

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093430.D
 Acq On : 8 Mar 2017 15:53
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 3/10/2017 8:11:33 AM

Quant Time: Mar 08 17:02:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	197620	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	793527	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	381205	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	700534	20.00	ng	0.01
75) Chrysene-d12	13.93	240	550057	20.00	ng	0.01
86) Perylene-d12	15.35	264	516867	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	981116	82.63	ng	0.00
7) Phenol-d6	6.41	99	1175963	78.54	ng	0.00
23) Nitrobenzene-d5	7.34	82	1209549	84.57	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	212959	85.75	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1715078	83.68	ng	0.00
78) Terphenyl-d14	12.87	244	1754545	82.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	271622	41.53	ng	# 85
3) Pyridine	2.97	79	731391	43.86	ng	91
4) n-Nitrosodimethylamine	2.94	42	331668	41.64	ng	88
6) Aniline	6.42	93	786374	38.27	ng	# 66
8) 2-Chlorophenol	6.55	128	511429	38.44	ng	93
9) Benzaldehyde	6.31	77	385837	43.86	ng	88
10) Phenol	6.44	94	696347	37.95	ng	92
11) bis(2-Chloroethyl)ether	6.50	93	561043	37.83	ng	92
12) 1,3-Dichlorobenzene	6.70	146	580175m	38.10	ng	
13) 1,4-Dichlorobenzene	6.78	146	597106	38.30	ng	99
14) 1,2-Dichlorobenzene	6.94	146	560351	40.59	ng	95
15) Benzyl Alcohol	6.93	79	421649	39.50	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	994406	40.37	ng	83
17) 2-Methylphenol	7.04	107	433781	38.55	ng	# 92
18) Hexachloroethane	7.27	117	208208	39.60	ng	# 88
19) n-Nitroso-di-n-propylamine	7.19	70	382634	37.17	ng	92
20) 3+4-Methylphenols	7.20	107	599164	41.06	ng	# 76
22) Acetophenone	7.19	105	766824	40.16	ng	# 97
24) Nitrobenzene	7.36	77	633842	39.43	ng	100
25) Isophorone	7.60	82	1133656	39.31	ng	94
26) 2-Nitrophenol	7.68	139	306987	41.86	ng	91
27) 2,4-Dimethylphenol	7.73	122	493703	41.38	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	730762	40.14	ng	99
29) 2,4-Dichlorophenol	7.93	162	437236	38.96	ng	96
30) 1,2,4-Trichlorobenzene	8.00	180	478574	40.10	ng	96
31) Naphthalene	8.08	128	1582339	39.79	ng	99
32) Benzoic acid	7.89	122	209217	33.75	ng	97
33) 4-Chloroaniline	8.14	127	658469	40.80	ng	100
34) Hexachlorobutadiene	8.20	225	243957	39.68	ng	97
35) Caprolactam	8.53	113	150379	39.23	ng	# 29
36) 4-Chloro-3-methylphenol	8.63	107	468525	39.11	ng	96
37) 2-Methylnaphthalene	8.77	142	967952	38.26	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	470454	45.20	ng	100
40) Hexachlorocyclopentadiene	8.92	237	88560	40.71	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093430.D
 Acq On : 8 Mar 2017 15:53
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 3/10/2017 8:11:33 AM

Quant Time: Mar 08 17:02:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	287543	44.21	nq	91
43) 2,4,5-Trichlorophenol	9.11	196	310559	44.50	nq #	87
45) 1,1'-Biphenyl	9.24	154	1260810	45.40	nq	99
46) 2-Chloronaphthalene	9.26	162	986646	46.42	nq	99
47) 2-Nitroaniline	9.36	65	335996	44.71	nq	91
48) Acenaphthylene	9.67	152	1464074	41.76	nq	99
49) Dimethylphthalate	9.53	163	1081647	42.80	nq	98
50) 2,6-Dinitrotoluene	9.61	165	261632	47.18	nq #	84
51) Acenaphthene	9.84	154	887936	42.83	nq	97
52) 3-Nitroaniline	9.78	138	309731	46.49	nq #	79
53) 2,4-Dinitrophenol	9.90	184	136733	54.14	nq #	51
54) Dibenzofuran	10.01	168	1169740	45.08	nq	96
55) 4-Nitrophenol	9.97	139	133442	41.24	nq	85
56) 2,4-Dinitrotoluene	10.01	165	282185	41.42	nq #	58
57) Fluorene	10.36	166	996280	45.31	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	224955	45.68	nq	96
59) Diethylphthalate	10.23	149	978524	40.51	nq	99
60) 4-Chlorophenyl-phenylether	10.34	204	438595	44.50	nq	91
61) 4-Nitroaniline	10.40	138	317456	46.59	nq	82
62) Azobenzene	10.50	77	1221282	44.50	nq	97
64) 4,6-Dinitro-2-methylphenol	10.44	198	176065	38.79	nq	89
65) n-Nitrosodiphenylamine	10.47	169	873627	37.35	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	281584	38.01	nq #	88
67) Hexachlorobenzene	10.90	284	259650	36.71	nq #	88
68) Atrazine	11.00	200	264287	38.60	nq	99
69) Pentachlorophenol	11.11	266	101007	41.36	nq	98
70) Phenanthrene	11.32	178	1411380	35.30	nq	100
71) Anthracene	11.37	178	1587952	39.26	nq	98
72) Carbazole	11.53	167	1559529	41.04	nq	99
73) Di-n-butylphthalate	11.85	149	1694948	38.56	nq #	98
74) Fluoranthene	12.50	202	1424977	36.89	nq	99
76) Benzidine	12.63	184	785023	43.40	nq	99
77) Pyrene	12.73	202	1476172	36.90	nq	99
79) Butylbenzylphthalate	13.35	149	744748	44.22	nq	87
80) Benzo(a)anthracene	13.92	228	1246282	38.37	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	451684	39.70	nq #	98
82) Chrysene	13.97	228	1253233	41.70	nq	98
83) Bis(2-ethylhexyl)phthalate	13.90	149	957819	40.81	nq #	99
84) Di-n-octyl phthalate	14.52	149	1586085	40.54	nq	98
85) Indeno(1,2,3-cd)pyrene	16.73	276	1096704	43.59	nq #	94
87) Benzo(b)fluoranthene	14.95	252	1230191m	39.08	nq	
88) Benzo(k)fluoranthene	14.97	252	1100699m	36.26	nq	
89) Benzo(a)pyrene	15.29	252	1125416	39.12	nq	99
90) Dibenzo(a,h)anthracene	16.73	278	933476	39.22	nq	98
91) Benzo(g,h,i)perylene	17.13	276	960494	39.32	nq #	91

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

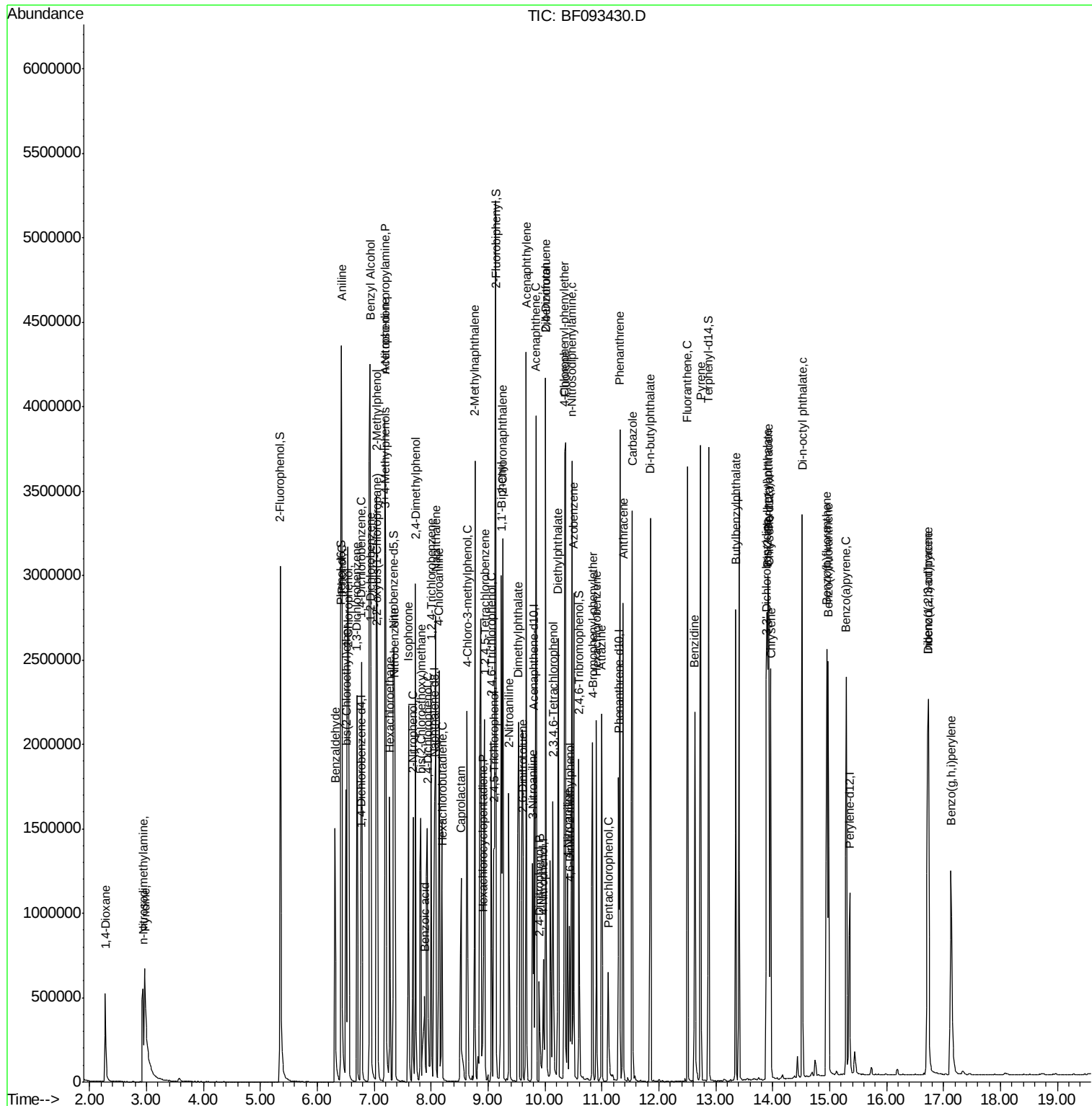
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\  
Data File : BF093430.D  
Acq On    : 8 Mar 2017 15:53  
Operator  : SJ/MA  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
```

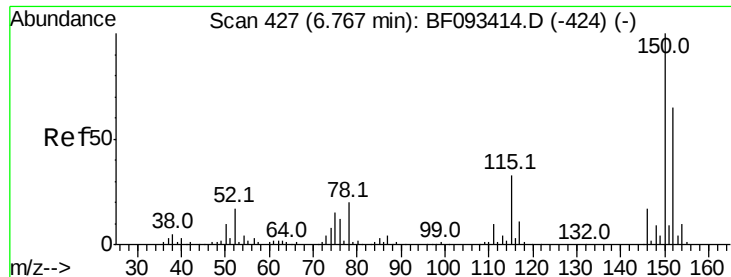
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

mohammad
3/10/2017 8:11:33 AM

Quant Time: Mar 08 17:02:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration





#1

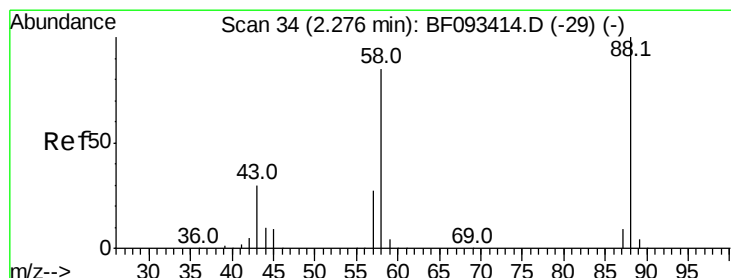
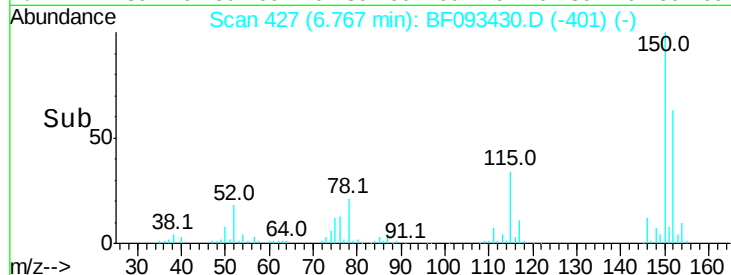
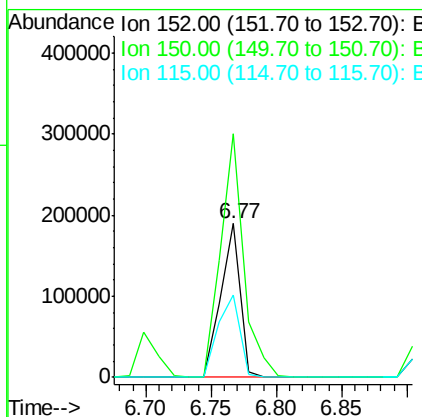
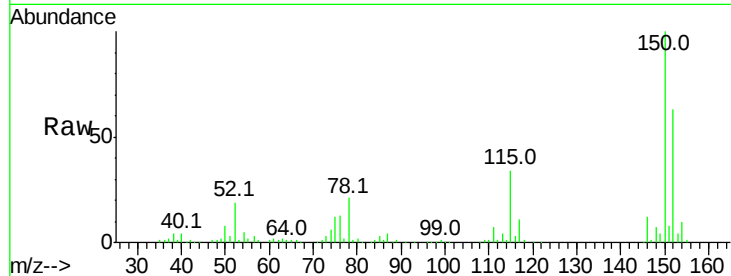
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.9	187.3
115	53.6	46.0	69.0

Manual Integrations
APPROVED

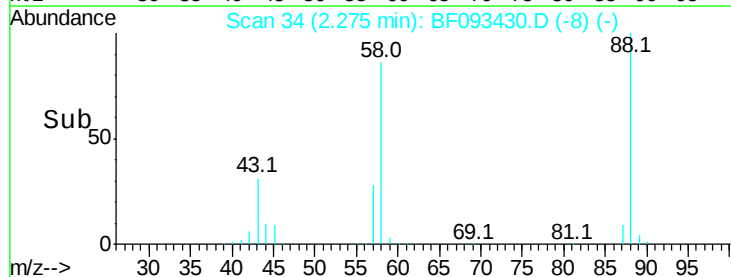
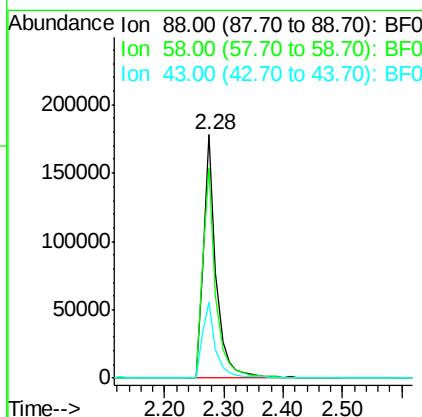
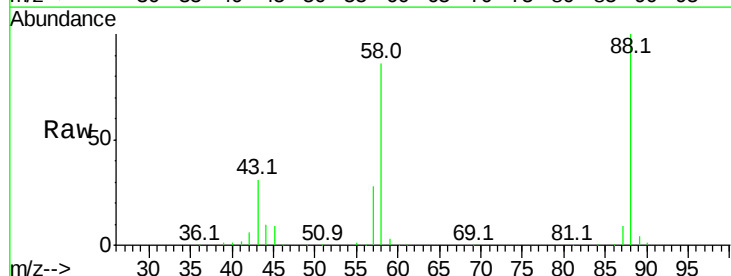
mohammad
3/10/2017 8:11:33 AM

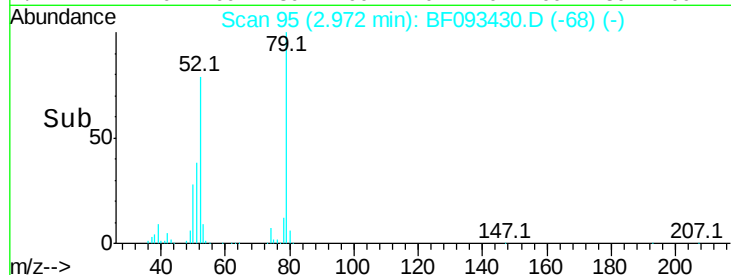
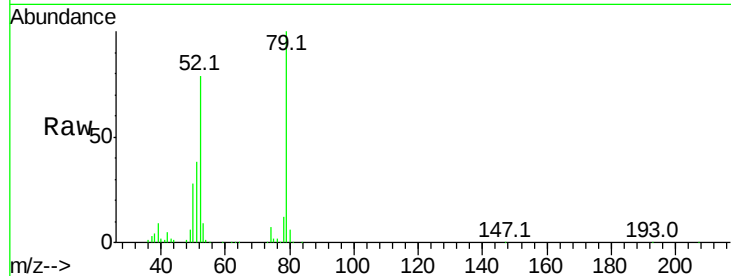
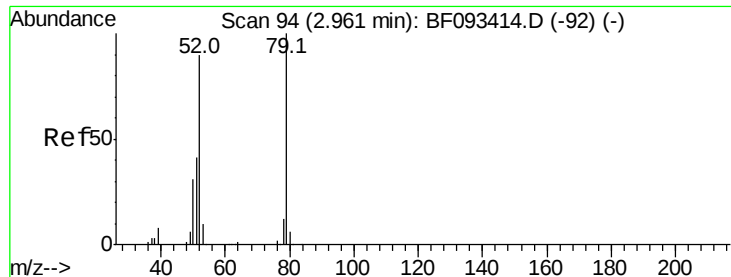


#2

1,4-Dioxane
Concen: 41.53 ng
RT: 2.28 min Scan# 34
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.9	57.8	86.8#
43	31.5	22.3	33.5





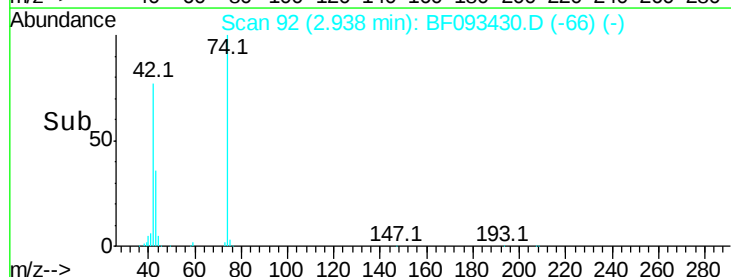
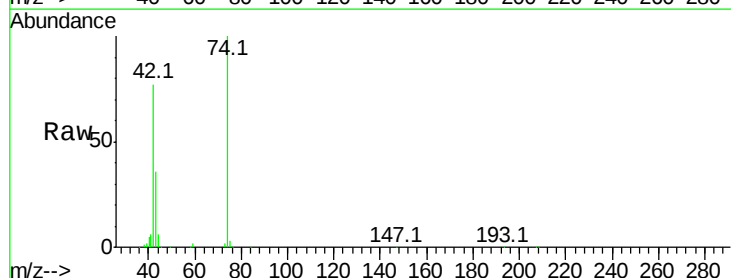
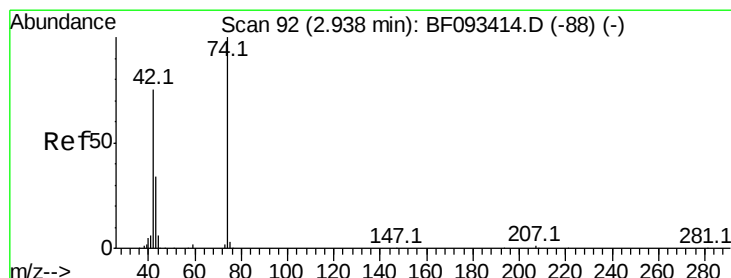
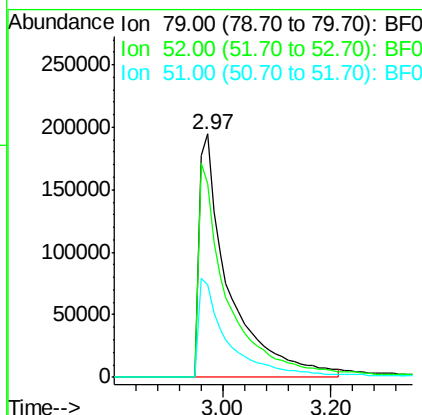
#3
Pvridine
Concen: 43.86 ng
RT: 2.97 min Scan# 95
Delta R.T. 0.01 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tot Ion	Ratio	Lower	Upper
79	100		
52	79.4	57.1	85.7
51	37.8	27.3	40.9

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

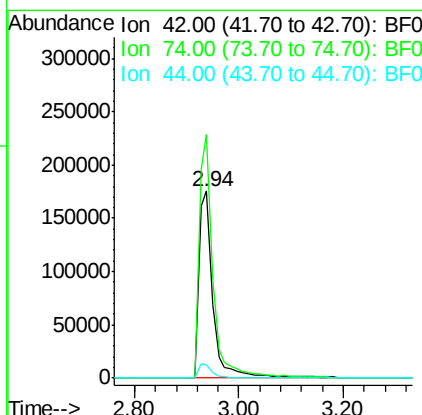
Manual Integrations
APPROVED

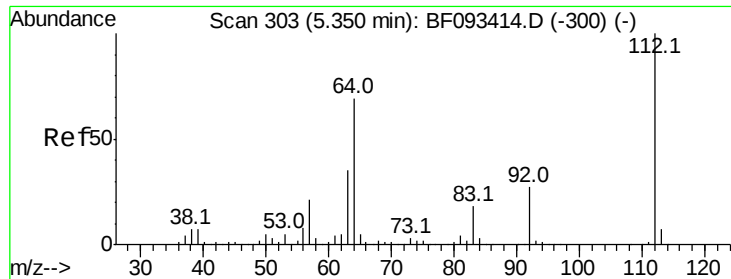
mohammad
3/10/2017 8:11:33 AM



#4
n-Nitrosodimethylamine
Concen: 41.64 ng
RT: 2.94 min Scan# 92
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	130.3	117.0	175.4
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 82.63 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

BNA_F

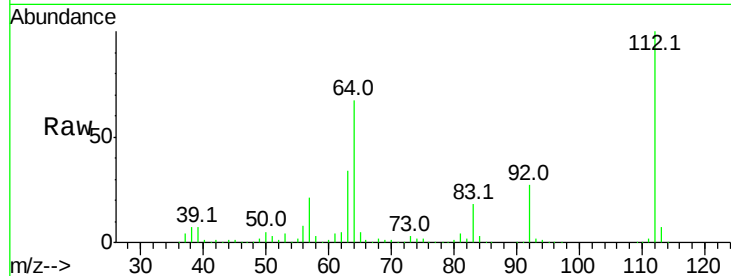
ClientSampleId :

SSTDCCC040

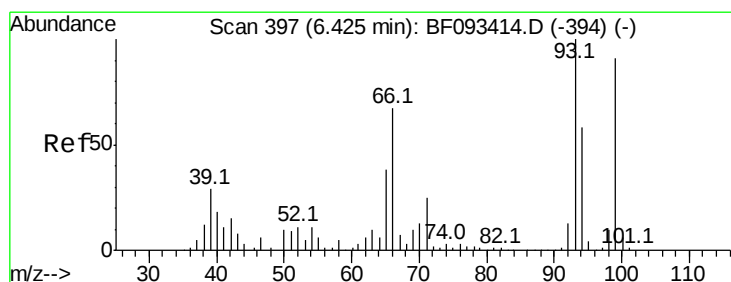
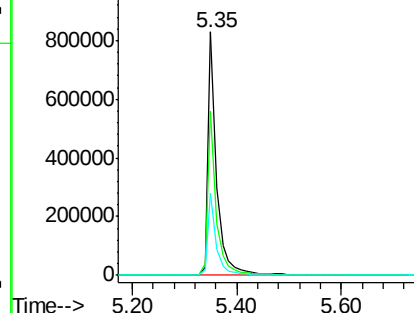
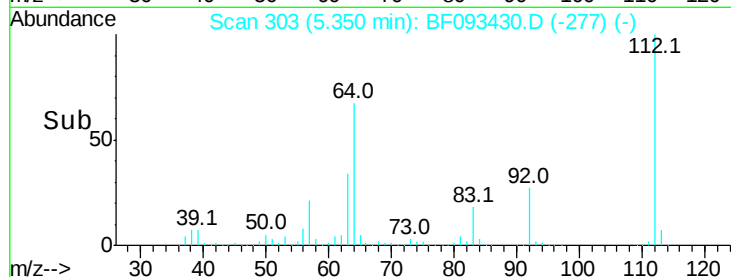
Tot Ion:	112	Resp:	981116
Ion Ratio	Lower	Upper	
112	100		
64	67.5	46.1	69.1
63	33.7	23.8	35.6

Manual Integrations
APPROVED

mohammad
3/10/2017 8:11:33 AM



Abundance Ion 112.00 (111.70 to 112.70): B



#6

Aniline

Concen: 38.27 ng

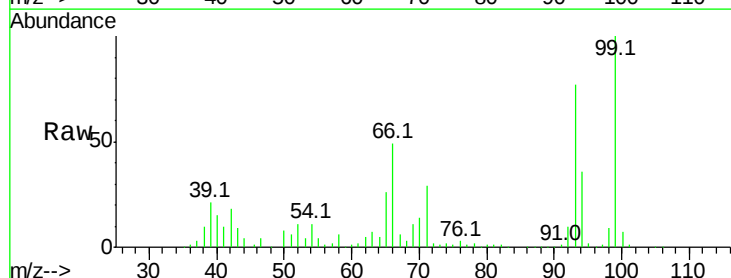
RT: 6.42 min Scan# 397

Delta R.T. -0.00 min

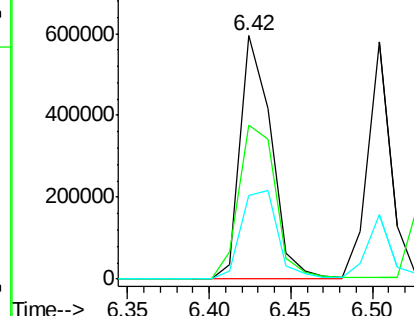
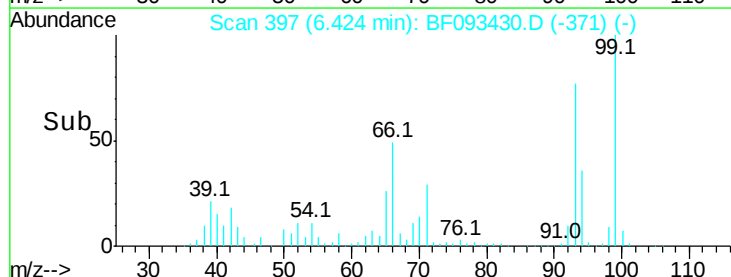
Lab File: BF093430.D

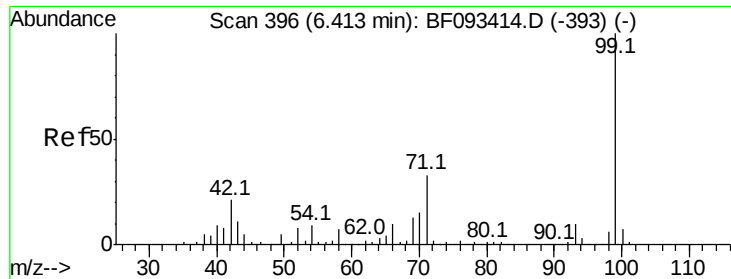
Acq: 8 Mar 2017 15:53

Tgt Ion:	93	Resp:	786374
Ion Ratio	Lower	Upper	
93	100		
66	63.4	76.2	114.2#
65	34.3	49.3	73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 78.54 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion: 99 Resp: 1175963

Ion Ratio Lower Upper

99 100

42 22.1 15.6 23.4

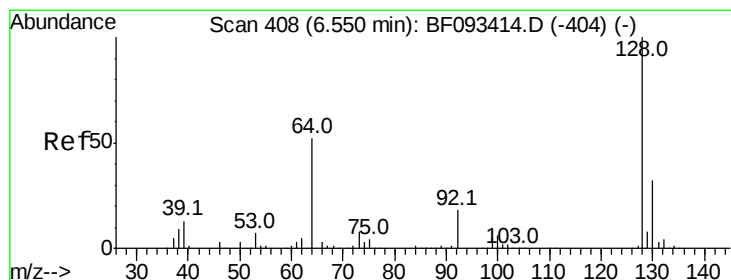
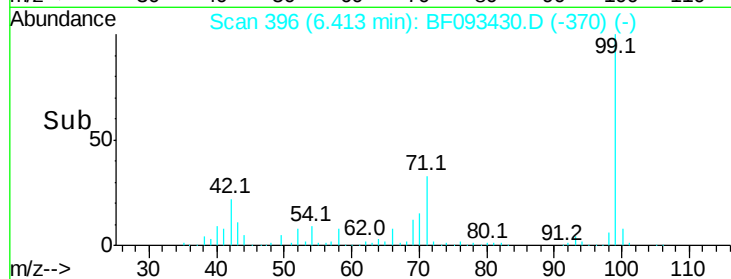
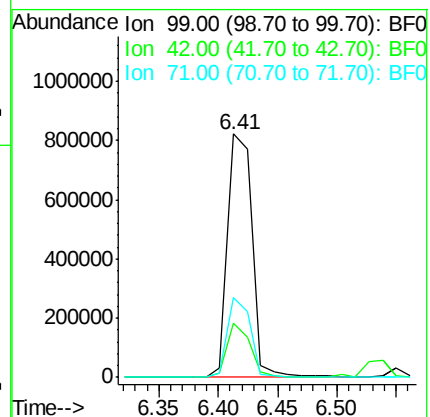
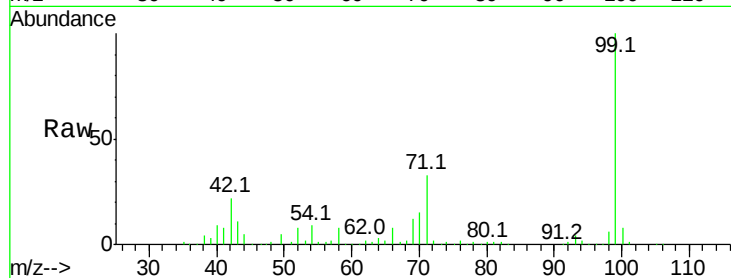
71 32.8 27.5 41.3

Manual Integrations

APPROVED

mohammad

3/10/2017 8:11:33 AM



#8

2-Chlorophenol

Concen: 38.44 ng

RT: 6.55 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

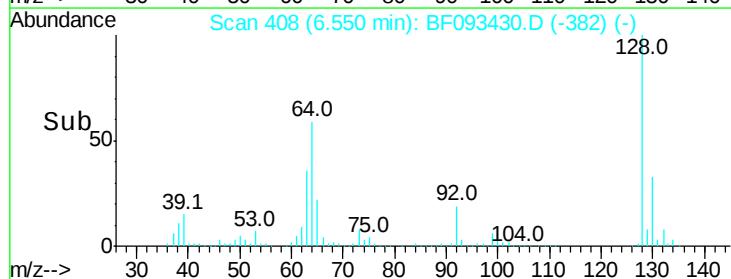
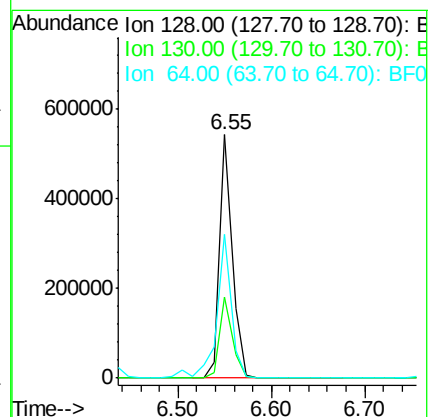
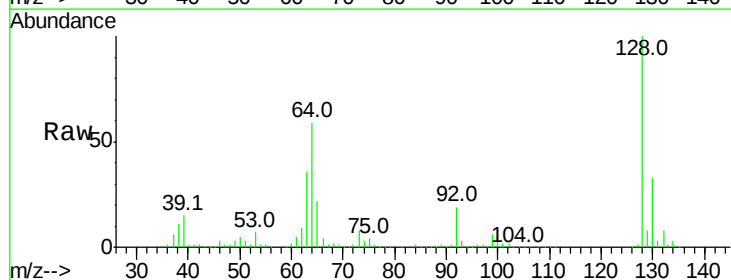
Tgt Ion:128 Resp: 511429

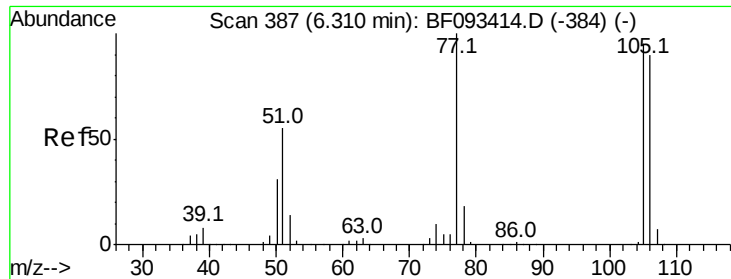
Ion Ratio Lower Upper

128 100

130 33.5 12.3 52.3

64 59.2 32.2 72.2





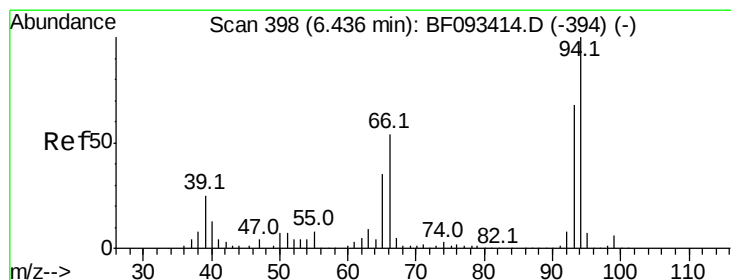
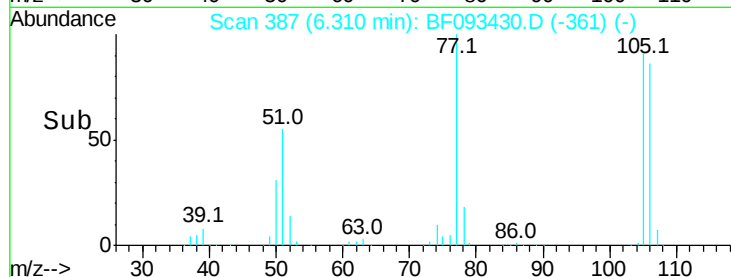
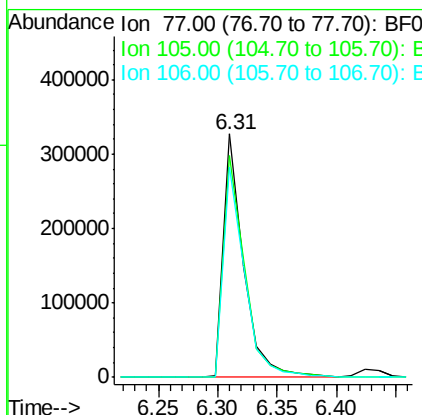
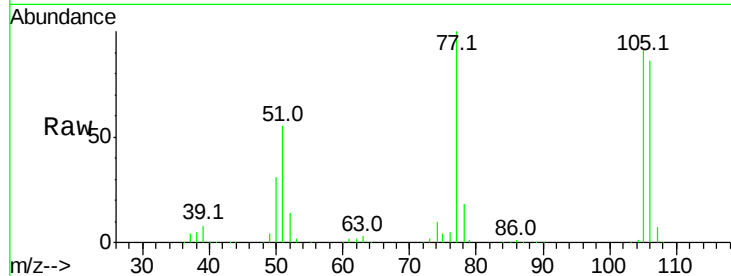
#9
Benzaldehyde
Concen: 43.86 ng
RT: 6.31 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	91.3	83.9	123.9
106	86.2	77.6	117.6

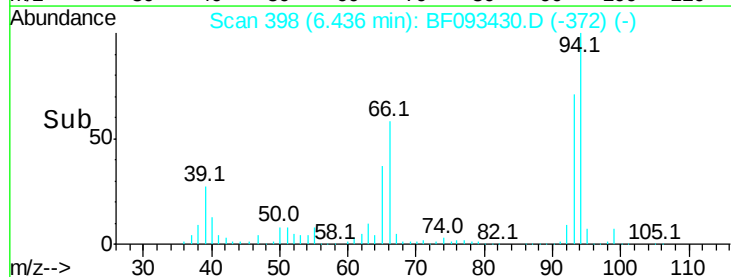
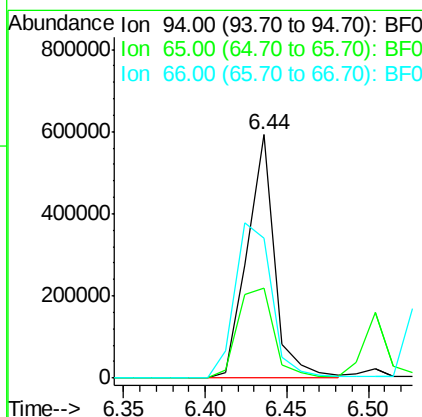
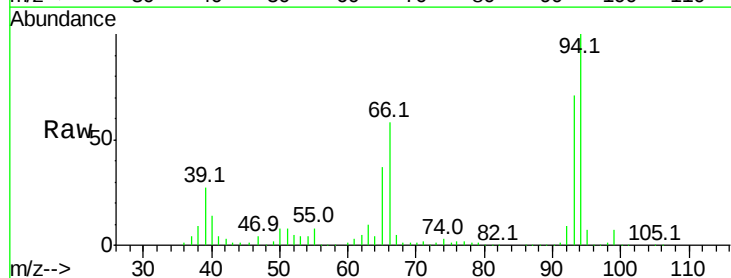
Manual Integrations
APPROVED

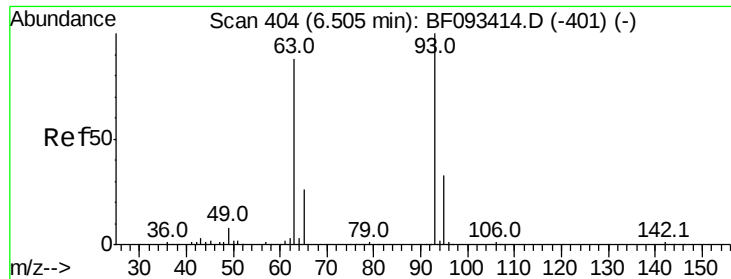
mohammad
3/10/2017 8:11:33 AM



#10
Phenol
Concen: 37.95 ng
RT: 6.44 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.9	21.4	61.4
66	57.7	44.0	84.0





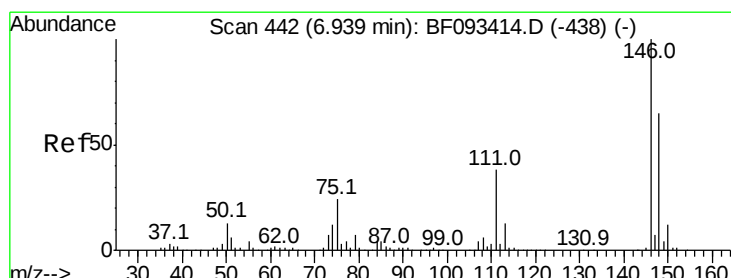
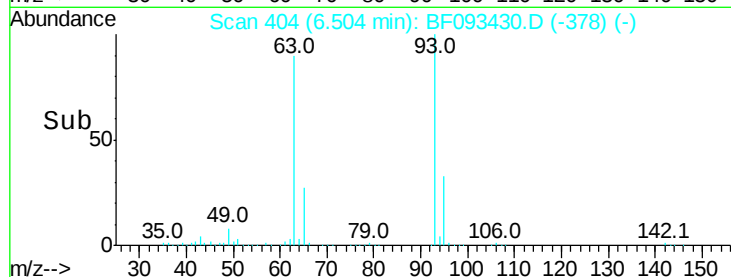
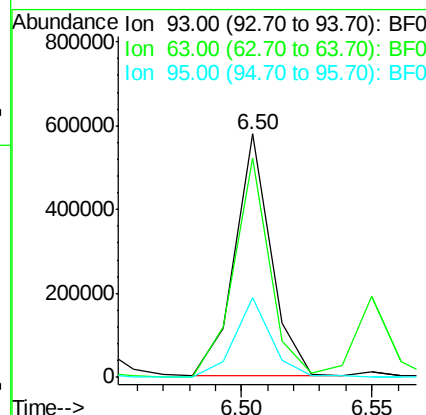
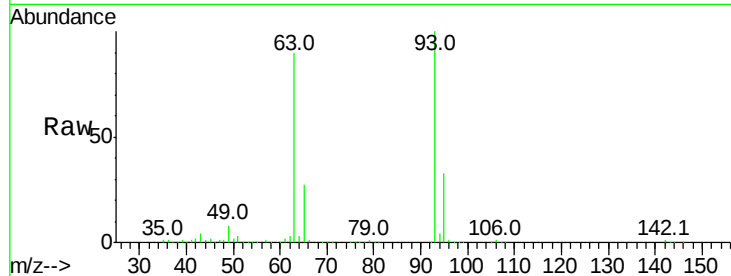
#11
bis(2-Chloroethyl)ether
Concen: 37.83 ng
RT: 6.50 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.8	60.4	100.4
95	33.0	12.8	52.8

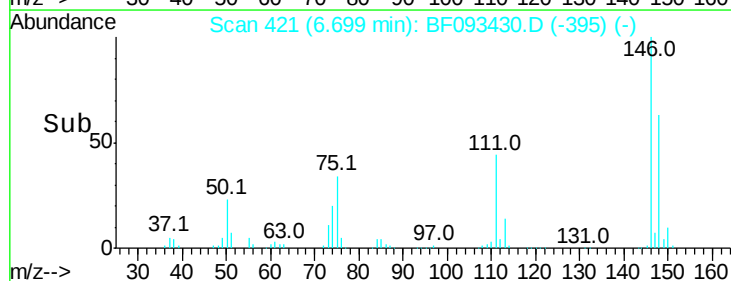
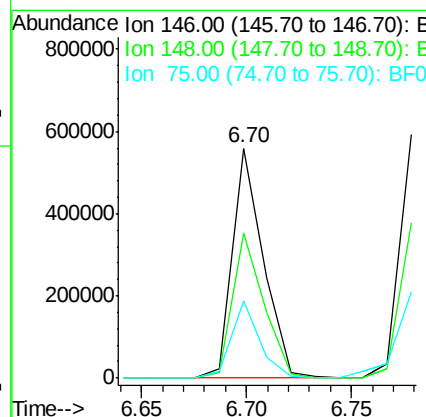
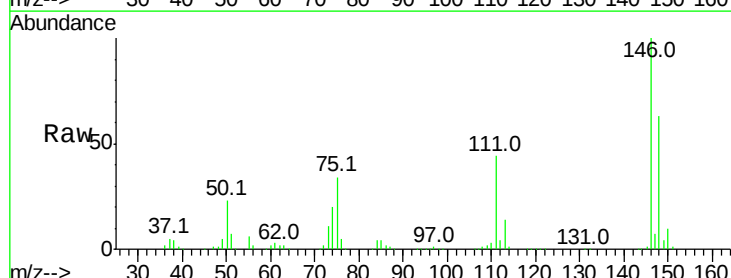
Manual Integrations
APPROVED

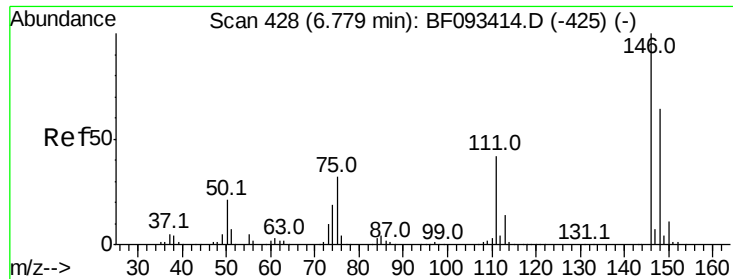
mohammad
3/10/2017 8:11:33 AM



#12
1,3-Dichlorobenzene
Concen: 38.10 ng m
RT: 6.70 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	53.4	80.0
75	33.8	18.5	27.7#





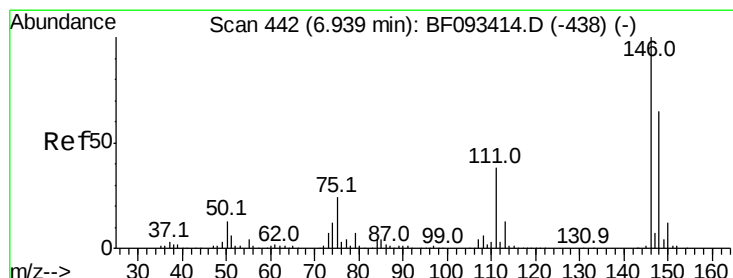
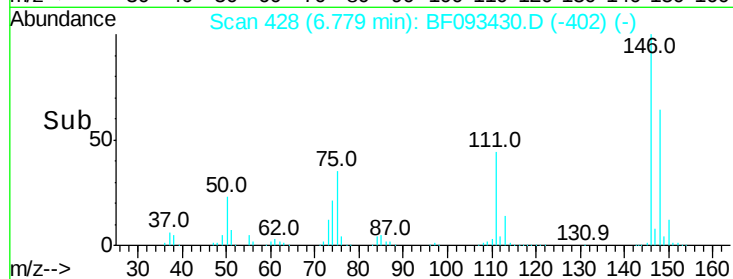
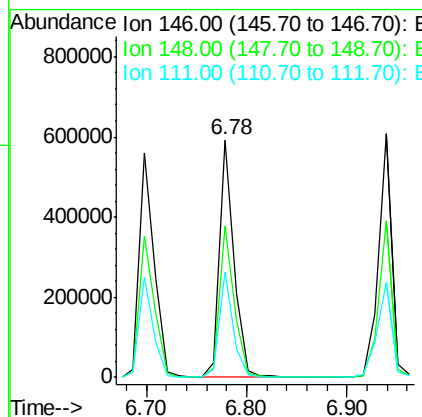
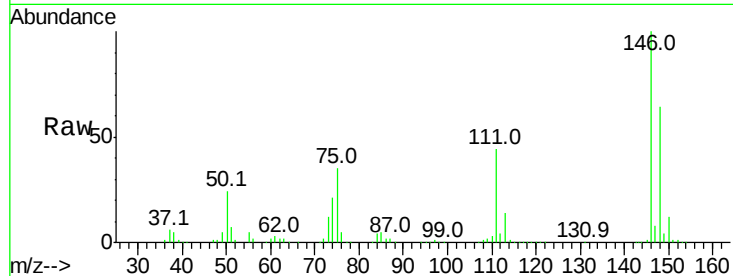
#13
 1,4-Dichlorobenzene
 Concen: 38.30 ng
 RT: 6.78 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	76.0
111	44.3	36.2	54.4

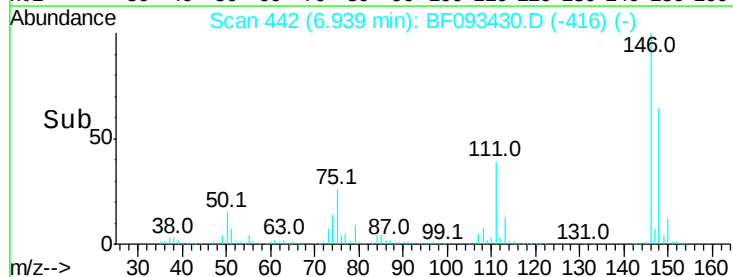
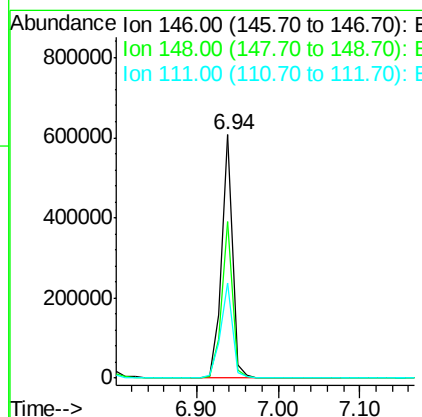
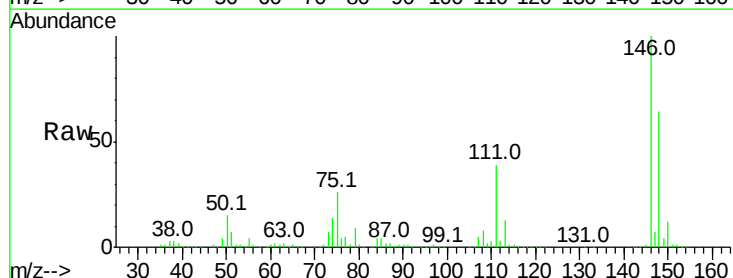
Manual Integrations
 APPROVED

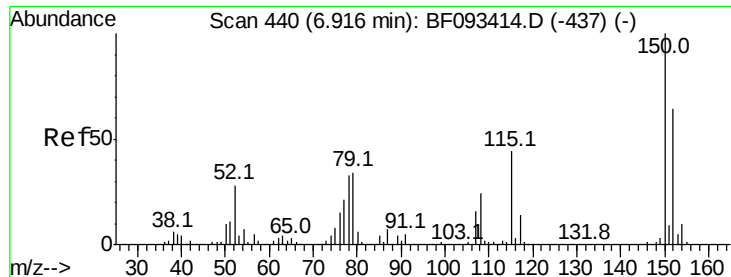
mohammad
 3/10/2017 8:11:33 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.59 ng
 RT: 6.94 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.2
111	39.0	36.2	54.2





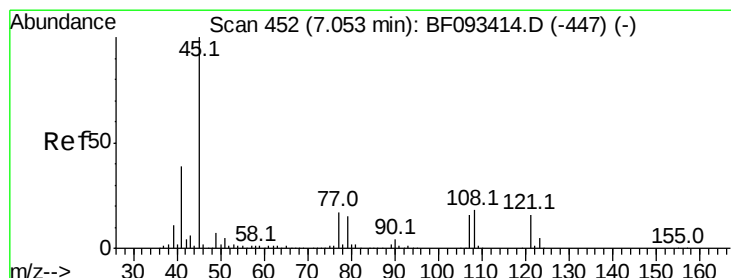
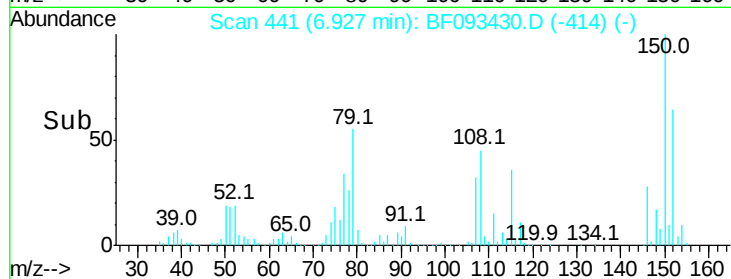
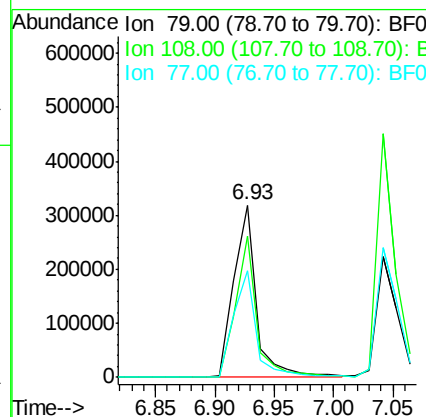
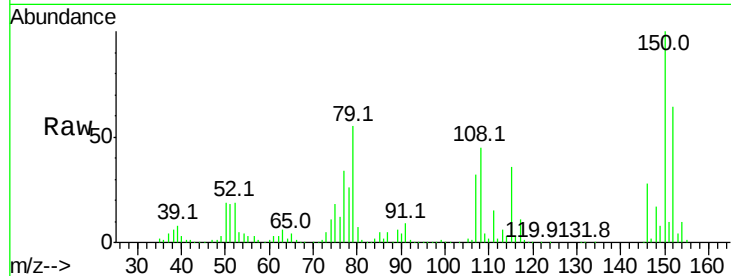
#15
Benzyl Alcohol
Concen: 39.50 ng
RT: 6.93 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.1	61.4	92.0
77	62.0	50.9	76.3

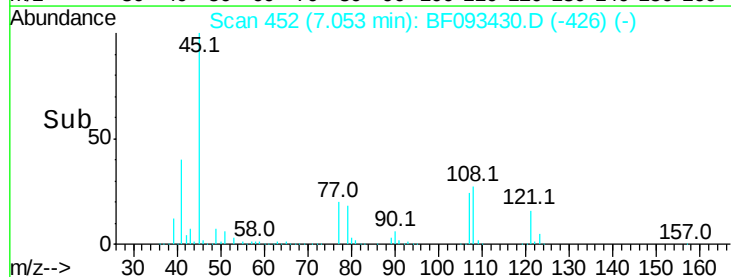
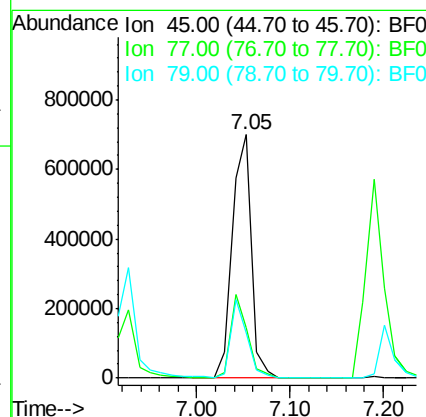
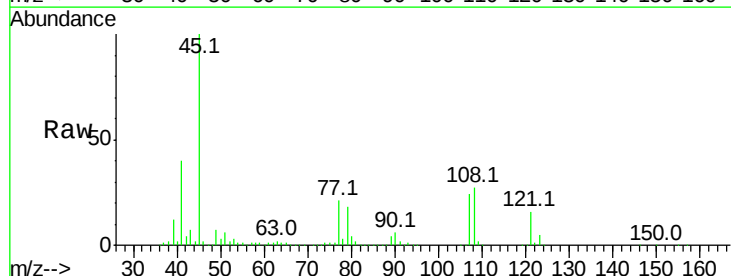
Manual Integrations
APPROVED

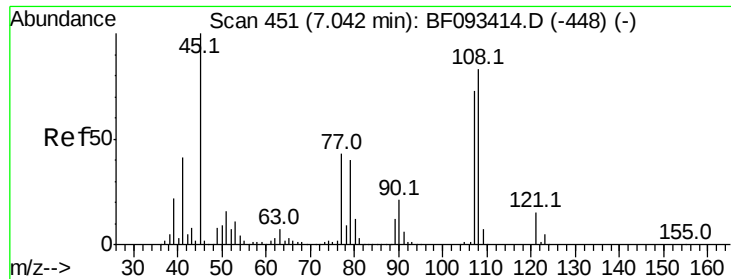
mohammad
3/10/2017 8:11:33 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.37 ng
RT: 7.05 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.8	0.0	34.6
79	18.3	0.0	31.2





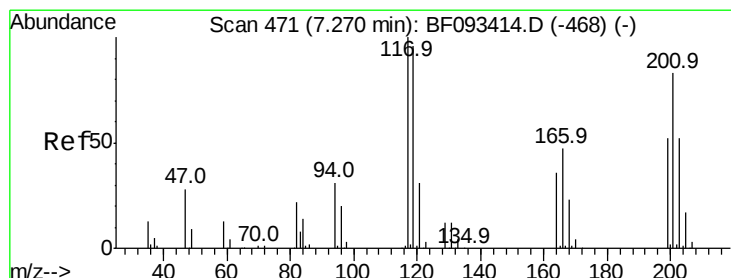
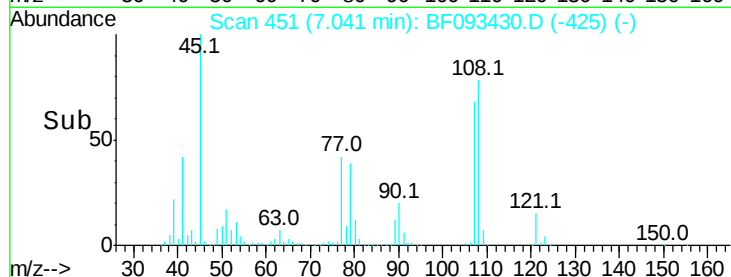
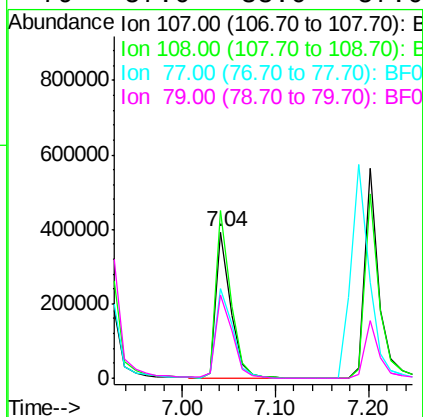
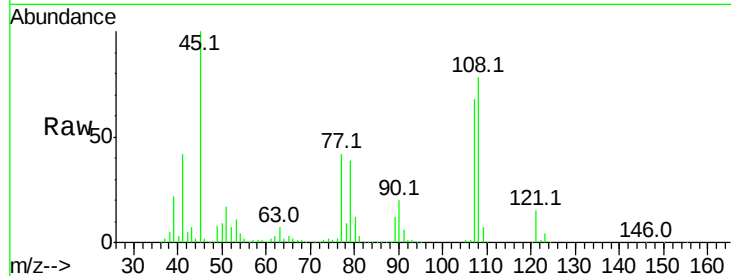
#17
2-Methylphenol
Concen: 38.55 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.6	93.0	139.6	
77	61.3	39.8	59.8	
79	57.0	38.0	57.0	

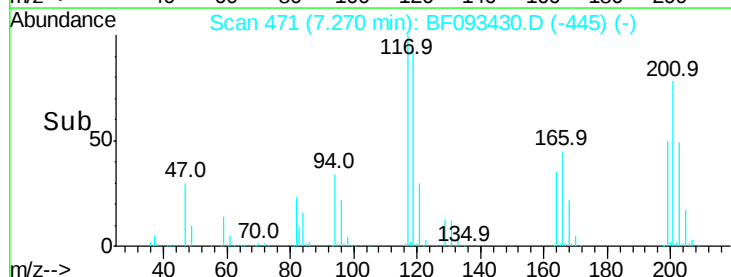
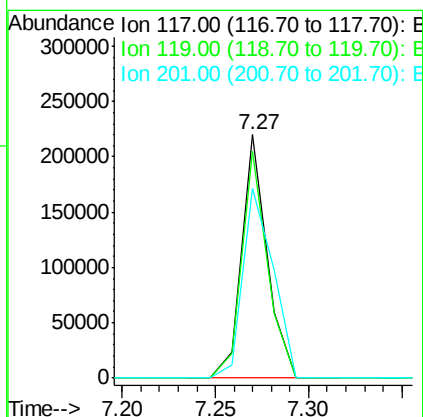
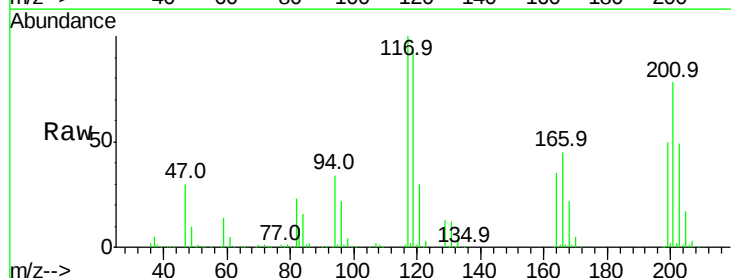
Manual Integrations
APPROVED

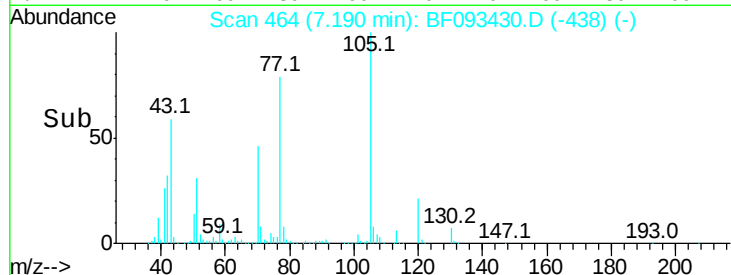
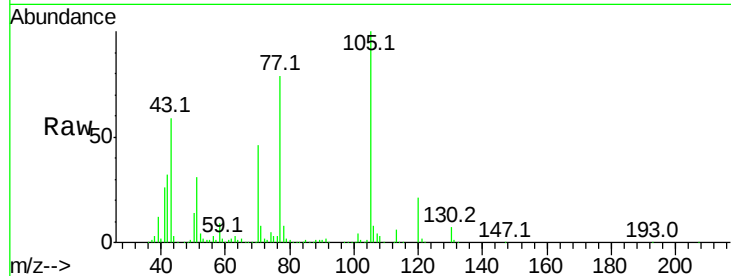
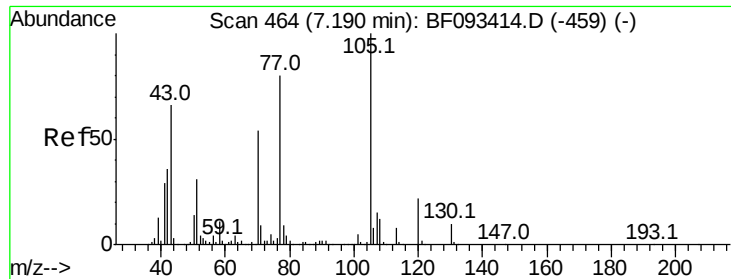
mohammad
3/10/2017 8:11:33 AM



#18
Hexachloroethane
Concen: 39.60 ng
RT: 7.27 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.1	78.1	117.1	
201	78.2	78.6	117.8	





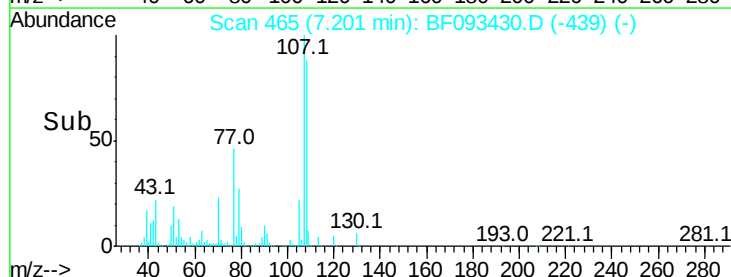
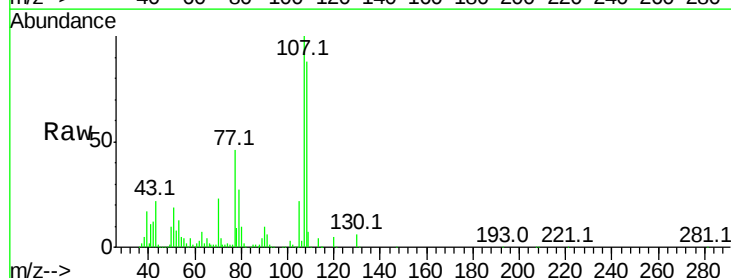
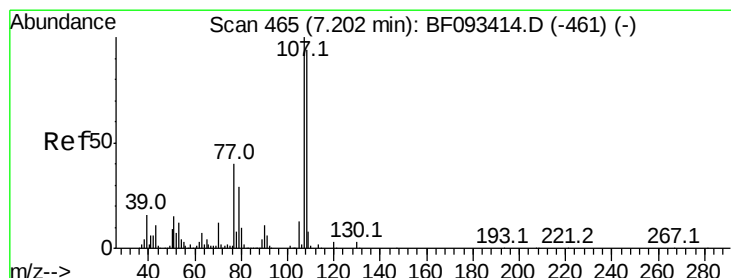
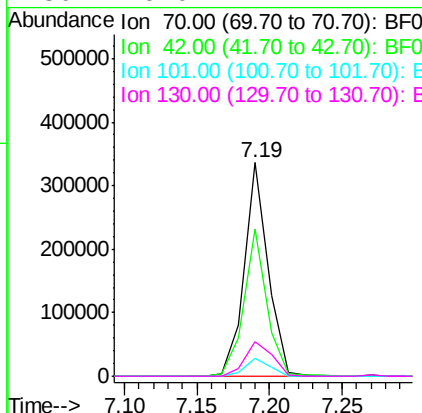
#19
n-Nitroso-di-n-propylamine
Concen: 37.17 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.0	49.4	74.0
101	8.4	7.4	11.2
130	16.0	14.2	21.4

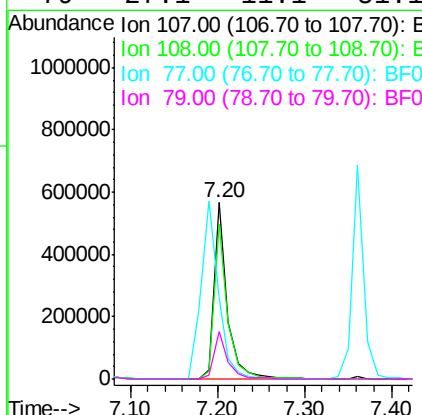
Manual Integrations
APPROVED

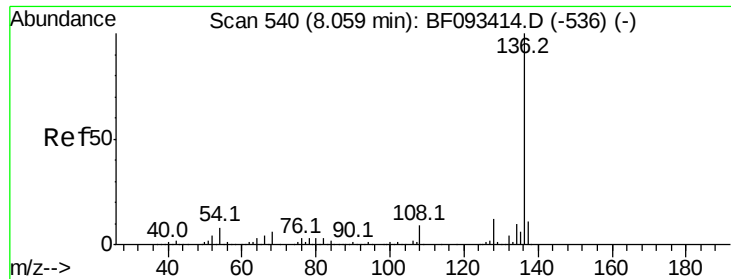
mohammad
3/10/2017 8:11:33 AM



#20
3+4-Methylphenols
Concen: 41.06 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	73.0	113.0
77	45.8	71.3	111.3#
79	27.1	11.1	51.1





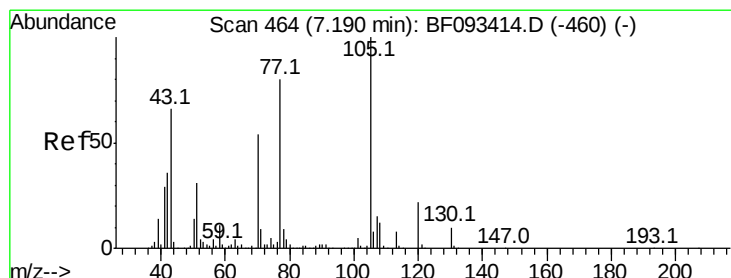
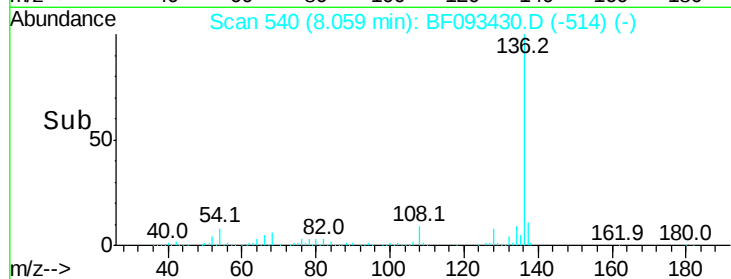
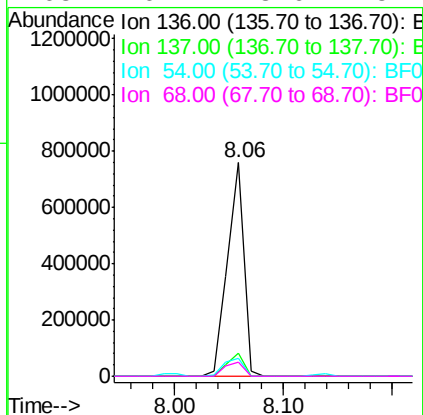
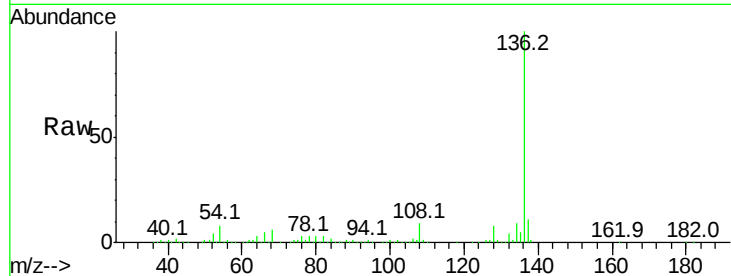
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	8.4	12.6
54	8.5	4.5	6.7#
68	6.4	3.6	5.4#

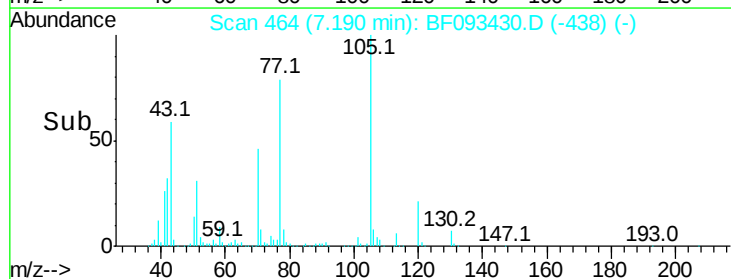
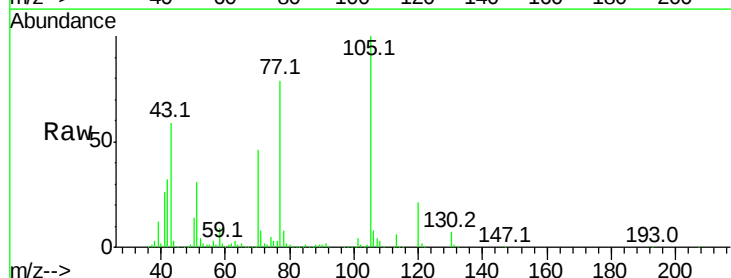
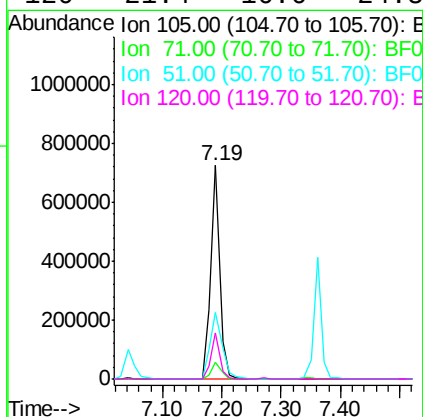
Manual Integrations
APPROVED

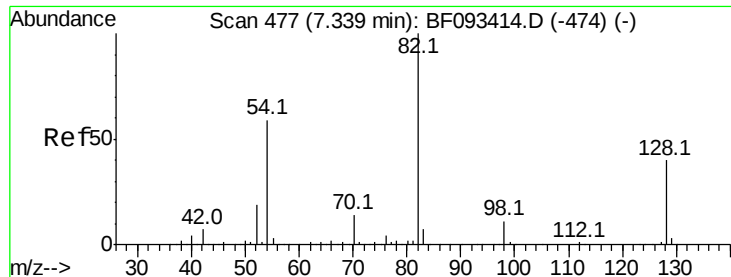
mohammad
3/10/2017 8:11:33 AM



#22
Acetophenone
Concen: 40.16 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.7	3.2	4.8#
51	31.2	26.2	39.4
120	21.4	16.6	24.8





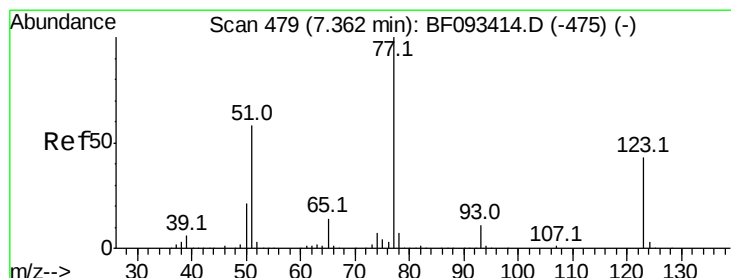
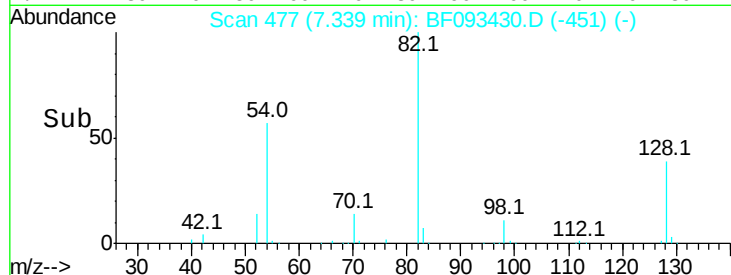
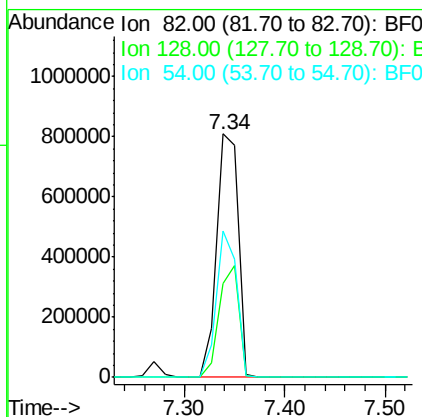
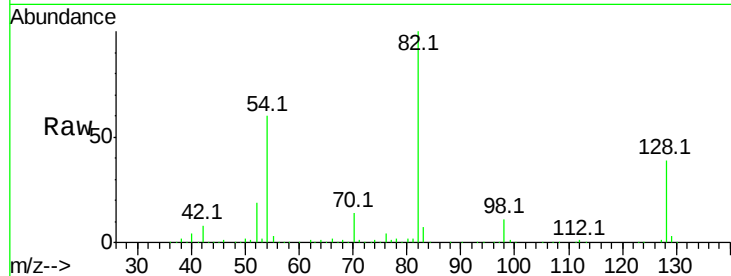
#23
 Nitrobenzene-d5
 Concen: 84.57 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1209549
 Ion Ratio Lower Upper
 82 100
 128 38.6 34.6 52.0
 54 60.3 39.5 59.3#

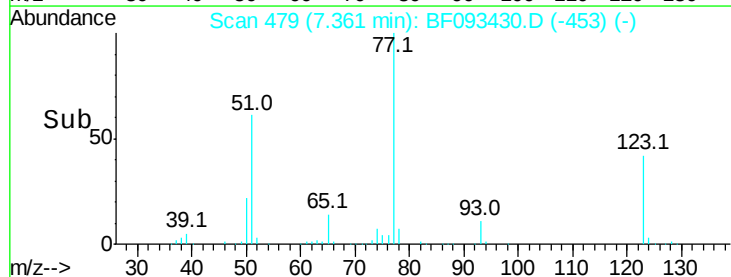
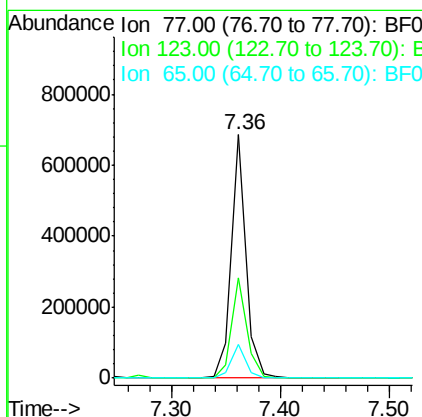
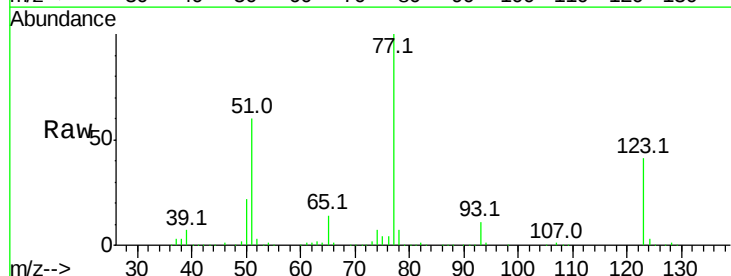
Manual Integrations
 APPROVED

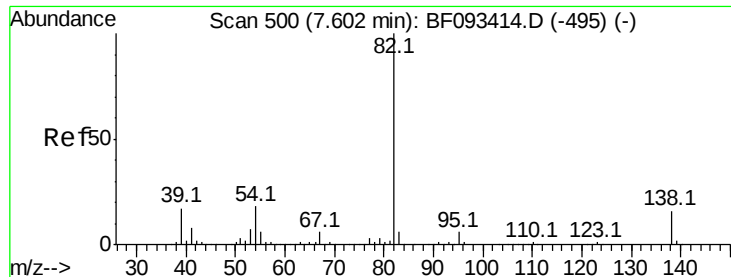
mohammad
 3/10/2017 8:11:33 AM



#24
 Nitrobenzene
 Concen: 39.43 ng
 RT: 7.36 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Tgt Ion: 77 Resp: 633842
 Ion Ratio Lower Upper
 77 100
 123 41.0 33.0 49.4
 65 14.0 11.2 16.8





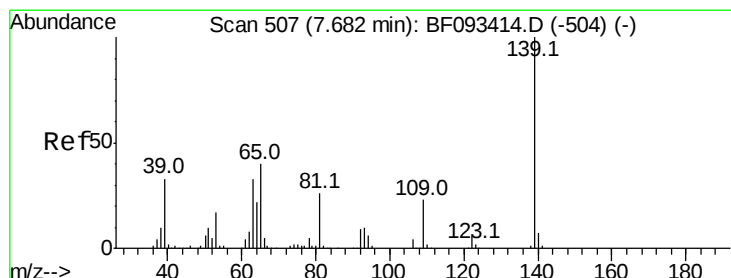
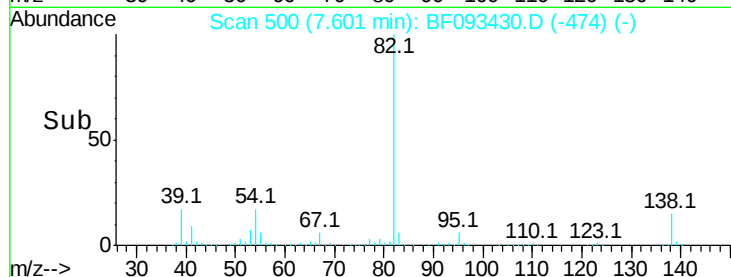
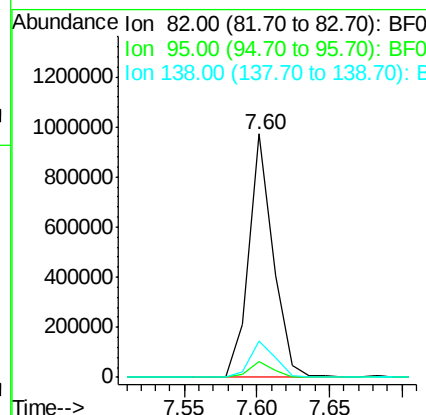
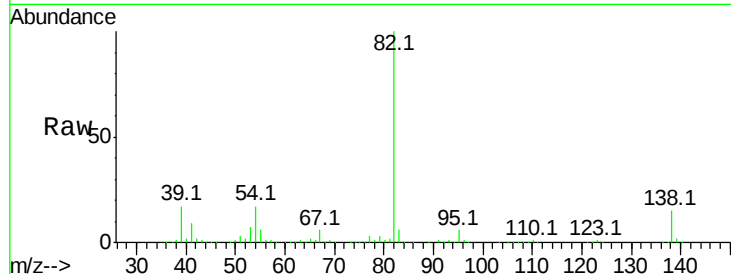
#25
Isophorone
Concen: 39.31 ng
RT: 7.60 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1133656
Ion Ratio Lower Upper
82 100
95 6.3 5.6 8.4
138 15.0 14.6 22.0

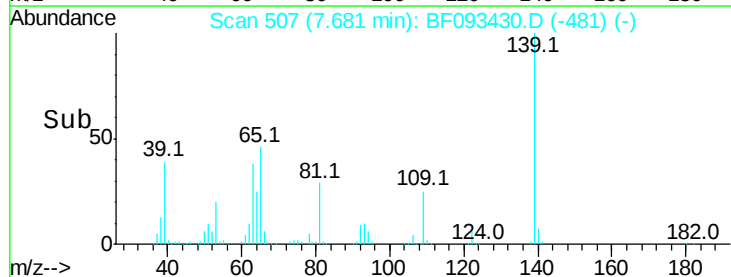
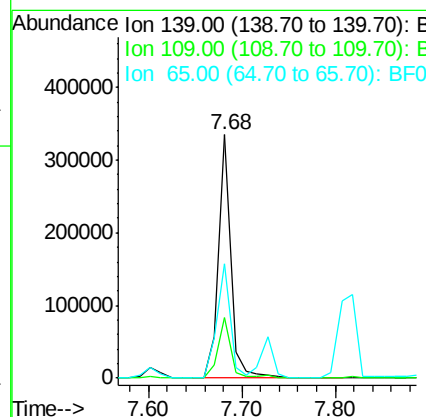
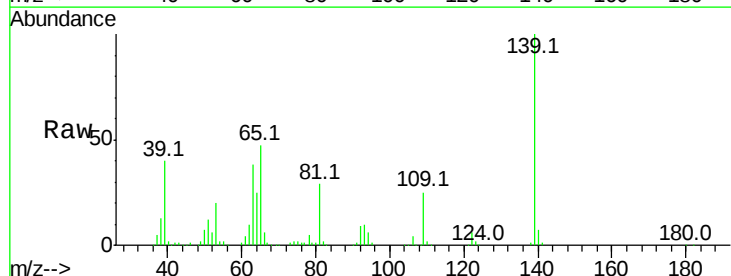
Manual Integrations
APPROVED

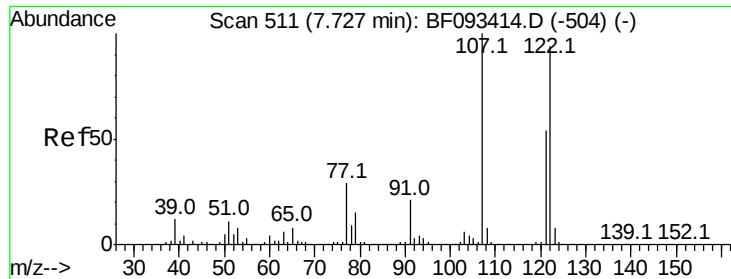
mohammad
3/10/2017 8:11:33 AM



#26
2-Nitrophenol
Concen: 41.86 ng
RT: 7.68 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion: 139 Resp: 306987
Ion Ratio Lower Upper
139 100
109 25.0 23.3 34.9
65 46.8 42.7 64.1





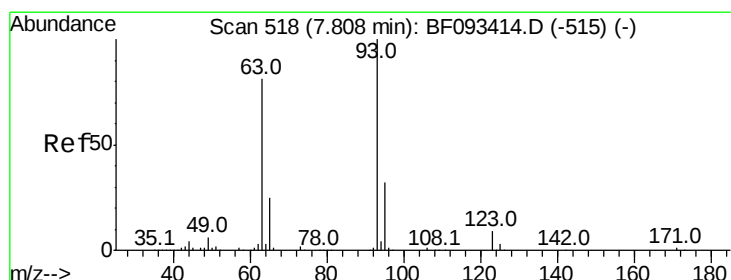
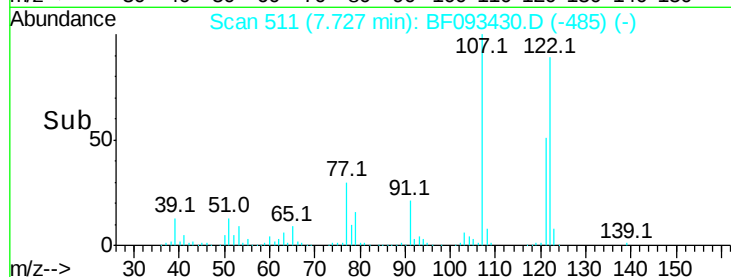
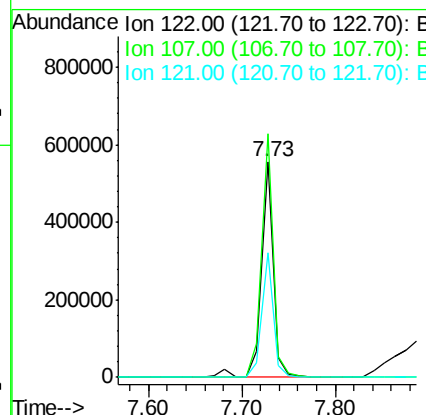
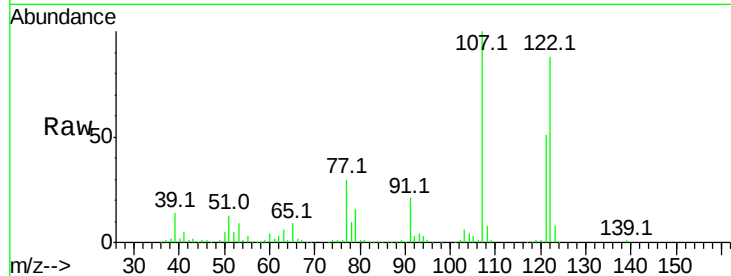
#27
2,4-Dimethylphenol
Concen: 41.38 ng
RT: 7.73 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.0	94.1	141.1
121	57.6	46.0	69.0

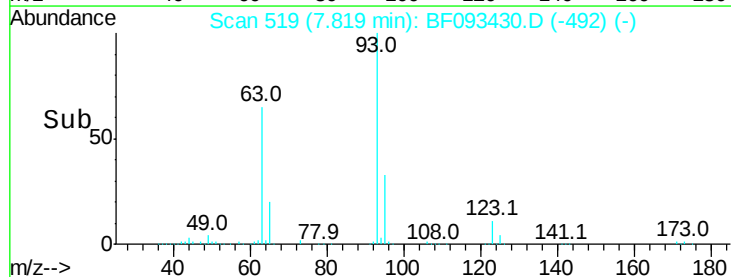
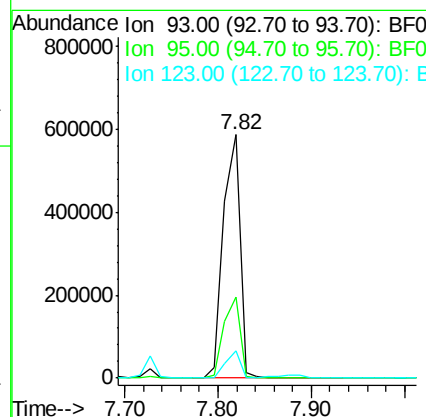
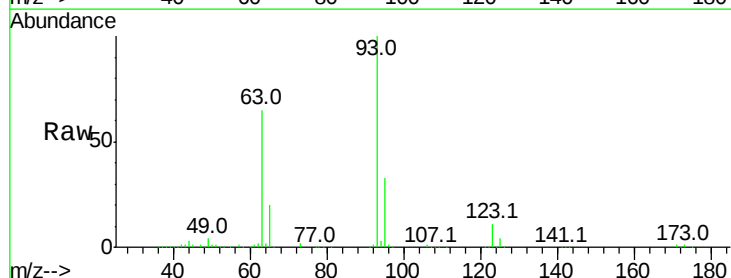
Manual Integrations
APPROVED

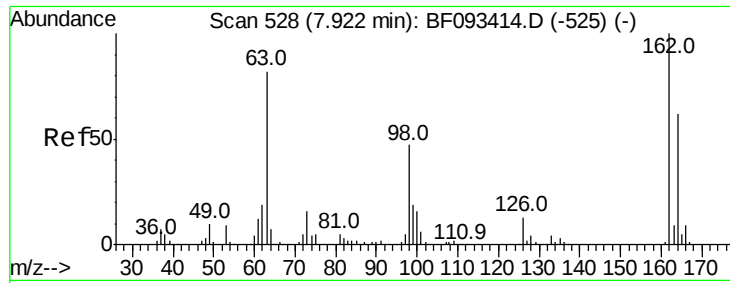
mohammad
3/10/2017 8:11:33 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.14 ng
RT: 7.82 min Scan# 519
Delta R.T. 0.01 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.5	39.7
123	11.1	8.6	13.0





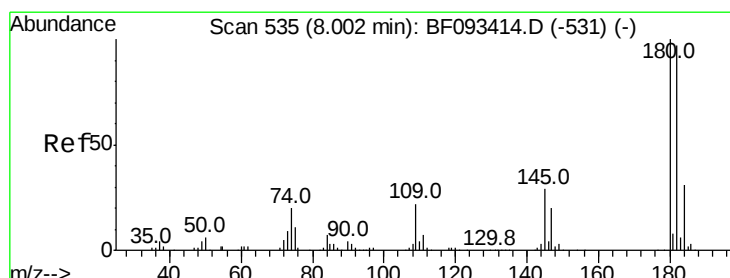
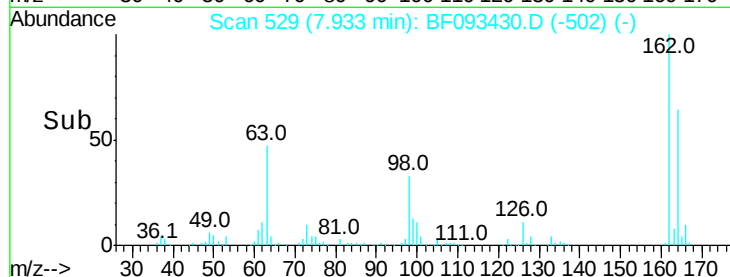
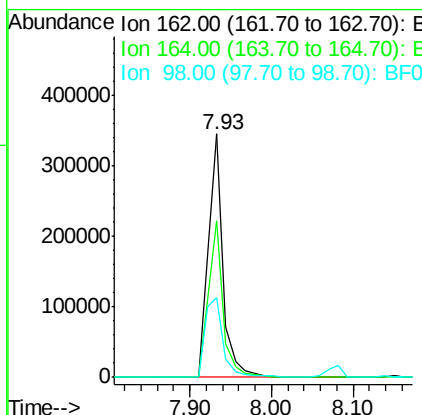
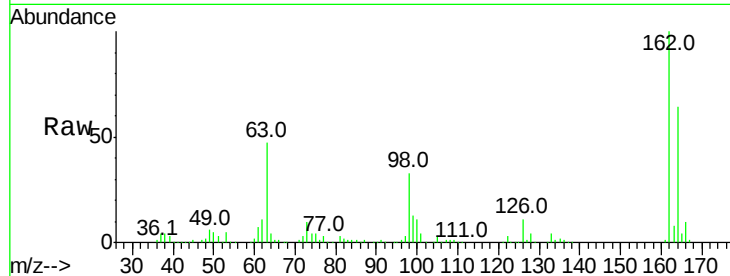
#29
 2,4-Dichlorophenol
 Concen: 38.96 ng
 RT: 7.93 min Scan# 529
 Delta R.T. 0.01 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	437236		
164	64.4	46.8	86.8	
98	32.6	9.1	49.1	

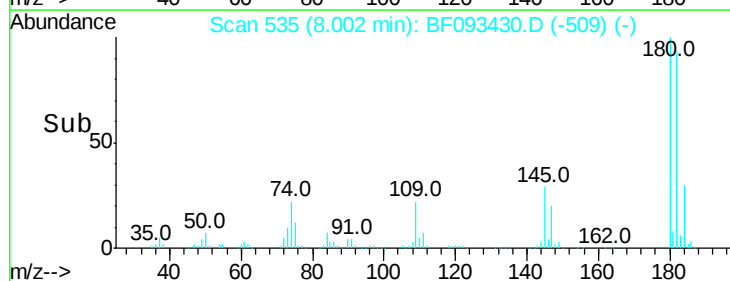
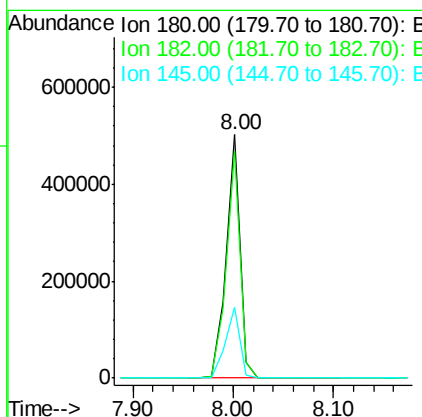
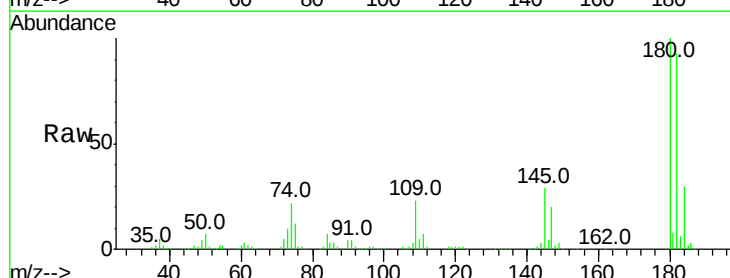
Manual Integrations
 APPROVED

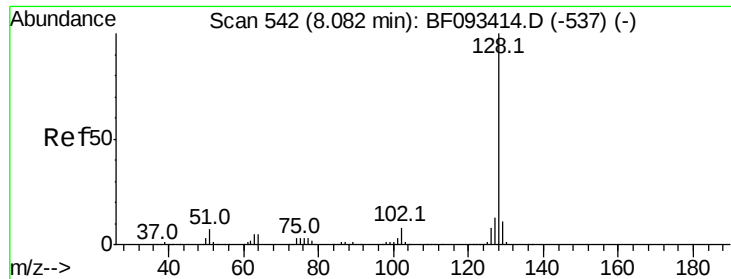
mohammad
 3/10/2017 8:11:33 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.10 ng
 RT: 8.00 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	478574		
182	93.2	78.2	117.4	
145	29.1	21.6	32.4	





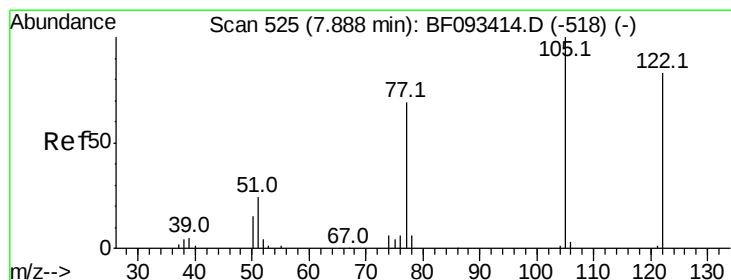
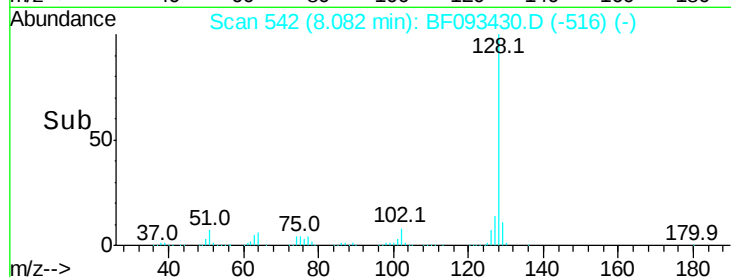
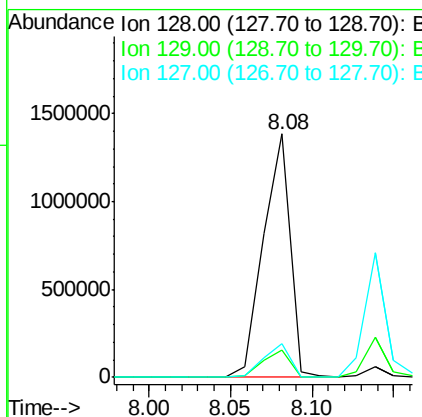
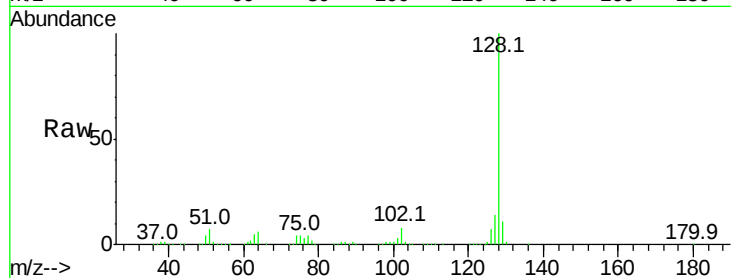
#31
Naphthalene
Concen: 39.79 ng
RT: 8.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.5	14.3
127	13.7	10.8	16.2

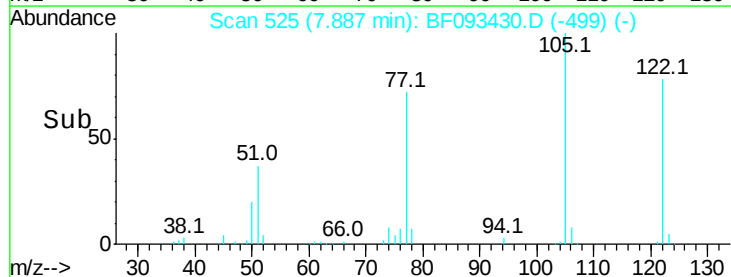
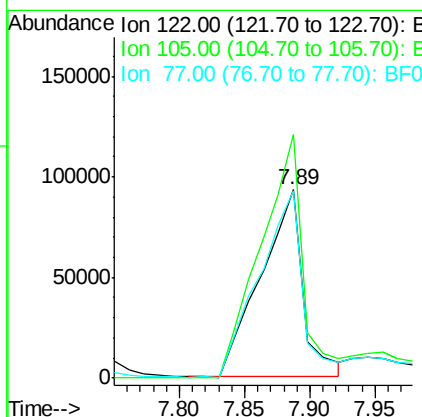
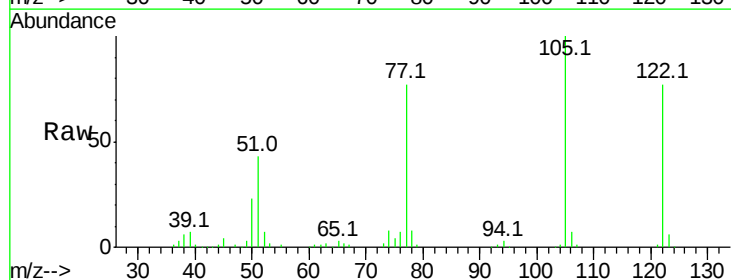
Manual Integrations
APPROVED

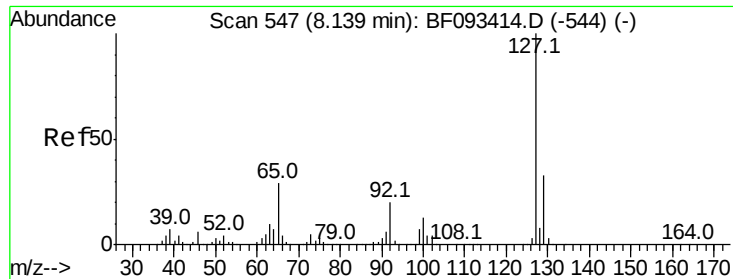
mohammad
3/10/2017 8:11:33 AM



#32
Benzoic acid
Concen: 33.75 ng
RT: 7.89 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.2	107.2	147.2
77	99.6	74.5	114.5





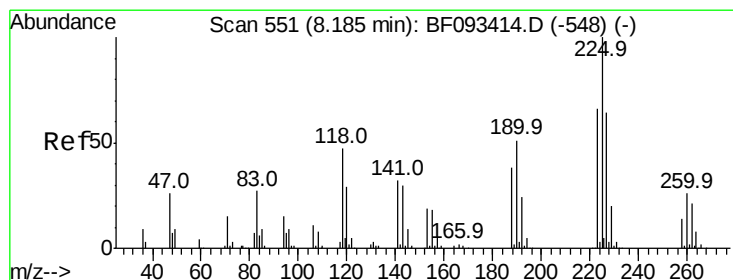
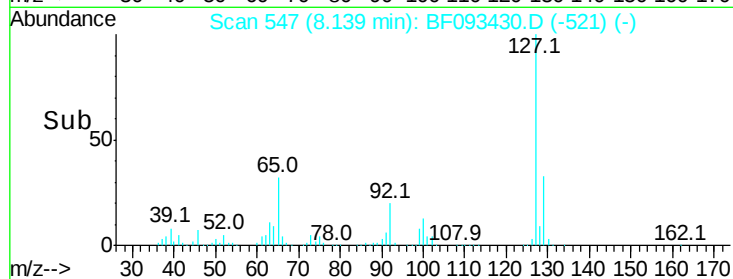
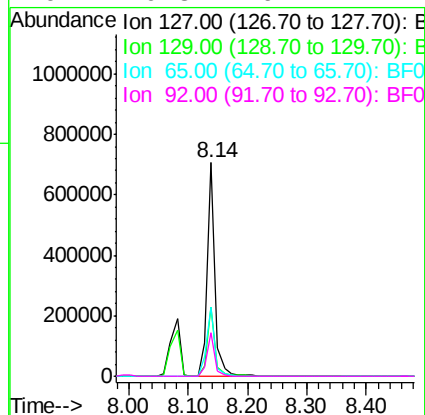
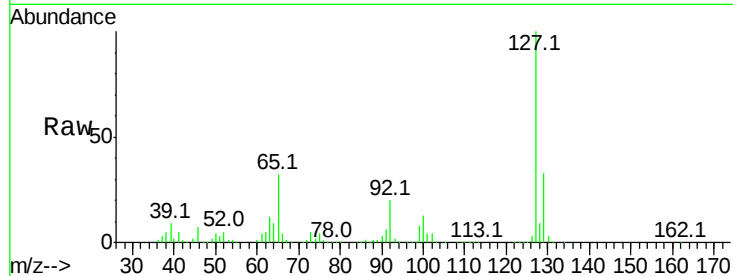
#33
4-Chloroaniline
Concen: 40.80 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	26.3	39.5	
65	32.4	25.8	38.8	
92	20.3	16.1	24.1	

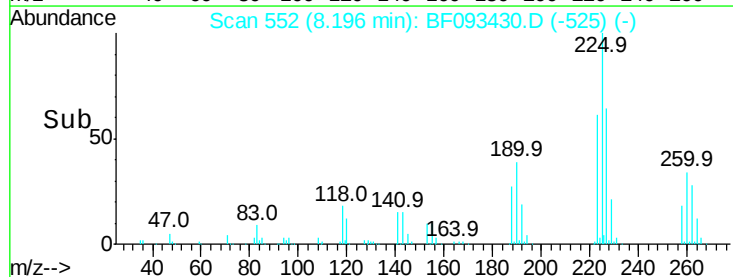
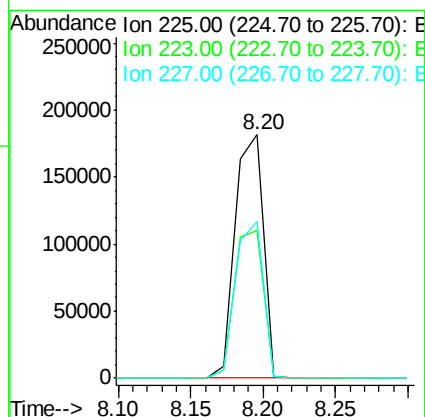
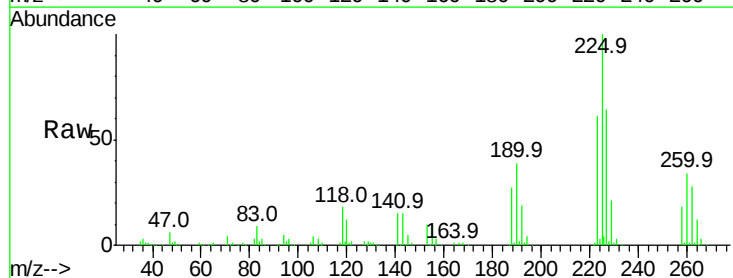
Manual Integrations
APPROVED

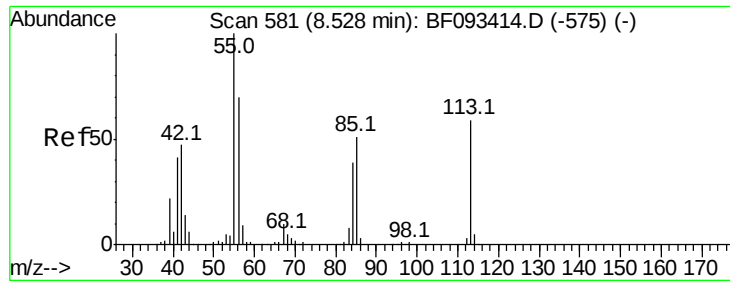
mohammad
3/10/2017 8:11:33 AM



#34
Hexachlorobutadiene
Concen: 39.68 ng
RT: 8.20 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.7	51.0	76.6	
227	64.4	50.6	76.0	





#35

Caprolactam

Concen: 39.23 ng

RT: 8.53 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 150379

Ion Ratio Lower Upper

113 100

55 233.9 119.2 159.2#

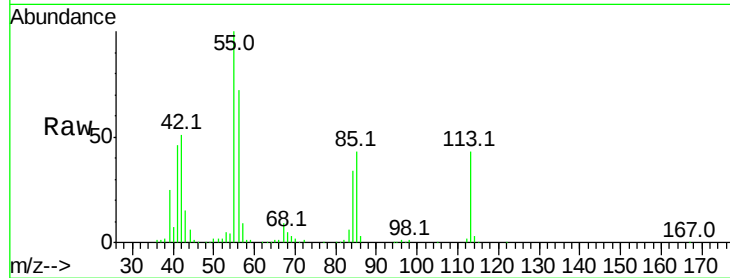
56 167.4 83.8 123.8#

Manual Integrations

APPROVED

mohammad

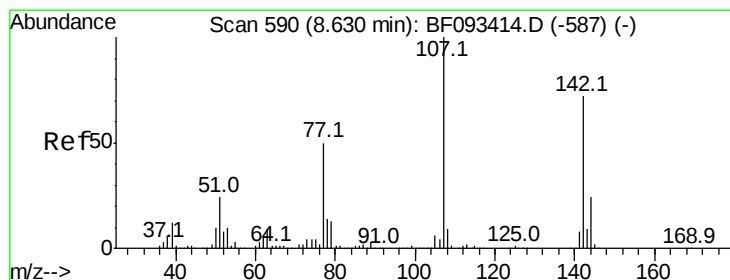
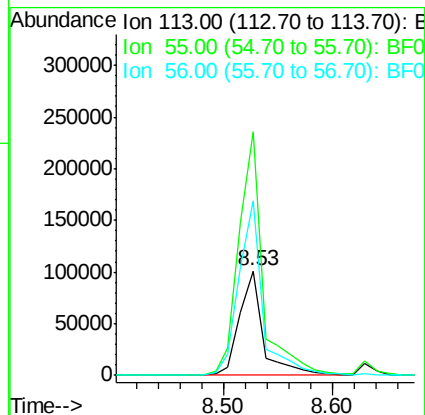
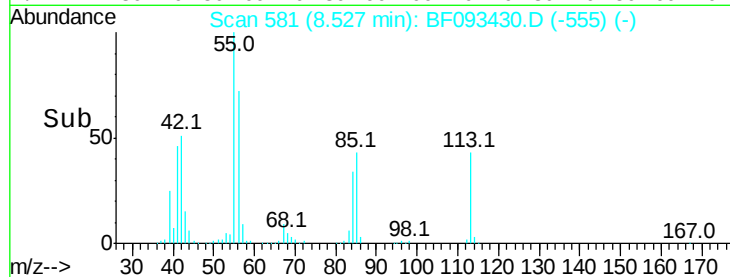
3/10/2017 8:11:33 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.11 ng

RT: 8.63 min Scan# 590

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

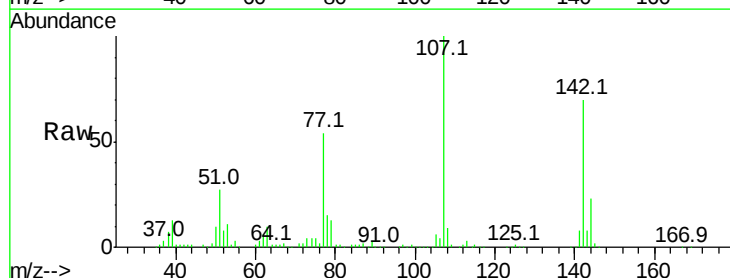
Tgt Ion:107 Resp: 468525

Ion Ratio Lower Upper

107 100

144 22.7 19.3 28.9

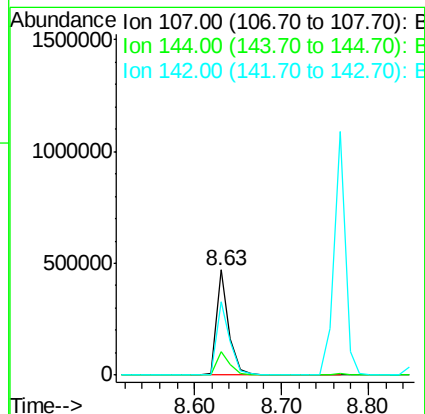
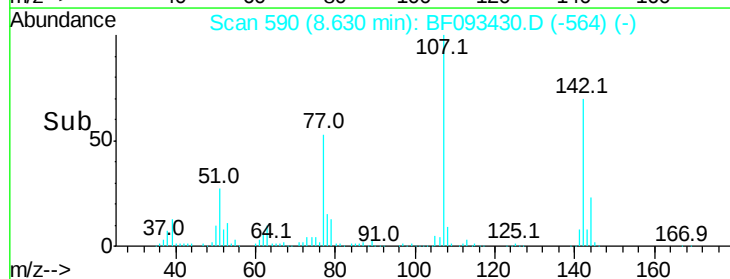
142 69.9 59.0 88.6

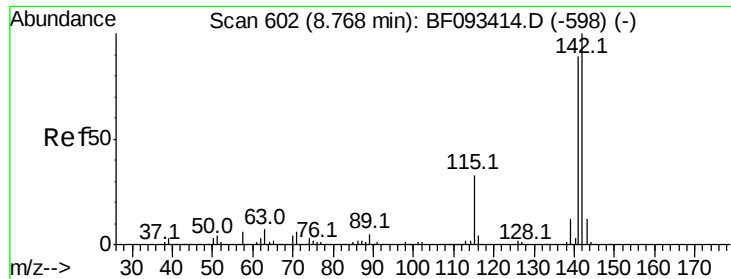


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





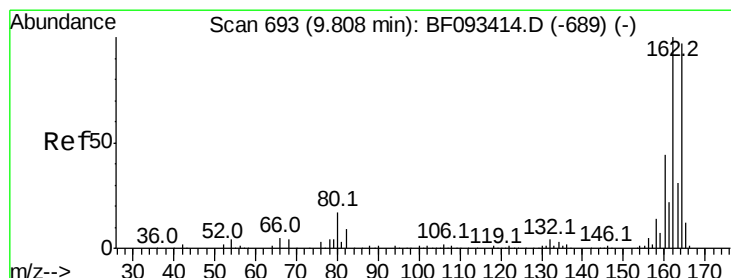
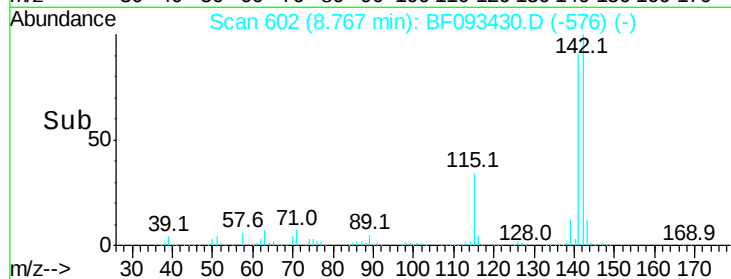
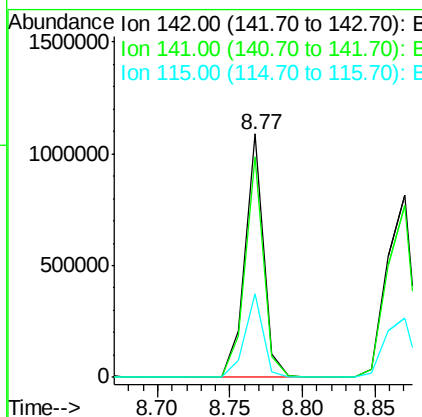
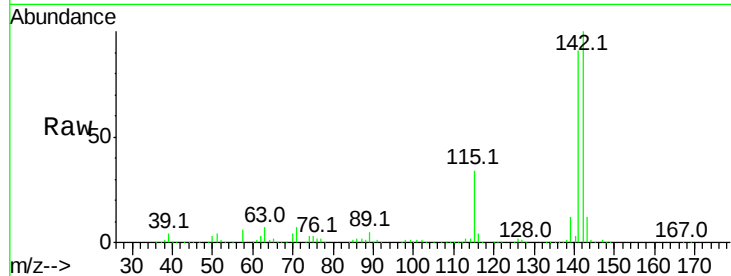
#37
2-Methylnaphthalene
Concen: 38.26 ng
RT: 8.77 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.0	106.6
115	34.3	28.3	42.5

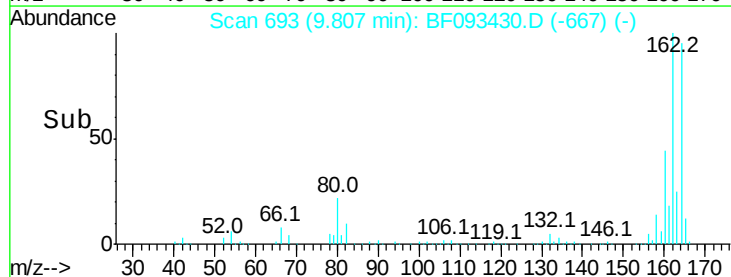
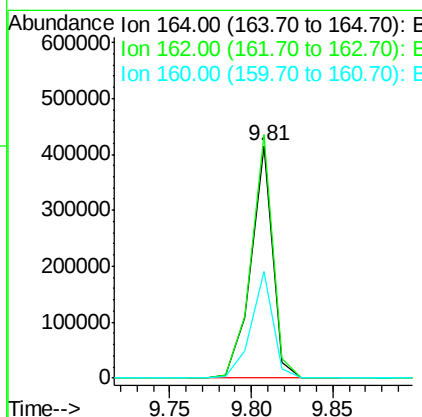
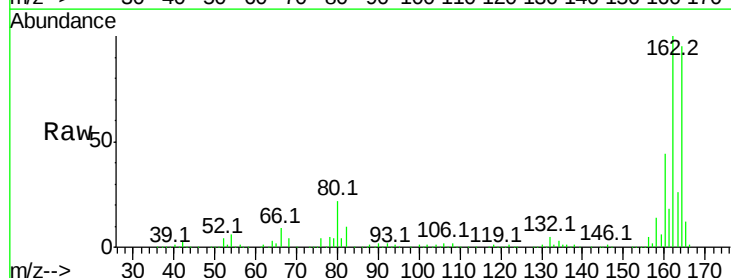
Manual Integrations
APPROVED

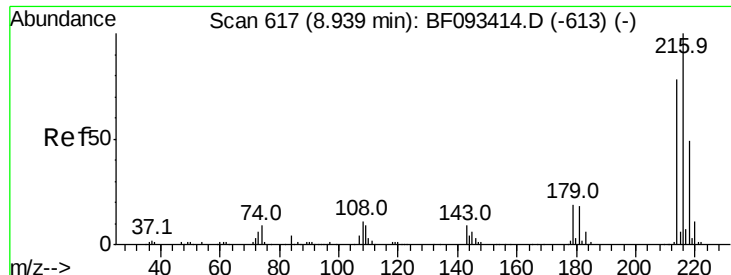
mohammad
3/10/2017 8:11:33 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	80.2	120.2
160	45.9	36.9	55.3





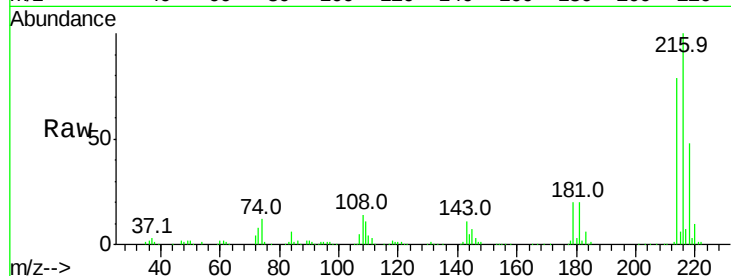
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.20 ng
 RT: 8.94 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

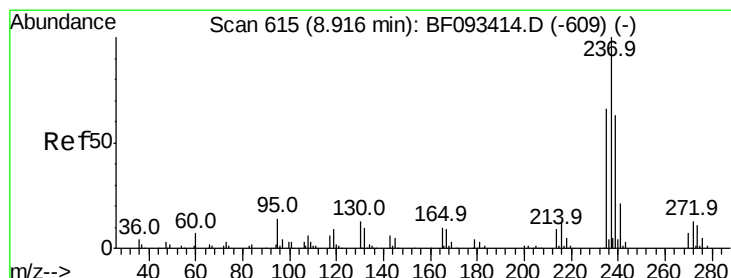
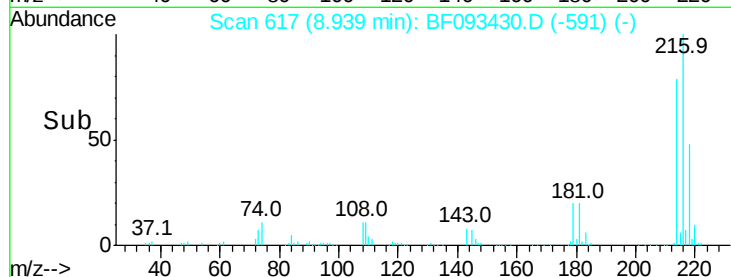
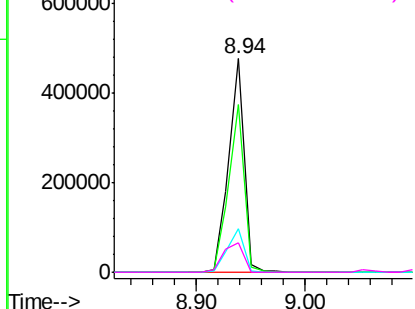
Tot Ion	Ratio	Resp	Lower	Upper
216	100	470454		
214	79.2		63.4	95.0
179	21.5		17.4	26.2
108	18.7		15.6	23.4

Manual Integrations
 APPROVED

mohammad
 3/10/2017 8:11:33 AM

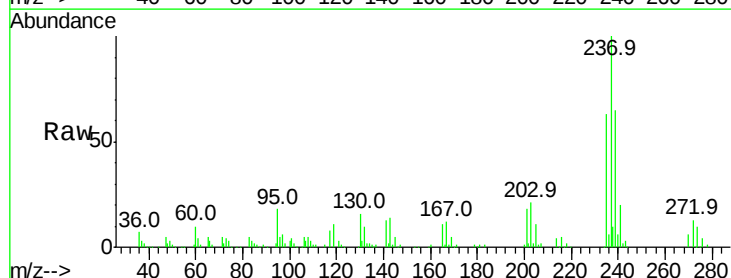


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

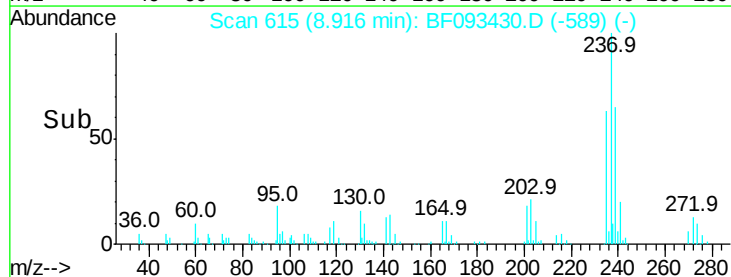
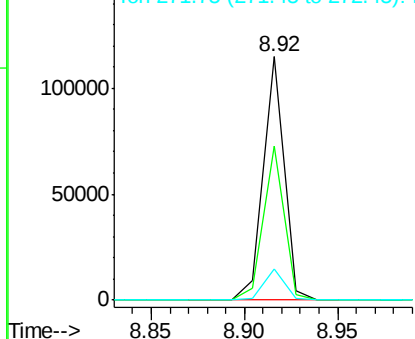


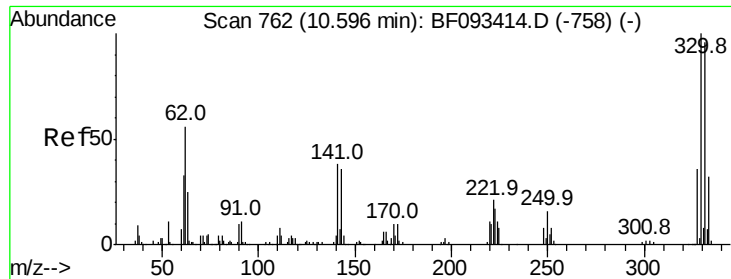
#40
 Hexachlorocyclopentadiene
 Concen: 40.71 ng
 RT: 8.92 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	88560		
235	63.4		41.2	81.2
272	12.6		0.0	35.4



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





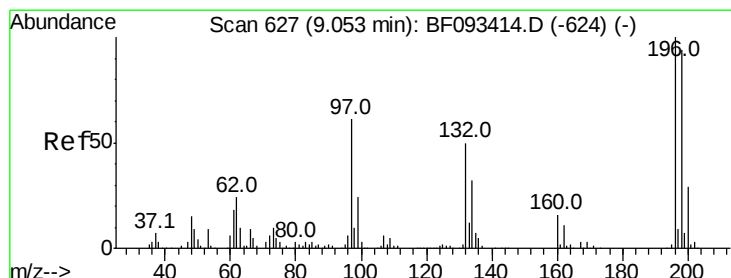
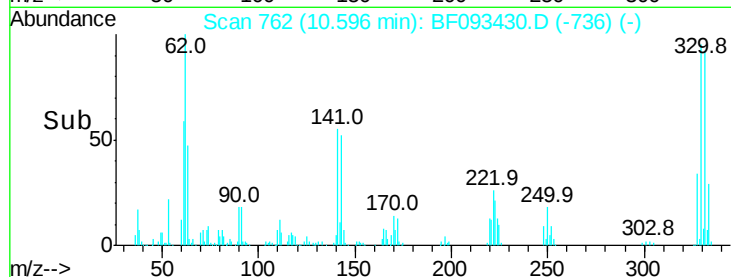
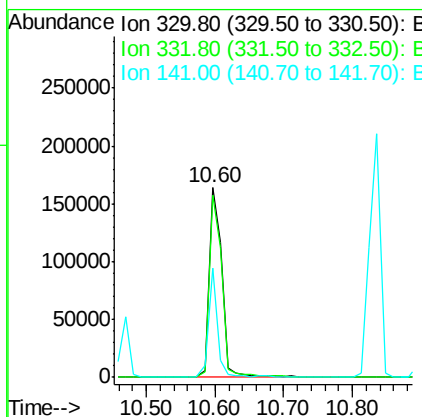
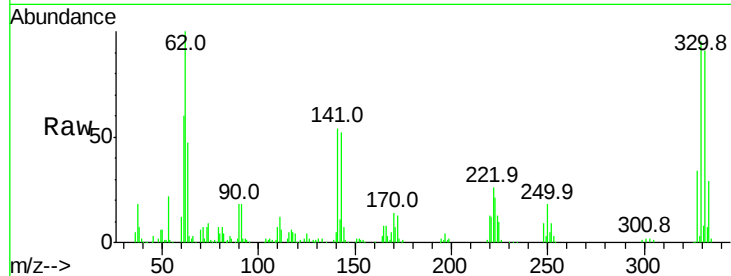
#41
 2,4,6-Tribromophenol
 Concen: 85.75 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	212959		
332	96.0		77.4	116.2
141	40.3		34.1	51.1

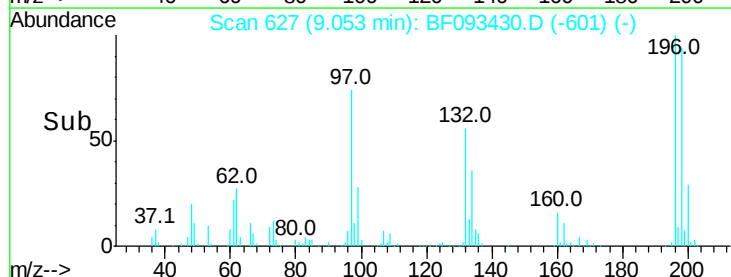
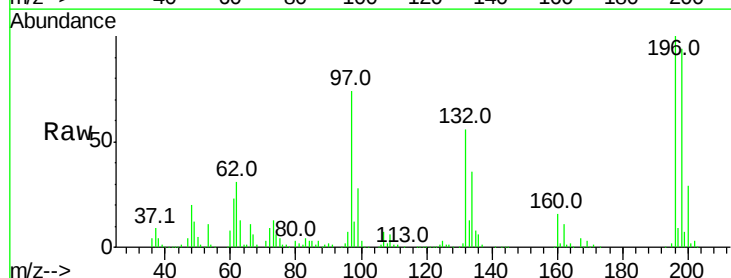
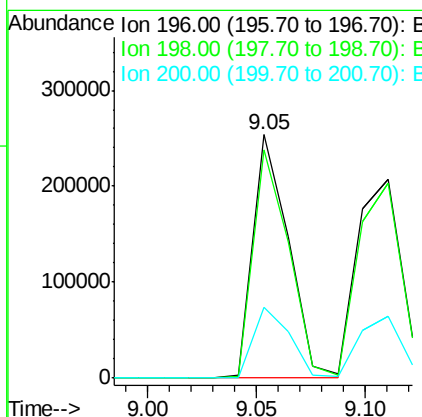
Manual Integrations
 APPROVED

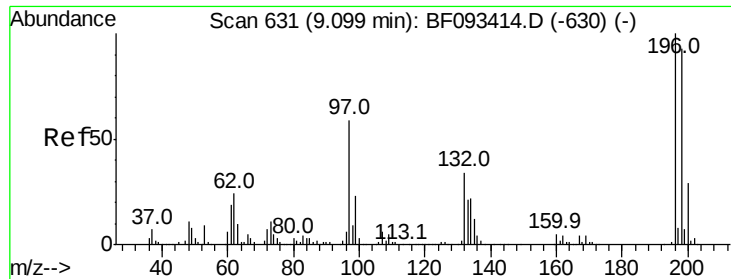
mohammad
 3/10/2017 8:11:33 AM



#42
 2,4,6-Trichlorophenol
 Concen: 44.21 ng
 RT: 9.05 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	287543		
198	93.7		82.1	123.1
200	29.0		27.0	40.4





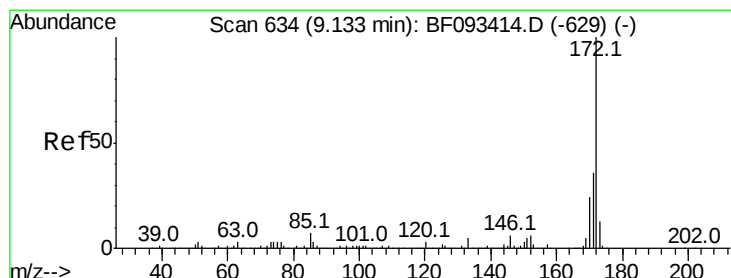
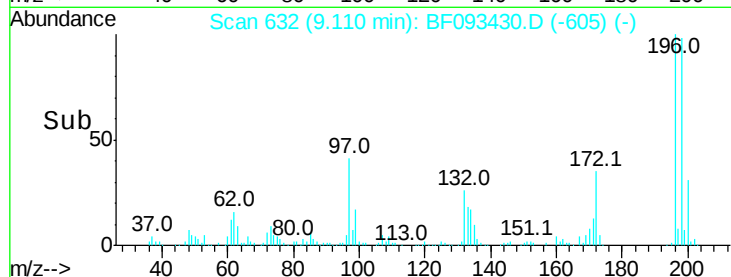
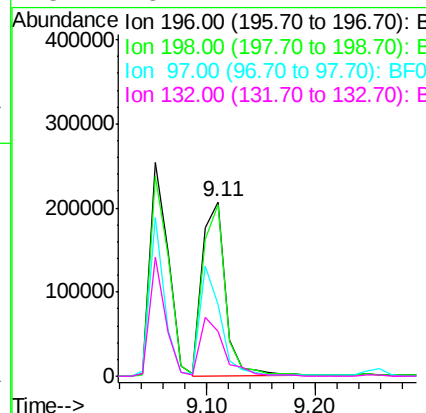
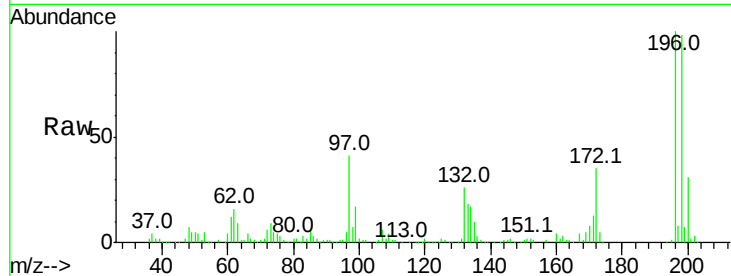
#43
 2,4,5-Trichlorophenol
 Concen: 44.50 ng
 RT: 9.11 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	310559		
198	98.2	79.4	119.2	
97	41.1	51.5	77.3	#
132	25.7	27.4	41.2	#

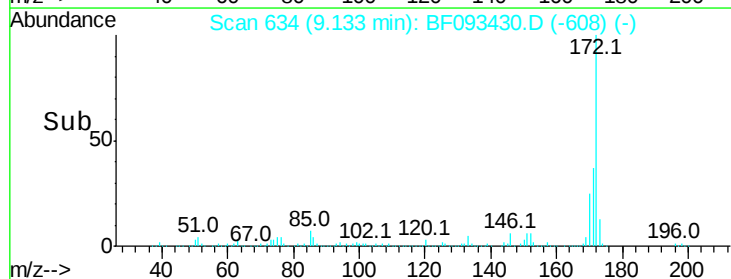
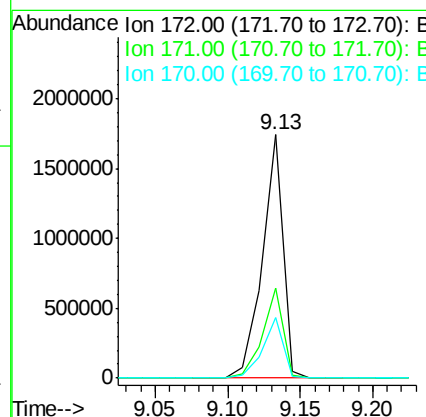
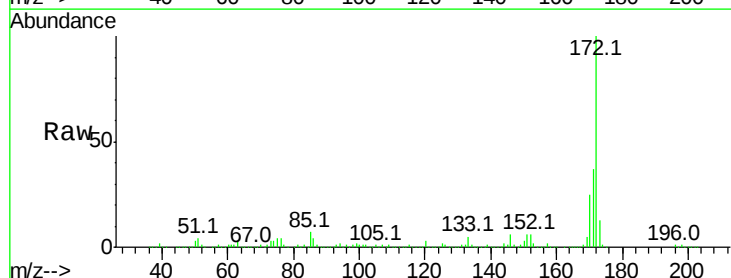
Manual Integrations
 APPROVED

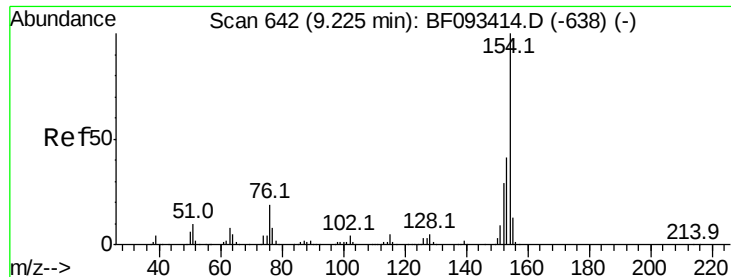
mohammad
 3/10/2017 8:11:33 AM



#44
 2-Fluorobiphenyl
 Concen: 83.68 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1715078		
171	36.8	29.4	44.0	
170	24.9	20.2	30.4	





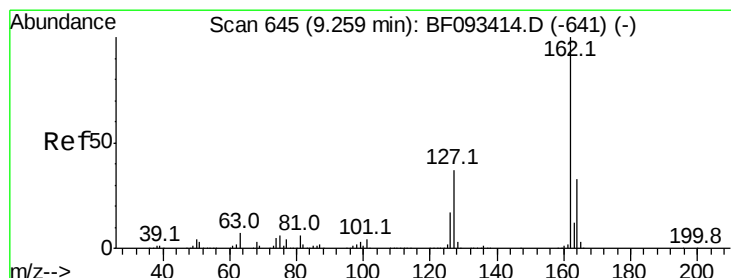
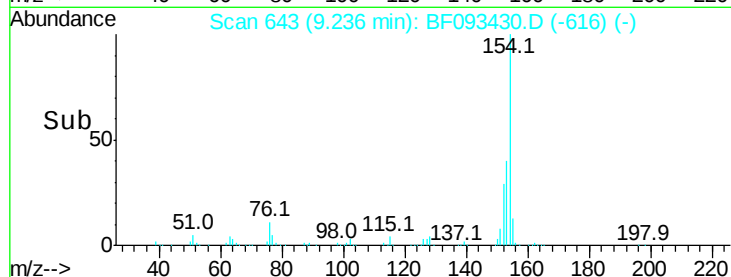
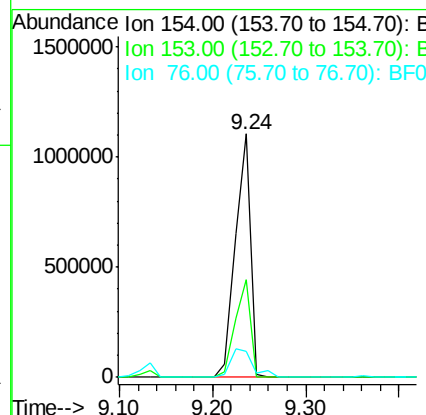
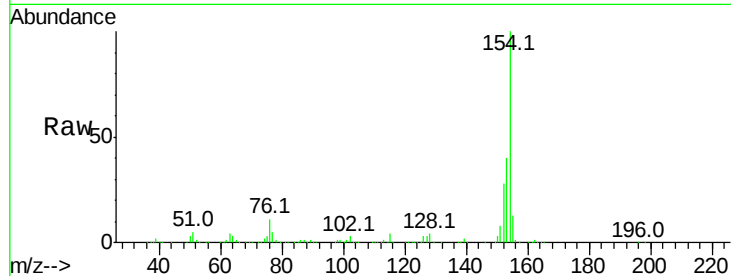
#45
1,1'-Biphenyl
Concen: 45.40 ng
RT: 9.24 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.9	60.9
76	10.9	0.0	30.5

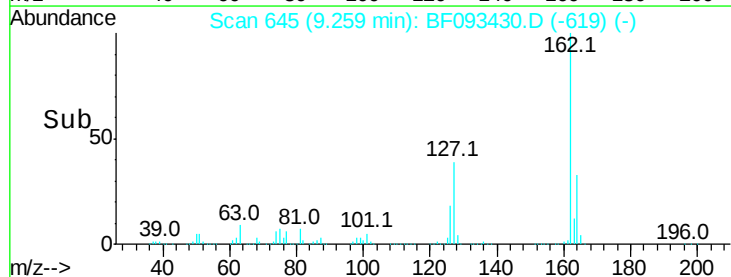
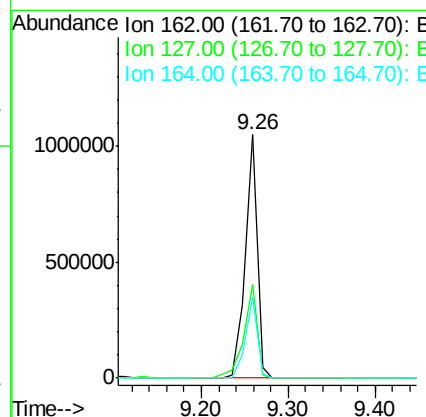
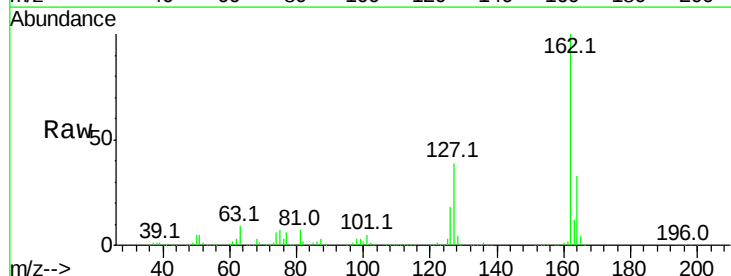
Manual Integrations
APPROVED

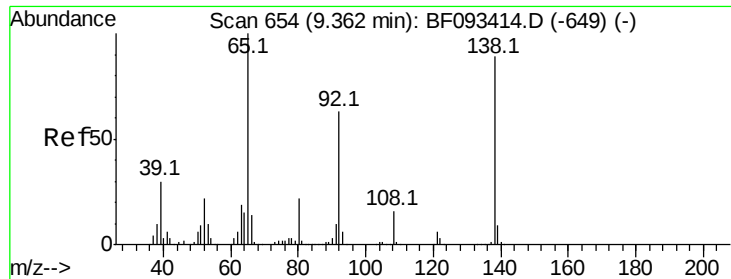
mohammad
3/10/2017 8:11:33 AM



#46
2-Chloronaphthalene
Concen: 46.42 ng
RT: 9.26 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.8	30.7	46.1
164	33.2	27.6	41.4





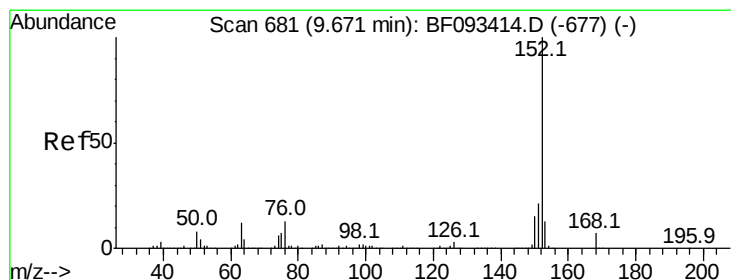
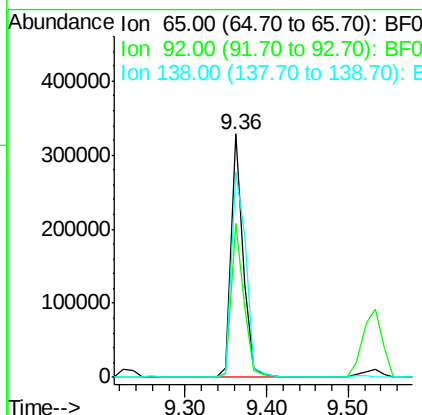
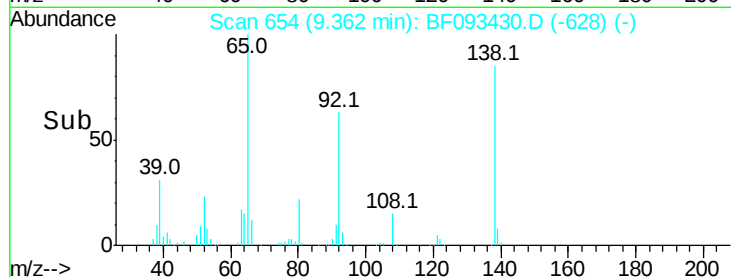
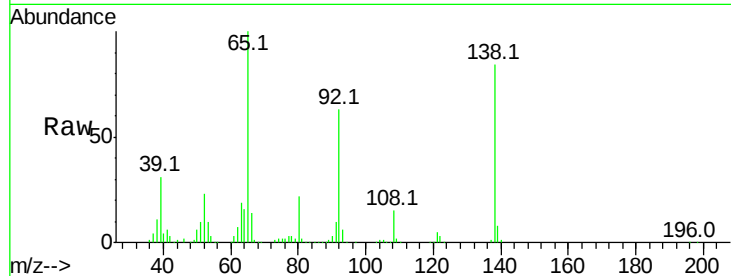
#47
2-Nitroaniline
Concen: 44.71 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.0	53.9	80.9
138	84.4	76.8	115.2

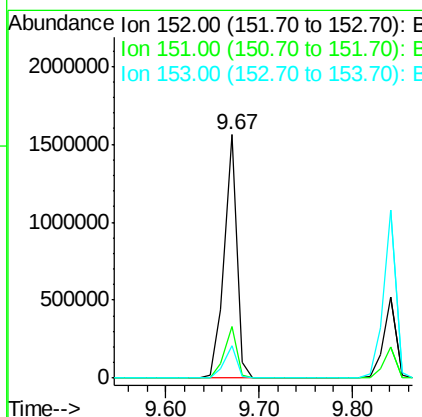
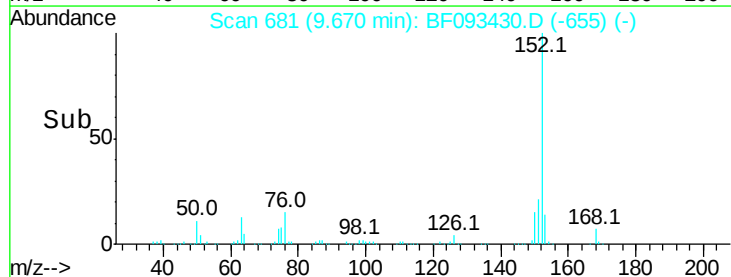
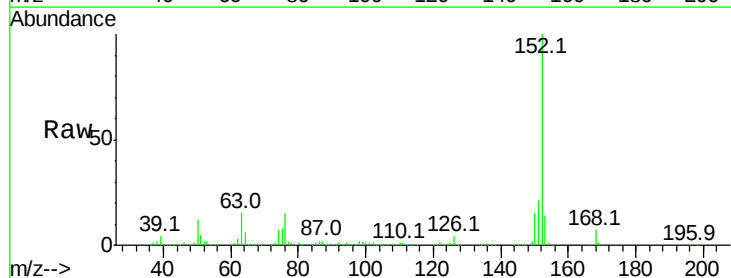
Manual Integrations
APPROVED

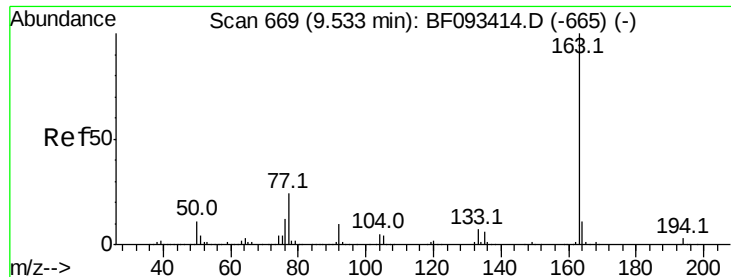
mohammad
3/10/2017 8:11:33 AM



#48
Acenaphthylene
Concen: 41.76 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.9	25.3
153	13.5	11.4	17.2





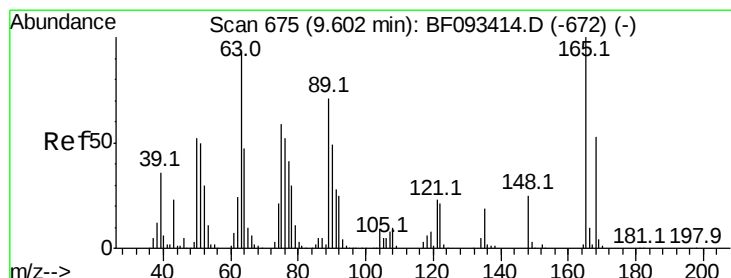
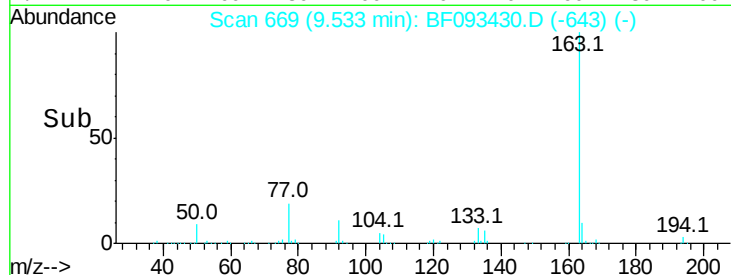
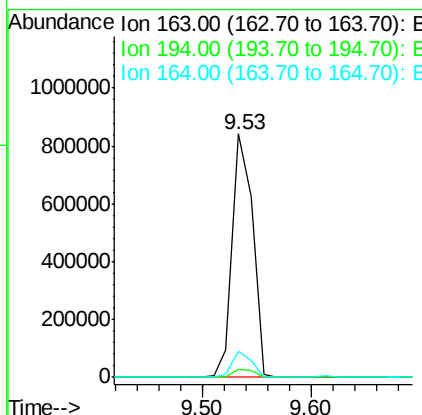
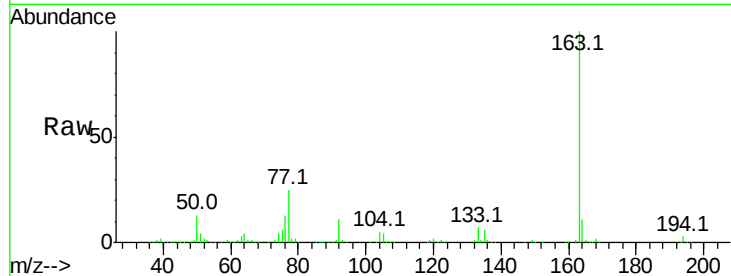
#49
Dimethylphthalate
Concen: 42.80 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.7	8.0	12.0

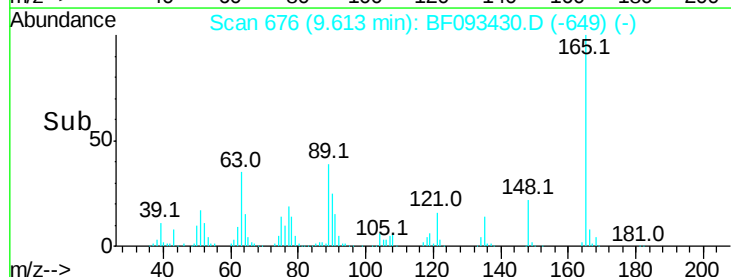
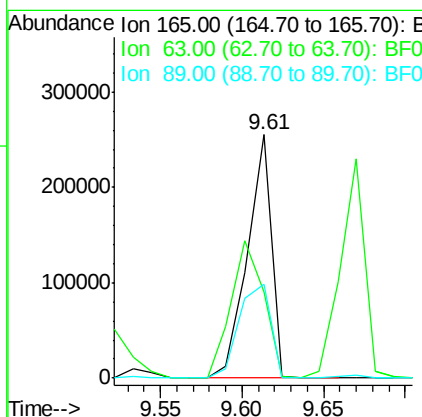
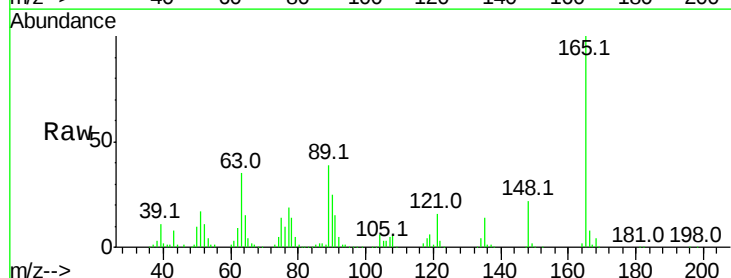
Manual Integrations
APPROVED

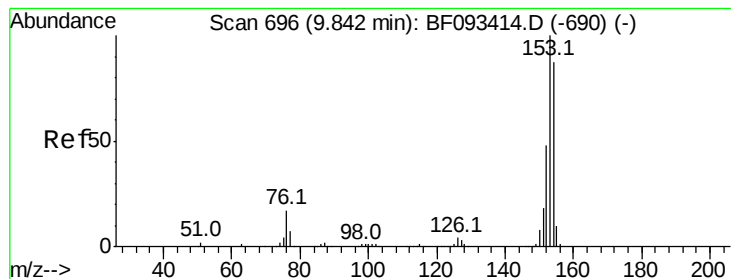
mohammad
3/10/2017 8:11:33 AM



#50
2,6-Dinitrotoluene
Concen: 47.18 ng
RT: 9.61 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	35.3	36.2	54.4#
89	38.8	40.2	60.4#





#51

Acenaphthene

Concen: 42.83 ng

RT: 9.84 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

BNA_F

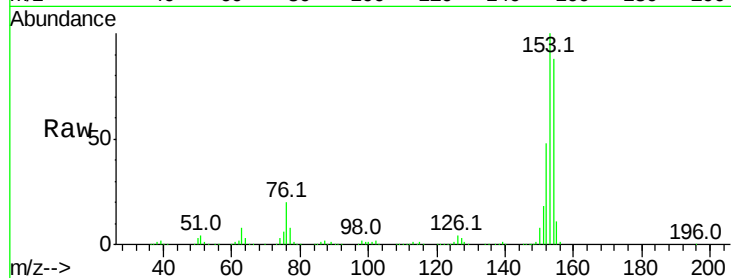
ClientSampleId :

SSTDCCC040

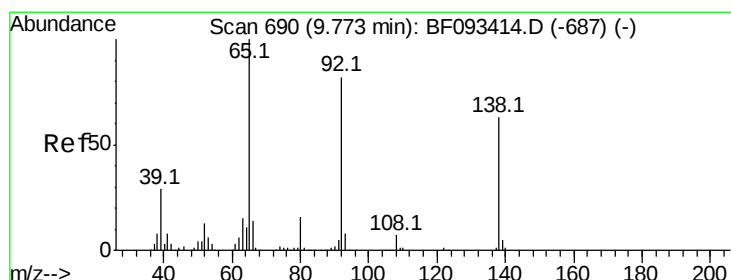
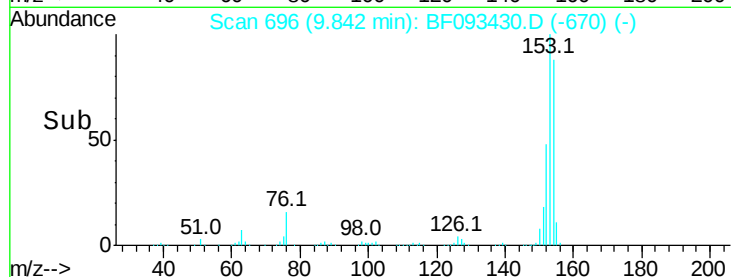
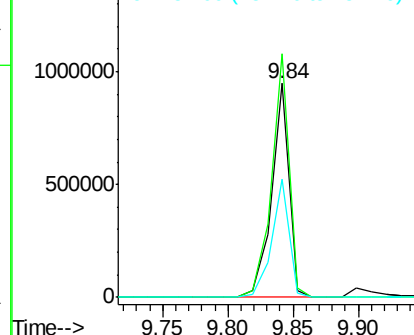
Tot Ion:	154	Resp:	887936
Ion Ratio	Lower	Upper	
154	100		
153	113.8	88.6	133.0
152	55.0	41.6	62.4

Manual Integrations
APPROVED

mohammad
3/10/2017 8:11:33 AM



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



#52

3-Nitroaniline

Concen: 46.49 ng

RT: 9.78 min Scan# 691

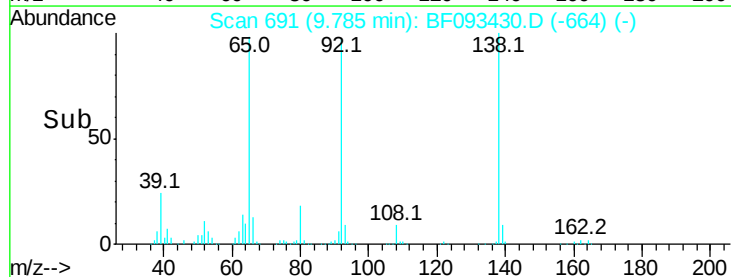
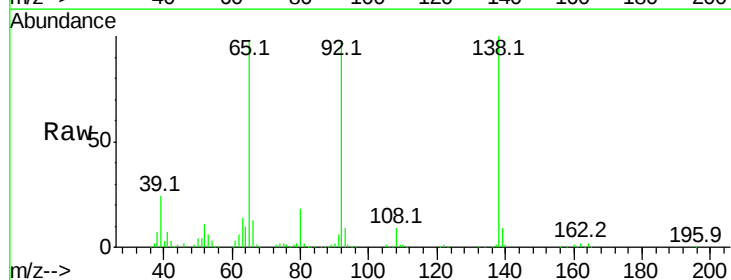
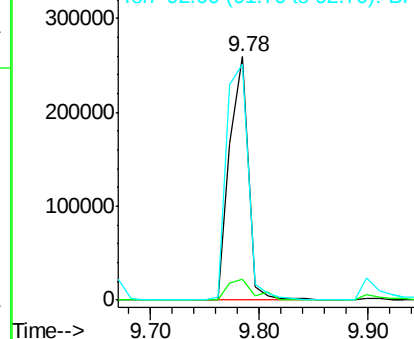
Delta R.T. 0.01 min

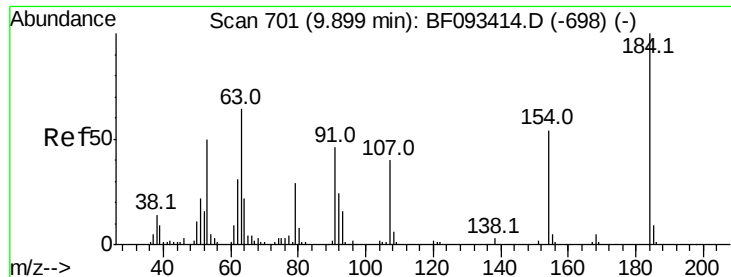
Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Tgt Ion:	138	Resp:	309731
Ion Ratio	Lower	Upper	
138	100		
108	8.7	8.5	12.7
92	97.0	97.8	146.8#

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





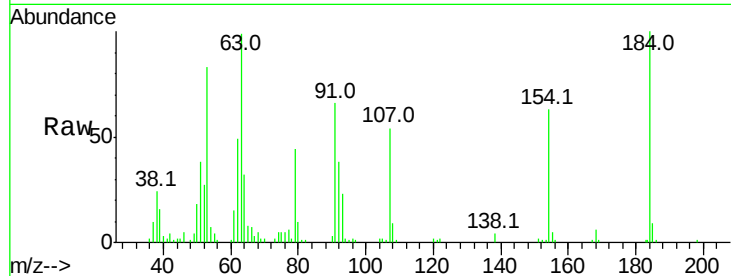
#53
2,4-Dinitrophenol
Concen: 54.14 ng
RT: 9.90 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

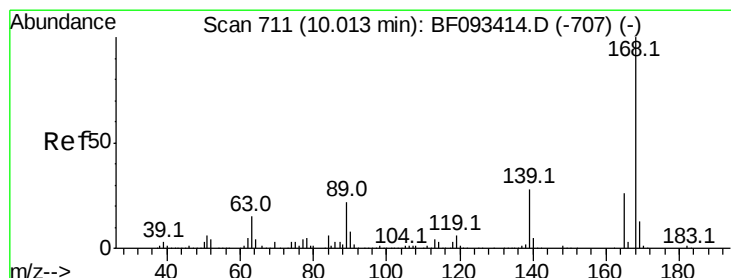
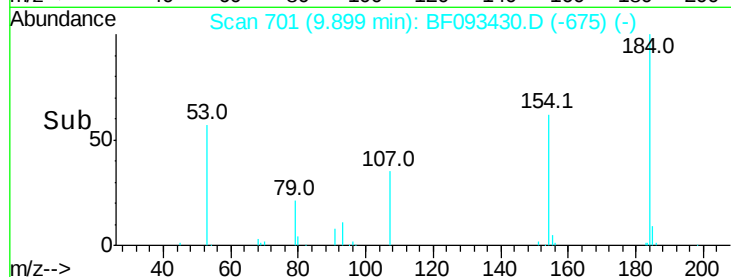
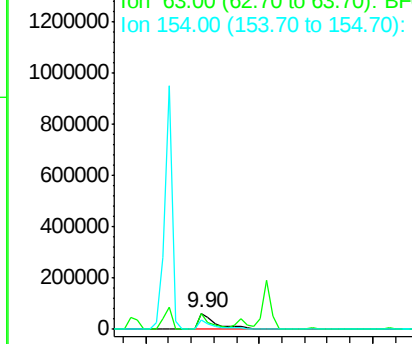
Tot Ion	Ratio	Resp	Lower	Upper
184	100	136733		
63	99.5	28.4	42.6	#
154	62.7	44.3	66.5	

Manual Integrations
APPROVED

mohammad
3/10/2017 8:11:33 AM

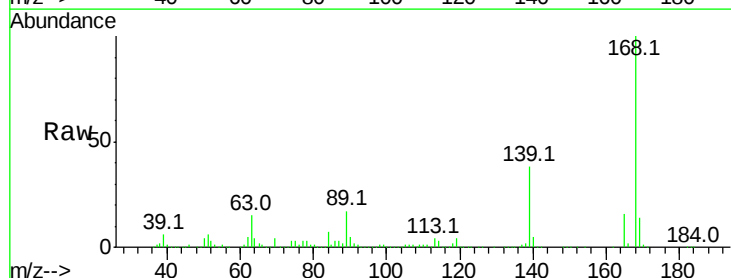


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

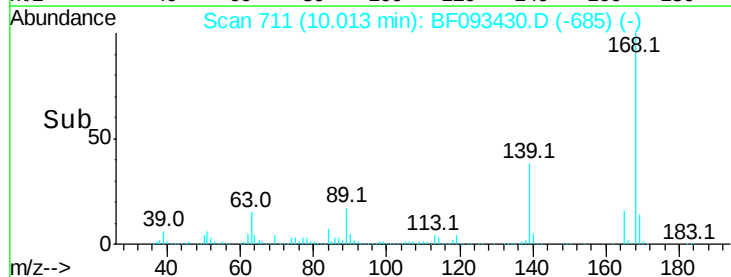
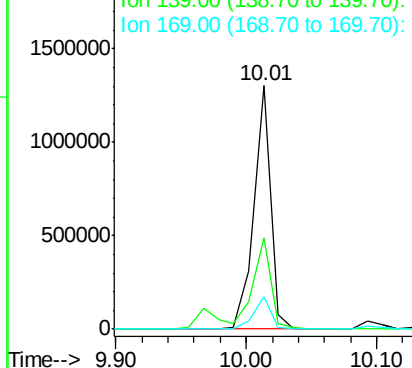


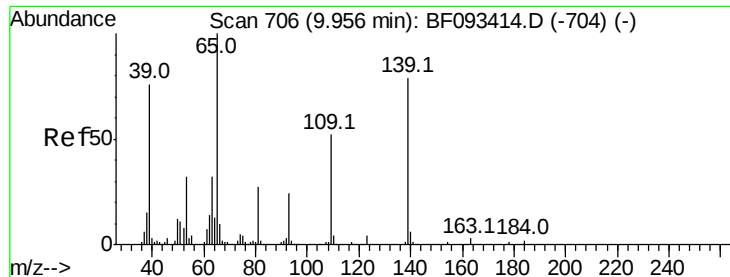
#54
Dibenzofuran
Concen: 45.08 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1169740		
139	37.6	32.6	49.0	
169	13.5	11.3	16.9	



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





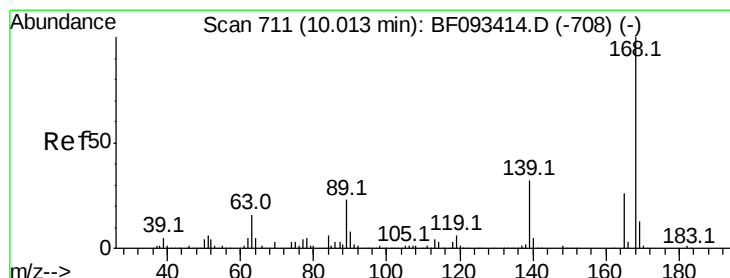
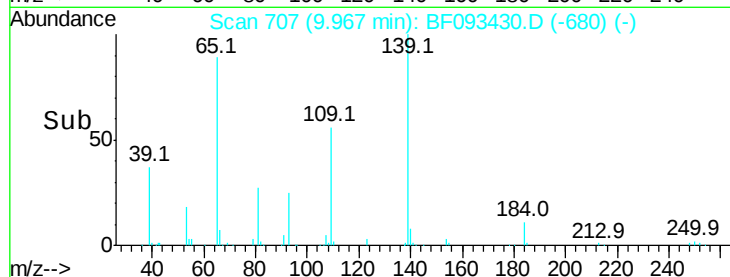
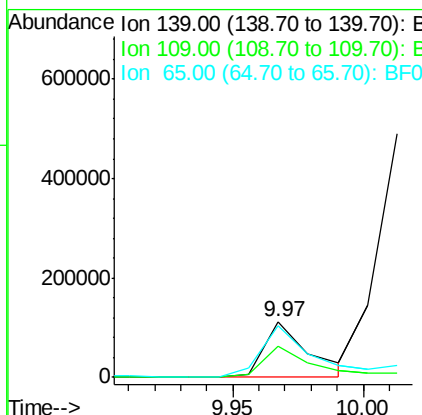
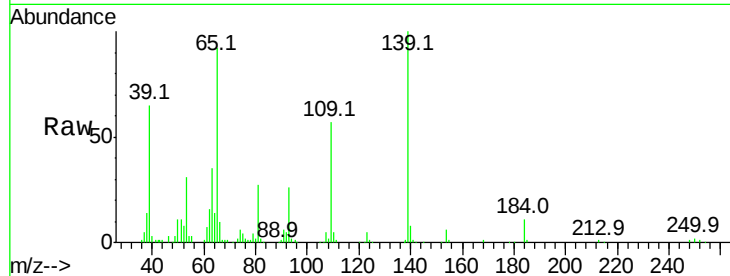
#55
4-Nitrophenol
Concen: 41.24 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	56.7	52.2	92.2
65	92.0	85.8	125.8

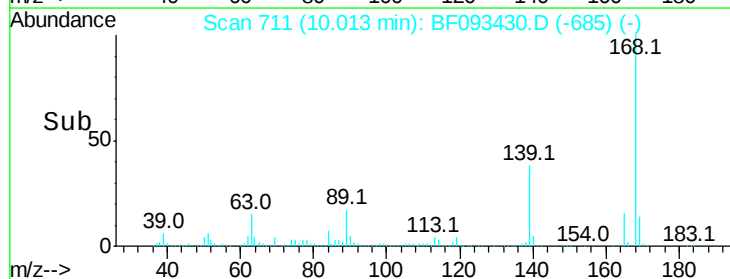
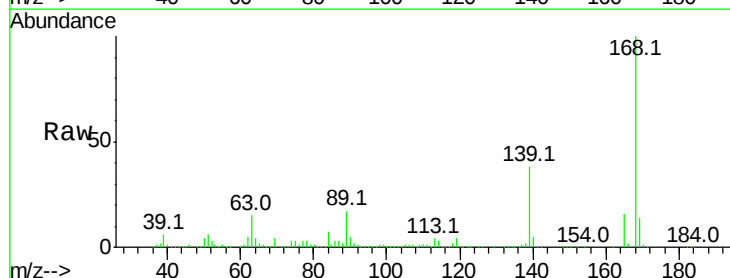
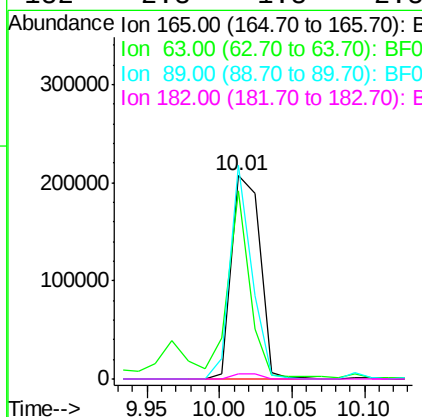
Manual Integrations
APPROVED

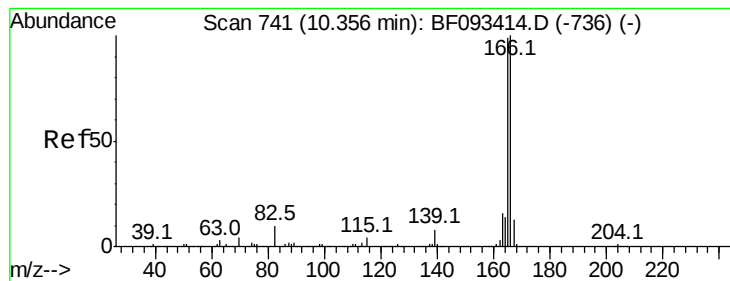
mohammad
3/10/2017 8:11:33 AM



#56
2,4-Dinitrotoluene
Concen: 41.42 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	92.7	40.2	60.4#
89	105.1	62.5	93.7#
182	2.3	1.8	2.8





#57

Fluorene

Concen: 45.31 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

BNA_F

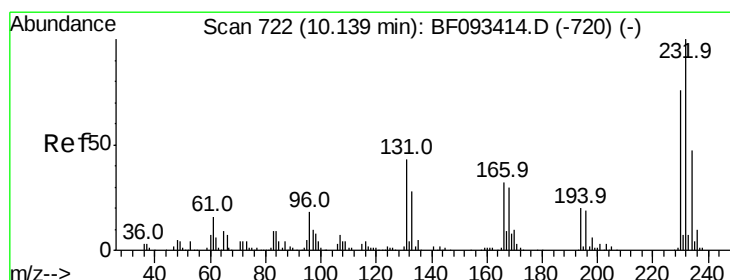
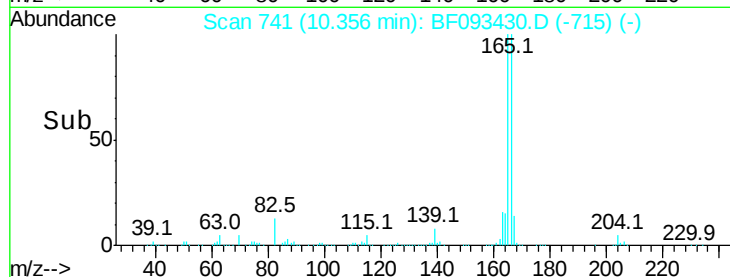
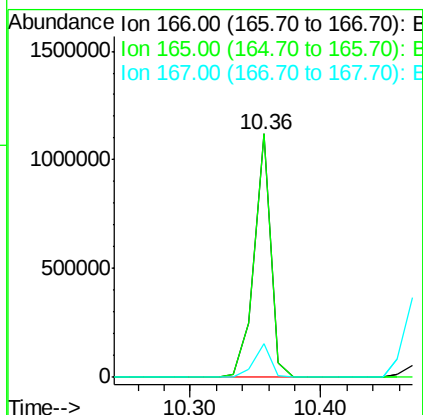
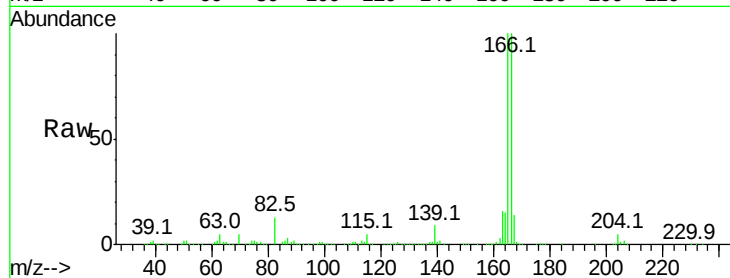
ClientSampled :

SSTDCCC040

Tot Ion:	166	Resp:	996280
Ion Ratio	Lower	Upper	
166	100		
165	99.8	77.8	116.8
167	13.6	10.8	16.2

Manual Integrations
APPROVED

mohammad
3/10/2017 8:11:33 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.68 ng

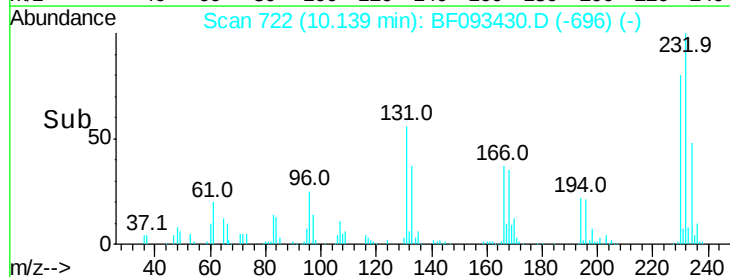
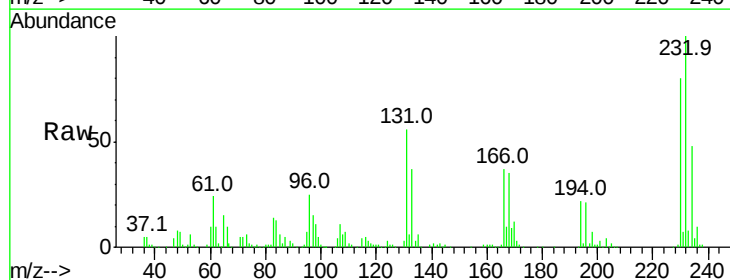
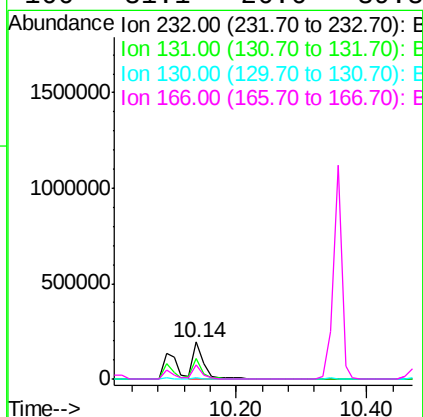
RT: 10.14 min Scan# 722

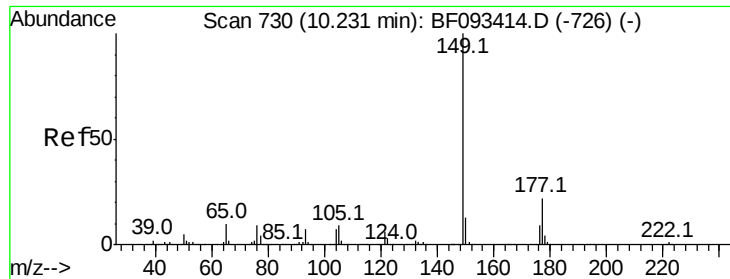
Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Tgt Ion:	232	Resp:	224955
Ion Ratio	Lower	Upper	
232	100		
131	46.8	40.1	60.1
130	2.2	1.8	2.8
166	31.1	26.6	39.8





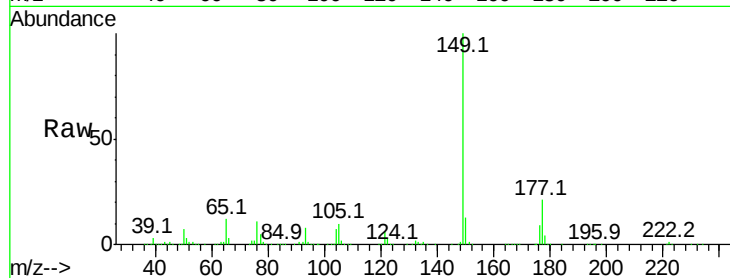
#59
Diethylphthalate
Concen: 40.51 ng
RT: 10.23 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

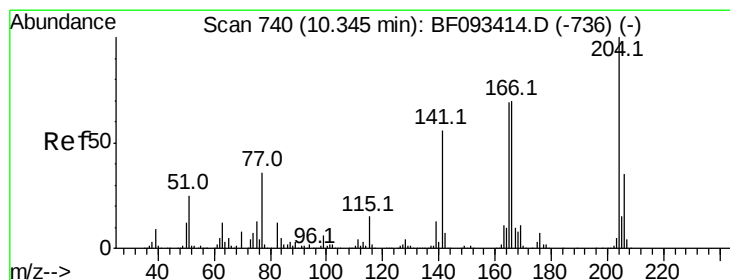
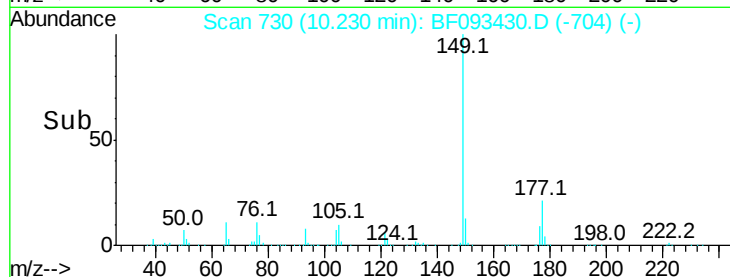
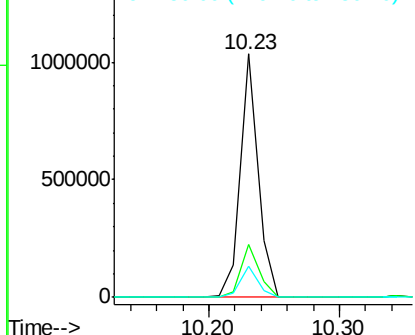
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	21.5	16.6	25.0	
150	12.9	10.4	15.6	

Manual Integrations
APPROVED

mohammad
3/10/2017 8:11:33 AM

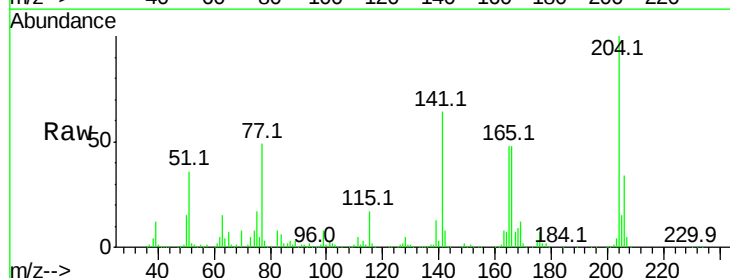


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

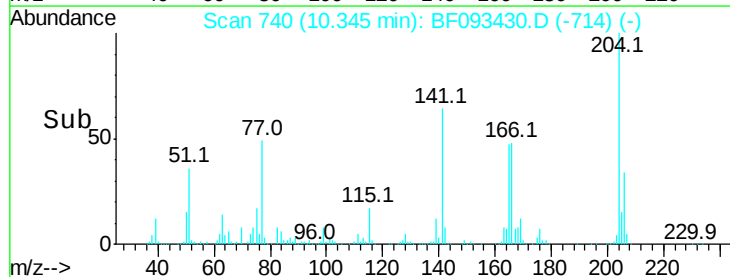
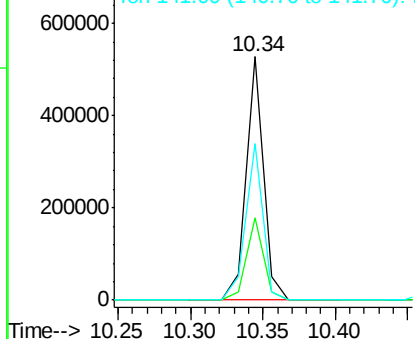


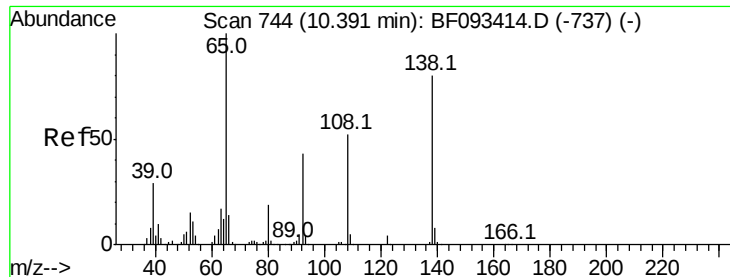
#60
4-Chlorophenyl-phenylether
Concen: 44.50 ng
RT: 10.34 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	34.0	25.8	38.6	
141	64.2	59.4	89.0	



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





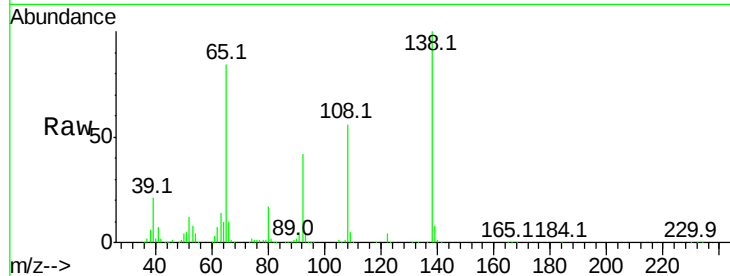
#61
4-Nitroaniline
Concen: 46.59 ng
RT: 10.40 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	41.8	31.7	71.7
108	55.9	52.6	92.6

Manual Integrations
APPROVED

mohammad
3/10/2017 8:11:33 AM

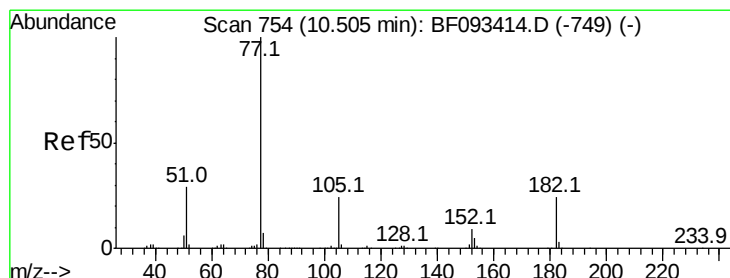
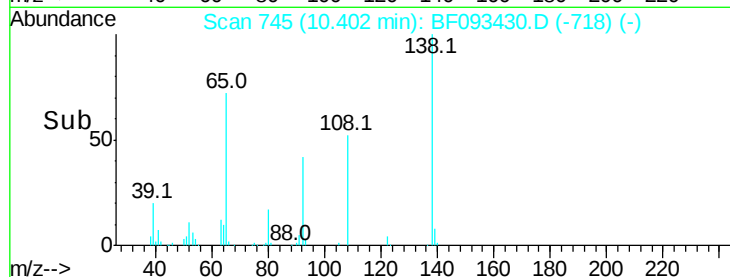
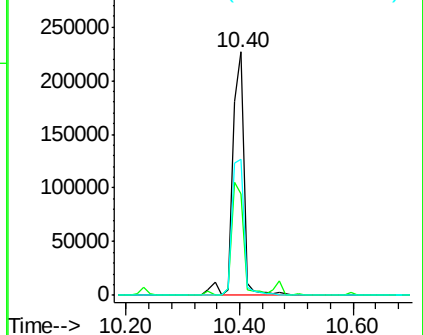


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 44.50 ng
RT: 10.50 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.1	0.0	39.3
105	23.0	2.3	42.3
51	32.3	8.9	48.9

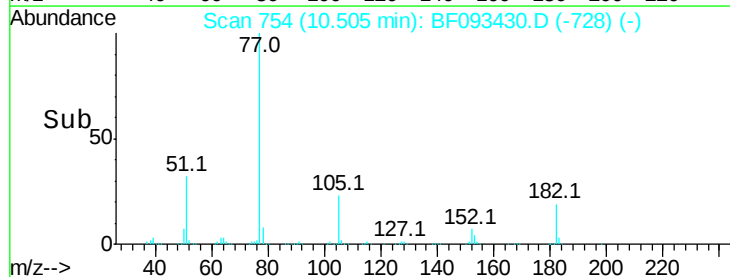
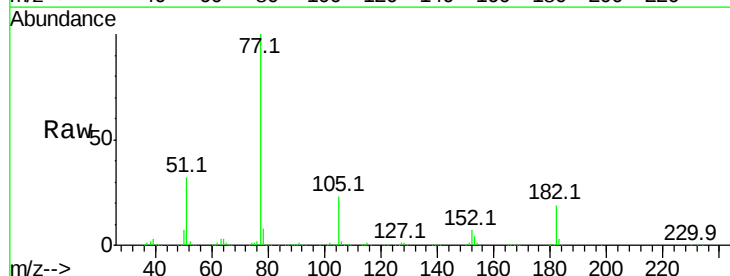
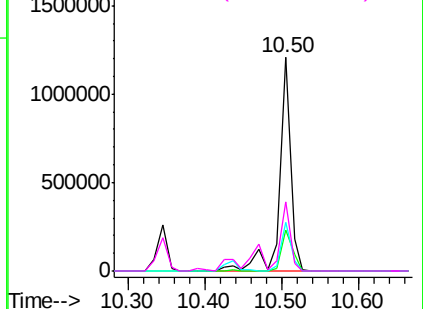
Abundance

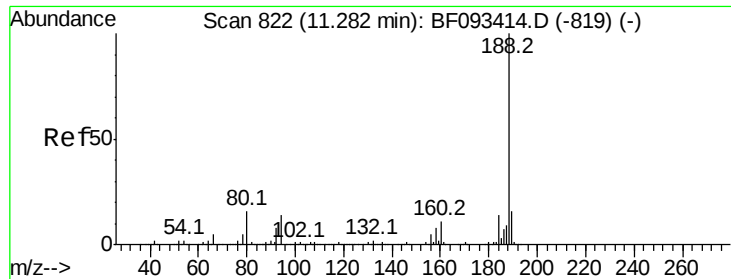
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 823

Delta R.T. 0.01 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

BNA_F

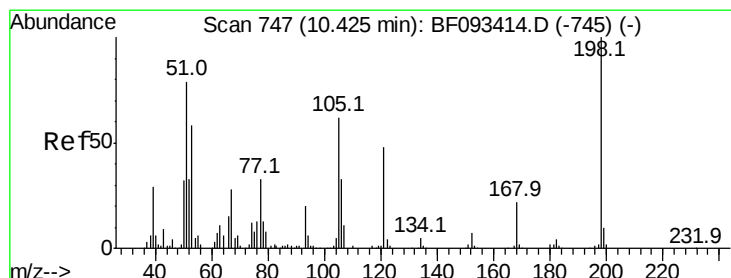
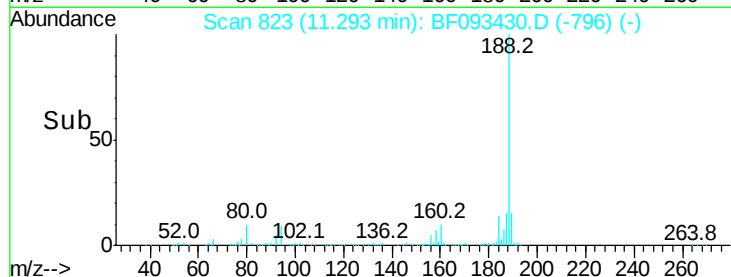
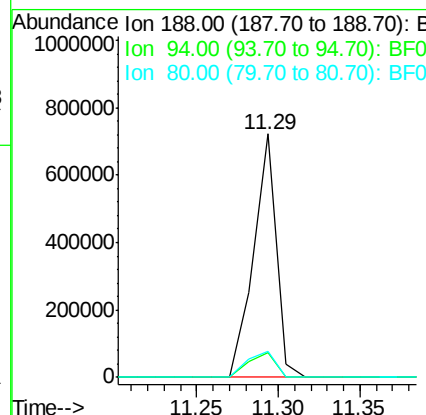
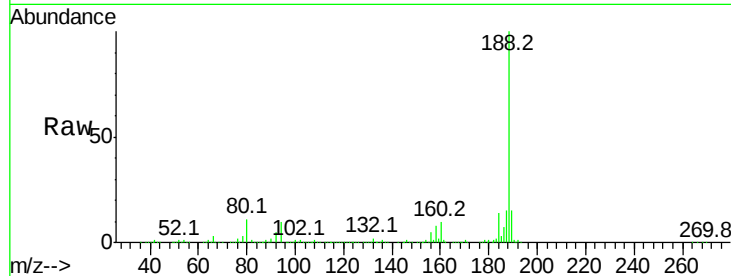
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.1	10.0	15.0
80	10.5	11.2	16.8#

Manual Integrations
APPROVED

mohammad
3/10/2017 8:11:33 AM



#64

4,6-Dinitro-2-methylphenol

Concen: 38.79 ng

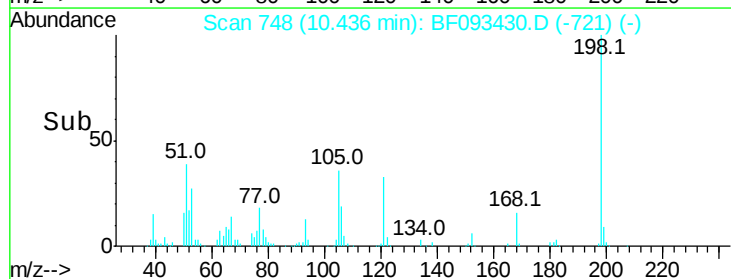
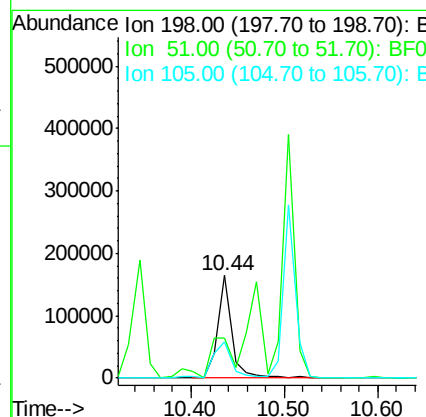
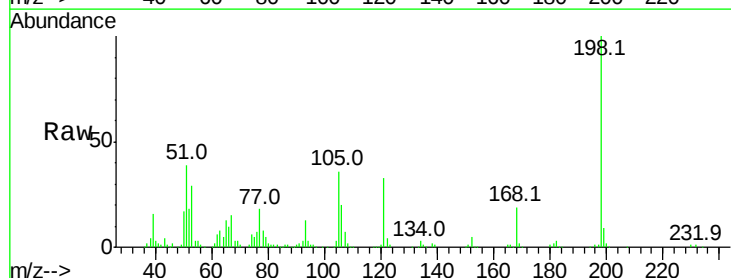
RT: 10.44 min Scan# 748

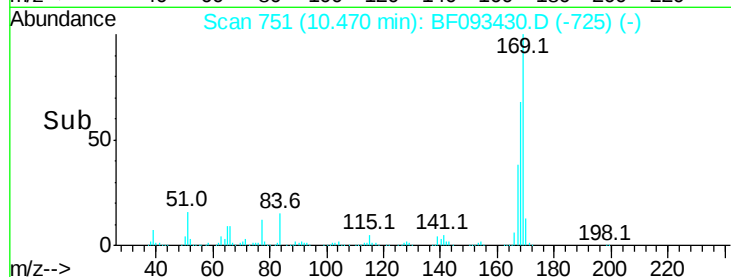
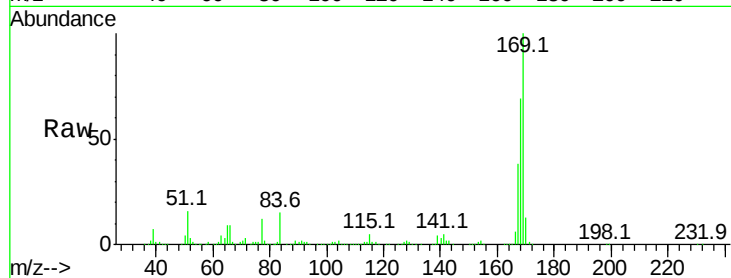
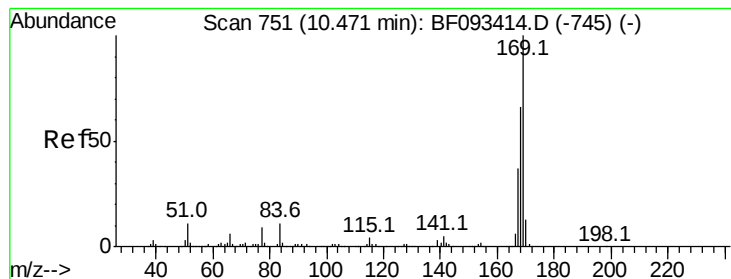
Delta R.T. 0.01 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Lower	Upper
198	100		
51	38.8	6.7	46.7
105	35.8	16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 37.35 ng

RT: 10.47 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Tot Ion:	169	Resp:	873627
Ion Ratio	Lower	Upper	
169	100		
168	68.5	54.2	81.2
167	37.7	30.2	45.4

Instrument :

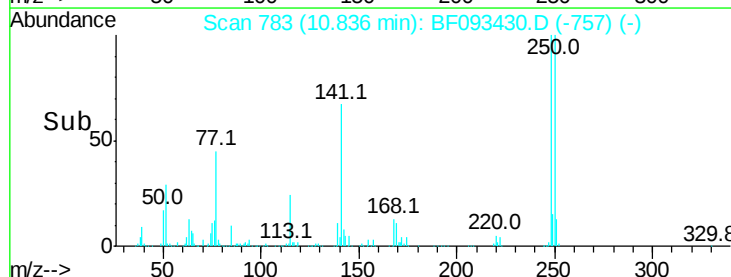
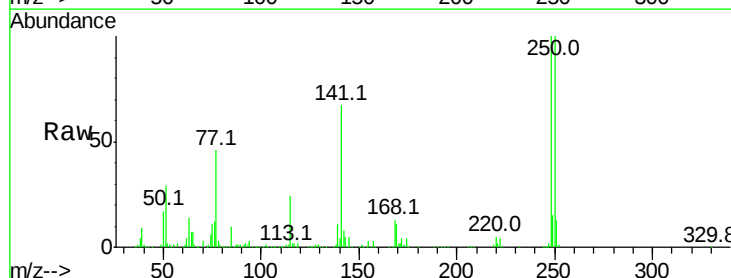
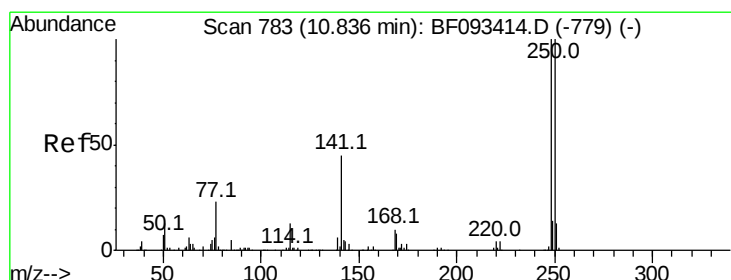
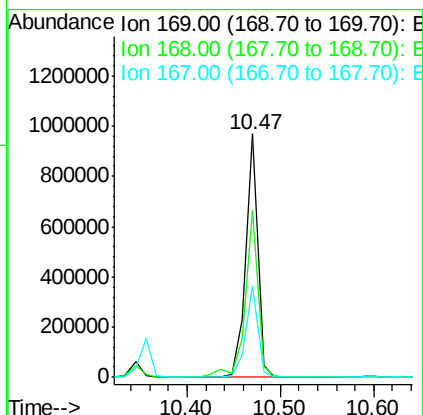
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

mohammad
3/10/2017 8:11:33 AM



#66

4-Bromophenyl-phenylether

Concen: 38.01 ng

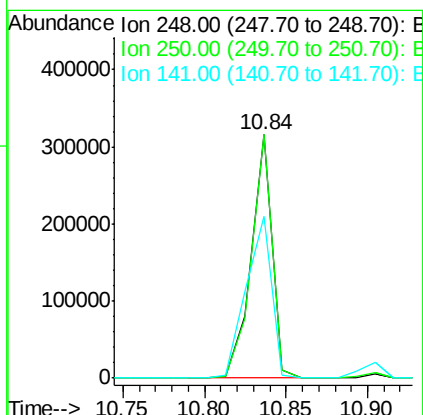
RT: 10.84 min Scan# 783

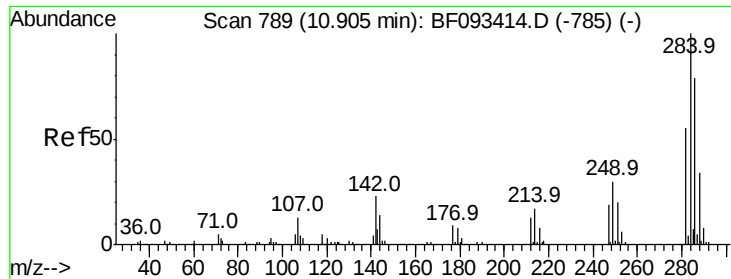
Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Tgt Ion:	248	Resp:	281584
Ion Ratio	Lower	Upper	
248	100		
250	99.8	76.9	115.3
141	66.6	68.2	102.4#





#67

Hexachlorobenzene

Concen: 36.71 ng

RT: 10.90 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

BNA_F

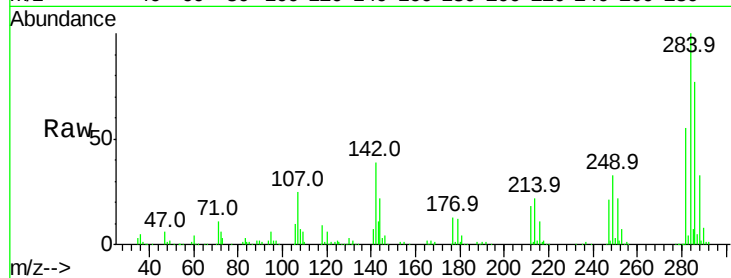
ClientSampleId :

SSTDCCC040

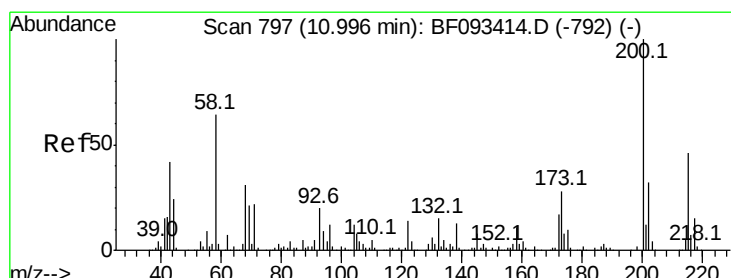
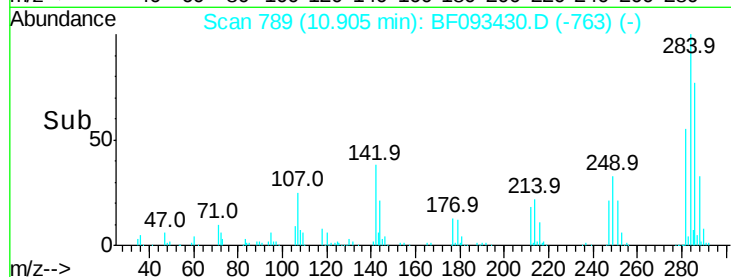
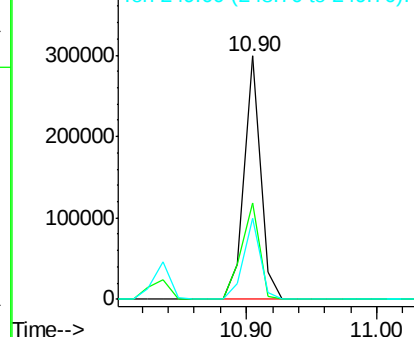
Tot Ion	Ratio	Resp	Lower	Upper
284	100	259650		
142	39.5	22.6	33.8#	
249	33.5	25.4	38.0	

Manual Integrations
APPROVED

mohammad
3/10/2017 8:11:33 AM



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: 38.60 ng

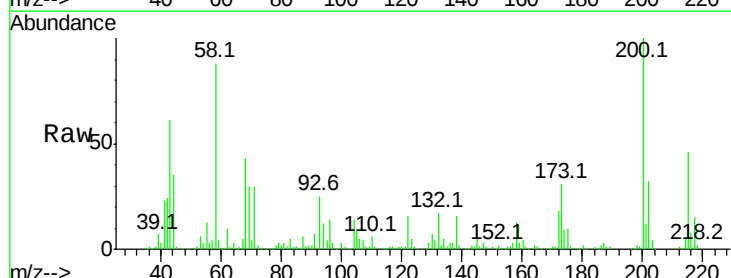
RT: 11.00 min Scan# 797

Delta R.T. -0.00 min

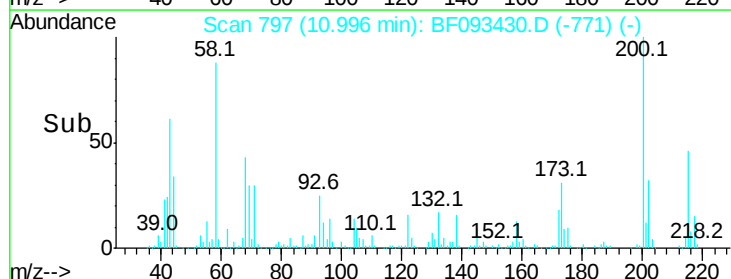
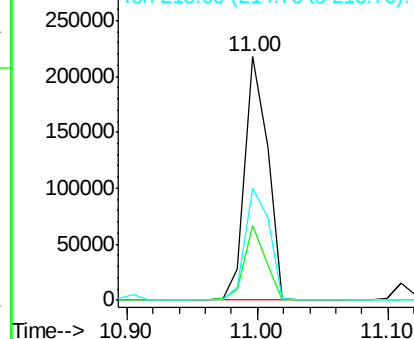
Lab File: BF093430.D

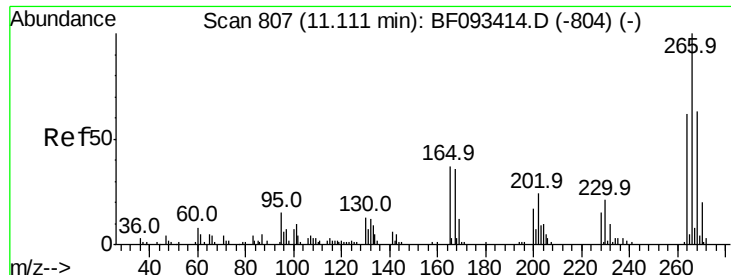
Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	264287		
173	30.5	9.6	49.6	
215	45.9	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





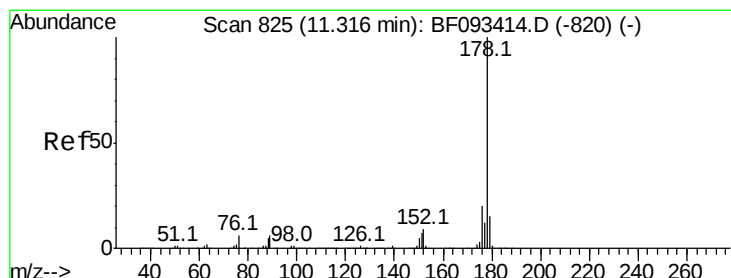
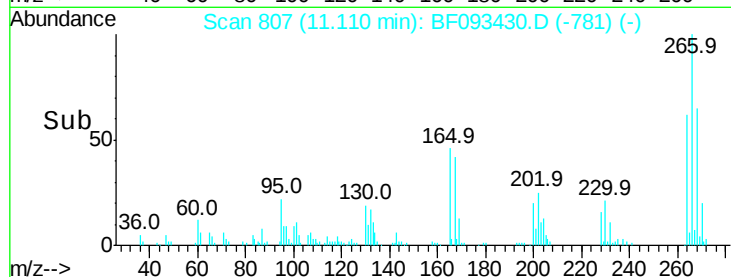
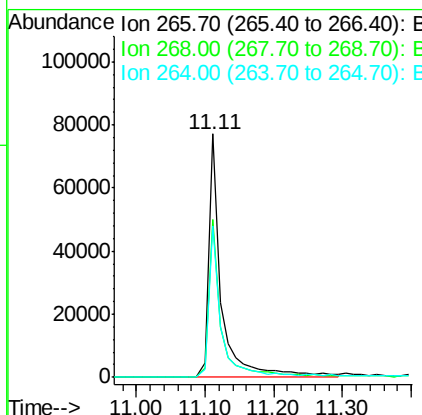
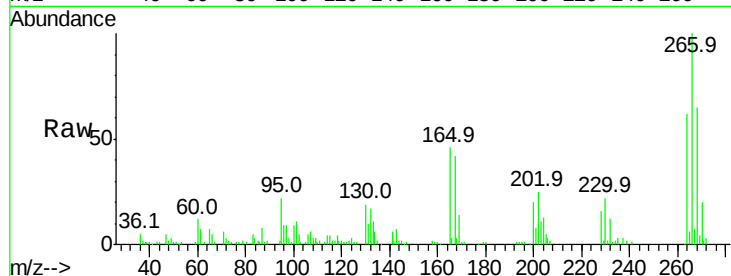
#69
 Pentachlorophenol
 Concen: 41.36 ng
 RT: 11.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.0	53.3	79.9
264	62.1	50.3	75.5

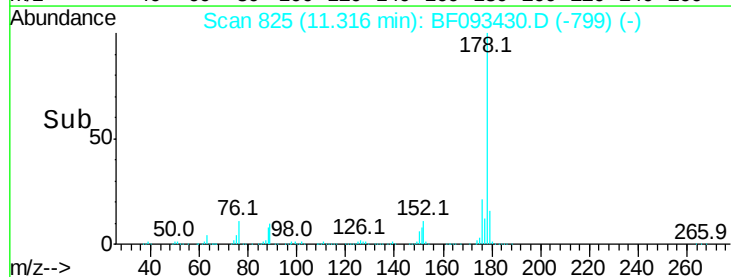
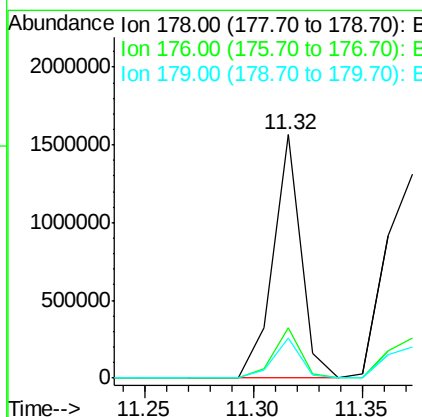
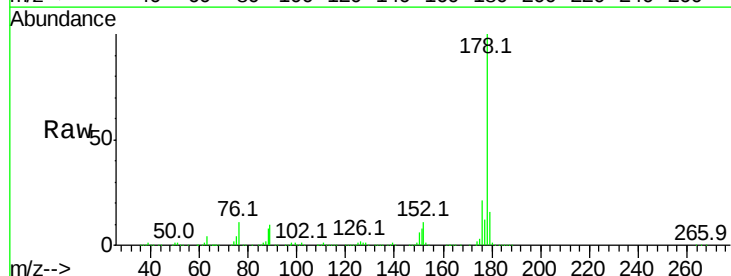
Manual Integrations
 APPROVED

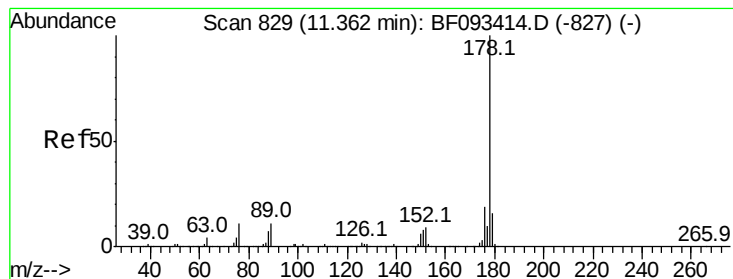
mohammad
 3/10/2017 8:11:33 AM



#70
 Phenanthrene
 Concen: 35.30 ng
 RT: 11.32 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.6	25.0
179	16.3	12.8	19.2





#71

Anthracene

Concen: 39.26 ng

RT: 11.37 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1587952

Ion Ratio Lower Upper

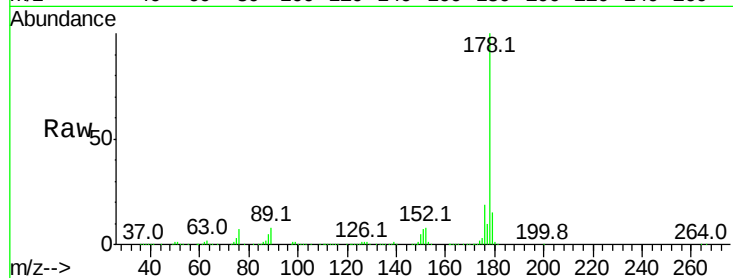
178 100

176 19.4 15.9 23.9

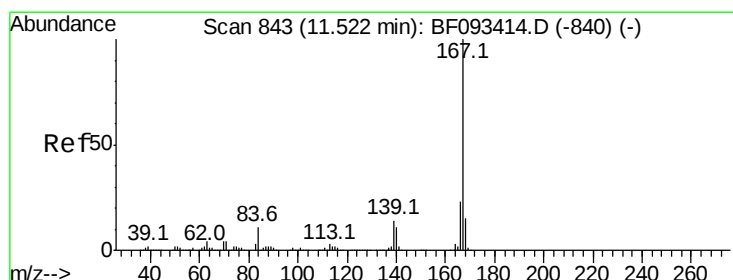
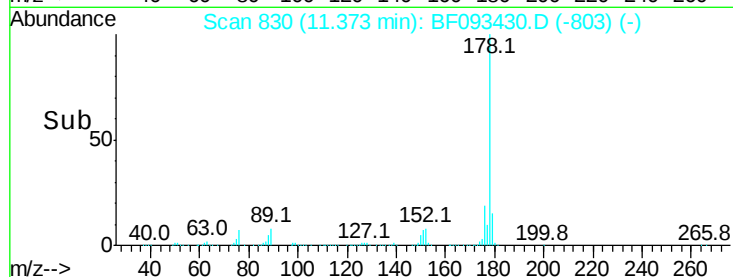
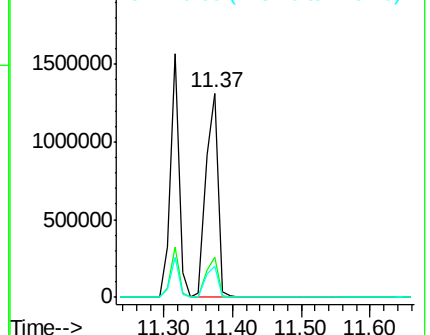
179 15.3 13.2 19.8

Manual Integrations
APPROVED

mohammad
3/10/2017 8:11:33 AM



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



#72

Carbazole

Concen: 41.04 ng

RT: 11.53 min Scan# 844

Delta R.T. 0.01 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

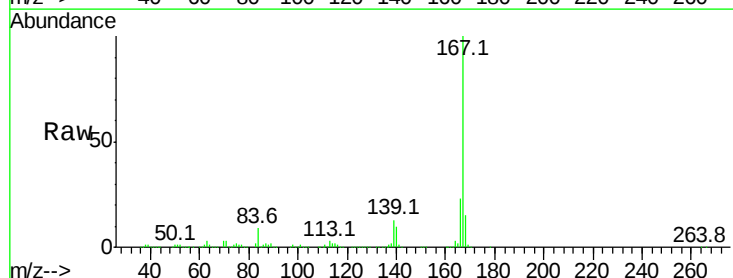
Tgt Ion:167 Resp: 1559529

Ion Ratio Lower Upper

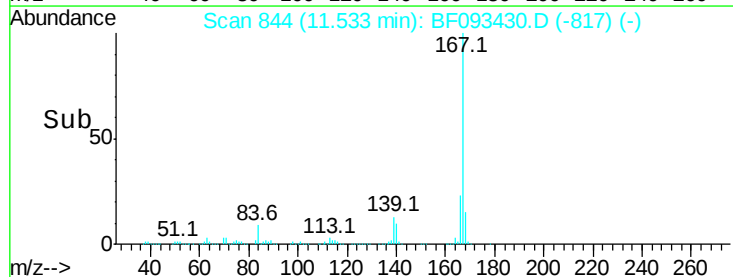
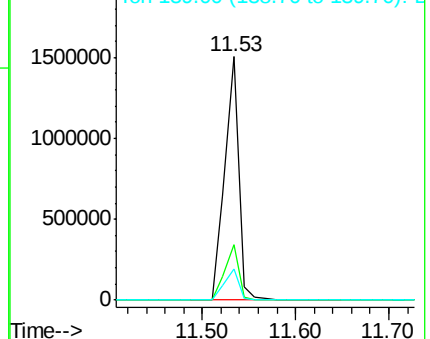
167 100

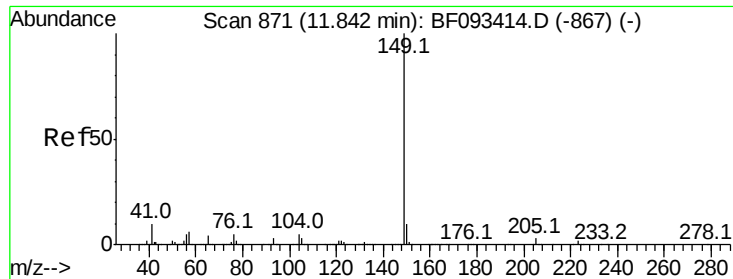
166 22.6 18.2 27.2

139 13.0 11.4 17.2



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





#73

Di-n-butylphthalate

Concen: 38.56 ng

RT: 11.85 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1694948

Ion Ratio Lower Upper

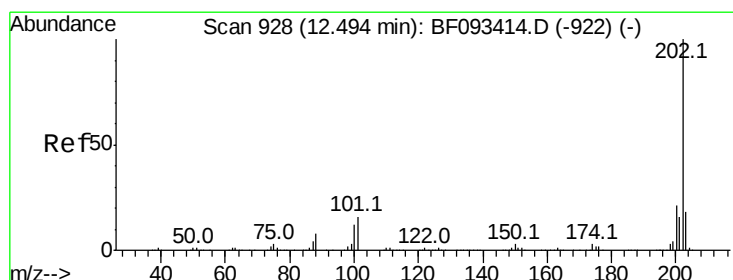
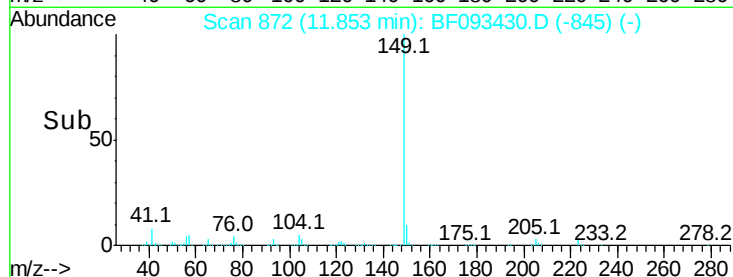
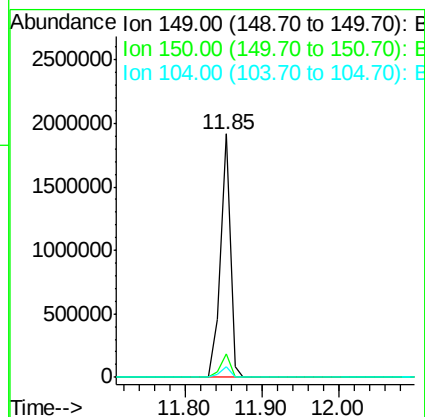
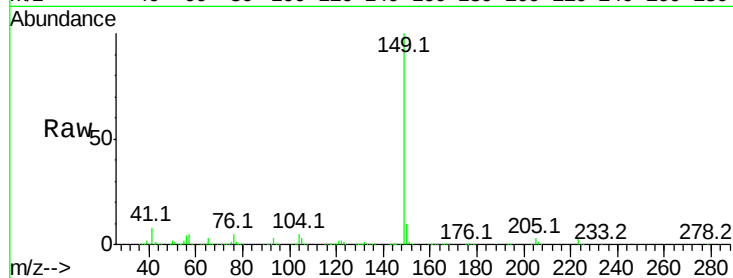
149 100

150 9.6 8.1 12.1

104 4.6 4.6 7.0#

Manual Integrations
APPROVED

mohammad
3/10/2017 8:11:33 AM



#74

Fluoranthene

Concen: 36.89 ng

RT: 12.50 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

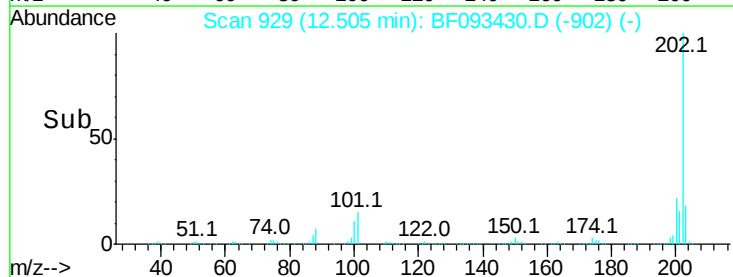
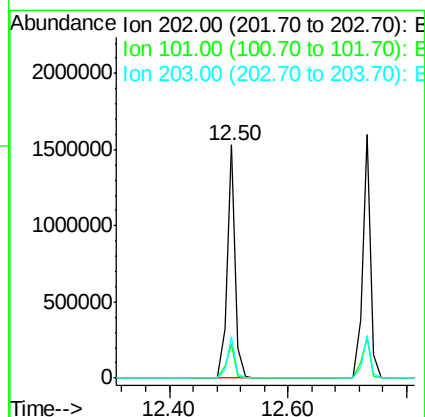
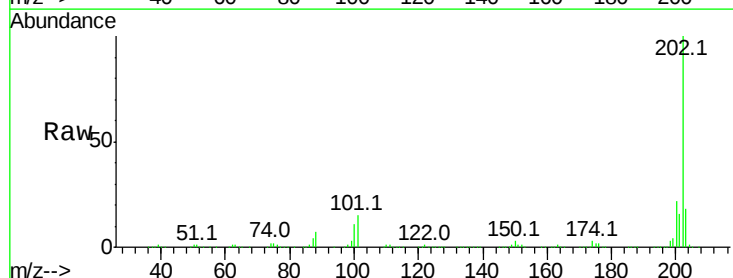
Tgt Ion:202 Resp: 1424977

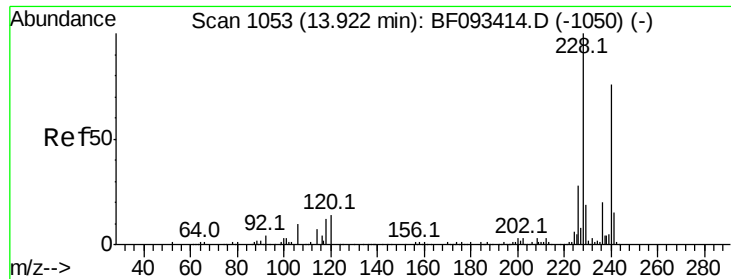
Ion Ratio Lower Upper

202 100

101 14.6 0.0 34.6

203 17.8 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

BNA_F

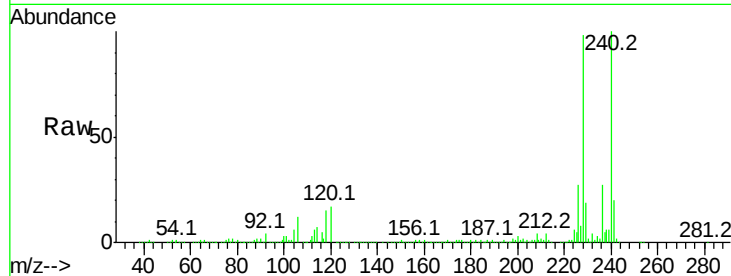
ClientSampleId :

SSTDCCC040

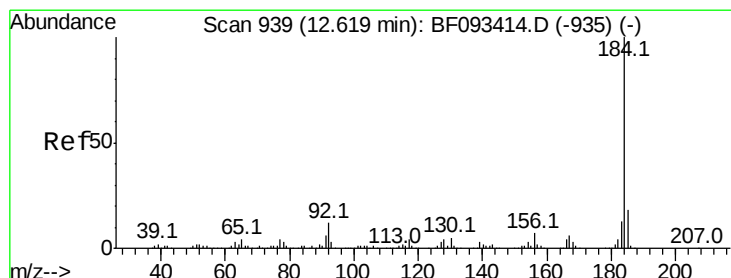
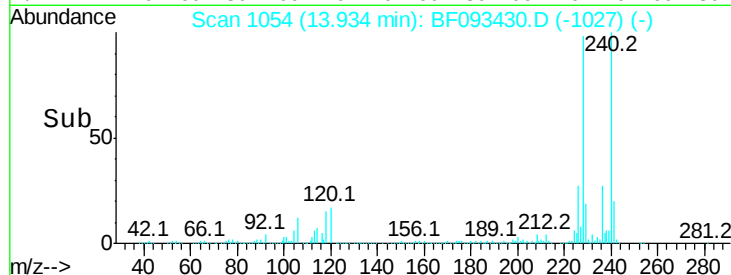
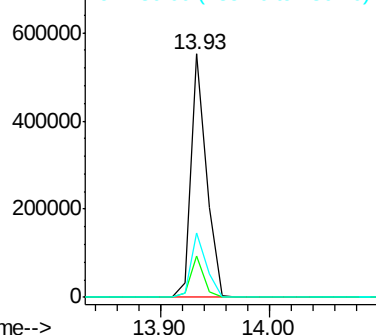
Tot Ion:	240	Resp:	550057
Ion Ratio	Lower	Upper	
240	100		
120	17.2	12.9	19.3
236	26.6	20.9	31.3

Manual Integrations
APPROVED

mohammad
3/10/2017 8:11:33 AM



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: 43.40 ng

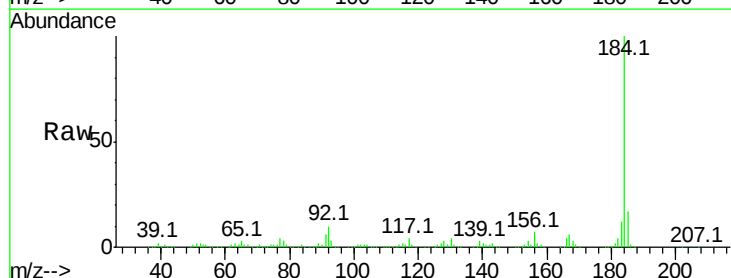
RT: 12.63 min Scan# 940

Delta R.T. 0.01 min

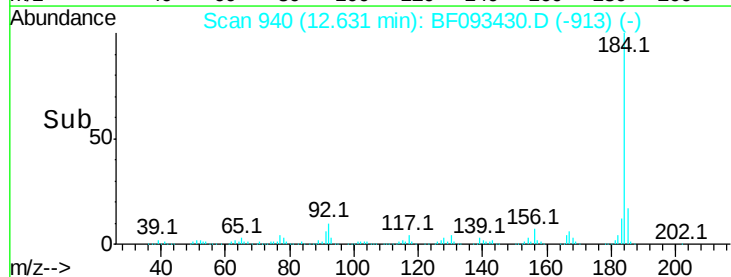
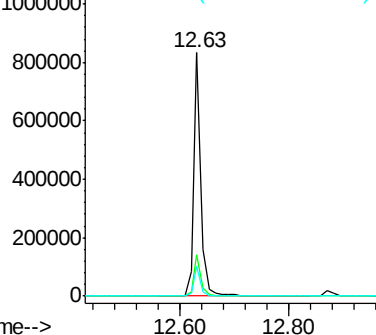
Lab File: BF093430.D

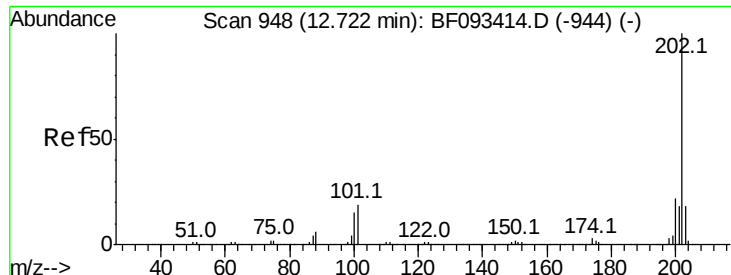
Acq: 8 Mar 2017 15:53

Tgt Ion:	184	Resp:	785023
Ion Ratio	Lower	Upper	
184	100		
185	17.0	13.4	20.0
183	12.1	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





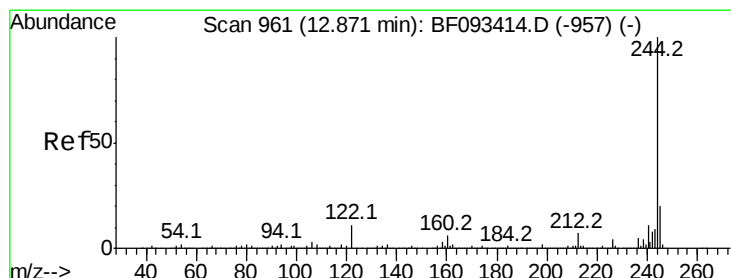
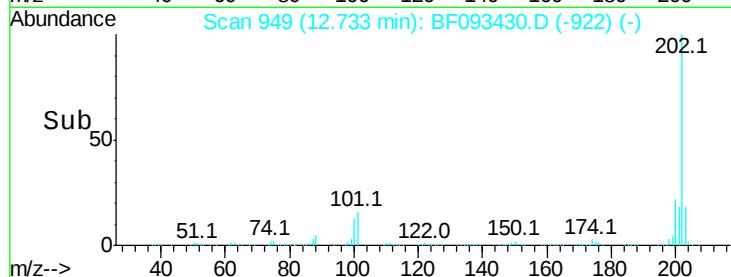
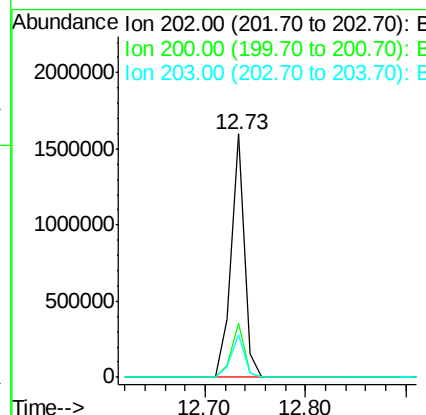
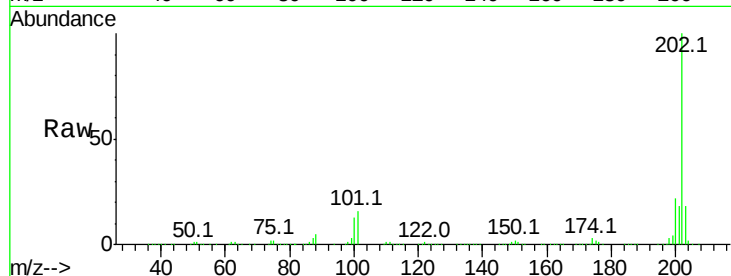
#77
Pvrene
Concen: 36.90 ng
RT: 12.73 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1476172
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 17.8 14.7 22.1

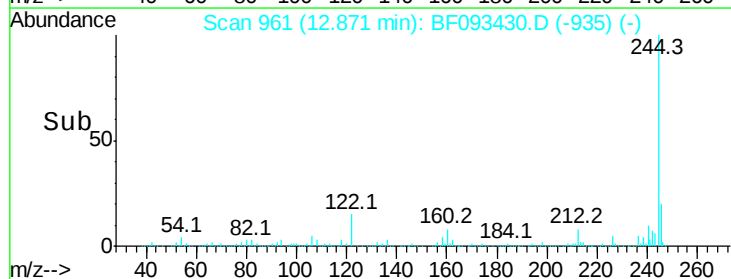
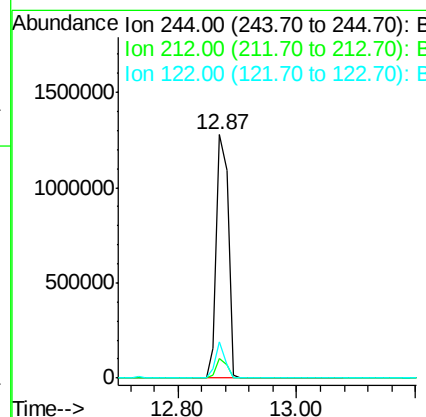
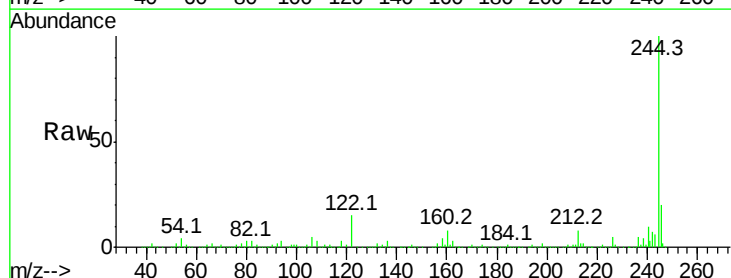
Manual Integrations
APPROVED

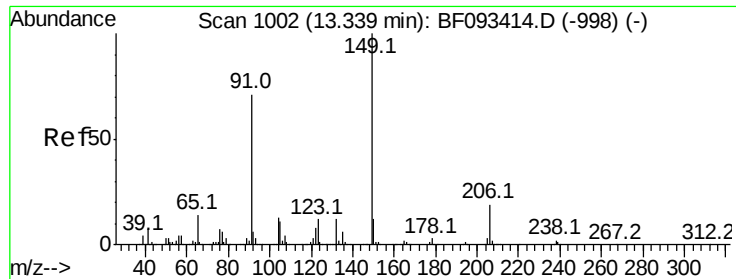
mohammad
3/10/2017 8:11:33 AM



#78
Terphenyl-d14
Concen: 82.93 ng
RT: 12.87 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion:244 Resp: 1754545
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 15.1 11.4 17.2





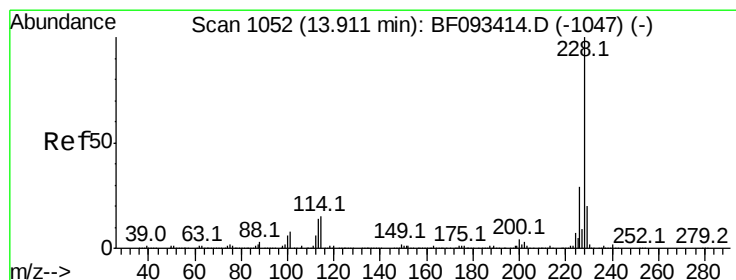
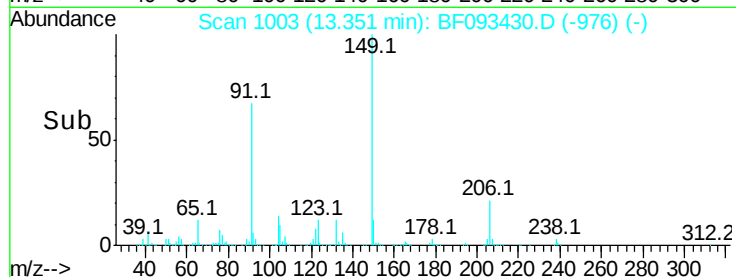
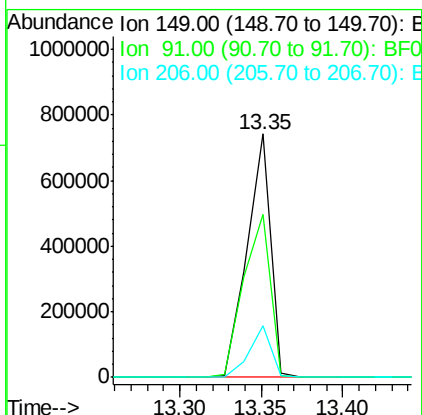
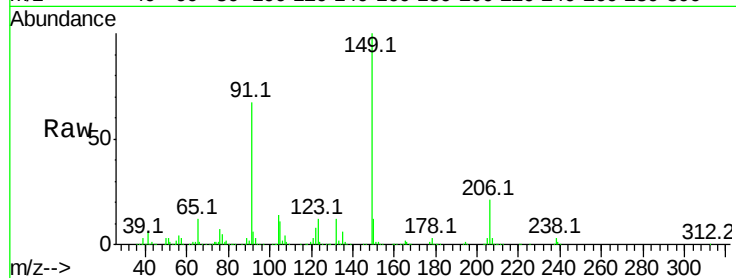
#79
Butylbenzylphthalate
Concen: 44.22 ng
RT: 13.35 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.0	63.9	95.9
206	21.1	14.6	21.8

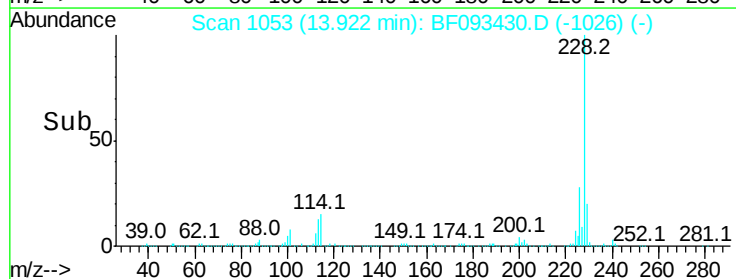
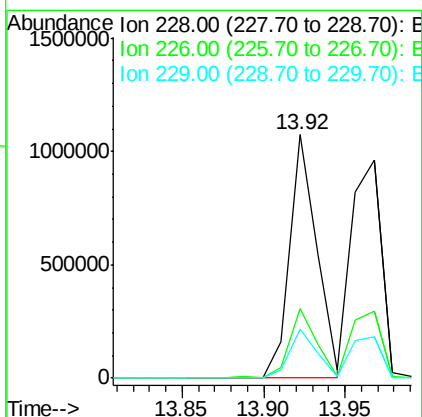
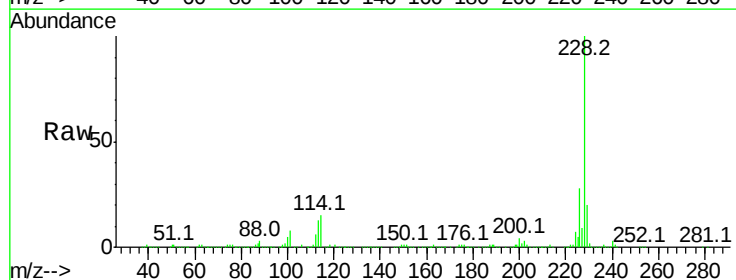
Manual Integrations
APPROVED

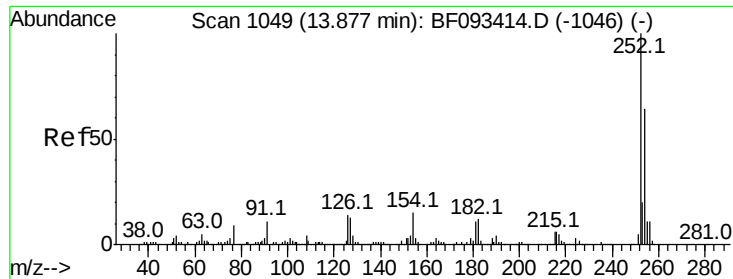
mohammad
3/10/2017 8:11:33 AM



#80
Benzo(a)anthracene
Concen: 38.37 ng
RT: 13.92 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.4	33.6
229	20.4	16.2	24.4





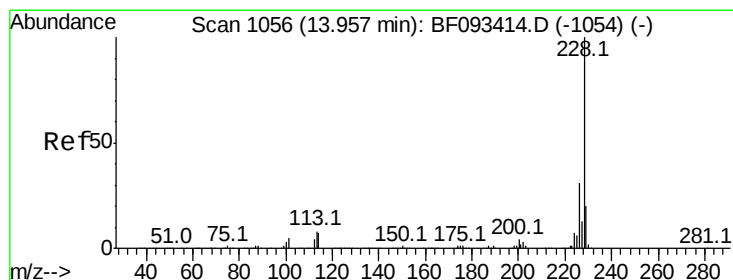
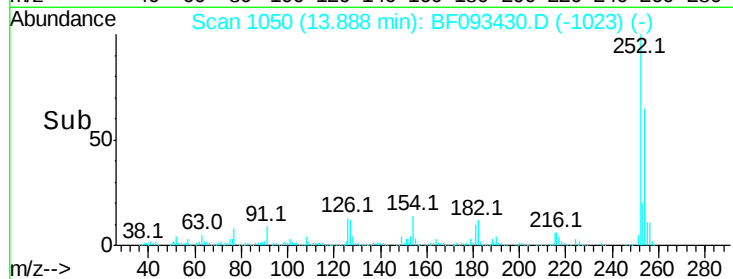
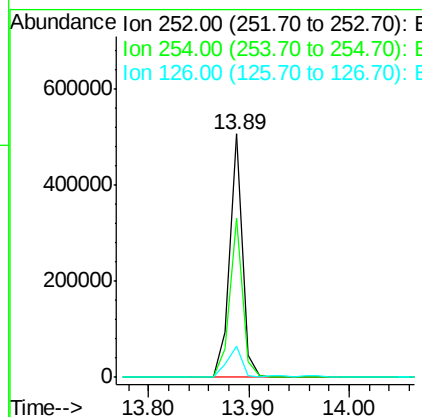
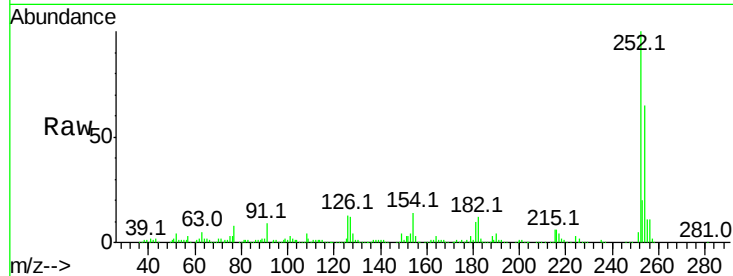
#81
 3,3'-Dichlorobenzidine
 Concen: 39.70 ng
 RT: 13.89 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	451684		
254	65.5	52.3	78.5	
126	12.9	13.6	20.4	

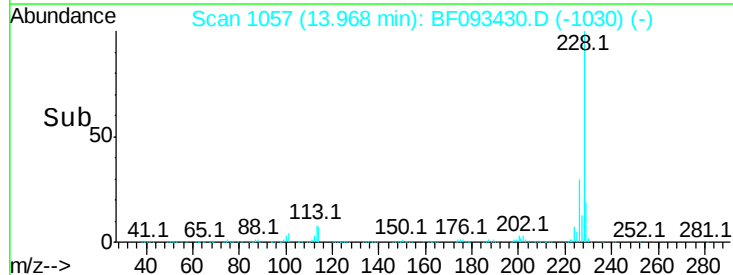
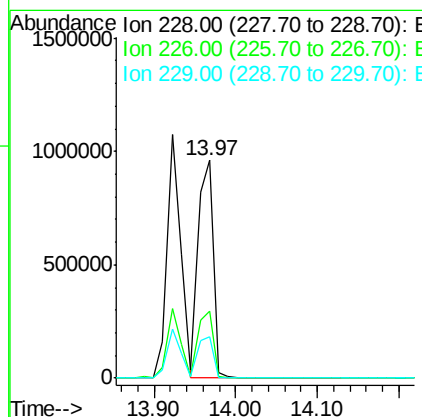
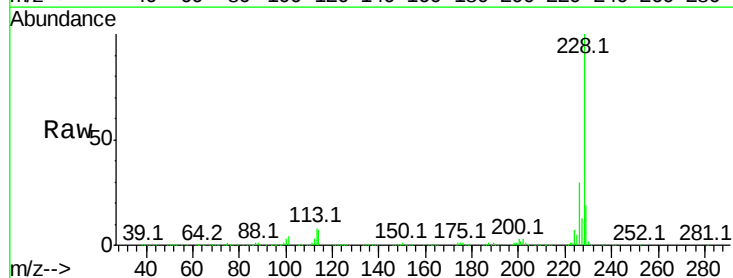
Manual Integrations
 APPROVED

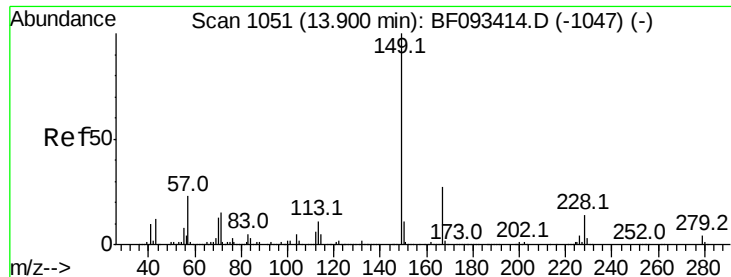
mohammad
 3/10/2017 8:11:33 AM



#82
 Chrysene
 Concen: 41.70 ng
 RT: 13.97 min Scan# 1057
 Delta R.T. 0.01 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1253233		
226	30.5	25.4	38.0	
229	19.3	16.2	24.2	





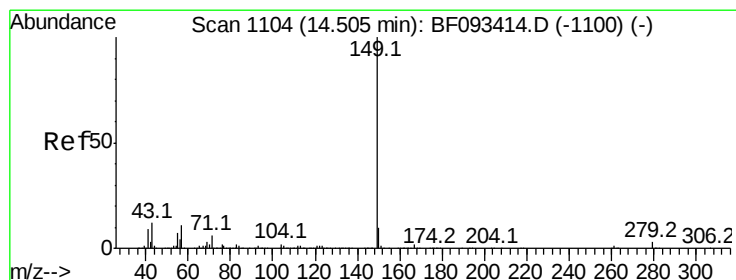
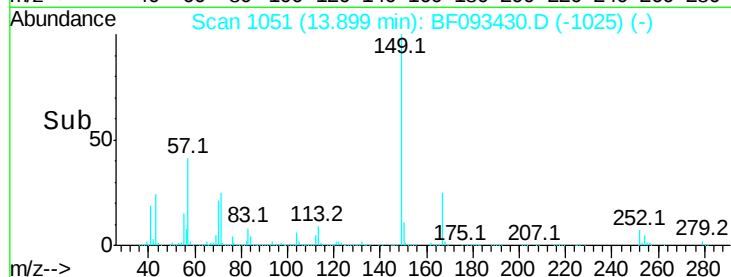
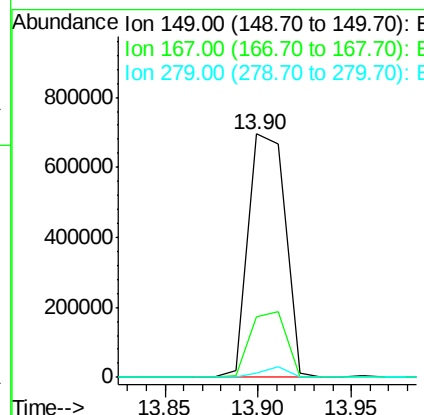
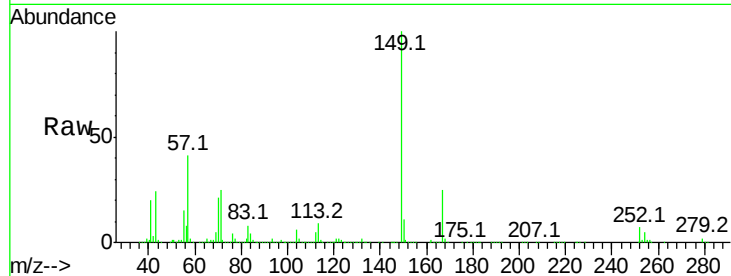
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.81 ng
 RT: 13.90 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.0	20.2	30.4
279	1.8	1.8	2.8

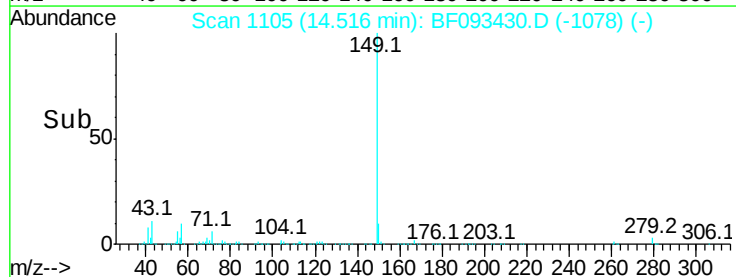
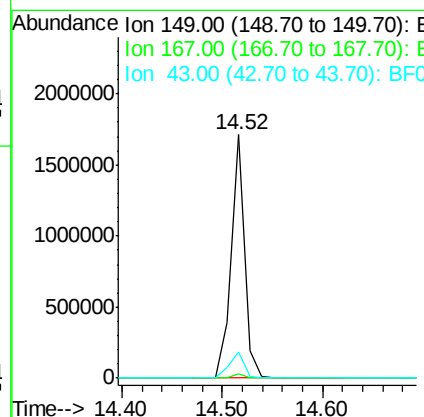
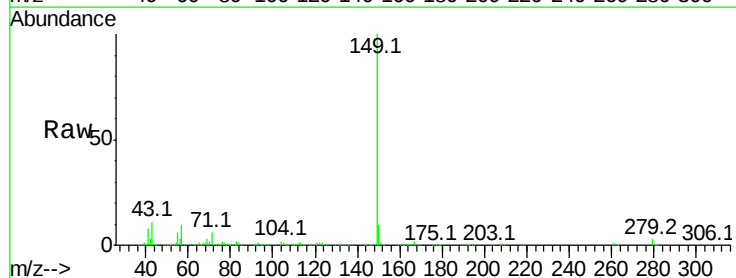
Manual Integrations
 APPROVED

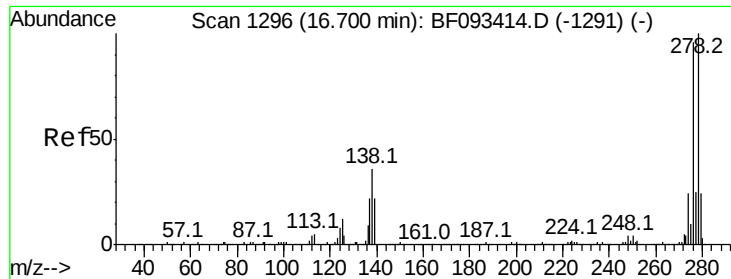
mohammad
 3/10/2017 8:11:33 AM



#84
 Di-n-octyl phthalate
 Concen: 40.54 ng
 RT: 14.52 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.9	8.9	13.3





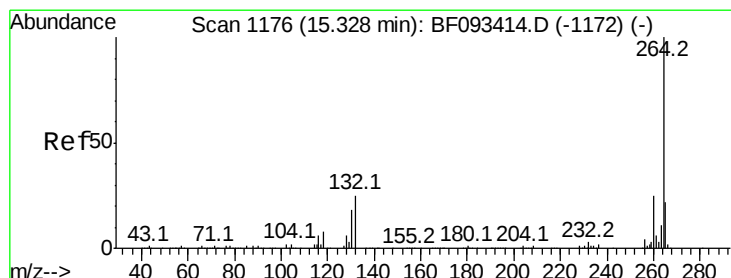
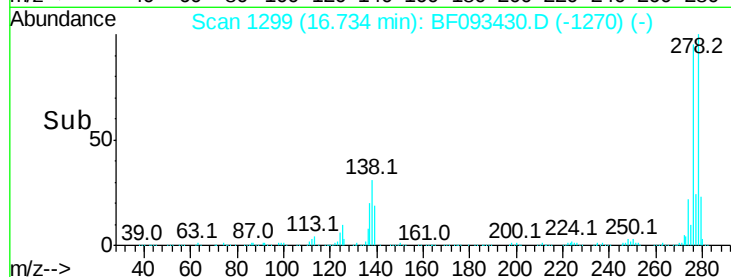
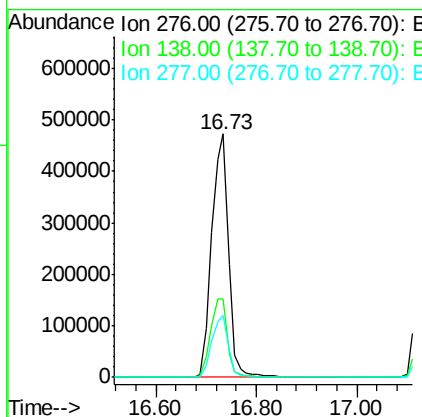
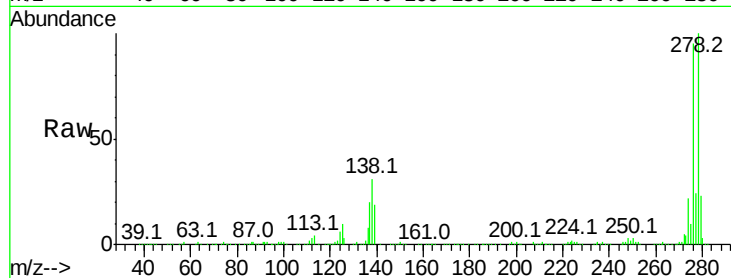
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.59 ng
 RT: 16.73 min Scan# 1299
 Delta R.T. 0.03 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.9	21.8	32.6
277	25.3	20.2	30.4

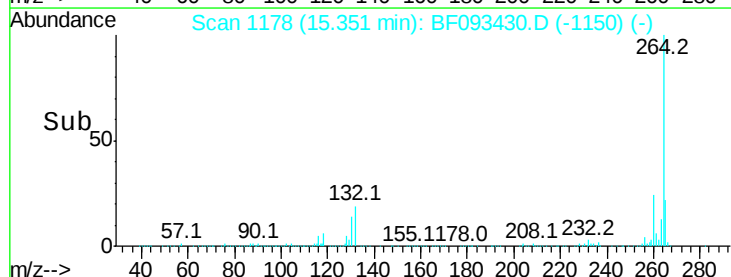
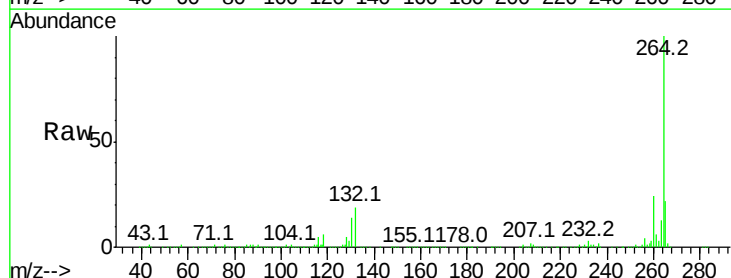
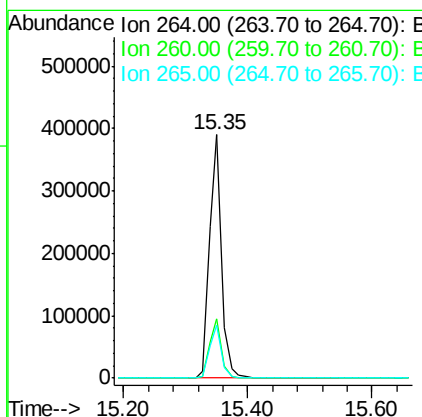
Manual Integrations
 APPROVED

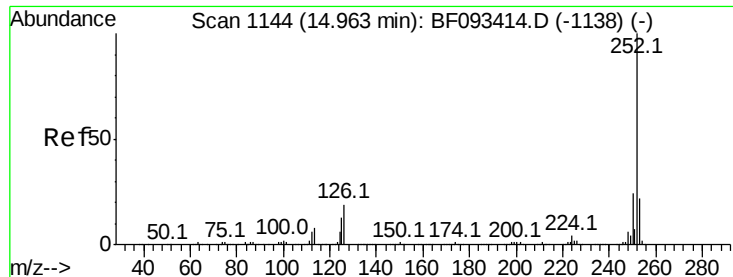
mohammad
 3/10/2017 8:11:33 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1178
 Delta R.T. 0.02 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	17.4	26.0





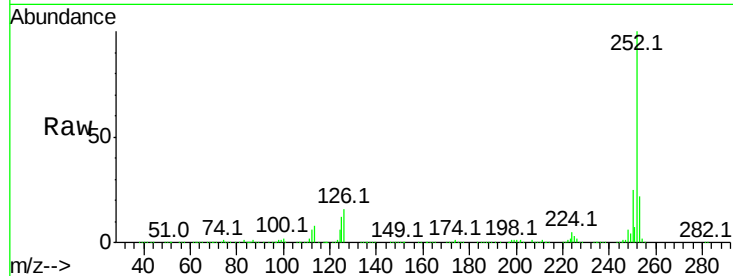
#87
Benzo(b)fluoranthene
Concen: 39.08 ng m
RT: 14.95 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

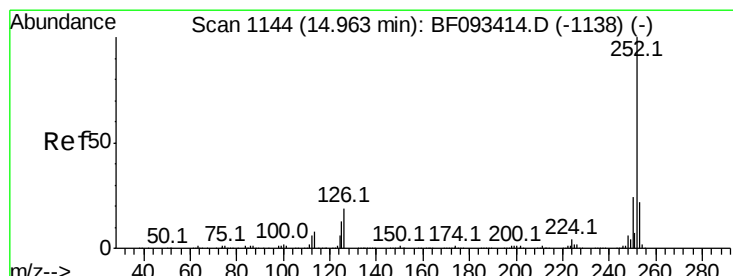
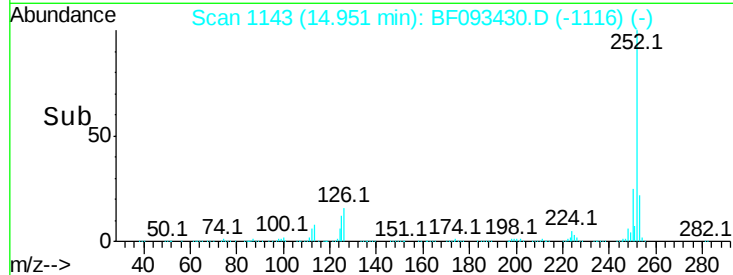
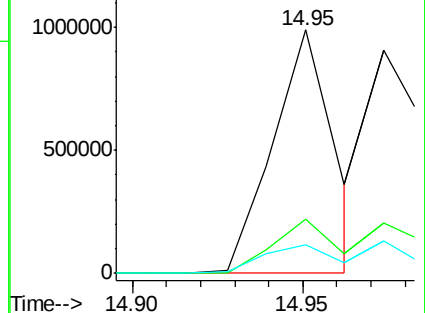
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	11.7	9.8	14.6

Manual Integrations
APPROVED

mohammad
3/10/2017 8:11:33 AM



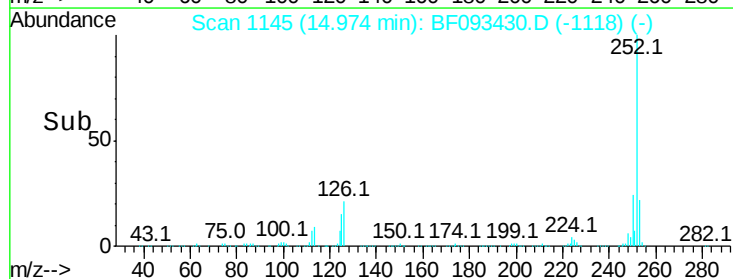
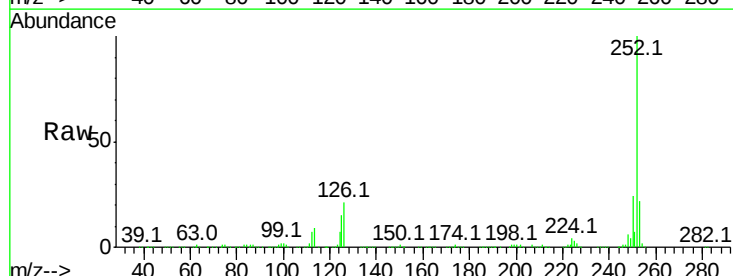
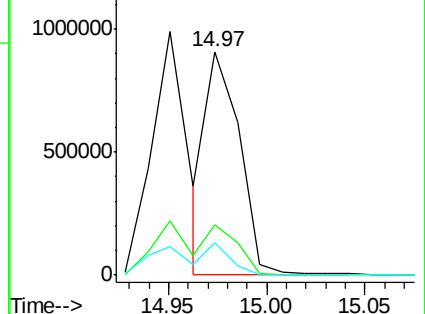
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

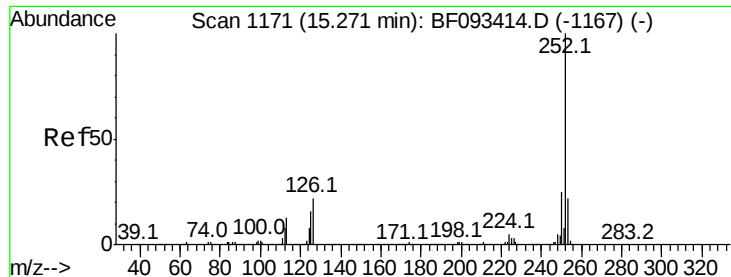


#88
Benzo(k)fluoranthene
Concen: 36.26 ng m
RT: 14.97 min Scan# 1145
Delta R.T. 0.01 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.5	27.7
125	14.6	8.9	13.3

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





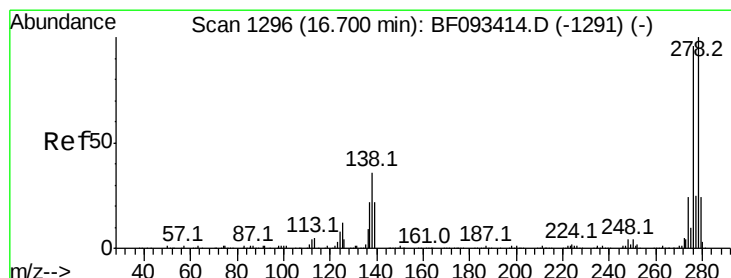
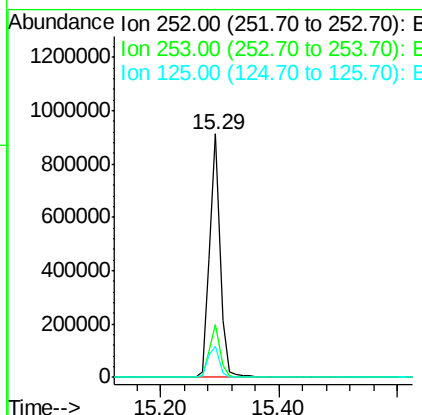
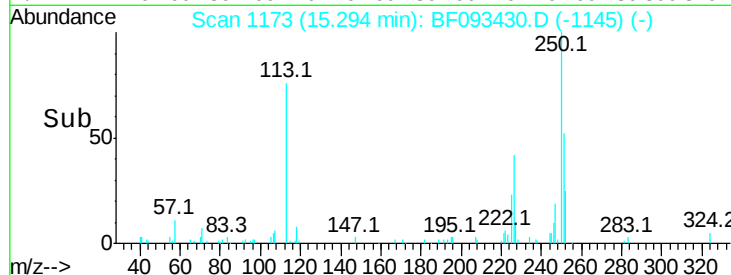
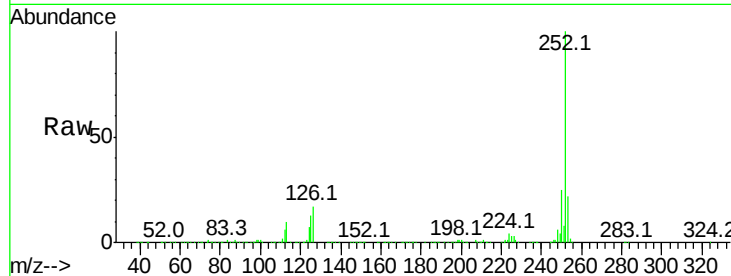
#89
Benzo(a)pyrene
Concen: 39.12 ng
RT: 15.29 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1125416
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 12.8 10.0 15.0

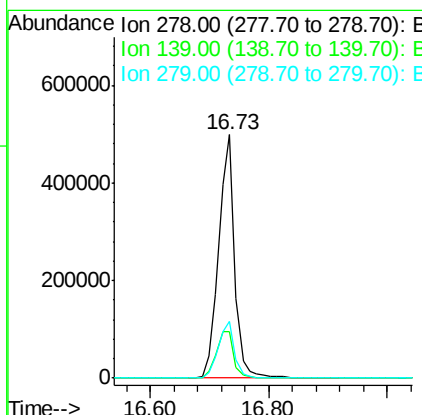
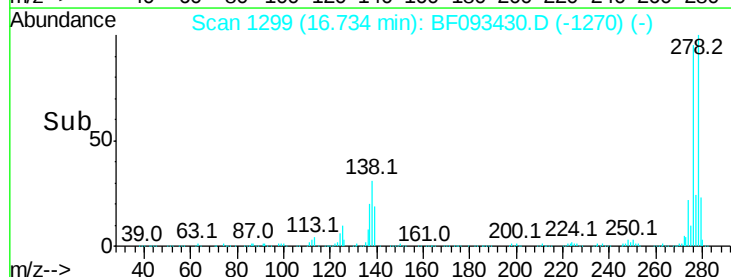
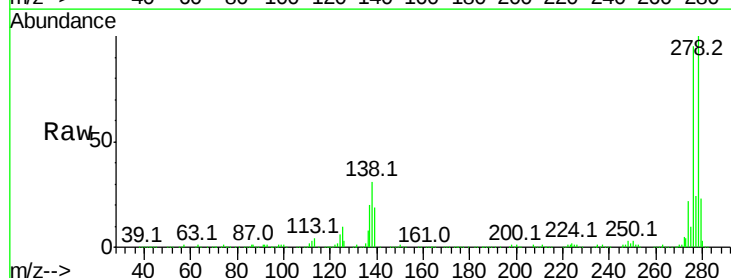
Manual Integrations
APPROVED

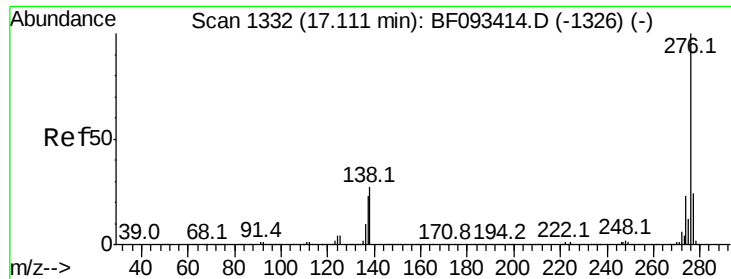
mohammad
3/10/2017 8:11:33 AM



#90
Dibenzo(a,h)anthracene
Concen: 39.22 ng
RT: 16.73 min Scan# 1299
Delta R.T. 0.03 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion:278 Resp: 933476
Ion Ratio Lower Upper
278 100
139 19.1 14.8 22.2
279 23.1 19.8 29.6





#91
 Benzo(a,h,i)perylene
 Concen: 39.32 ng
 RT: 17.13 min Scan# 1334
 Delta R.T. 0.02 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	28.8	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 3/10/2017 8:11:33 AM

