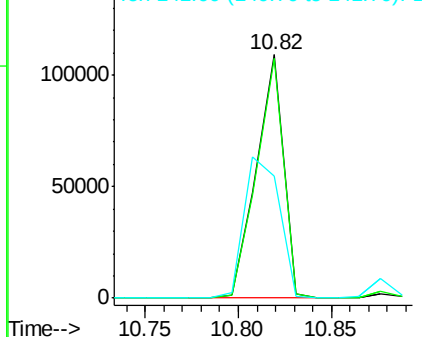
Delta R.T. -0.00 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Tgt Ion:	248	Resp:	109966
Ion Ratio	Lower	Upper	
248	100		
250	98.2	76.9	115.3
141	50.1	68.2	102.4#

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67
Hexachlorobenzene
Concen: 11.10 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF091830.D
Acq: 21 Dec 2016 12:43

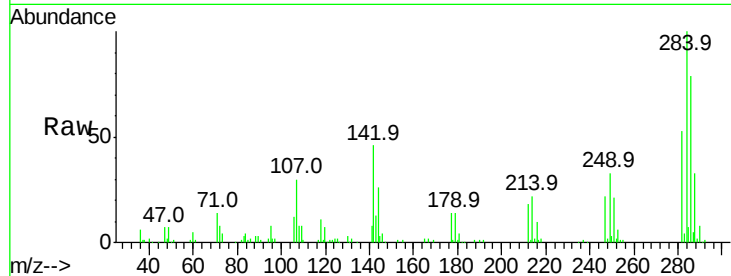
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	45.6	22.6	33.8	
249	33.2	25.4	38.0	

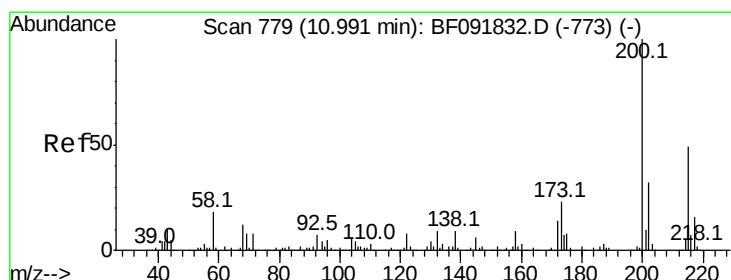
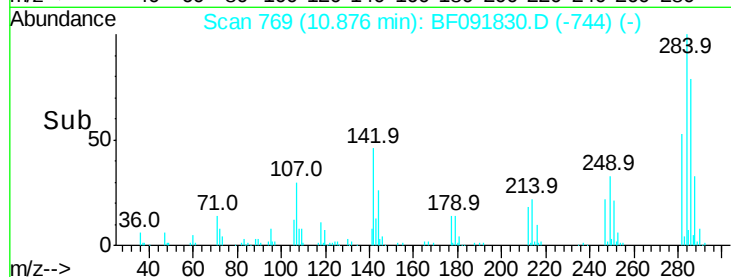
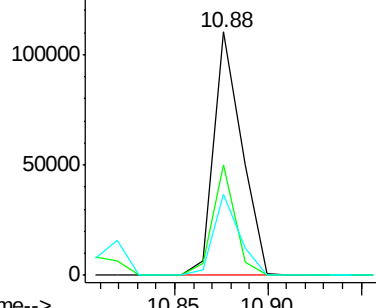
Manual Integrations
APPROVED

sohil
12/22/2016 7:11:19 PM

PM

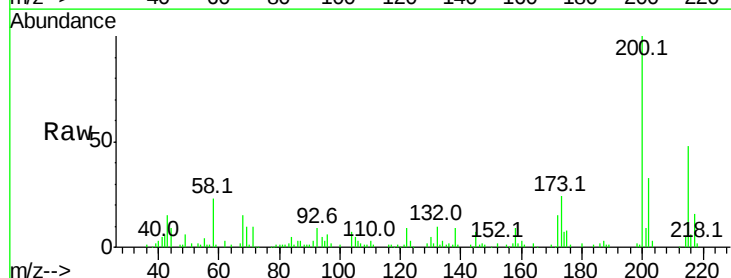


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

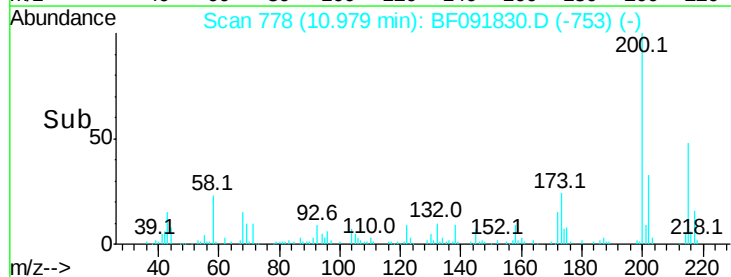
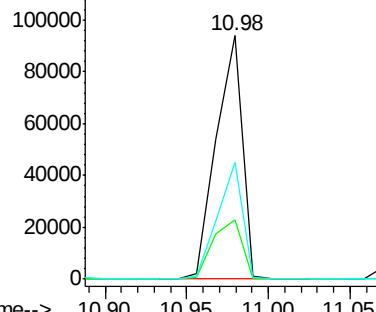


#68
Atrazine
Concen: 11.79 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF091830.D
Acq: 21 Dec 2016 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.3	9.6	49.6	
215	48.0	25.7	65.7	



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: 8.25 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF091830.D
 Acq: 21 Dec 2016 12:43

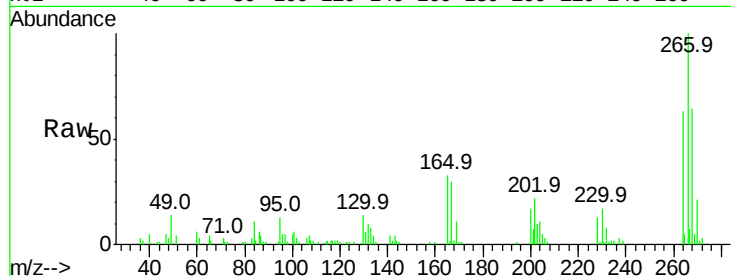
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	53.3	79.9
264	63.4	50.3	75.5

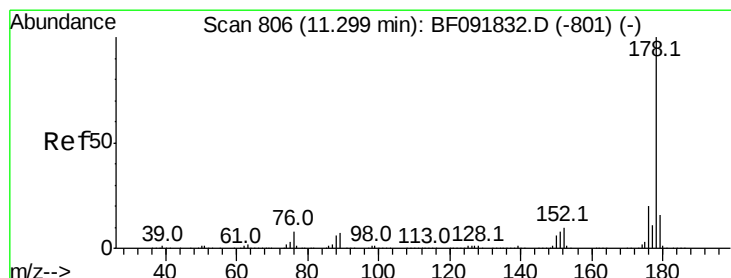
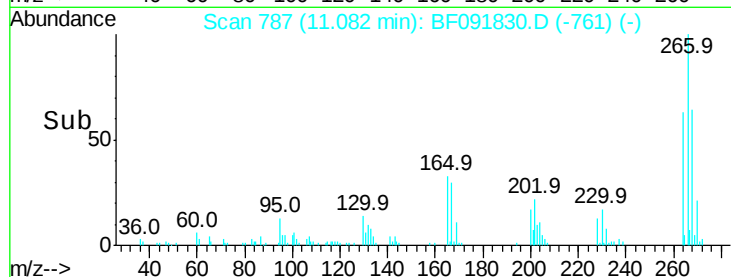
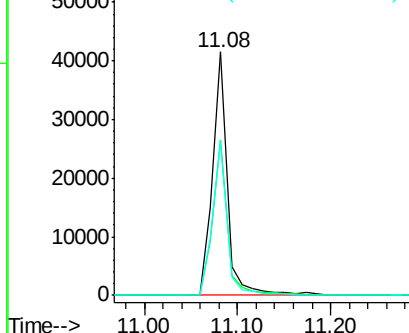
Manual Integrations
 APPROVED

sohil
 12/22/2016 7:11:19 PM

PM



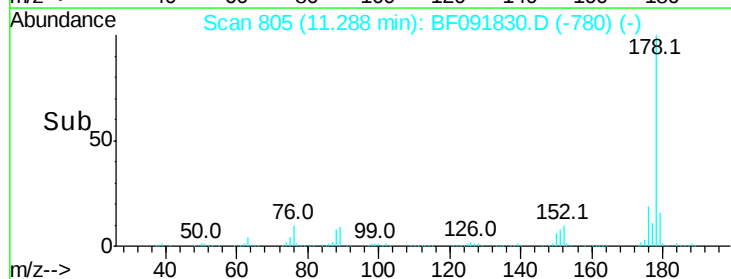
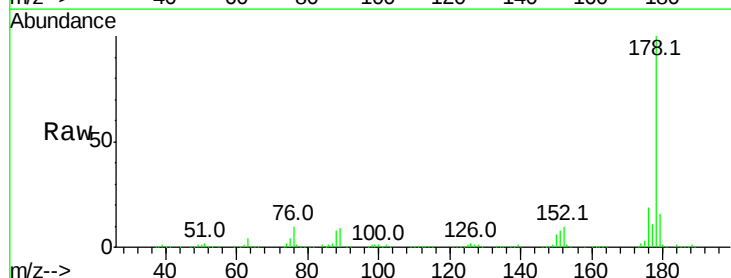
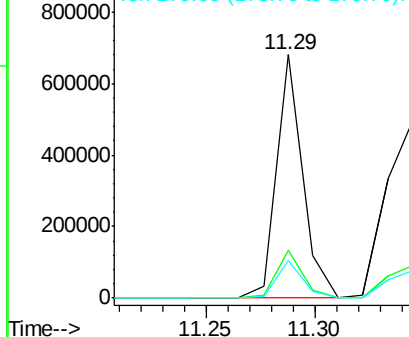
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

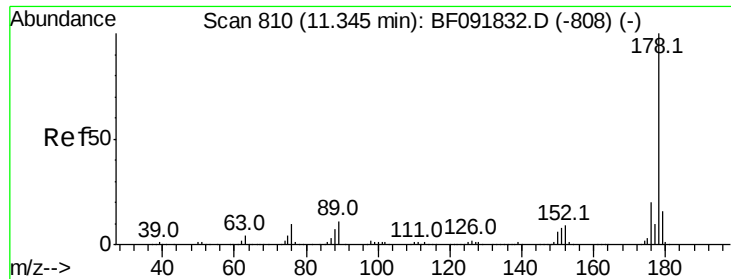


#70
 Phenanthrene
 Concen: 12.28 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF091830.D
 Acq: 21 Dec 2016 12:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.6	25.0
179	15.7	12.8	19.2

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: 11.85 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF091830.D
 Acq: 21 Dec 2016 12:43

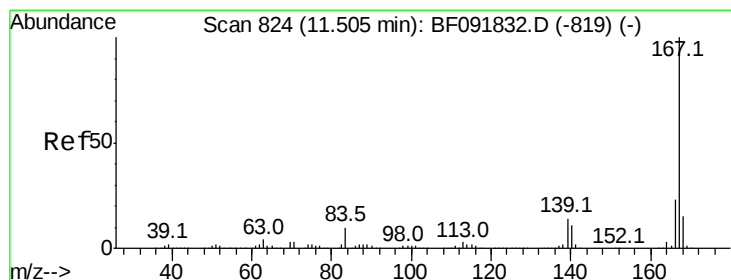
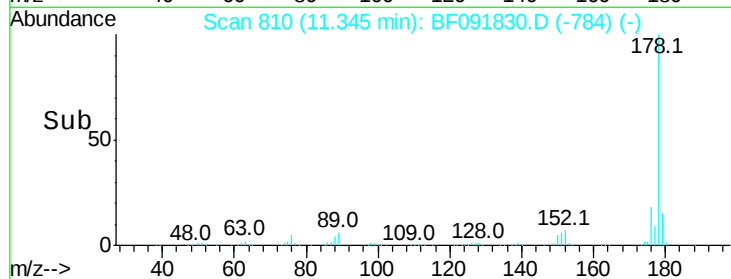
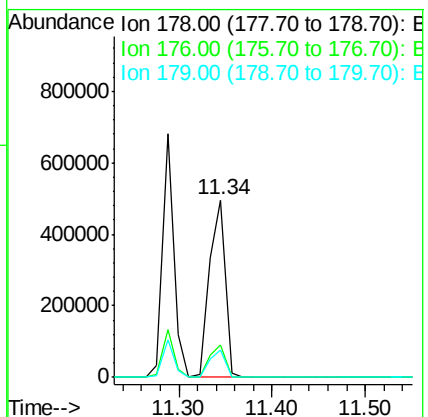
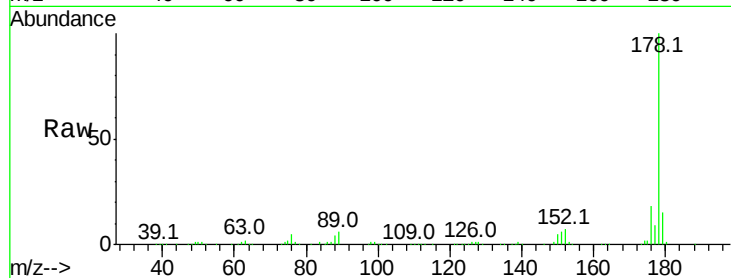
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.9	23.9
179	15.3	13.2	19.8

Manual Integrations
 APPROVED

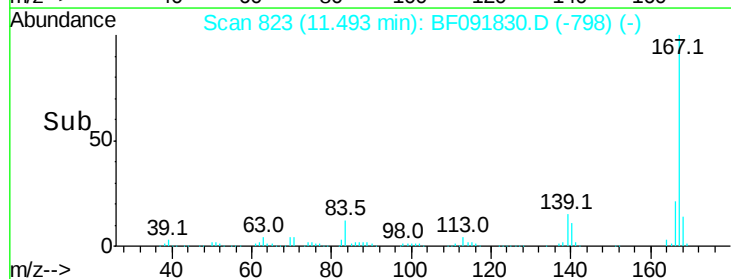
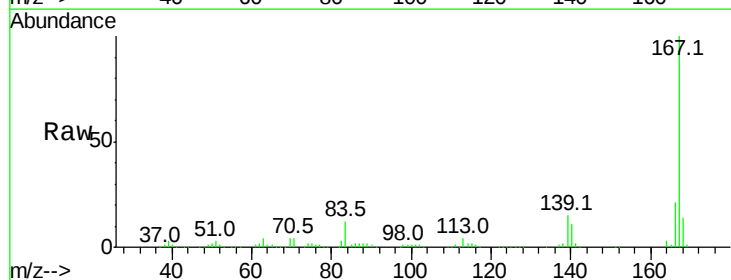
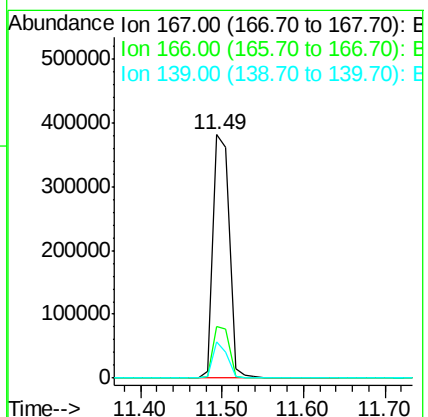
sohil
 12/22/2016 7:11:19 PM

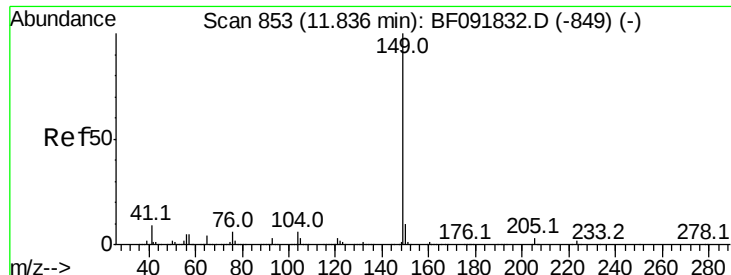
PM



#72
 Carbazole
 Concen: 12.30 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF091830.D
 Acq: 21 Dec 2016 12:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	18.2	27.2
139	14.8	11.4	17.2





#73

Di-n-butylphthalate

Concen: 11.97 ng

RT: 11.84 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

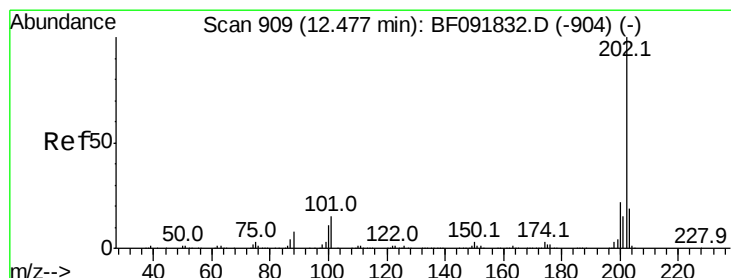
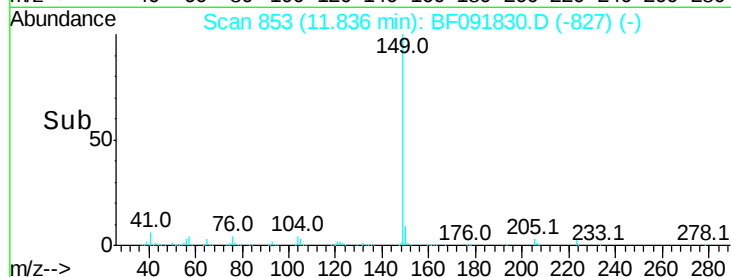
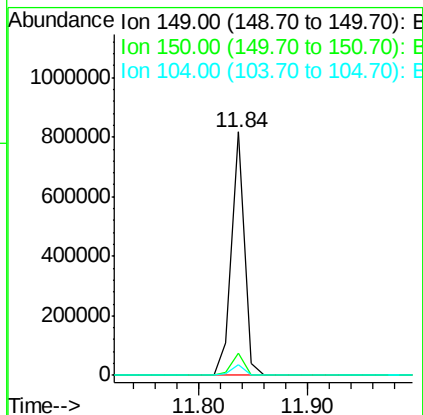
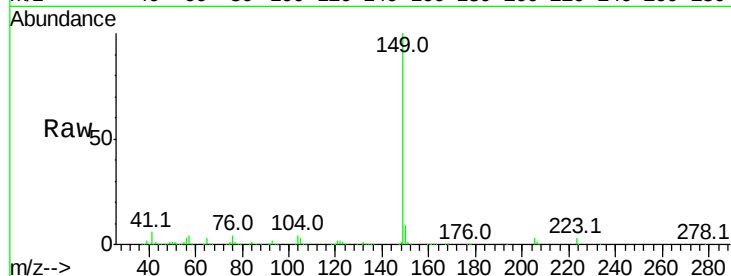
SSTDIC010

Tot Ion:	149	Resp:	668128
Ion Ratio	Lower	Upper	
149	100		
150	9.2	8.1	12.1
104	4.5	4.6	7.0#

Manual Integrations
APPROVED

sohil
12/22/2016 7:11:19 PM

PM



#74

Fluoranthene

Concen: 12.61 ng

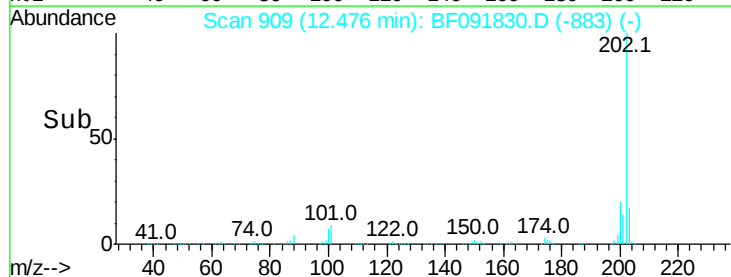
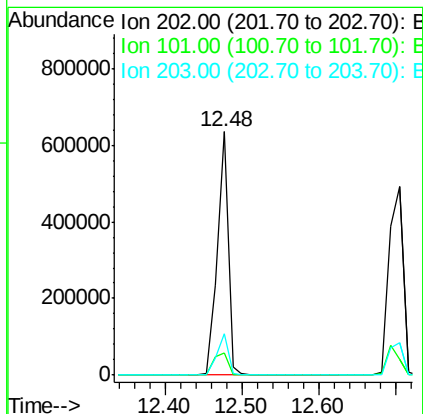
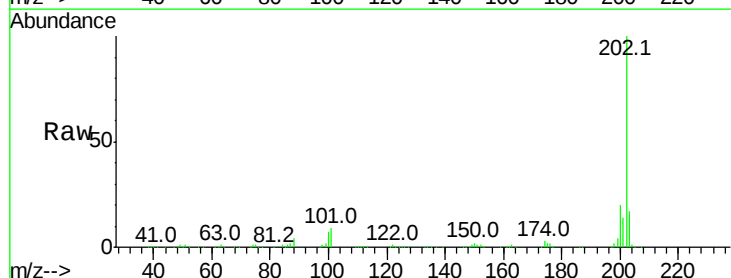
RT: 12.48 min Scan# 909

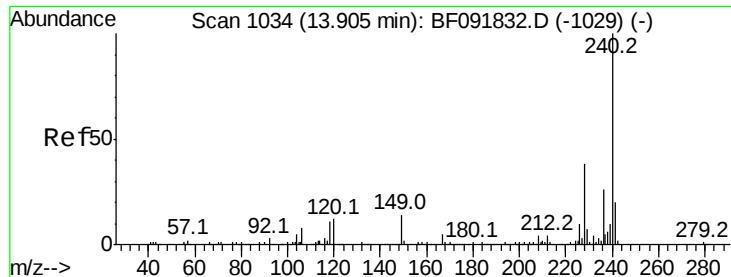
Delta R.T. -0.00 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Tgt Ion:	202	Resp:	619022
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	34.6
203	17.2	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

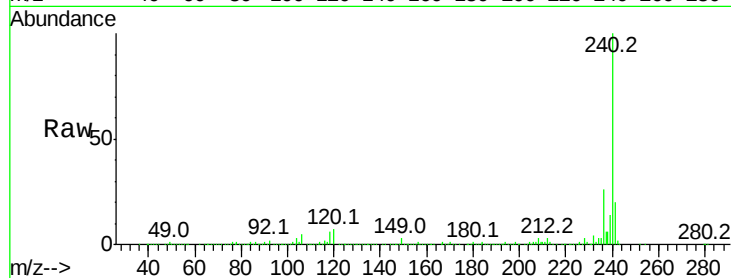
SSTDICC010

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.3	12.9	19.3#
236	25.8	20.9	31.3

Manual Integrations
APPROVED

sohil
12/22/2016 7:11:19 PM

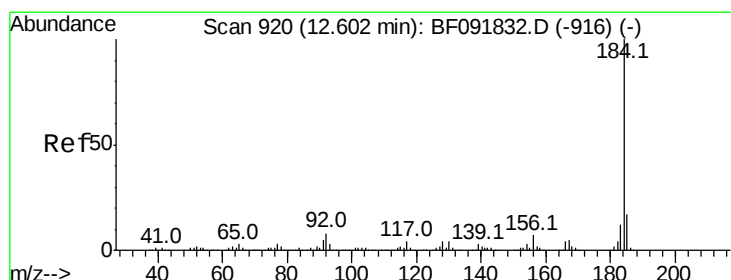
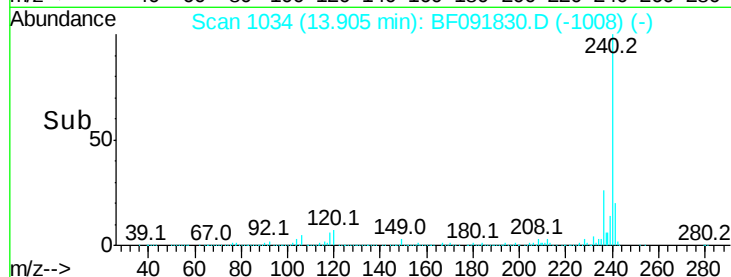
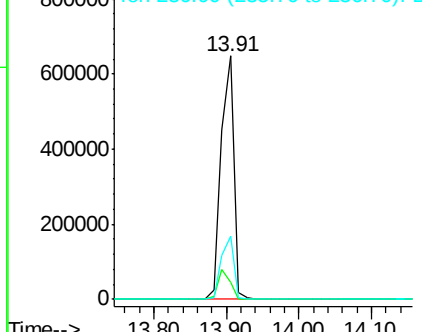
PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 12.88 ng

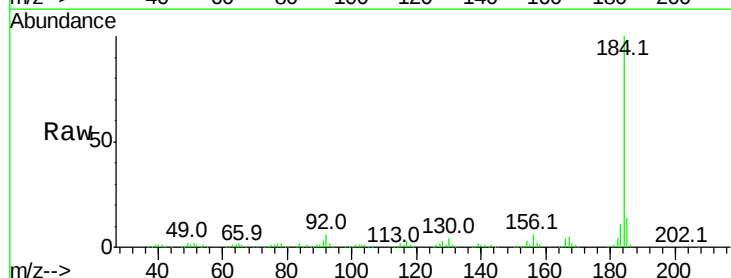
RT: 12.60 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

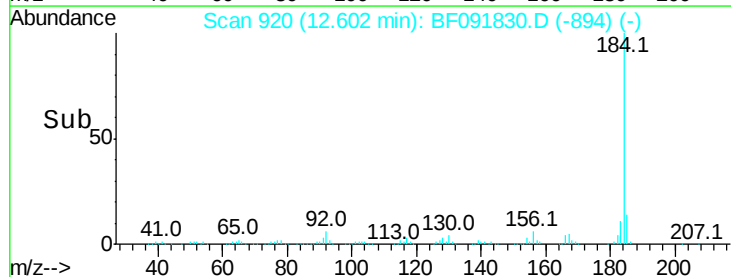
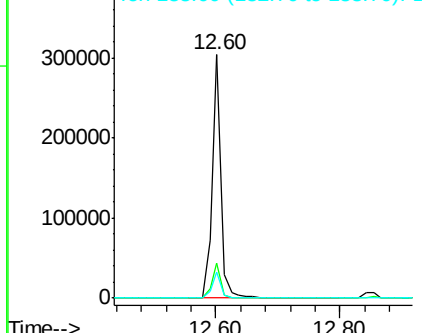
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	13.4	20.0
183	10.7	9.2	13.8

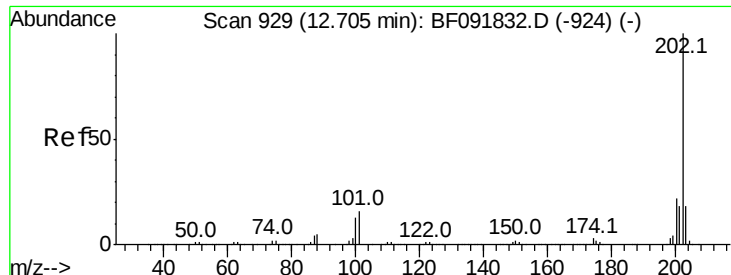


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77
Pvrene
Concen: 10.81 ng
RT: 12.71 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF091830.D
Acq: 21 Dec 2016 12:43

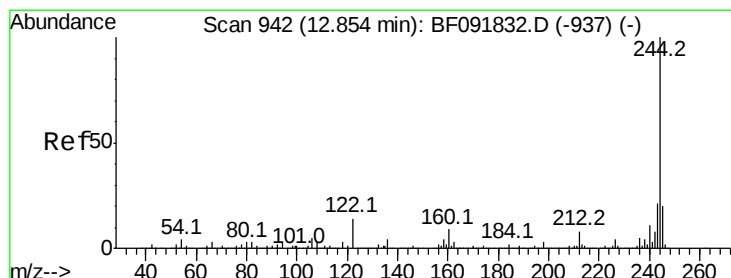
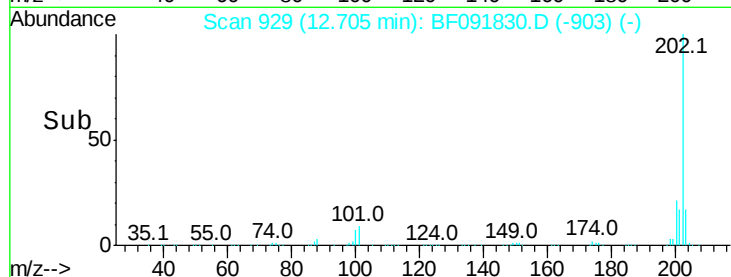
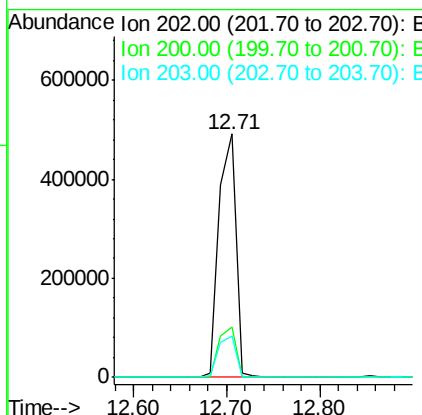
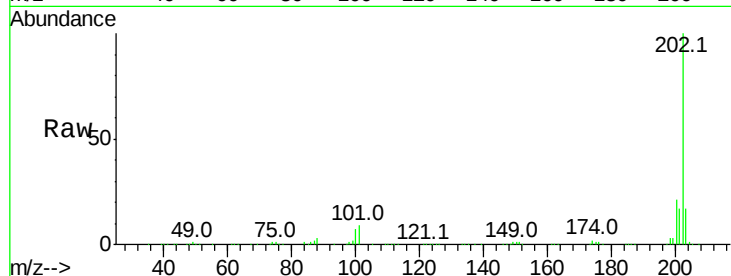
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
202	100	618243		
200	20.5		17.7	26.5
203	17.0		14.7	22.1

Manual Integrations
APPROVED

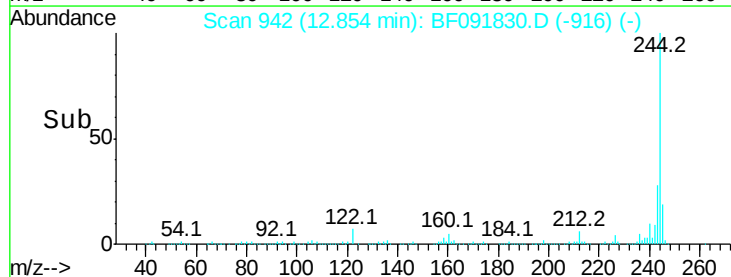
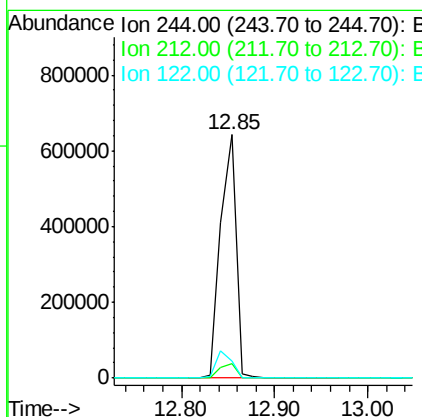
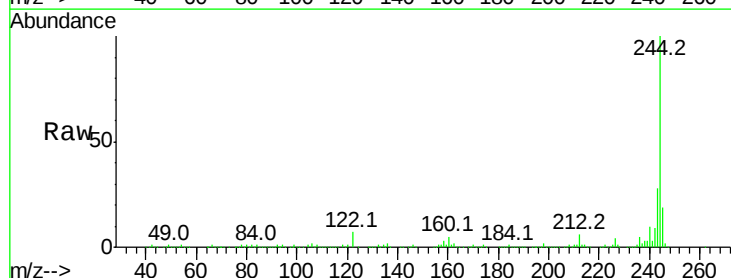
sohil
12/22/2016 7:11:19 PM

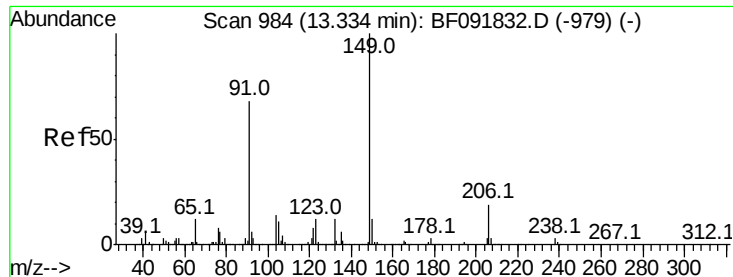
PM



#78
Terphenyl-d14
Concen: 23.62 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF091830.D
Acq: 21 Dec 2016 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	740682		
212	6.2		6.2	9.2
122	7.1		11.4	17.2#





#79
Butylbenzylphthalate
Concen: 9.94 ng
RT: 13.33 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF091830.D
Acq: 21 Dec 2016 12:43

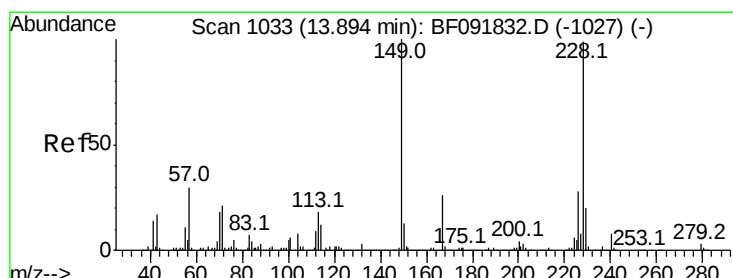
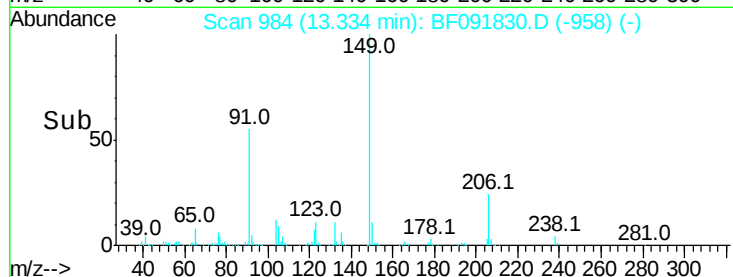
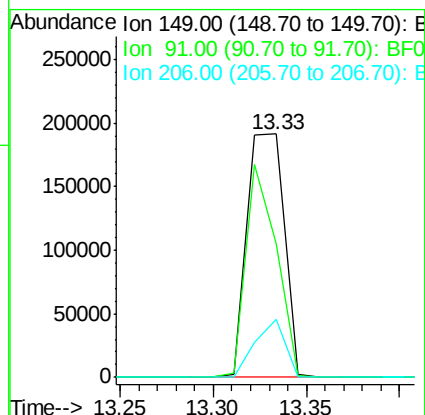
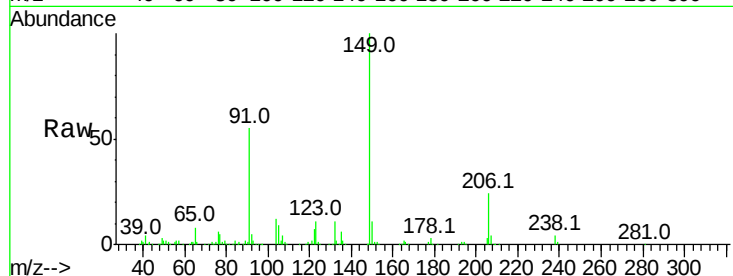
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
149	100		
91	54.9	63.9	95.9#
206	24.0	14.6	21.8#

Manual Integrations
APPROVED

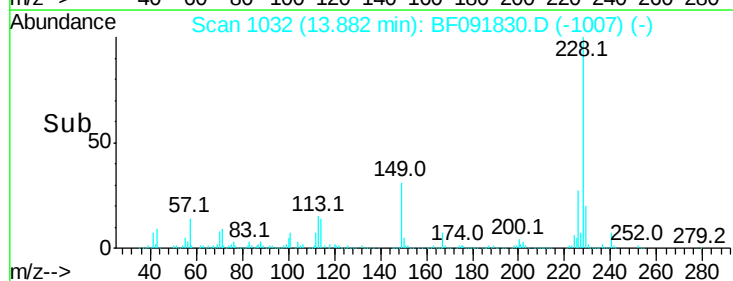
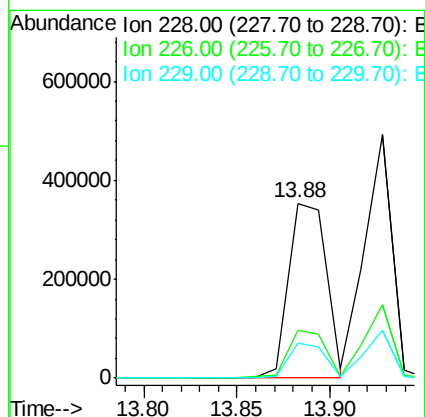
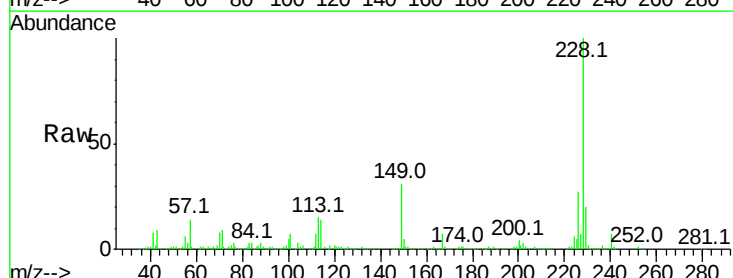
sohil
12/22/2016 7:11:19 PM

PM



#80
Benzo(a)anthracene
Concen: 11.05 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF091830.D
Acq: 21 Dec 2016 12:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.4	33.6
229	19.9	16.2	24.4





#81
 3,3'-Dichlorobenzidine
 Concen: 10.77 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF091830.D
 Acq: 21 Dec 2016 12:43

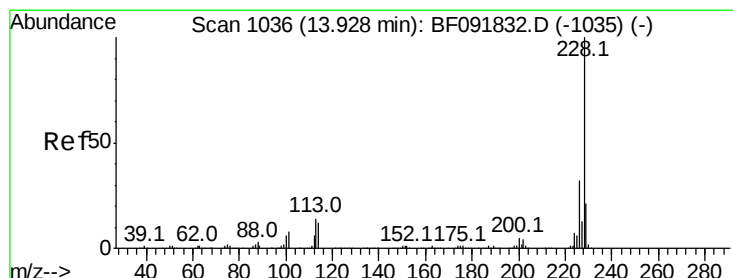
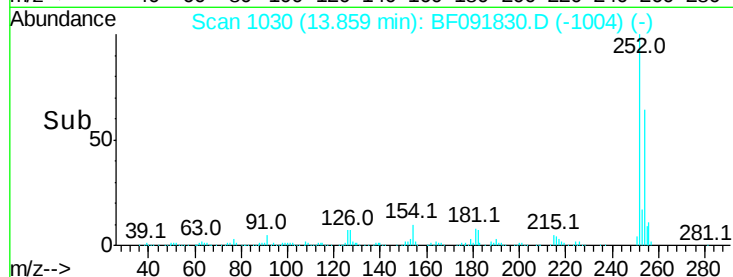
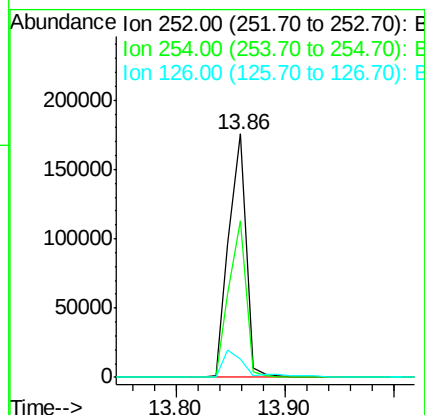
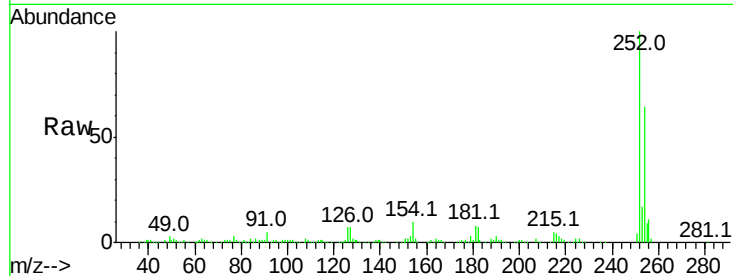
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
252	100	195236		
254	64.4	52.3	78.5	
126	7.4	13.6	20.4	

Manual Integrations
 APPROVED

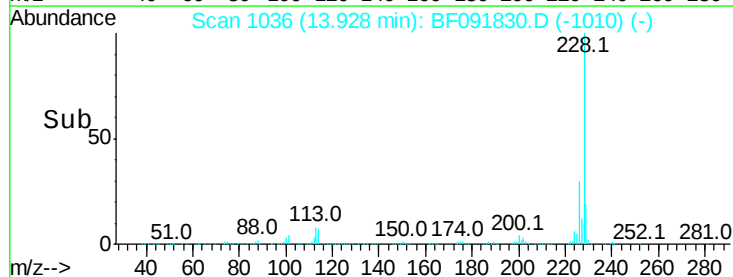
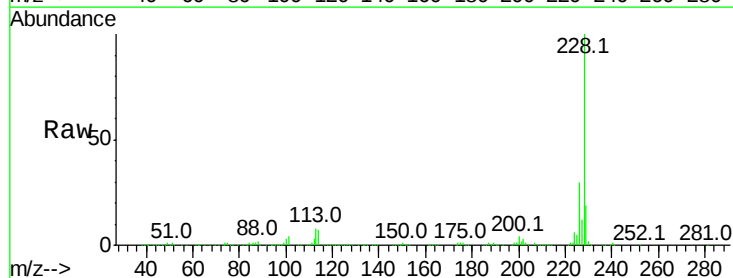
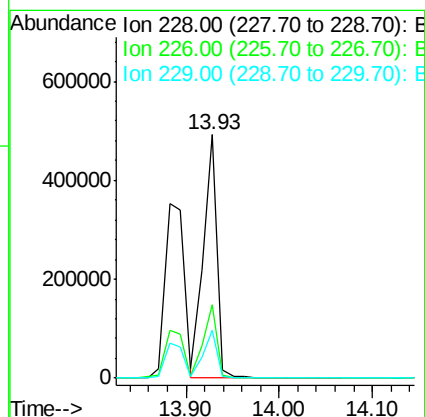
sohil
 12/22/2016 7:11:19 PM

PM



#82
 Chrysene
 Concen: 10.80 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF091830.D
 Acq: 21 Dec 2016 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	506898		
226	30.3	25.4	38.0	
229	19.5	16.2	24.2	





#83
 Bis(2-ethylhexyl)phthalate
 Concen: 9.97 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF091830.D
 Acq: 21 Dec 2016 12:43

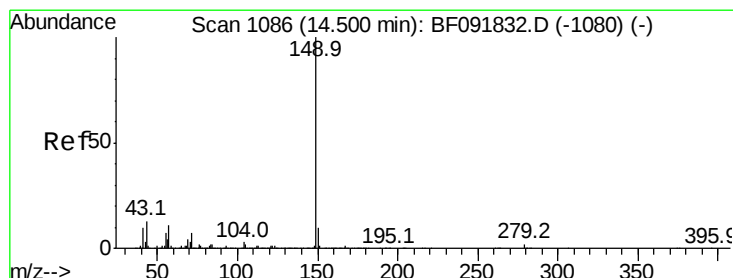
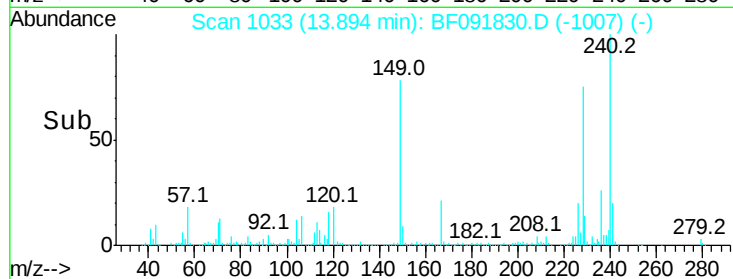
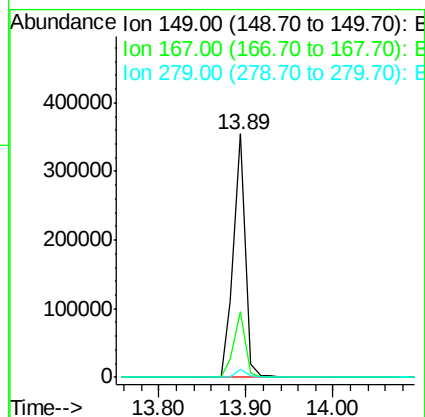
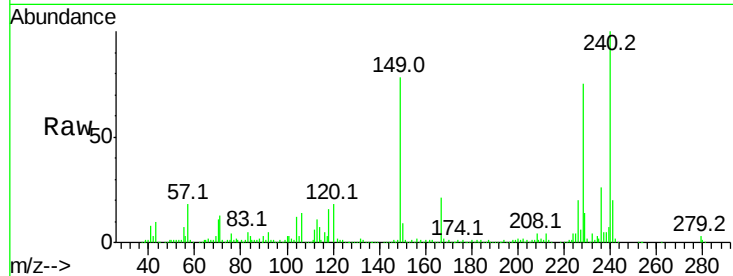
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
149	100	338349		
167	27.0		20.2	30.4
279	3.3		1.8	2.8

Manual Integrations
 APPROVED

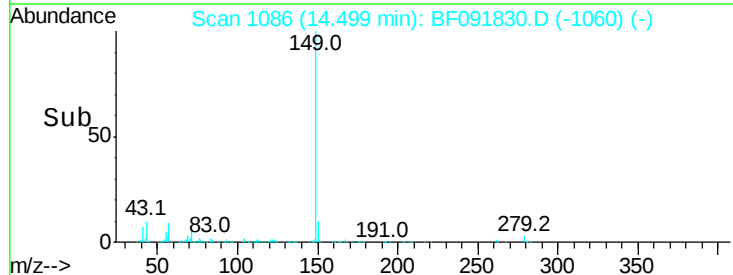
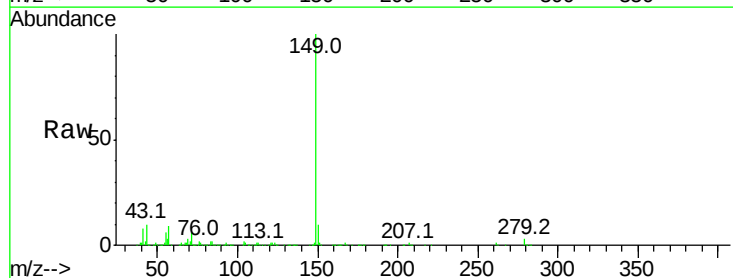
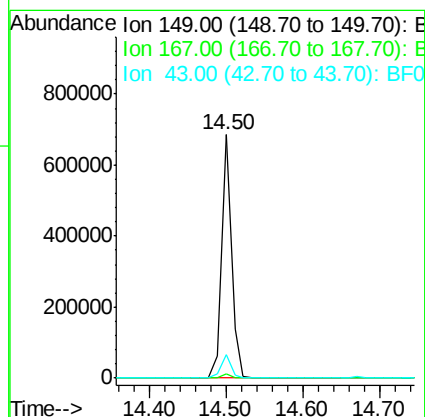
sohil
 12/22/2016 7:11:19 PM

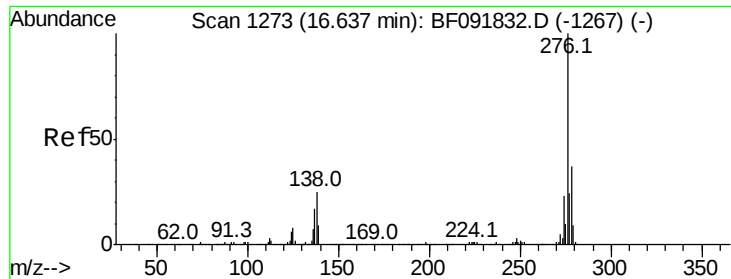
PM



#84
 Di-n-octyl phthalate
 Concen: 9.82 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF091830.D
 Acq: 21 Dec 2016 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	614525		
167	1.7		1.3	1.9
43	9.6		8.9	13.3





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 9.15 ng
 RT: 16.63 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF091830.D
 Acq: 21 Dec 2016 12:43

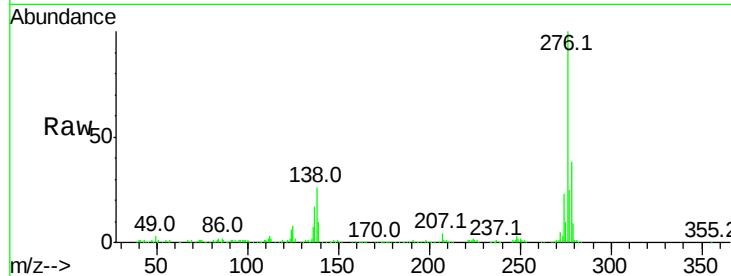
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.6	21.8	32.6
277	25.2	20.2	30.4

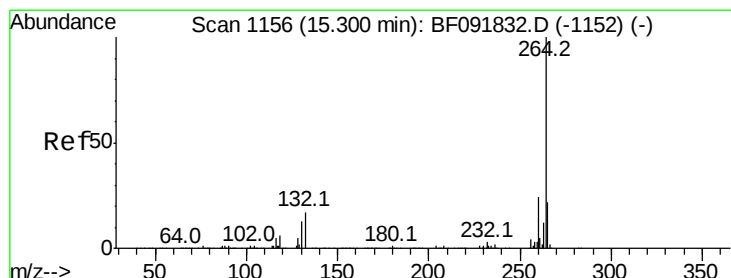
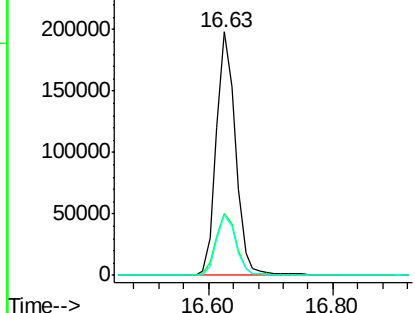
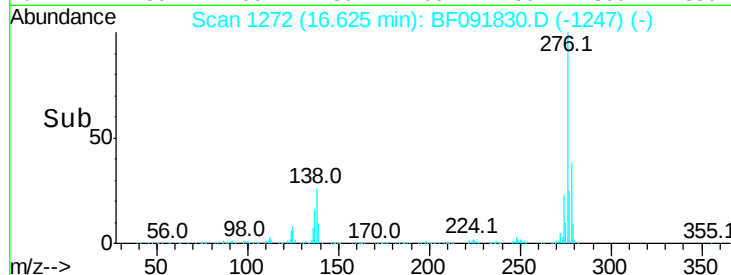
Manual Integrations
 APPROVED

sohil
 12/22/2016 7:11:19 PM

PM

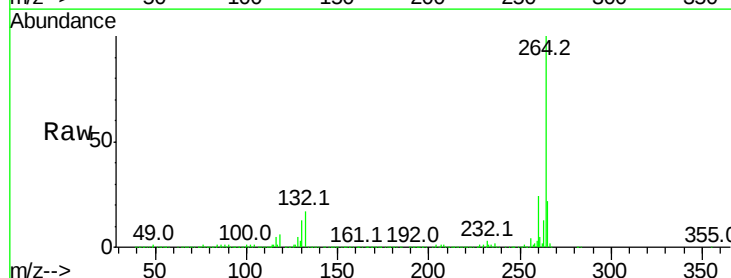


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

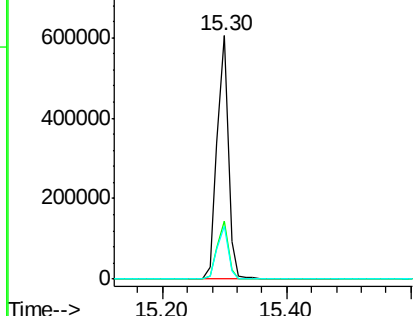
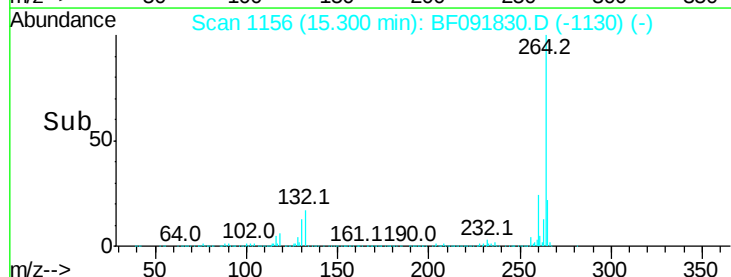


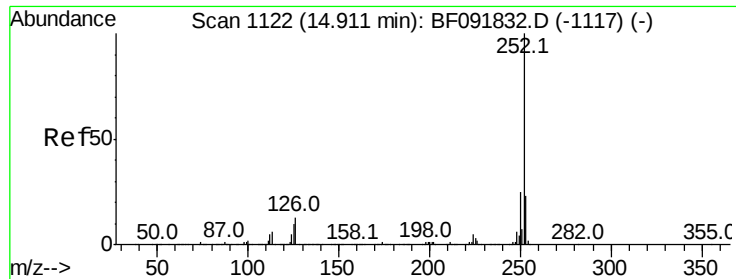
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF091830.D
 Acq: 21 Dec 2016 12:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.7	17.4	26.0



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





#87

Benzo(b)fluoranthene

Concen: 9.81 ng m

RT: 14.90 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

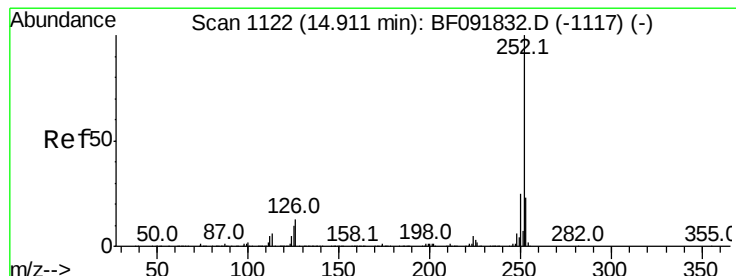
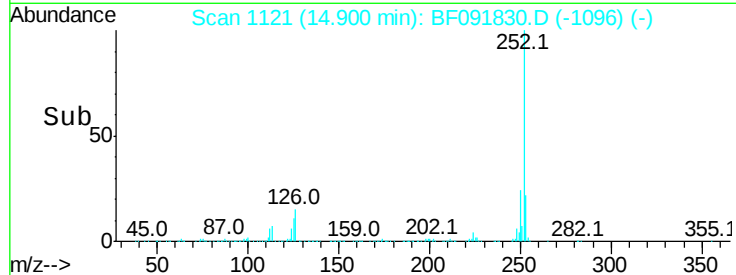
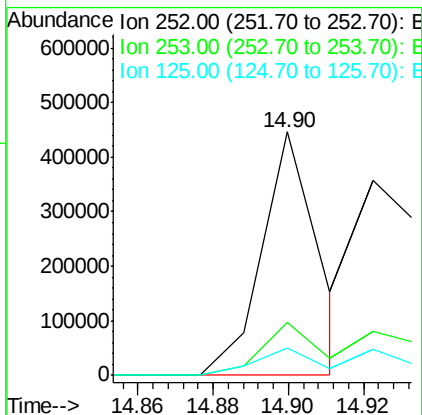
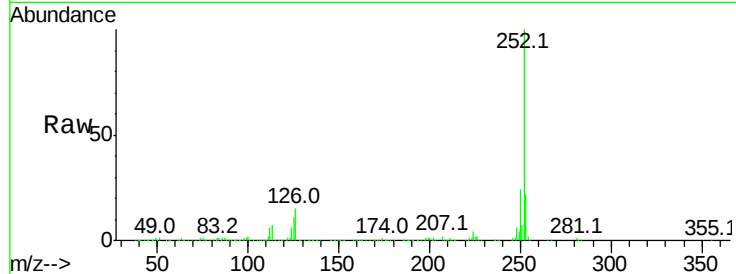
SSTDICC010

Tot Ion:	252	Resp:	464658
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.2	27.4
125	11.2	9.8	14.6

Manual Integrations
APPROVED

sohil
12/22/2016 7:11:19 PM

PM



#88

Benzo(k)fluoranthene

Concen: 13.78 ng m

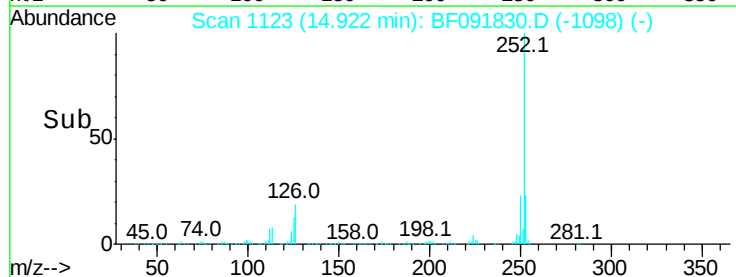
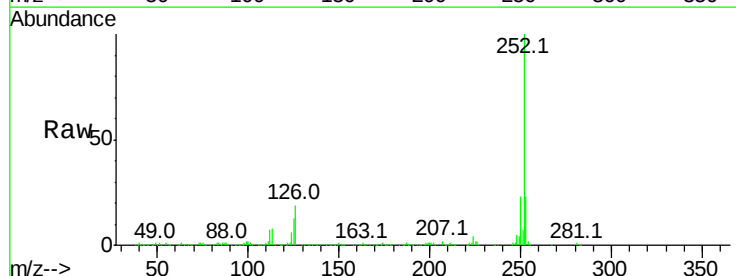
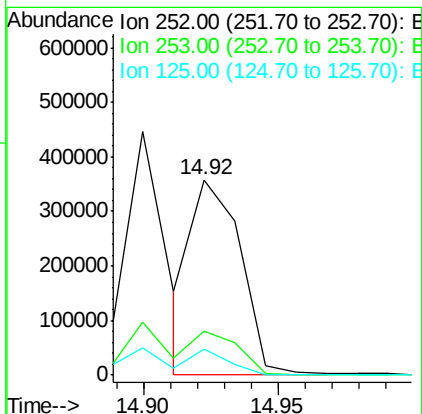
RT: 14.92 min Scan# 1123

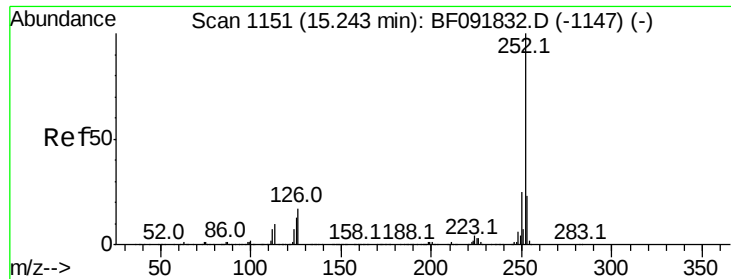
Delta R.T. -0.01 min

Lab File: BF091830.D

Acq: 21 Dec 2016 12:43

Tgt Ion:	252	Resp:	458328
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.5	27.7
125	13.4	8.9	13.3#





#89
Benzo(a)pyrene
Concen: 10.99 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF091830.D
Acq: 21 Dec 2016 12:43

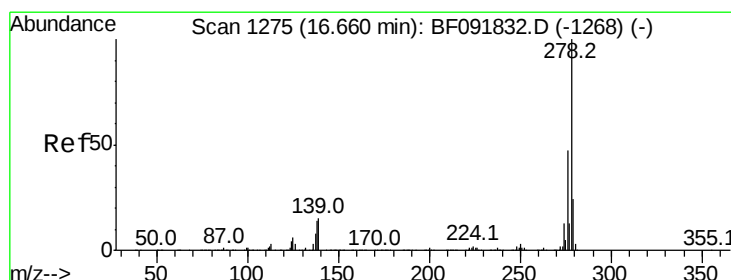
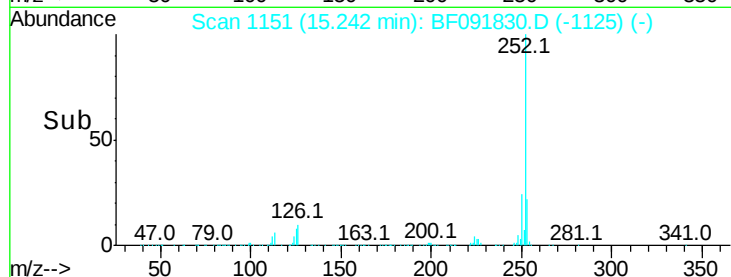
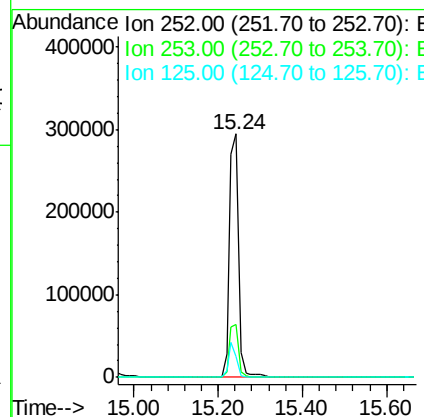
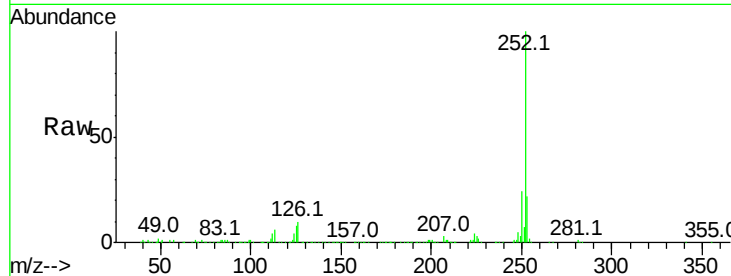
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	8.4	10.0	15.0

Manual Integrations
APPROVED

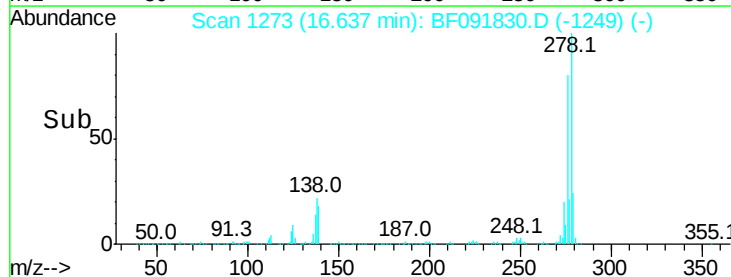
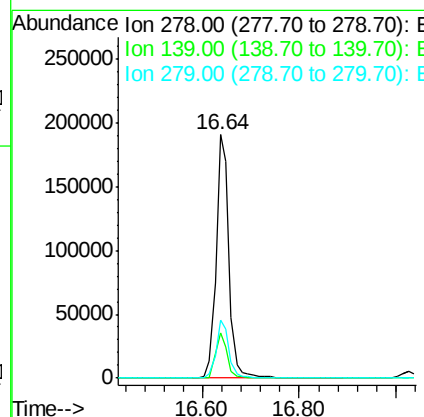
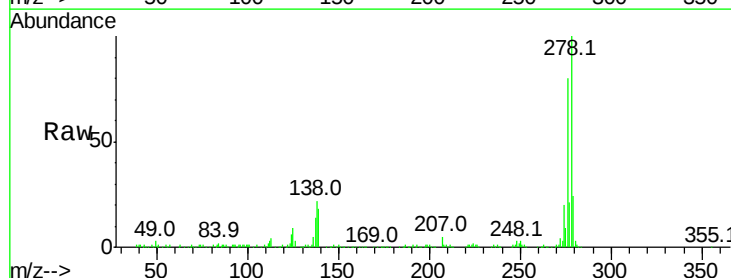
sohil
12/22/2016 7:11:19 PM

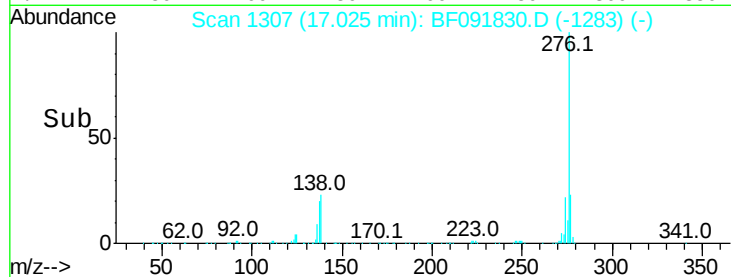
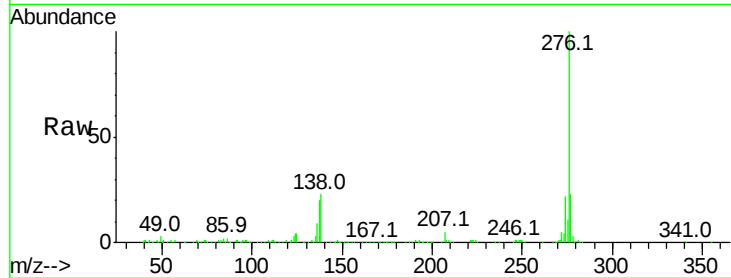
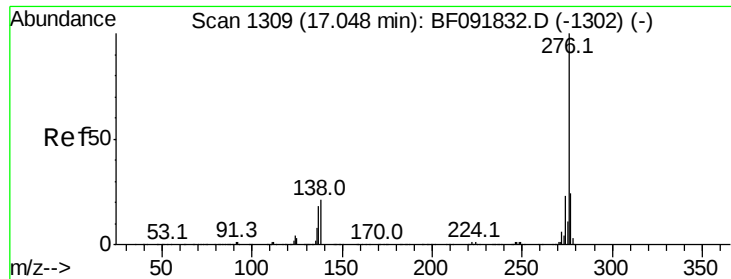
PM



#90
Dibenzo(a,h)anthracene
Concen: 10.24 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF091830.D
Acq: 21 Dec 2016 12:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.8	22.2
279	23.6	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 10.11 ng
 RT: 17.03 min Scan# 1307
 Delta R.T. -0.02 min
 Lab File: BF091830.D
 Acq: 21 Dec 2016 12:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.2	19.2	28.8	
138	22.9	16.0	24.0	

Manual Integrations
 APPROVED

sohil
 12/22/2016 7:11:19 PM

PM

