

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
 Data File : BF093213.D
 Acq On : 27 Feb 2017 19:12
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 2/28/2017 2:34:51 PM

Quant Time: Feb 28 00:09:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	156569	20.00	ng	-0.03
21) Naphthalene-d8	8.11	136	621357	20.00	ng	-0.03
38) Acenaphthene-d10	9.86	164	324285	20.00	ng	-0.03
63) Phenanthrene-d10	11.34	188	523813	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	386303	20.00	ng	-0.03
86) Perylene-d12	15.41	264	288747	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	729659	79.95	ng	-0.03
7) Phenol-d6	6.48	99	960573	81.80	ng	-0.01
23) Nitrobenzene-d5	7.39	82	852378	76.39	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	188635	80.43	ng	-0.02
44) 2-Fluorobiphenyl	9.18	172	1397300	78.06	ng	-0.03
78) Terphenyl-d14	12.93	244	1299337	79.03	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.35	88	196882	39.93	ng	87
3) Pyridine	3.07	79	485713	38.74	ng	88
4) n-Nitrosodimethylamine	3.02	42	255640	43.42	ng	87
6) Aniline	6.49	93	633420	39.55	ng	85
8) 2-Chlorophenol	6.60	128	402052	39.93	ng	86
9) Benzaldehyde	6.36	77	289724	34.44	ng	88
10) Phenol	6.49	94	595981	43.38	ng	93
11) bis(2-Chloroethyl)ether	6.56	93	424459	38.71	ng	91
12) 1,3-Dichlorobenzene	6.76	146	486466	41.25	ng	98
13) 1,4-Dichlorobenzene	6.83	146	472057	39.55	ng	99
14) 1,2-Dichlorobenzene	6.99	146	472595	41.41	ng	97
15) Benzyl Alcohol	6.97	79	308012	35.43	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	782436	41.07	ng	99
17) 2-Methylphenol	7.09	107	367024	42.49	ng	95
18) Hexachloroethane	7.33	117	166422	40.85	ng	# 86
19) n-Nitroso-di-n-propylamine	7.24	70	311984	41.74	ng	99
20) 3+4-Methylphenols	7.25	107	466480	45.17	ng	# 71
22) Acetophenone	7.24	105	588902	41.51	ng	# 96
24) Nitrobenzene	7.41	77	529490	46.21	ng	90
25) Isophorone	7.65	82	887007	42.66	ng	98
26) 2-Nitrophenol	7.72	139	222906	40.93	ng	91
27) 2,4-Dimethylphenol	7.77	122	337888	35.33	ng	100
28) bis(2-Chloroethoxy)methane	7.86	93	526274	38.22	ng	99
29) 2,4-Dichlorophenol	7.97	162	359658	40.32	ng	92
30) 1,2,4-Trichlorobenzene	8.05	180	381552	39.69	ng	99
31) Naphthalene	8.13	128	1231815	39.11	ng	98
32) Benzoic acid	7.92	122	219716	41.66	ng	88
33) 4-Chloroaniline	8.18	127	469863	38.04	ng	# 92
34) Hexachlorobutadiene	8.25	225	201678	38.13	ng	98
35) Caprolactam	8.57	113	110702	39.45	ng	# 36
36) 4-Chloro-3-methylphenol	8.68	107	378773	40.73	ng	88
37) 2-Methylnaphthalene	8.82	142	797730	39.44	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	384057	42.19	ng	99
40) Hexachlorocyclopentadiene	8.97	237	90876	22.13	ng	95

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
 Data File : BF093213.D
 Acq On : 27 Feb 2017 19:12
 Operator : SJ/MA
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Manual Integrations
 APPROVED

mohammad
 2/28/2017 2:34:51 PM

Quant Time: Feb 28 00:09:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	231217	38.66	nq	93
43) 2,4,5-Trichlorophenol	9.15	196	252549	38.54	nq	93
45) 1,1'-Biphenyl	9.29	154	979584	41.72	nq	99
46) 2-Chloronaphthalene	9.31	162	773311	42.10	nq	98
47) 2-Nitroaniline	9.41	65	268302	43.44	nq	99
48) Acenaphthylene	9.72	152	1138545	35.88	nq	99
49) Dimethylphthalate	9.60	163	876277	40.12	nq	99
50) 2,6-Dinitrotoluene	9.65	165	179985	38.16	nq	# 71
51) Acenaphthene	9.89	154	654882	34.52	nq	96
52) 3-Nitroaniline	9.82	138	199177	36.90	nq	94
53) 2,4-Dinitrophenol	9.94	184	102808	45.04	nq	# 61
54) Dibenzofuran	10.06	168	842346	33.19	nq	98
55) 4-Nitrophenol	10.01	139	129146	33.22	nq	88
56) 2,4-Dinitrotoluene	10.06	165	238834	38.03	nq	93
57) Fluorene	10.41	166	753376	38.59	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	167836	38.39	nq	99
59) Diethylphthalate	10.28	149	802092	38.97	nq	99
60) 4-Chlorophenyl-phenylether	10.40	204	346285	36.92	nq	98
61) 4-Nitroaniline	10.44	138	212750	38.48	nq	94
62) Azobenzene	10.56	77	888632	41.79	nq	93
64) 4,6-Dinitro-2-methylphenol	10.48	198	139793	44.08	nq	# 64
65) n-Nitrosodiphenylamine	10.52	169	656658	39.24	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	204050	37.29	nq	94
67) Hexachlorobenzene	10.96	284	202869	37.51	nq	# 78
68) Atrazine	11.06	200	240552	44.80	nq	97
69) Pentachlorophenol	11.16	266	89977	36.53	nq	97
70) Phenanthrene	11.37	178	1147589	38.24	nq	99
71) Anthracene	11.42	178	1187884	39.42	nq	99
72) Carbazole	11.58	167	1104588	38.34	nq	99
73) Di-n-butylphthalate	11.90	149	1267141	40.67	nq	98
74) Fluoranthene	12.56	202	1144595	36.98	nq	96
76) Benzidine	12.68	184	510249	31.00	nq	99
77) Pyrene	12.79	202	1180885	40.85	nq	100
79) Butylbenzylphthalate	13.40	149	493789	42.06	nq	97
80) Benzo(a)anthracene	13.97	228	917193	38.82	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	315826	37.50	nq	97
82) Chrysene	14.02	228	935582	42.29	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	685126	42.67	nq	97
84) Di-n-octyl phthalate	14.58	149	1073160	41.05	nq	99
85) Indeno(1,2,3-cd)pyrene	16.82	276	656770	38.33	nq	# 94
87) Benzo(b)fluoranthene	15.01	252	855783m	45.03	nq	
88) Benzo(k)fluoranthene	15.04	252	578493m	35.25	nq	
89) Benzo(a)pyrene	15.36	252	664186	40.40	nq	98
90) Dibenzo(a,h)anthracene	16.83	278	559344	42.10	nq	98
91) Benzo(g,h,i)perylene	17.24	276	573848	42.75	nq	# 94

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

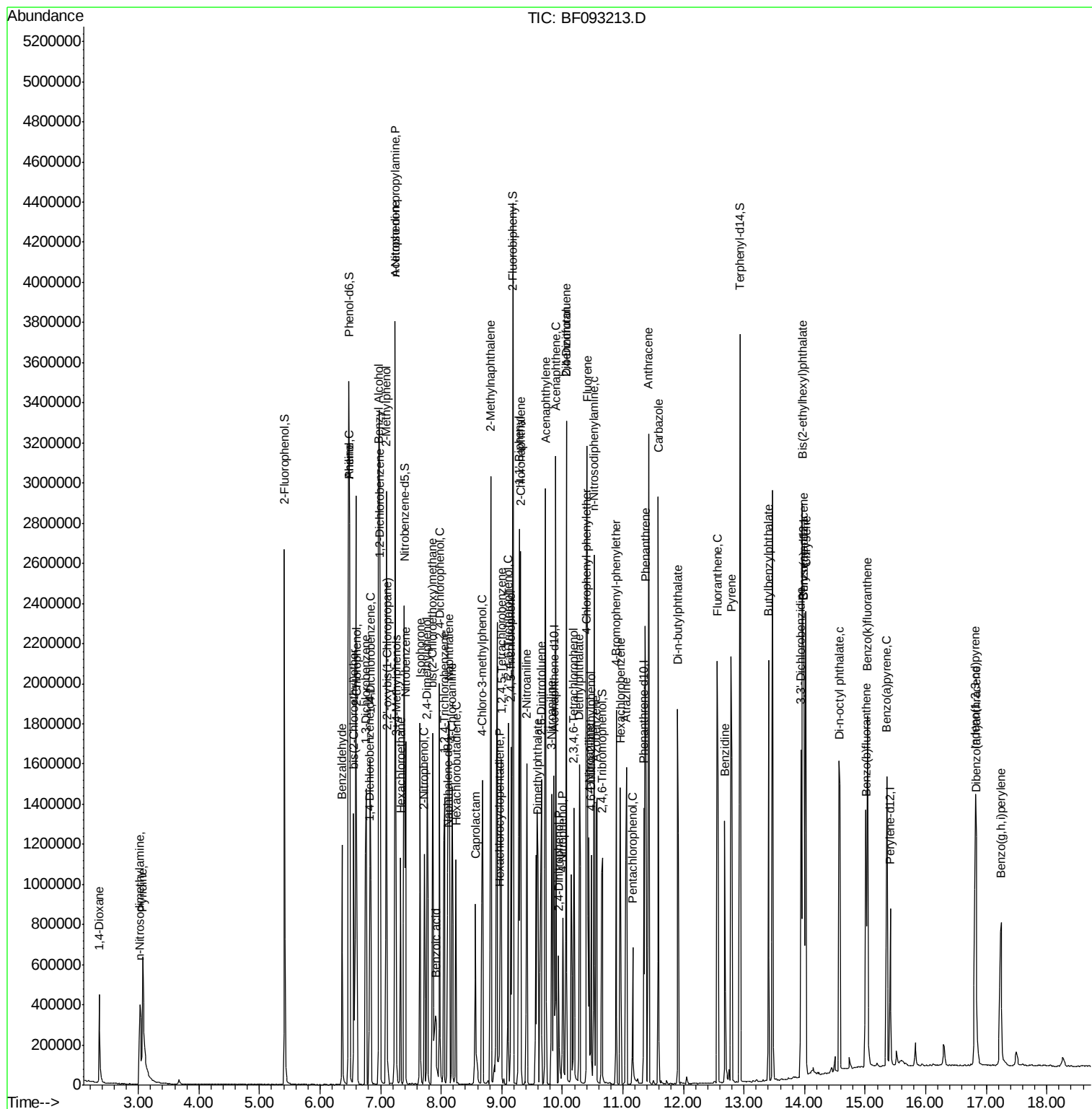
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093213.D
Acq On    : 27 Feb 2017   19:12
Operator  : SJ/MA
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2      Sample Multiplier: 1
```

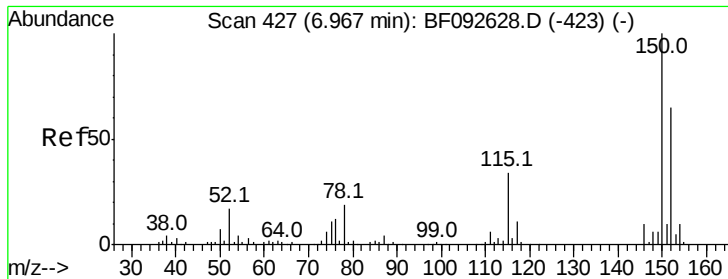
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

mohammad
2/28/2017 2:34:51 PM

Quant Time: Feb 28 00:09:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration





#1

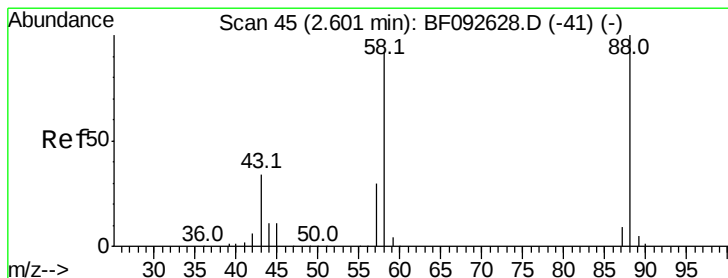
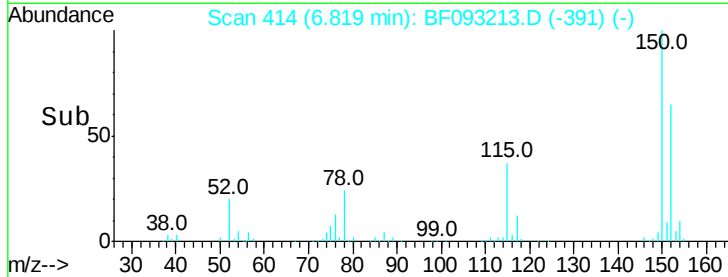
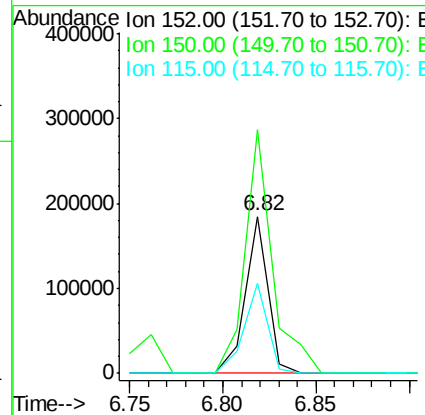
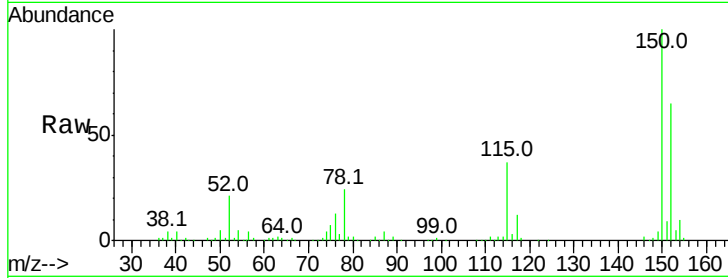
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.03 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.9	187.3
115	57.2	46.0	69.0

Manual Integrations
APPROVED

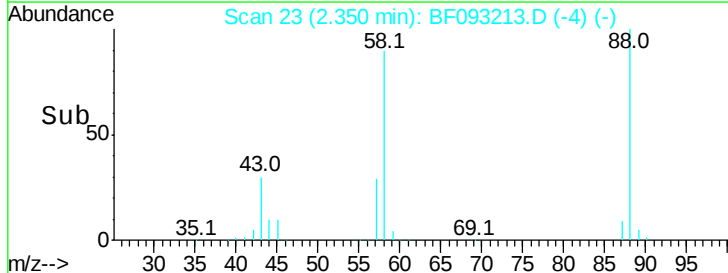
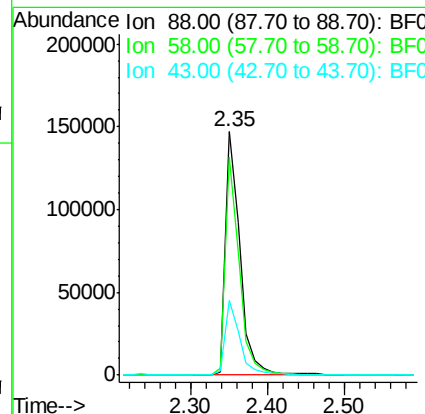
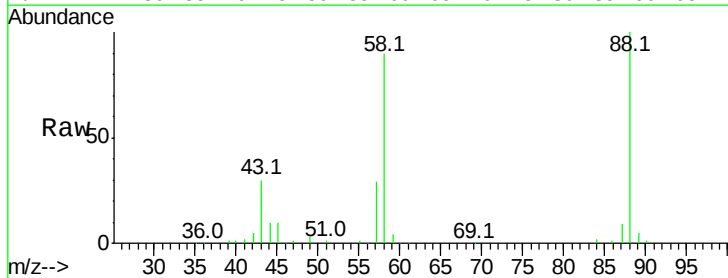
mohammad
2/28/2017 2:34:51 PM

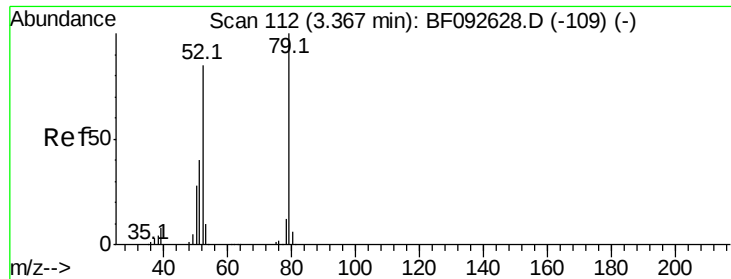


#2

1,4-Dioxane
Concen: 39.93 ng
RT: 2.35 min Scan# 23
Delta R.T. -0.08 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.7	57.8	86.8
43	29.9	22.3	33.5





#3

Pvridine

Concen: 38.74 ng

RT: 3.07 min Scan# 86

Delta R.T. -0.08 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Instrument :

BNA_F

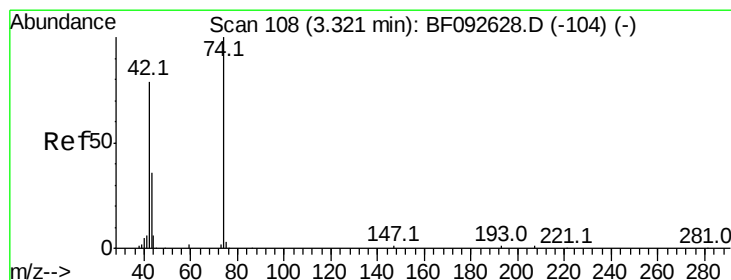
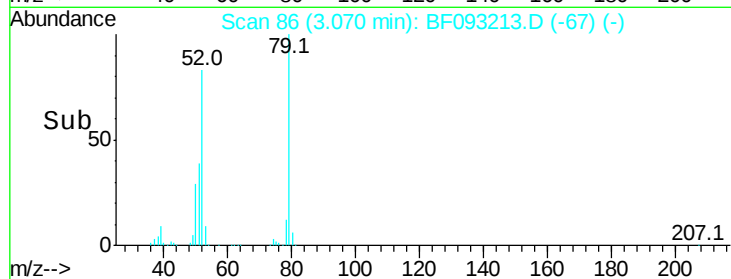
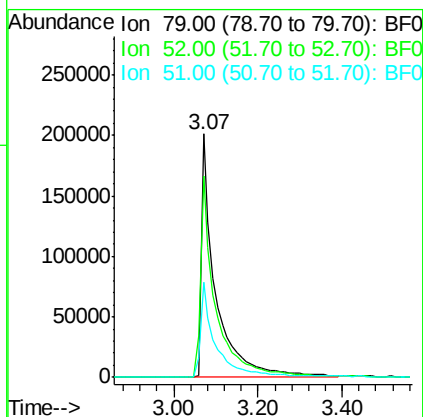
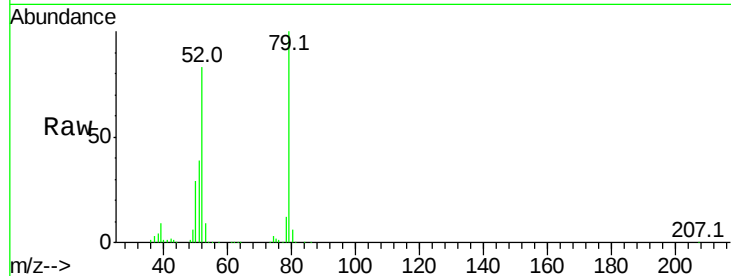
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	485713
Ion Ratio	Lower	Upper	
79	100		
52	82.8	57.1	85.7
51	38.9	27.3	40.9

Manual Integrations
APPROVED

mohammad
2/28/2017 2:34:51 PM



#4

n-Nitrosodimethylamine

Concen: 43.42 ng

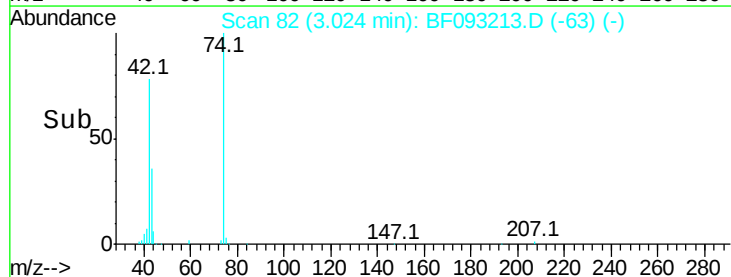
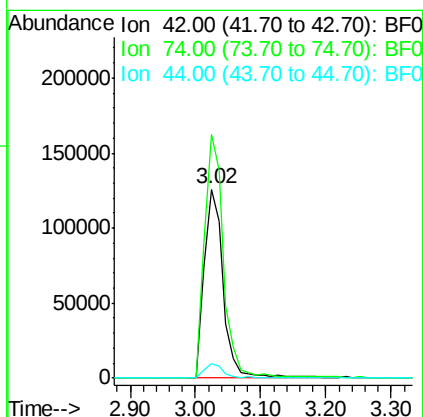
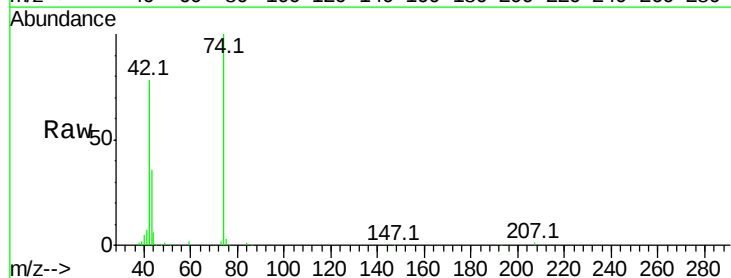
RT: 3.02 min Scan# 82

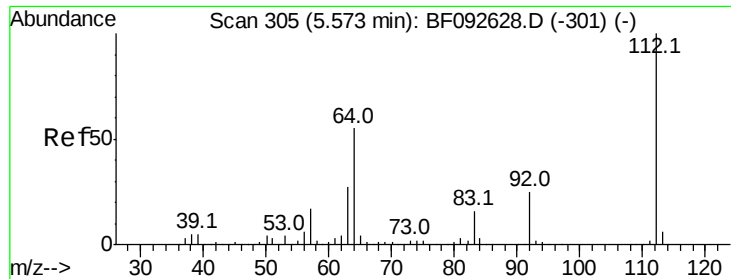
Delta R.T. -0.08 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Tgt Ion:	42	Resp:	255640
Ion Ratio	Lower	Upper	
42	100		
74	128.8	117.0	175.4
44	7.8	5.5	8.3





#5

2-Fluorophenol

Concen: 79.95 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.03 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Instrument :

BNA_F

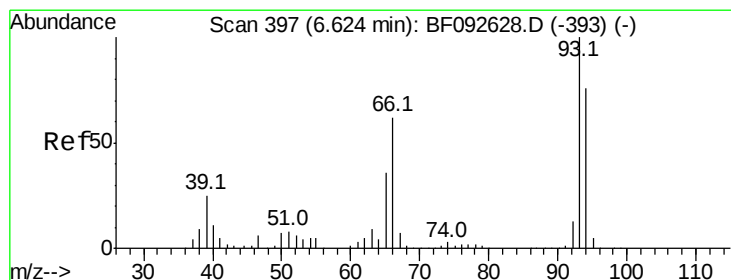
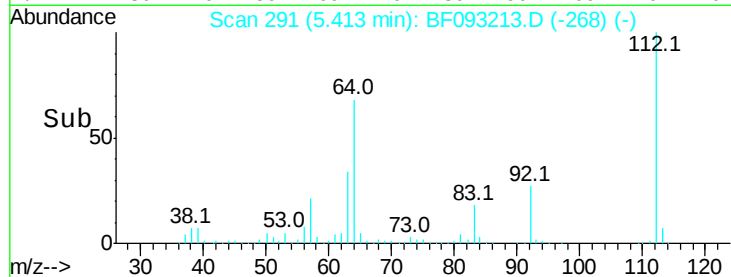
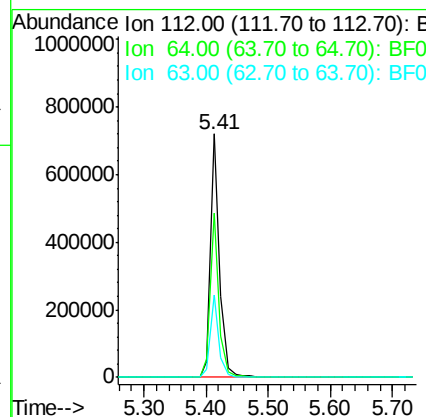
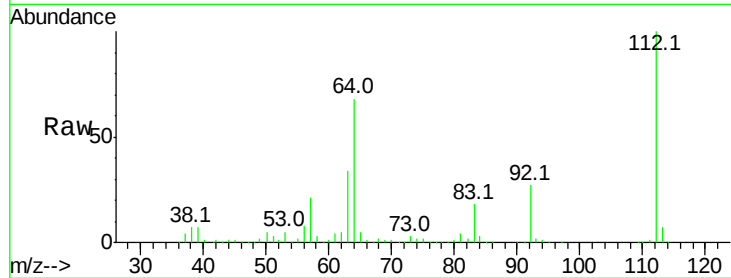
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	729659
Ion Ratio	Lower	Upper	
112	100		
64	67.6	46.1	69.1
63	33.8	23.8	35.6

Manual Integrations
APPROVED

mohammad
2/28/2017 2:34:51 PM



#6

Aniline

Concen: 39.55 ng

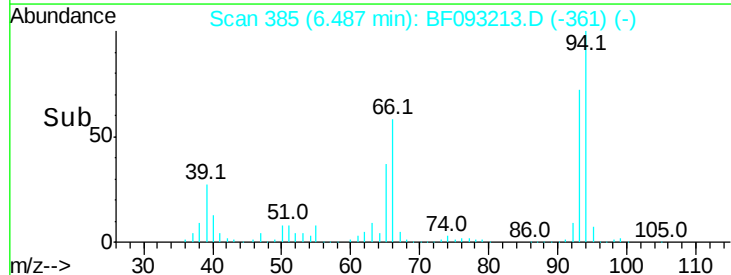
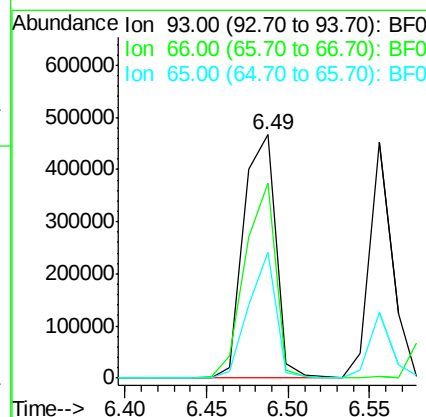
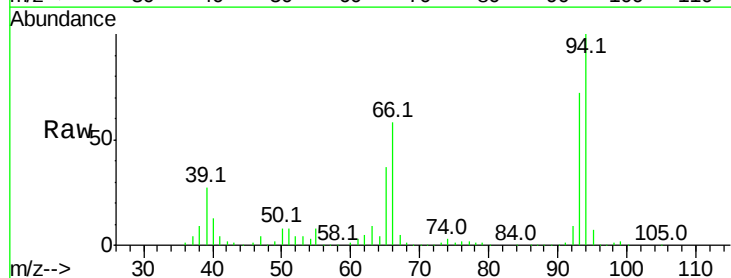
RT: 6.49 min Scan# 385

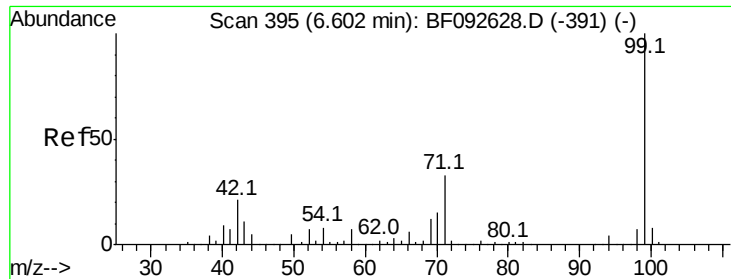
Delta R.T. -0.02 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Tgt Ion:	93	Resp:	633420
Ion Ratio	Lower	Upper	
93	100		
66	80.0	76.2	114.2
65	51.7	49.3	73.9





#7

Phenol-d6

Concen: 81.80 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Instrument :

BNA_F

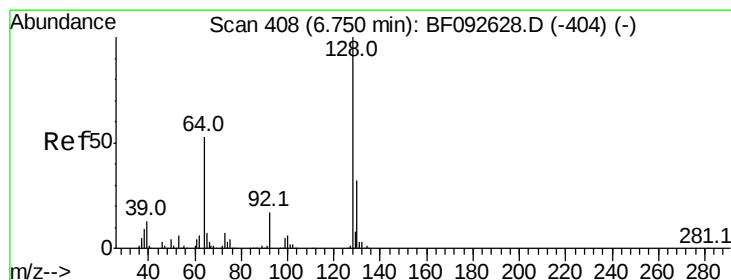
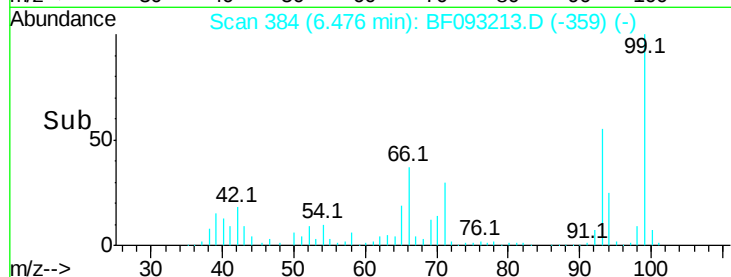
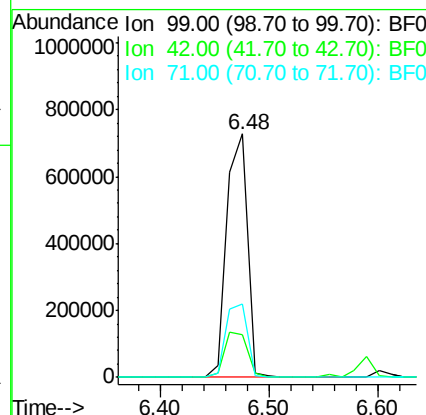
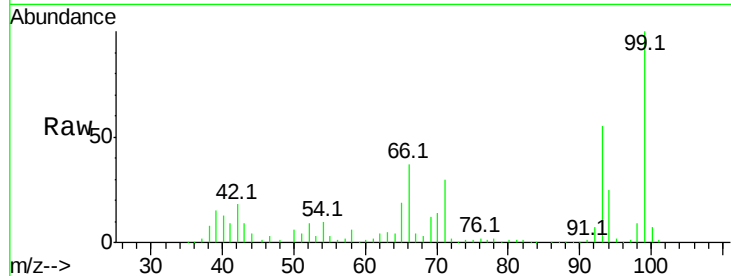
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		960573		
42	17.5	15.6	23.4		
71	30.0	27.5	41.3		

Manual Integrations
APPROVED

mohammad
2/28/2017 2:34:51 PM



#8

2-Chlorophenol

Concen: 39.93 ng

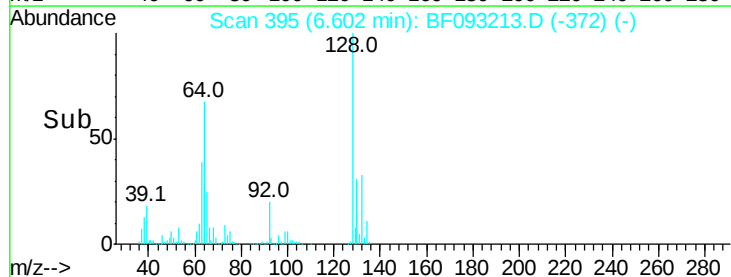
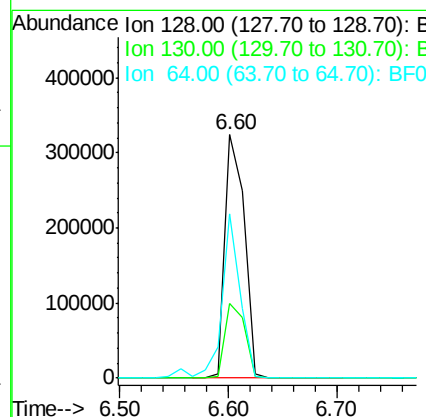
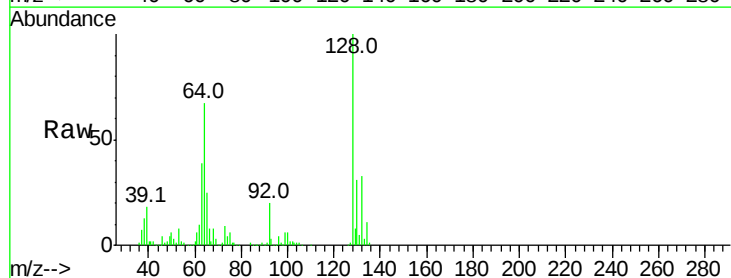
RT: 6.60 min Scan# 395

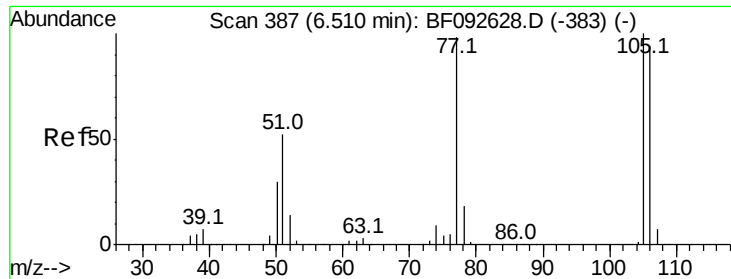
Delta R.T. -0.03 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		402052		
130	30.6	12.3	52.3		
64	67.4	32.2	72.2		





#9

Benzaldehyde

Concen: 34.44 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.03 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Instrument :

BNA_F

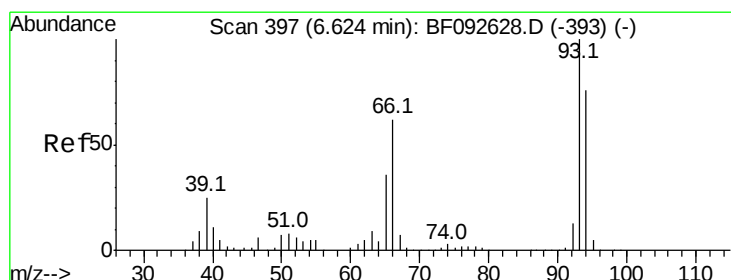
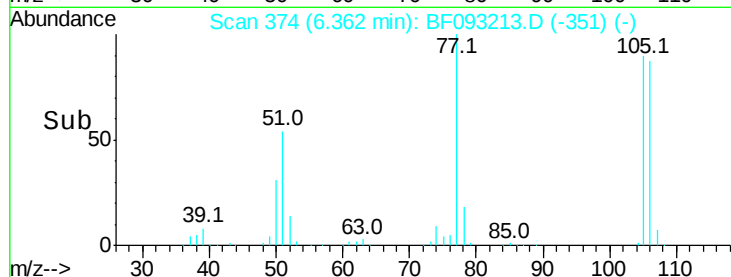
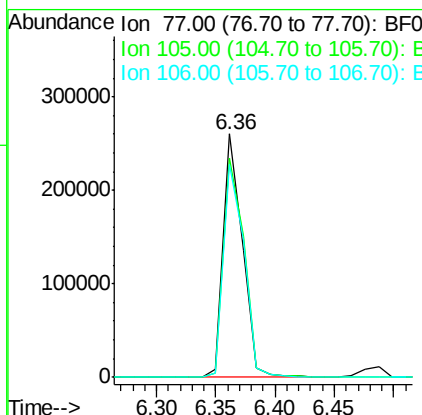
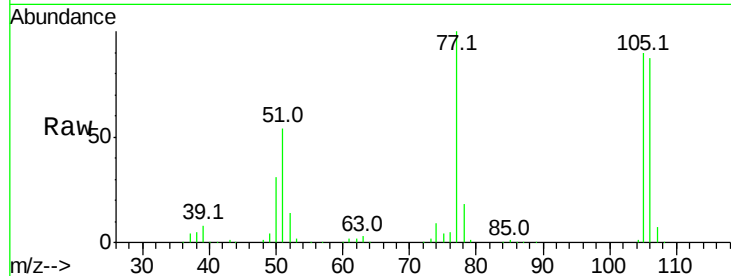
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	289724
Ion Ratio	Lower	Upper	
77	100		
105	90.2	83.9	123.9
106	87.4	77.6	117.6

Manual Integrations
APPROVED

mohammad
2/28/2017 2:34:51 PM



#10

Phenol

Concen: 43.38 ng

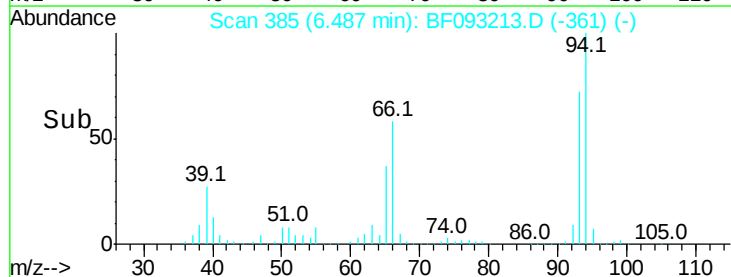
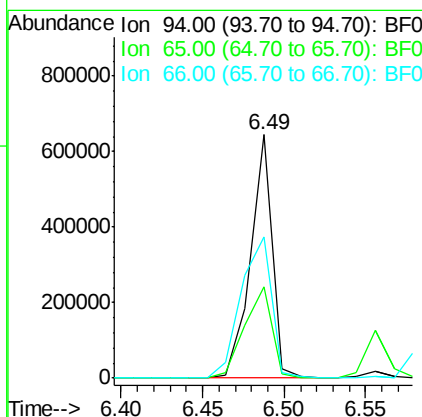
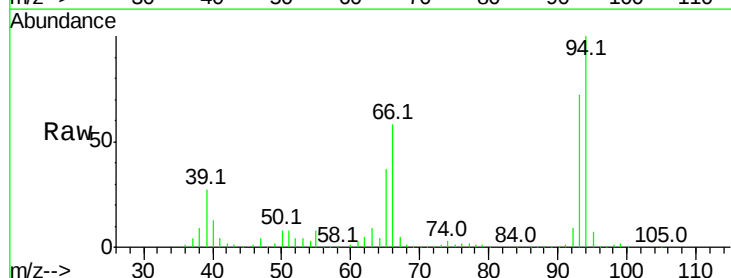
RT: 6.49 min Scan# 385

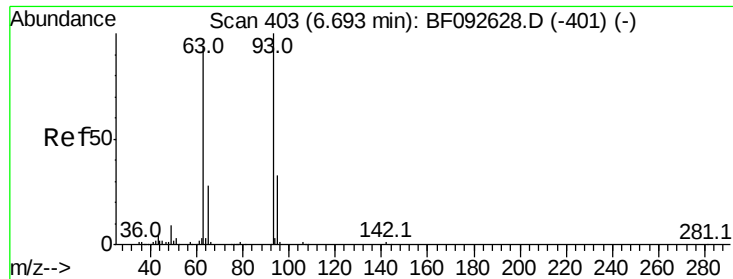
Delta R.T. -0.02 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Tgt Ion:	94	Resp:	595981
Ion Ratio	Lower	Upper	
94	100		
65	37.4	21.4	61.4
66	57.9	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 38.71 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.03 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Instrument :

BNA_F

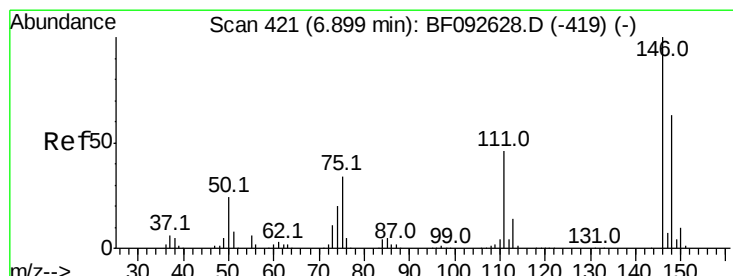
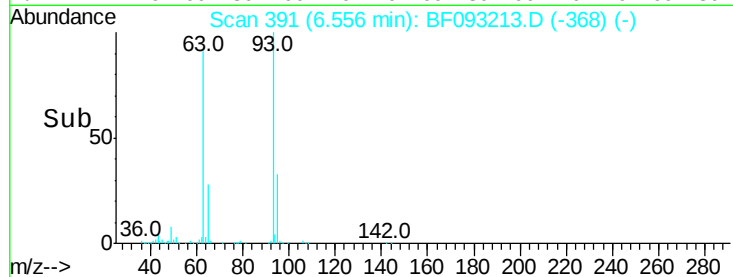
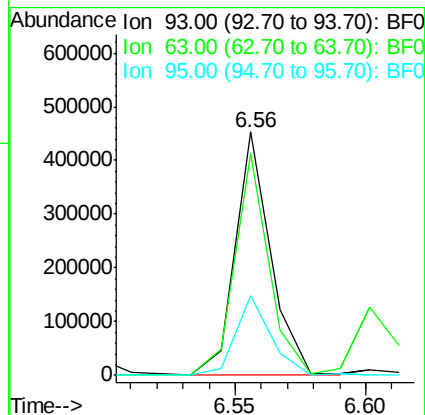
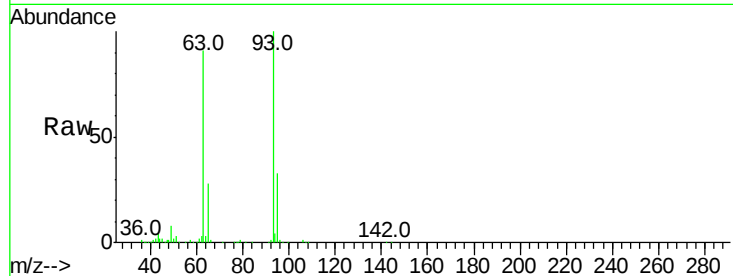
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	91.2	60.4	100.4
95	32.8	12.8	52.8

Manual Integrations
APPROVED

mohammad
2/28/2017 2:34:51 PM



#12

1,3-Dichlorobenzene

Concen: 41.25 ng

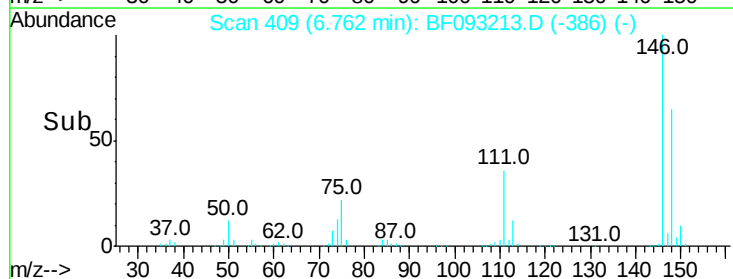
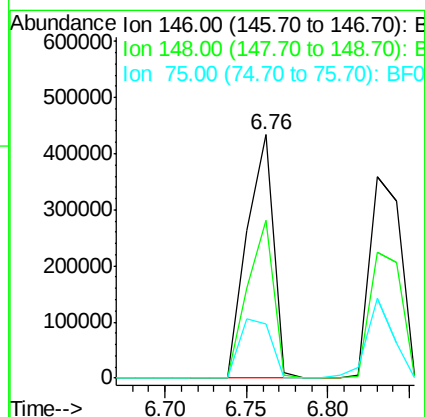
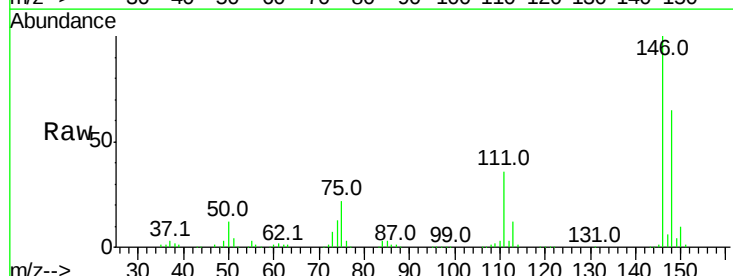
RT: 6.76 min Scan# 409

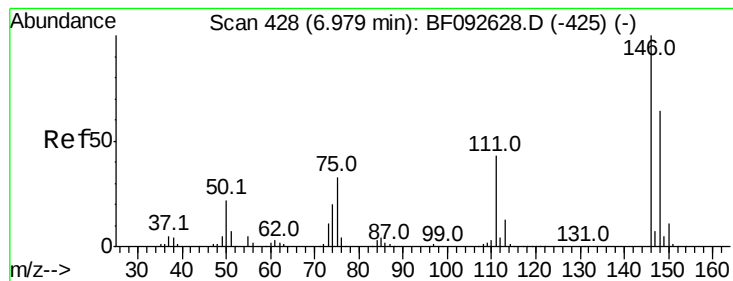
Delta R.T. -0.03 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	53.4	80.0
75	22.4	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 39.55 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.05 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Instrument :

BNA_F

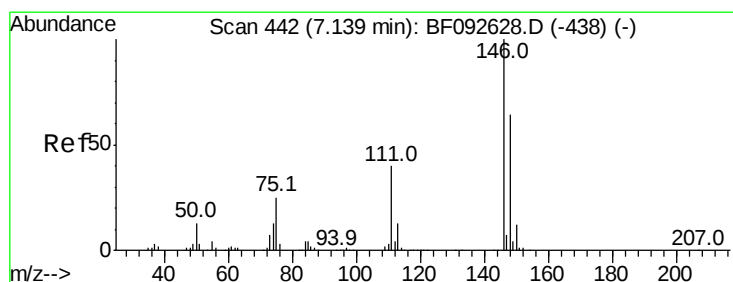
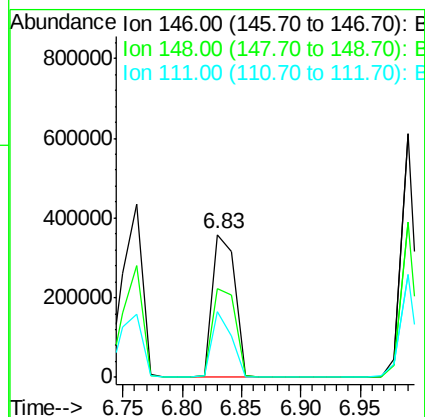
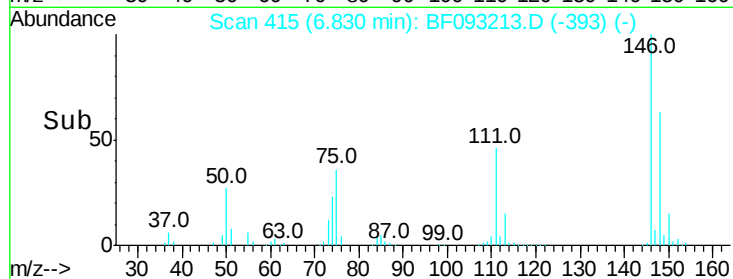
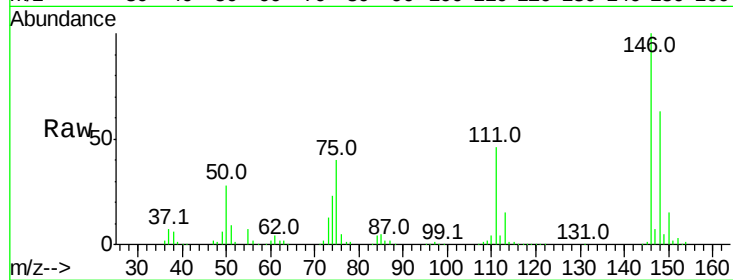
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	472057
Ion Ratio	Lower	Upper	
146	100		
148	62.6	50.6	76.0
111	46.3	36.2	54.4

Manual Integrations
APPROVED

mohammad
2/28/2017 2:34:51 PM



#14

1,2-Dichlorobenzene

Concen: 41.41 ng

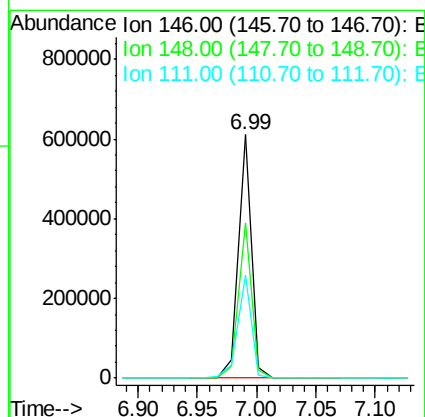
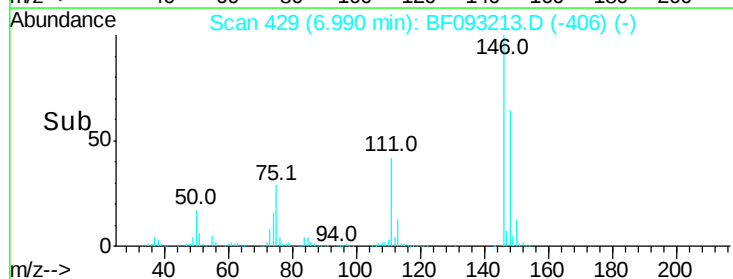
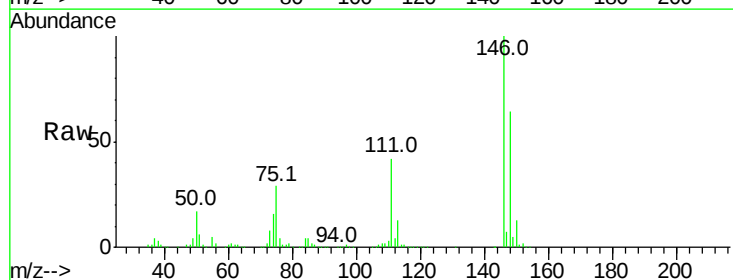
RT: 6.99 min Scan# 429

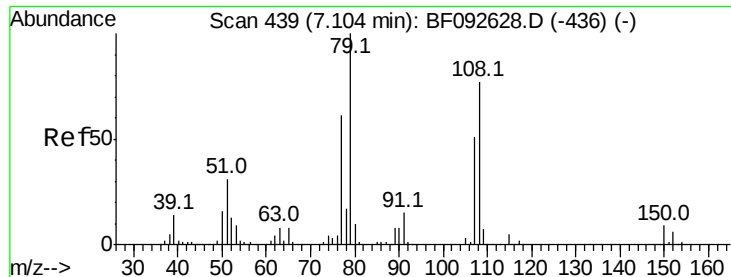
Delta R.T. -0.03 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Tgt Ion:	146	Resp:	472595
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.2	78.2
111	42.3	36.2	54.2





#15

Benzyl Alcohol

Concen: 35.43 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.03 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Instrument :

BNA_F

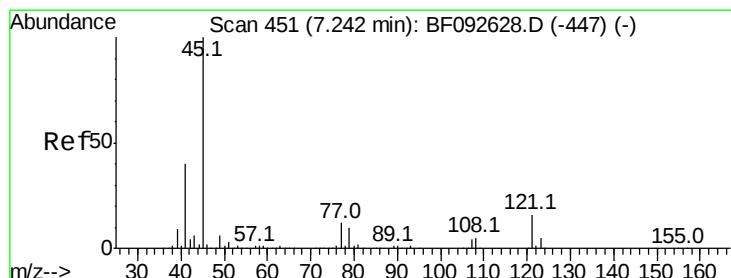
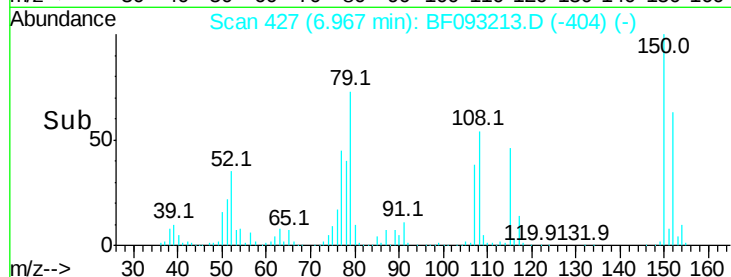
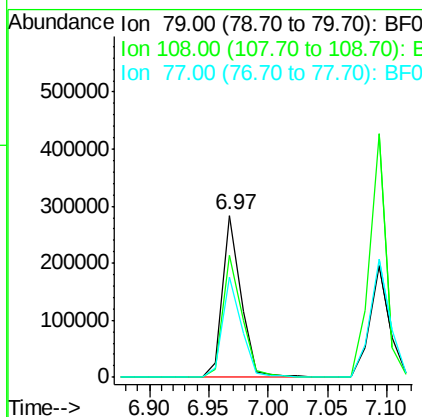
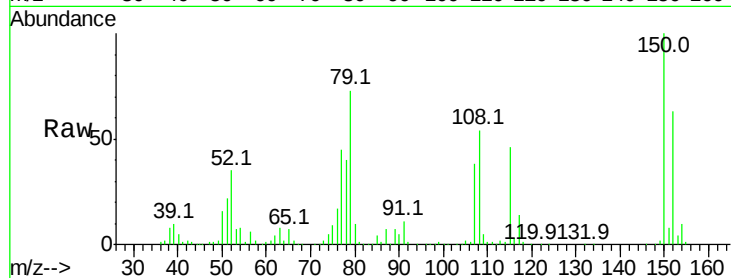
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	308012
Ion Ratio	Lower	Upper	
79	100		
108	75.0	61.4	92.0
77	61.5	50.9	76.3

Manual Integrations
APPROVED

mohammad
2/28/2017 2:34:51 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.07 ng

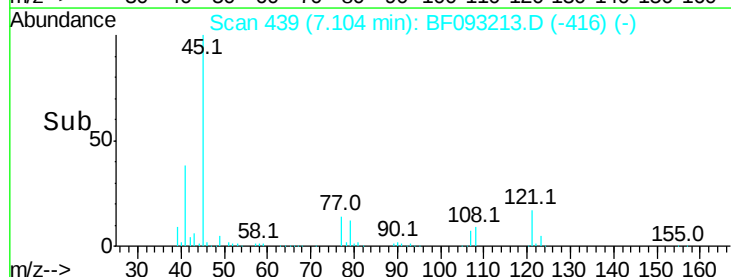
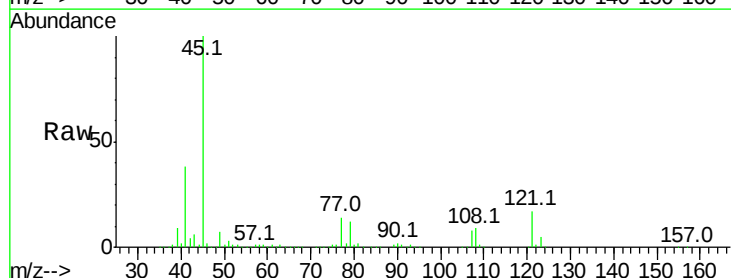
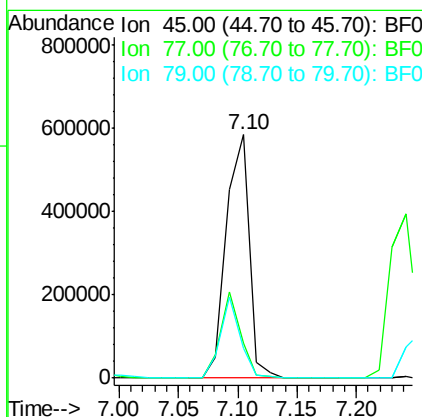
RT: 7.10 min Scan# 439

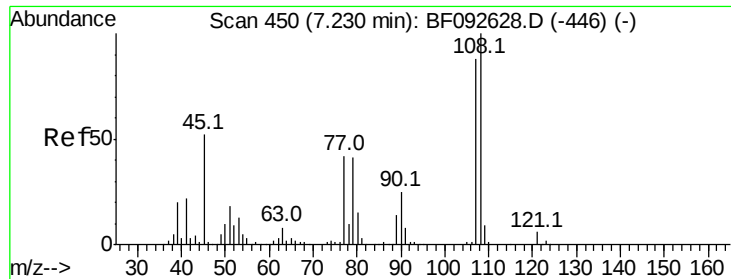
Delta R.T. -0.03 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Tgt Ion:	45	Resp:	782436
Ion Ratio	Lower	Upper	
45	100		
77	14.3	0.0	34.6
79	12.0	0.0	31.2





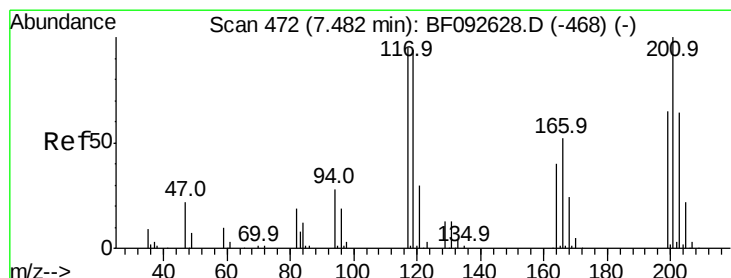
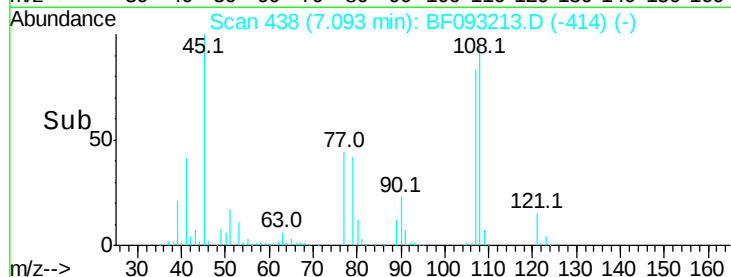
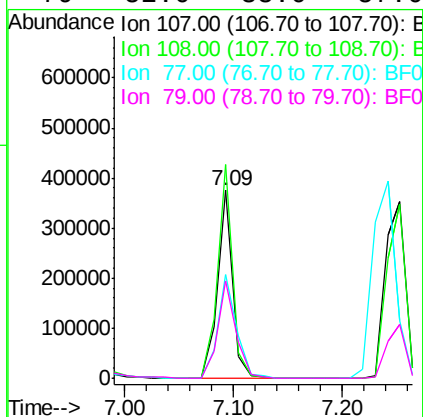
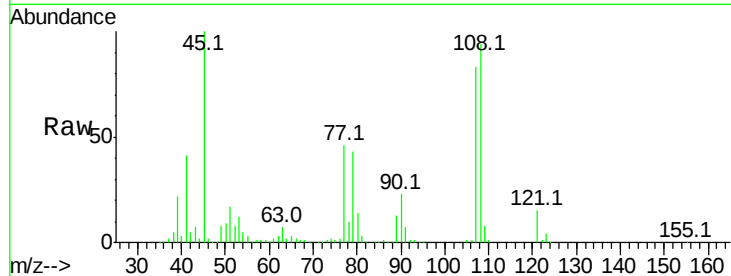
#17
2-Methylphenol
Concen: 42.49 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.02 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	93.0	139.6
77	55.1	39.8	59.8
79	52.0	38.0	57.0

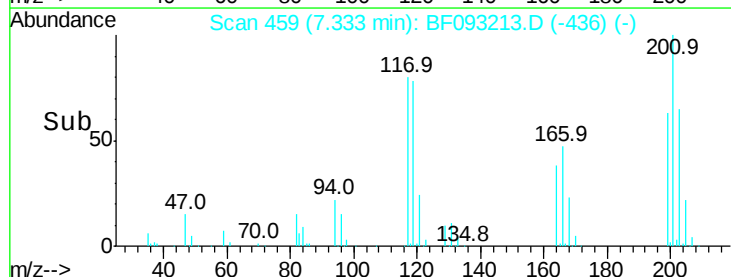
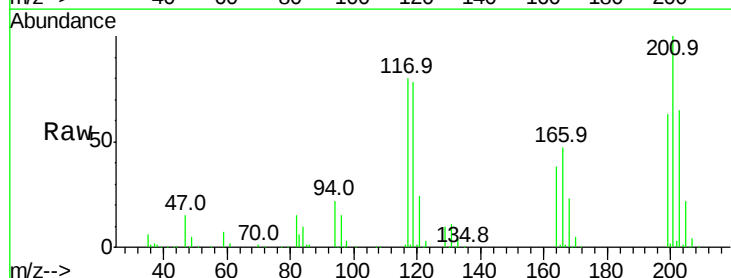
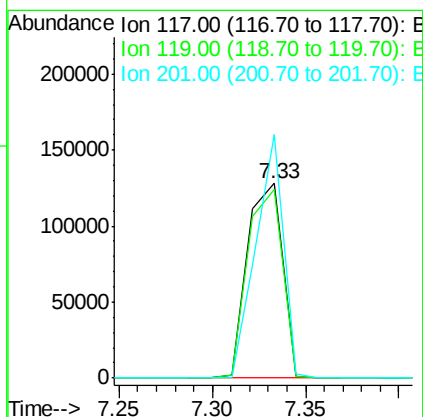
Manual Integrations
APPROVED

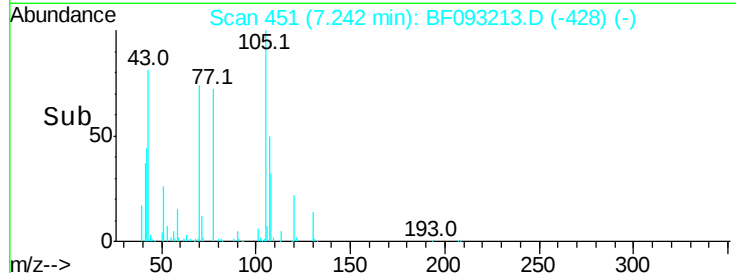
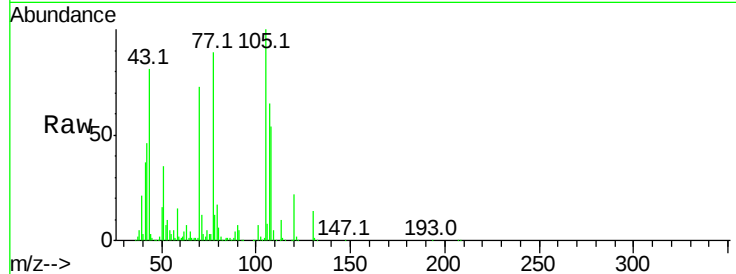
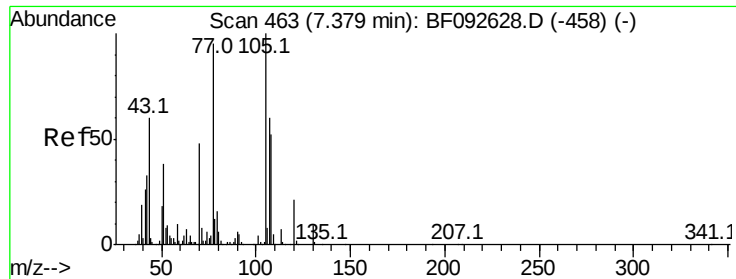
mohammad
2/28/2017 2:34:51 PM



#18
Hexachloroethane
Concen: 40.85 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.03 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	78.1	117.1
201	125.0	78.6	117.8#





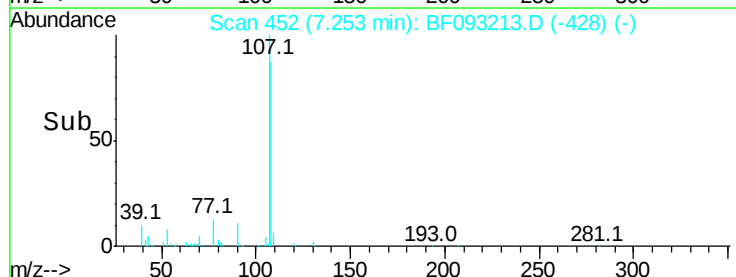
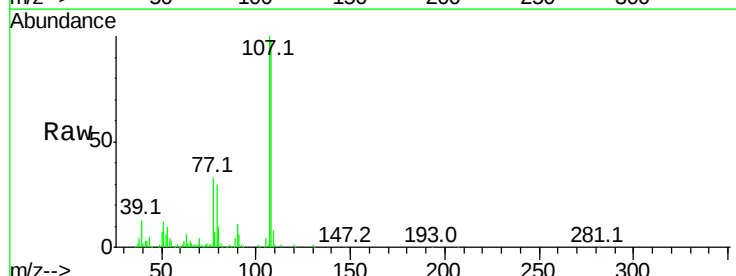
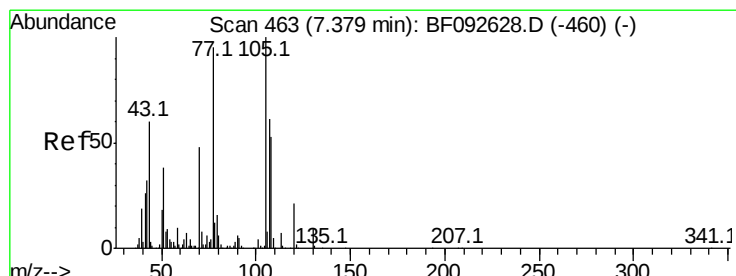
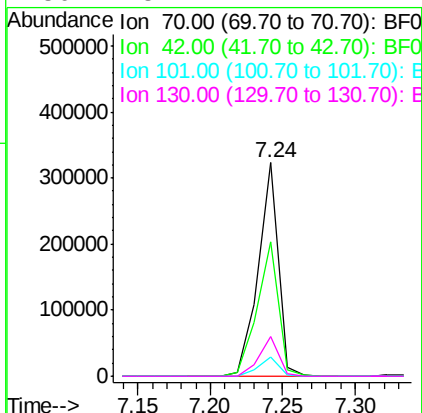
#19
n-Nitroso-di-n-propylamine
Concen: 41.74 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.03 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.9	49.4	74.0
101	9.0	7.4	11.2
130	18.4	14.2	21.4

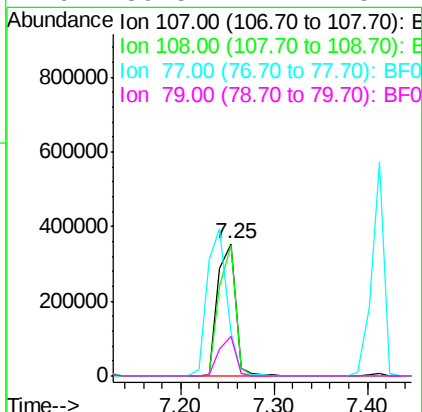
Manual Integrations
APPROVED

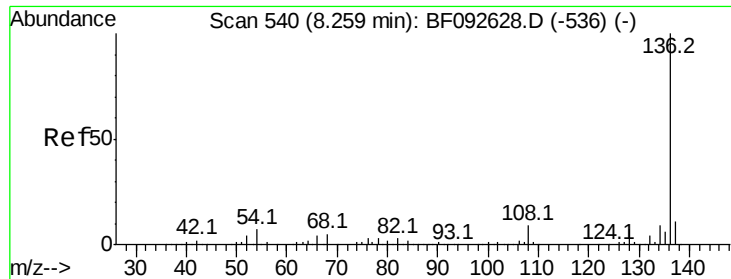
mohammad
2/28/2017 2:34:51 PM



#20
3+4-Methylphenols
Concen: 45.17 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	98.4	73.0	113.0
77	32.7	71.3	111.3#
79	30.5	11.1	51.1





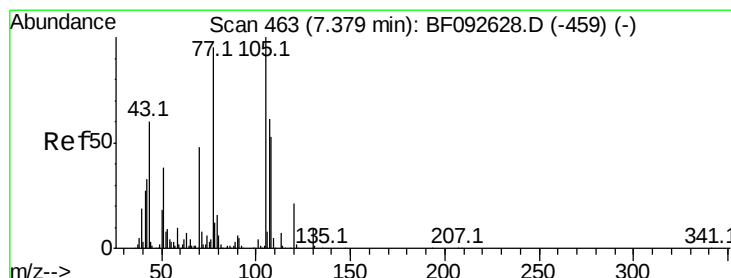
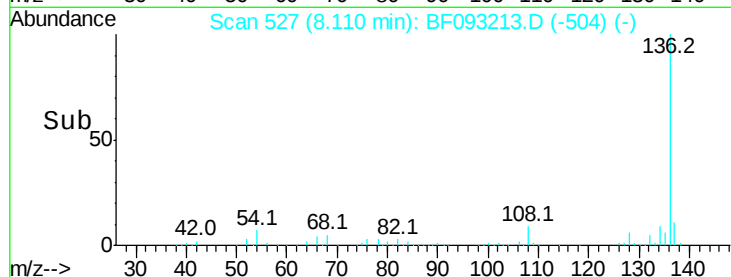
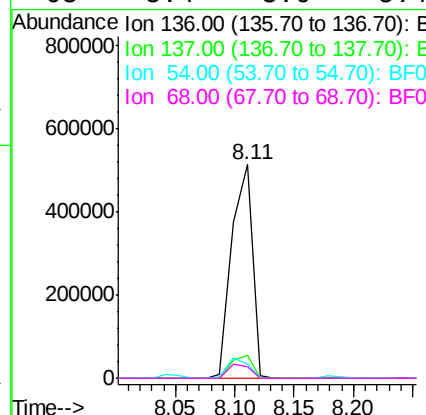
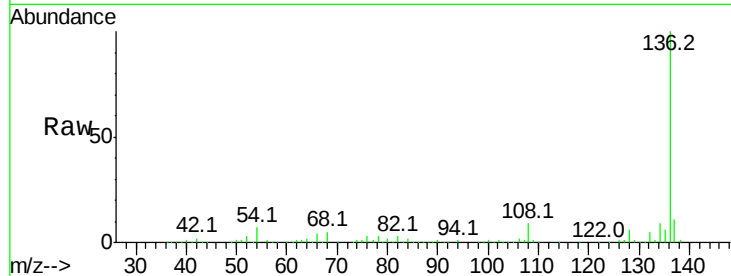
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	8.4	12.6
54	6.9	4.5	6.7
68	5.4	3.6	5.4

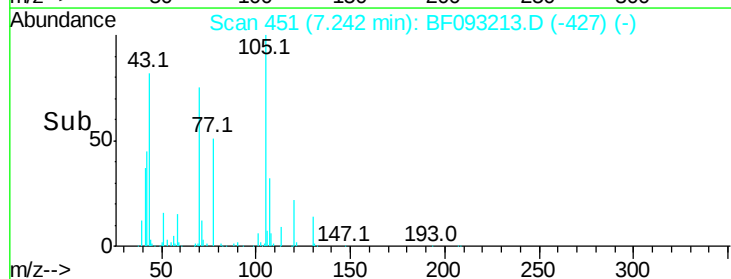
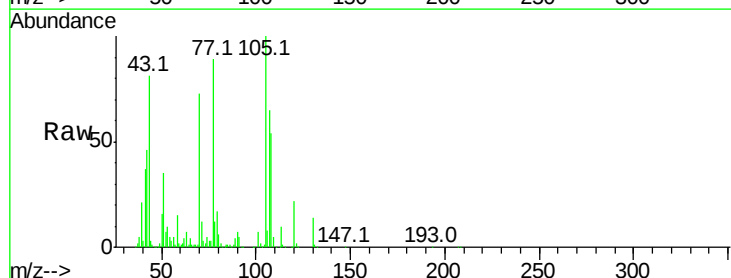
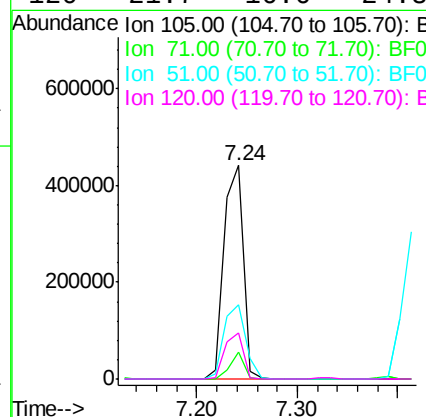
Manual Integrations
APPROVED

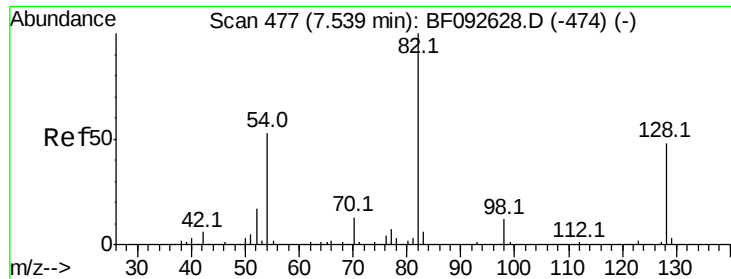
mohammad
2/28/2017 2:34:51 PM



#22
Acetophenone
Concen: 41.51 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	12.4	3.2	4.8
51	34.5	26.2	39.4
120	21.7	16.6	24.8





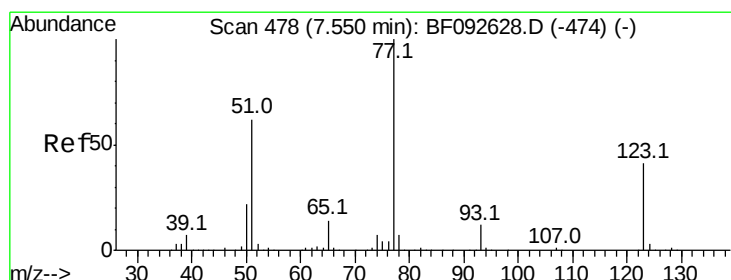
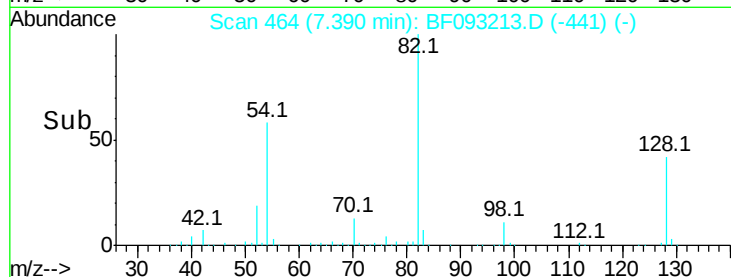
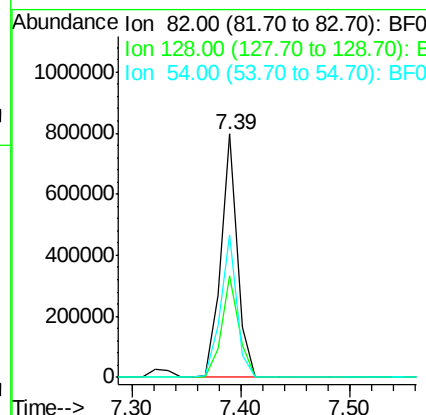
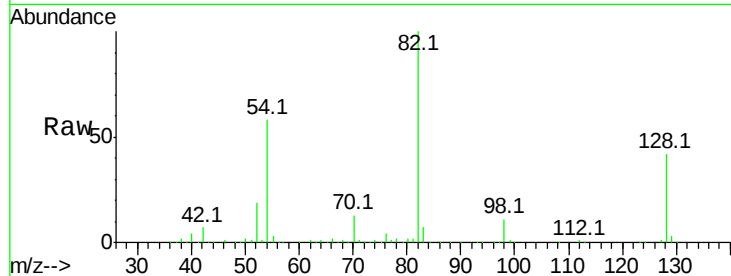
#23
Nitrobenzene-d5
Concen: 76.39 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.03 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	52.0
54	58.3	39.5	59.3

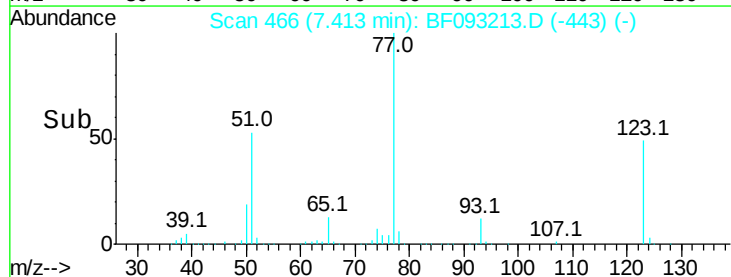
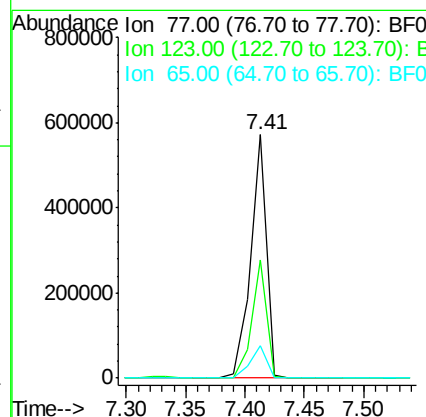
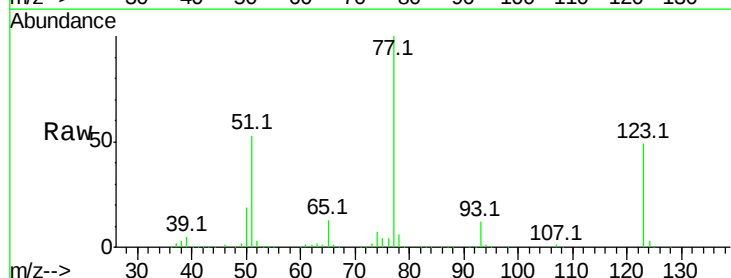
Manual Integrations
APPROVED

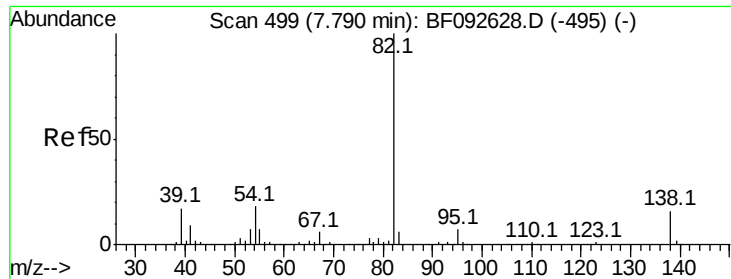
mohammad
2/28/2017 2:34:51 PM



#24
Nitrobenzene
Concen: 46.21 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	33.0	49.4
65	13.2	11.2	16.8





#25

Isophorone

Concen: 42.66 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.03 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Instrument :

BNA_F

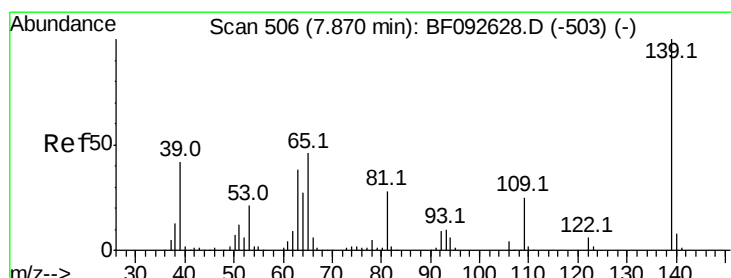
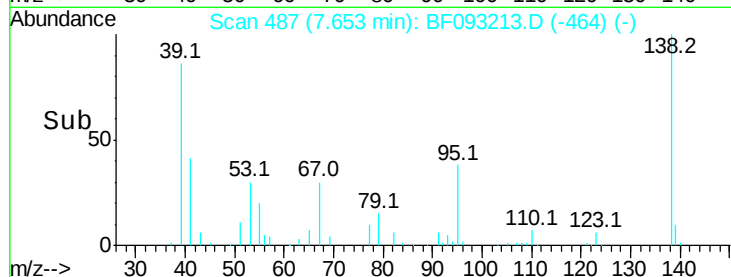
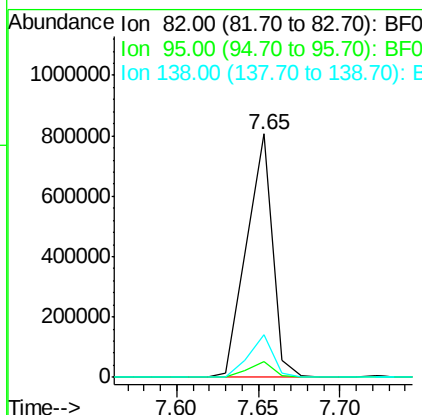
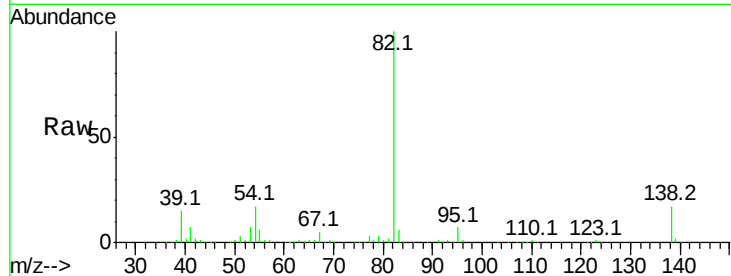
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	887007
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.6	8.4
138	17.4	14.6	22.0

Manual Integrations
APPROVED

mohammad
2/28/2017 2:34:51 PM



#26

2-Nitrophenol

Concen: 40.93 ng

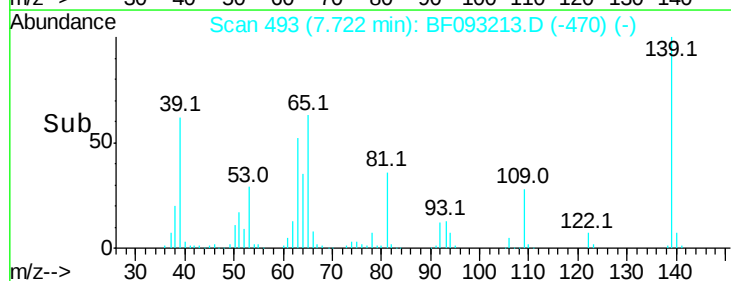
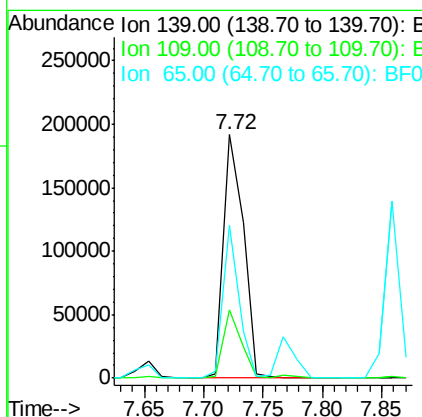
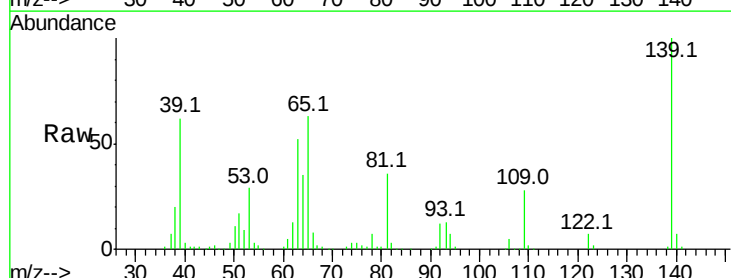
RT: 7.72 min Scan# 493

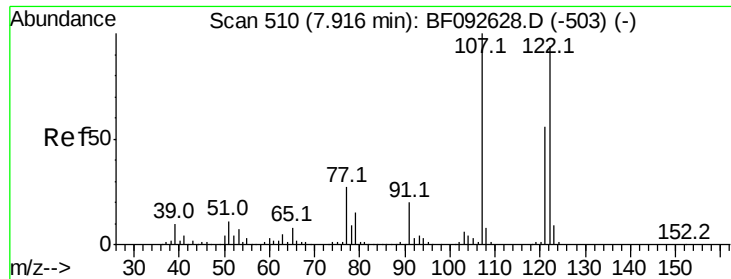
Delta R.T. -0.03 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Tgt Ion:	139	Resp:	222906
Ion Ratio	Lower	Upper	
139	100		
109	27.9	23.3	34.9
65	62.8	42.7	64.1





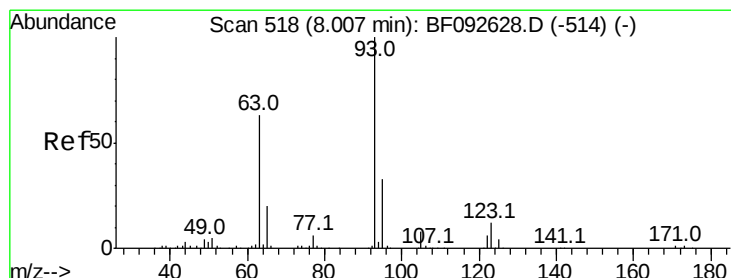
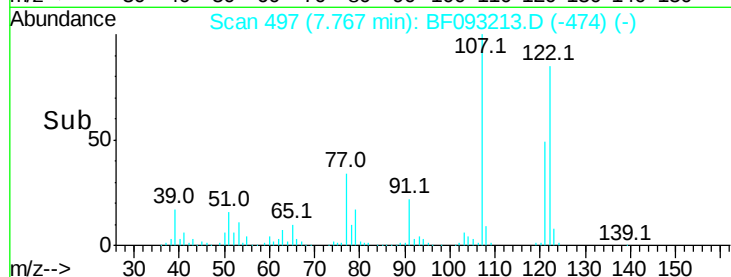
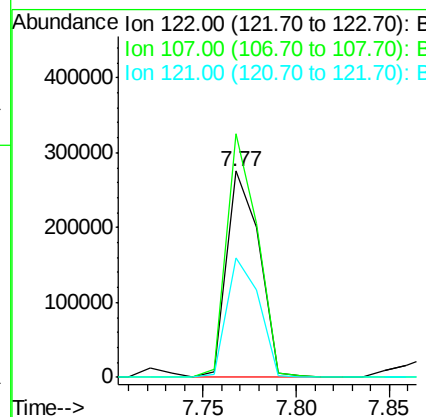
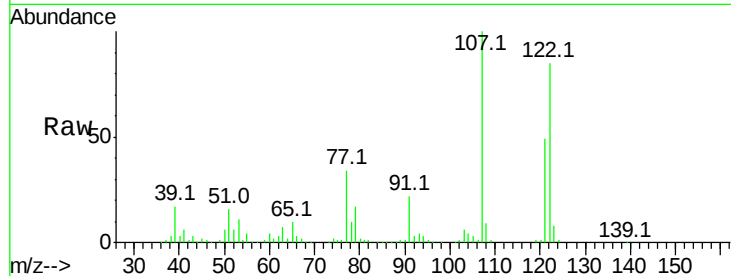
#27
2,4-Dimethylphenol
Concen: 35.33 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.03 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	337888		
107	118.1		94.1	141.1
121	57.9		46.0	69.0

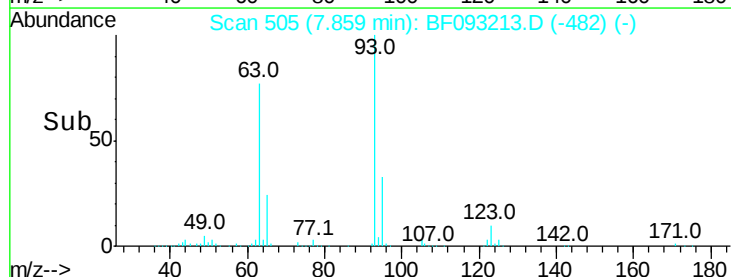
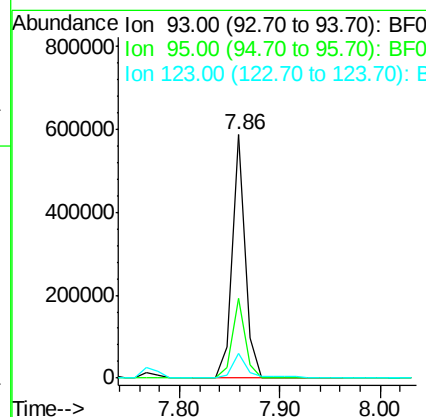
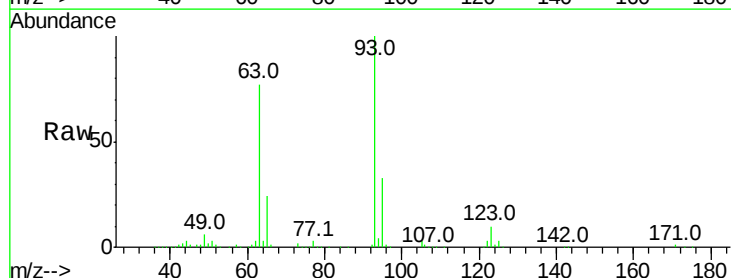
Manual Integrations
APPROVED

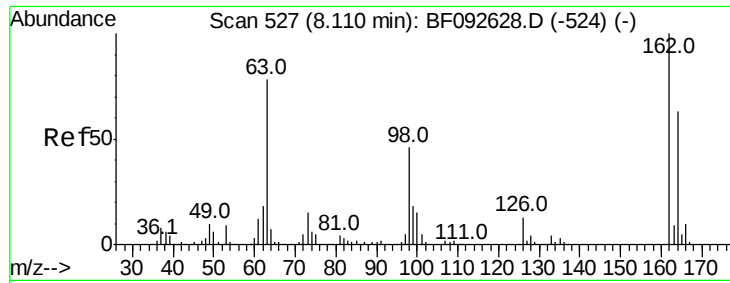
mohammad
2/28/2017 2:34:51 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.22 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.03 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	526274		
95	32.6		26.5	39.7
123	9.9		8.6	13.0





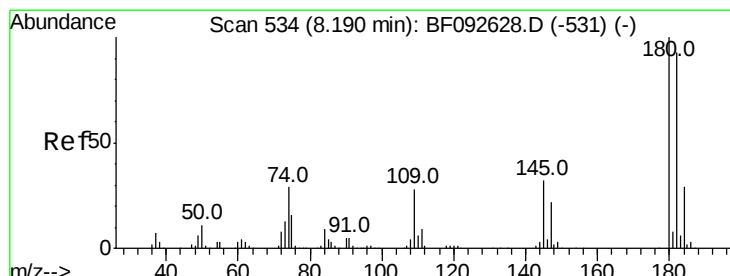
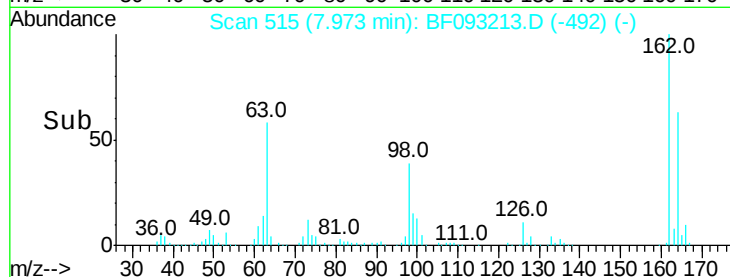
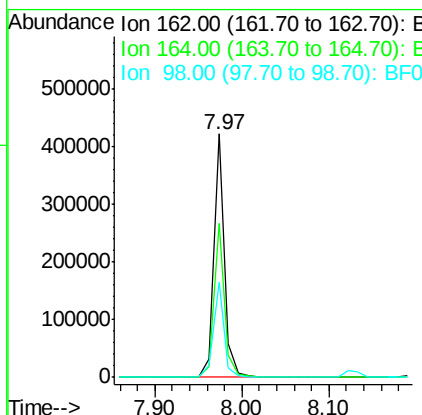
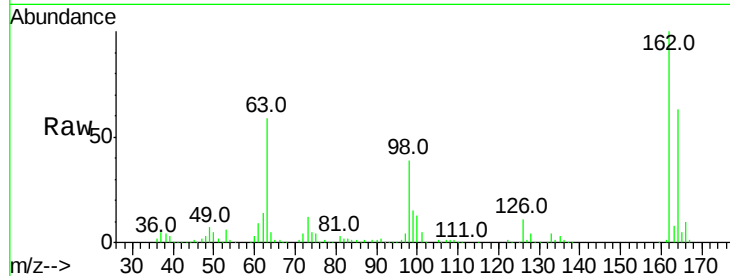
#29
 2,4-Dichlorophenol
 Concen: 40.32 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.03 min
 Lab File: BF093213.D
 Acq: 27 Feb 2017 19:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	359658		
164	63.5	46.8	86.8	
98	38.8	9.1	49.1	

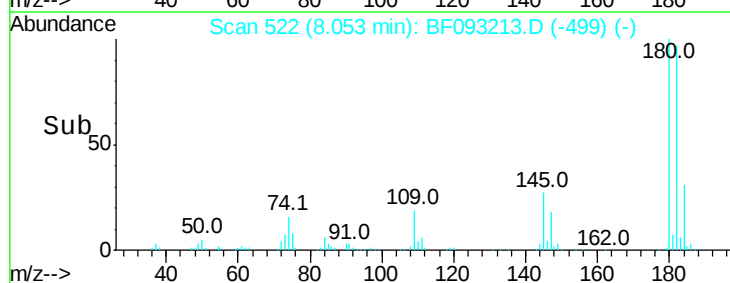
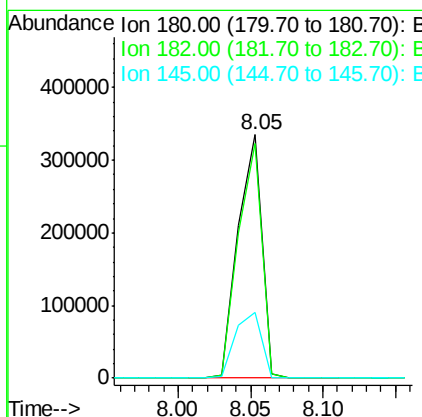
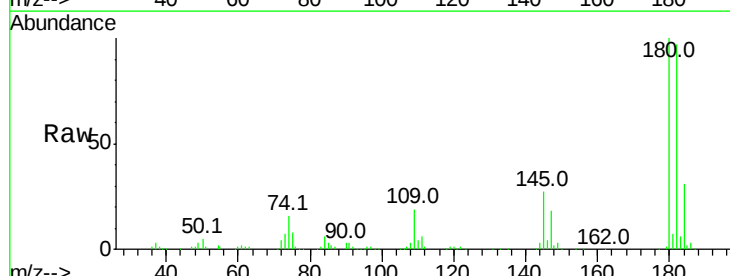
Manual Integrations
 APPROVED

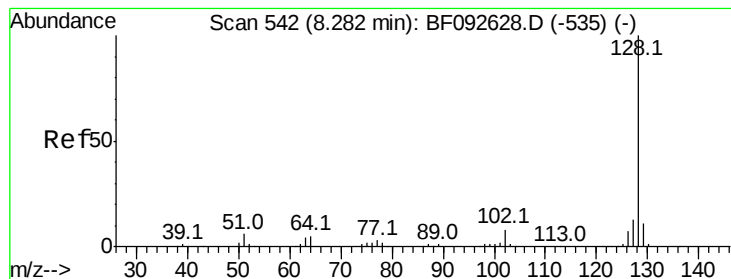
mohammad
 2/28/2017 2:34:51 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.69 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.03 min
 Lab File: BF093213.D
 Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	381552		
182	96.5	78.2	117.4	
145	26.8	21.6	32.4	





#31

Naphthalene

Concen: 39.11 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Instrument :

BNA_F

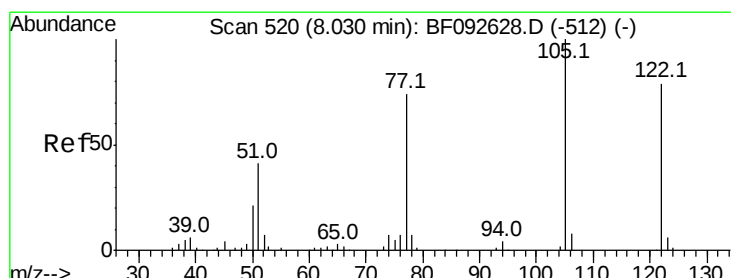
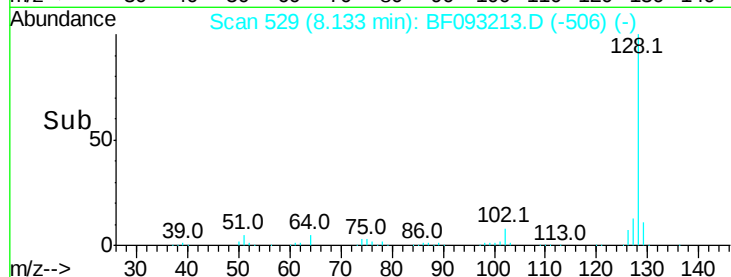
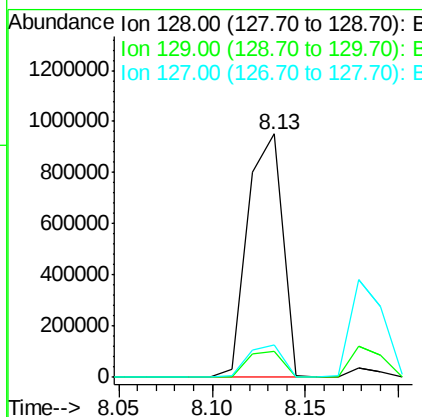
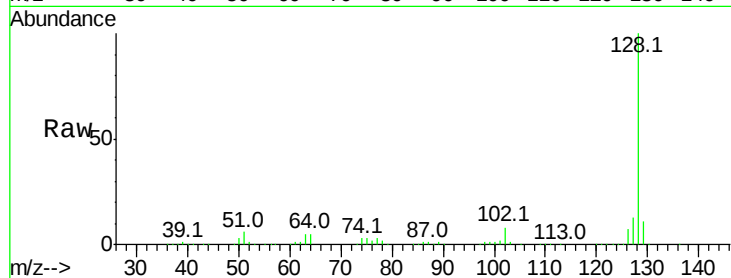
ClientSampleId :

SSTDCCC040

Tot Ion:	128	Resp:	1231815
Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.5	14.3
127	13.4	10.8	16.2

Manual Integrations
APPROVED

mohammad
2/28/2017 2:34:51 PM



#32

Benzoic acid

Concen: 41.66 ng

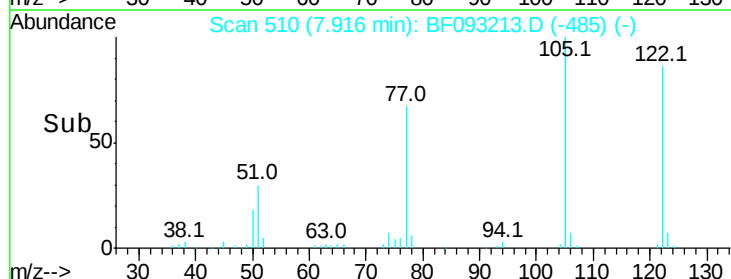
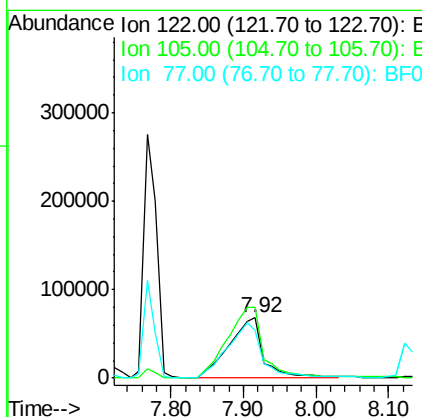
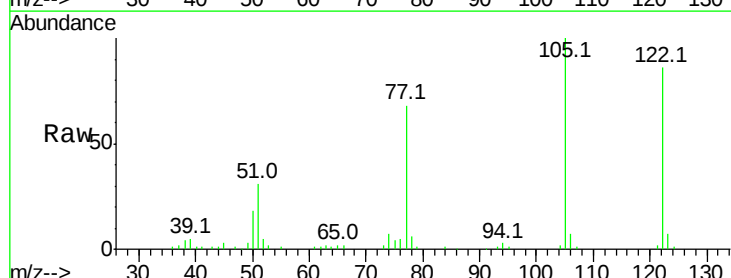
RT: 7.92 min Scan# 510

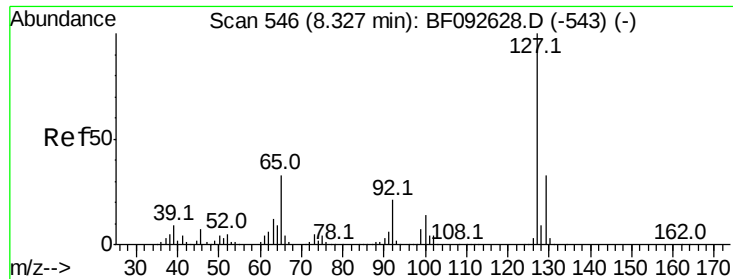
Delta R.T. -0.01 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Tgt Ion:	122	Resp:	219716
Ion	Ratio	Lower	Upper
122	100		
105	116.9	107.2	147.2
77	79.6	74.5	114.5





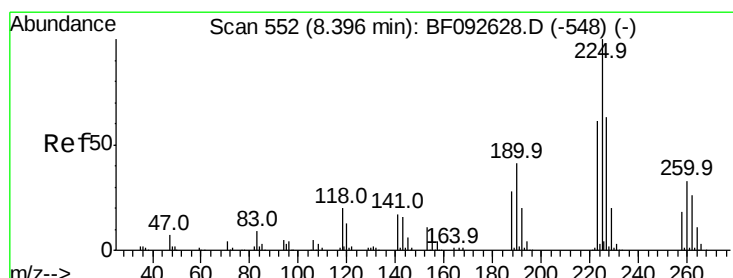
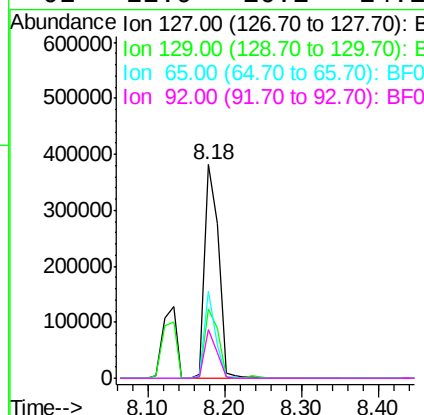
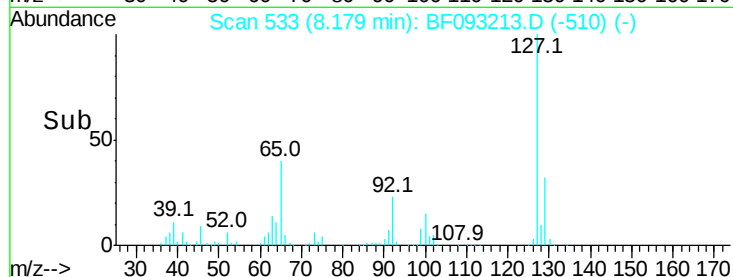
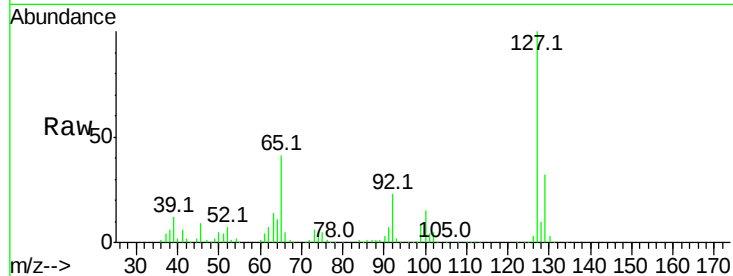
#33
4-Chloroaniline
Concen: 38.04 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.3	39.5		
65	40.5	25.8	38.8		
92	22.9	16.1	24.1		

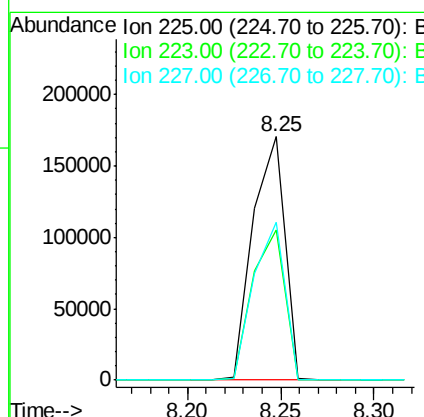
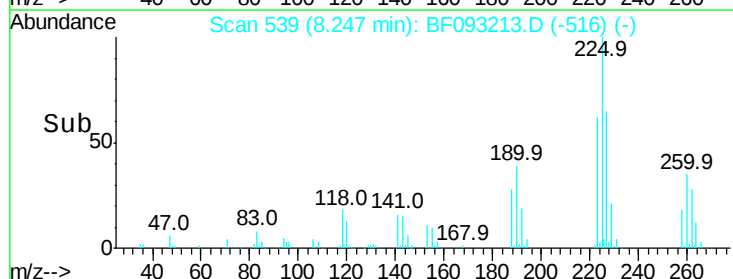
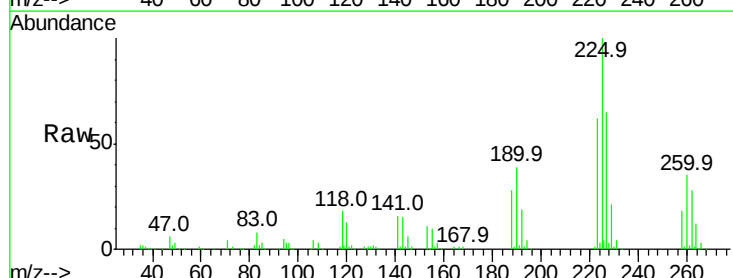
Manual Integrations
APPROVED

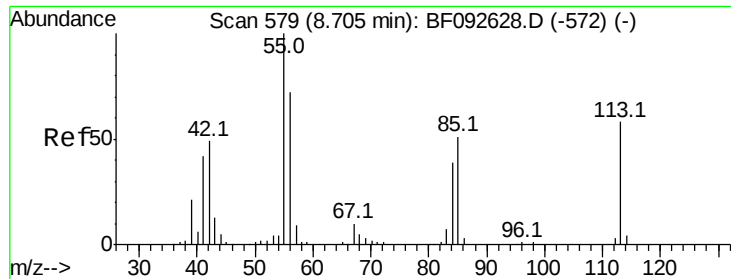
mohammad
2/28/2017 2:34:51 PM



#34
Hexachlorobutadiene
Concen: 38.13 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.03 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7	51.0	76.6		
227	64.9	50.6	76.0		





#35

Caprolactam

Concen: 39.45 ng

RT: 8.57 min Scan# 567

Delta R.T. -0.02 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Instrument :

BNA_F

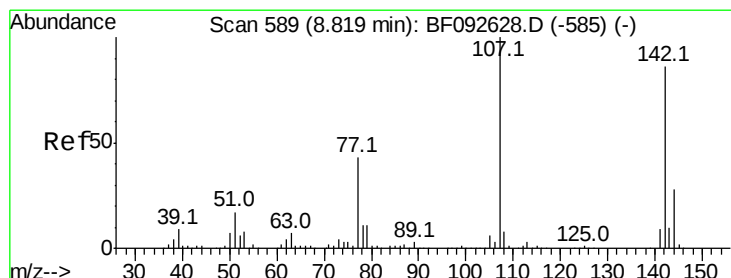
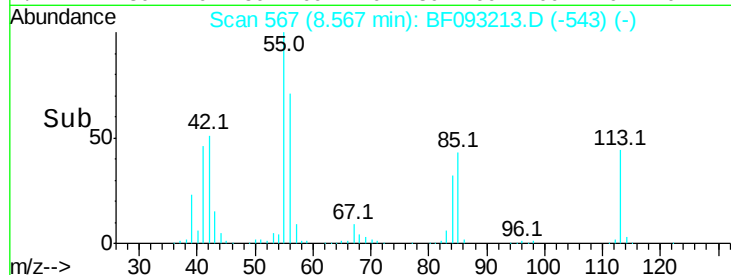
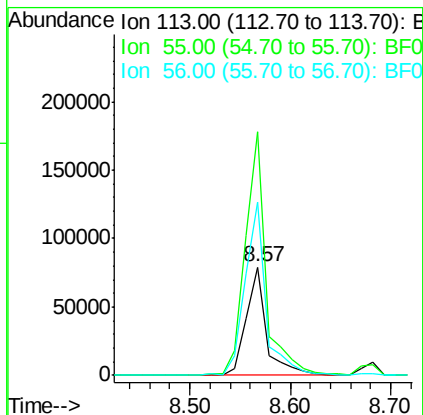
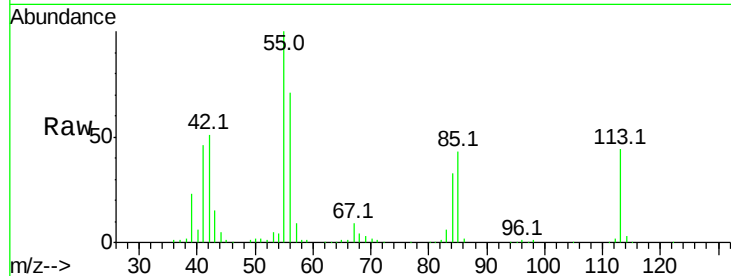
ClientSampled :

SSTDCCC040

Tot Ion:113 Resp: 110702
 Ion Ratio Lower Upper
 113 100
 55 224.9 119.2 159.2#
 56 159.6 83.8 123.8#

Manual Integrations
 APPROVED

mohammad
 2/28/2017 2:34:51 PM



#36

4-Chloro-3-methylphenol

Concen: 40.73 ng

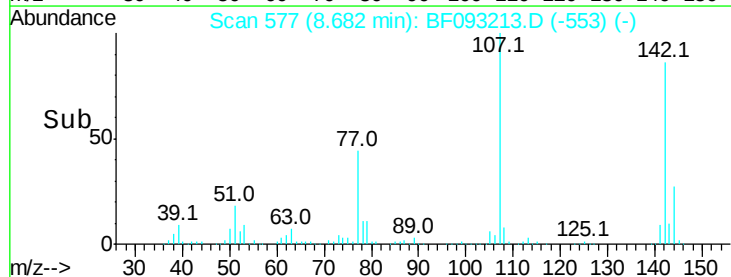
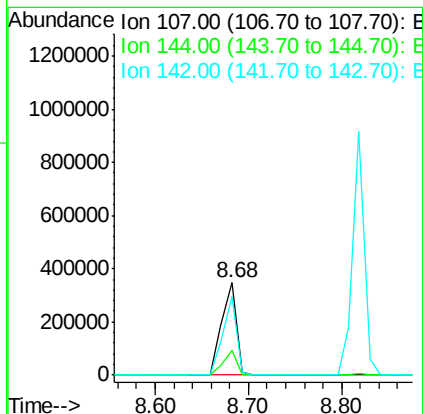
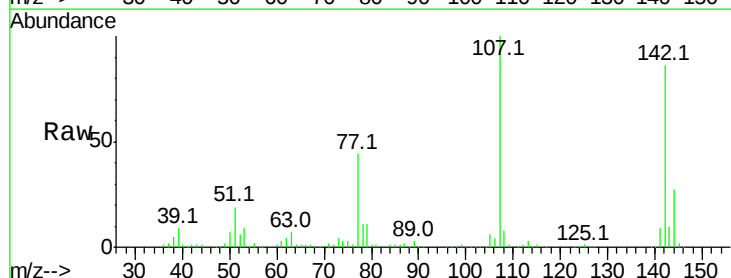
RT: 8.68 min Scan# 577

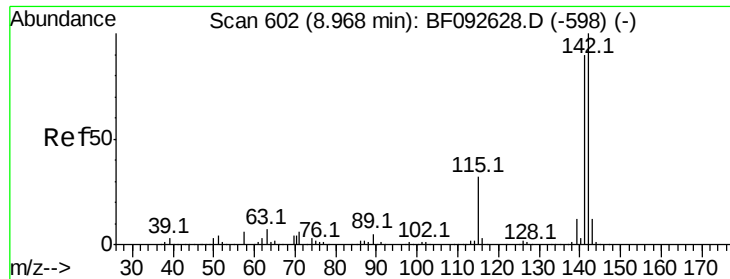
Delta R.T. -0.02 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Tgt Ion:107 Resp: 378773
 Ion Ratio Lower Upper
 107 100
 144 27.5 19.3 28.9
 142 85.7 59.0 88.6





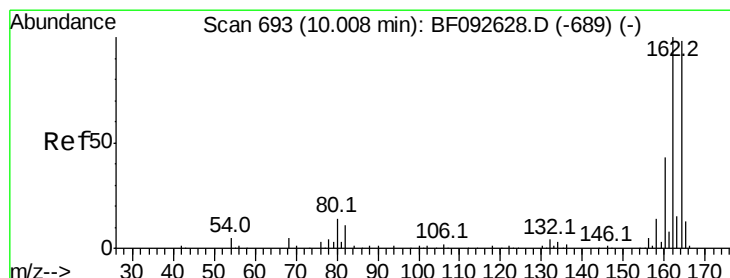
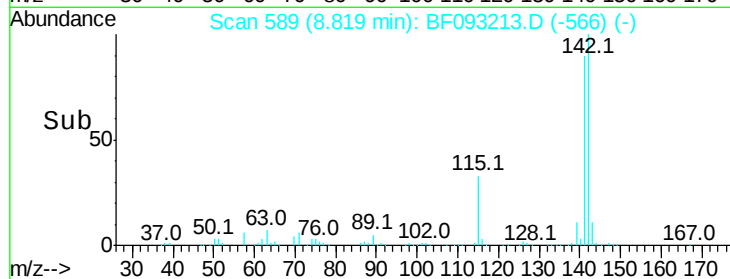
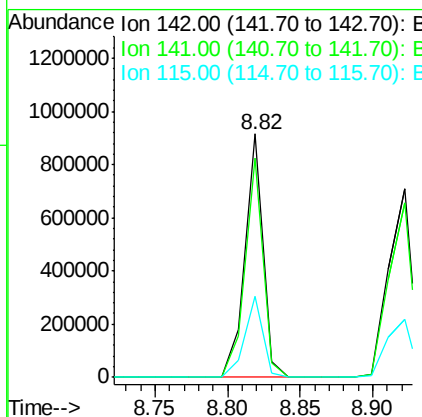
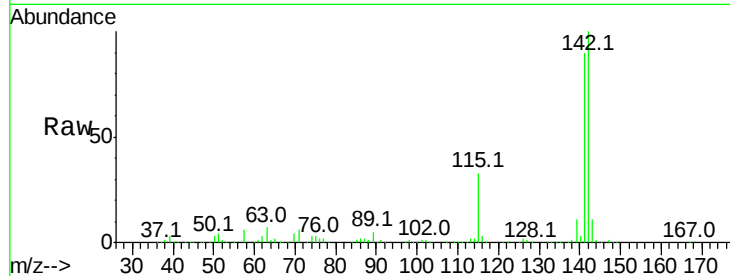
#37
2-Methylnaphthalene
Concen: 39.44 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.03 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.0	106.6
115	33.2	28.3	42.5

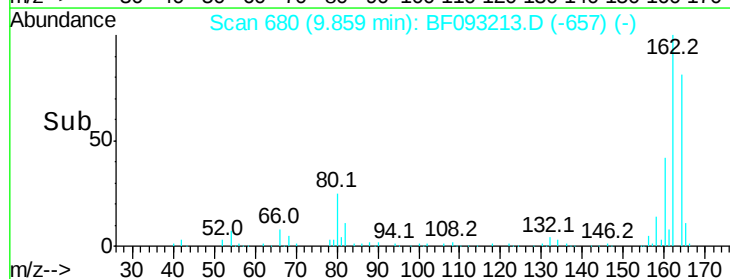
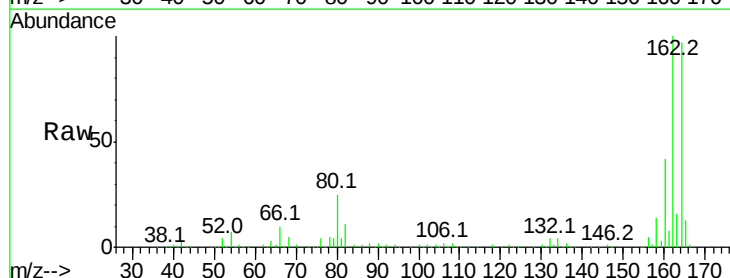
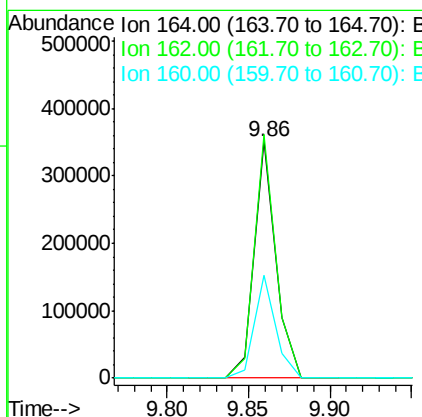
Manual Integrations
APPROVED

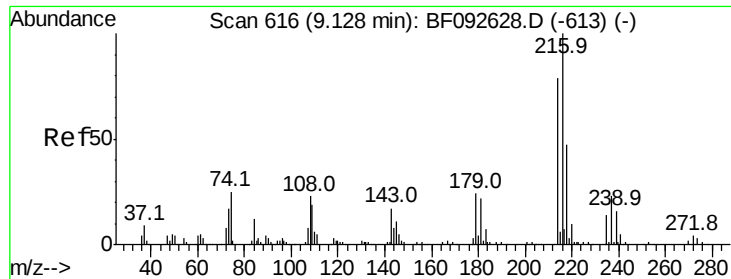
mohammad
2/28/2017 2:34:51 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.2	120.2
160	43.7	36.9	55.3





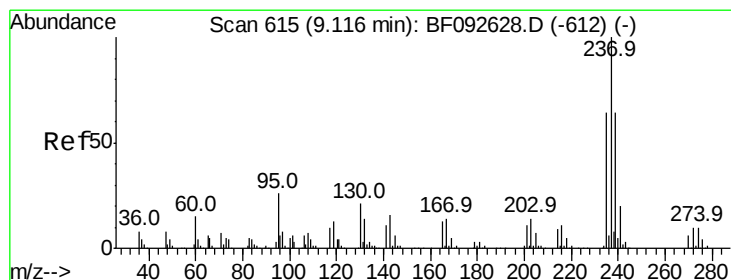
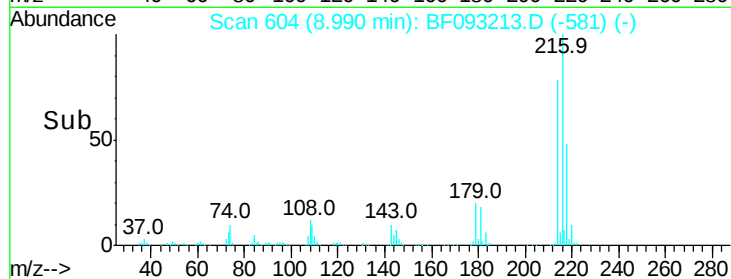
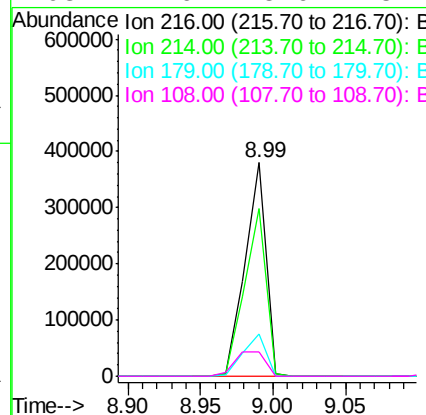
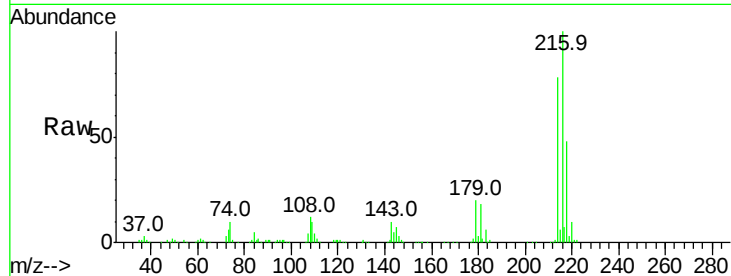
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.19 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF093213.D
 Acq: 27 Feb 2017 19:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	384057		
214	79.9		63.4	95.0
179	21.1		17.4	26.2
108	17.6		15.6	23.4

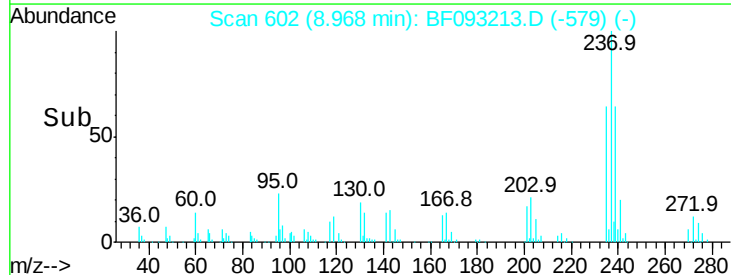
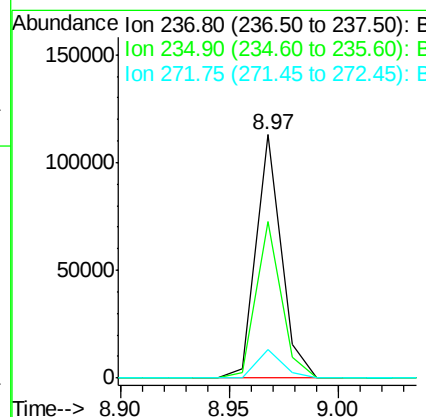
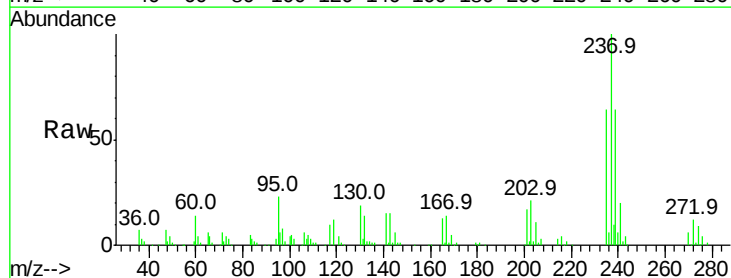
Manual Integrations
 APPROVED

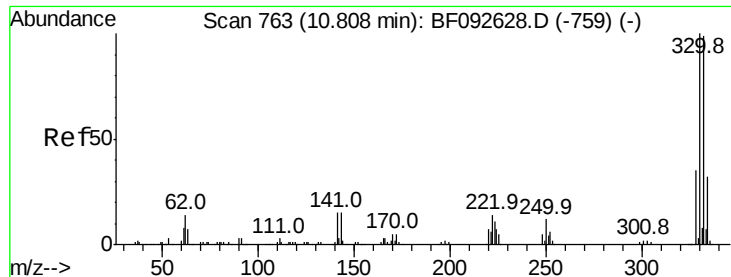
mohammad
 2/28/2017 2:34:51 PM



#40
 Hexachlorocyclopentadiene
 Concen: 22.13 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.03 min
 Lab File: BF093213.D
 Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	90876		
235	64.2		41.2	81.2
272	11.6		0.0	35.4





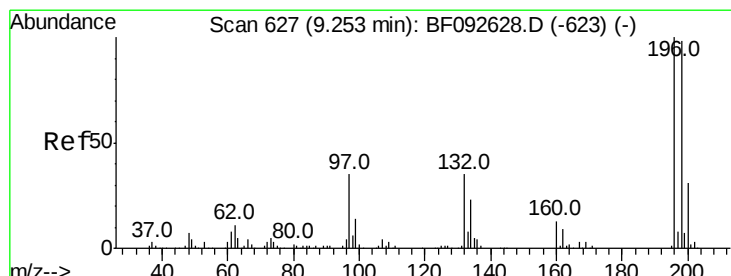
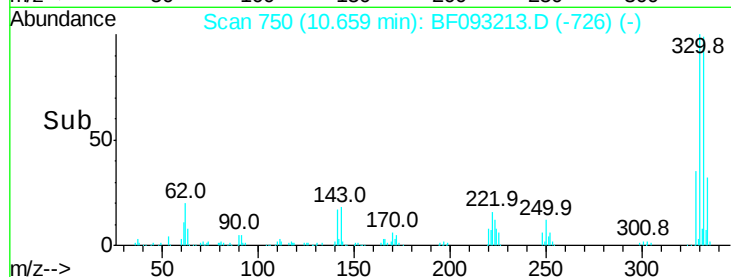
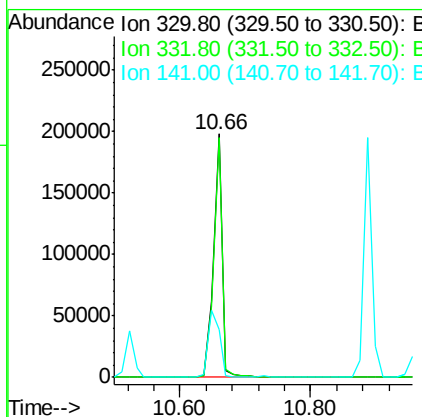
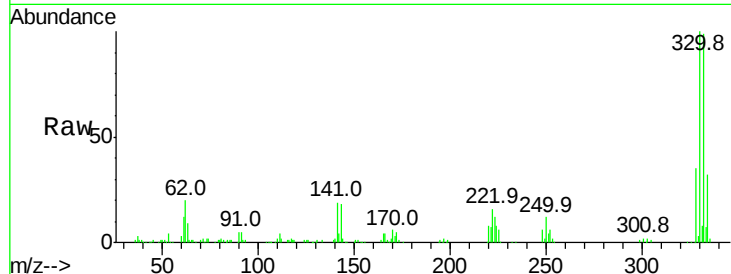
#41
 2,4,6-Tribromophenol
 Concen: 80.43 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF093213.D
 Acq: 27 Feb 2017 19:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	188635		
332	97.5	77.4	116.2	
141	35.4	34.1	51.1	

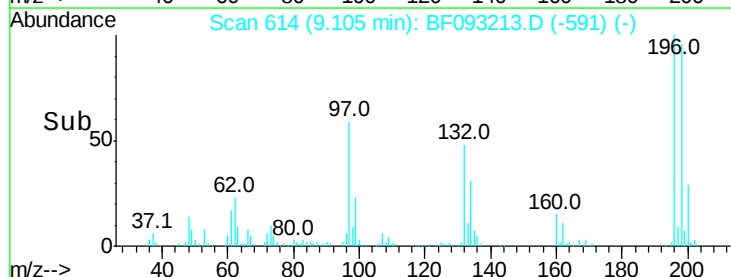
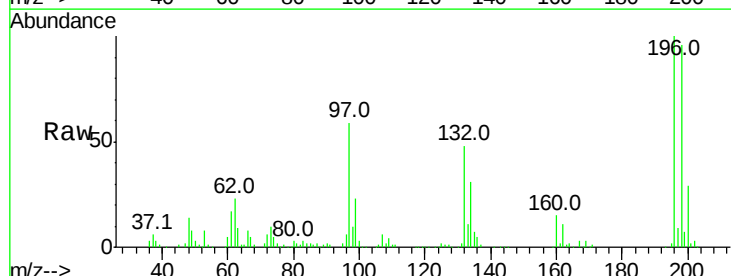
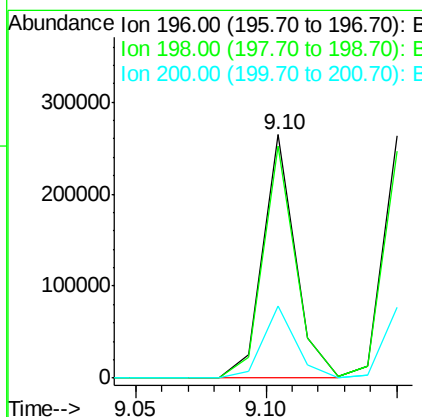
Manual Integrations
 APPROVED

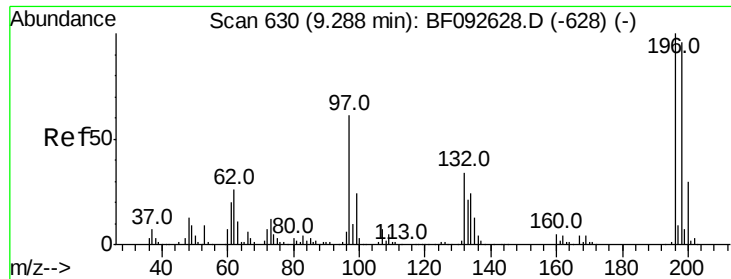
mohammad
 2/28/2017 2:34:51 PM



#42
 2,4,6-Trichlorophenol
 Concen: 38.66 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF093213.D
 Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	231217		
198	95.5	82.1	123.1	
200	29.4	27.0	40.4	





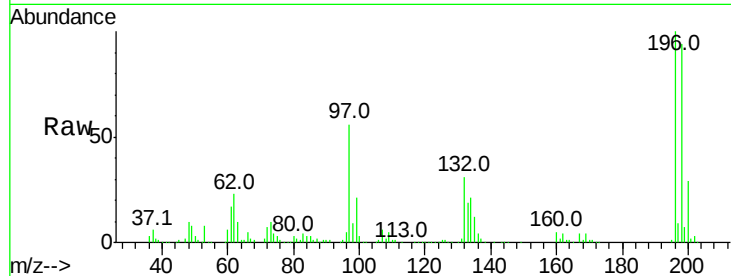
#43
 2,4,5-Trichlorophenol
 Concen: 38.54 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF093213.D
 Acq: 27 Feb 2017 19:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

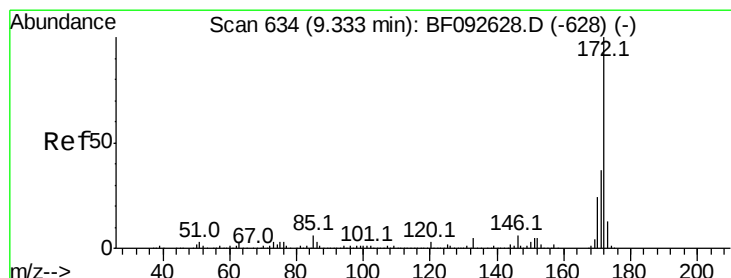
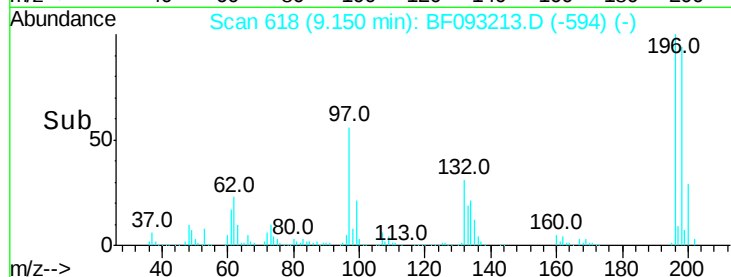
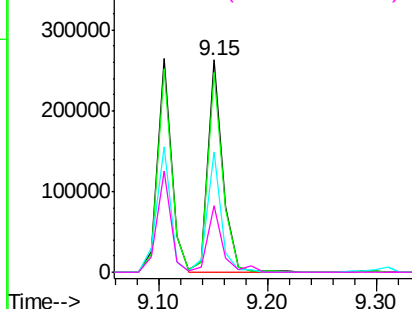
Tot Ion:	196	Resp:	252549
Ion Ratio	Lower	Upper	
196	100		
198	93.9	79.4	119.2
97	56.5	51.5	77.3
132	31.4	27.4	41.2

Manual Integrations
 APPROVED

mohammad
 2/28/2017 2:34:51 PM



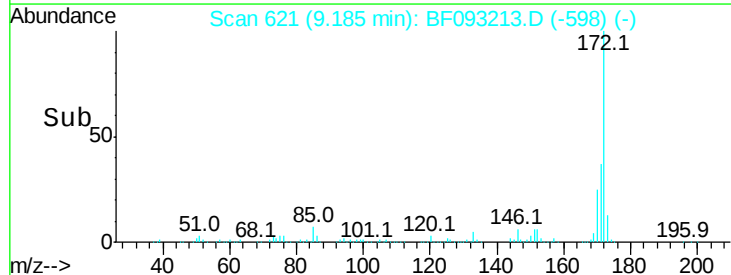
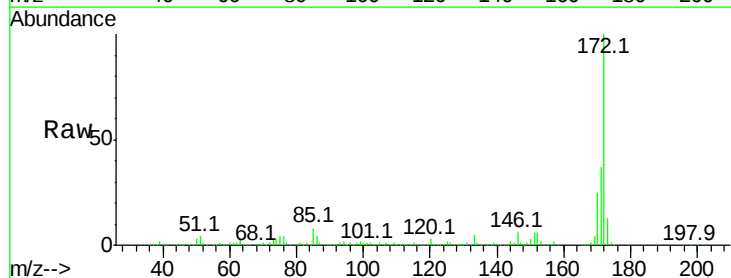
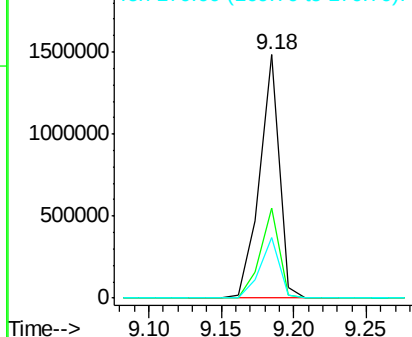
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

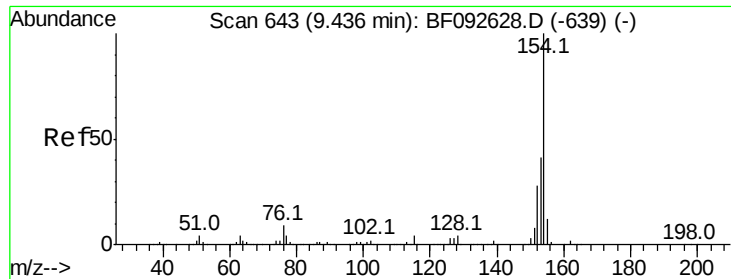


#44
 2-Fluorobiphenyl
 Concen: 78.06 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF093213.D
 Acq: 27 Feb 2017 19:12

Tgt Ion:	172	Resp:	1397300
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.4	44.0
170	24.8	20.2	30.4

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





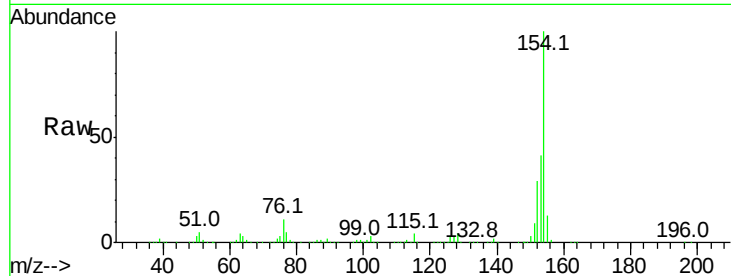
#45
 1,1'-Biphenyl
 Concen: 41.72 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.03 min
 Lab File: BF093213.D
 Acq: 27 Feb 2017 19:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

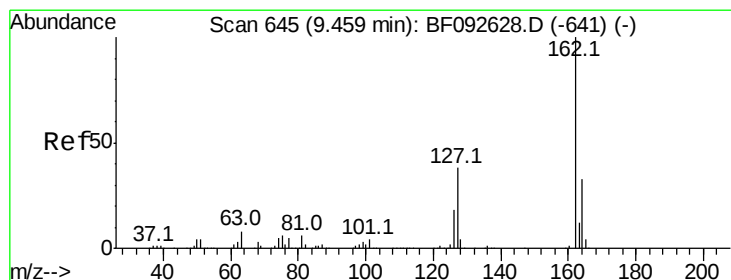
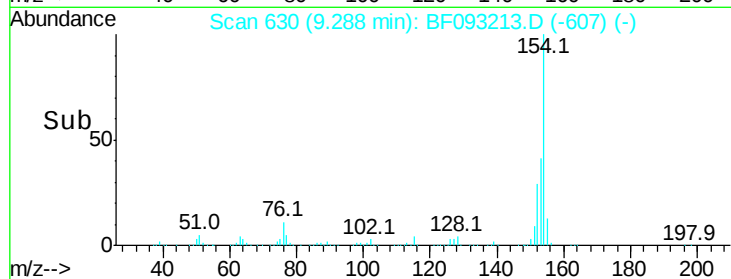
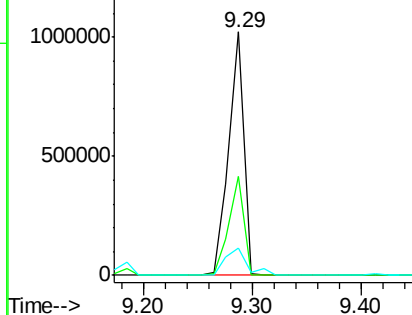
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.7	20.9	60.9	
76	11.2	0.0	30.5	

Manual Integrations
 APPROVED

mohammad
 2/28/2017 2:34:51 PM

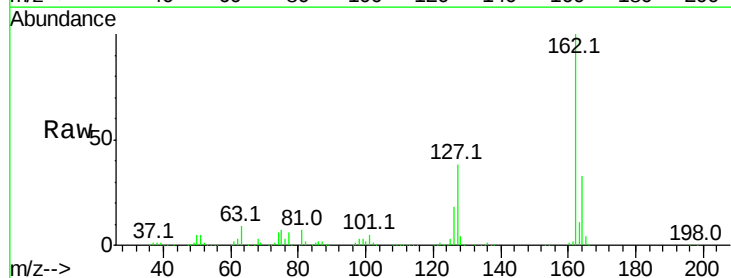


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

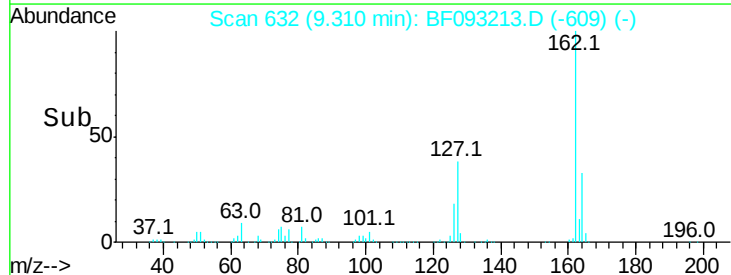
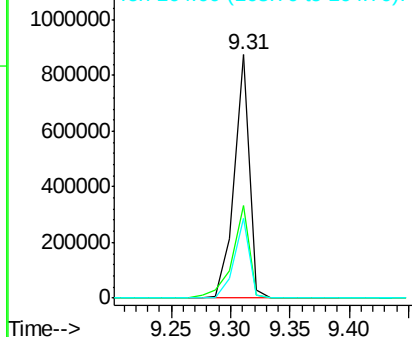


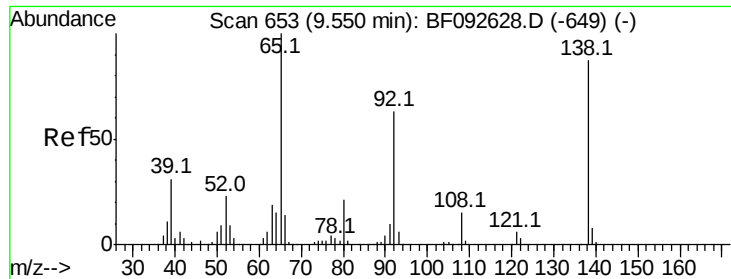
#46
 2-Chloronaphthalene
 Concen: 42.10 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.03 min
 Lab File: BF093213.D
 Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.2	30.7	46.1	
164	32.8	27.6	41.4	



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





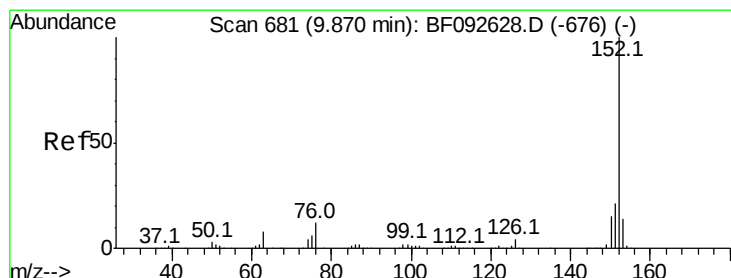
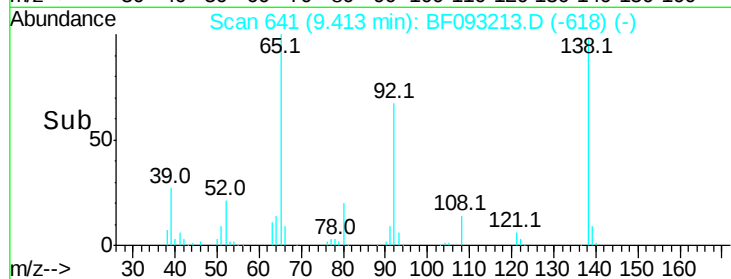
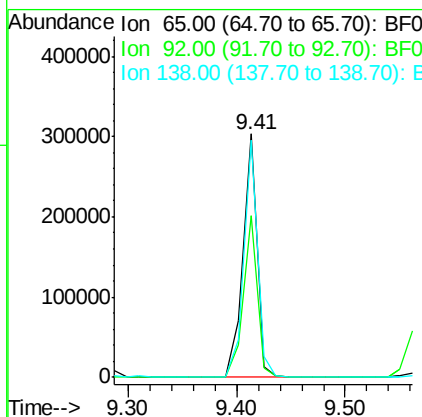
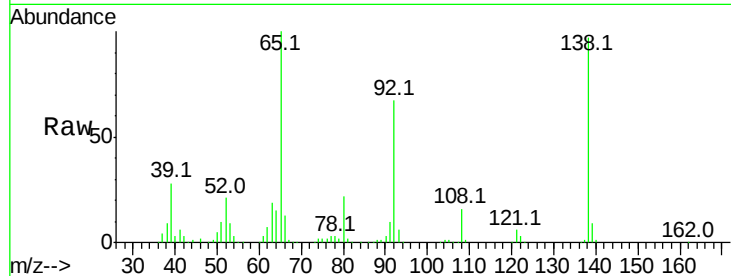
#47
 2-Nitroaniline
 Concen: 43.44 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.03 min
 Lab File: BF093213.D
 Acq: 27 Feb 2017 19:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.5	53.9	80.9
138	97.2	76.8	115.2

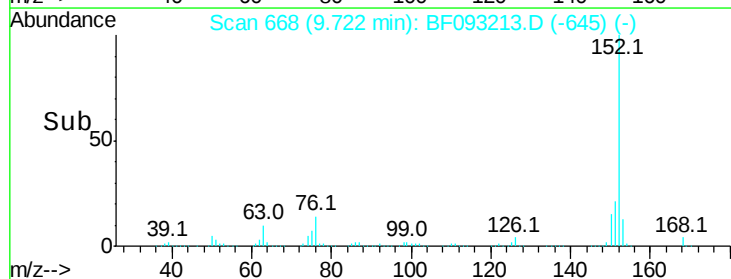
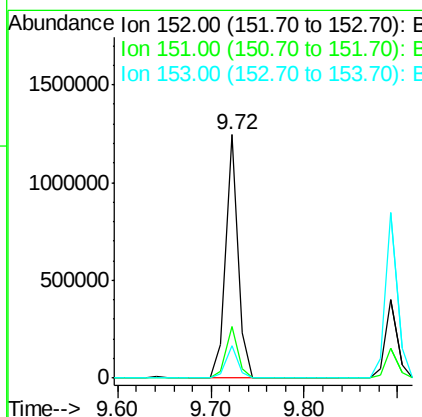
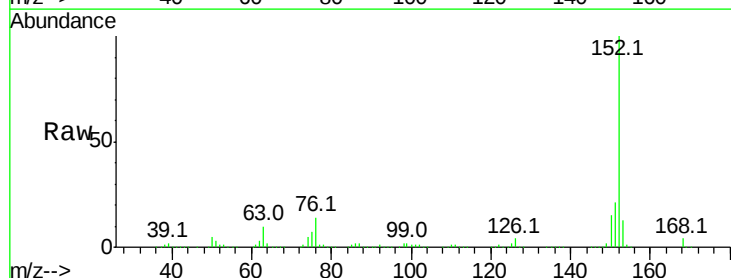
Manual Integrations
 APPROVED

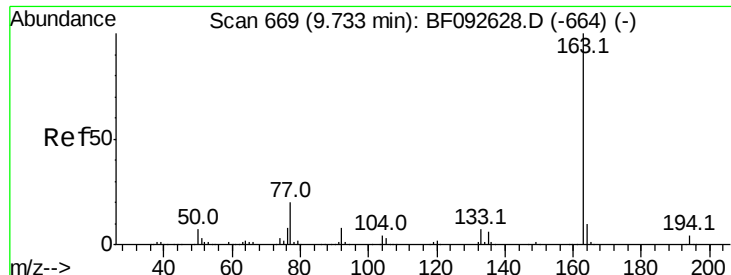
mohammad
 2/28/2017 2:34:51 PM



#48
 Acenaphthylene
 Concen: 35.88 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.03 min
 Lab File: BF093213.D
 Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.9	25.3
153	13.5	11.4	17.2





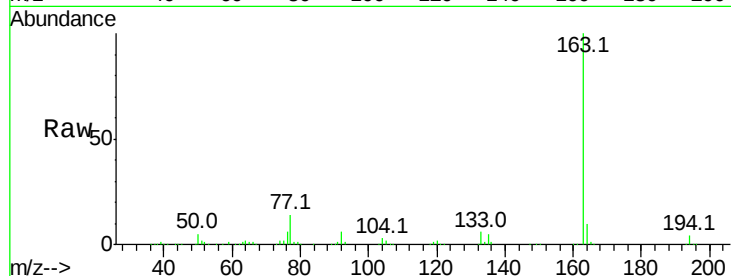
#49
Dimethylphthalate
Concen: 40.12 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	876277		
194	3.9		3.0	4.4
164	9.6		8.0	12.0

Manual Integrations
APPROVED

mohammad
2/28/2017 2:34:51 PM

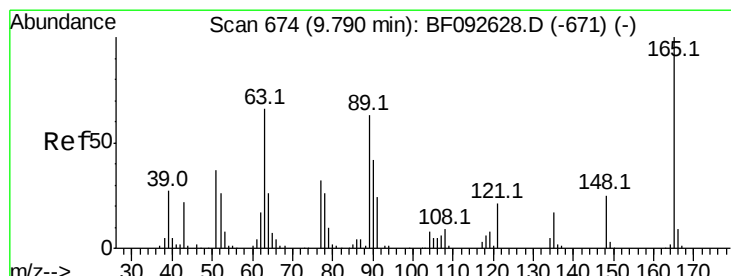
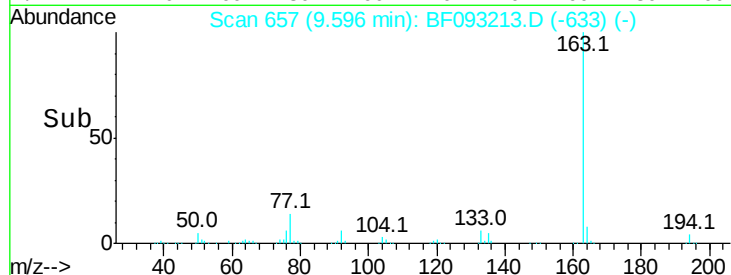
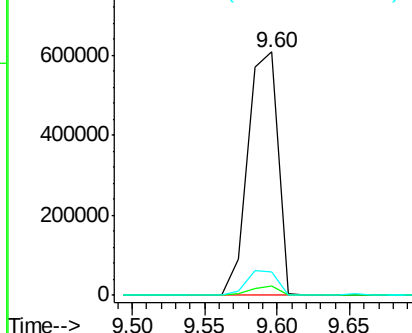


Abundance

Ion 163.00 (162.70 to 163.70): E

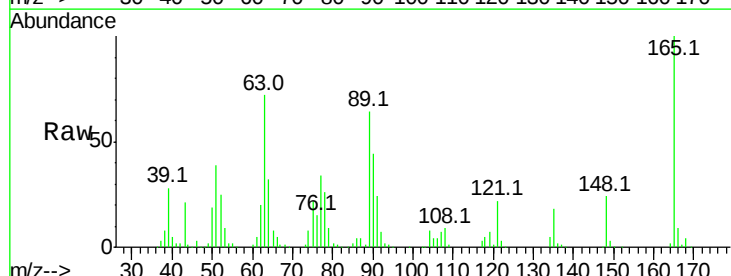
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 38.16 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.03 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	179985		
63	71.7		36.2	54.4#
89	63.6		40.2	60.4#

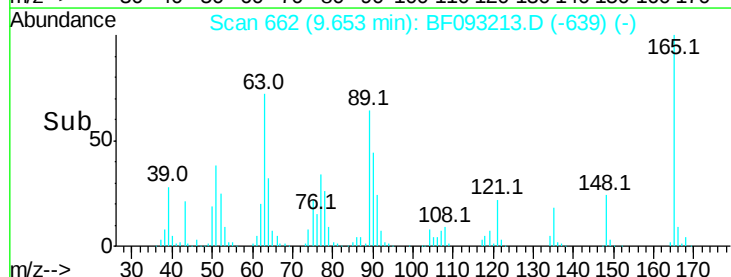
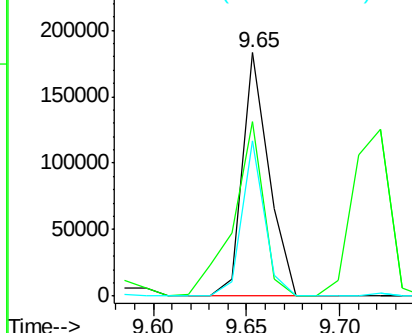


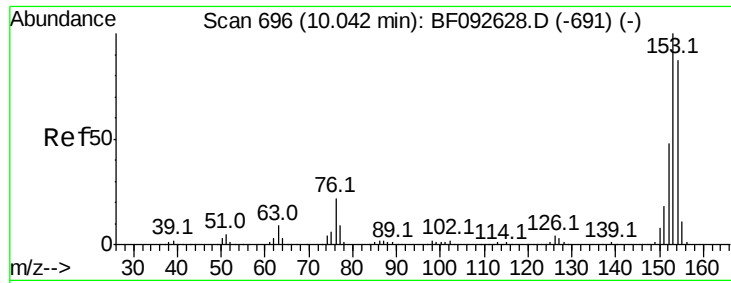
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





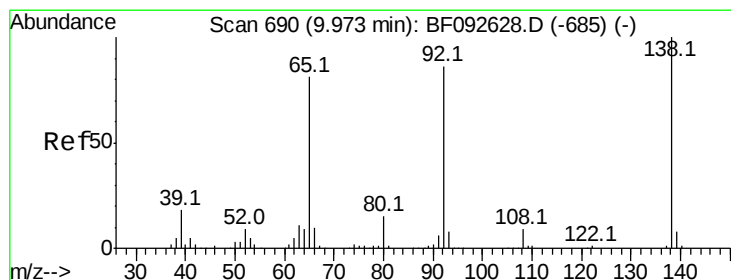
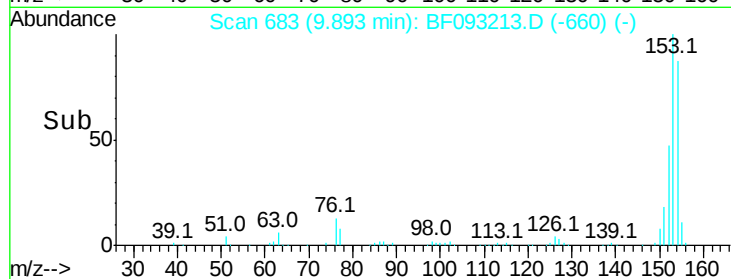
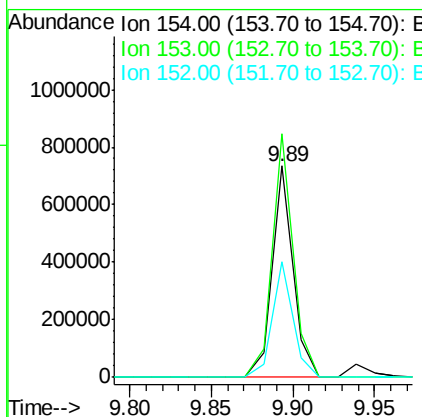
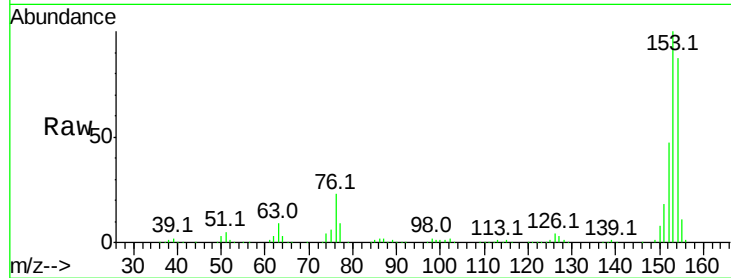
#51
Acenaphthene
Concen: 34.52 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.1	88.6	133.0
152	54.5	41.6	62.4

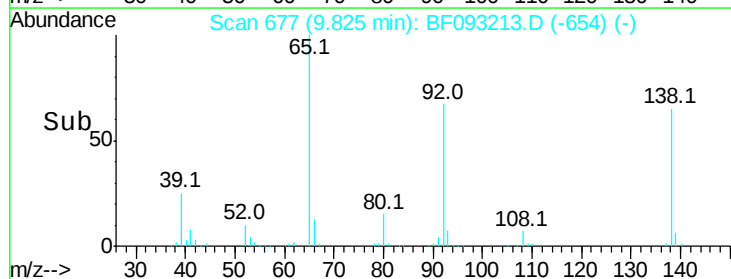
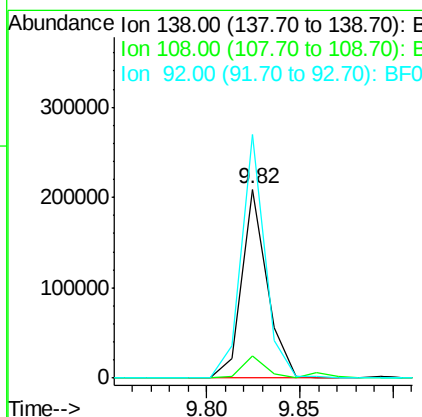
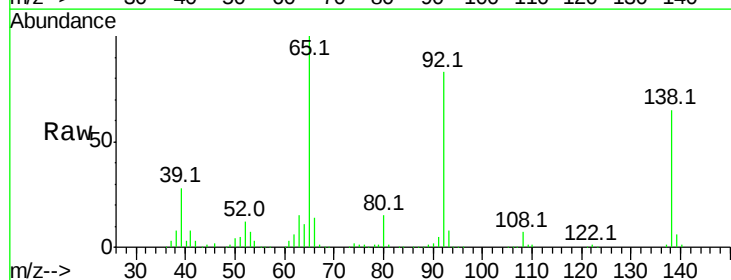
Manual Integrations
APPROVED

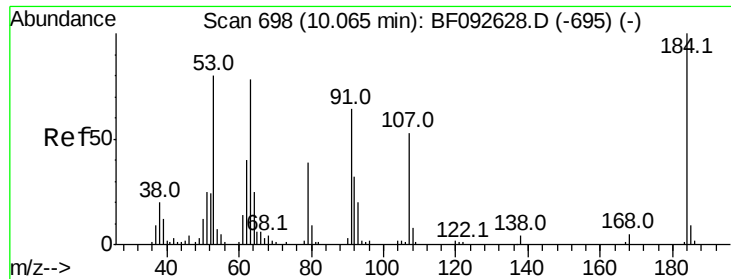
mohammad
2/28/2017 2:34:51 PM



#52
3-Nitroaniline
Concen: 36.90 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.03 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.6	8.5	12.7
92	128.8	97.8	146.8





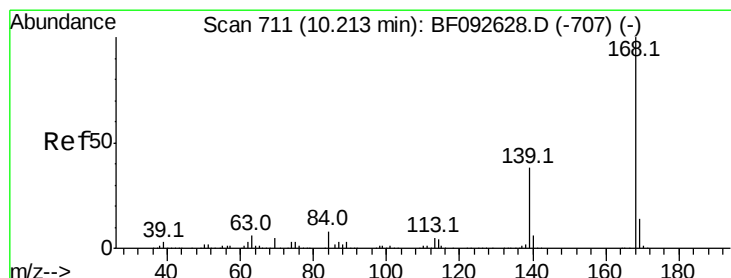
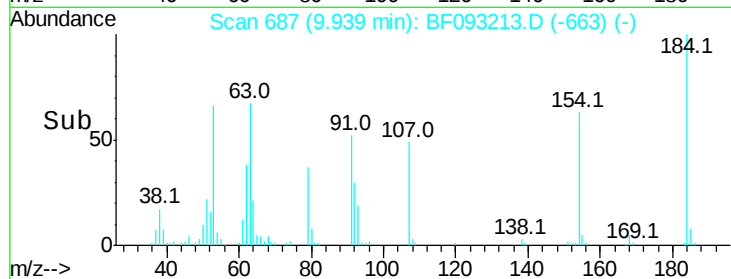
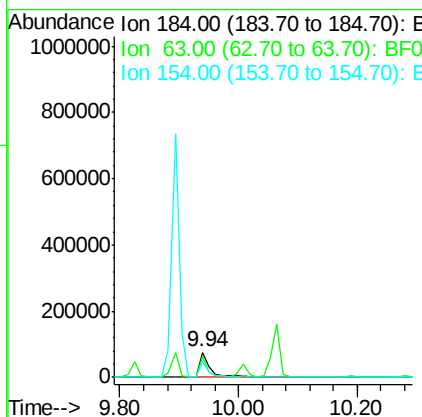
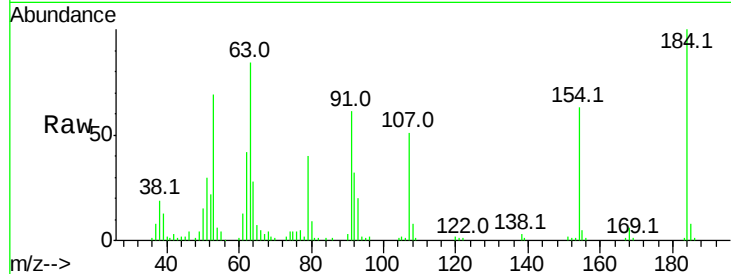
#53
 2,4-Dinitrophenol
 Concen: 45.04 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF093213.D
 Acq: 27 Feb 2017 19:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	84.3	28.4	42.6	
154	63.0	44.3	66.5	

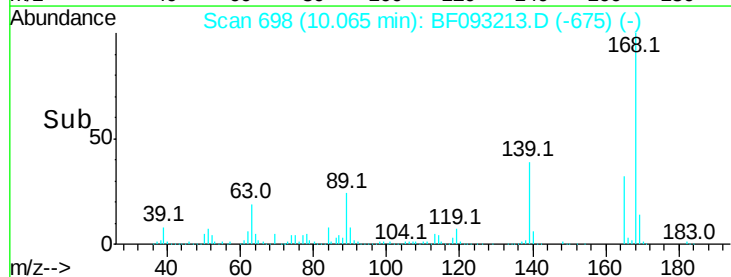
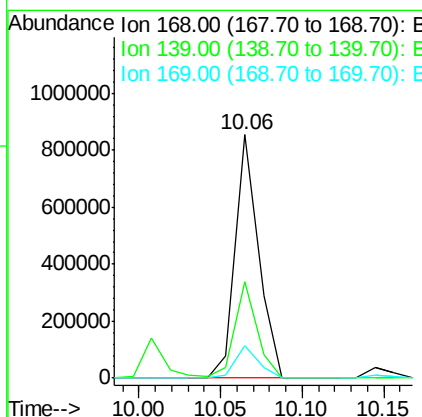
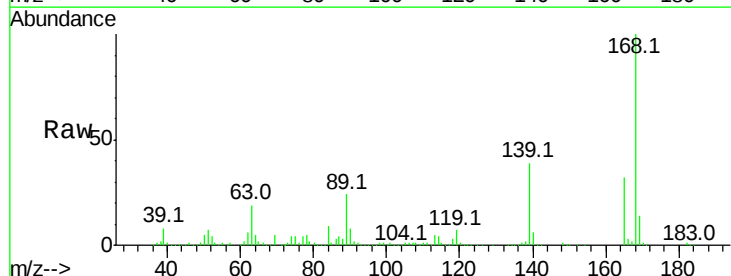
Manual Integrations
 APPROVED

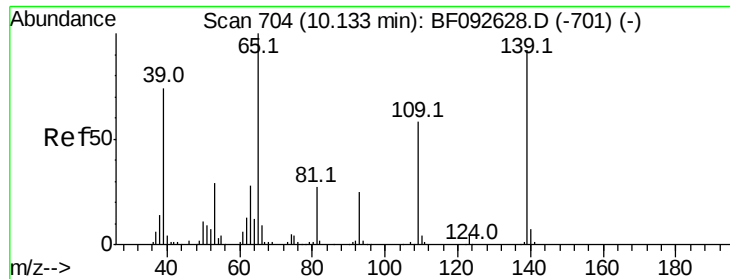
mohammad
 2/28/2017 2:34:51 PM



#54
 Dibenzofuran
 Concen: 33.19 ng
 RT: 10.06 min Scan# 698
 Delta R.T. -0.03 min
 Lab File: BF093213.D
 Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.4	32.6	49.0	
169	13.6	11.3	16.9	





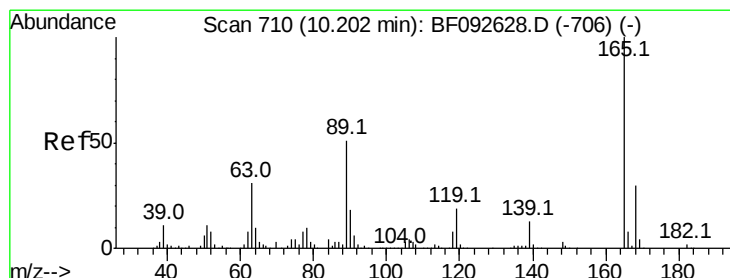
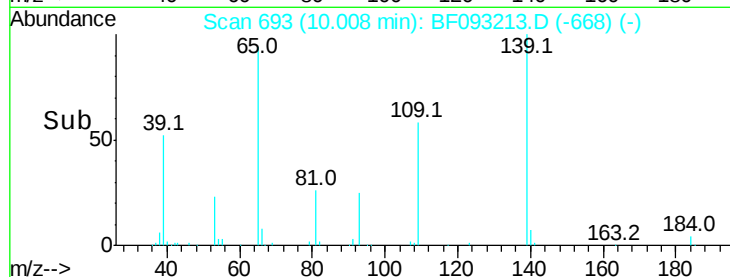
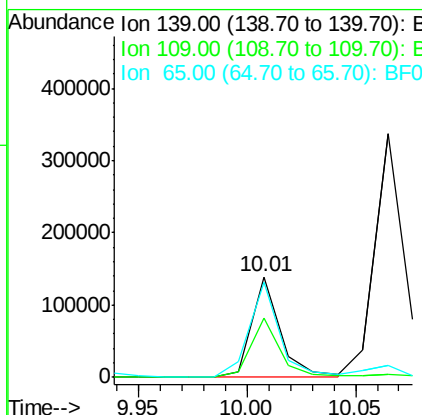
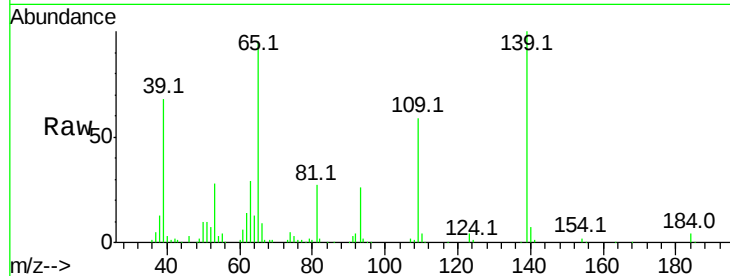
#55
4-Nitrophenol
Concen: 33.22 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	129146		
109	59.5	52.2	92.2	
65	95.3	85.8	125.8	

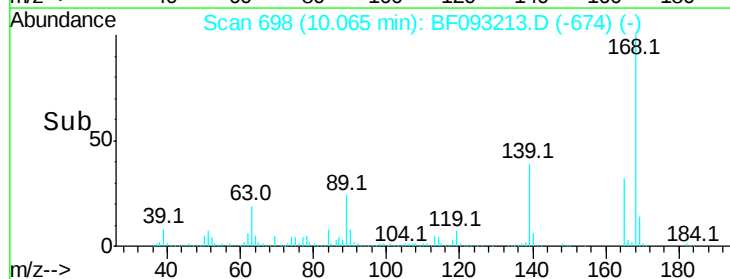
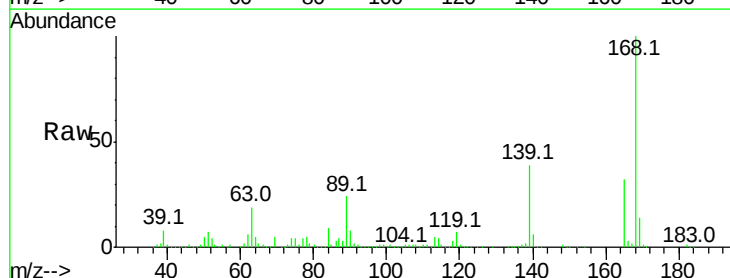
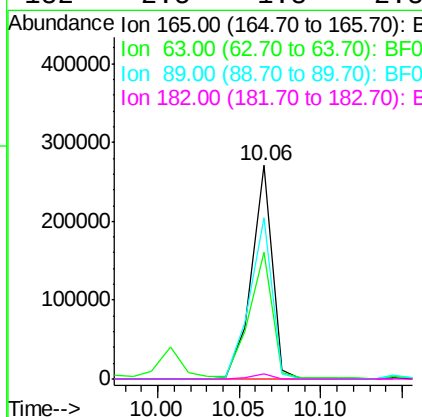
Manual Integrations
APPROVED

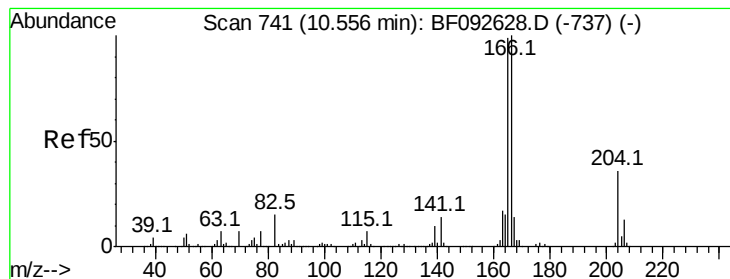
mohammad
2/28/2017 2:34:51 PM



#56
2,4-Dinitrotoluene
Concen: 38.03 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	238834		
63	59.4	40.2	60.4	
89	75.7	62.5	93.7	
182	2.5	1.8	2.8	





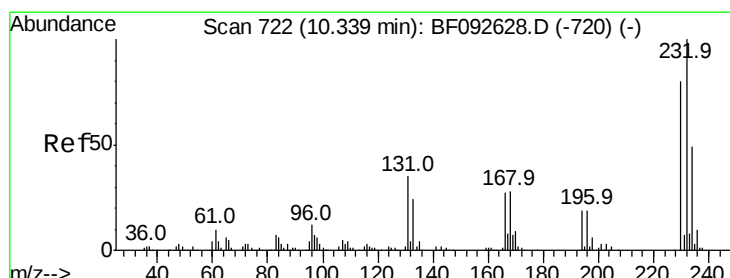
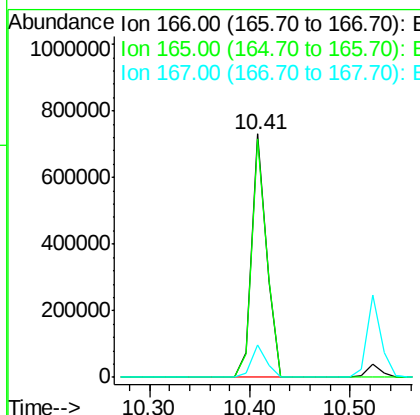
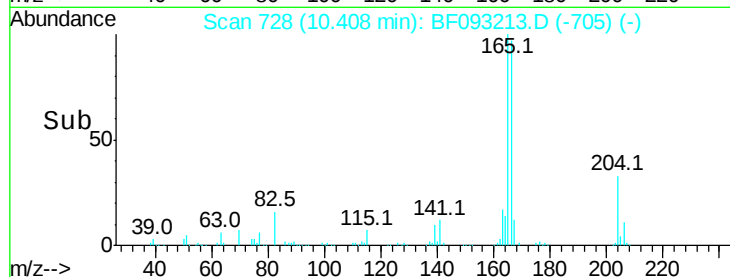
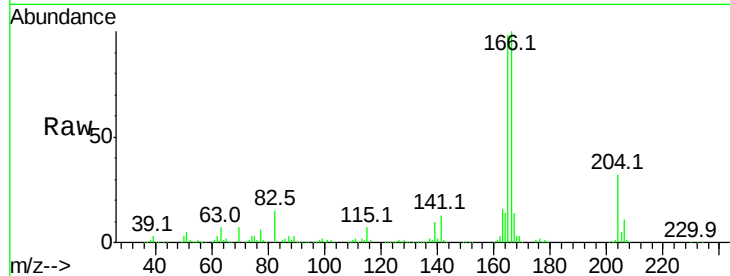
#57
Fluorene
 Concen: 38.59 ng
 RT: 10.41 min Scan# 728
 Delta R.T. -0.03 min
 Lab File: BF093213.D
 Acq: 27 Feb 2017 19:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	166	Resp:	753376
Ion Ratio	Lower	Upper	
166	100		
165	98.0	77.8	116.8
167	13.5	10.8	16.2

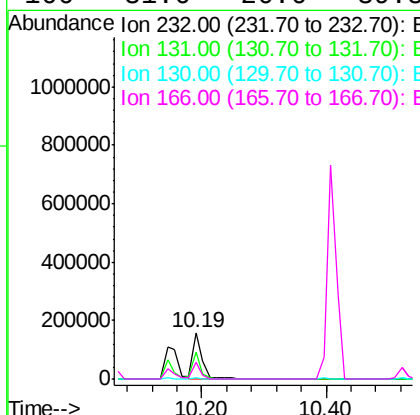
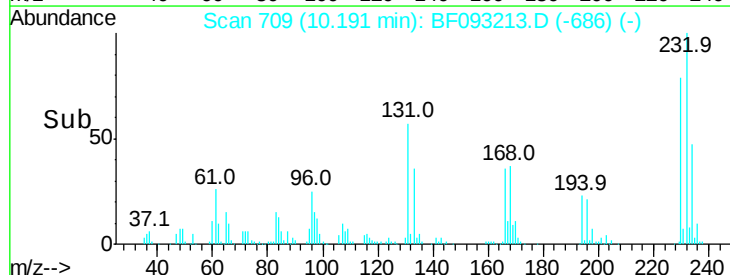
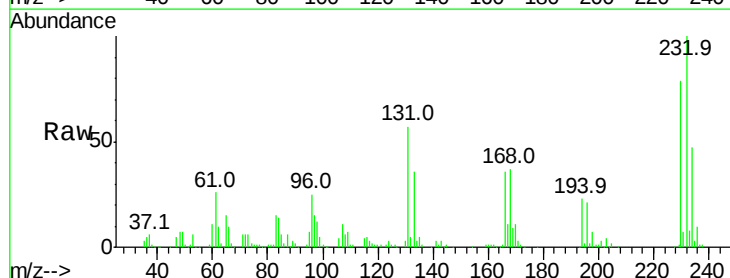
Manual Integrations
 APPROVED

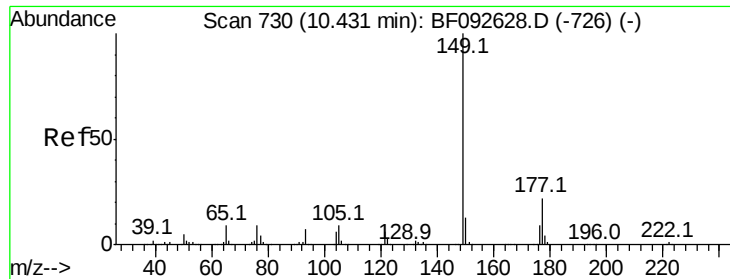
mohammad
 2/28/2017 2:34:51 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.39 ng
 RT: 10.19 min Scan# 709
 Delta R.T. -0.03 min
 Lab File: BF093213.D
 Acq: 27 Feb 2017 19:12

Tgt Ion:	232	Resp:	167836
Ion Ratio	Lower	Upper	
232	100		
131	50.1	40.1	60.1
130	2.2	1.8	2.8
166	31.6	26.6	39.8





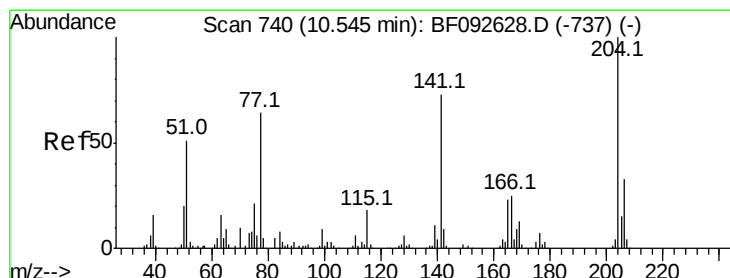
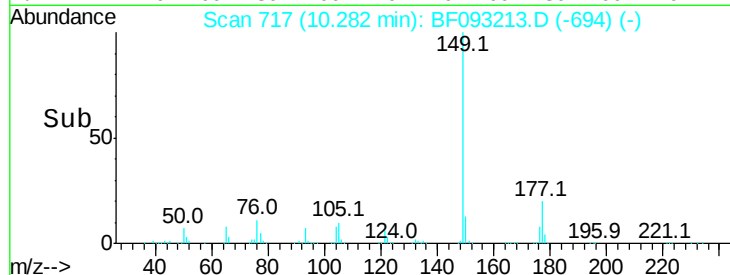
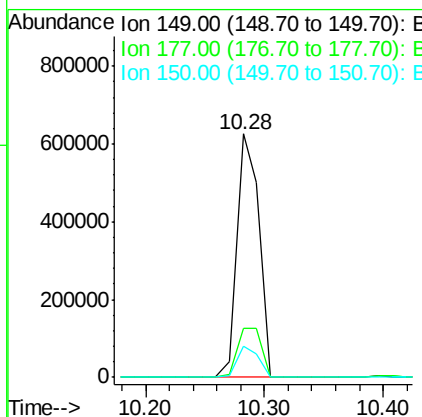
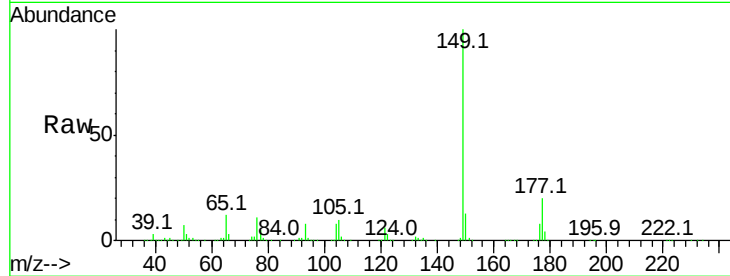
#59
Diethylphthalate
Concen: 38.97 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	802092		
177	20.4		16.6	25.0
150	13.0		10.4	15.6

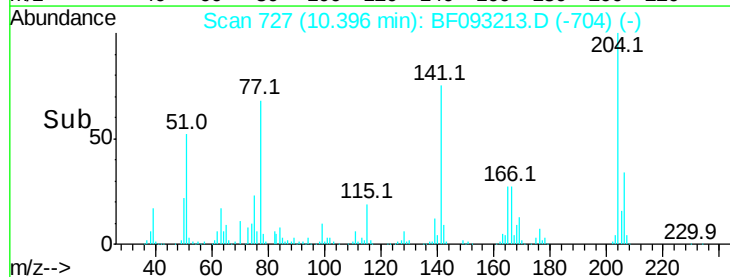
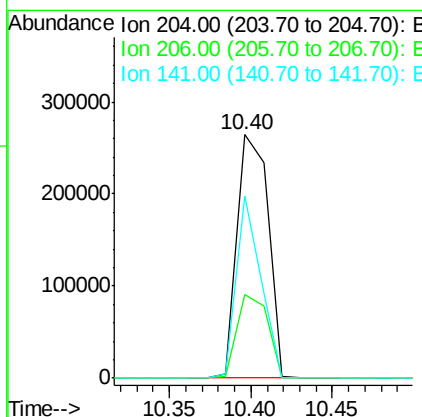
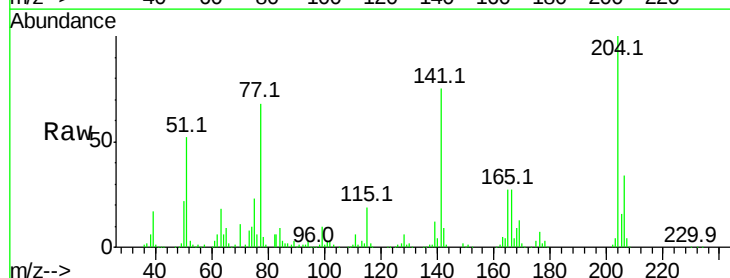
Manual Integrations
APPROVED

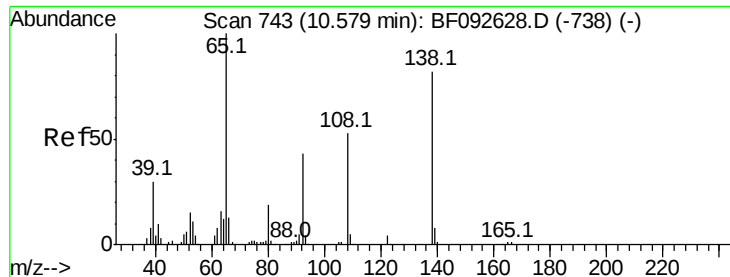
mohammad
2/28/2017 2:34:51 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.92 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.03 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	346285		
206	34.5		25.8	38.6
141	74.9		59.4	89.0





#61

4-Nitroaniline

Concen: 38.48 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Instrument :

BNA_F

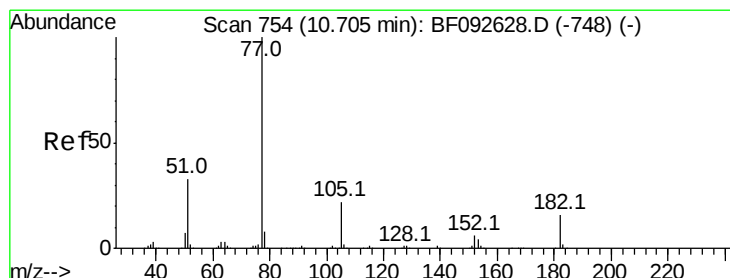
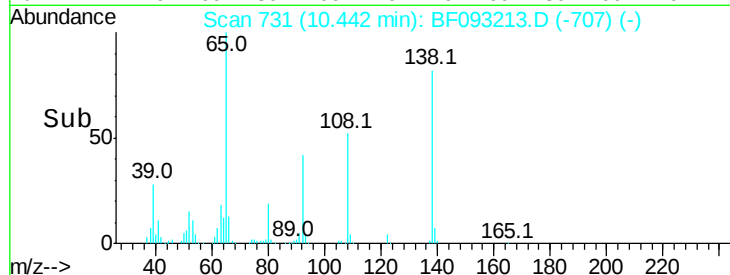
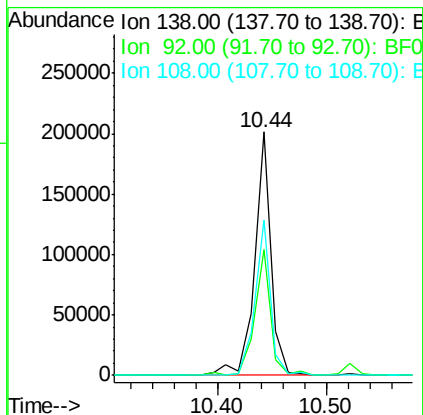
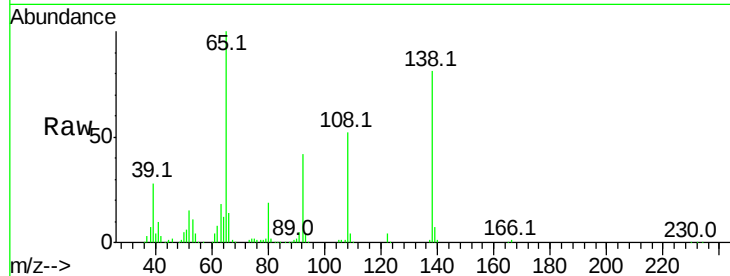
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	212750
Ion	Ratio	Lower	Upper
138	100		
92	51.5	31.7	71.7
108	63.9	52.6	92.6

Manual Integrations
APPROVED

mohammad
2/28/2017 2:34:51 PM



#62

Azobenzene

Concen: 41.79 ng

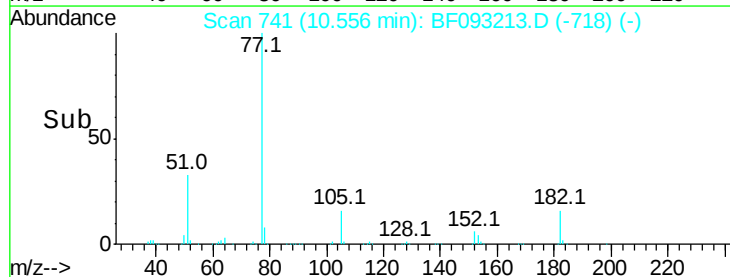
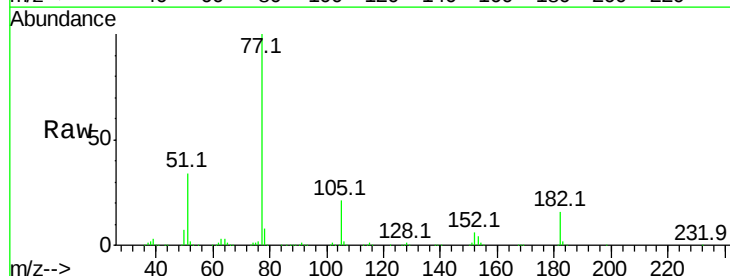
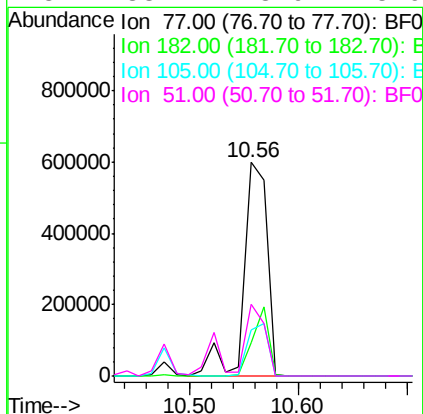
RT: 10.56 min Scan# 741

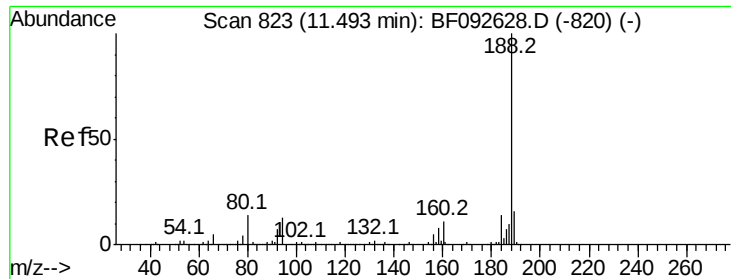
Delta R.T. -0.03 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Tgt Ion:	77	Resp:	888632
Ion	Ratio	Lower	Upper
77	100		
182	15.7	0.0	39.3
105	21.3	2.3	42.3
51	33.7	8.9	48.9





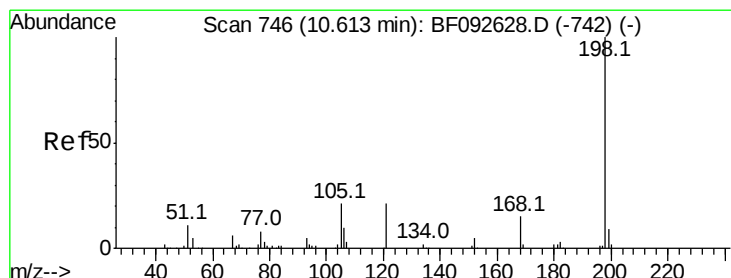
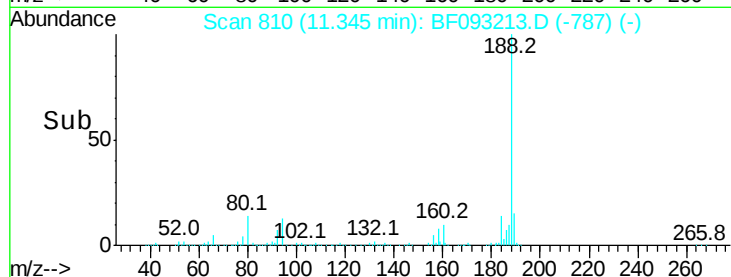
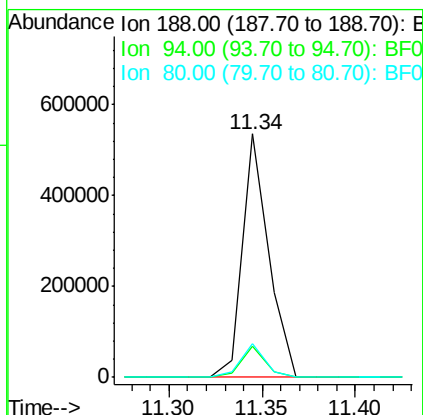
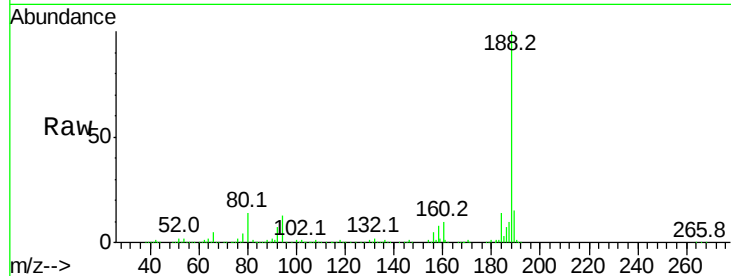
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.9	10.0	15.0	
80	13.7	11.2	16.8	

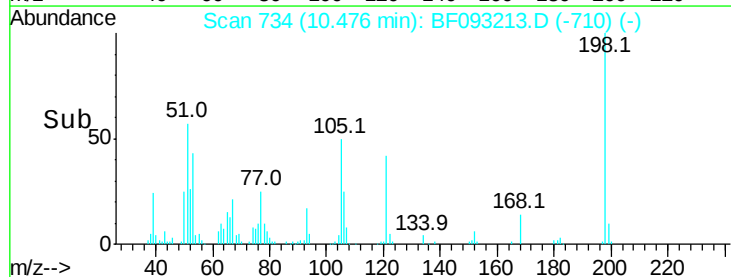
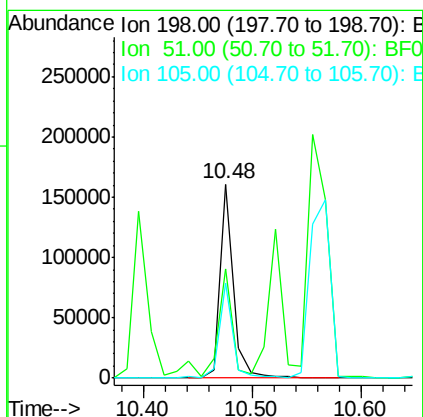
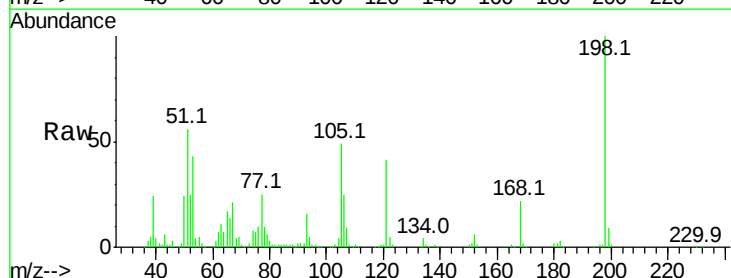
Manual Integrations
APPROVED

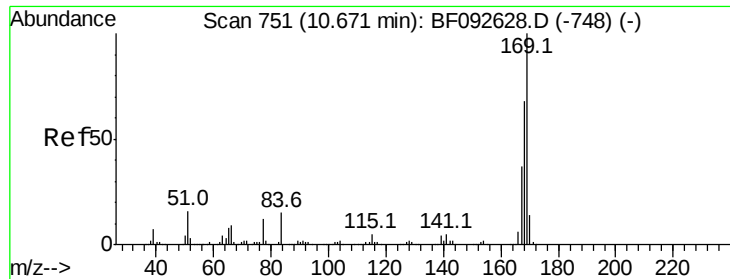
mohammad
2/28/2017 2:34:51 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 44.08 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	56.3	6.7	46.7#	
105	48.8	16.6	56.6	





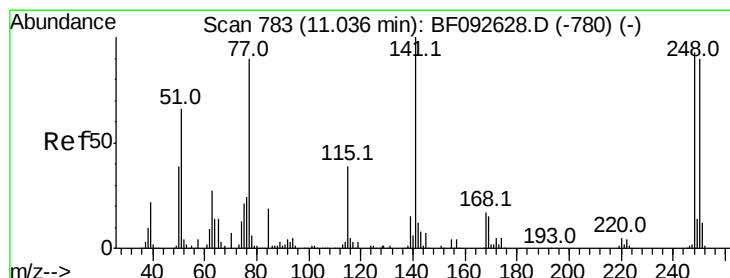
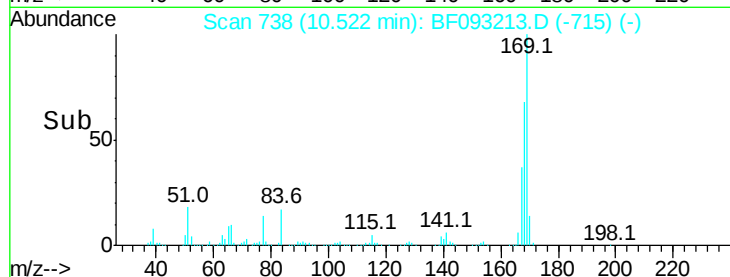
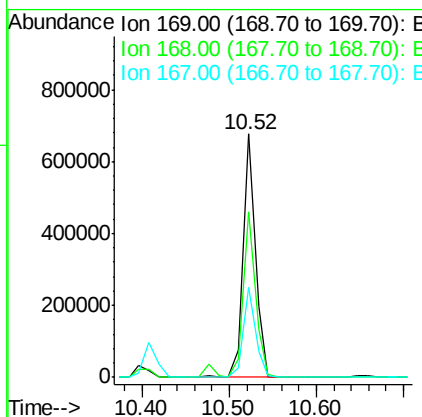
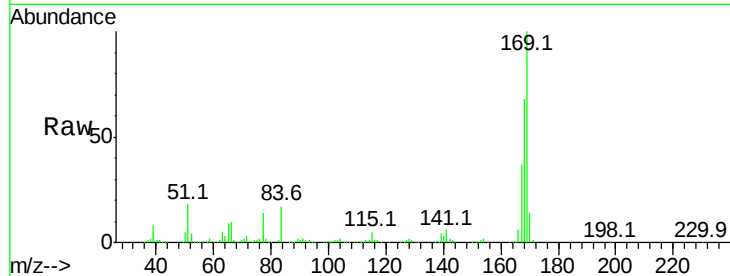
#65
n-Nitrosodiphenylamine
Concen: 39.24 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	656658		
168	68.2		54.2	81.2
167	36.8		30.2	45.4

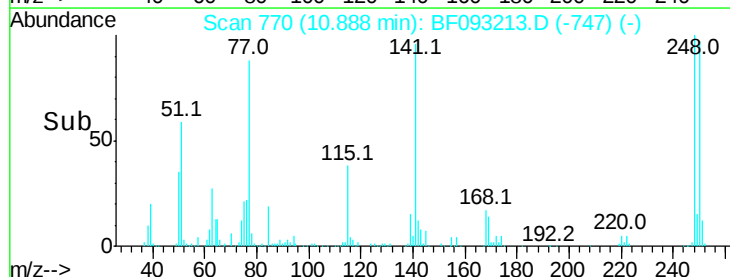
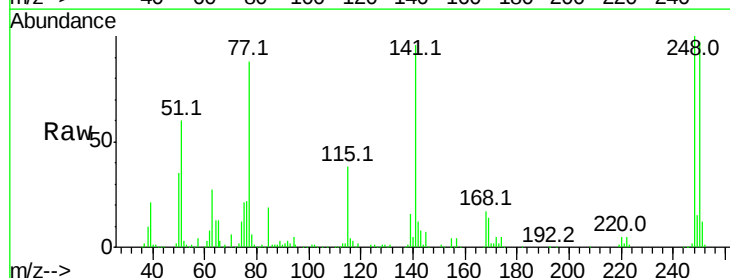
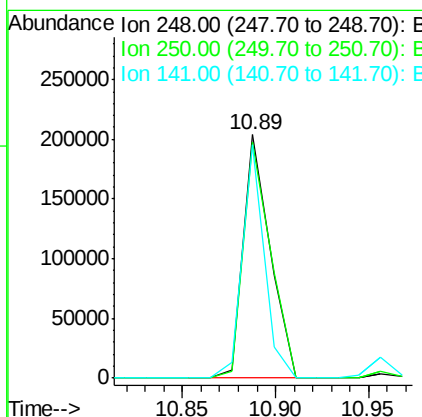
Manual Integrations
APPROVED

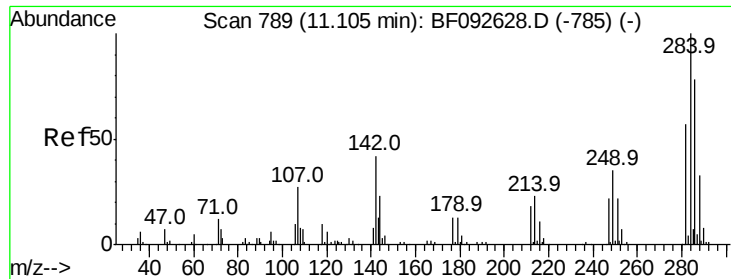
mohammad
2/28/2017 2:34:51 PM



#66
4-Bromophenyl-phenylether
Concen: 37.29 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.03 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	204050		
250	96.7		76.9	115.3
141	95.7		68.2	102.4





#67

Hexachlorobenzene

Concen: 37.51 ng

RT: 10.96 min Scan# 776

Delta R.T. -0.03 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Instrument :

BNA_F

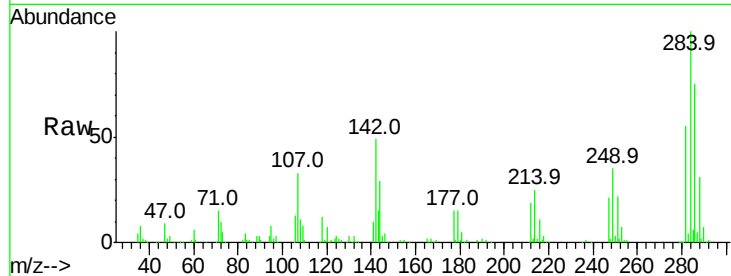
ClientSampleId :

SSTDCCC040

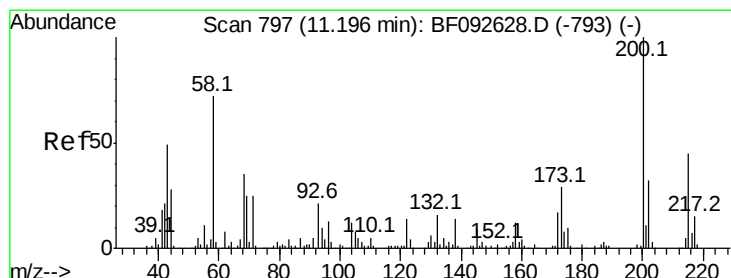
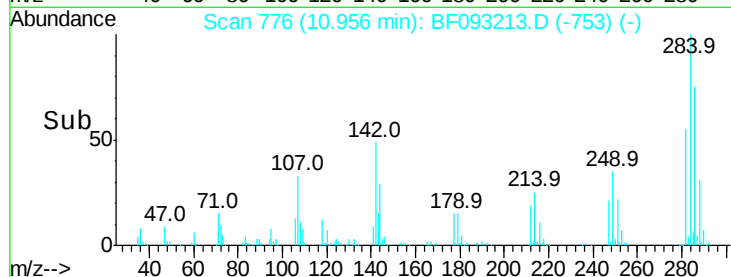
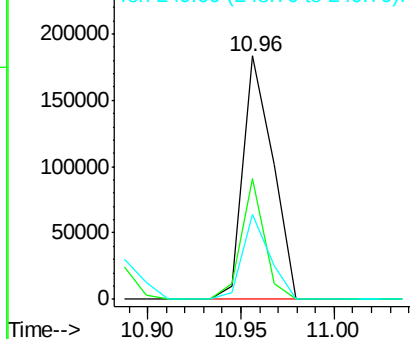
Tot Ion:	284	Resp:	202869
Ion Ratio	Lower	Upper	
284	100		
142	49.4	22.6	33.8#
249	34.9	25.4	38.0

Manual Integrations
APPROVED

mohammad
2/28/2017 2:34:51 PM



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



#68

Atrazine

Concen: 44.80 ng

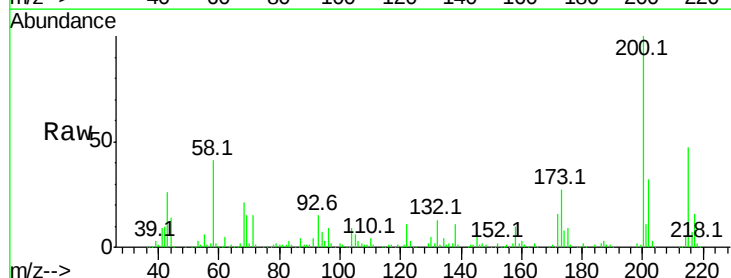
RT: 11.06 min Scan# 785

Delta R.T. -0.02 min

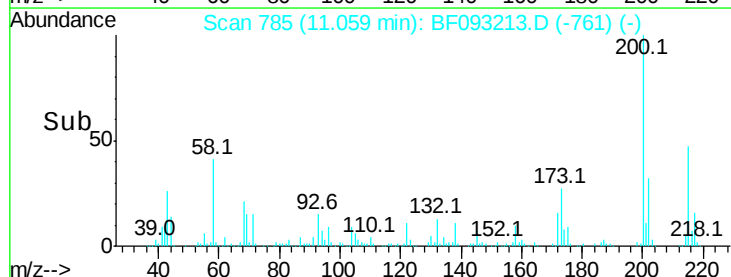
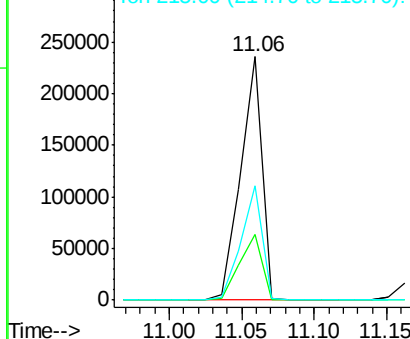
Lab File: BF093213.D

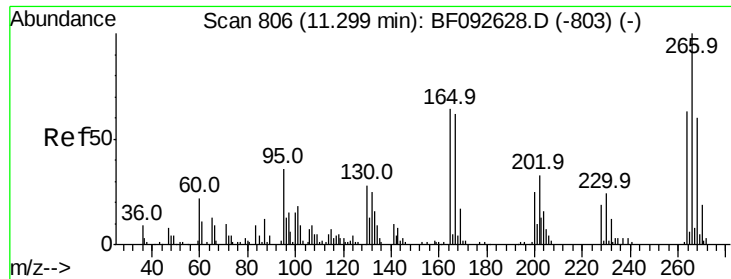
Acq: 27 Feb 2017 19:12

Tgt Ion:	200	Resp:	240552
Ion Ratio	Lower	Upper	
200	100		
173	26.8	9.6	49.6
215	46.9	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





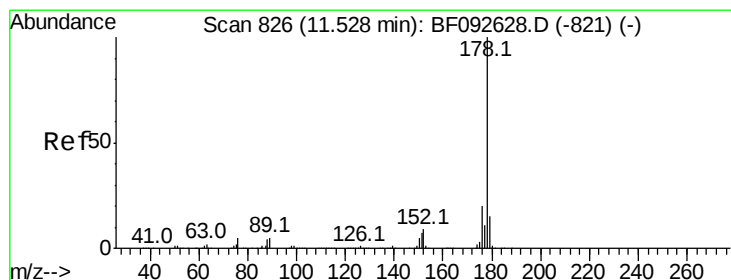
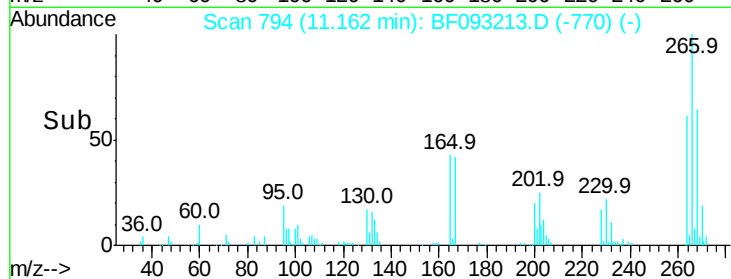
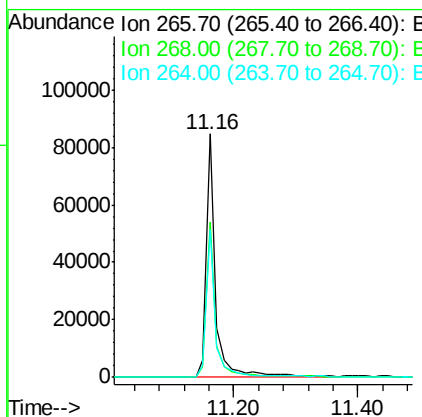
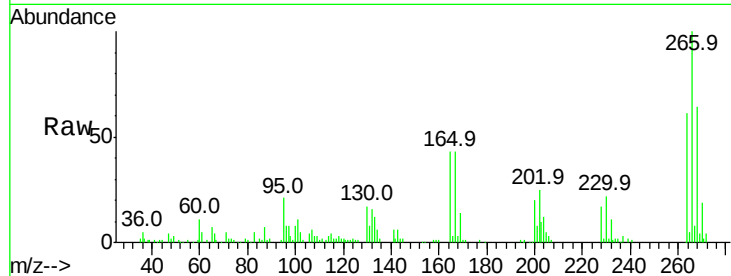
#69
 Pentachlorophenol
 Concen: 36.53 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF093213.D
 Acq: 27 Feb 2017 19:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	89977		
268	64.0	53.3	79.9	
264	60.6	50.3	75.5	

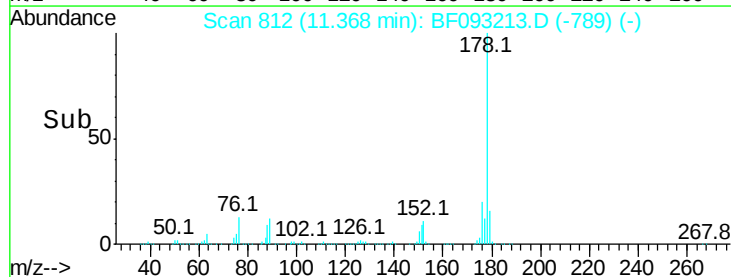
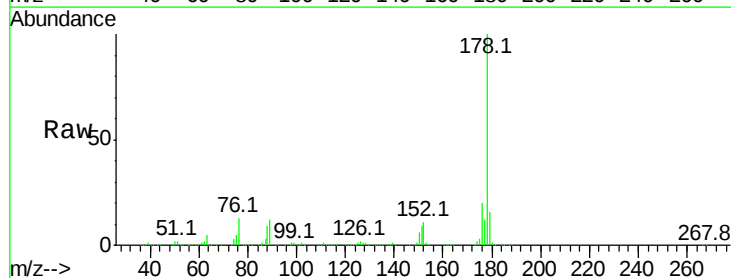
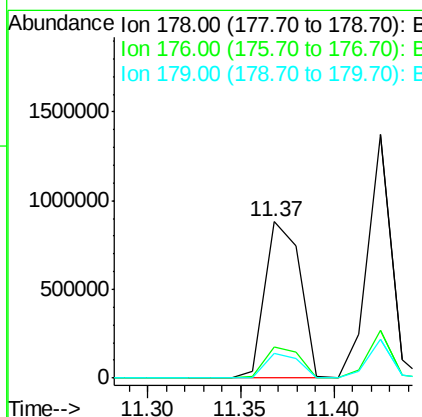
Manual Integrations
 APPROVED

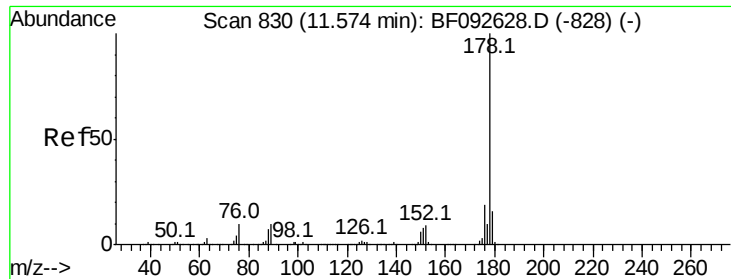
mohammad
 2/28/2017 2:34:51 PM



#70
 Phenanthrene
 Concen: 38.24 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BF093213.D
 Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1147589		
176	19.8	16.6	25.0	
179	15.7	12.8	19.2	





#71
 Anthracene
 Concen: 39.42 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.03 min
 Lab File: BF093213.D
 Acq: 27 Feb 2017 19:12

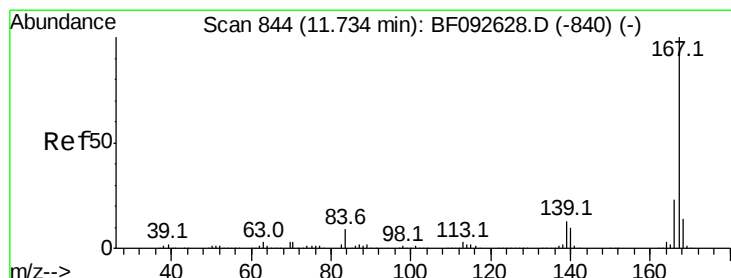
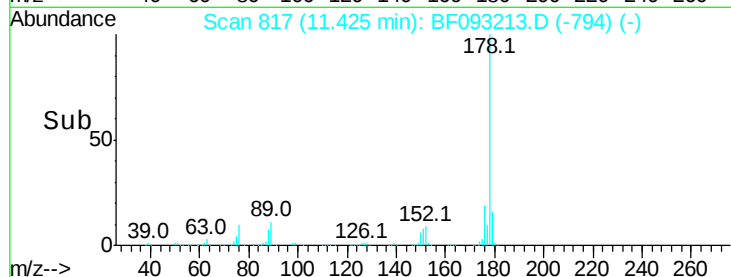
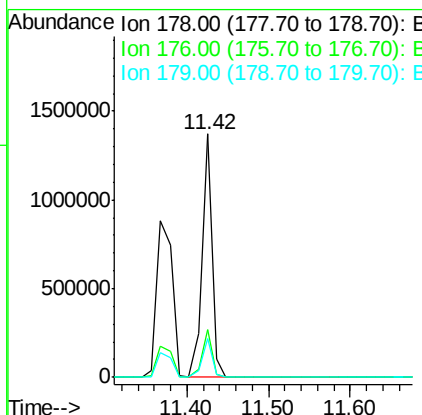
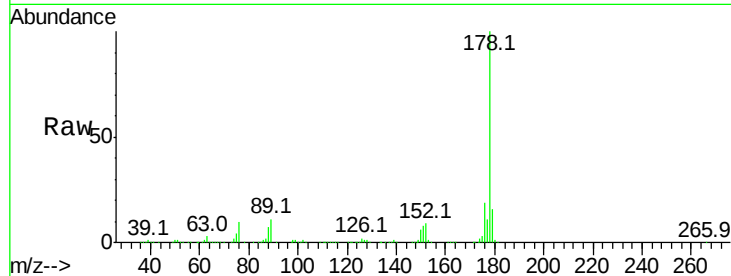
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1187884

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.8	13.2	19.8

Manual Integrations
 APPROVED

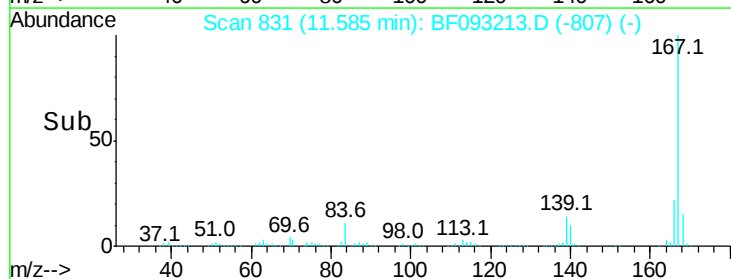
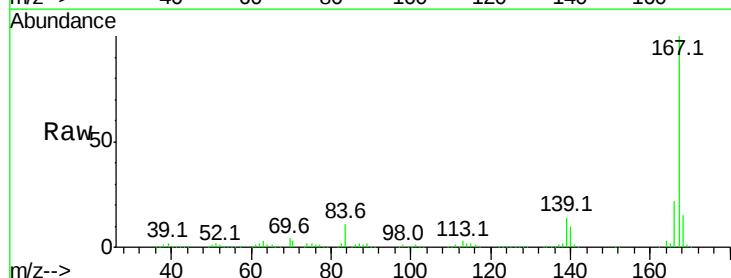
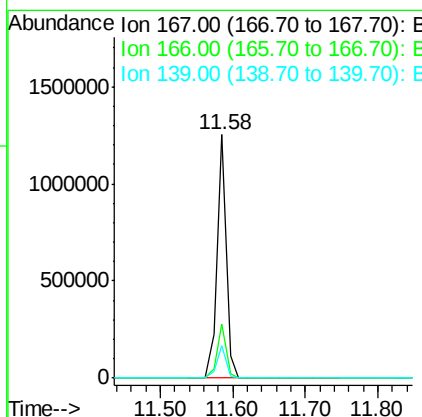
mohammad
 2/28/2017 2:34:51 PM

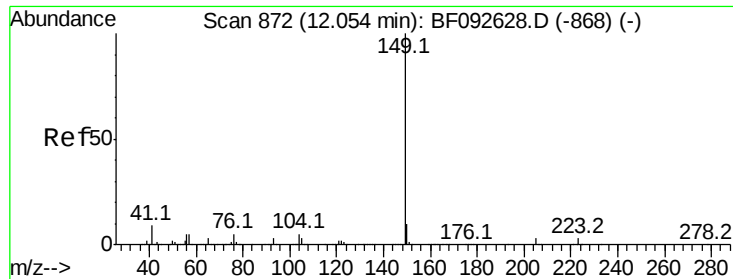


#72
 Carbazole
 Concen: 38.34 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF093213.D
 Acq: 27 Feb 2017 19:12

Tgt Ion:167 Resp: 1104588

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.2
139	13.5	11.4	17.2





#73

Di-n-butylphthalate

Concen: 40.67 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.03 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Instrument :

BNA_F

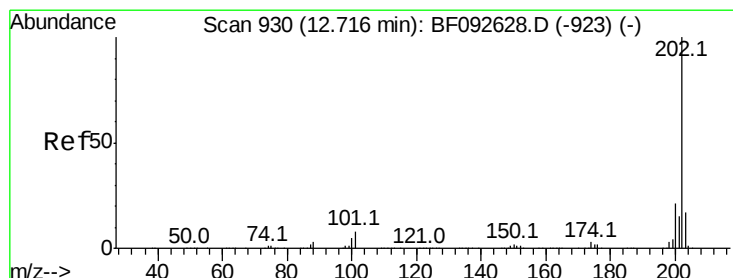
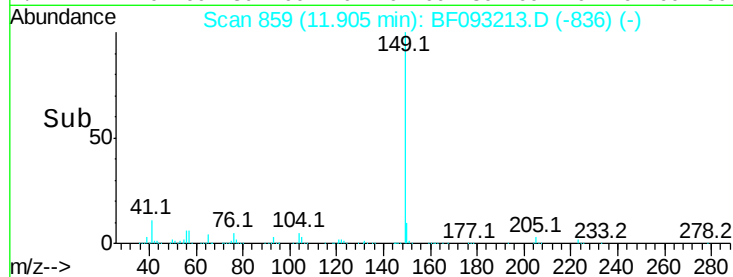
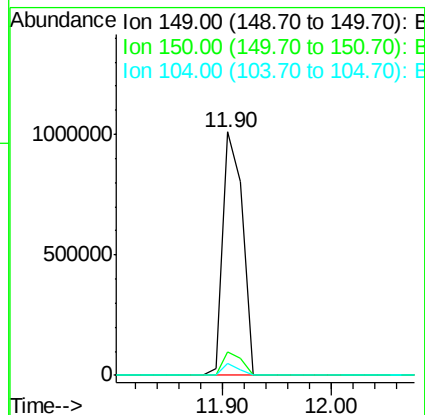
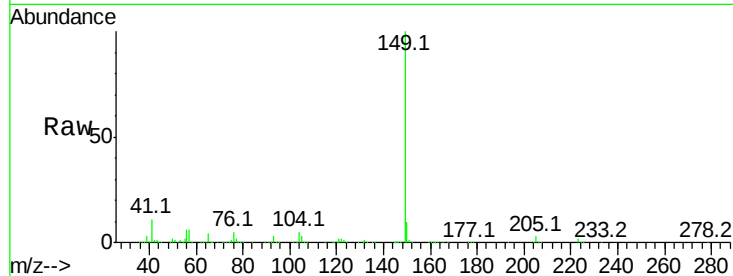
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	4.9	4.6	7.0

Manual Integrations
APPROVED

mohammad
2/28/2017 2:34:51 PM



#74

Fluoranthene

Concen: 36.98 ng

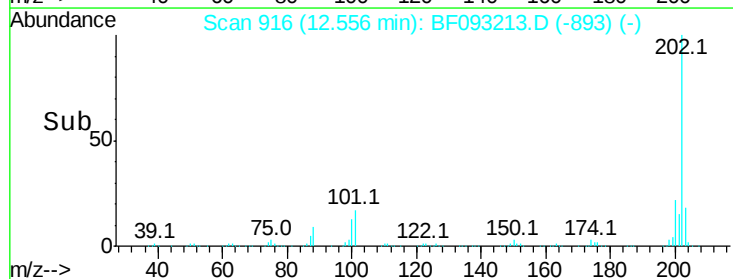
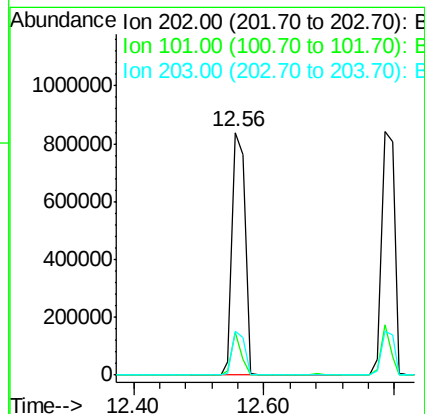
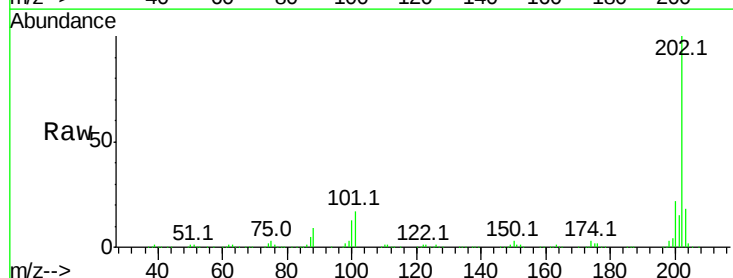
RT: 12.56 min Scan# 916

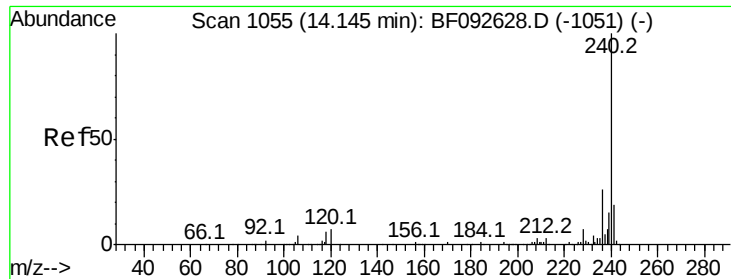
Delta R.T. -0.03 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.3	0.0	34.6
203	18.0	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Instrument :

BNA_F

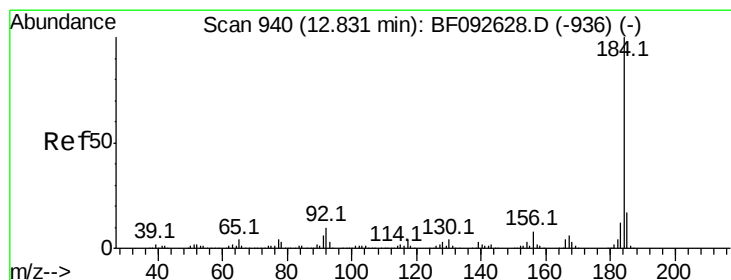
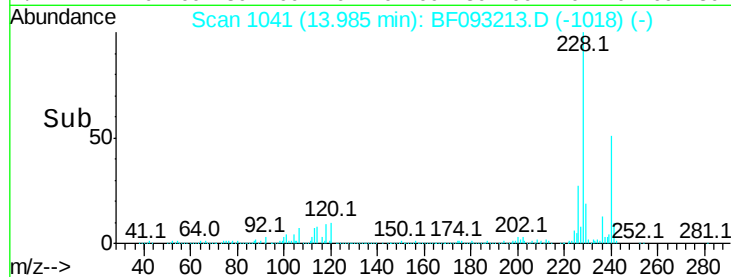
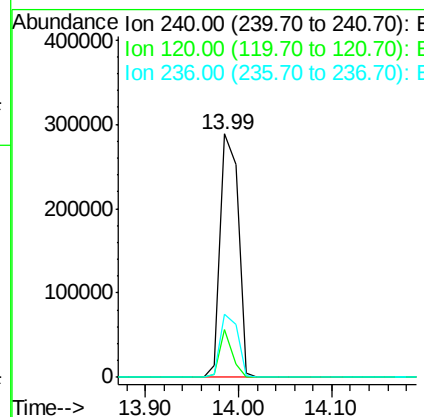
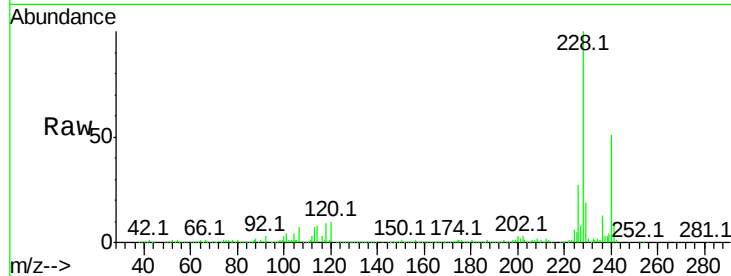
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	19.8	12.9	19.3#
236	25.9	20.9	31.3

Manual Integrations
APPROVED

mohammad
2/28/2017 2:34:51 PM



#76

Benzidine

Concen: 31.00 ng

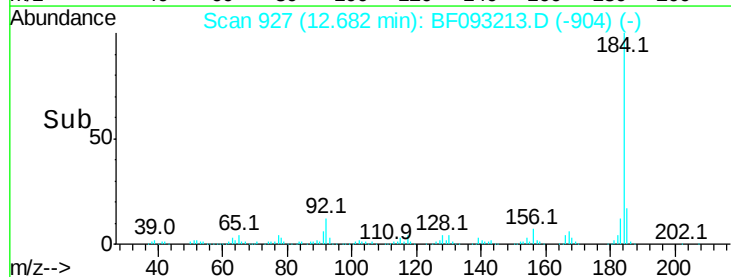
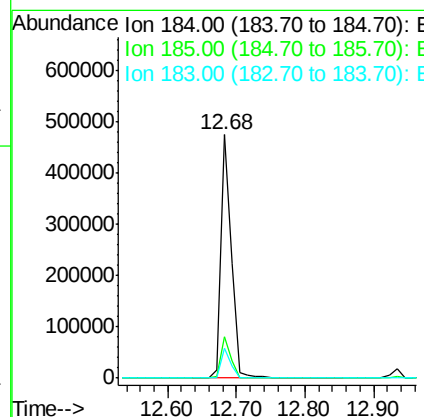
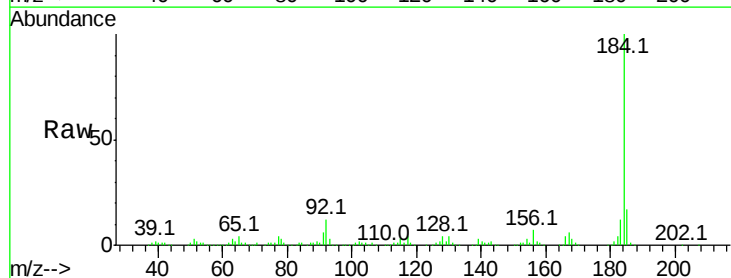
RT: 12.68 min Scan# 927

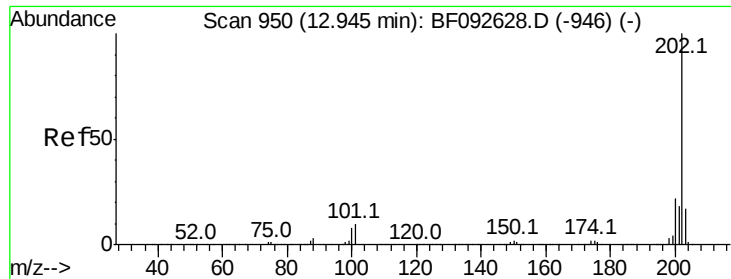
Delta R.T. -0.03 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.8	13.4	20.0
183	12.1	9.2	13.8





#77

Pvrene

Concen: 40.85 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1180885

Ion Ratio Lower Upper

202 100

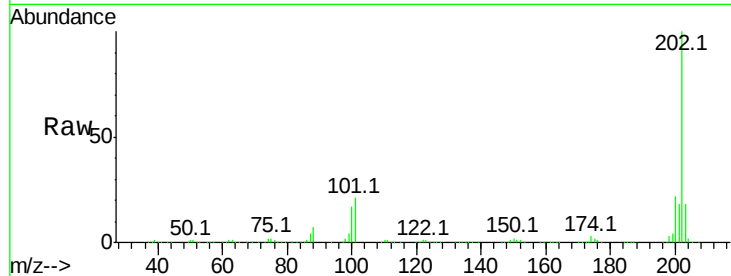
200 22.0 17.7 26.5

203 18.2 14.7 22.1

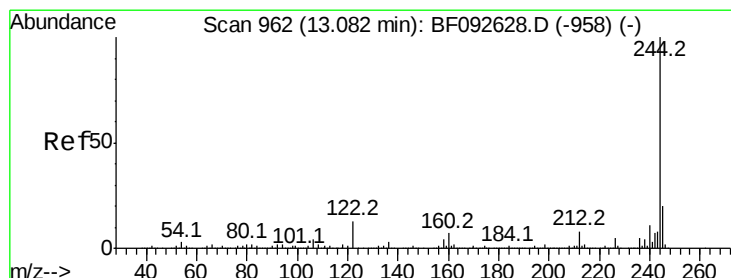
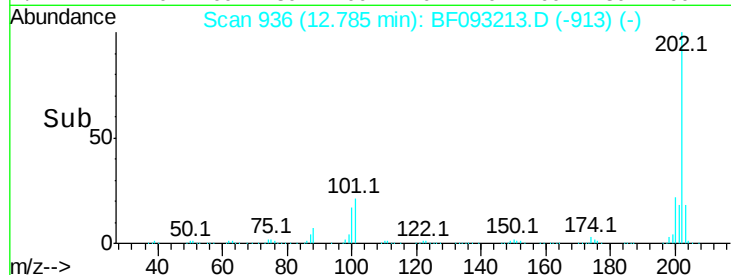
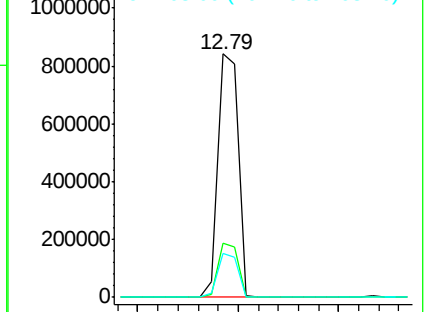
Manual Integrations
APPROVED

mohammad

2/28/2017 2:34:51 PM



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



#78

Terphenyl-d14

Concen: 79.03 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

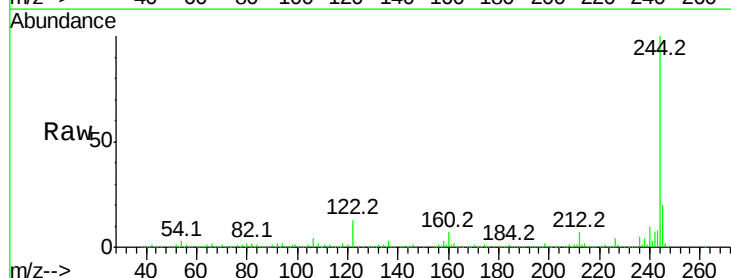
Tgt Ion:244 Resp: 1299337

Ion Ratio Lower Upper

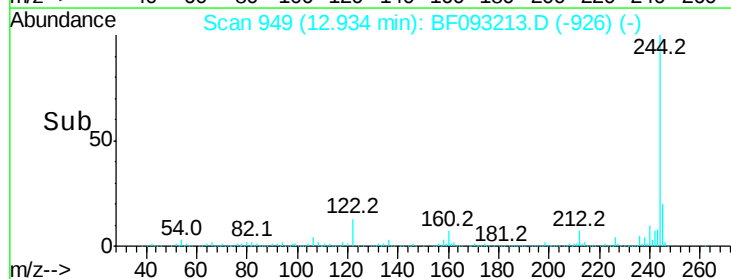
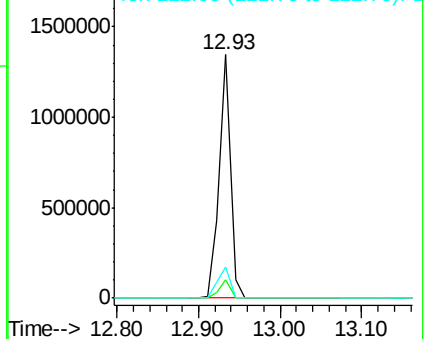
244 100

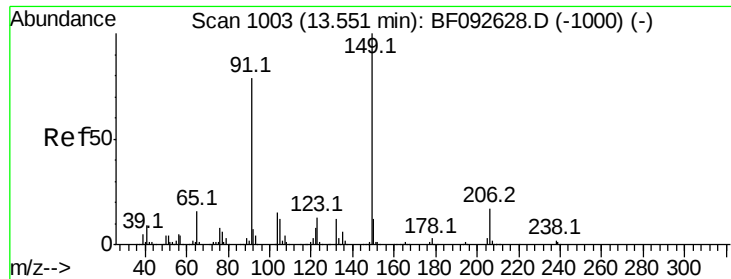
212 7.3 6.2 9.2

122 13.0 11.4 17.2



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





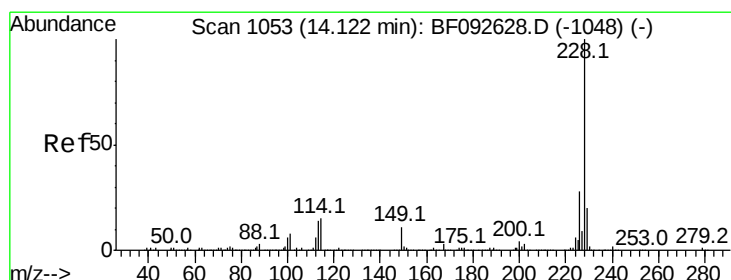
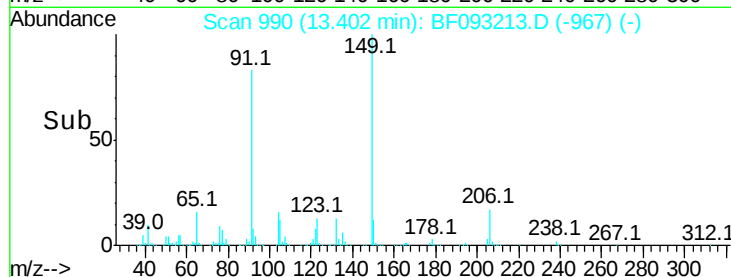
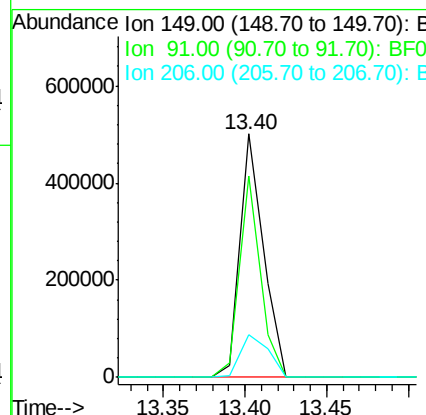
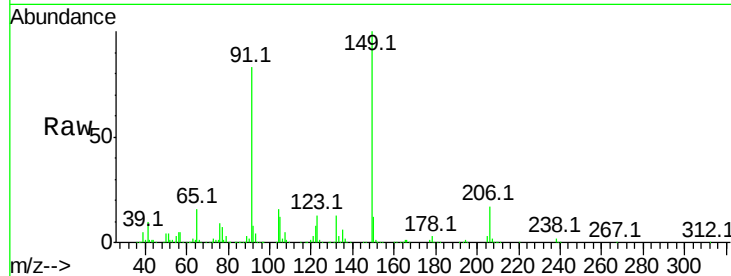
#79
Butylbenzylphthalate
Concen: 42.06 ng
RT: 13.40 min Scan# 990
Delta R.T. -0.03 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	493789		
91	82.9	63.9	95.9	
206	17.3	14.6	21.8	

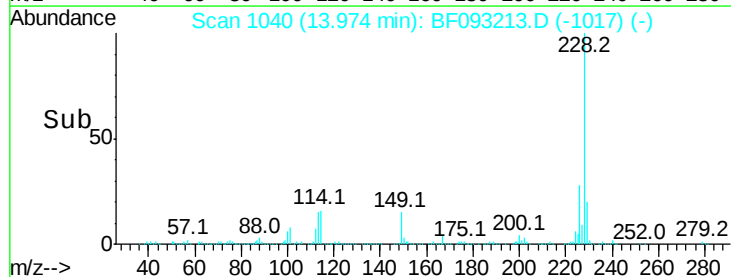
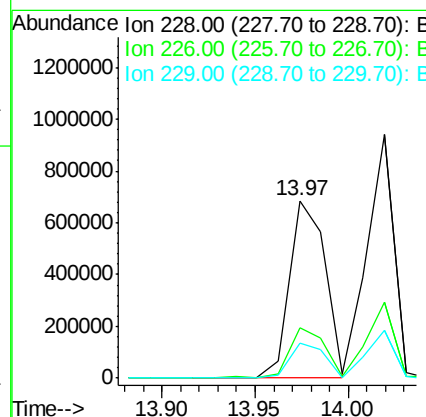
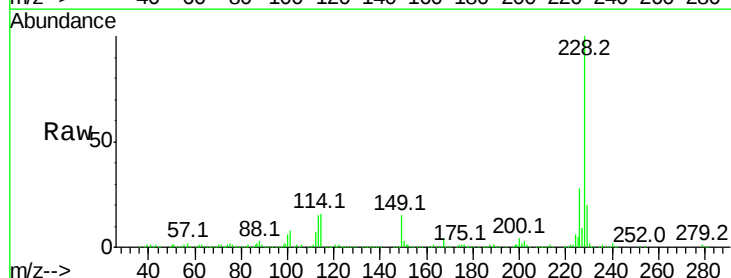
Manual Integrations
APPROVED

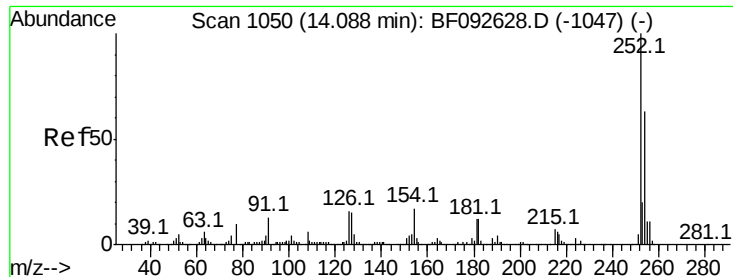
mohammad
2/28/2017 2:34:51 PM



#80
Benzo(a)anthracene
Concen: 38.82 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	917193		
226	28.2	22.4	33.6	
229	20.0	16.2	24.4	





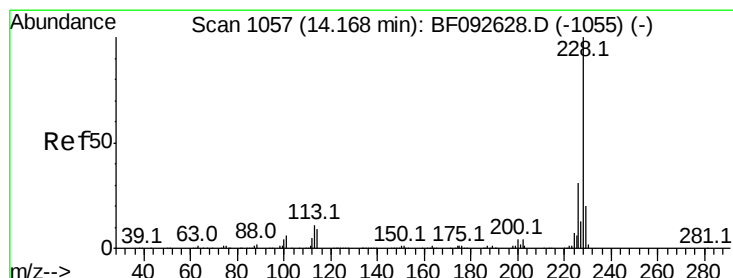
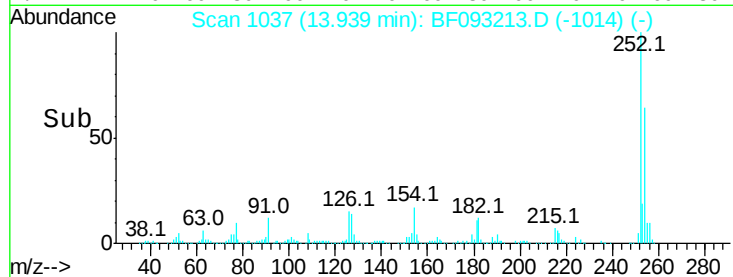
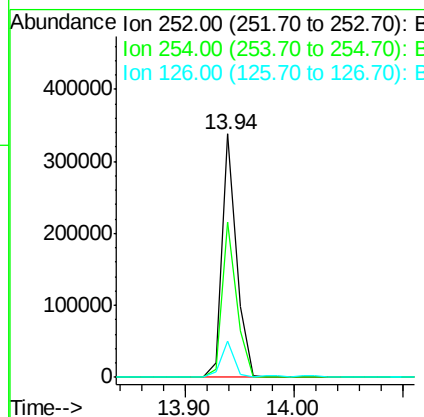
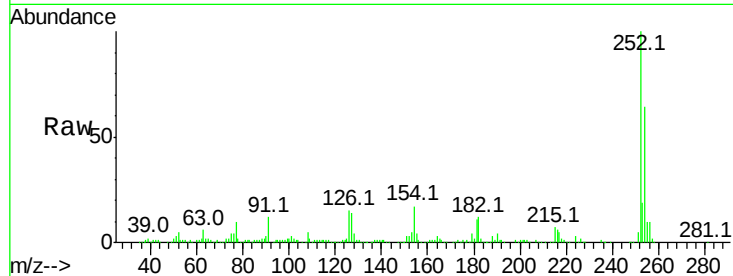
#81
 3,3'-Dichlorobenzidine
 Concen: 37.50 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.03 min
 Lab File: BF093213.D
 Acq: 27 Feb 2017 19:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.6	52.3	78.5
126	15.0	13.6	20.4

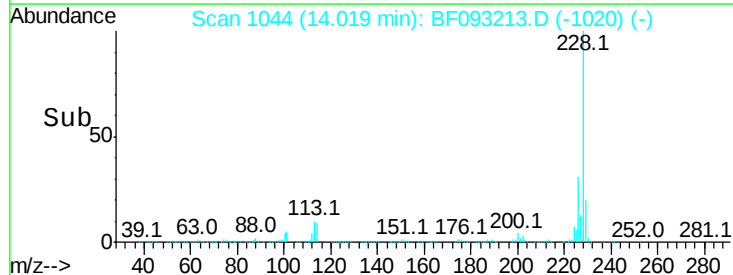
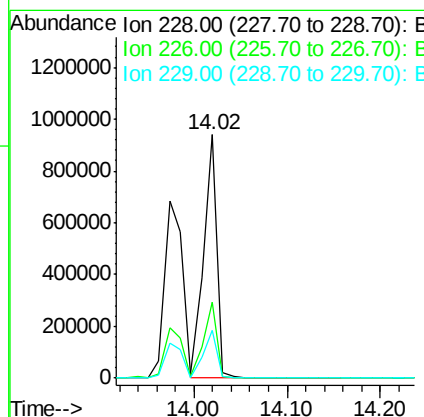
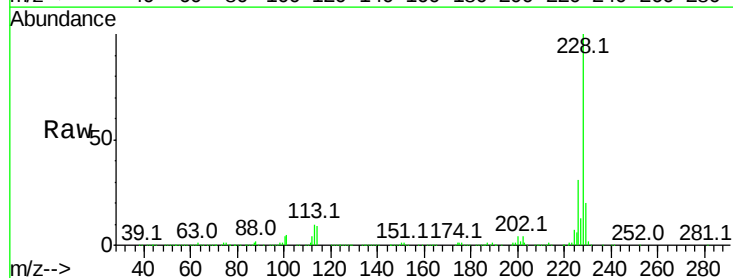
Manual Integrations
 APPROVED

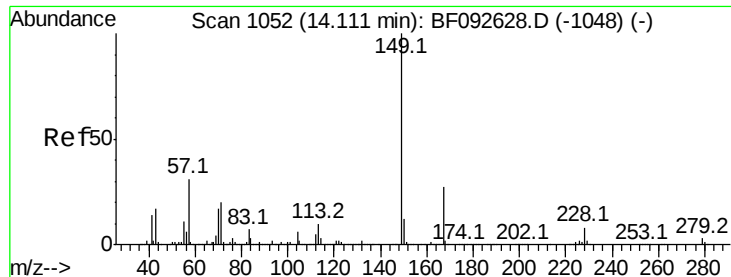
mohammad
 2/28/2017 2:34:51 PM



#82
 Chrysene
 Concen: 42.29 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BF093213.D
 Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.1	25.4	38.0
229	19.8	16.2	24.2





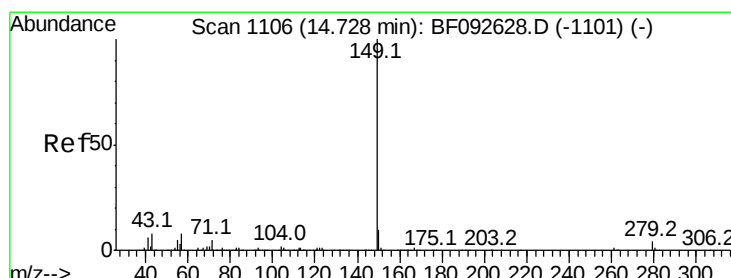
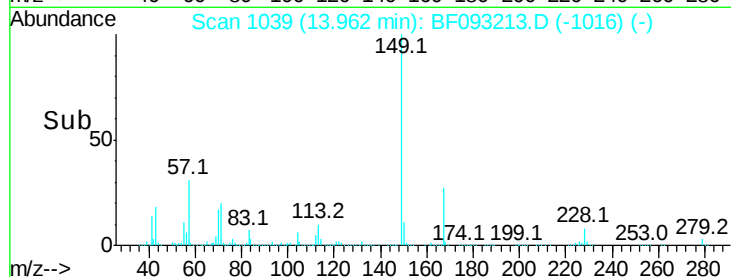
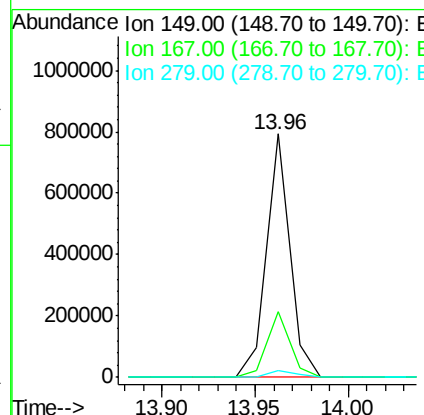
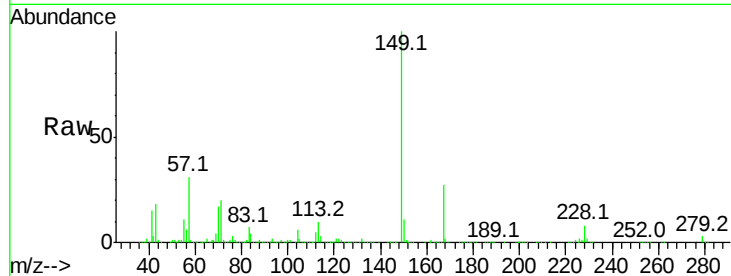
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.67 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.03 min
 Lab File: BF093213.D
 Acq: 27 Feb 2017 19:12

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	20.2	30.4
279	2.6	1.8	2.8

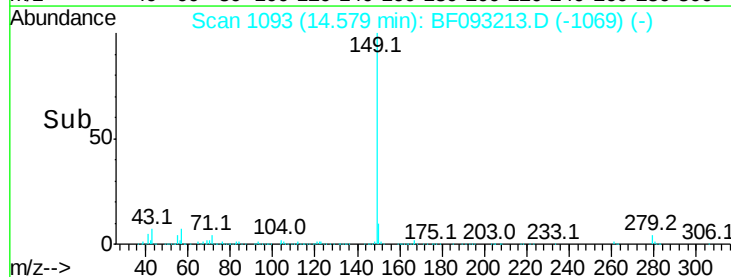
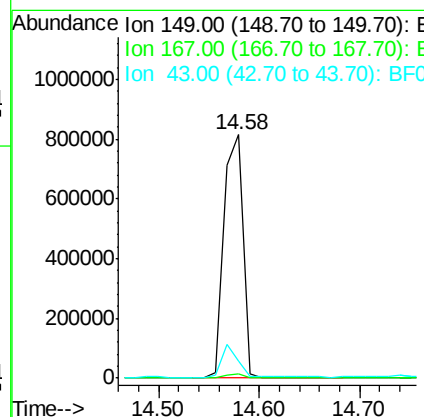
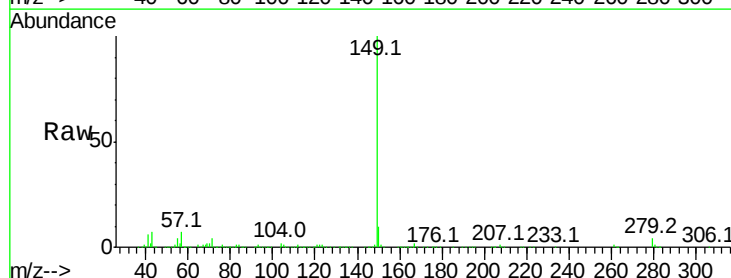
Manual Integrations
 APPROVED

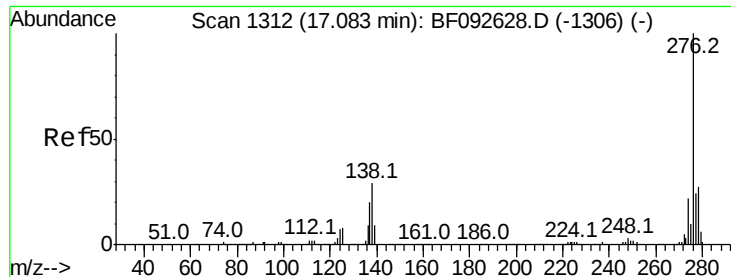
mohammad
 2/28/2017 2:34:51 PM



#84
 Di-n-octyl phthalate
 Concen: 41.05 ng
 RT: 14.58 min Scan# 1093
 Delta R.T. -0.02 min
 Lab File: BF093213.D
 Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.6	8.9	13.3





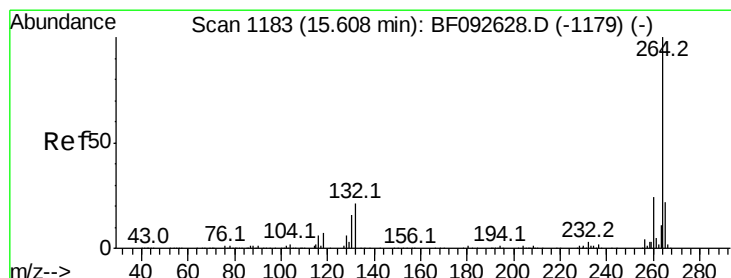
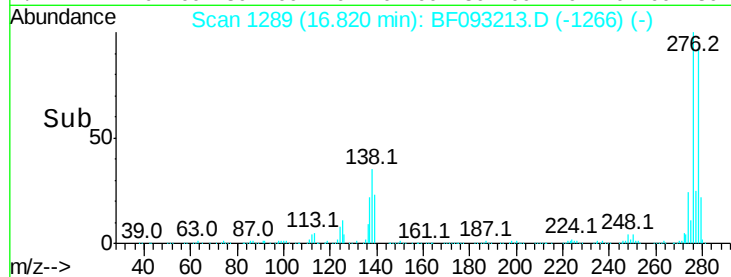
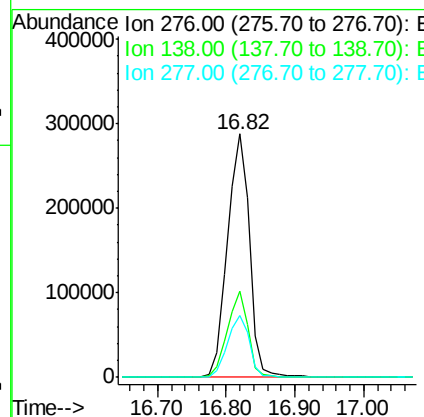
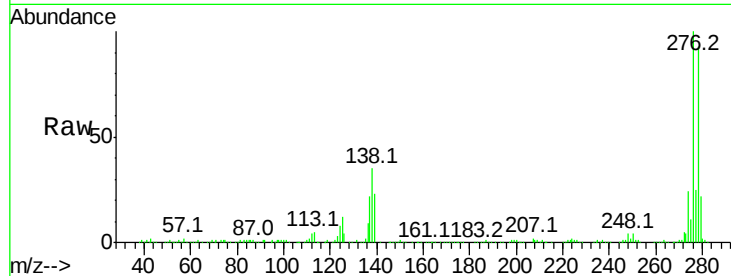
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.33 ng
RT: 16.82 min Scan# 1289
Delta R.T. -0.03 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.7	21.8	32.6
277	25.3	20.2	30.4

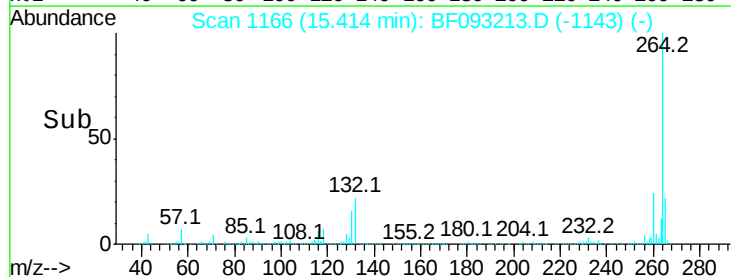
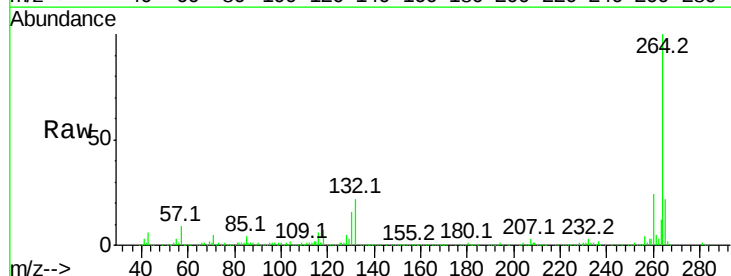
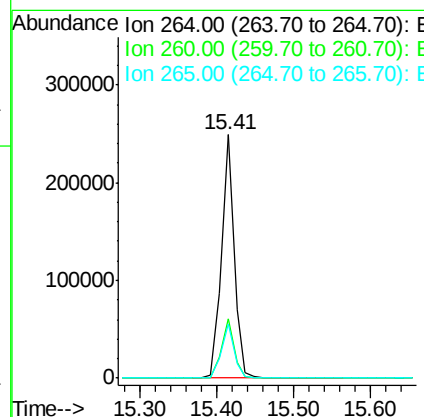
Manual Integrations
APPROVED

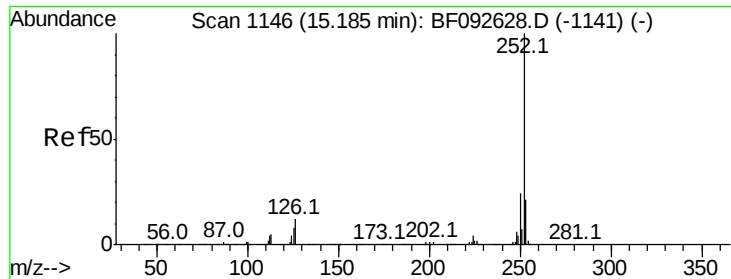
mohammad
2/28/2017 2:34:51 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.1	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 45.03 ng m

RT: 15.01 min Scan# 1131

Delta R.T. -0.02 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Instrument :

BNA_F

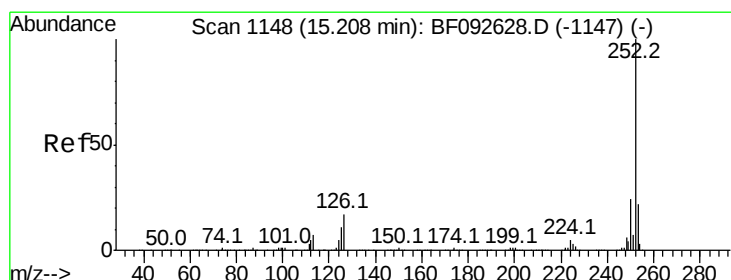
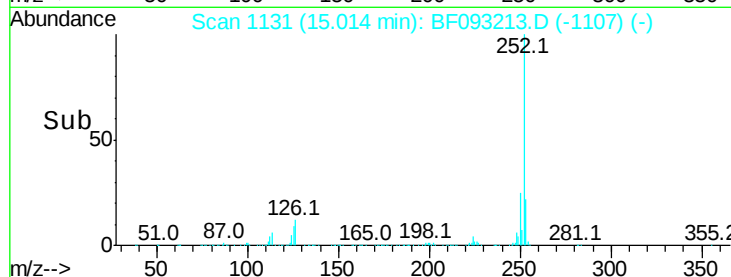
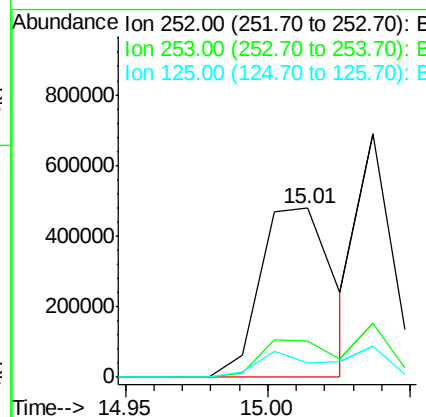
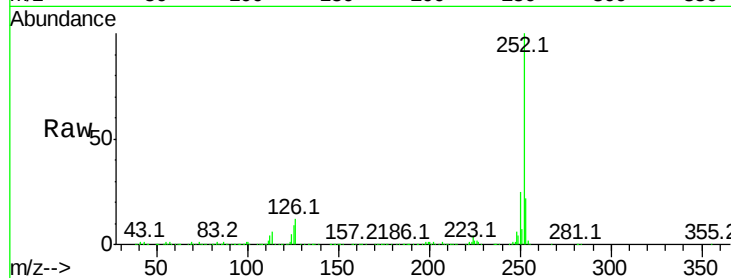
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	8.9	9.8	14.6

Manual Integrations
APPROVED

mohammad
2/28/2017 2:34:51 PM



#88

Benzo(k)fluoranthene

Concen: 35.25 ng m

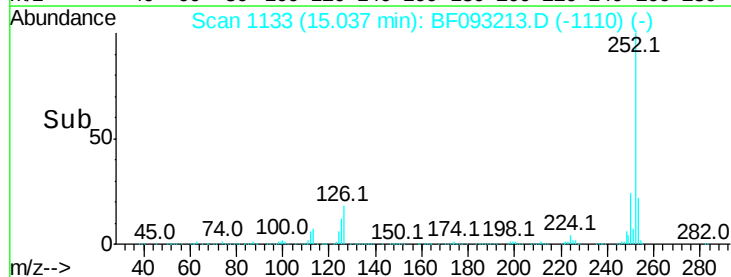
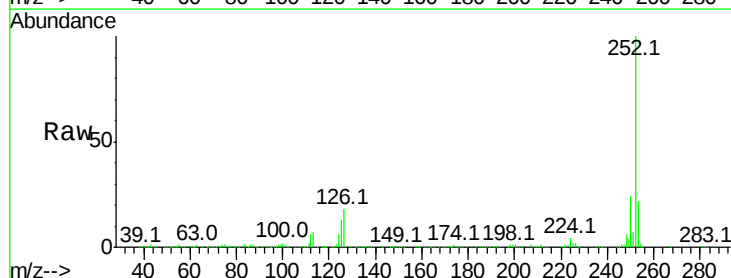
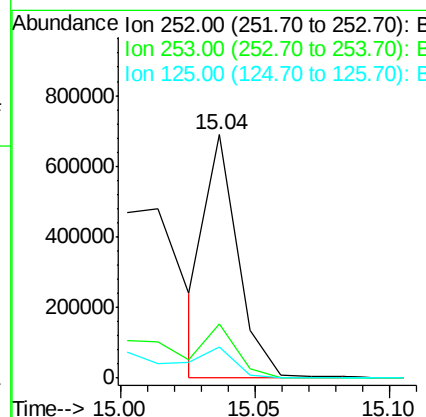
RT: 15.04 min Scan# 1133

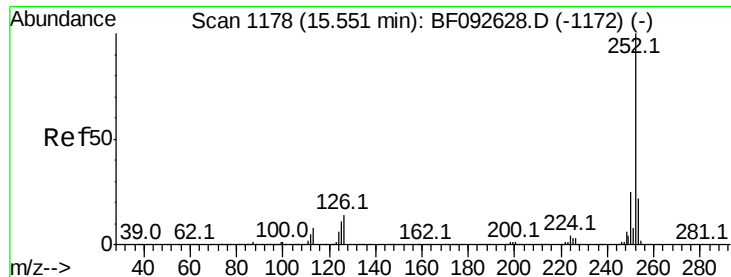
Delta R.T. -0.03 min

Lab File: BF093213.D

Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.5	27.7
125	12.5	8.9	13.3





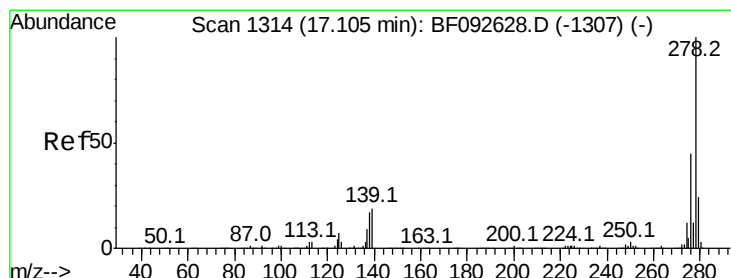
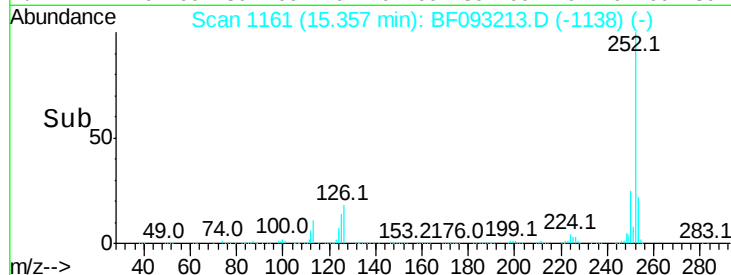
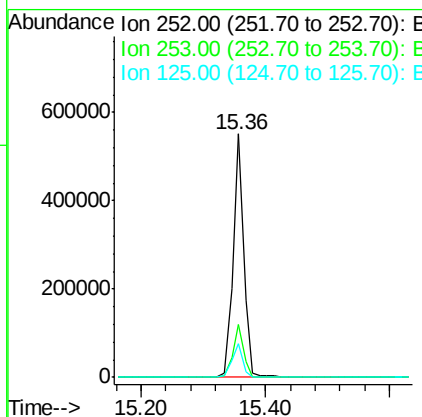
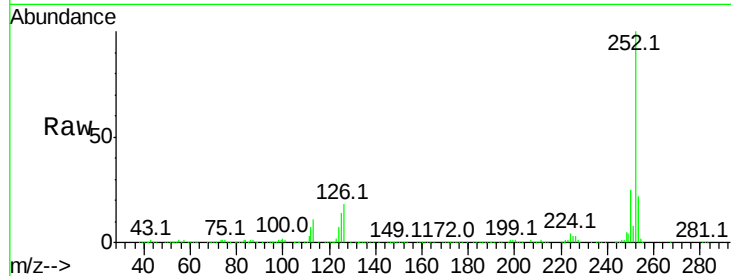
#89
Benzo(a)pyrene
Concen: 40.40 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	664186		
253	21.8		18.2	27.2
125	13.7		10.0	15.0

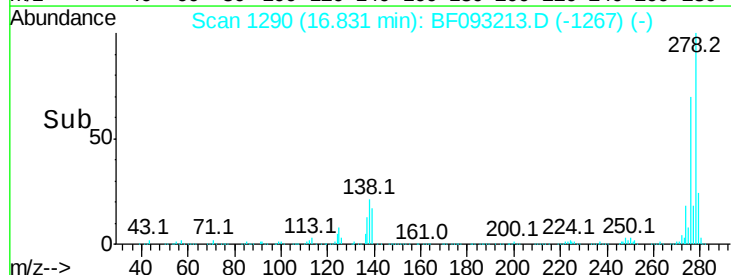
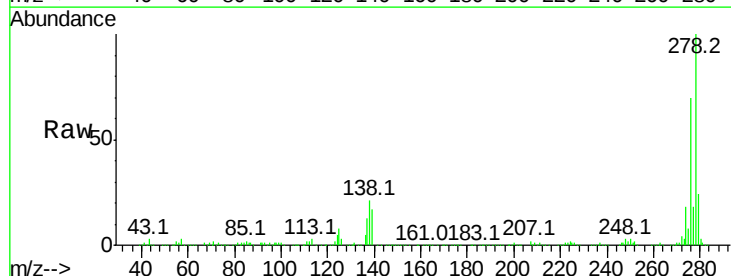
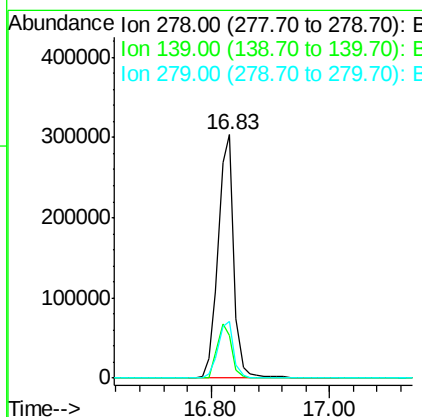
Manual Integrations
APPROVED

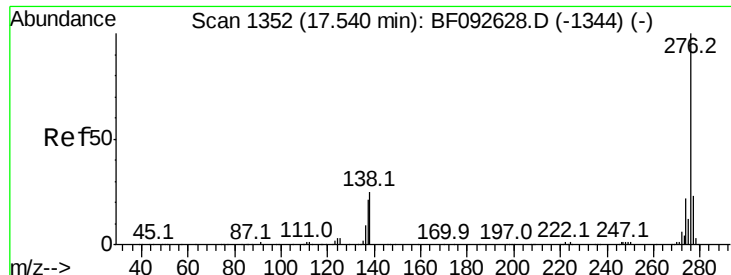
mohammad
2/28/2017 2:34:51 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.10 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF093213.D
Acq: 27 Feb 2017 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	559344		
139	17.5		14.8	22.2
279	23.5		19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 42.75 ng
 RT: 17.24 min Scan# 1326
 Delta R.T. -0.05 min
 Lab File: BF093213.D
 Acq: 27 Feb 2017 19:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.0	19.2	28.8
138	26.2	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 2/28/2017 2:34:51 PM

