

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093180.D
 Acq On : 25 Feb 2017 9:20
 Operator : SJ/MA
 Sample : I1972-21MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z5-BASEMSD

Manual Integrations
 APPROVED

mohammad
 2/27/2017 1:08:29 PM

Quant Time: Feb 27 00:47:41 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	6.83	152	153131	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	588875	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	259018	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	386160	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	317100	20.00	ng	-0.01
86) Perylene-d12	15.44	264	284486	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1041046	116.63	ng	-0.01
7) Phenol-d6	6.49	99	1371932	119.46	ng	0.00
23) Nitrobenzene-d5	7.41	82	920992	87.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	179123	95.61	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1328349	92.91	ng	-0.01
78) Terphenyl-d14	12.96	244	762322	56.49	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.44	88	174736	36.23	ng	# 85
3) Pyridine	3.16	79	363788	29.66	ng	88
4) n-Nitrosodimethylamine	3.12	42	247233	42.93	ng	88
6) Aniline	6.50	93	192138	12.26	ng	# 12
8) 2-Chlorophenol	6.62	128	409845	41.62	ng	94
9) Benzaldehyde	6.37	77	177840	21.61	ng	86
10) Phenol	6.50	94	652308	48.55	ng	# 77
11) bis(2-Chloroethyl)ether	6.58	93	463161	43.19	ng	97
12) 1,3-Dichlorobenzene	6.77	146	465132	40.33	ng	# 94
13) 1,4-Dichlorobenzene	6.85	146	483978	41.46	ng	96
14) 1,2-Dichlorobenzene	7.00	146	414762	37.16	ng	97
15) Benzyl Alcohol	6.99	79	353043	41.52	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	743701	39.91	ng	93
17) 2-Methylphenol	7.10	107	296102	35.05	ng	98
18) Hexachloroethane	7.34	117	141401	35.48	ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	309653	42.36	ng	93
20) 3+4-Methylphenols	7.26	107	400531	39.66	ng	# 75
22) Acetophenone	7.25	105	614701	45.72	ng	# 97
24) Nitrobenzene	7.42	77	450000	41.44	ng	99
25) Isophorone	7.66	82	849974	43.13	ng	97
26) 2-Nitrophenol	7.74	139	228823	44.33	ng	89
27) 2,4-Dimethylphenol	7.79	122	284229	31.36	ng	92
28) bis(2-Chloroethoxy)methane	7.88	93	569341	43.63	ng	100
29) 2,4-Dichlorophenol	7.98	162	335905	39.73	ng	85
30) 1,2,4-Trichlorobenzene	8.06	180	358339	39.33	ng	95
31) Naphthalene	8.14	128	1156786	38.75	ng	99
32) Benzoic acid	7.93	122	1281m	7.38	ng	
33) 4-Chloroaniline	8.20	127	125525	10.72	ng	99
34) Hexachlorobutadiene	8.26	225	183518	36.61	ng	98
35) Caprolactam	8.57	113	110645	41.61	ng	# 36
36) 4-Chloro-3-methylphenol	8.69	107	337203	38.26	ng	97
37) 2-Methylnaphthalene	8.84	142	774374m	40.40	ng	
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	315932	43.45	ng	99
40) Hexachlorocyclopentadiene	8.99	237	76538	23.33	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093180.D
 Acq On : 25 Feb 2017 9:20
 Operator : SJ/MA
 Sample : I1972-21MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z5-BASEMSD

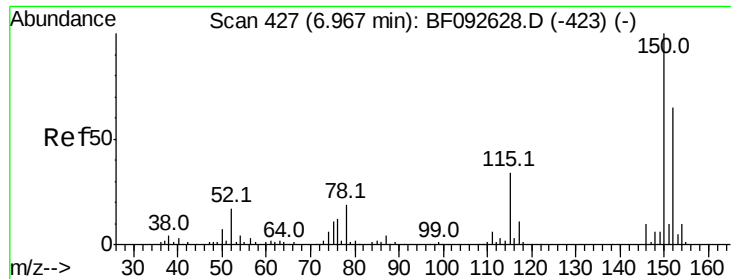
Manual Integrations
 APPROVED

mohammad
 2/27/2017 1:08:29 PM

Quant Time: Feb 27 00:47:41 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	9.13	196	215885	45.19	nq	94
43) 2,4,5-Trichlorophenol	9.17	196	220865	42.19	nq #	87
45) 1,1'-Biphenyl	9.30	154	817876	43.61	nq	96
46) 2-Chloronaphthalene	9.32	162	668543	45.57	nq	94
47) 2-Nitroaniline	9.42	65	216459	43.88	nq	88
48) Acenaphthylene	9.74	152	1065743	42.05	nq	99
49) Dimethylphthalate	9.61	163	1030214	59.05	nq	99
50) 2,6-Dinitrotoluene	9.68	165	185300	49.18	nq	93
51) Acenaphthene	9.92	154	626719	41.36	nq	97
52) 3-Nitroaniline	9.84	138	127265	29.51	nq	86
53) 2,4-Dinitrophenol	9.96	184	5310	7.34	nq #	64
54) Dibenzofuran	10.09	168	906014	44.70	nq	93
55) 4-Nitrophenol	10.02	139	184336	59.36	nq	87
56) 2,4-Dinitrotoluene	10.08	165	183930	36.67	nq #	87
57) Fluorene	10.43	166	685971	43.99	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.21	232	148281	42.46	nq	94
59) Diethylphthalate	10.30	149	737795	44.87	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	291596	38.92	nq	92
61) 4-Nitroaniline	10.45	138	137426	31.12	nq	93
62) Azobenzene	10.58	77	776136	45.69	nq	97
64) 4,6-Dinitro-2-methylphenol	10.49	198	24316	12.44	nq #	29
65) n-Nitrosodiphenylamine	10.54	169	602775	48.86	nq	100
66) 4-Bromophenyl-phenylether	10.91	248	178925	44.35	nq	94
67) Hexachlorobenzene	10.98	284	162366	40.73	nq	96
68) Atrazine	11.07	200	162458	41.04	nq	100
69) Pentachlorophenol	11.17	266	121683	61.00	nq	97
70) Phenanthrene	11.39	178	879645	39.76	nq	98
71) Anthracene	11.45	178	840443	37.83	nq	97
72) Carbazole	11.60	167	738570	34.78	nq	99
73) Di-n-butylphthalate	11.93	149	1007434	43.86	nq #	98
74) Fluoranthene	12.58	202	813129	35.63	nq	97
76) Benzidine	12.71	184	144671	10.71	nq	97
77) Pyrene	12.81	202	796434	33.56	nq	99
79) Butylbenzylphthalate	13.43	149	366794	38.06	nq	96
80) Benzo(a)anthracene	14.00	228	711011	36.66	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	176421	25.52	nq #	96
82) Chrysene	14.03	228	600336	33.06	nq	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	510802	38.76	nq #	97
84) Di-n-octyl phthalate	14.59	149	895816	41.74	nq	98
85) Indeno(1,2,3-cd)pyrene	16.85	276	534472	38.00	nq #	92
87) Benzo(b)fluoranthene	15.04	252	814836m	43.52	nq	
88) Benzo(k)fluoranthene	15.06	252	506349m	31.32	nq	
89) Benzo(a)pyrene	15.38	252	589904	36.42	nq #	96
90) Dibenzo(a,h)anthracene	16.87	278	467423	35.71	nq	98
91) Benzo(g,h,i)perylene	17.28	276	421099	31.84	nq #	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Instrument :

BNA_F

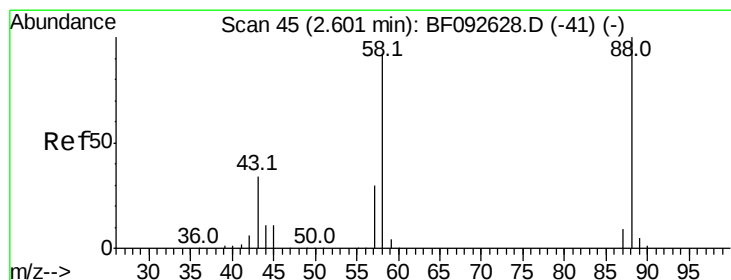
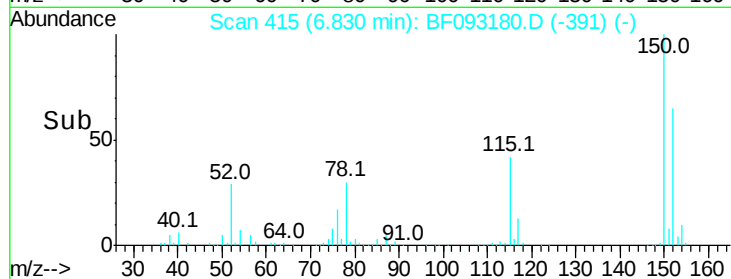
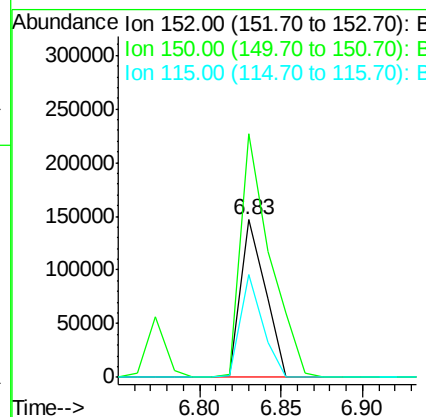
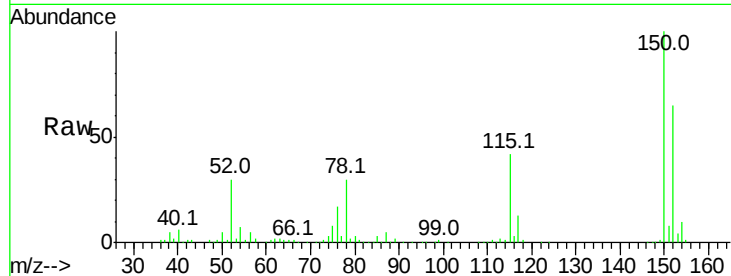
ClientSampleId :

E2-Z5-BASEMSD

Tot Ion:	152	Resp:	153131
Ion Ratio	Lower	Upper	
152	100		
150	154.5	124.9	187.3
115	65.3	46.0	69.0

Manual Integrations
APPROVED

mohammad
2/27/2017 1:08:29 PM



#2

1,4-Dioxane

Concen: 36.23 ng

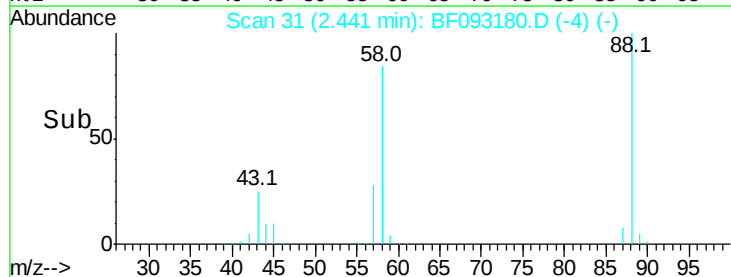
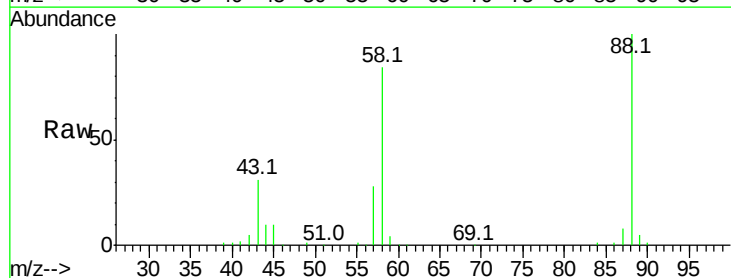
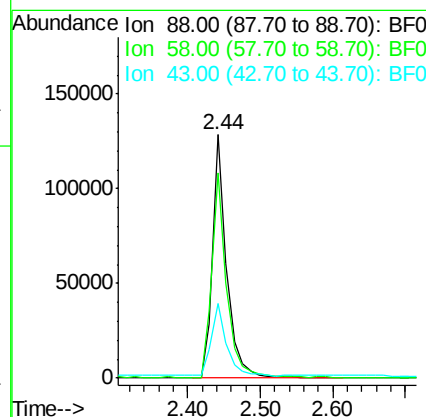
RT: 2.44 min Scan# 31

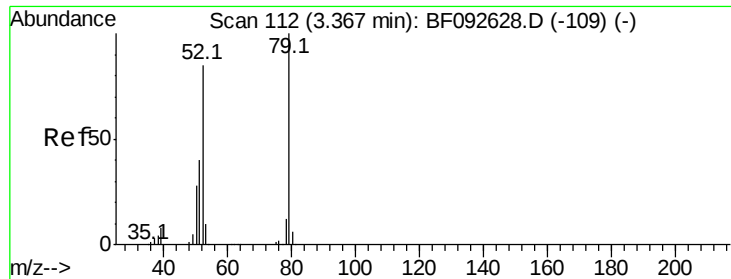
Delta R.T. 0.01 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Tgt Ion:	88	Resp:	174736
Ion Ratio	Lower	Upper	
88	100		
58	87.5	57.8	86.8#
43	32.0	22.3	33.5





#3

Pvridine

Concen: 29.66 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.01 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Instrument :

BNA_F

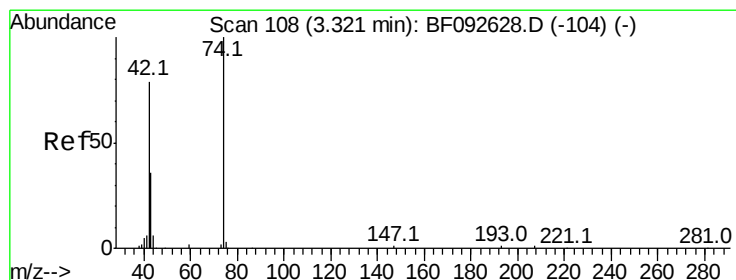
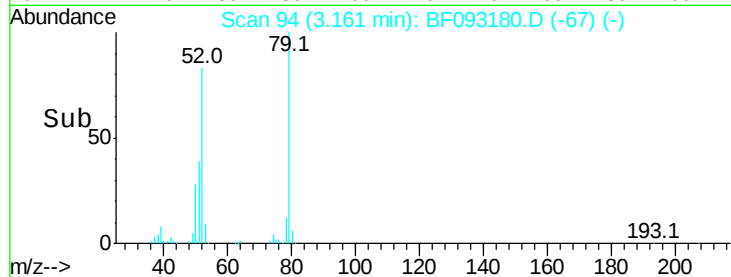
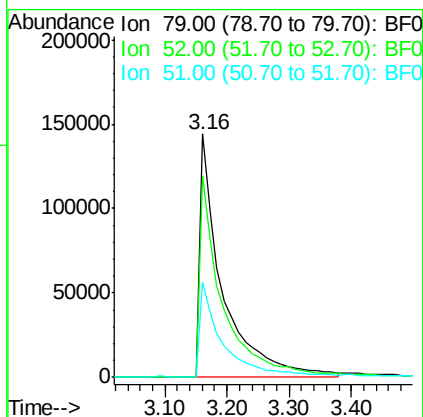
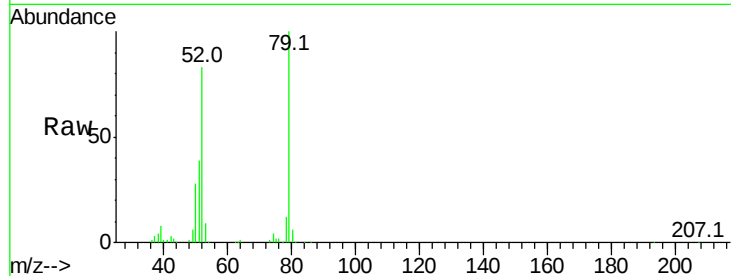
ClientSampleId :

E2-Z5-BASEMSD

Tot Ion:	79	Resp:	363788
Ion Ratio	Lower	Upper	
79	100		
52	82.6	57.1	85.7
51	39.1	27.3	40.9

Manual Integrations
APPROVED

mohammad
2/27/2017 1:08:29 PM



#4

n-Nitrosodimethylamine

Concen: 42.93 ng

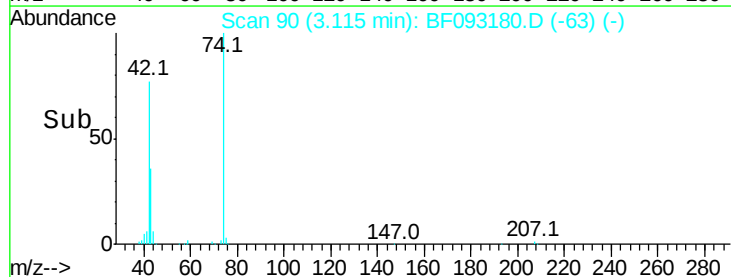
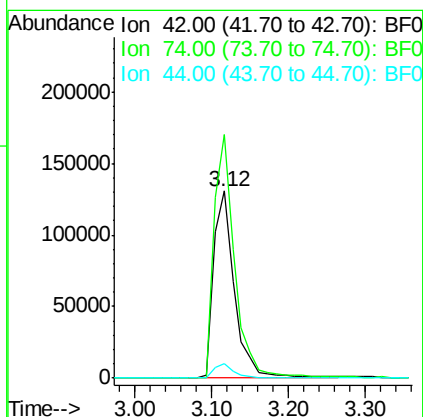
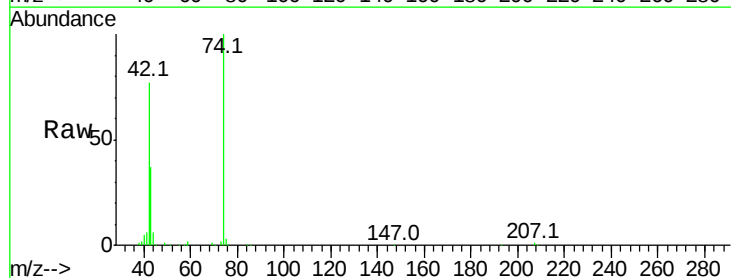
RT: 3.12 min Scan# 90

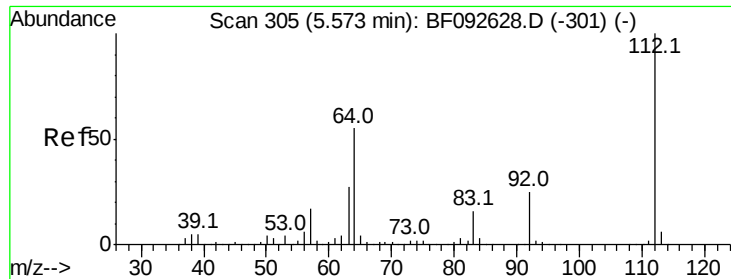
Delta R.T. 0.01 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Tgt Ion:	42	Resp:	247233
Ion Ratio	Lower	Upper	
42	100		
74	130.3	117.0	175.4
44	7.8	5.5	8.3





#5

2-Fluorophenol

Concen: 116.63 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Instrument :

BNA_F

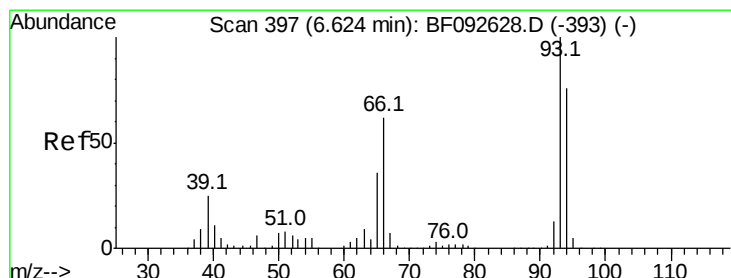
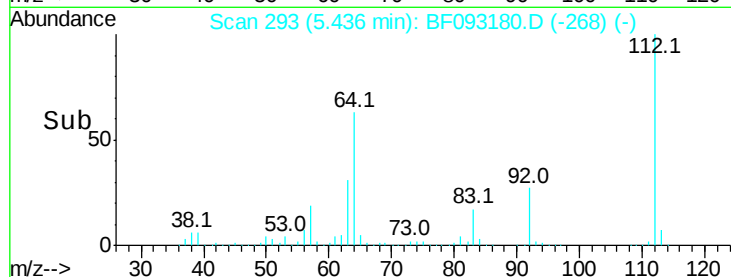
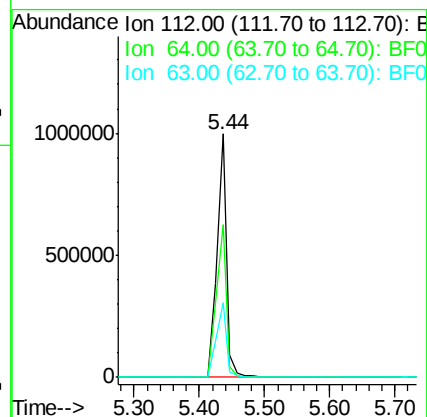
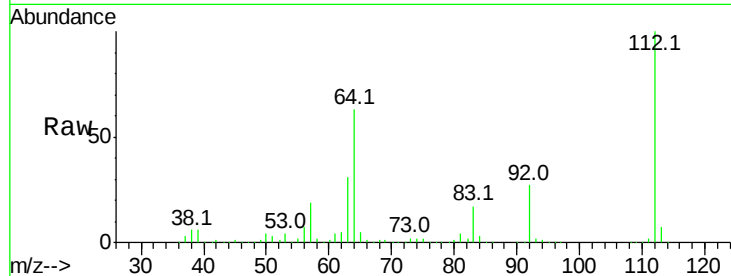
ClientSampleId :

E2-Z5-BASEMSD

Tot Ion:	112	Resp:	1041046
Ion	Ratio	Lower	Upper
112	100		
64	62.5	46.1	69.1
63	30.8	23.8	35.6

Manual Integrations
APPROVED

mohammad
2/27/2017 1:08:29 PM



#6

Aniline

Concen: 12.26 ng

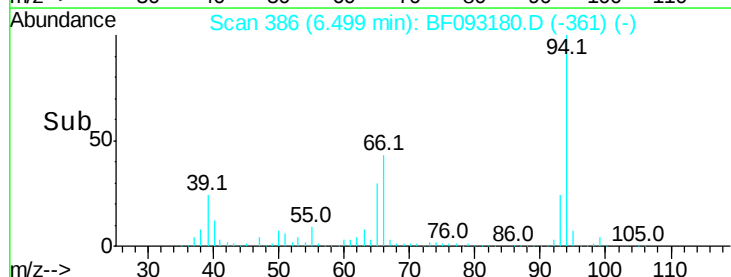
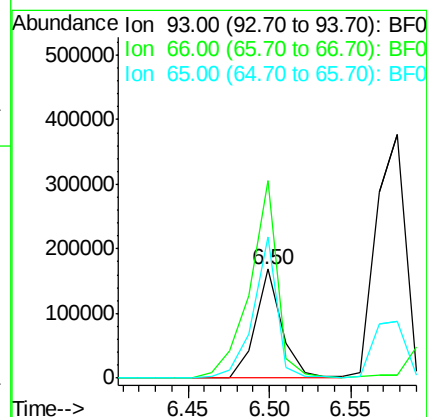
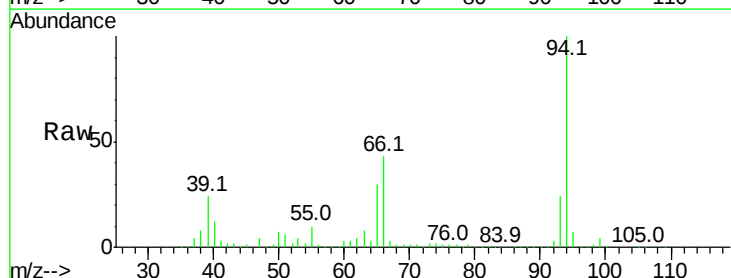
RT: 6.50 min Scan# 386

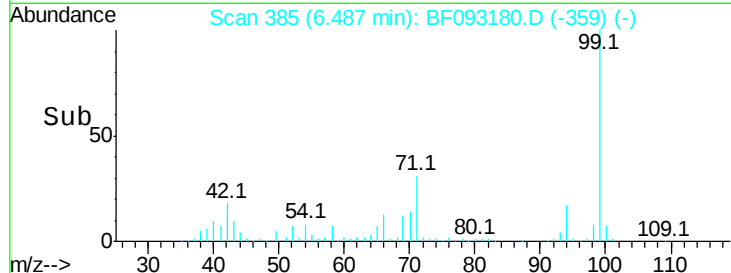
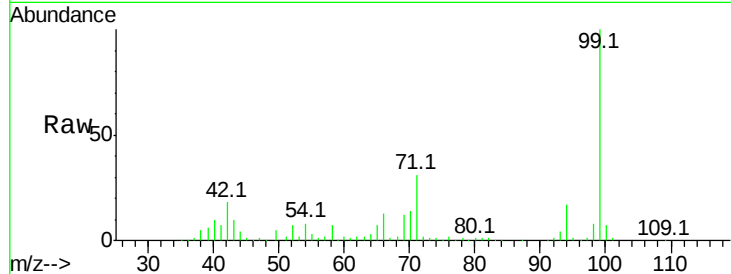
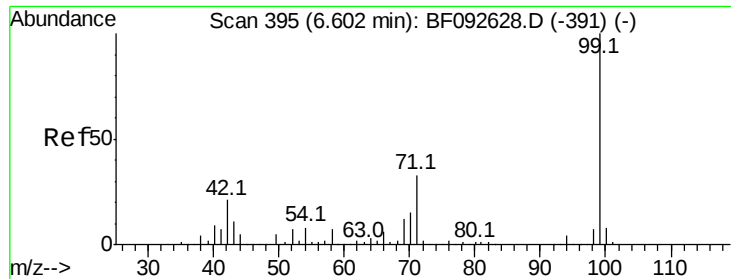
Delta R.T. -0.01 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Tgt Ion:	93	Resp:	192138
Ion	Ratio	Lower	Upper
93	100		
66	181.4	76.2	114.2#
65	129.3	49.3	73.9#





#7

Phenol-d6

Concen: 119.46 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

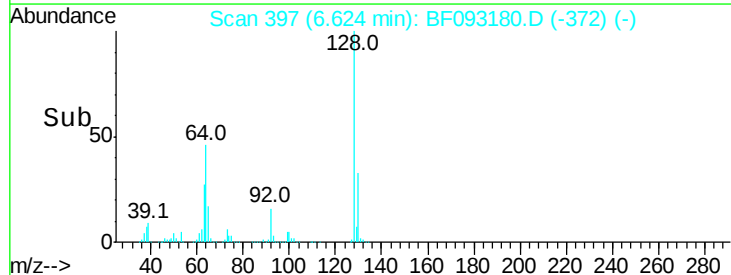
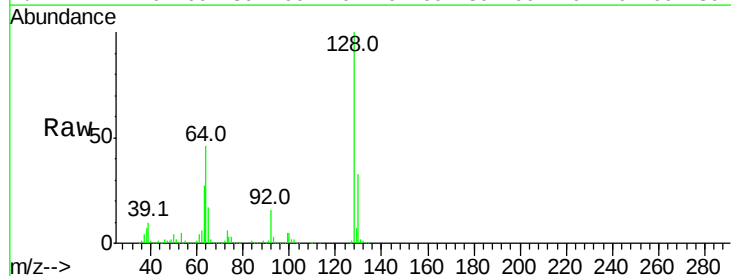
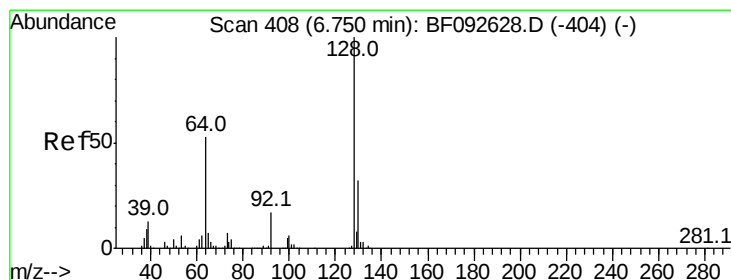
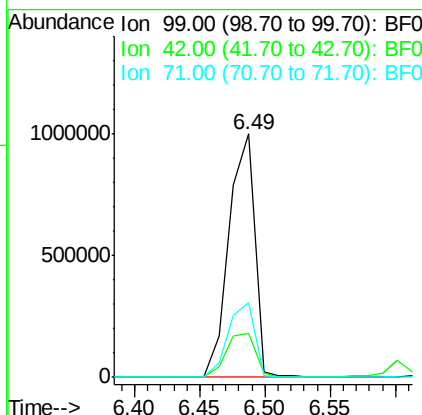
Tot Ion: 99 Resp: 1371932

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.6	23.4
71	30.6	27.5	41.3

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMSD

Manual Integrations
APPROVED

mohammad
2/27/2017 1:08:29 PM



#8

2-Chlorophenol

Concen: 41.62 ng

RT: 6.62 min Scan# 397

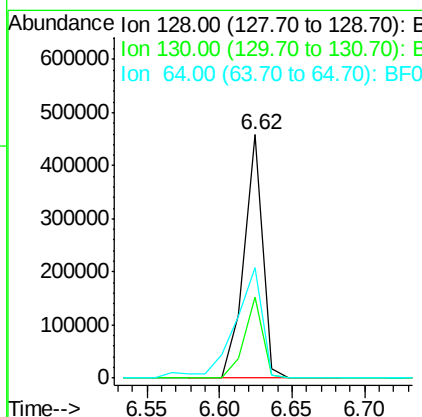
Delta R.T. -0.01 min

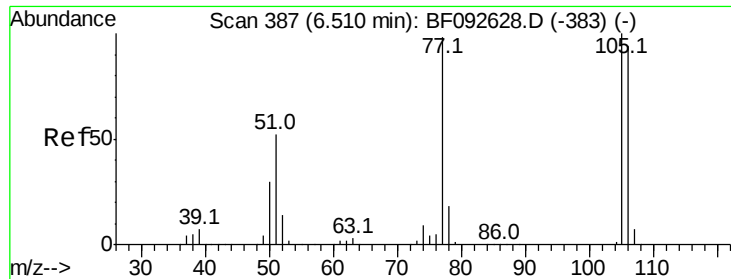
Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Tgt Ion: 128 Resp: 409845

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.3	52.3
64	45.6	32.2	72.2





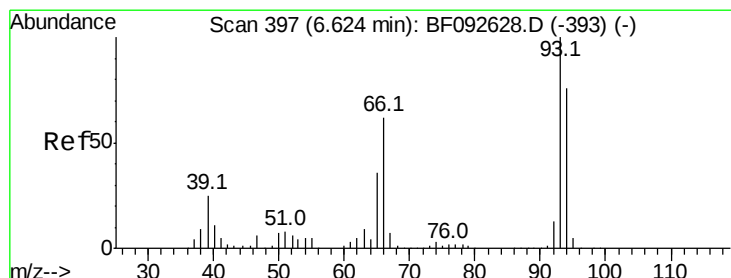
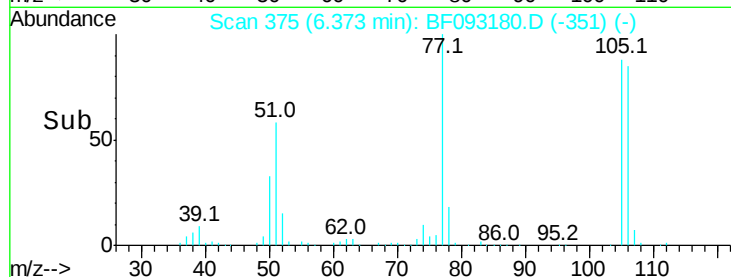
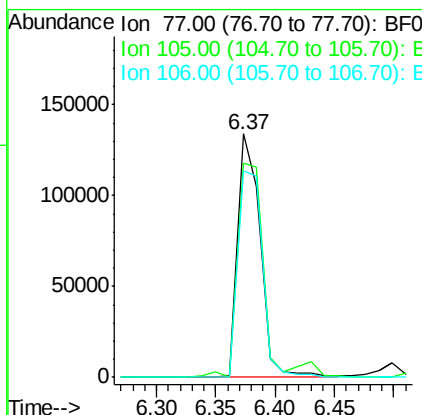
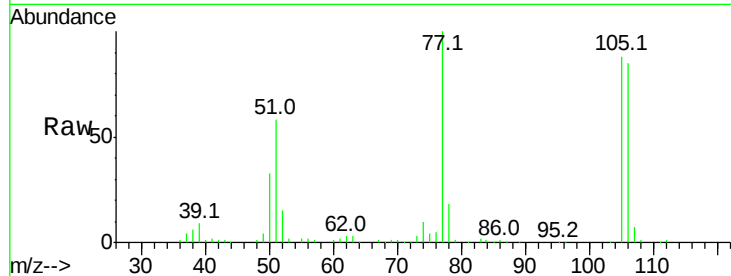
#9
Benzaldehyde
Concen: 21.61 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.02 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	88.0	83.9	123.9
106	84.8	77.6	117.6

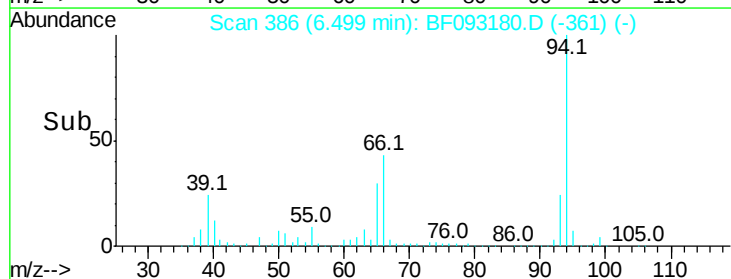
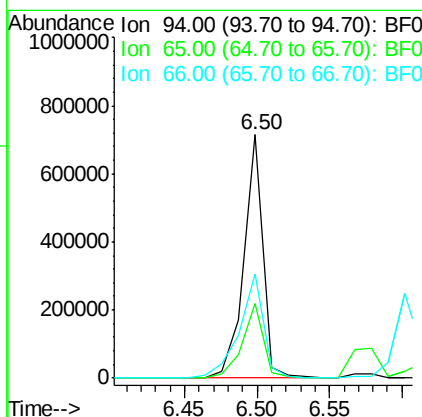
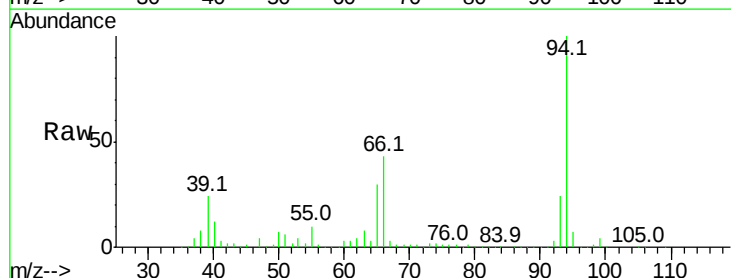
Manual Integrations
APPROVED

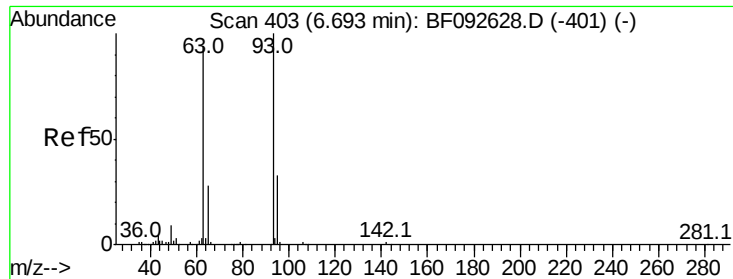
mohammad
2/27/2017 1:08:29 PM



#10
Phenol
Concen: 48.55 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.4	21.4	61.4
66	42.7	44.0	84.0#





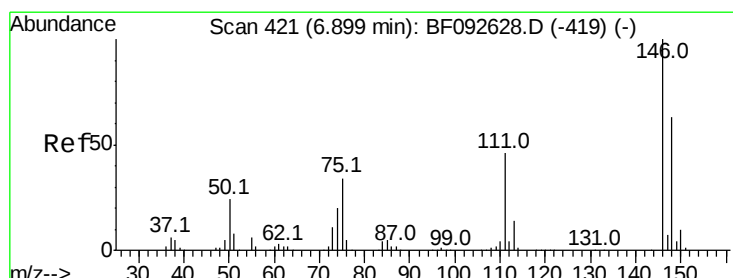
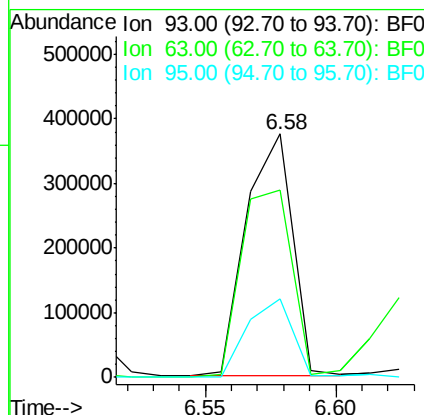
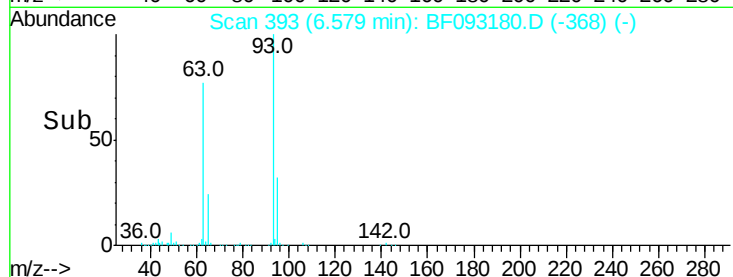
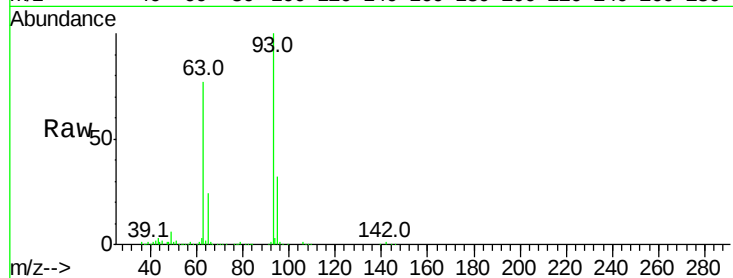
#11
bis(2-Chloroethyl)ether
Concen: 43.19 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMSD

Tot Ion	93	Resp	463161
Ion Ratio	100	Lower	Upper
93	100		
63	77.2	60.4	100.4
95	32.2	12.8	52.8

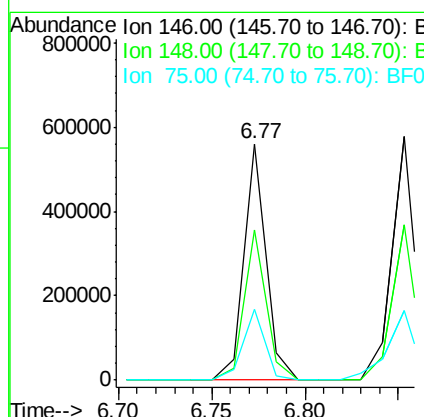
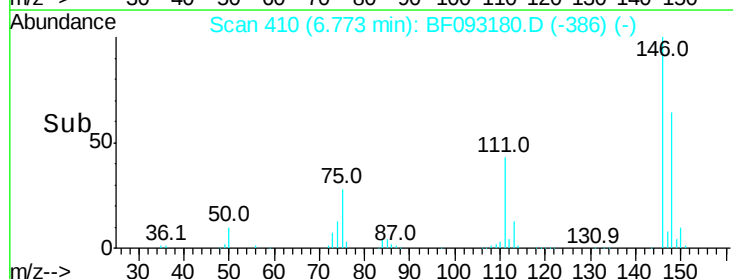
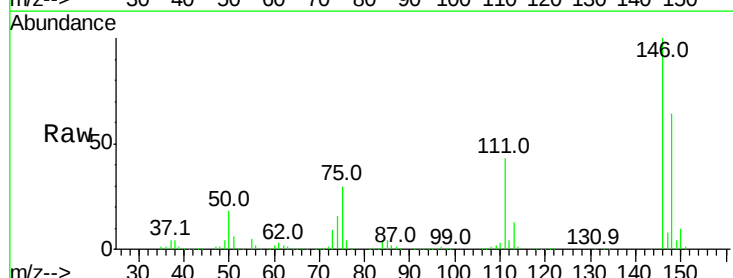
Manual Integrations
APPROVED

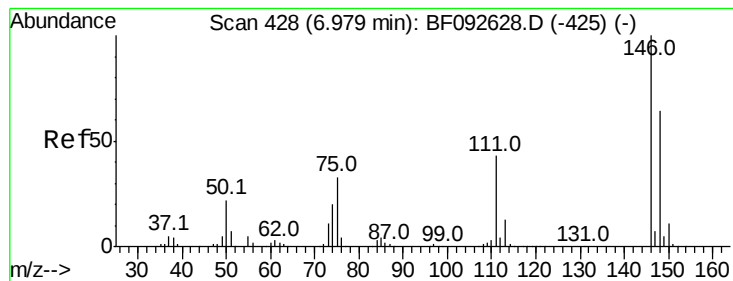
mohammad
2/27/2017 1:08:29 PM



#12
1,3-Dichlorobenzene
Concen: 40.33 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.02 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Tgt Ion	146	Resp	465132
Ion Ratio	100	Lower	Upper
146	100		
148	63.8	53.4	80.0
75	29.9	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 41.46 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Instrument :

BNA_F

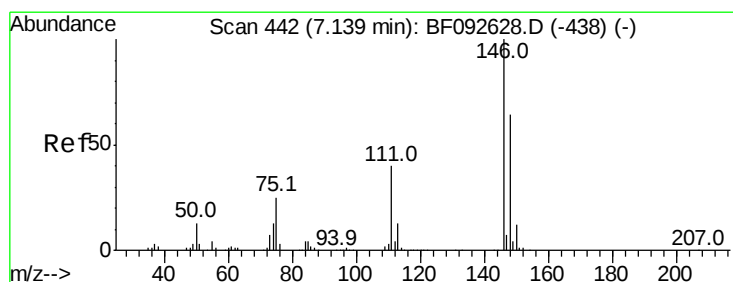
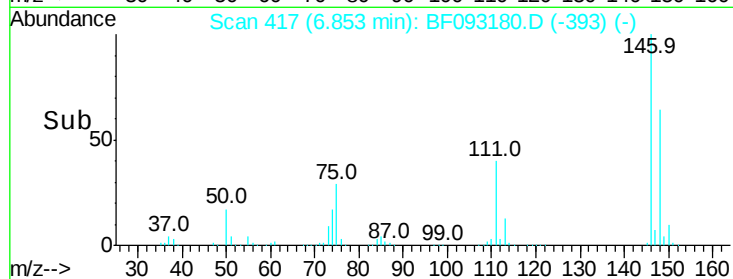
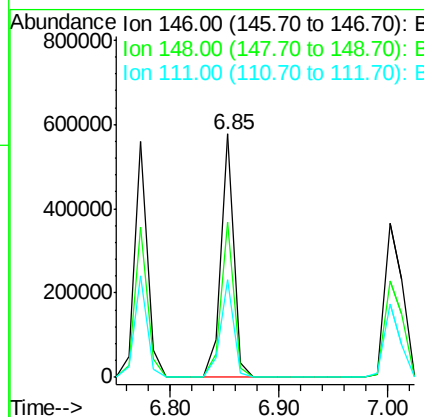
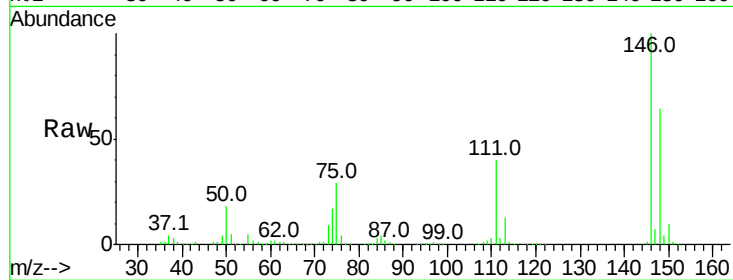
ClientSampleId :

E2-Z5-BASEMSD

Tot Ion:	146	Resp:	483978
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.6	76.0
111	40.0	36.2	54.4

Manual Integrations
APPROVED

mohammad
2/27/2017 1:08:29 PM



#14

1,2-Dichlorobenzene

Concen: 37.16 ng

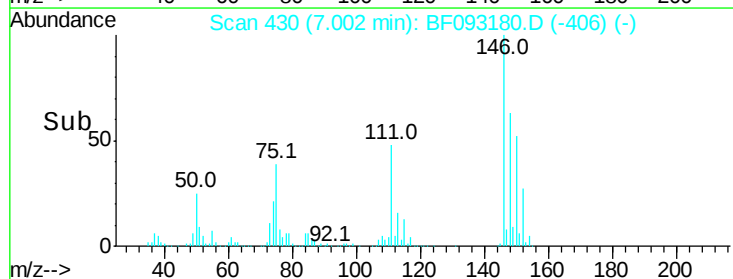
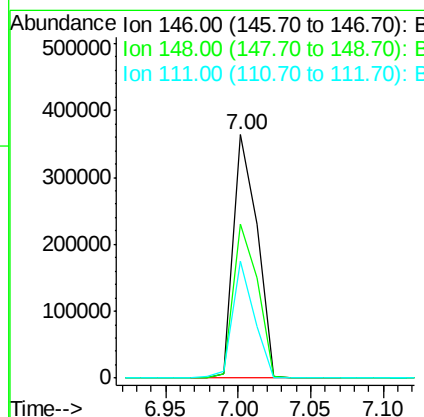
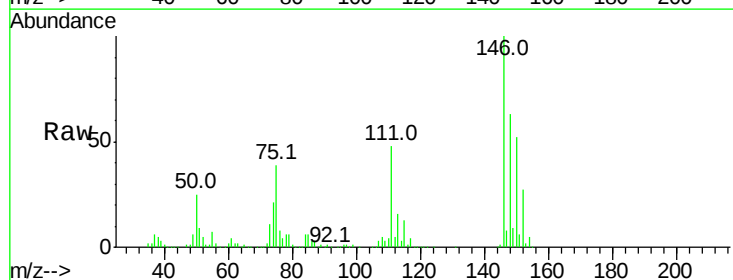
RT: 7.00 min Scan# 430

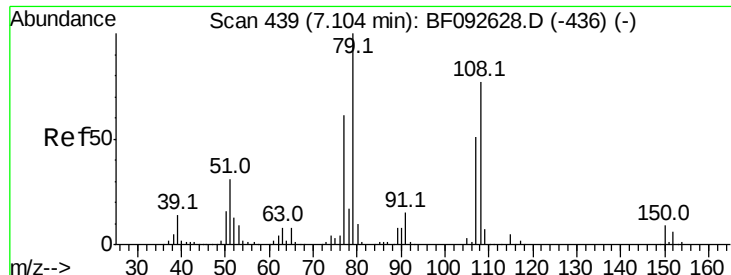
Delta R.T. -0.02 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Tgt Ion:	146	Resp:	414762
Ion Ratio	Lower	Upper	
146	100		
148	63.1	52.2	78.2
111	47.9	36.2	54.2





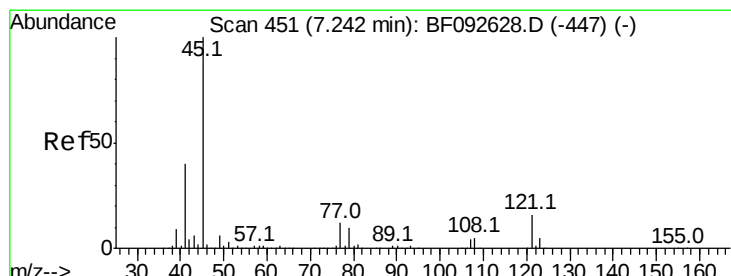
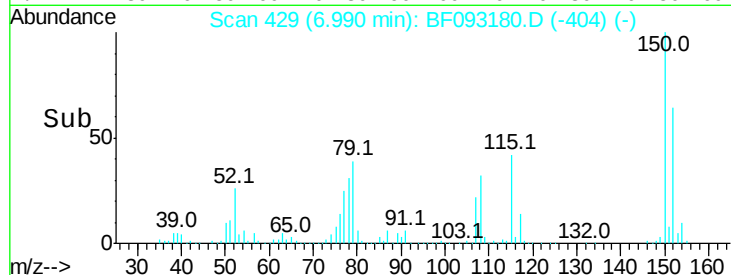
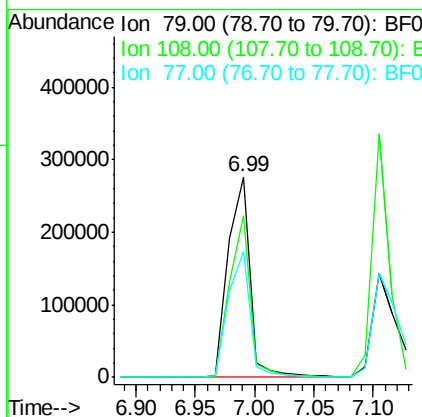
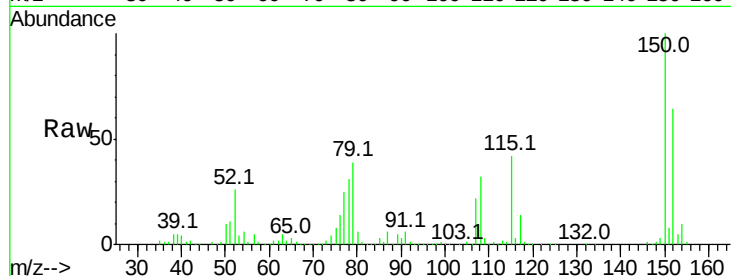
#15
Benzyl Alcohol
Concen: 41.52 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.6	61.4	92.0
77	62.9	50.9	76.3

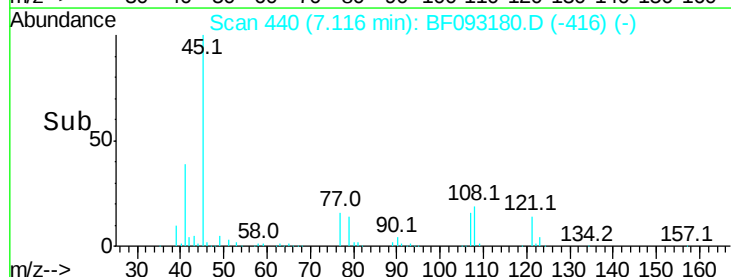
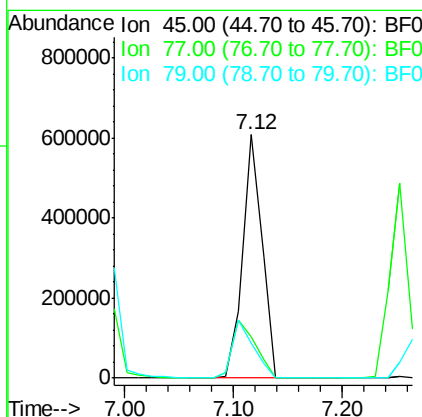
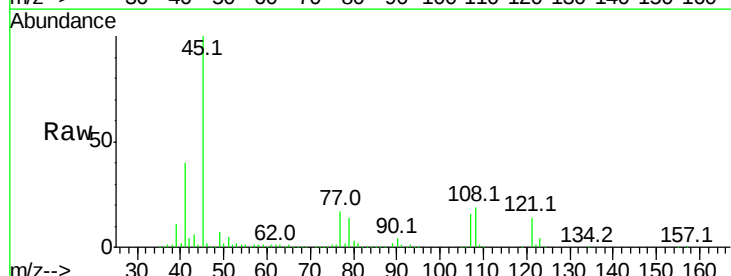
Manual Integrations
APPROVED

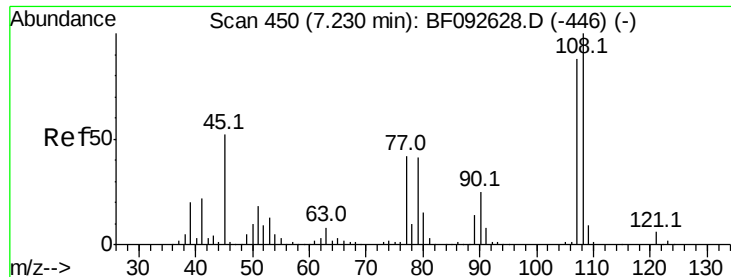
mohammad
2/27/2017 1:08:29 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.91 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.0	34.6
79	14.5	0.0	31.2





#17

2-Methylphenol

Concen: 35.05 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Instrument :

BNA_F

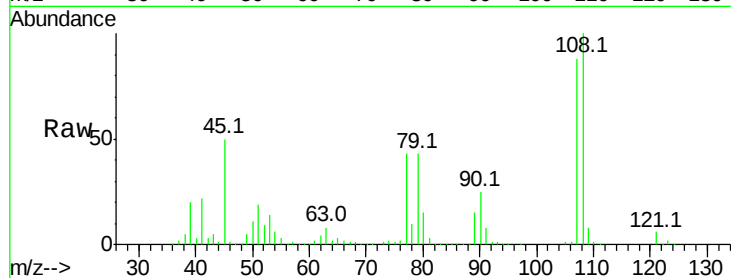
ClientSampleId :

E2-Z5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	296102		
108	113.6	93.0	139.6	
77	48.7	39.8	59.8	
79	48.6	38.0	57.0	

Manual Integrations
APPROVED

mohammad
2/27/2017 1:08:29 PM

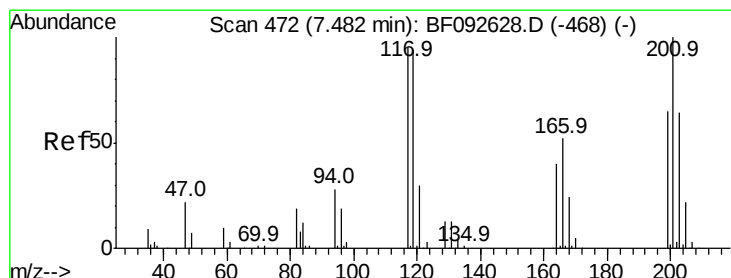
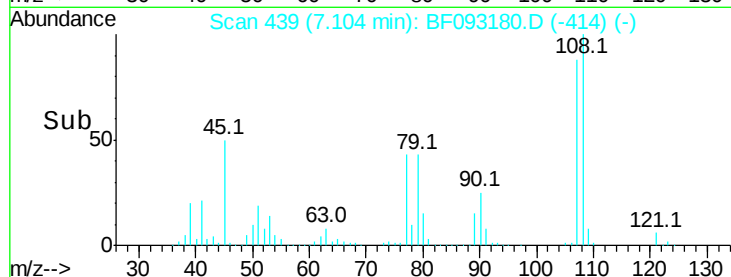
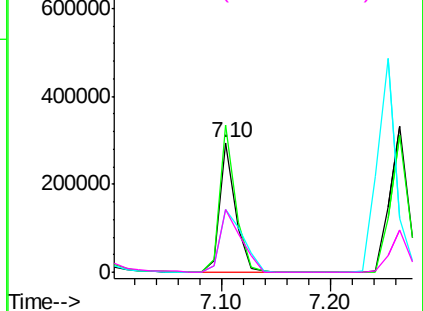


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 35.48 ng

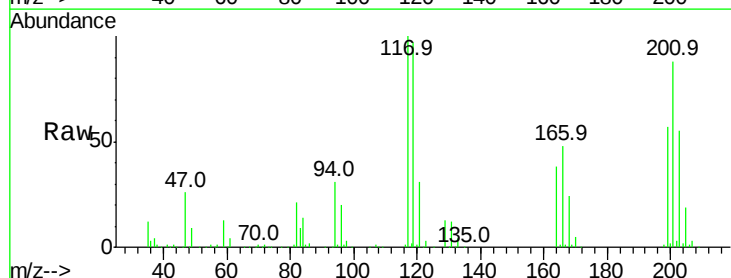
RT: 7.34 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

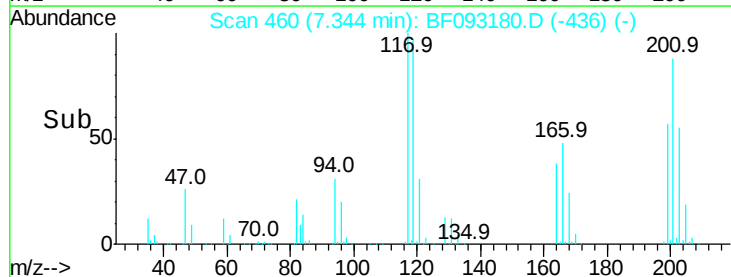
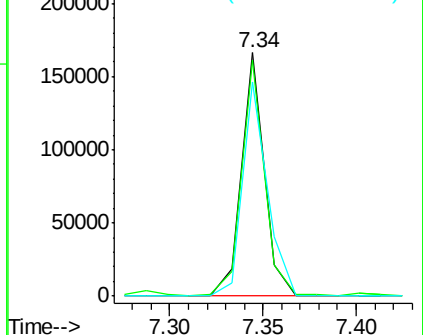
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	141401		
119	96.8	78.1	117.1	
201	87.8	78.6	117.8	

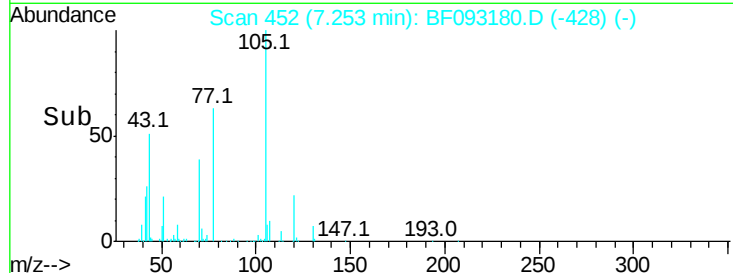
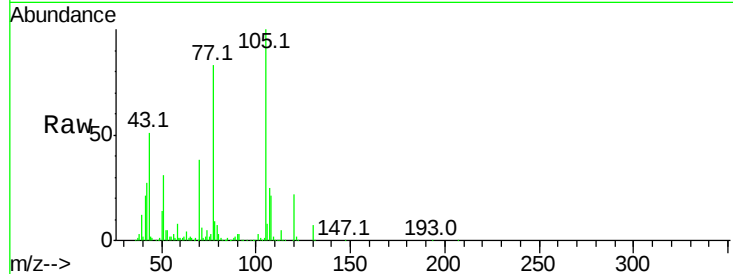
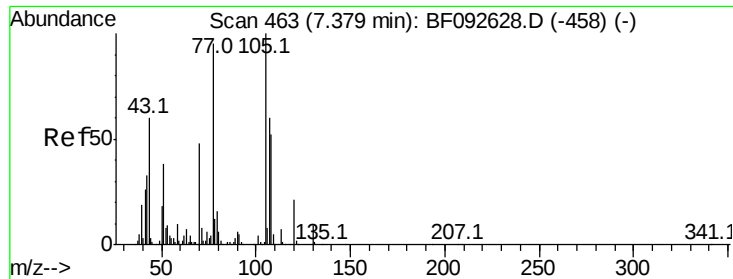


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





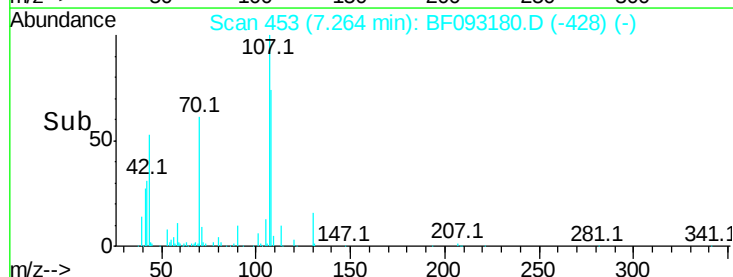
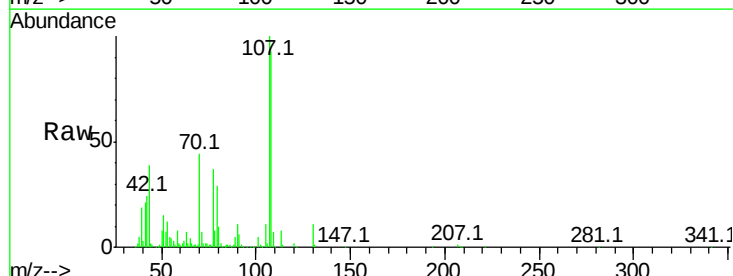
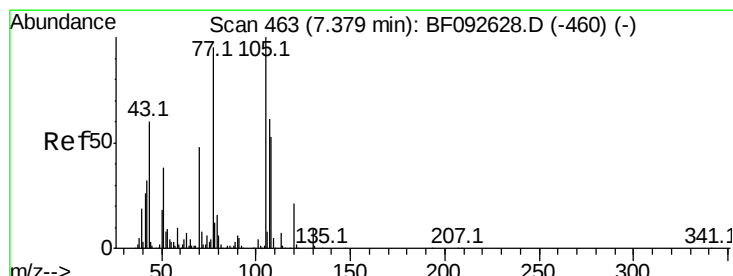
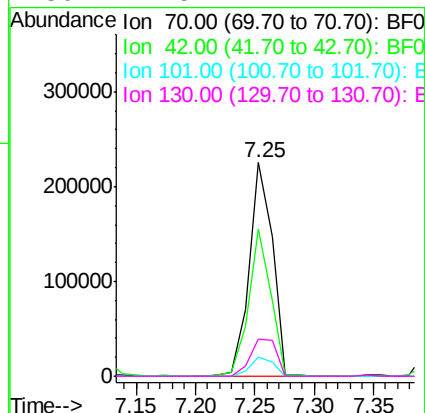
#19
n-Nitroso-di-n-propylamine
Concen: 42.36 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.2	49.4	74.0
101	9.0	7.4	11.2
130	17.5	14.2	21.4

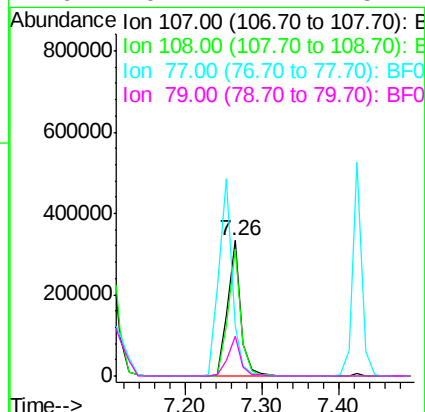
Manual Integrations
APPROVED

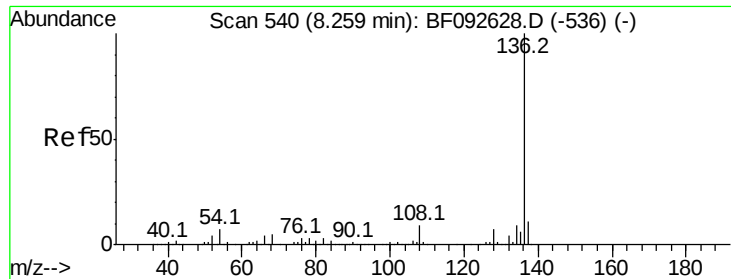
mohammad
2/27/2017 1:08:29 PM



#20
3+4-Methylphenols
Concen: 39.66 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.3	73.0	113.0
77	37.1	71.3	111.3#
79	29.1	11.1	51.1





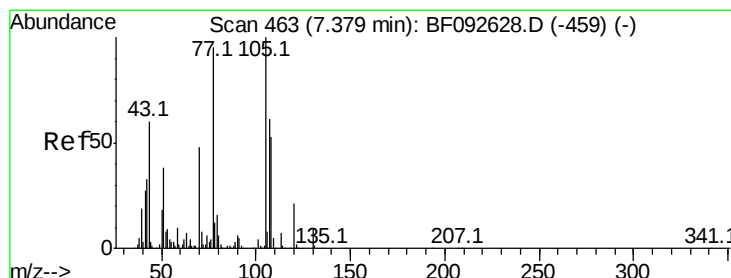
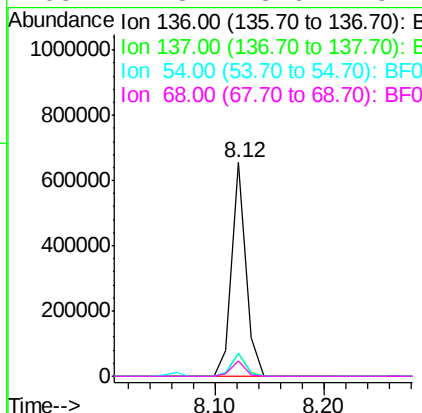
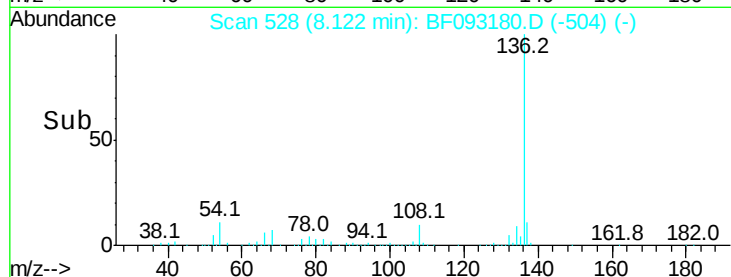
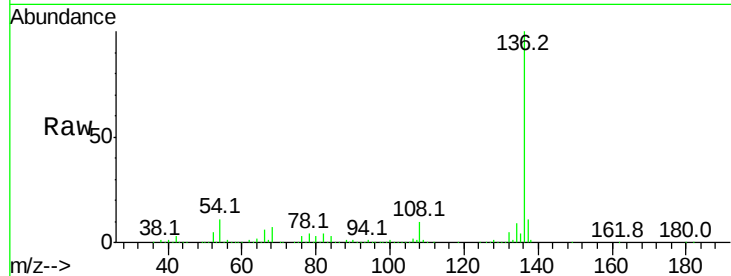
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	588875		
137	11.1	8.4	12.6	
54	10.7	4.5	6.7#	
68	7.3	3.6	5.4#	

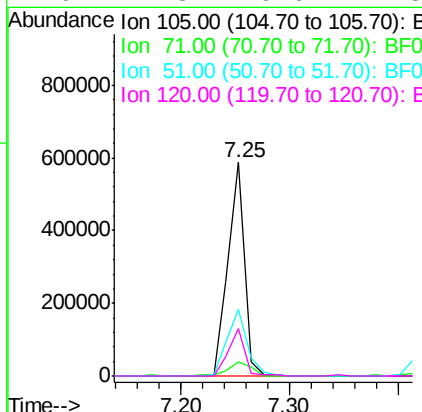
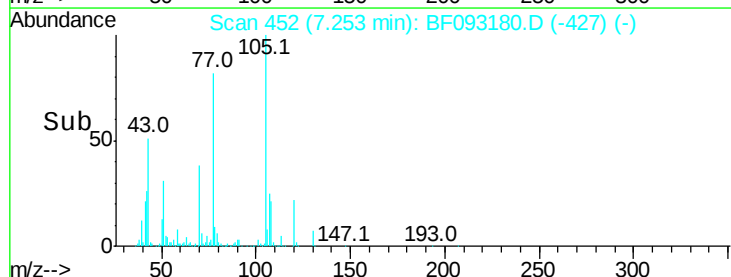
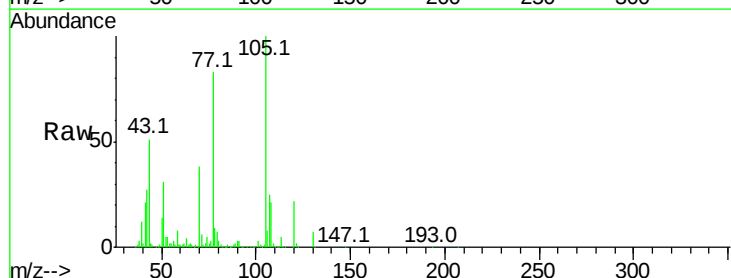
Manual Integrations
APPROVED

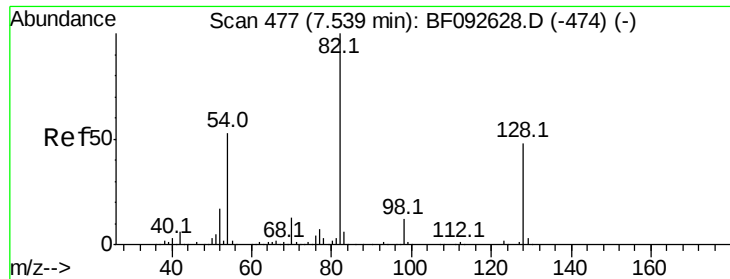
mohammad
2/27/2017 1:08:29 PM



#22
Acetophenone
Concen: 45.72 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	614701		
71	6.5	3.2	4.8#	
51	31.1	26.2	39.4	
120	22.3	16.6	24.8	





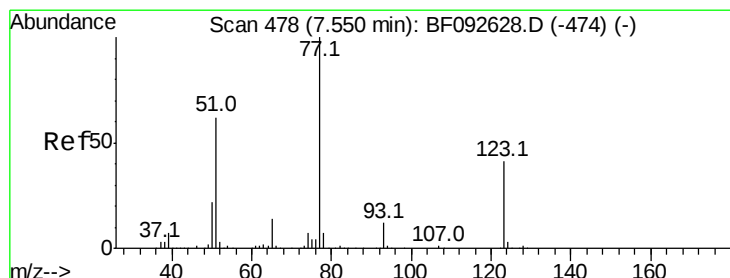
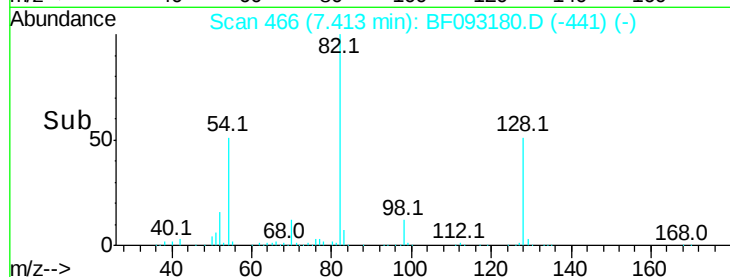
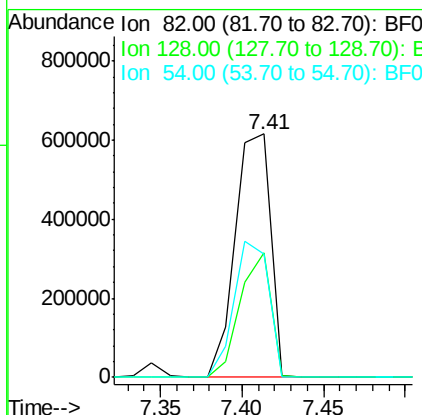
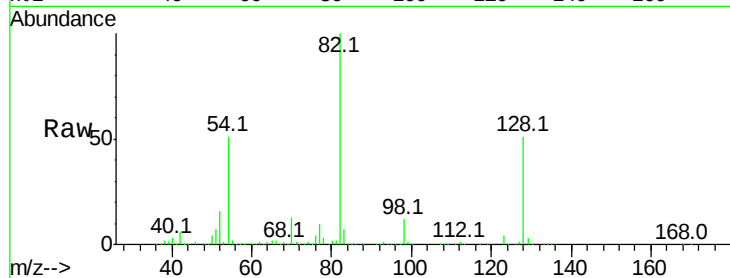
#23
 Nitrobenzene-d5
 Concen: 87.09 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093180.D
 Acq: 25 Feb 2017 9:20

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	920992		
128	51.0		34.6	52.0
54	50.7		39.5	59.3

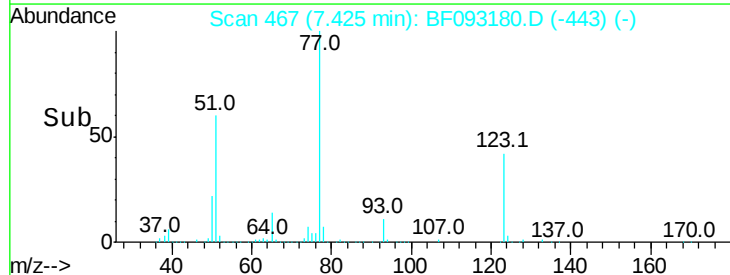
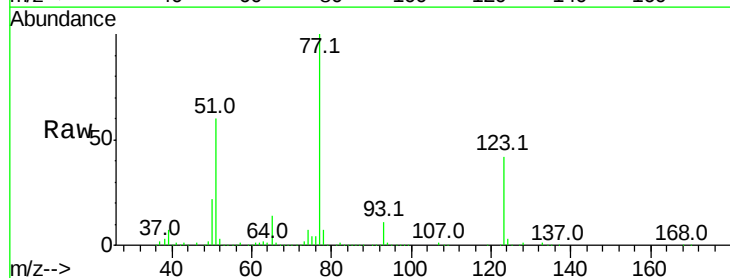
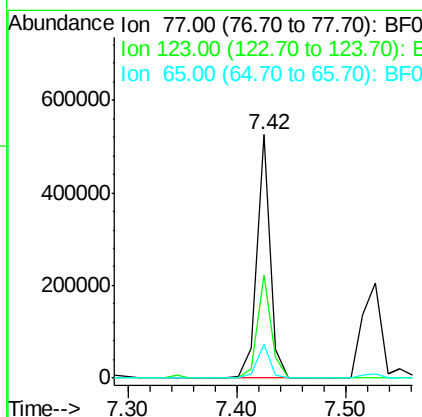
Manual Integrations
 APPROVED

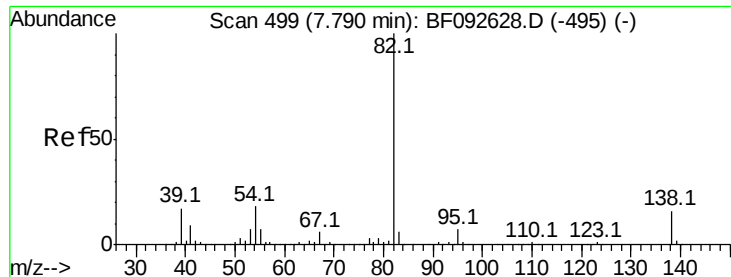
mohammad
 2/27/2017 1:08:29 PM



#24
 Nitrobenzene
 Concen: 41.44 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF093180.D
 Acq: 25 Feb 2017 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	450000		
123	42.4		33.0	49.4
65	13.9		11.2	16.8





#25

Isophorone

Concen: 43.13 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.02 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Instrument :

BNA_F

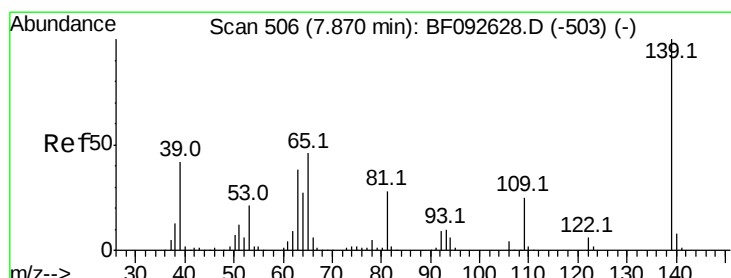
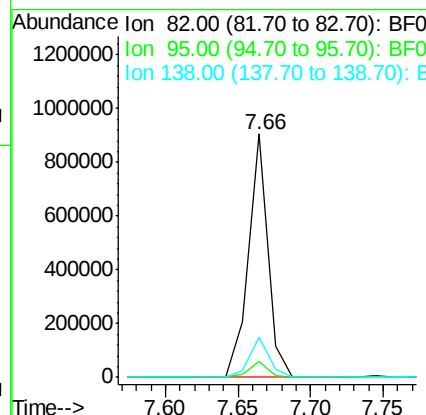
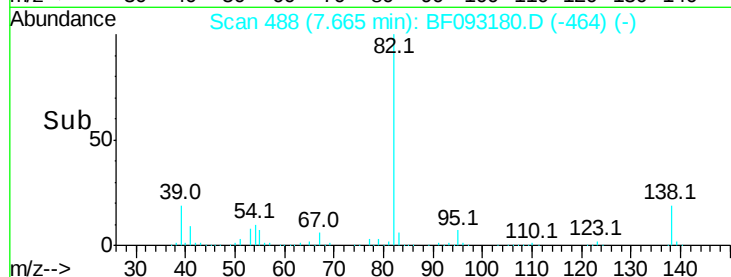
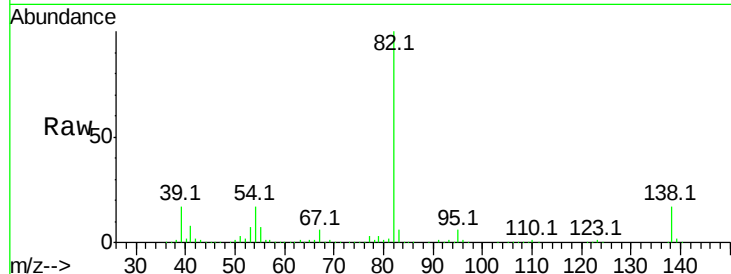
ClientSampleId :

E2-Z5-BASEMSD

Tot Ion:	82	Resp:	849974
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.6	8.4
138	16.6	14.6	22.0

Manual Integrations
APPROVED

mohammad
2/27/2017 1:08:29 PM



#26

2-Nitrophenol

Concen: 44.33 ng

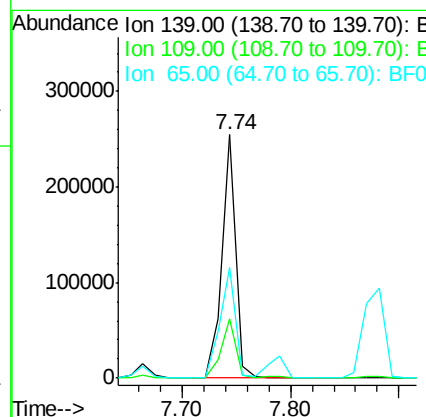
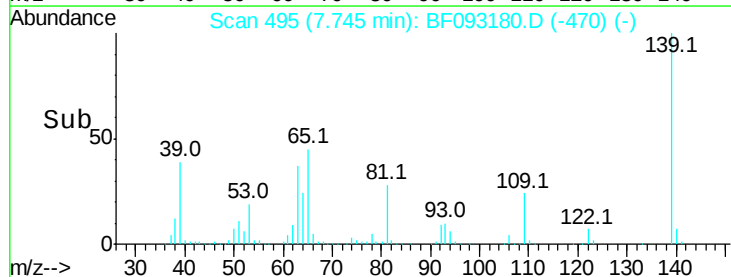
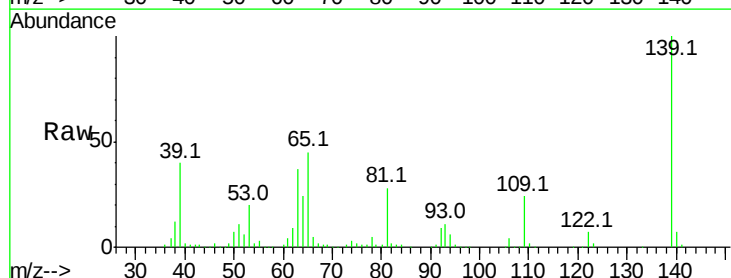
RT: 7.74 min Scan# 495

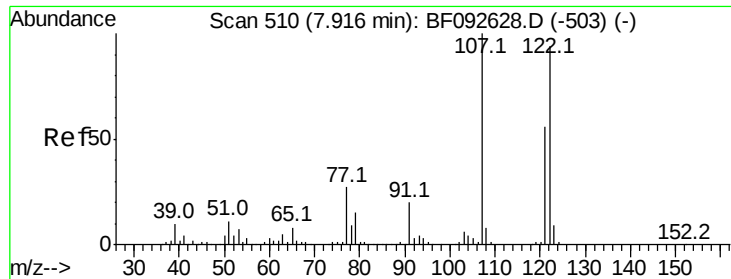
Delta R.T. -0.01 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Tgt Ion:	139	Resp:	228823
Ion Ratio	Lower	Upper	
139	100		
109	24.1	23.3	34.9
65	45.2	42.7	64.1





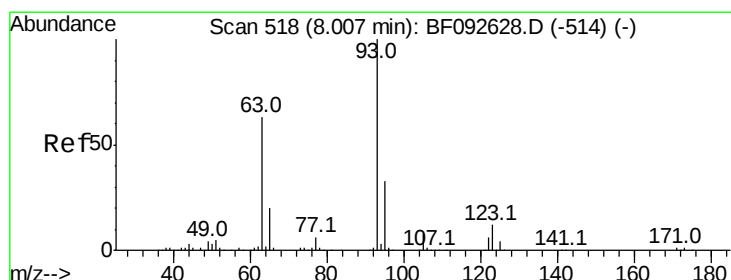
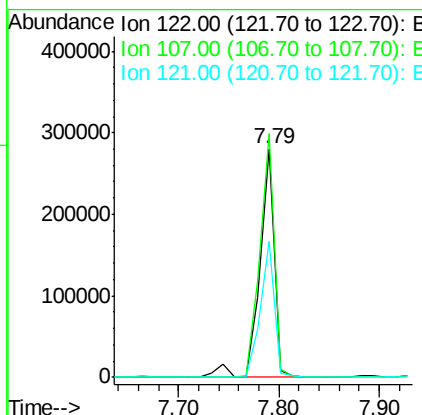
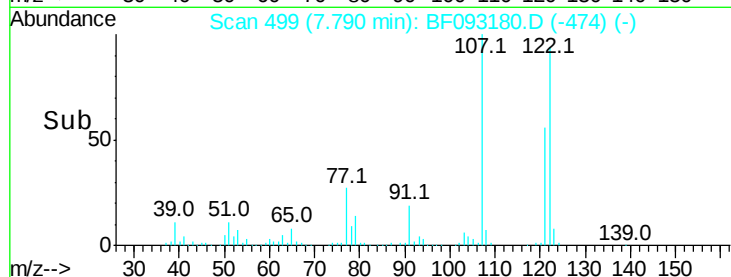
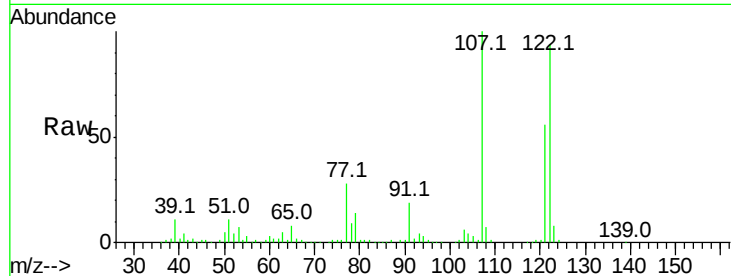
#27
2,4-Dimethylphenol
Concen: 31.36 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	284229		
107	106.6	94.1	141.1	
121	59.5	46.0	69.0	

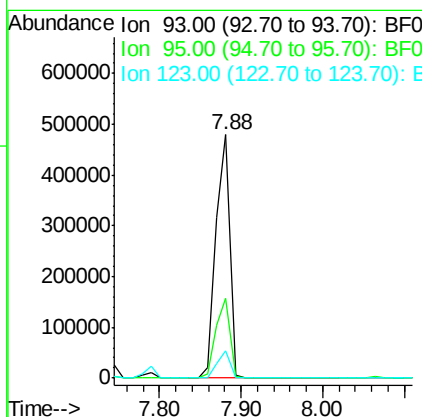
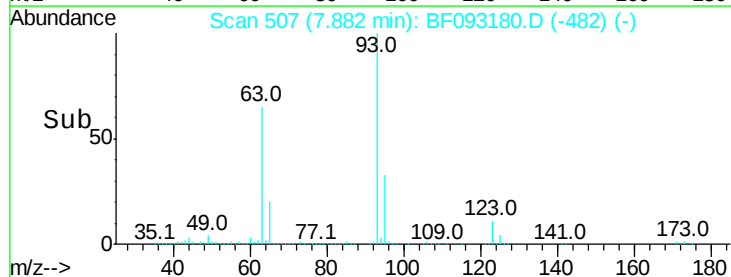
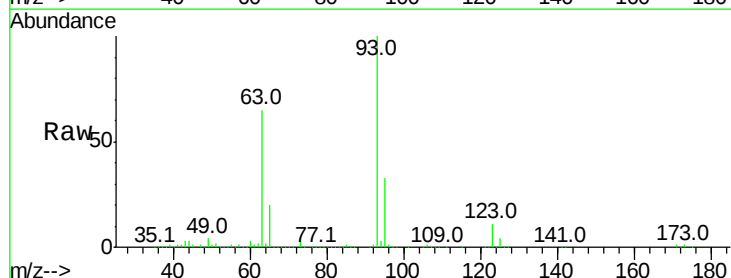
Manual Integrations
APPROVED

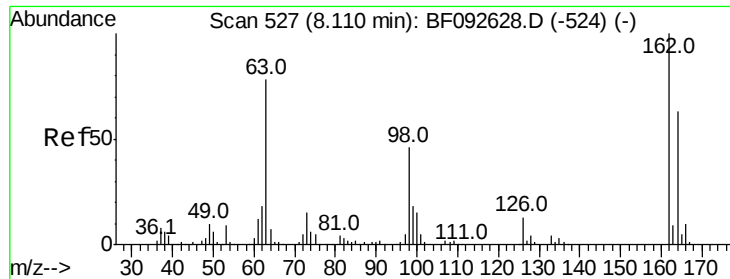
mohammad
2/27/2017 1:08:29 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.63 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	569341		
95	33.0	26.5	39.7	
123	11.2	8.6	13.0	





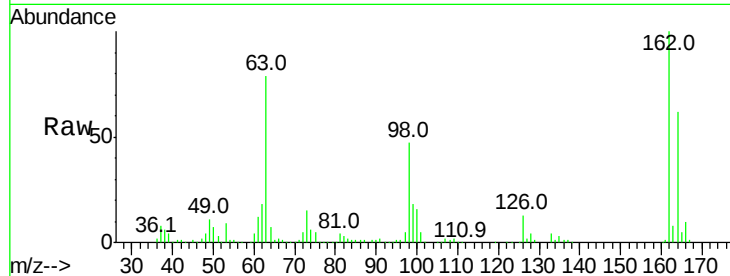
#29
2,4-Dichlorophenol
Concen: 39.73 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMSD

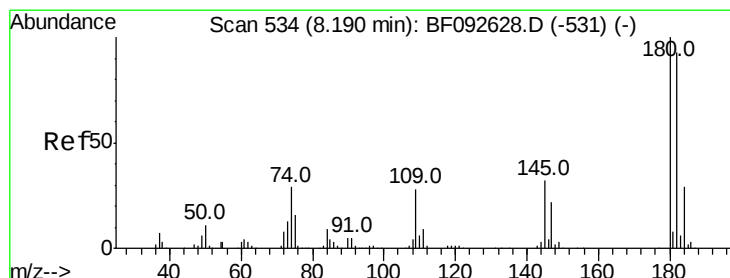
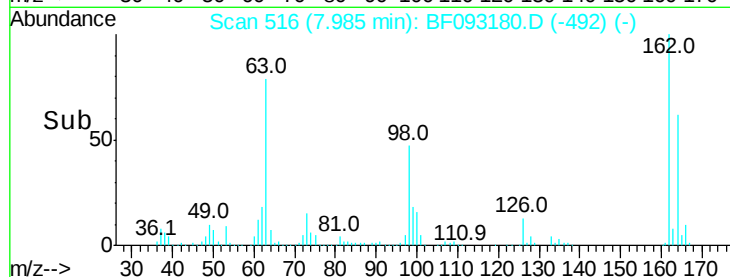
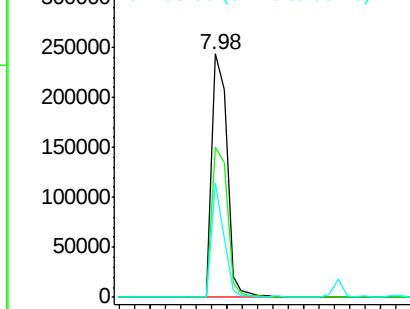
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	61.7	46.8	86.8
98	47.2	9.1	49.1

Manual Integrations
APPROVED

mohammad
2/27/2017 1:08:29 PM

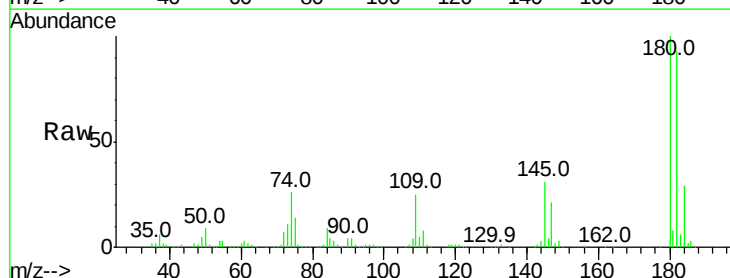


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

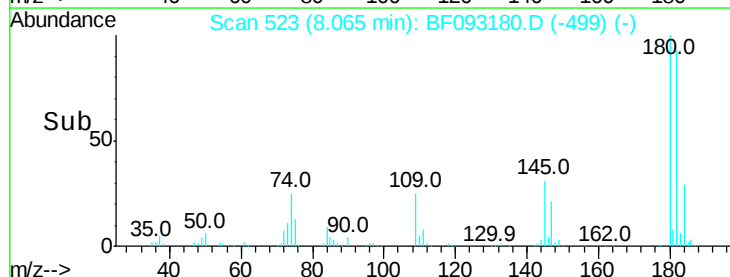
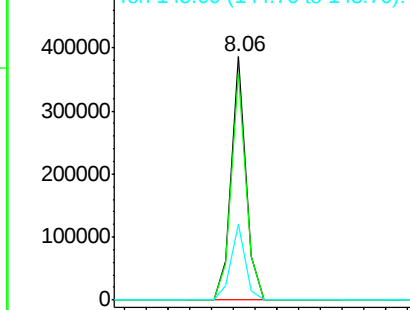


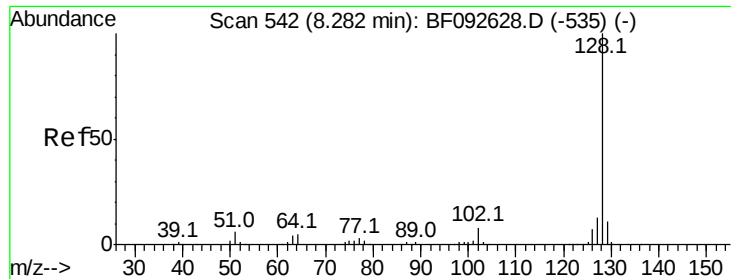
#30
1,2,4-Trichlorobenzene
Concen: 39.33 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.2	78.2	117.4
145	31.0	21.6	32.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.75 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Instrument :

BNA_F

ClientSampleId :

E2-Z5-BASEMSD

Tot Ion:128 Resp: 1156786

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

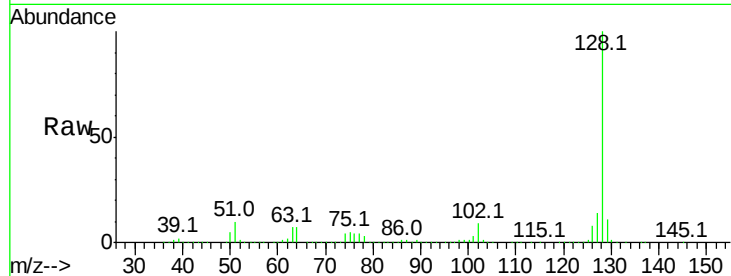
127 13.6 10.8 16.2

Manual Integrations

APPROVED

mohammad

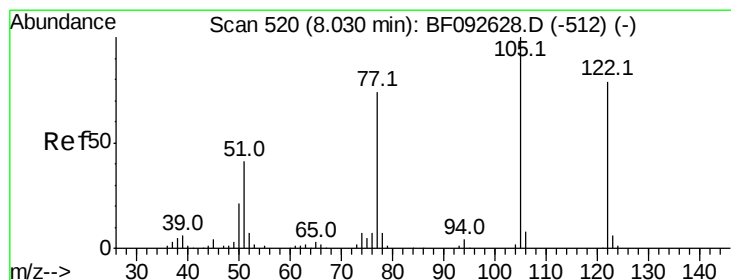
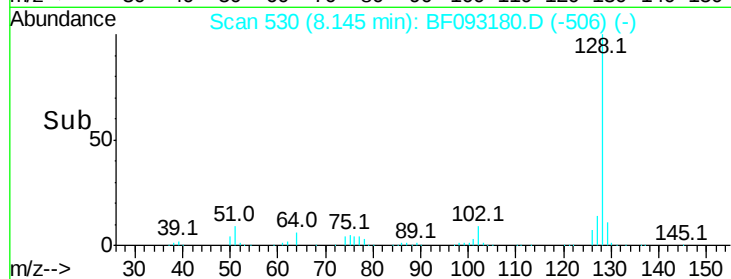
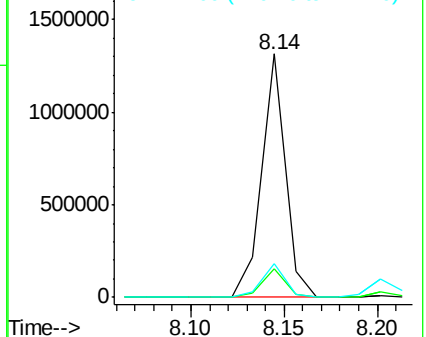
2/27/2017 1:08:29 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 7.38 ng m

RT: 7.93 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

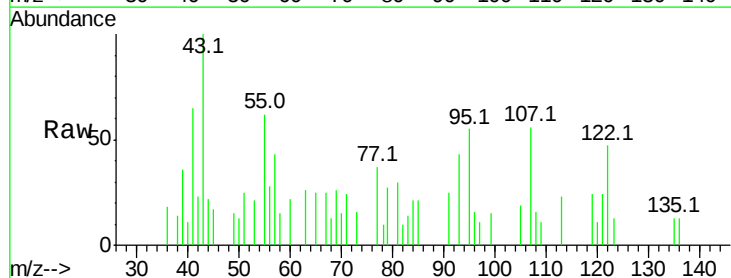
Tgt Ion:122 Resp: 1281

Ion Ratio Lower Upper

122 100

105 39.4 107.2 147.2#

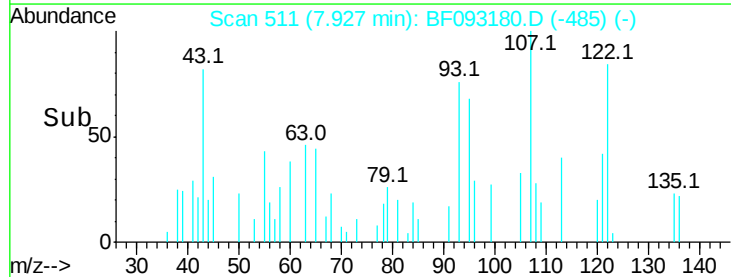
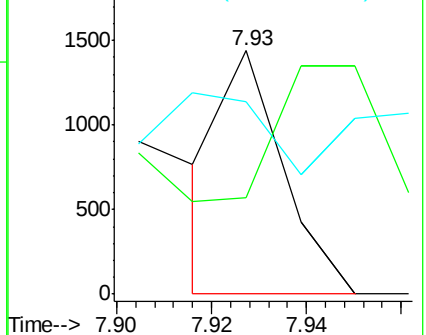
77 79.1 74.5 114.5

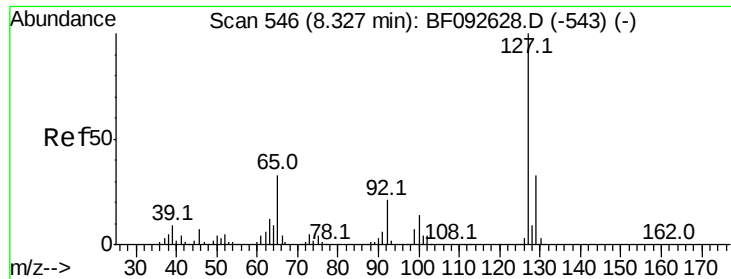


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





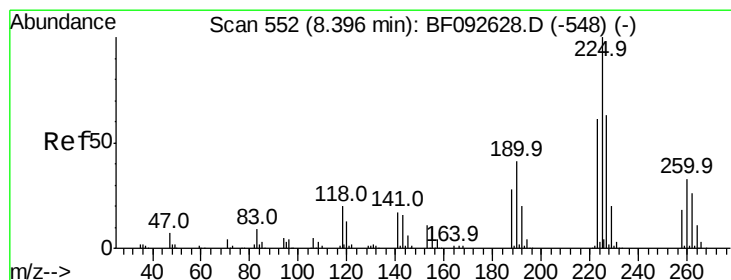
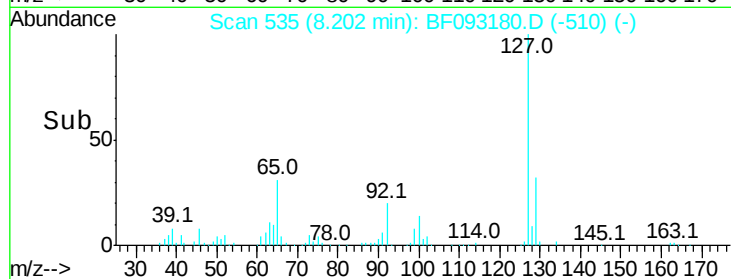
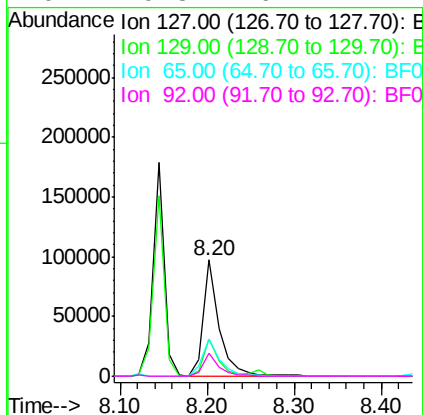
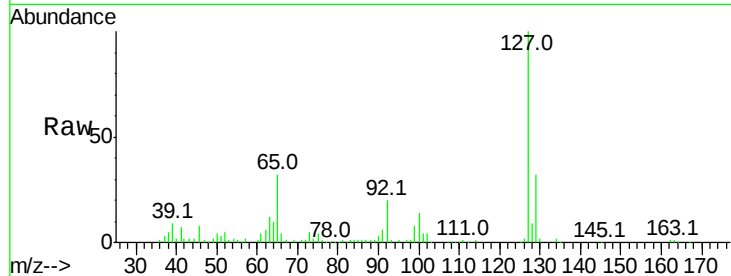
#33
4-Chloroaniline
Concen: 10.72 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Instrument :
BNA_F
ClientSampled :
E2-Z5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	125525		
129	32.3	26.3	39.5	
65	31.9	25.8	38.8	
92	19.8	16.1	24.1	

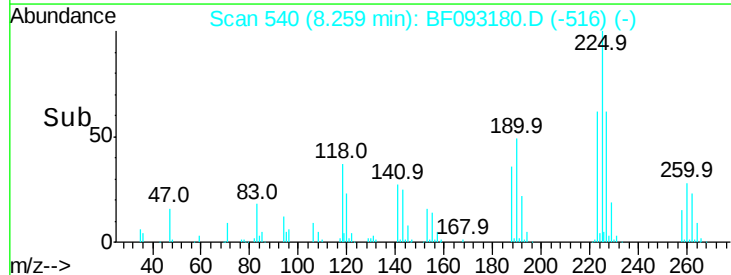
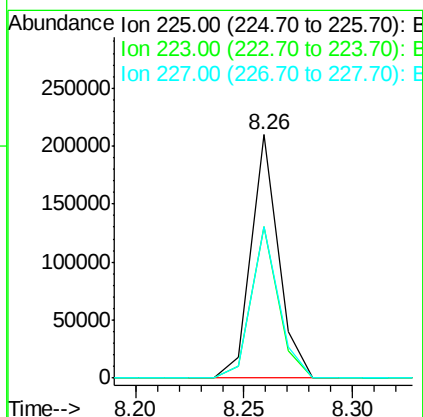
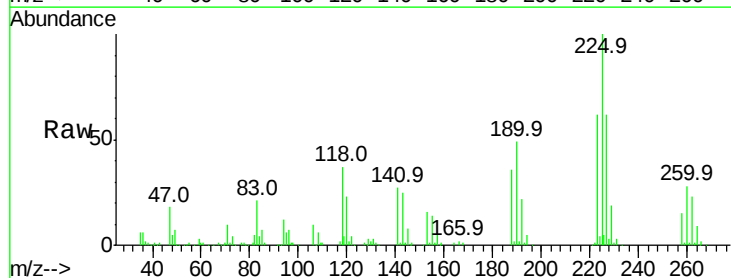
Manual Integrations
APPROVED

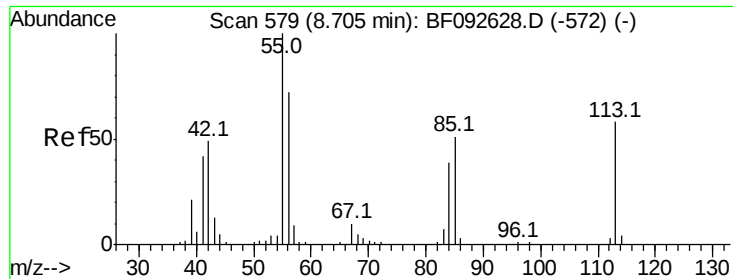
mohammad
2/27/2017 1:08:29 PM



#34
Hexachlorobutadiene
Concen: 36.61 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	183518		
223	62.4	51.0	76.6	
227	62.2	50.6	76.0	





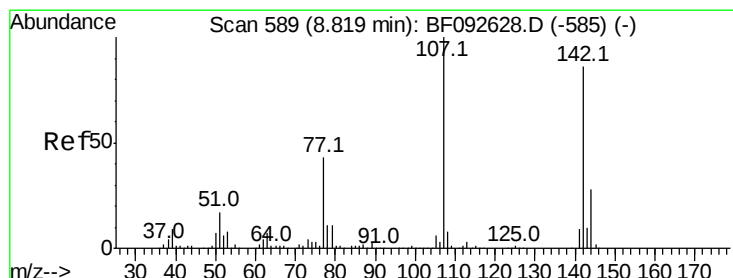
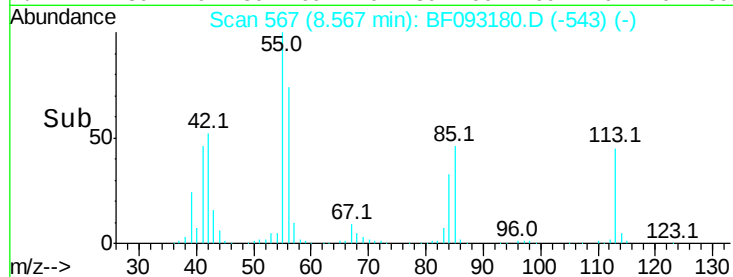
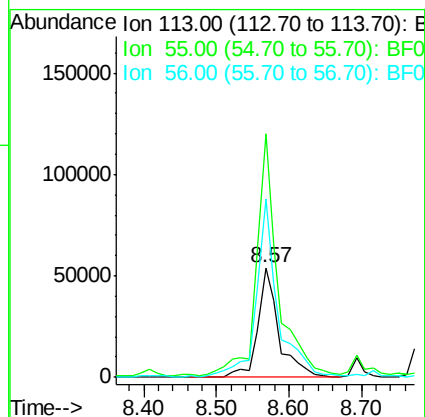
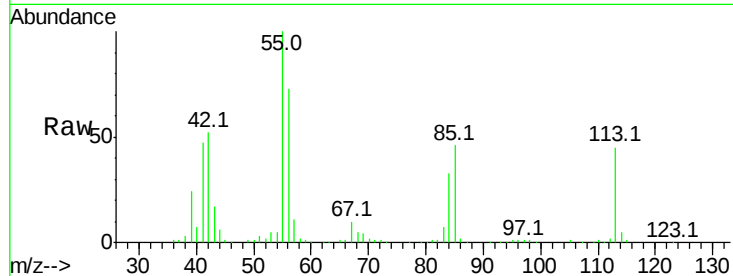
#35
 Caprolactam
 Concen: 41.61 ng
 RT: 8.57 min Scan# 567
 Delta R.T. -0.02 min
 Lab File: BF093180.D
 Acq: 25 Feb 2017 9:20

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z5-BASEMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	222.9	119.2	159.2#
56	163.3	83.8	123.8#

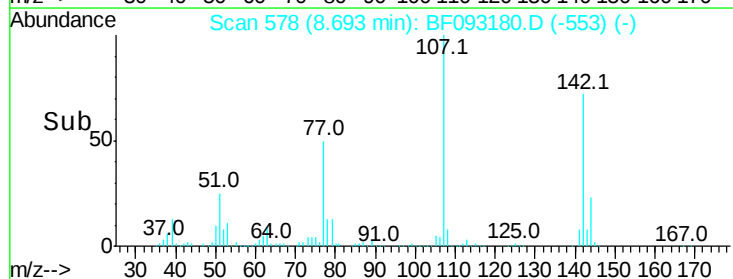
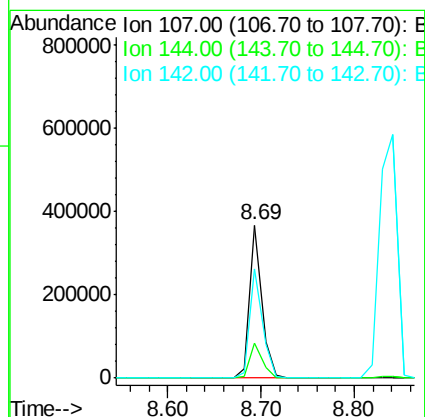
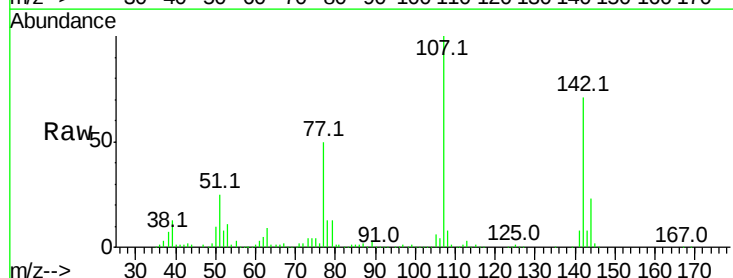
Manual Integrations
 APPROVED

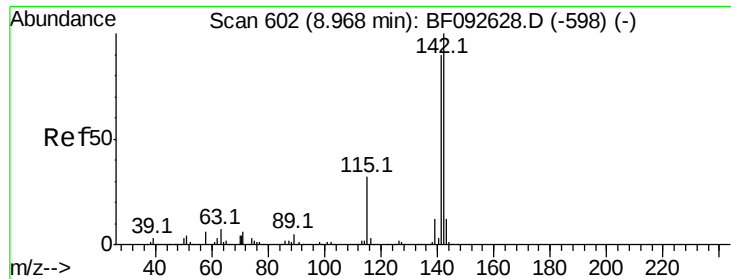
mohammad
 2/27/2017 1:08:29 PM



#36
 4-Chloro-3-methylphenol
 Concen: 38.26 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF093180.D
 Acq: 25 Feb 2017 9:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.7	19.3	28.9
142	71.5	59.0	88.6





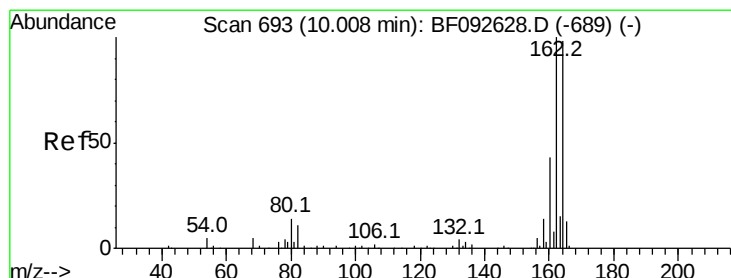
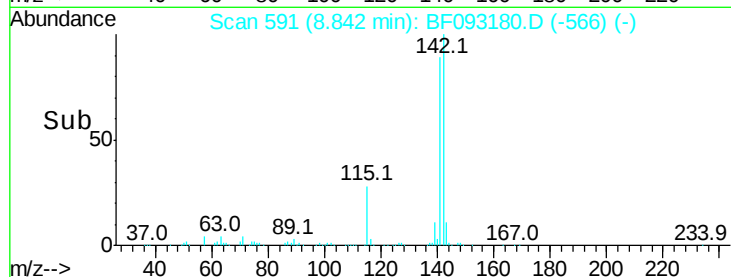
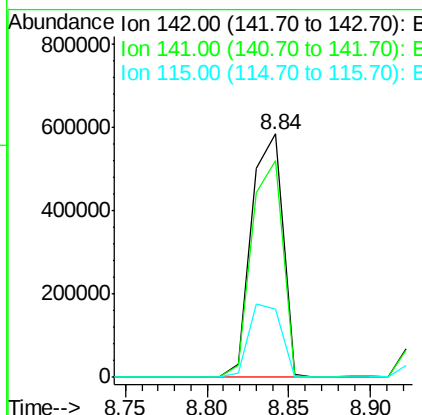
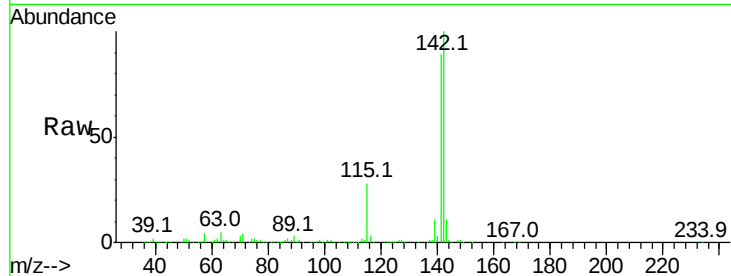
#37
2-Methylnaphthalene
Concen: 40.40 ng/mL
RT: 8.84 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.6
115	28.2	28.3	42.5

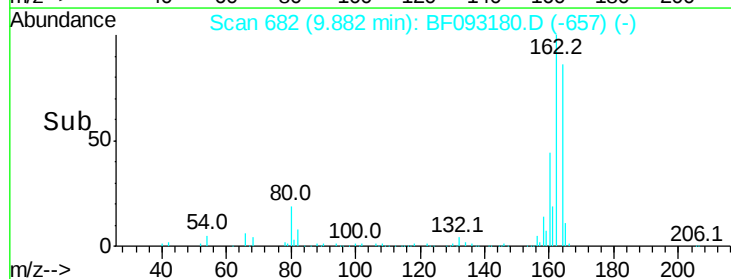
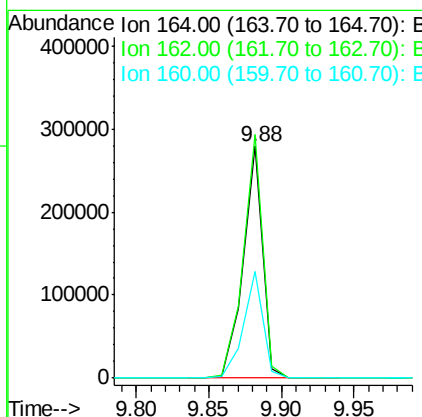
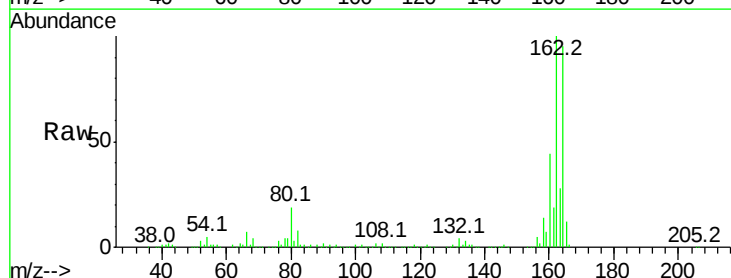
Manual Integrations
APPROVED

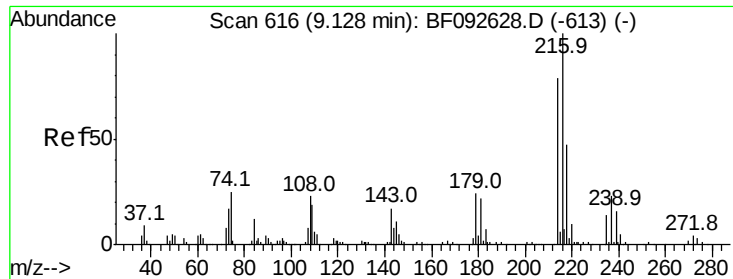
mohammad
2/27/2017 1:08:29 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	80.2	120.2
160	45.8	36.9	55.3





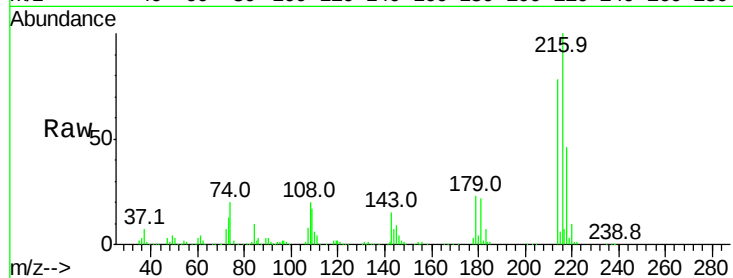
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.45 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF093180.D
 Acq: 25 Feb 2017 9:20

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z5-BASEMSD

Tot Ion:	216	Resp:	315932
Ion Ratio	Lower	Upper	
216	100		
214	78.4	63.4	95.0
179	21.6	17.4	26.2
108	19.6	15.6	23.4

Manual Integrations
 APPROVED

mohammad
 2/27/2017 1:08:29 PM

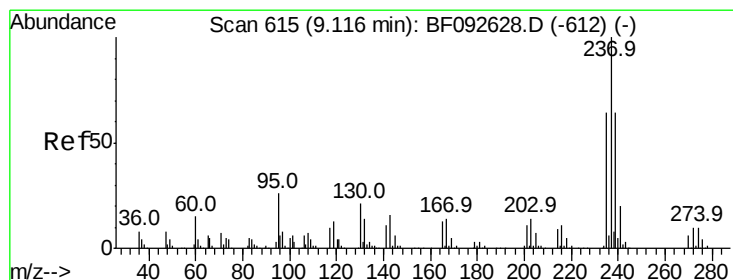
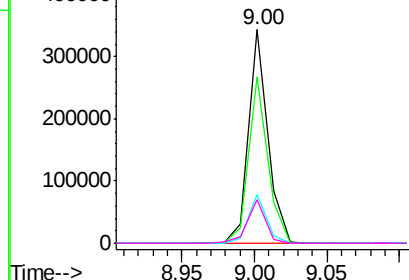
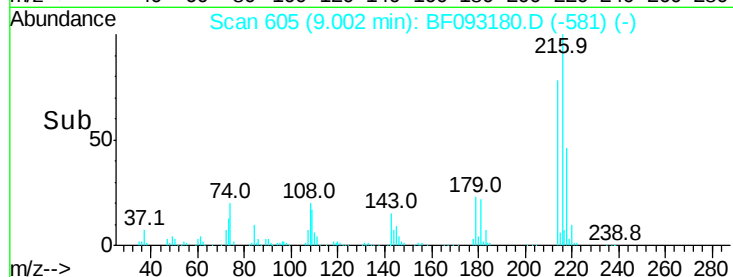


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

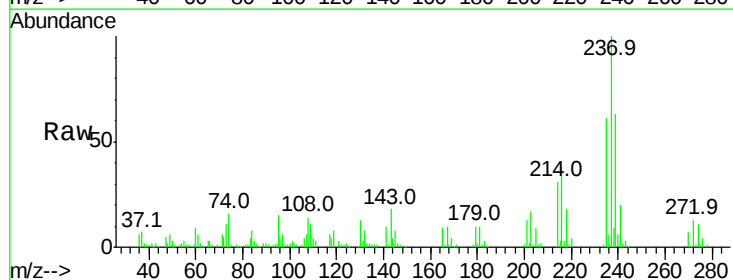
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 23.33 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF093180.D
 Acq: 25 Feb 2017 9:20

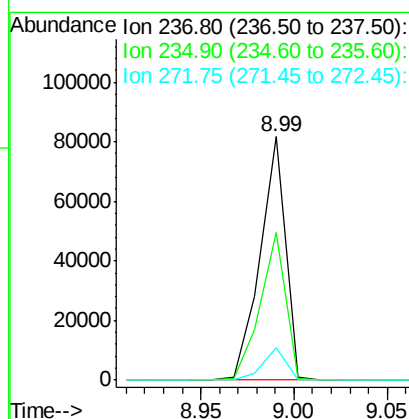
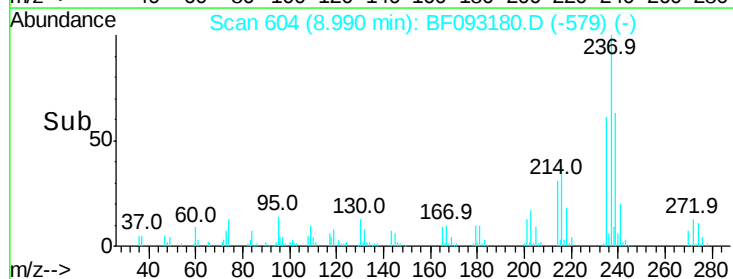
Tgt Ion:	237	Resp:	76538
Ion Ratio	Lower	Upper	
237	100		
235	60.8	41.2	81.2
272	13.4	0.0	35.4

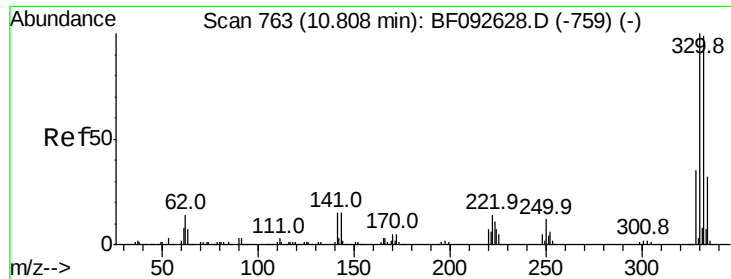


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





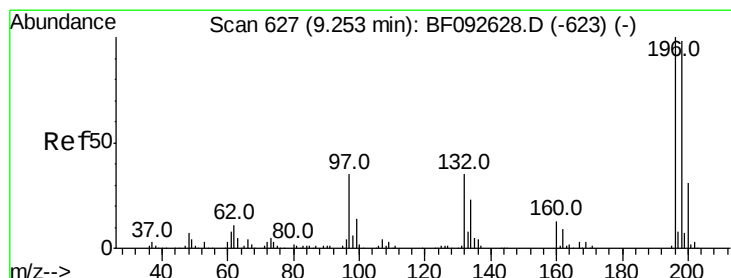
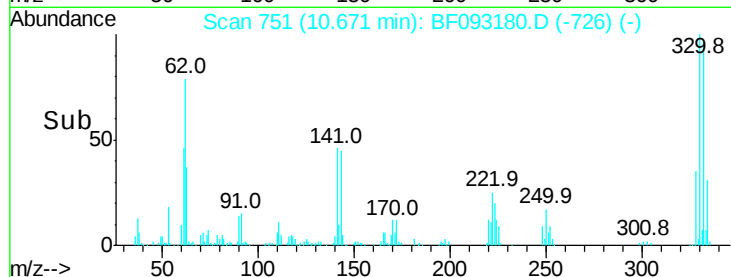
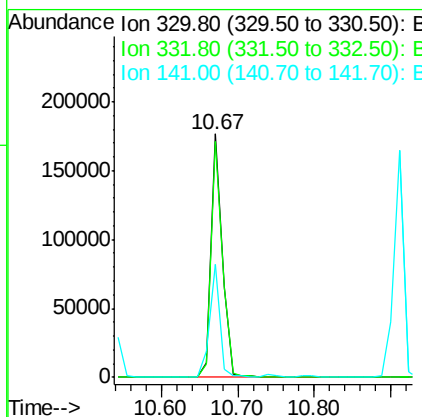
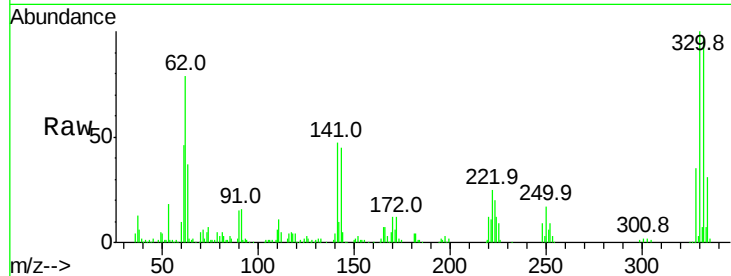
#41
 2,4,6-Tribromophenol
 Concen: 95.61 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093180.D
 Acq: 25 Feb 2017 9:20

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	179123		
332	97.2	77.4	116.2	
141	42.8	34.1	51.1	

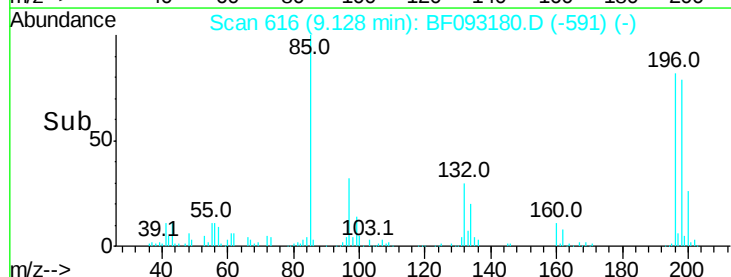
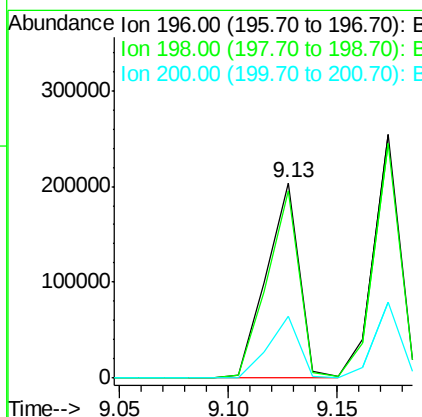
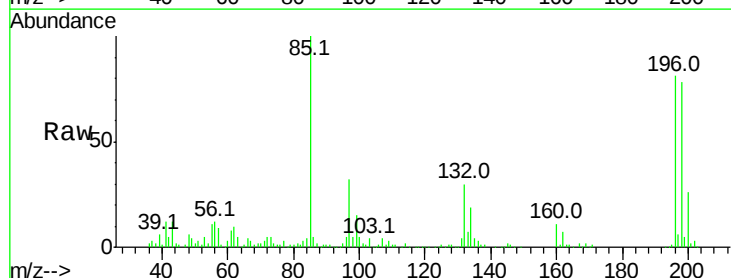
Manual Integrations
 APPROVED

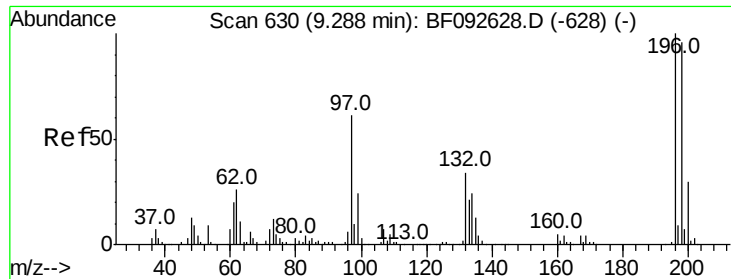
mohammad
 2/27/2017 1:08:29 PM



#42
 2,4,6-Trichlorophenol
 Concen: 45.19 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF093180.D
 Acq: 25 Feb 2017 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	215885		
198	95.8	82.1	123.1	
200	31.7	27.0	40.4	





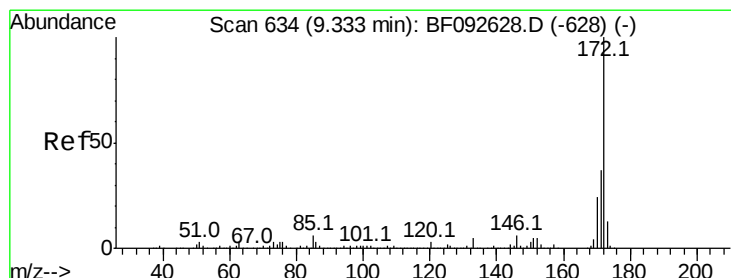
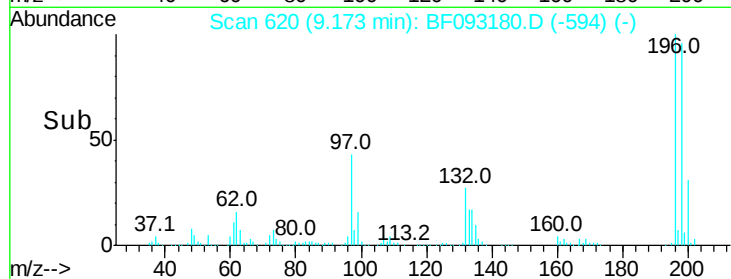
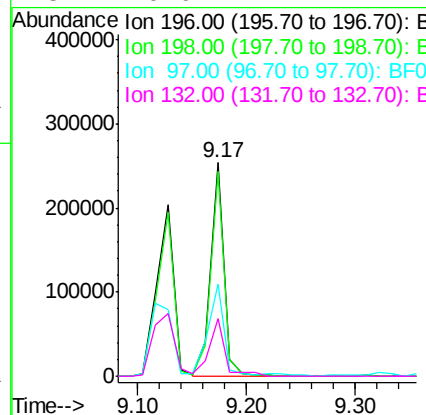
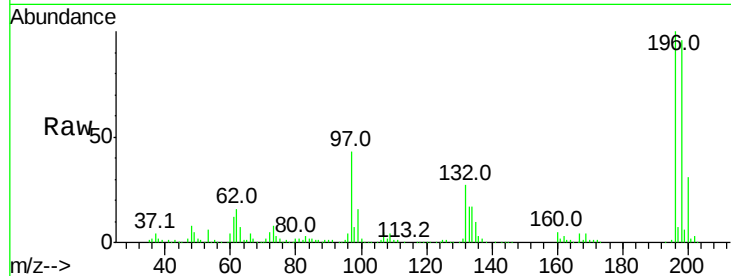
#43
 2,4,5-Trichlorophenol
 Concen: 42.19 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093180.D
 Acq: 25 Feb 2017 9:20

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	220865		
198	96.1	79.4	119.2	
97	43.0	51.5	77.3	
132	26.9	27.4	41.2	

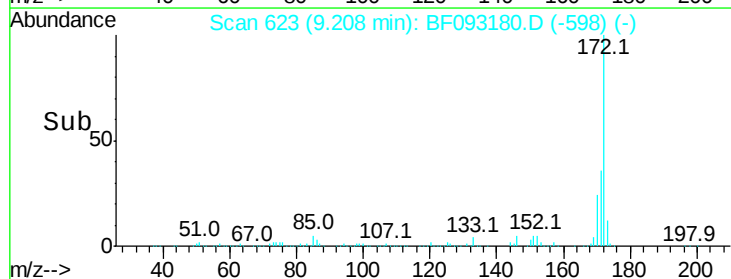
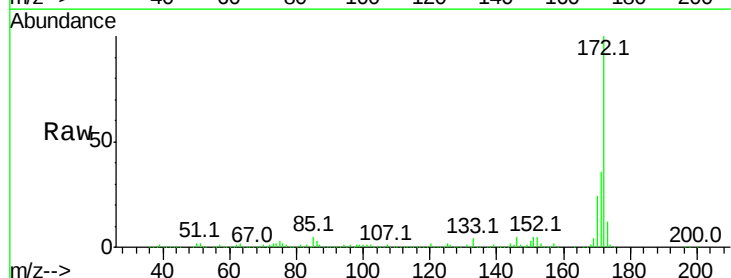
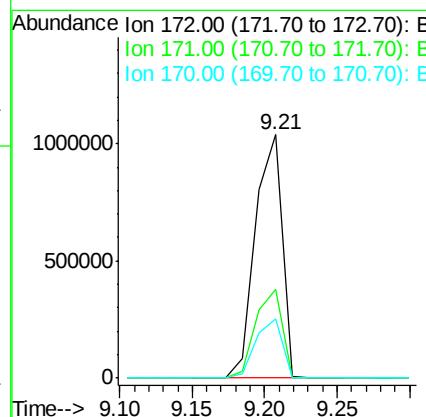
Manual Integrations
 APPROVED

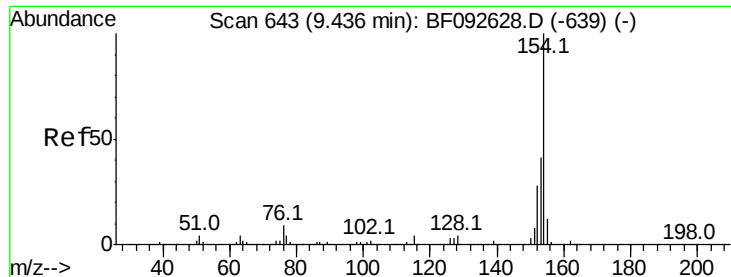
mohammad
 2/27/2017 1:08:29 PM



#44
 2-Fluorobiphenyl
 Concen: 92.91 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093180.D
 Acq: 25 Feb 2017 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1328349		
171	36.2	29.4	44.0	
170	24.2	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 43.61 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Instrument :

BNA_F

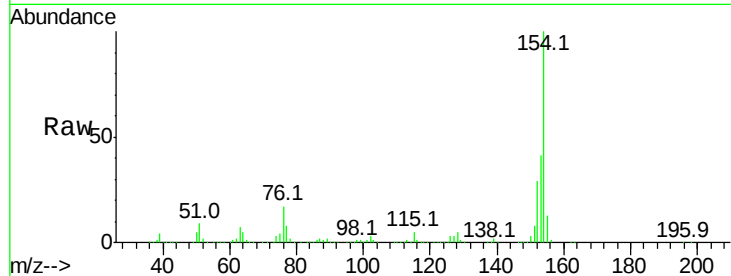
ClientSampleId :

E2-Z5-BASEMSD

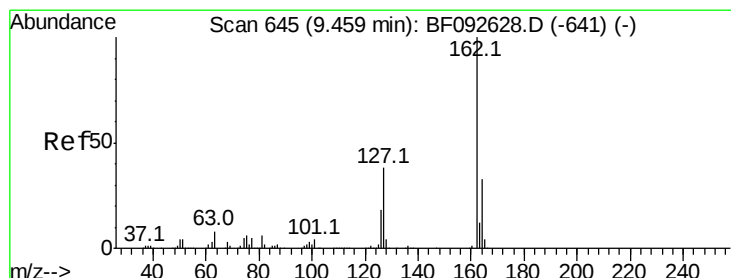
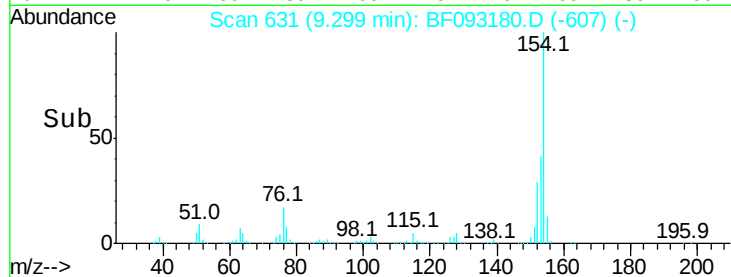
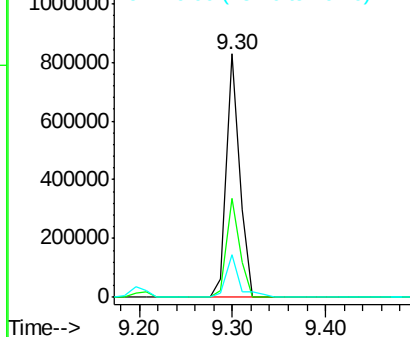
Tot Ion:	154	Resp:	817876
Ion Ratio	Lower	Upper	
154	100		
153	40.9	20.9	60.9
76	17.4	0.0	30.5

Manual Integrations
APPROVED

mohammad
2/27/2017 1:08:29 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: 45.57 ng

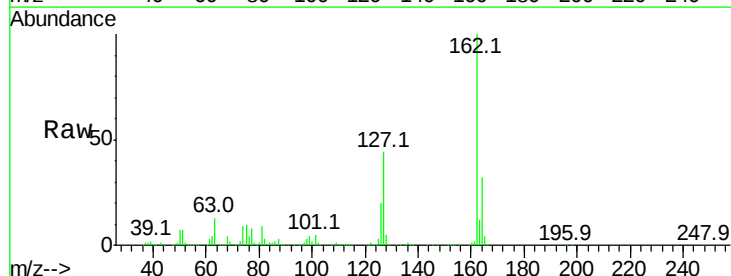
RT: 9.32 min Scan# 633

Delta R.T. -0.02 min

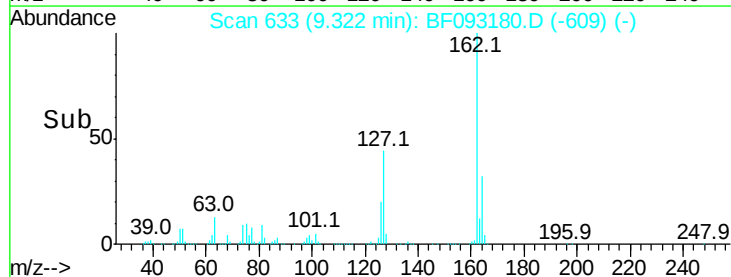
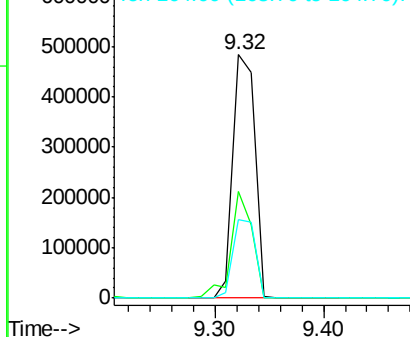
Lab File: BF093180.D

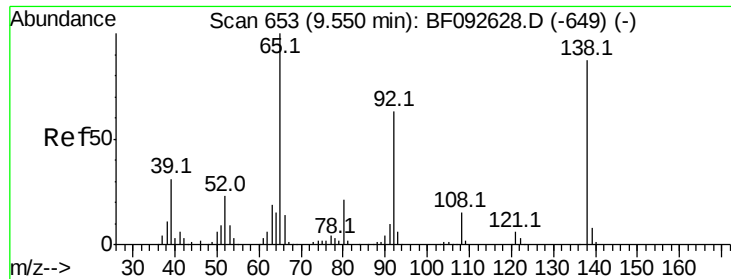
Acq: 25 Feb 2017 9:20

Tgt Ion:	162	Resp:	668543
Ion Ratio	Lower	Upper	
162	100		
127	43.6	30.7	46.1
164	32.4	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





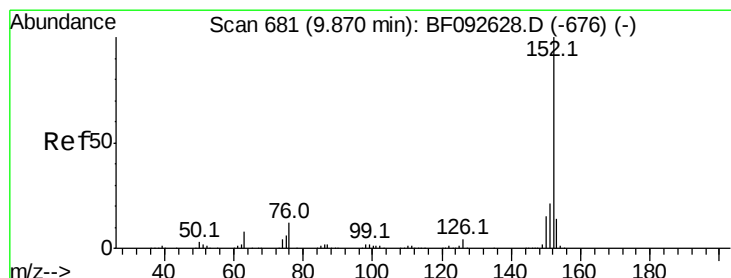
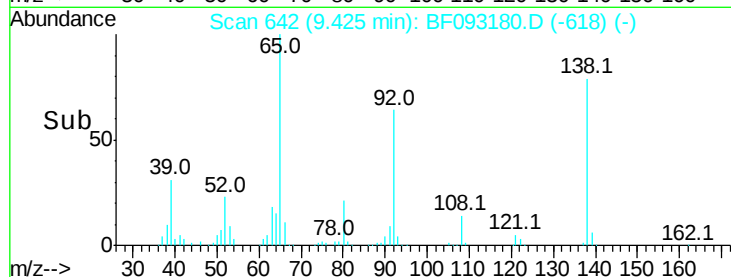
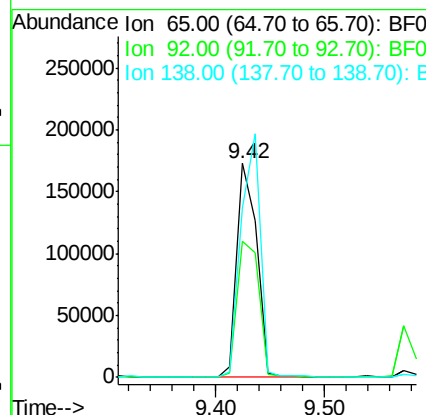
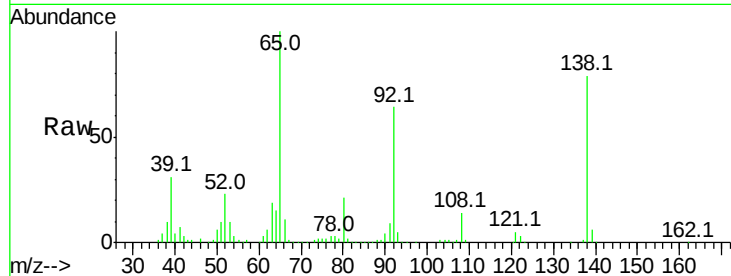
#47
2-Nitroaniline
Concen: 43.88 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.02 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.6	53.9	80.9
138	79.2	76.8	115.2

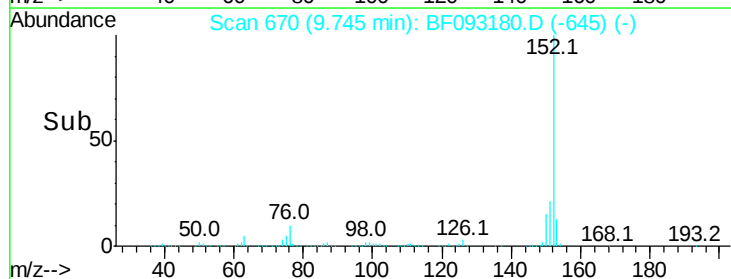
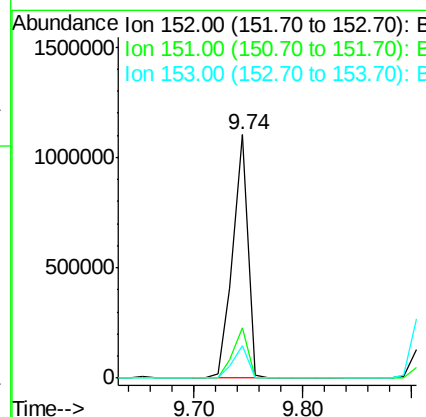
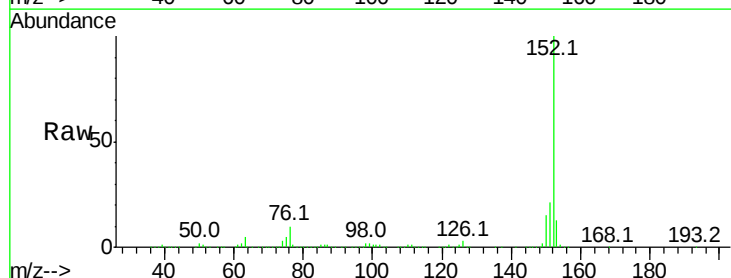
Manual Integrations
APPROVED

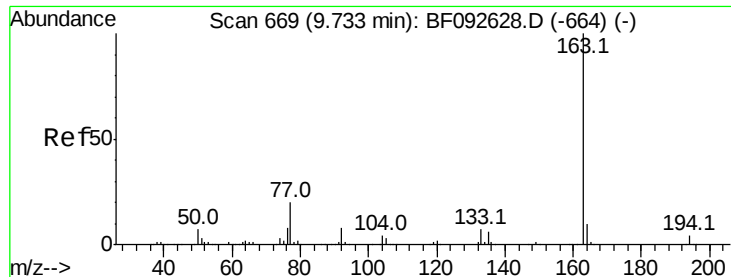
mohammad
2/27/2017 1:08:29 PM



#48
Acenaphthylene
Concen: 42.05 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	13.4	11.4	17.2





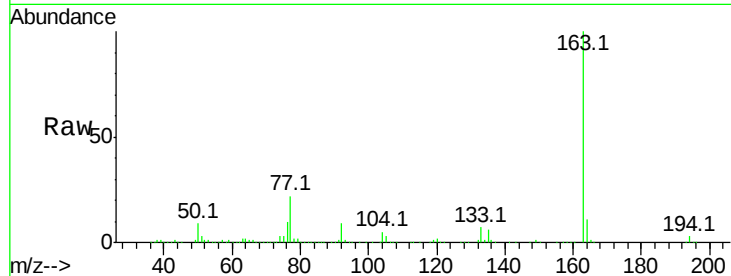
#49
Dimethylphthalate
Concen: 59.05 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMSD

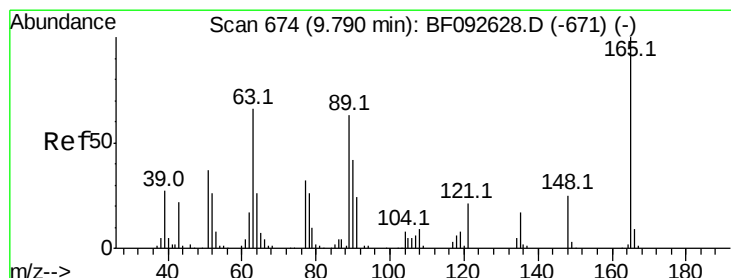
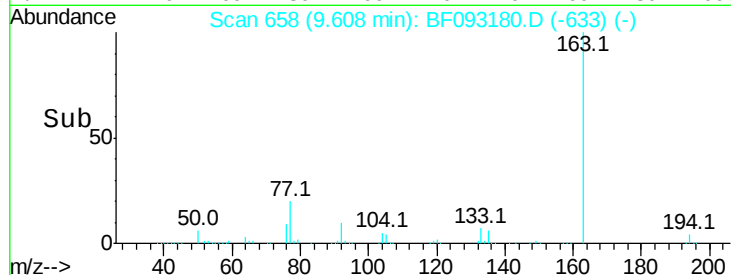
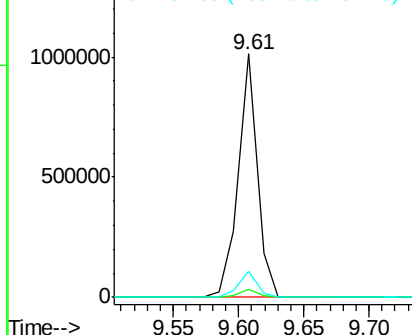
Tot Ion:163 Resp: 1030214
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.5 8.0 12.0

Manual Integrations
APPROVED

mohammad
2/27/2017 1:08:29 PM



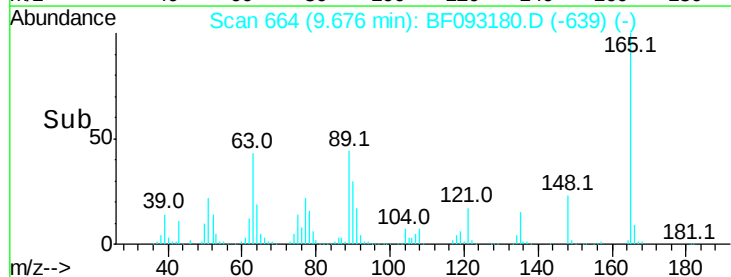
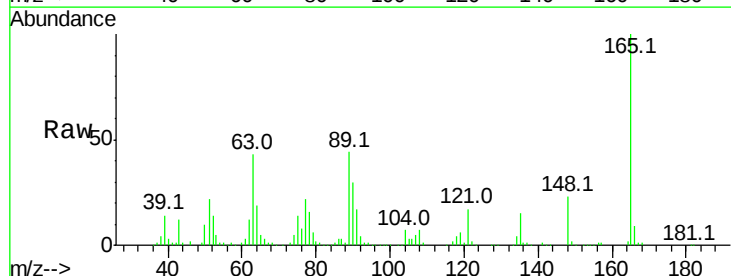
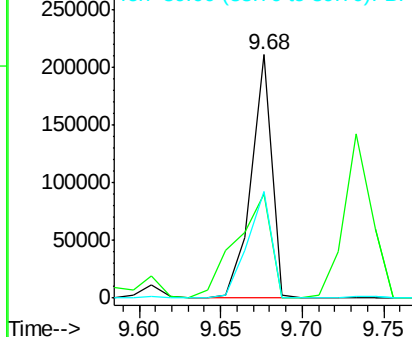
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

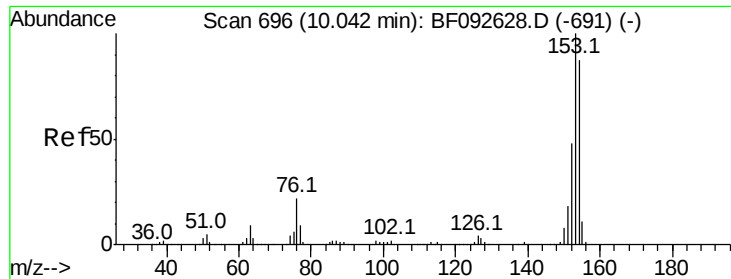


#50
2,6-Dinitrotoluene
Concen: 49.18 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Tgt Ion:165 Resp: 185300
Ion Ratio Lower Upper
165 100
63 42.8 36.2 54.4
89 44.0 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: 41.36 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Instrument :

BNA_F

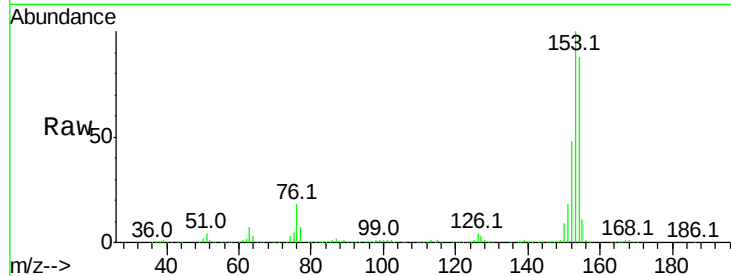
ClientSampleId :

E2-Z5-BASEMSD

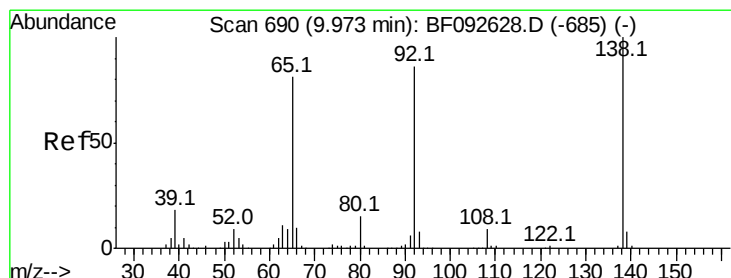
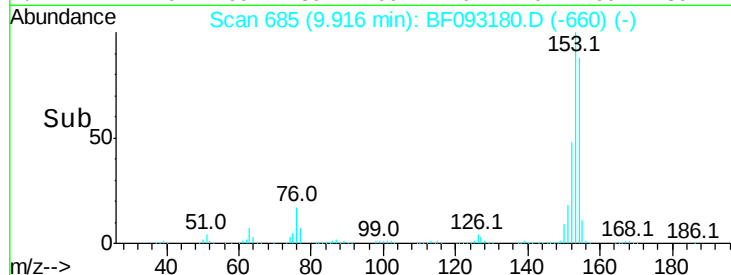
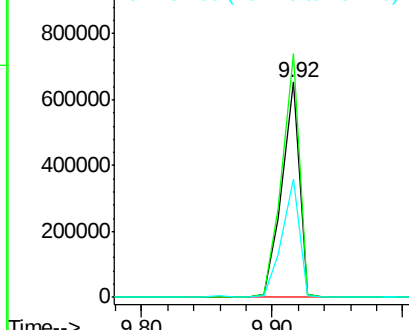
Tot Ion:	154	Resp:	626719
Ion Ratio	Lower	Upper	
154	100		
153	113.3	88.6	133.0
152	54.8	41.6	62.4

Manual Integrations
APPROVED

mohammad
2/27/2017 1:08:29 PM



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



#52

3-Nitroaniline

Concen: 29.51 ng

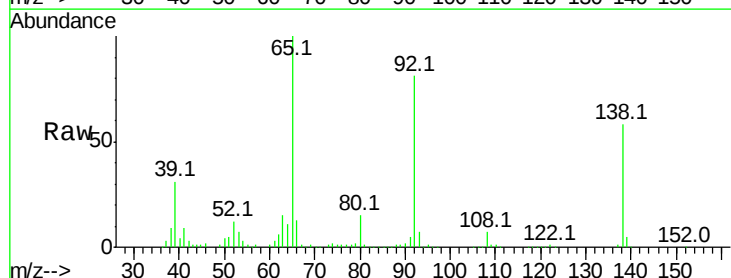
RT: 9.84 min Scan# 678

Delta R.T. -0.02 min

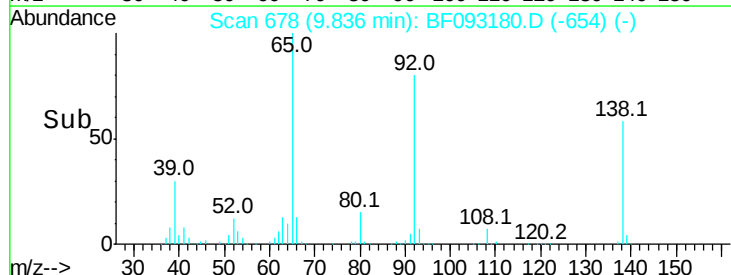
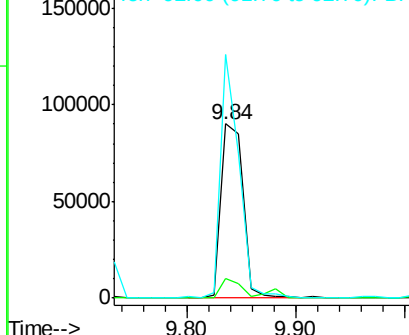
Lab File: BF093180.D

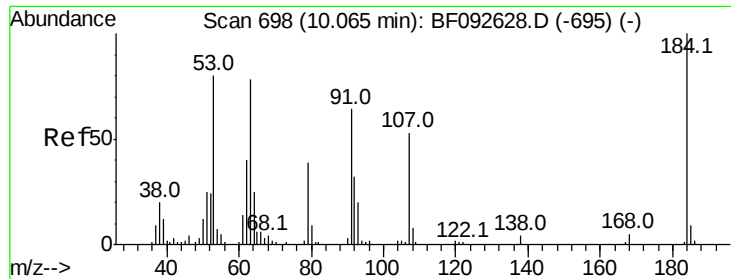
Acq: 25 Feb 2017 9:20

Tgt Ion:	138	Resp:	127265
Ion Ratio	Lower	Upper	
138	100		
108	11.5	8.5	12.7
92	139.6	97.8	146.8



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





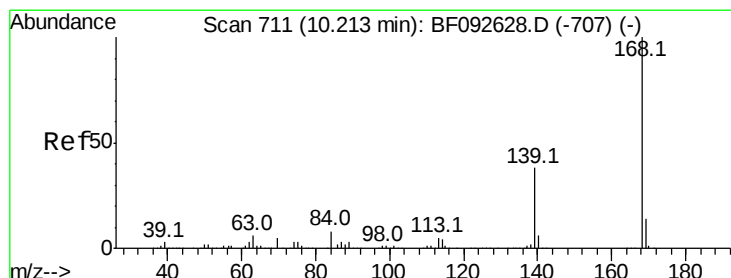
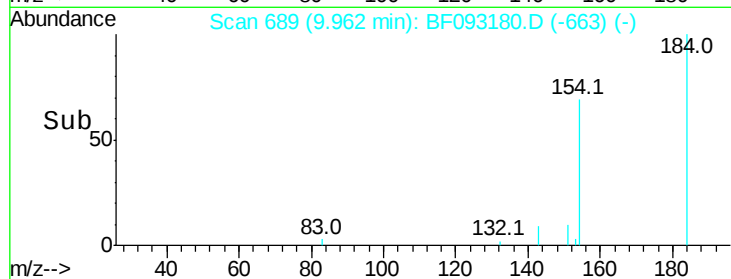
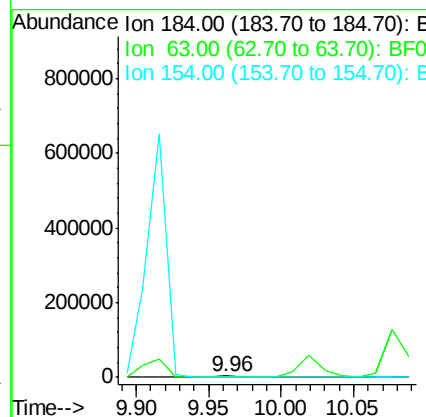
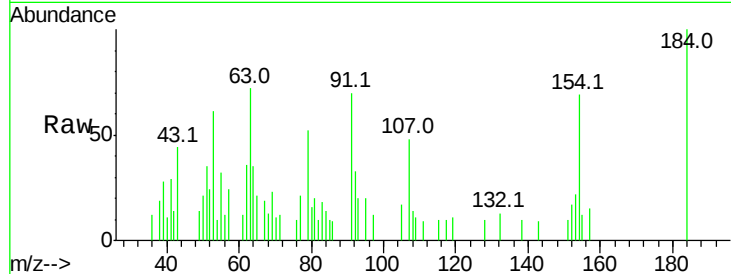
#53
 2,4-Dinitrophenol
 Concen: 7.34 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093180.D
 Acq: 25 Feb 2017 9:20

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	72.1	28.4	42.6#	
154	68.9	44.3	66.5#	

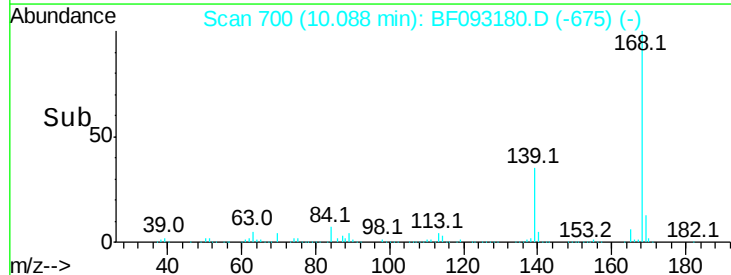
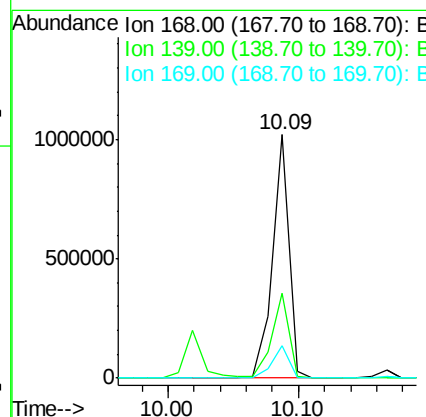
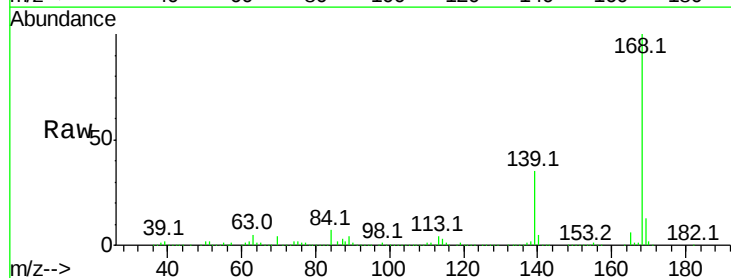
Manual Integrations
 APPROVED

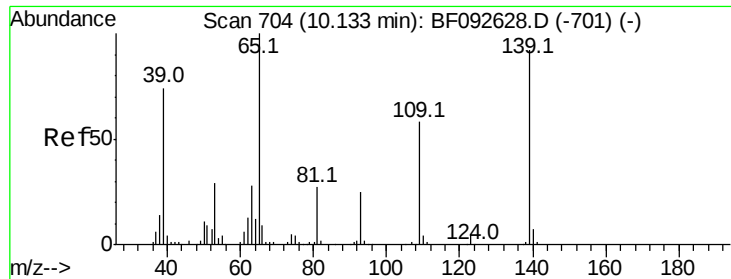
mohammad
 2/27/2017 1:08:29 PM



#54
 Dibenzofuran
 Concen: 44.70 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093180.D
 Acq: 25 Feb 2017 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	35.0	32.6	49.0	
169	13.3	11.3	16.9	





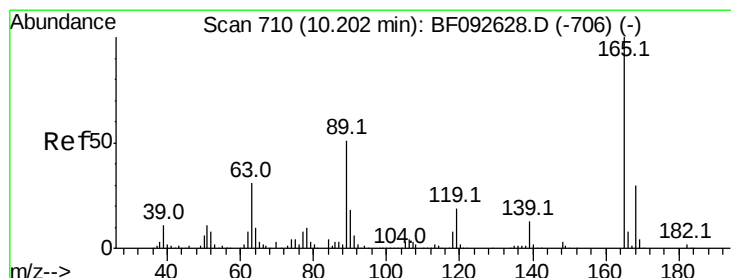
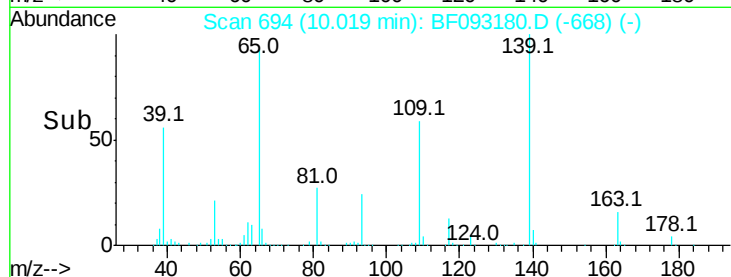
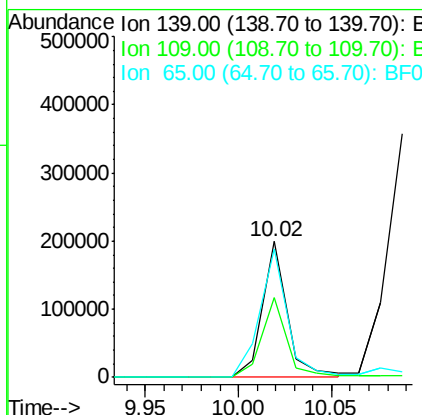
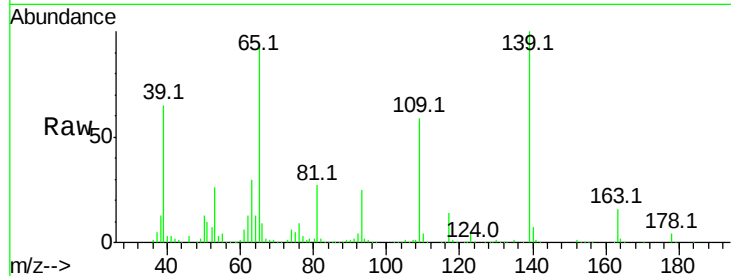
#55
4-Nitrophenol
Concen: 59.36 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	184336		
109	59.1	52.2	92.2	
65	94.5	85.8	125.8	

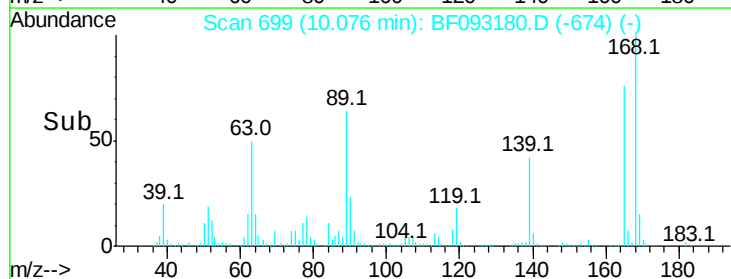
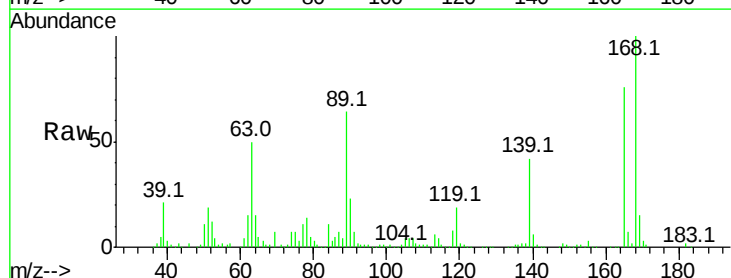
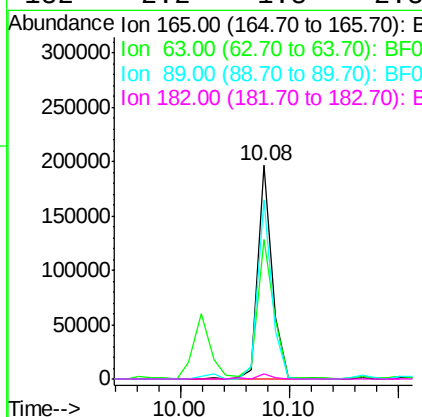
Manual Integrations
APPROVED

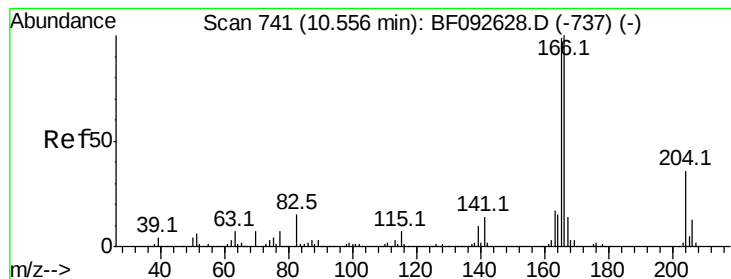
mohammad
2/27/2017 1:08:29 PM



#56
2,4-Dinitrotoluene
Concen: 36.67 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	183930		
63	65.4	40.2	60.4#	
89	84.2	62.5	93.7	
182	2.2	1.8	2.8	





#57

Fluorene

Concen: 43.99 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Instrument :

BNA_F

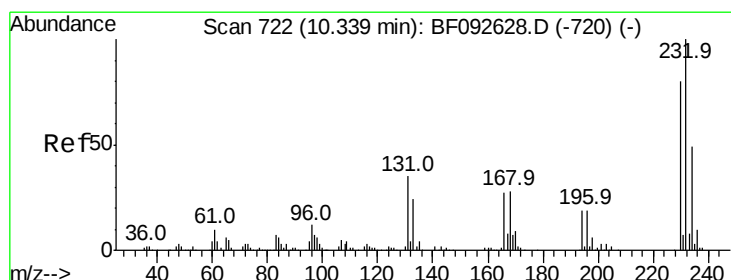
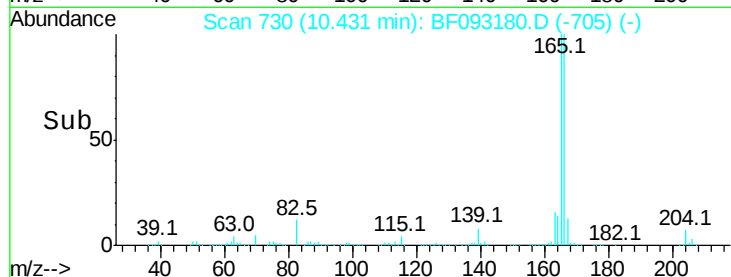
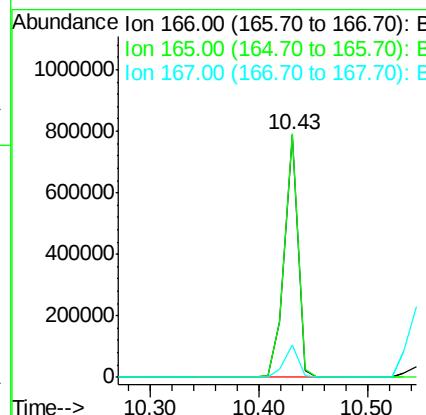
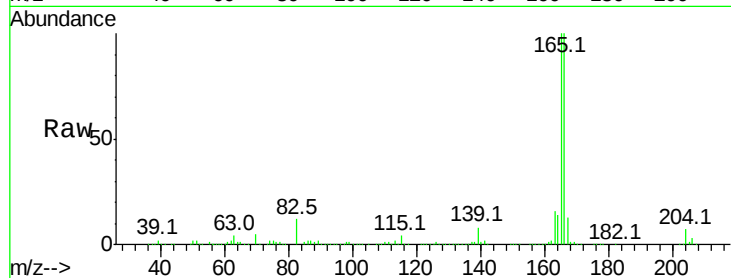
ClientSampled :

E2-Z5-BASEMSD

Tot Ion:	166	Resp:	685971
Ion Ratio	Lower	Upper	
166	100		
165	100.4	77.8	116.8
167	13.2	10.8	16.2

Manual Integrations
APPROVED

mohammad
2/27/2017 1:08:29 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.46 ng

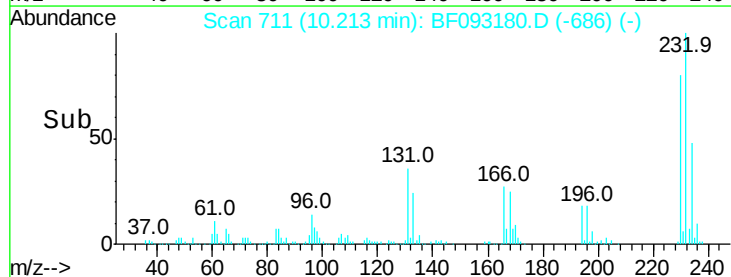
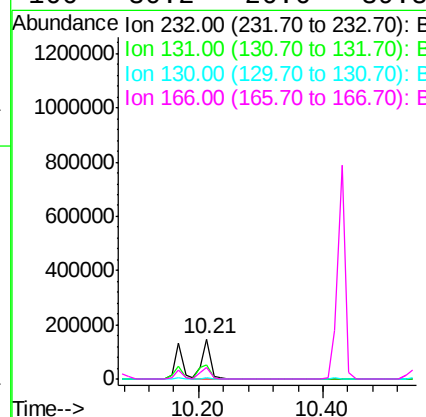
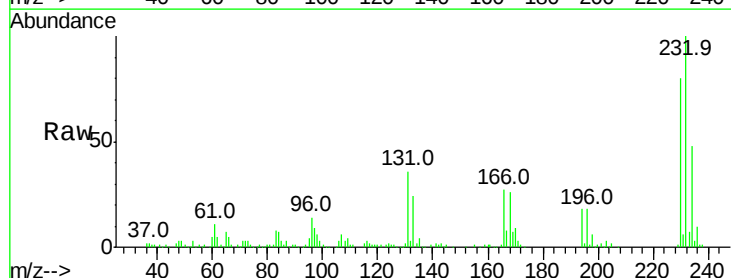
RT: 10.21 min Scan# 711

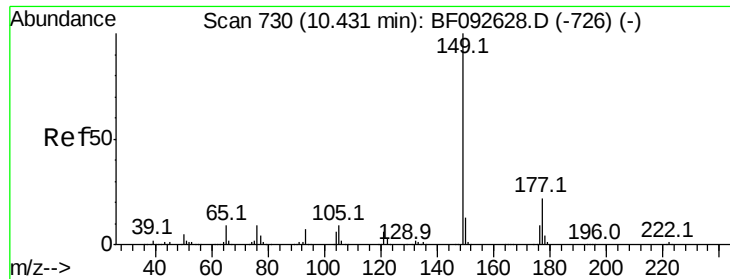
Delta R.T. -0.01 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Tgt Ion:	232	Resp:	148281
Ion Ratio	Lower	Upper	
232	100		
131	45.1	40.1	60.1
130	2.4	1.8	2.8
166	30.2	26.6	39.8





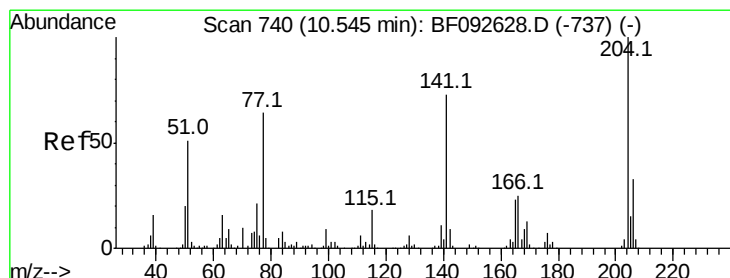
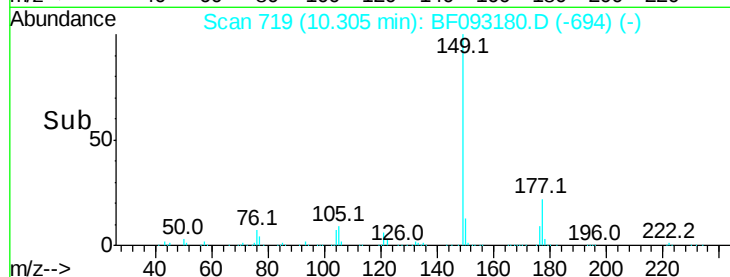
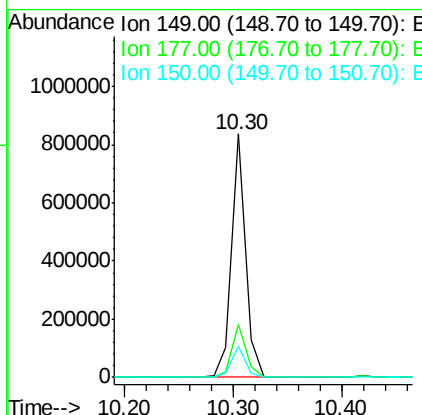
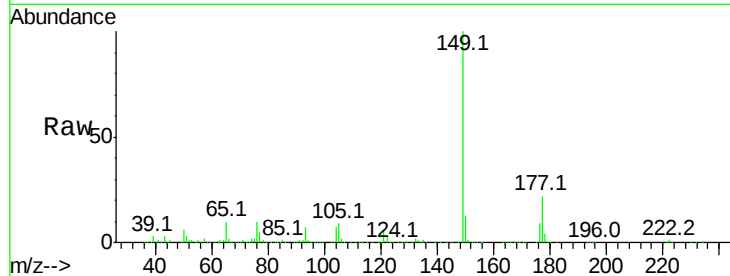
#59
Diethylphthalate
Concen: 44.87 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	737795		
177	21.5	16.6	25.0	
150	12.8	10.4	15.6	

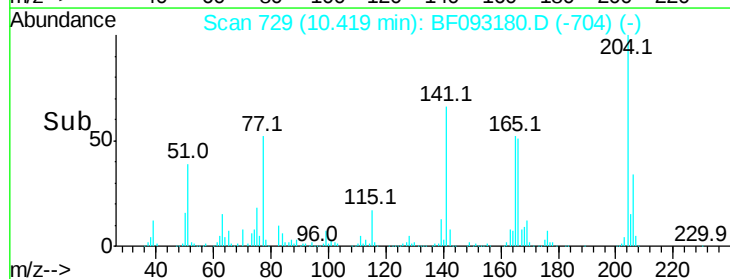
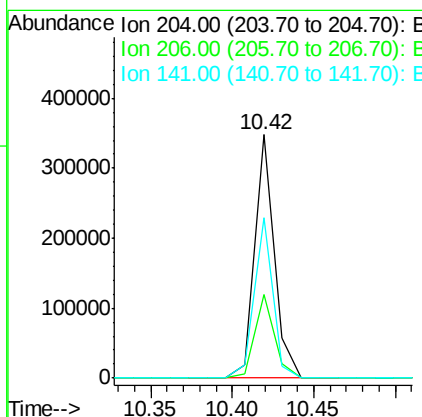
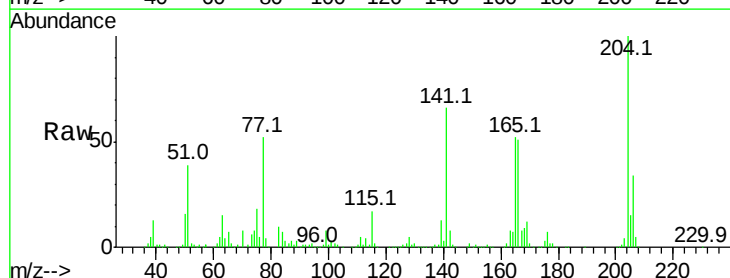
Manual Integrations
APPROVED

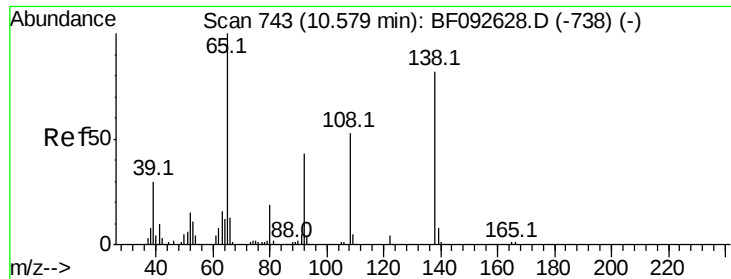
mohammad
2/27/2017 1:08:29 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.92 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	291596		
206	34.2	25.8	38.6	
141	65.8	59.4	89.0	





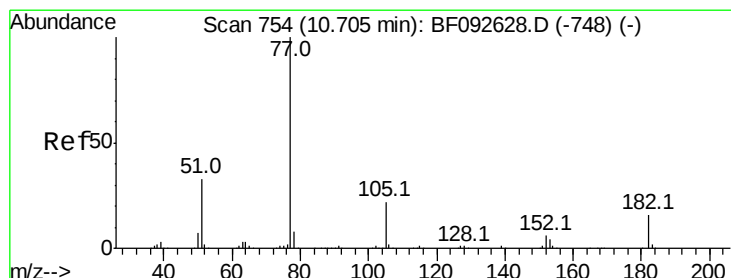
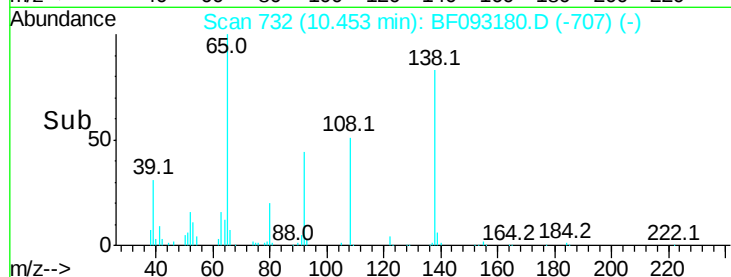
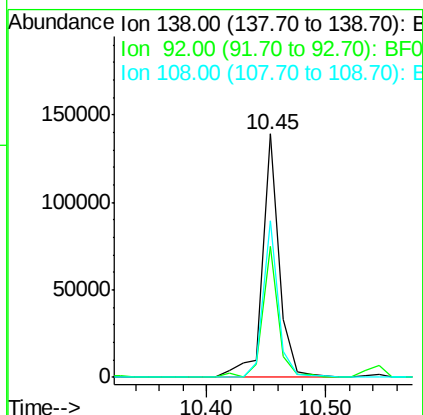
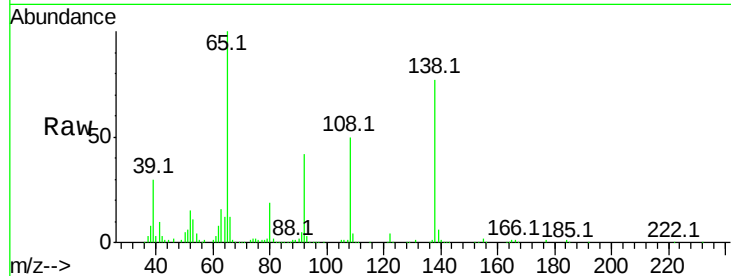
#61
4-Nitroaniline
Concen: 31.12 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.9	31.7	71.7
108	64.4	52.6	92.6

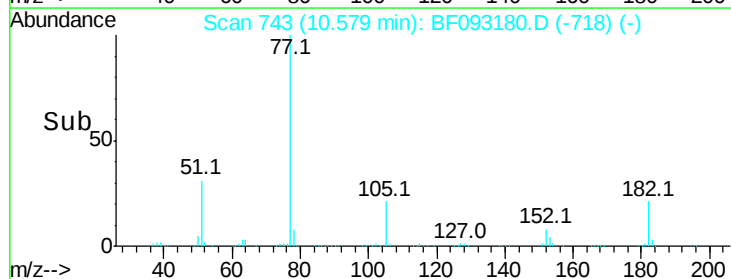
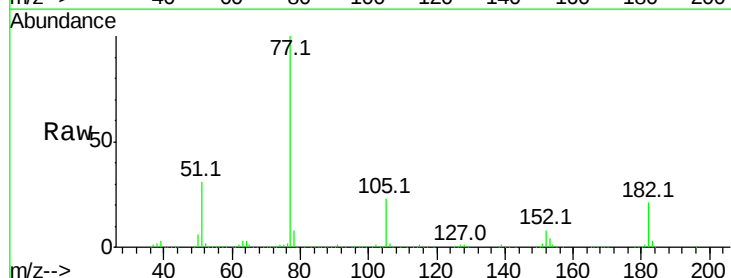
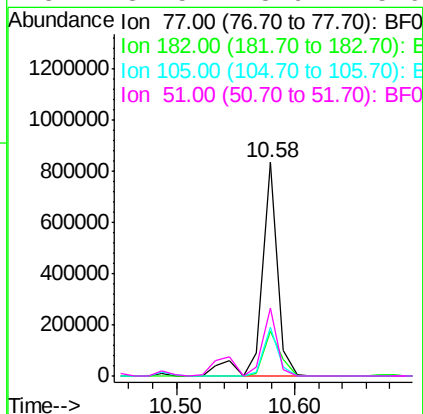
Manual Integrations
APPROVED

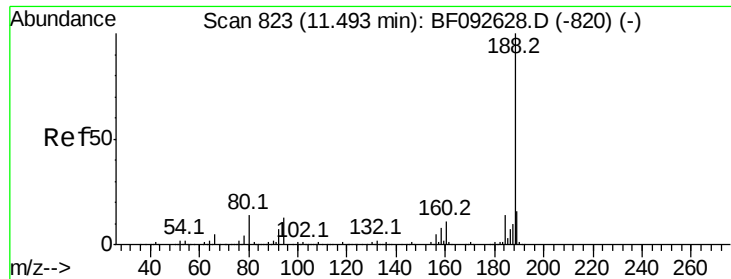
mohammad
2/27/2017 1:08:29 PM



#62
Azobenzene
Concen: 45.69 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.8	0.0	39.3
105	22.7	2.3	42.3
51	31.5	8.9	48.9





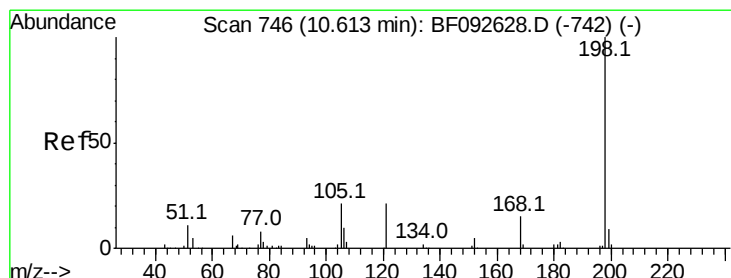
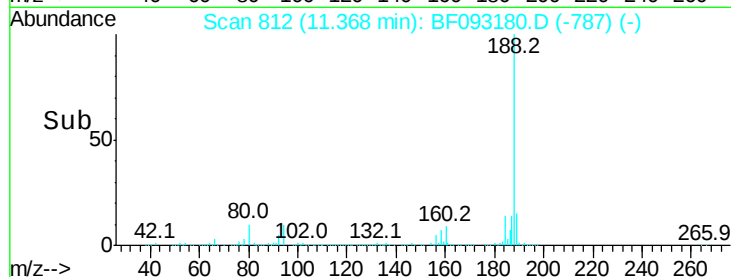
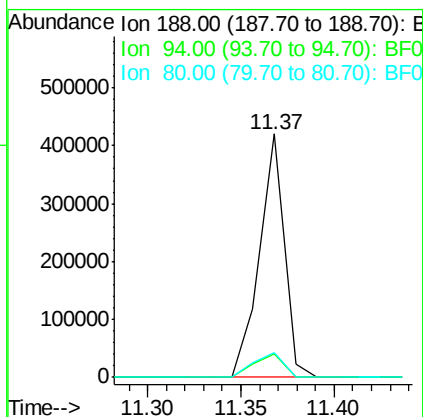
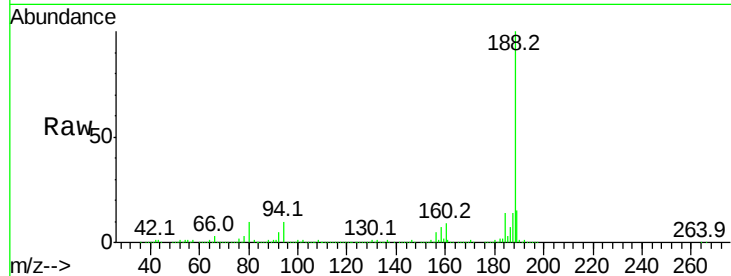
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	386160		
94	9.8	10.0	15.0#	
80	10.1	11.2	16.8#	

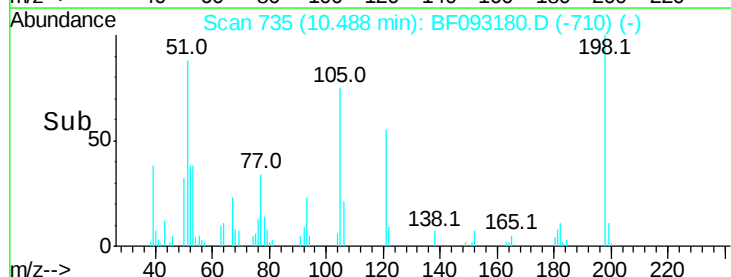
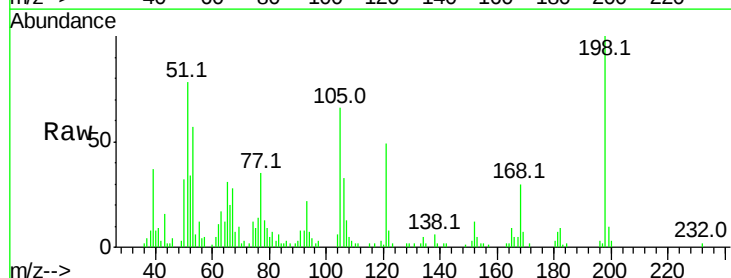
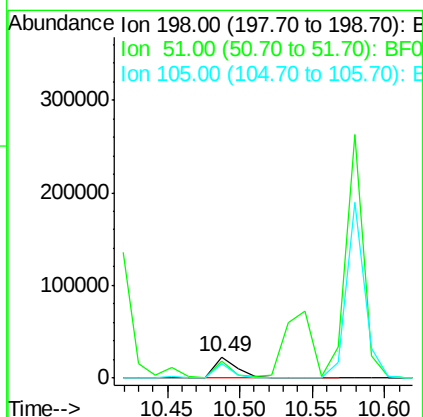
Manual Integrations
APPROVED

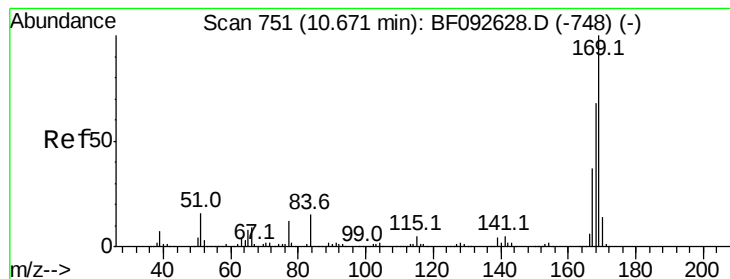
mohammad
2/27/2017 1:08:29 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 12.44 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	24316		
51	78.2	6.7	46.7#	
105	66.4	16.6	56.6#	





#65

n-Nitrosodiphenylamine

Concen: 48.86 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Instrument :

BNA_F

ClientSampleId :

E2-Z5-BASEMSD

Tot Ion:169 Resp: 602775

Ion Ratio Lower Upper

169 100

168 67.7 54.2 81.2

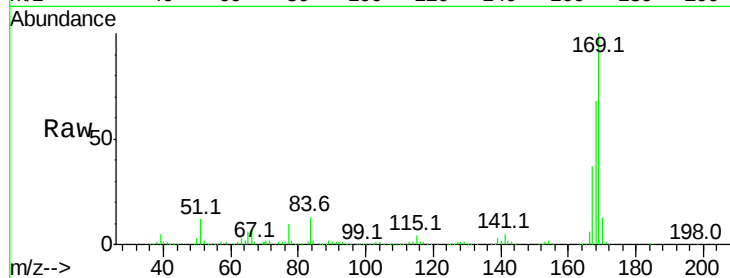
167 37.3 30.2 45.4

Manual Integrations

APPROVED

mohammad

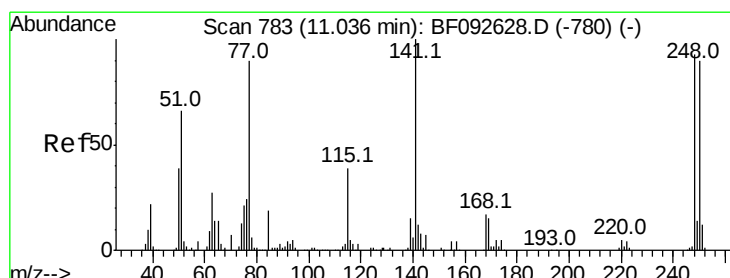
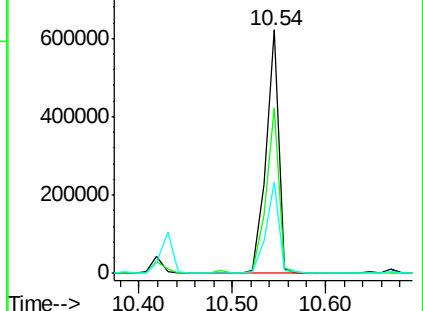
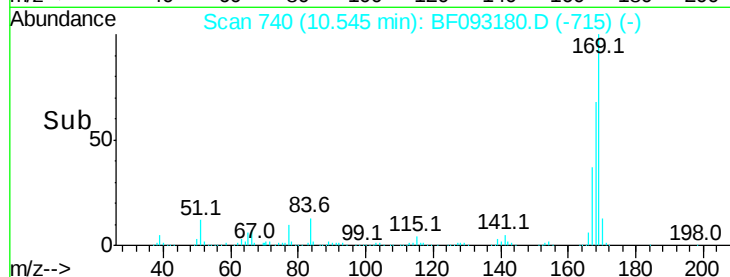
2/27/2017 1:08:29 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.35 ng

RT: 10.91 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

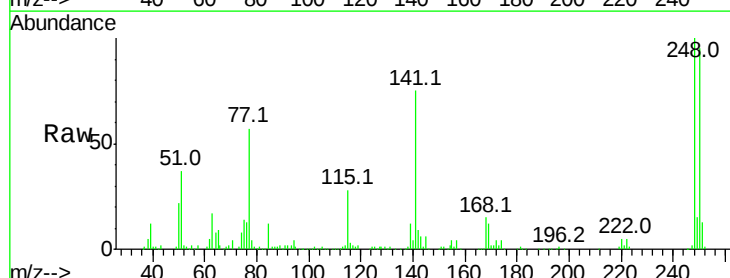
Tgt Ion:248 Resp: 178925

Ion Ratio Lower Upper

248 100

250 95.3 76.9 115.3

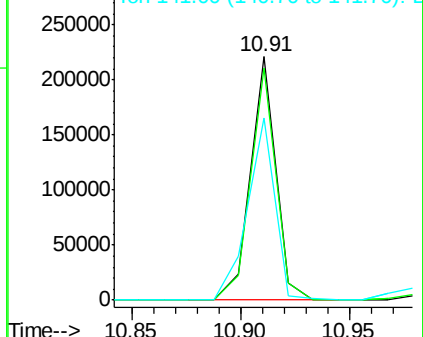
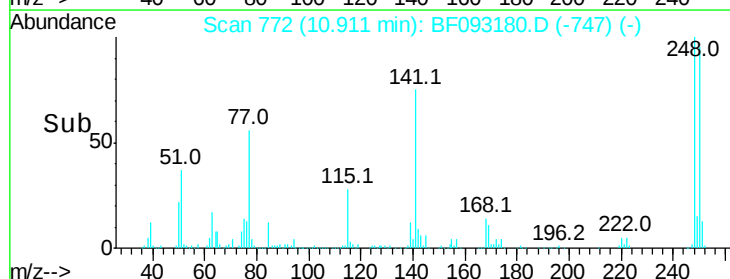
141 74.7 68.2 102.4

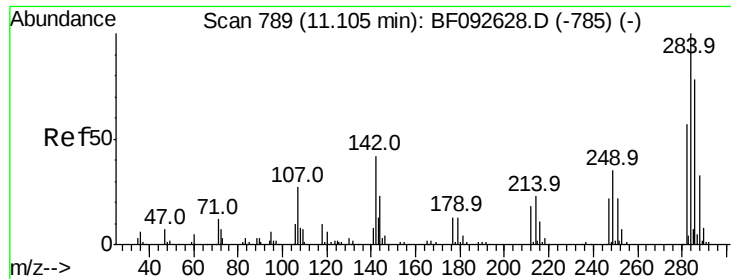


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





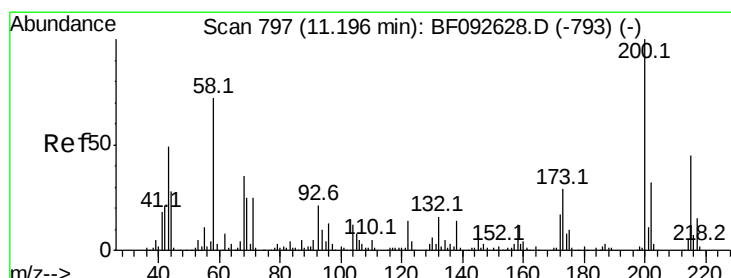
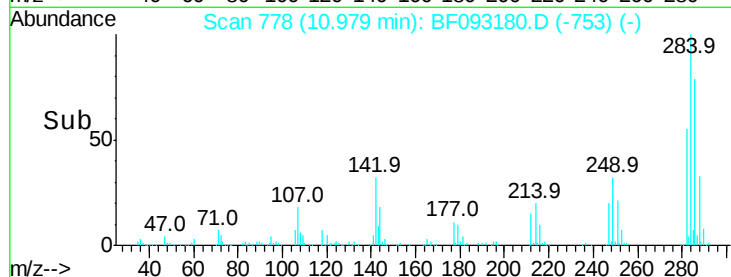
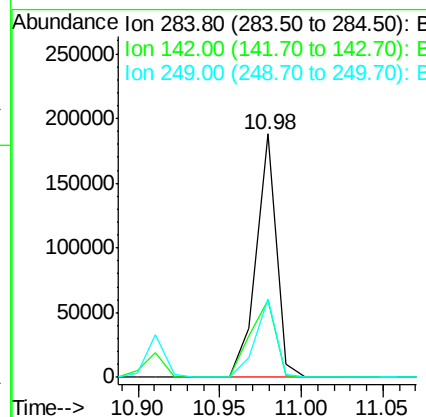
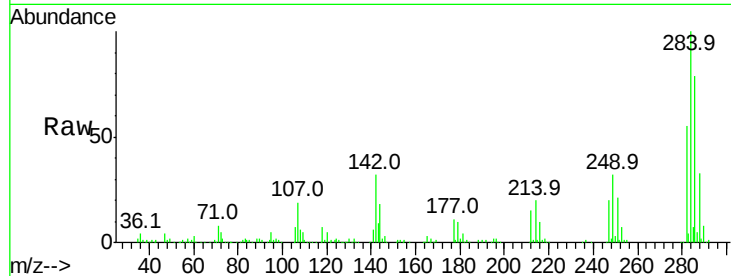
#67
Hexachlorobenzene
Concen: 40.73 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	31.8	22.6	33.8
249	32.0	25.4	38.0

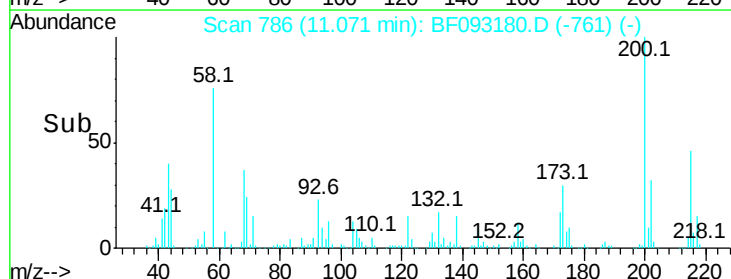
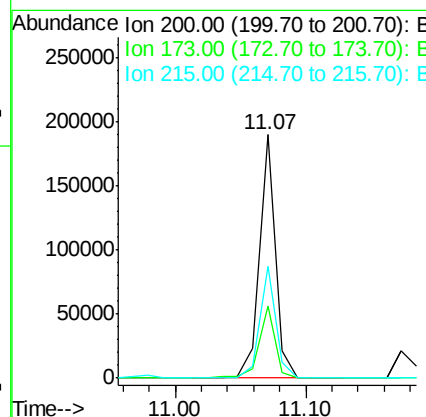
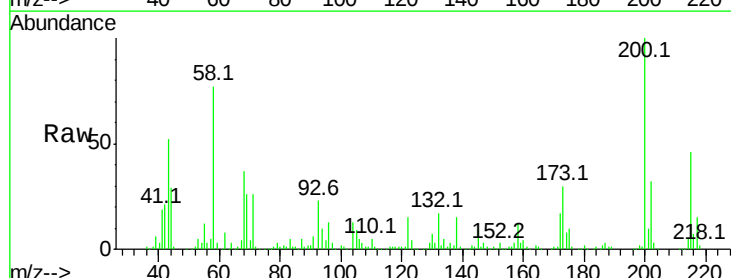
Manual Integrations
APPROVED

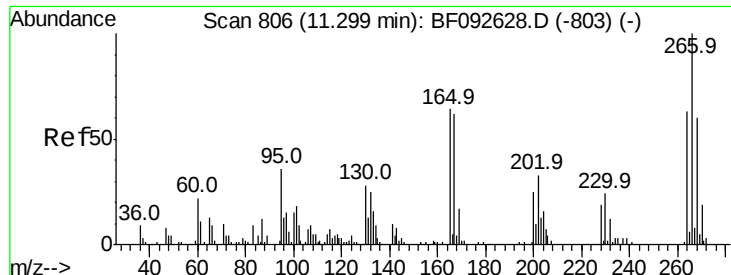
mohammad
2/27/2017 1:08:29 PM



#68
Atrazine
Concen: 41.04 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.6	9.6	49.6
215	46.1	25.7	65.7





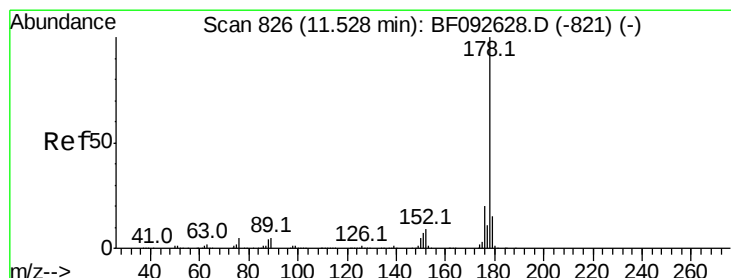
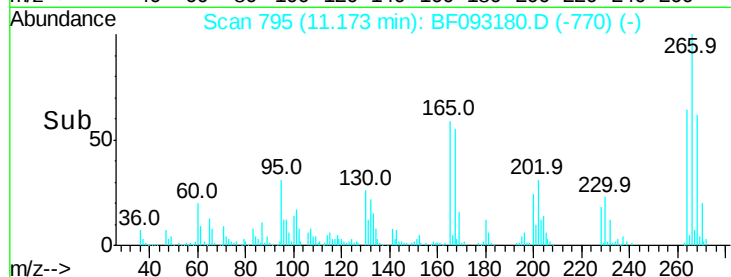
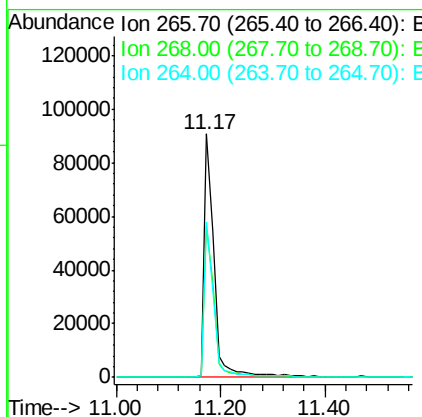
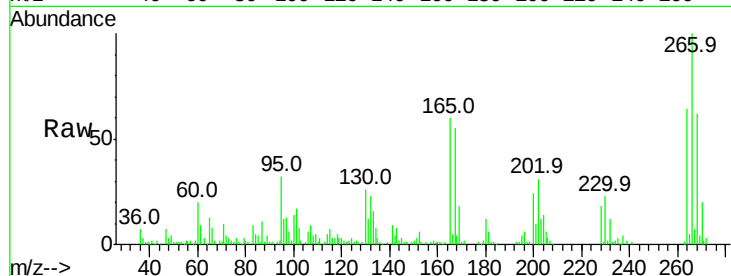
#69
 Pentachlorophenol
 Concen: 61.00 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF093180.D
 Acq: 25 Feb 2017 9:20

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	121683		
268	62.1	53.3	79.9	
264	63.6	50.3	75.5	

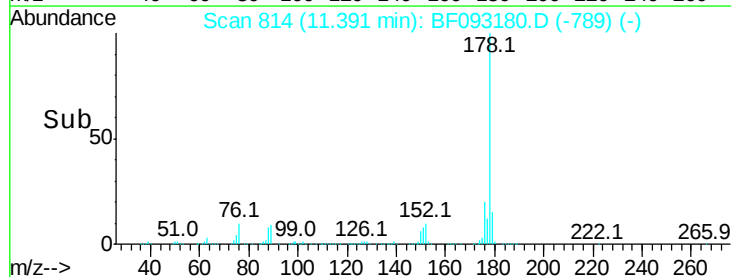
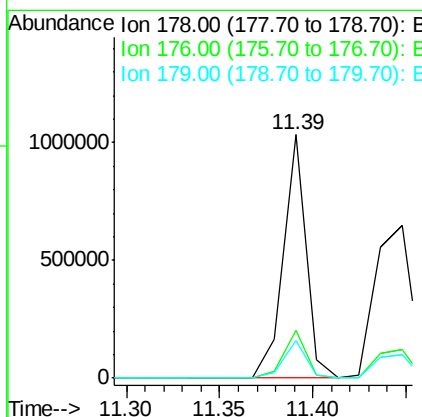
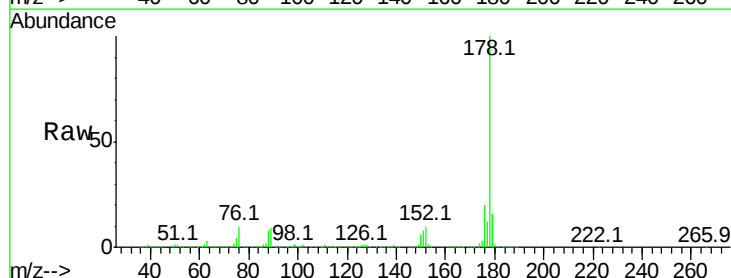
Manual Integrations
 APPROVED

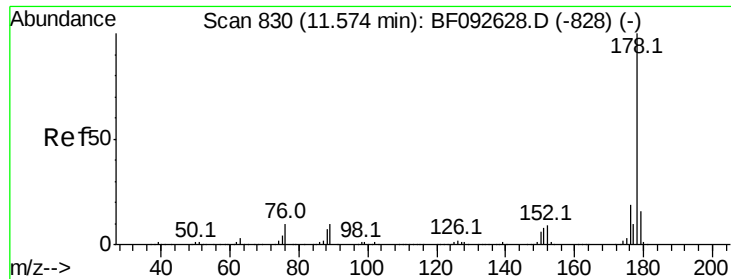
mohammad
 2/27/2017 1:08:29 PM



#70
 Phenanthrene
 Concen: 39.76 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF093180.D
 Acq: 25 Feb 2017 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	879645		
176	19.8	16.6	25.0	
179	15.6	12.8	19.2	





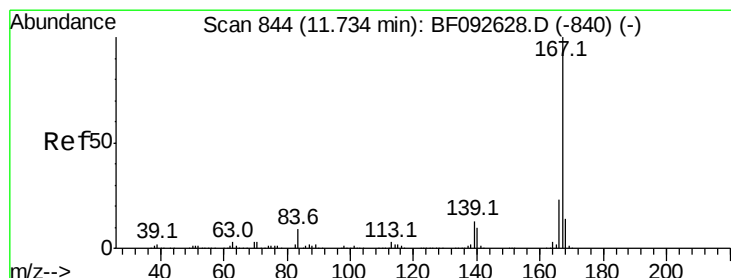
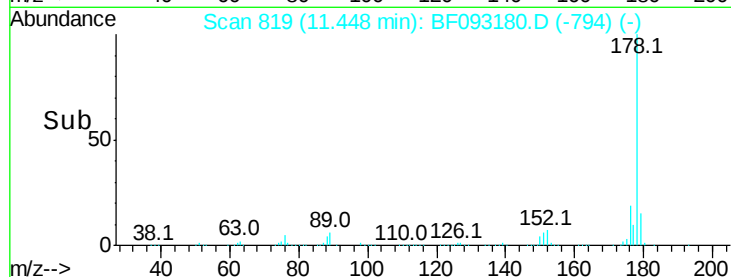
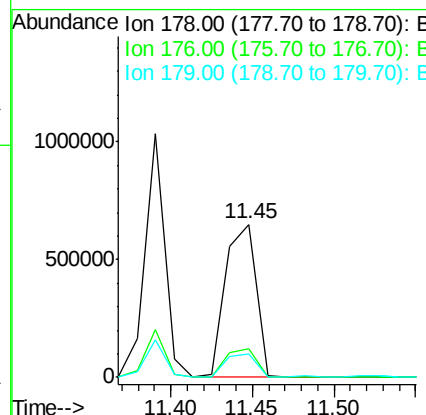
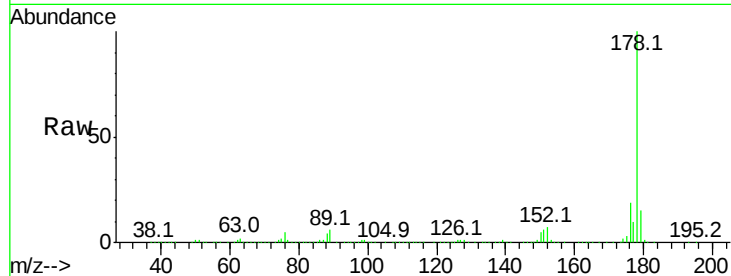
#71
 Anthracene
 Concen: 37.83 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF093180.D
 Acq: 25 Feb 2017 9:20

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z5-BASEMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.9	23.9
179	14.9	13.2	19.8

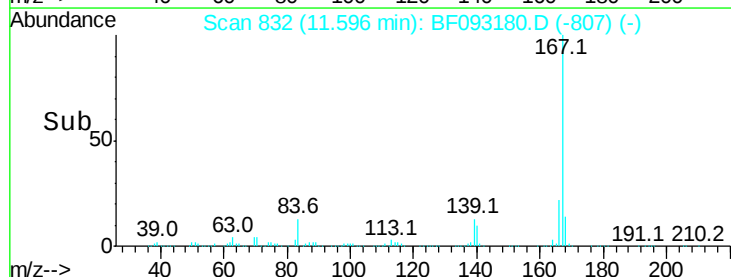
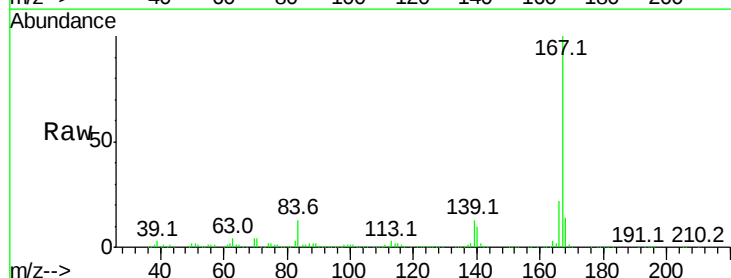
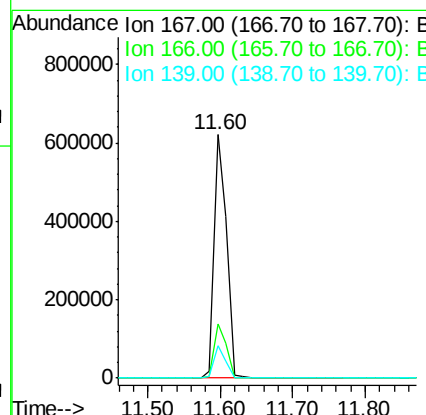
Manual Integrations
 APPROVED

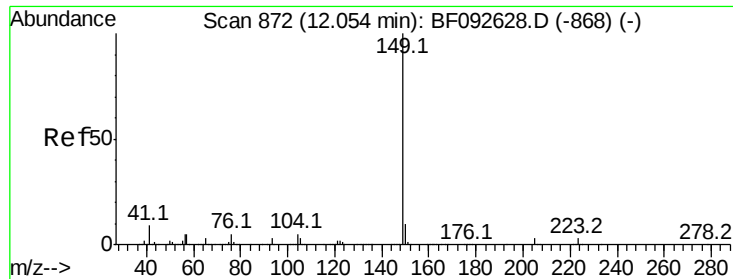
mohammad
 2/27/2017 1:08:29 PM



#72
 Carbazole
 Concen: 34.78 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF093180.D
 Acq: 25 Feb 2017 9:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.2
139	13.5	11.4	17.2





#73

Di-n-butylphthalate

Concen: 43.86 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Instrument :

BNA_F

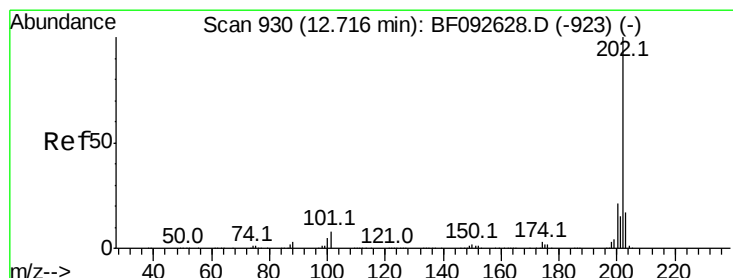
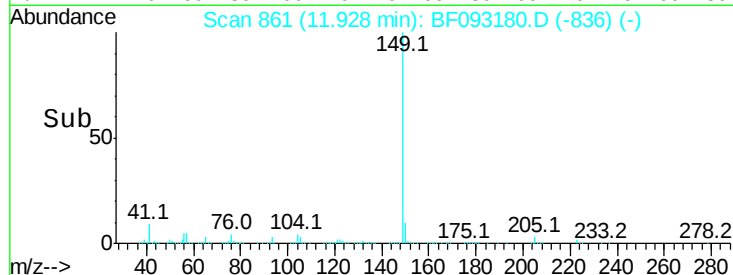
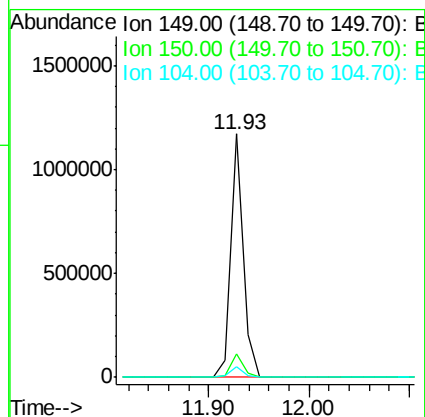
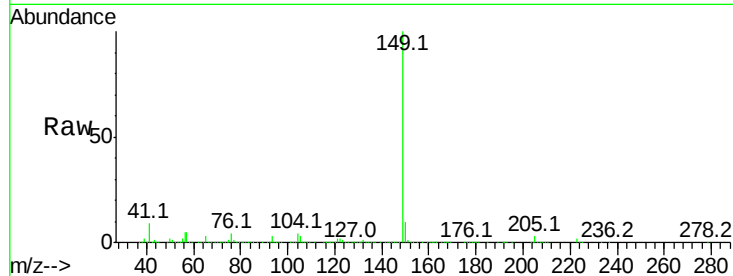
ClientSampleId :

E2-Z5-BASEMSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	4.5	4.6	7.0

Manual Integrations
APPROVED

mohammad
2/27/2017 1:08:29 PM



#74

Fluoranthene

Concen: 35.63 ng

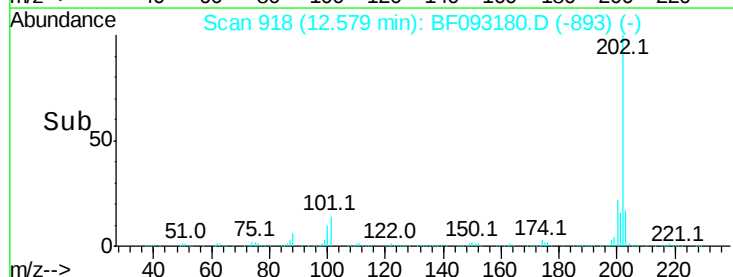
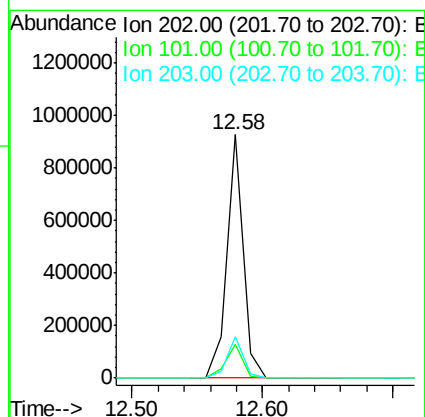
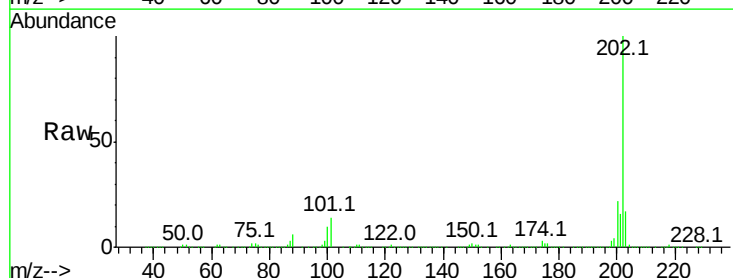
RT: 12.58 min Scan# 918

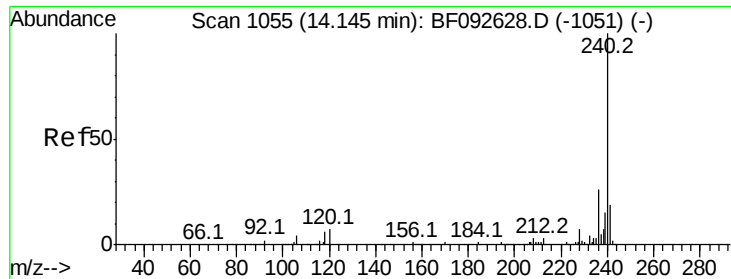
Delta R.T. -0.01 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	34.6
203	17.2	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Instrument :

BNA_F

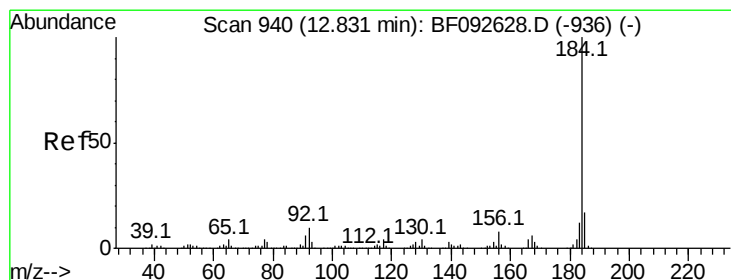
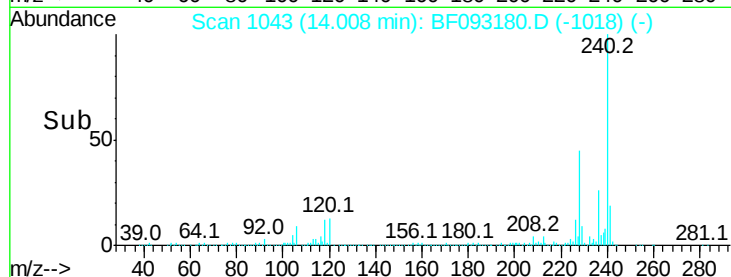
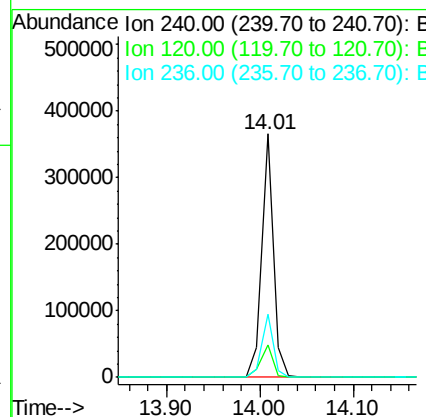
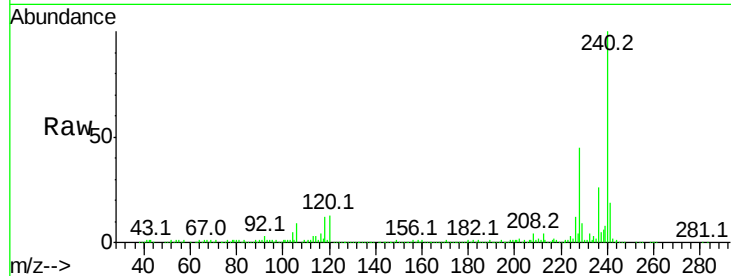
ClientSampleId :

E2-Z5-BASEMSD

Tot Ion:	240	Resp:	317100
Ion Ratio		Lower	Upper
240	100		
120	13.3	12.9	19.3
236	25.8	20.9	31.3

Manual Integrations
APPROVED

mohammad
2/27/2017 1:08:29 PM



#76

Benzidine

Concen: 10.71 ng

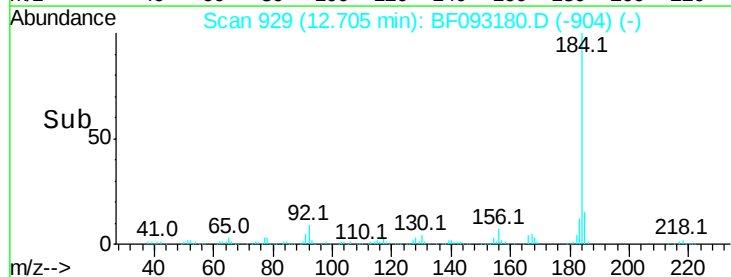
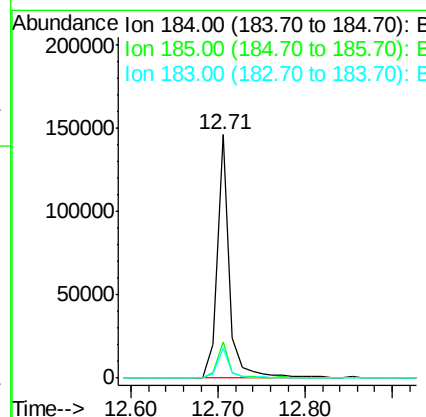
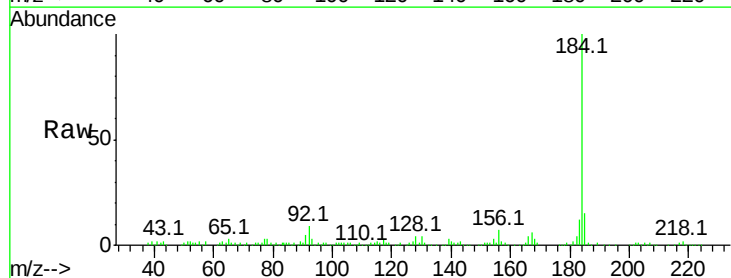
RT: 12.71 min Scan# 929

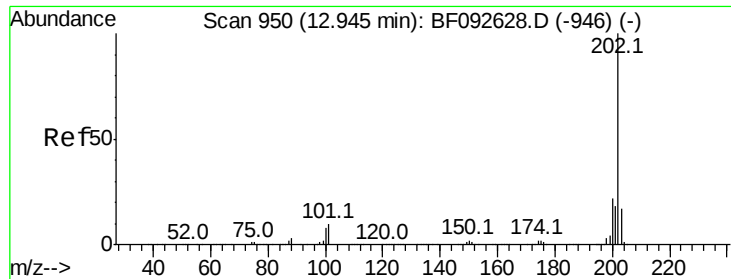
Delta R.T. -0.01 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Tgt Ion:	184	Resp:	144671
Ion Ratio		Lower	Upper
184	100		
185	15.0	13.4	20.0
183	12.0	9.2	13.8





#77

Pvrene

Concen: 33.56 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Instrument :

BNA_F

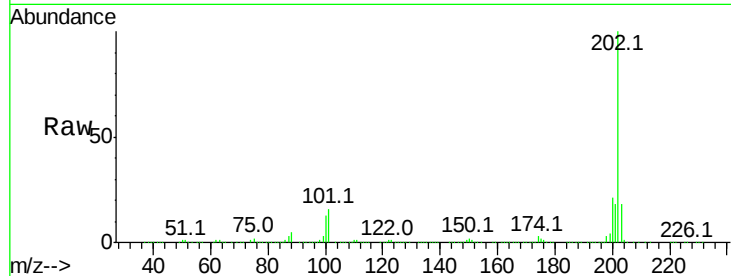
ClientSampleId :

E2-Z5-BASEMSD

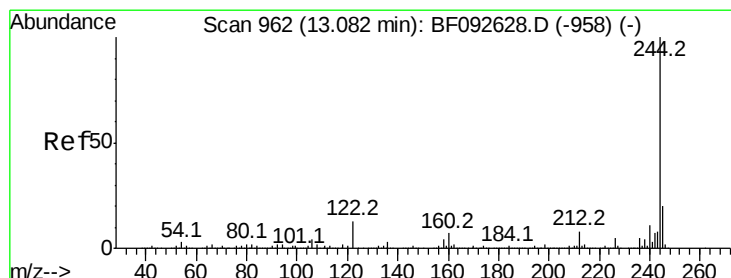
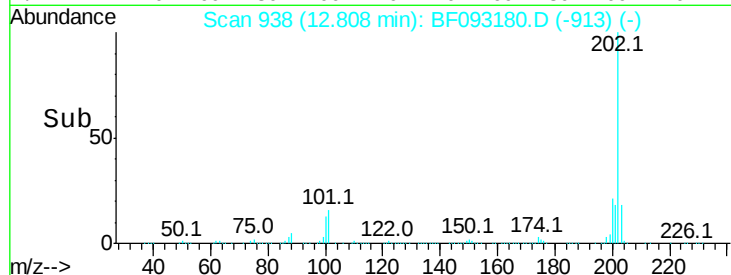
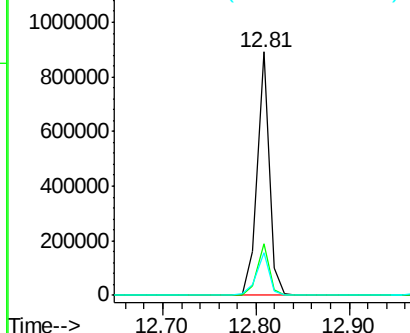
Tot Ion:	202	Resp:	796434
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.7	26.5
203	17.8	14.7	22.1

Manual Integrations
APPROVED

mohammad
2/27/2017 1:08:29 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: 56.49 ng

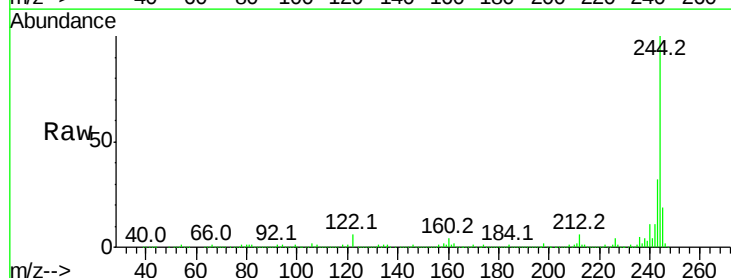
RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

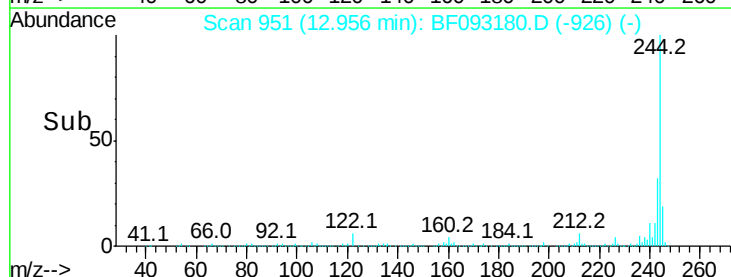
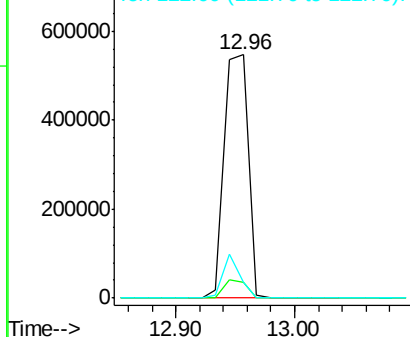
Lab File: BF093180.D

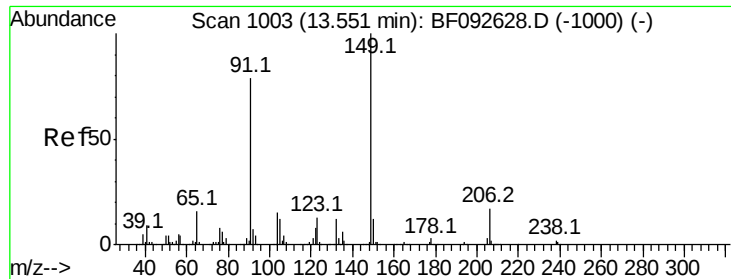
Acq: 25 Feb 2017 9:20

Tgt Ion:	244	Resp:	762322
Ion Ratio	Lower	Upper	
244	100		
212	6.2	6.2	9.2
122	6.4	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





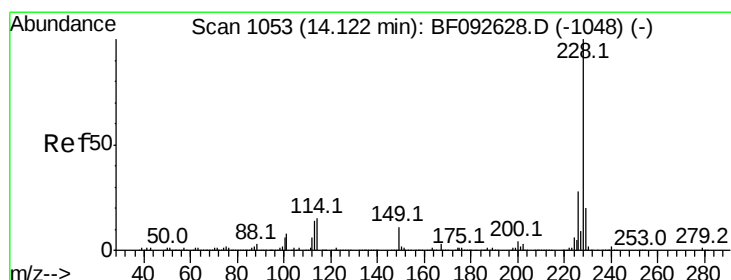
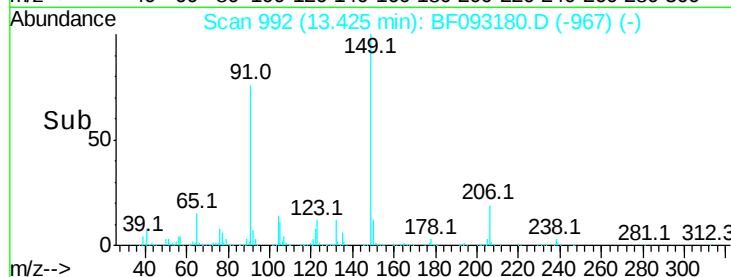
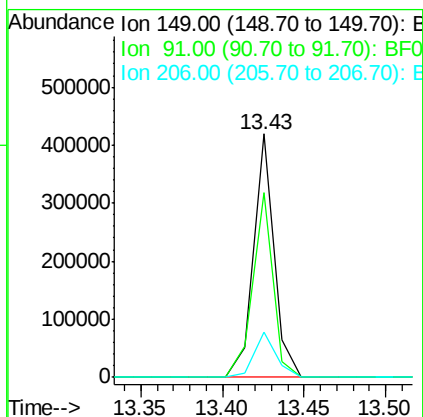
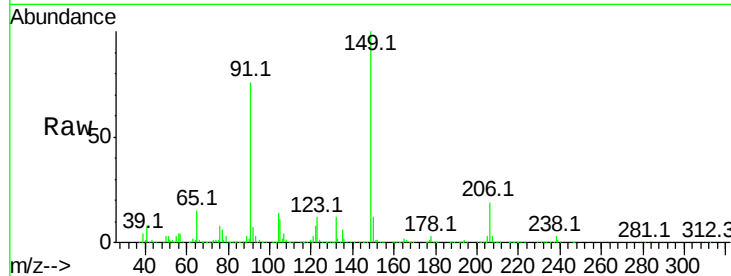
#79
Butylbenzylphthalate
Concen: 38.06 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	366794		
91	76.1	63.9	95.9	
206	18.7	14.6	21.8	

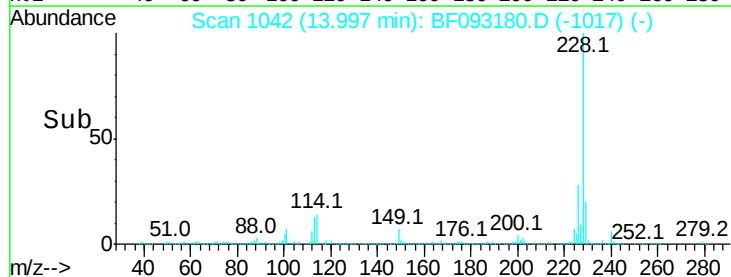
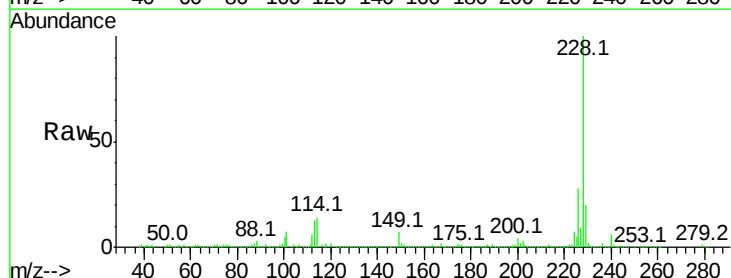
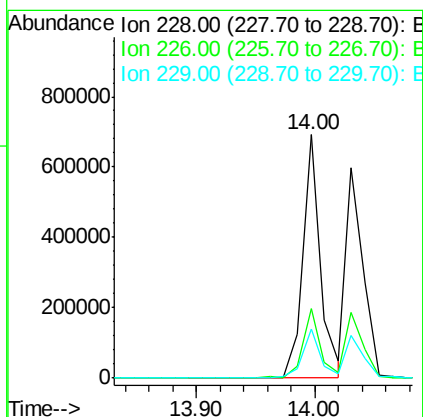
Manual Integrations
APPROVED

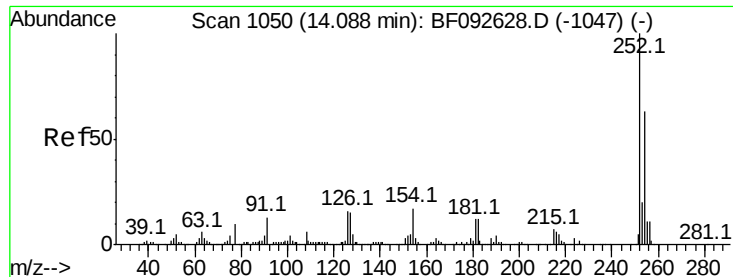
mohammad
2/27/2017 1:08:29 PM



#80
Benzo(a)anthracene
Concen: 36.66 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	711011		
226	28.5	22.4	33.6	
229	20.1	16.2	24.4	





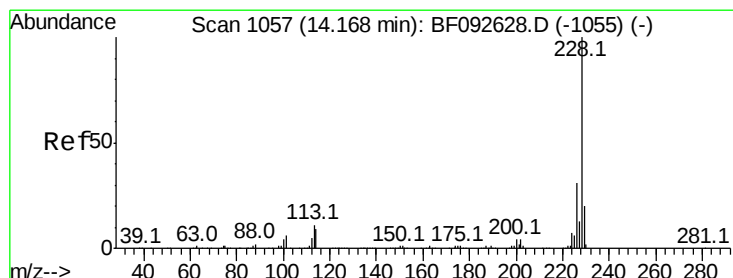
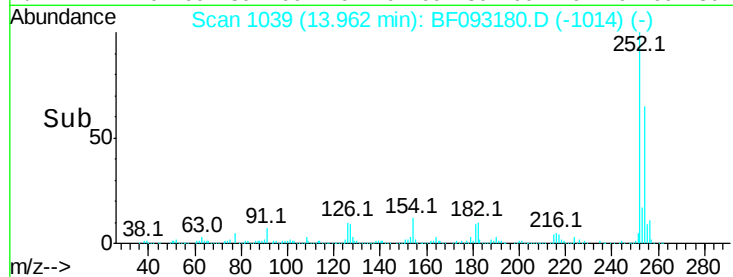
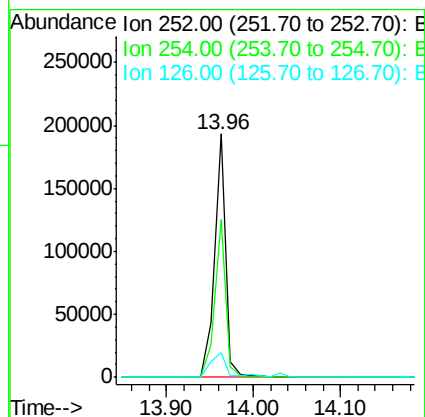
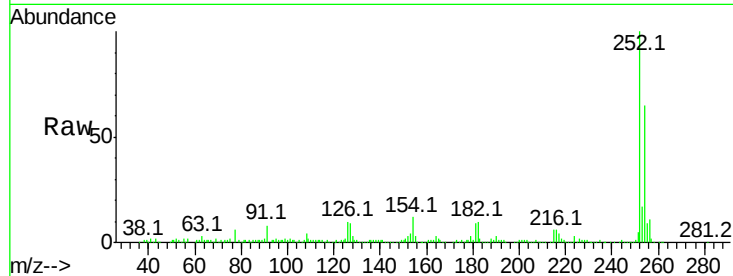
#81
 3,3'-Dichlorobenzidine
 Concen: 25.52 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF093180.D
 Acq: 25 Feb 2017 9:20

Instrument :
 BNA_F
 ClientSampled :
 E2-Z5-BASEMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.3	78.5
126	10.0	13.6	20.4

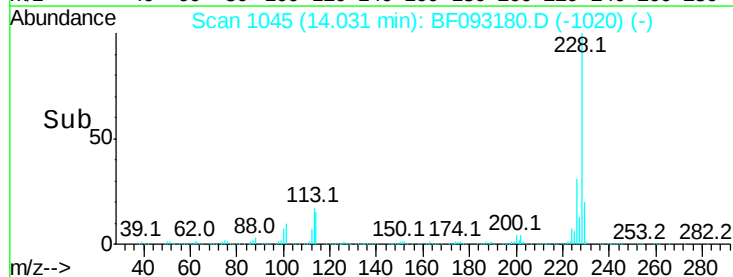
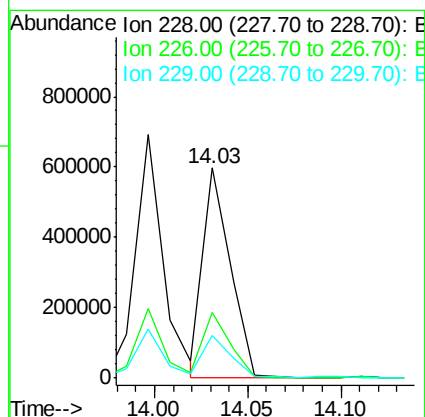
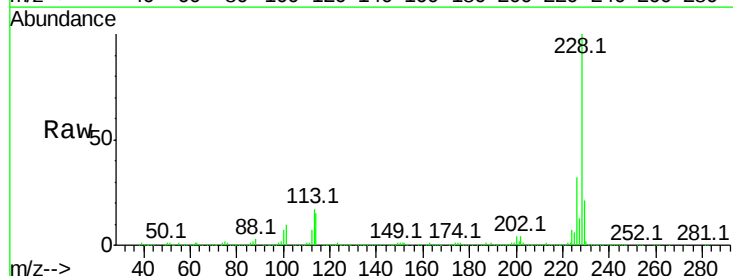
Manual Integrations
 APPROVED

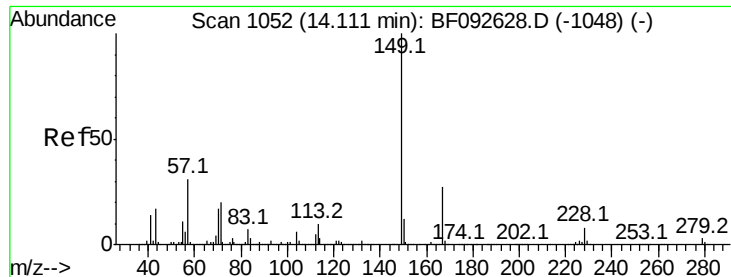
mohammad
 2/27/2017 1:08:29 PM



#82
 Chrysene
 Concen: 33.06 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF093180.D
 Acq: 25 Feb 2017 9:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.4	38.0
229	20.6	16.2	24.2





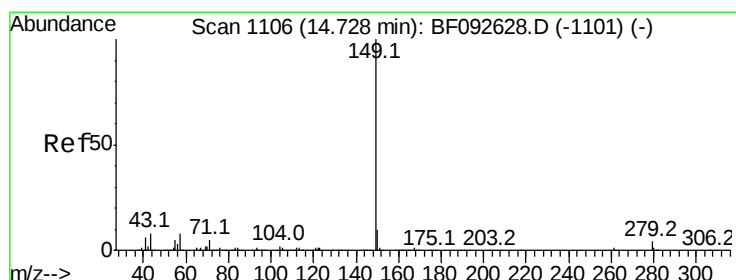
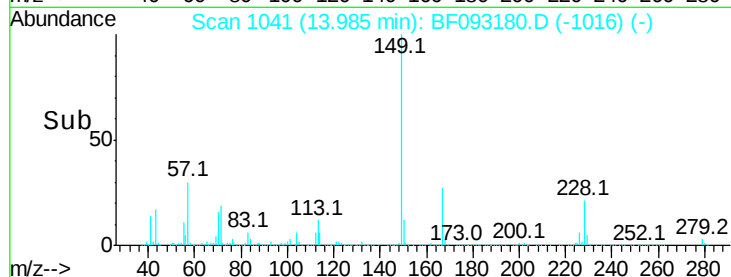
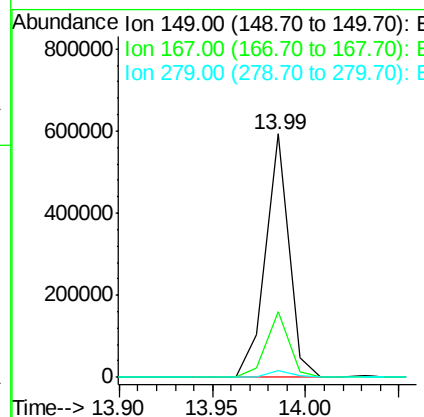
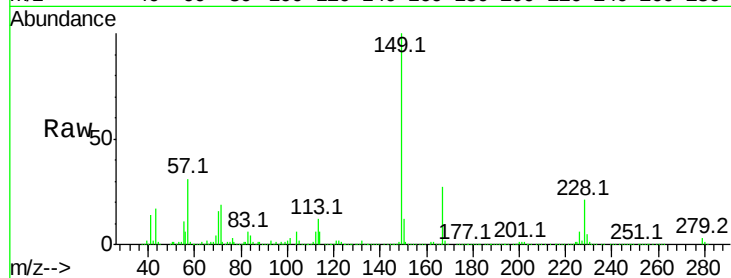
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.76 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF093180.D
 Acq: 25 Feb 2017 9:20

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z5-BASEMSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.9	20.2	30.4
279	2.8	1.8	2.8#

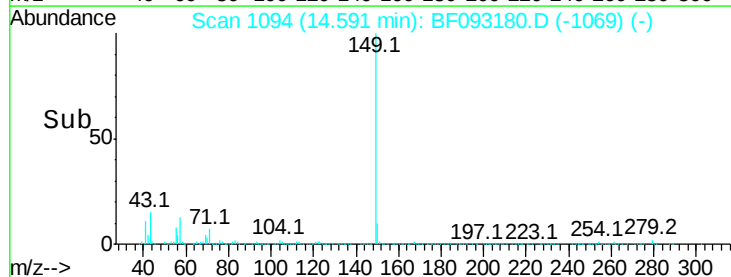
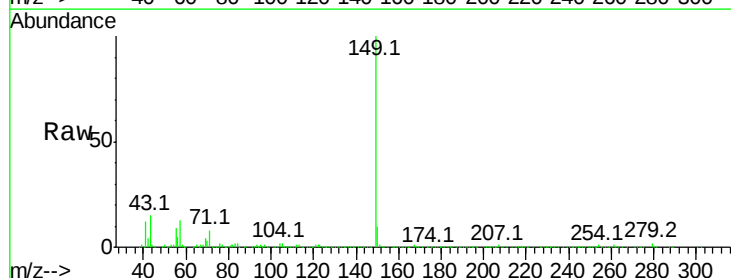
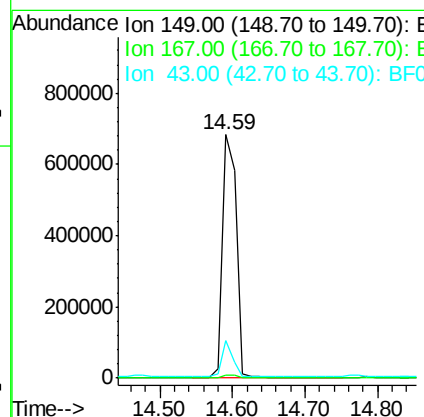
Manual Integrations
 APPROVED

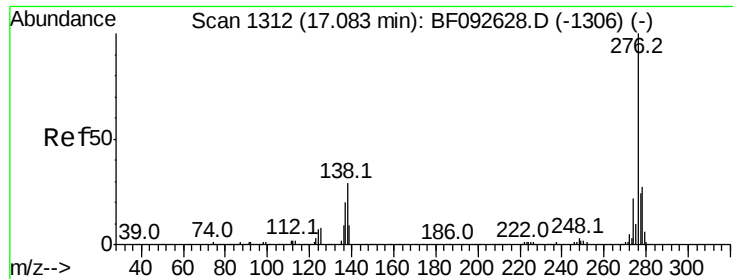
mohammad
 2/27/2017 1:08:29 PM



#84
 Di-n-octyl phthalate
 Concen: 41.74 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF093180.D
 Acq: 25 Feb 2017 9:20

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.8	8.9	13.3





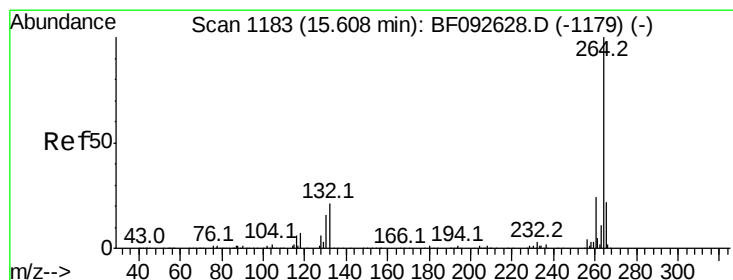
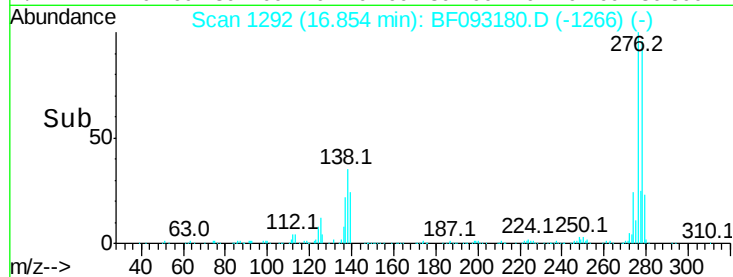
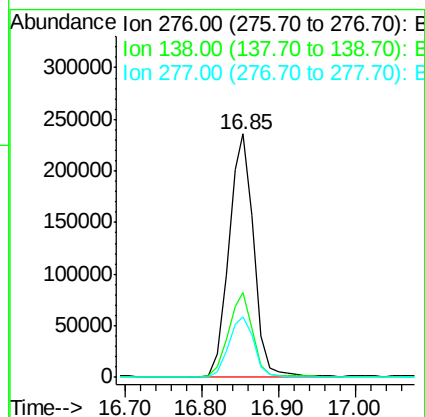
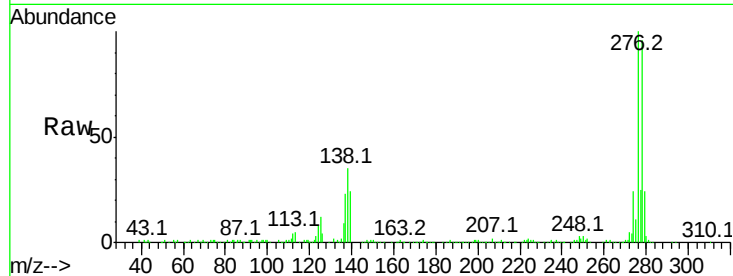
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.00 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.6	21.8	32.6#
277	26.4	20.2	30.4

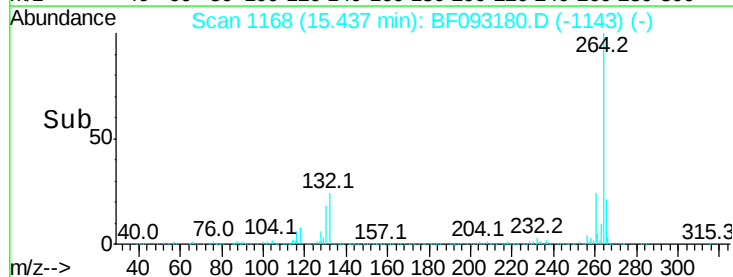
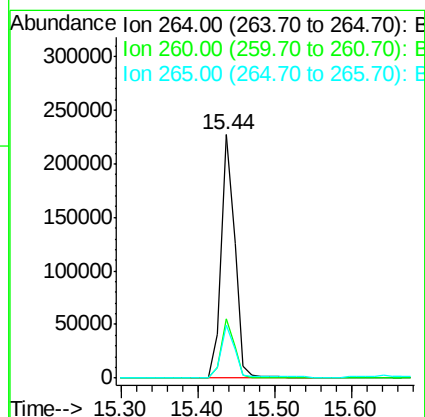
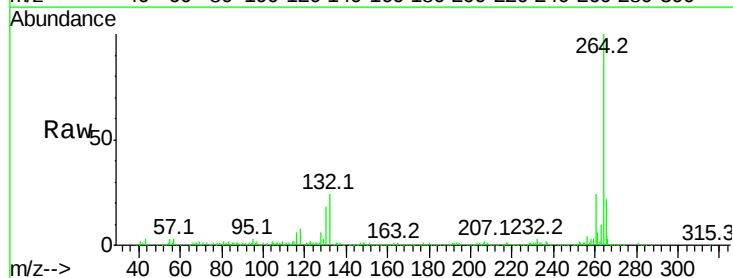
Manual Integrations
APPROVED

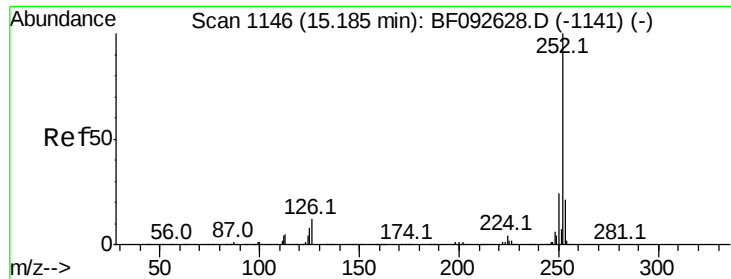
mohammad
2/27/2017 1:08:29 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 43.52 ng m

RT: 15.04 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Instrument :

BNA_F

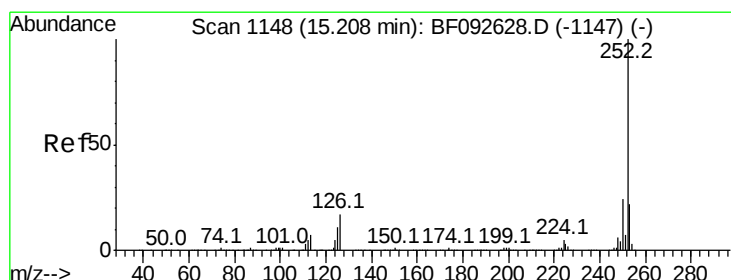
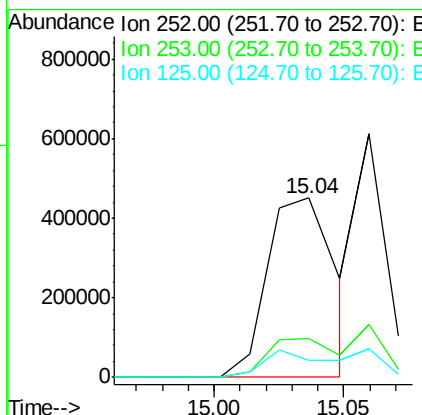
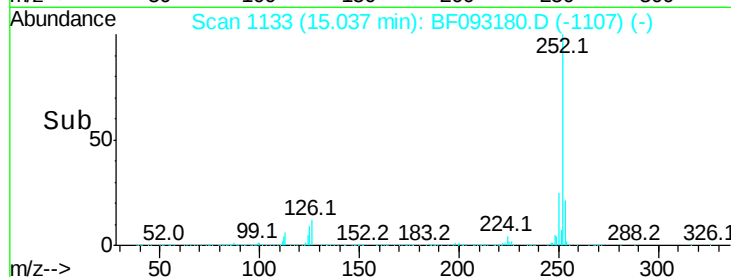
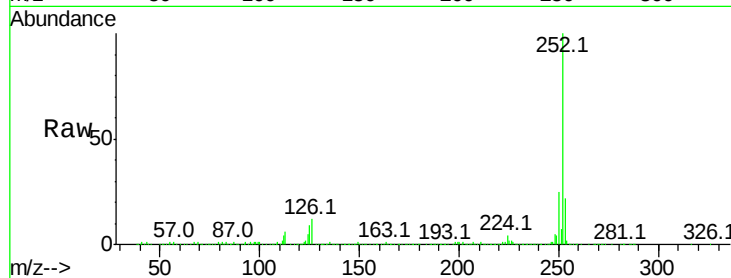
ClientSampleId :

E2-Z5-BASEMSD

Tot Ion:	252	Resp:	814836
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.2	27.4
125	9.4	9.8	14.6

Manual Integrations
APPROVED

mohammad
2/27/2017 1:08:29 PM



#88

Benzo(k)fluoranthene

Concen: 31.32 ng m

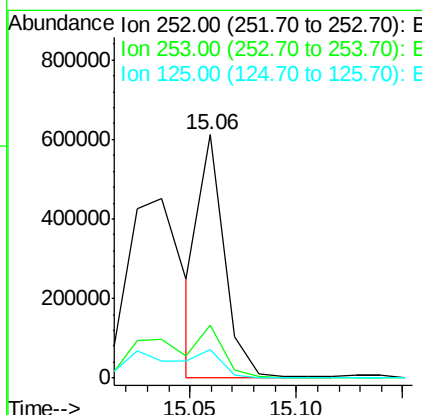
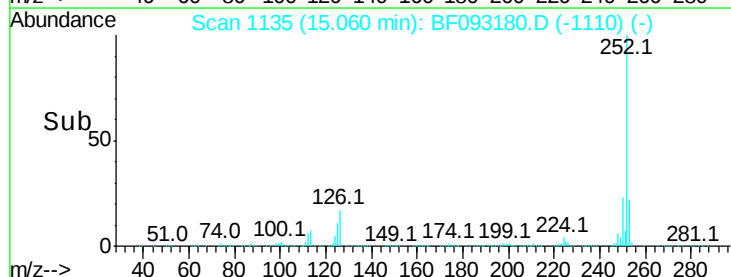
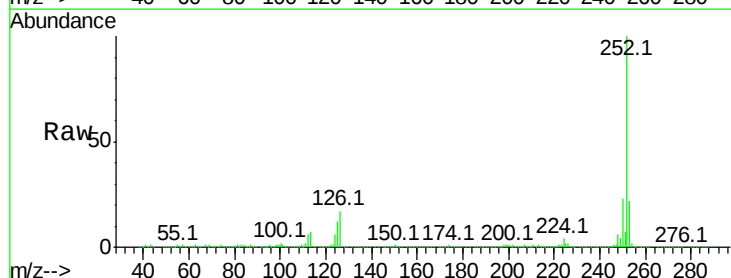
RT: 15.06 min Scan# 1135

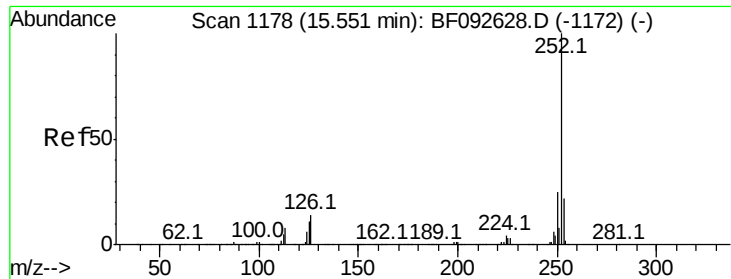
Delta R.T. -0.01 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Tgt Ion:	252	Resp:	506349
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.5	27.7
125	11.6	8.9	13.3





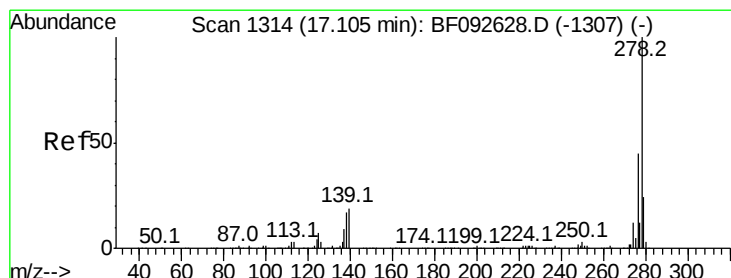
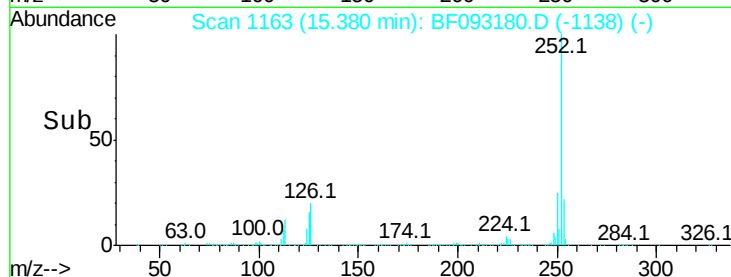
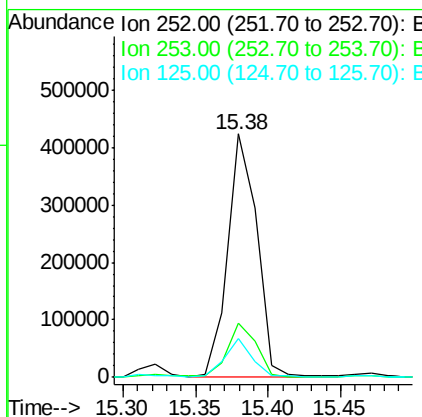
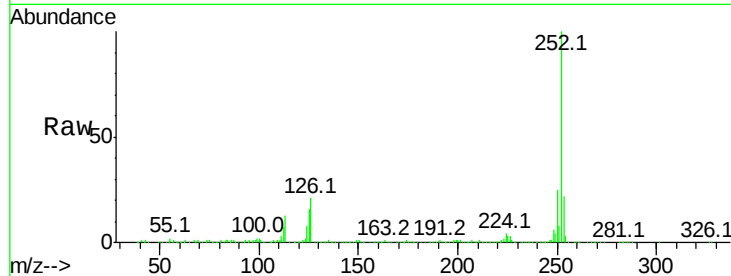
#89
Benzo(a)pyrene
Concen: 36.42 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	16.0	10.0	15.0

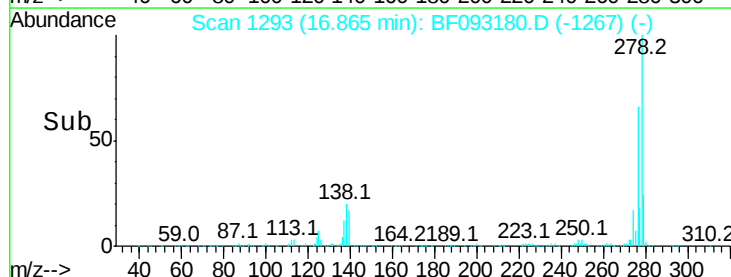
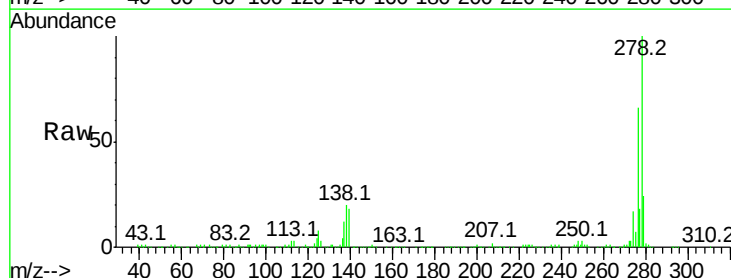
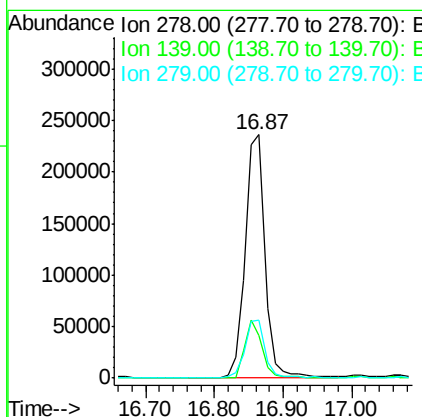
Manual Integrations
APPROVED

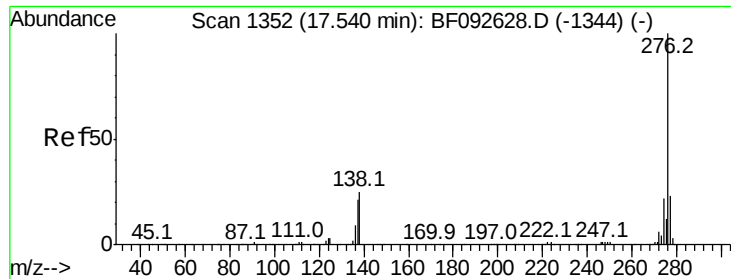
mohammad
2/27/2017 1:08:29 PM



#90
Dibenzo(a,h)anthracene
Concen: 35.71 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.8	22.2
279	24.1	19.8	29.6





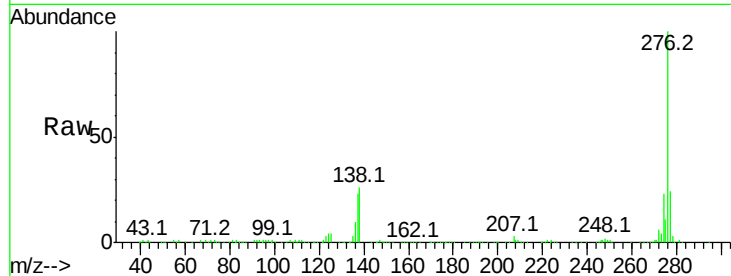
#91
 Benzo(a,h,i)perylene
 Concen: 31.84 ng
 RT: 17.28 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF093180.D
 Acq: 25 Feb 2017 9:20

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	421099		
277	23.9		19.2	28.8
138	26.2		16.0	24.0

Manual Integrations
 APPROVED

mohammad
 2/27/2017 1:08:29 PM



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

