

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
 Data File : BF095272.D
 Acq On : 19 May 2017 20:02
 Operator : SJ/MA
 Sample : I3203-06MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-T8-BASEMSD

Manual Integrations
 APPROVED

mohammad
 5/22/2017 1:29:49 PM

Quant Time: May 22 07:45:19 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	80965	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	363678	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	178574	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	322541	20.00	ng	0.00
75) Chrysene-d12	18.69	240	246051	20.00	ng	0.00
86) Perylene-d12	20.37	264	166338	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	699921	144.13	ng	0.00
7) Phenol-d6	7.31	99	859805	147.56	ng	0.00
23) Nitrobenzene-d5	8.67	82	548849	95.17	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	220358	150.68	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1006009	81.09	ng	0.00
78) Terphenyl-d14	17.34	244	858211	76.82	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.27	88	90188	37.87	ng	92
3) Pyridine	2.98	79	182442	33.05	ng	95
4) n-Nitrosodimethylamine	2.90	42	81611	35.47	ng	91
6) Aniline	7.28	93	285870	38.86	ng	95
8) 2-Chlorophenol	7.46	128	273907	49.55	ng	94
9) Benzaldehyde	7.10	77	85334	23.98	ng	97
10) Phenol	7.33	94	286750	46.70	ng	91
11) bis(2-Chloroethyl)ether	7.41	93	252851	49.88	ng	94
12) 1,3-Dichlorobenzene	7.67	146	282798	45.10	ng	99
13) 1,4-Dichlorobenzene	7.80	146	290337	45.66	ng	97
14) 1,2-Dichlorobenzene	8.02	146	285478	48.10	ng	98
15) Benzyl Alcohol	8.05	79	224193	59.82	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.25	45	339424	47.31	ng	57
17) 2-Methylphenol	8.26	107	231429	51.16	ng	# 91
18) Hexachloroethane	8.54	117	100059	46.45	ng	# 85
19) n-Nitroso-di-n-propylamine	8.47	70	205742	52.21	ng	92
20) 3+4-Methylphenols	8.52	107	313935	51.07	ng	# 60
22) Acetophenone	8.44	105	406143	46.55	ng	# 84
24) Nitrobenzene	8.70	77	283297	46.86	ng	90
25) Isophorone	9.10	82	525701	51.05	ng	95
26) 2-Nitrophenol	9.21	139	167101	51.23	ng	97
27) 2,4-Dimethylphenol	9.34	122	264075	50.07	ng	98
28) bis(2-Chloroethoxy)methane	9.46	93	351940	49.40	ng	100
29) 2,4-Dichlorophenol	9.62	162	246543	49.51	ng	98
30) 1,2,4-Trichlorobenzene	9.71	180	242448	45.45	ng	98
31) Naphthalene	9.81	128	840177	45.97	ng	100
32) Benzoic acid	9.62	122	55357	19.38	ng	98
33) 4-Chloroaniline	9.99	127	77318	11.35	ng	94
34) Hexachlorobutadiene	10.03	225	117691	41.81	ng	97
35) Caprolactam	10.60	113	71426m	47.77	ng	
36) 4-Chloro-3-methylphenol	10.81	107	285220	53.57	ng	88
37) 2-Methylnaphthalene	10.94	142	600385	50.05	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	235824	42.94	ng	99
40) Hexachlorocyclopentadiene	11.19	237	116053	52.52	ng	99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
 Data File : BF095272.D
 Acq On : 19 May 2017 20:02
 Operator : SJ/MA
 Sample : I3203-06MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-T8-BASEMSD

Manual Integrations
 APPROVED

mohammad
 5/22/2017 1:29:49 PM

Quant Time: May 22 07:45:19 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	172921	47.16	ng	98
43) 2,4,5-Trichlorophenol	11.54	196	162407	41.21	ng	92
45) 1,1'-Biphenyl	11.71	154	665746	44.28	ng	98
46) 2-Chloronaphthalene	11.72	162	532156	43.83	ng	95
47) 2-Nitroaniline	11.95	65	155286	46.73	ng	# 78
48) Acenaphthylene	12.38	152	842934	44.33	ng	98
49) Dimethylphthalate	12.26	163	852436	58.15	ng	99
50) 2,6-Dinitrotoluene	12.35	165	141443	47.29	ng	93
51) Acenaphthene	12.67	154	458472	40.37	ng	98
52) 3-Nitroaniline	12.64	138	61384	19.12	ng	89
53) 2,4-Dinitrophenol	12.84	184	83048	52.73	ng	# 66
54) Dibenzofuran	12.95	168	731249	46.53	ng	98
55) 4-Nitrophenol	13.02	139	156989	81.43	ng	# 72
56) 2,4-Dinitrotoluene	13.02	165	191439	49.81	ng	# 92
57) Fluorene	13.51	166	621259	45.46	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.20	232	129452	52.19	ng	96
59) Diethylphthalate	13.41	149	638937	45.47	ng	100
60) 4-Chlorophenyl-phenylether	13.53	204	276543	46.04	ng	90
61) 4-Nitroaniline	13.63	138	123644	41.96	ng	97
62) Azobenzene	13.79	77	585903	51.89	ng	94
64) 4,6-Dinitro-2-methylphenol	13.69	198	95183	44.02	ng	# 70
65) n-Nitrosodiphenylamine	13.74	169	537989	45.96	ng	98
66) 4-Bromophenyl-phenylether	14.32	248	155945	45.76	ng	98
67) Hexachlorobenzene	14.41	284	157457	45.09	ng	# 88
68) Atrazine	14.67	200	162161	49.06	ng	95
69) Pentachlorophenol	14.77	266	129065	81.61	ng	99
70) Phenanthrene	15.06	178	839808	45.32	ng	98
71) Anthracene	15.14	178	883549	46.67	ng	99
72) Carbazole	15.42	167	835935	48.53	ng	97
73) Di-n-butylphthalate	15.98	149	1050320	48.90	ng	99
74) Fluoranthene	16.80	202	853122	44.88	ng	99
76) Benzidine	17.02	184	265918	41.06	ng	# 93
77) Pyrene	17.10	202	861902	46.84	ng	99
79) Butylbenzylphthalate	17.99	149	438446	51.22	ng	# 85
80) Benzo(a)anthracene	18.68	228	665027	46.44	ng	99
81) 3,3'-Dichlorobenzidine	18.66	252	147264	29.78	ng	# 97
82) Chrysene	18.72	228	625181	45.15	ng	98
83) Bis(2-ethylhexyl)phthalate	18.74	149	617537	50.64	ng	# 100
84) Di-n-octyl phthalate	19.51	149	994547	49.74	ng	96
85) Indeno(1,2,3-cd)pyrene	21.69	276	463851	41.25	ng	99
87) Benzo(b)fluoranthene	19.95	252	466675	45.40	ng	98
88) Benzo(k)fluoranthene	19.98	252	551853m	55.66	ng	
89) Benzo(a)pyrene	20.31	252	455716	48.05	ng	99
90) Dibenzo(a,h)anthracene	21.69	278	378834	48.36	ng	98
91) Benzo(g,h,i)perylene	22.08	276	410165	53.36	ng	98

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

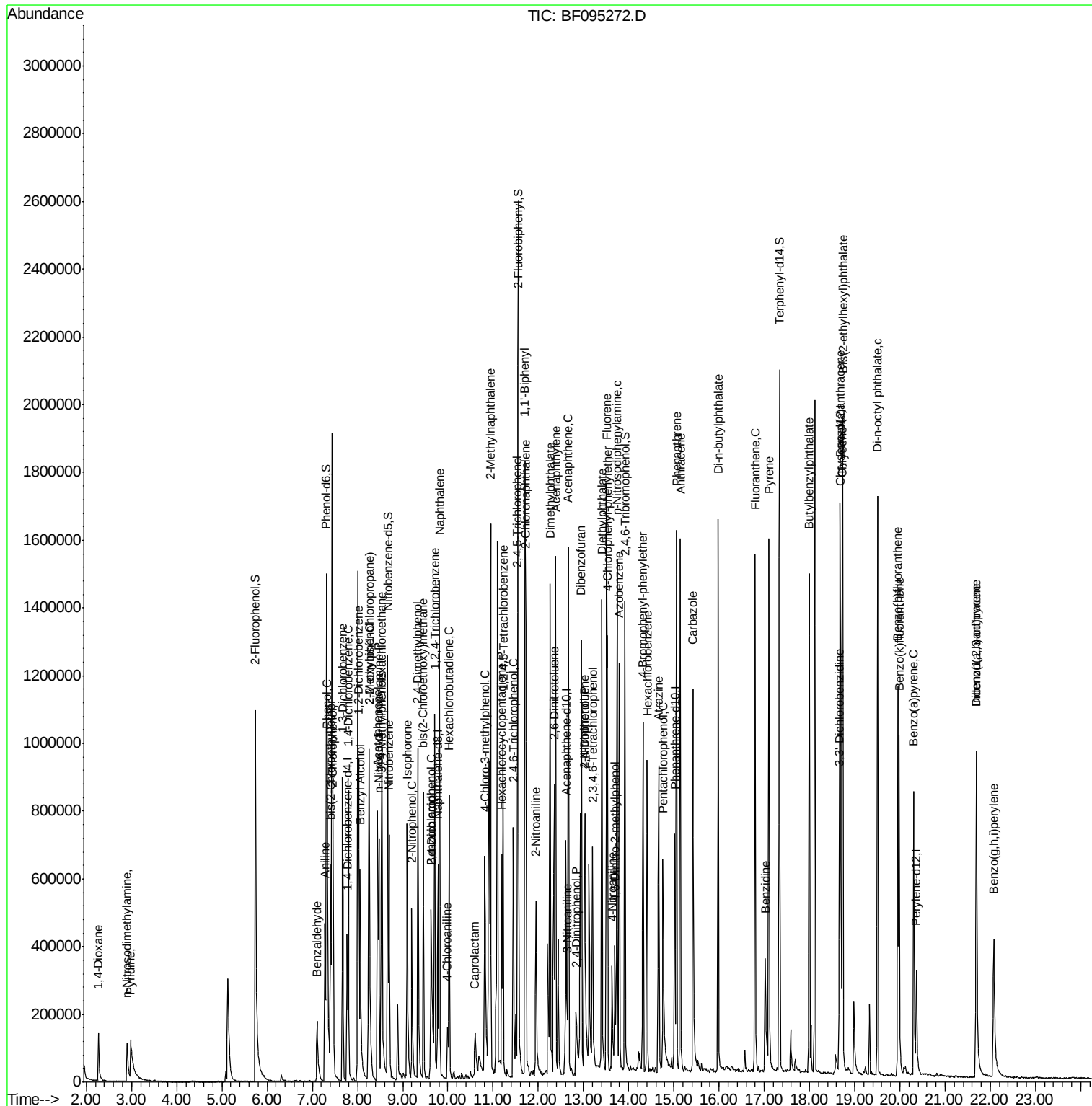
```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\  
Data File : BF095272.D  
Acq On    : 19 May 2017   20:02  
Operator  : SJ/MA  
Sample    : I3203-06MSD  
Misc      :  
ALS Vial  : 8      Sample Multiplier: 1
```

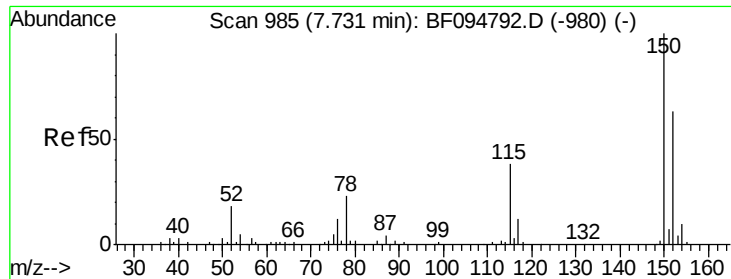
Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMSD

Manual Integrations APPROVED

mohammad
5/22/2017 1:29:49 PM

Quant Time: May 22 07:45:19 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration





#1

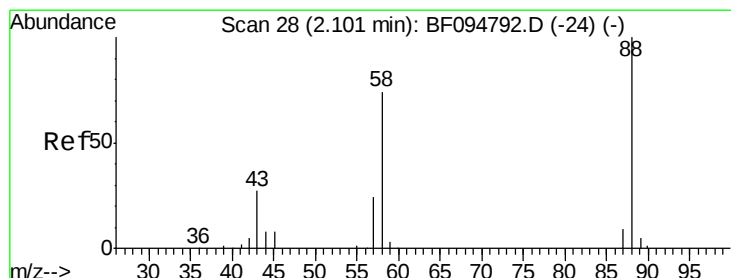
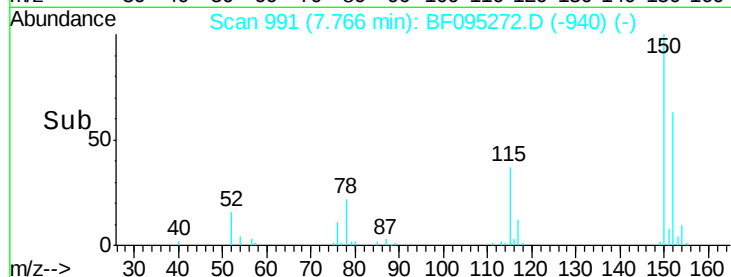
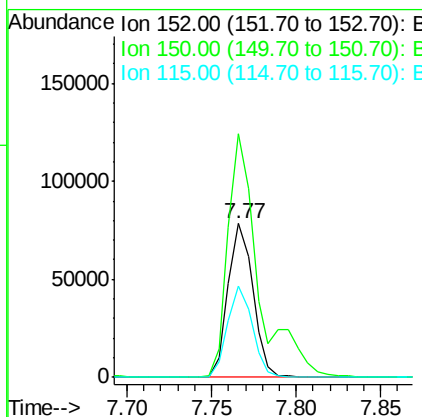
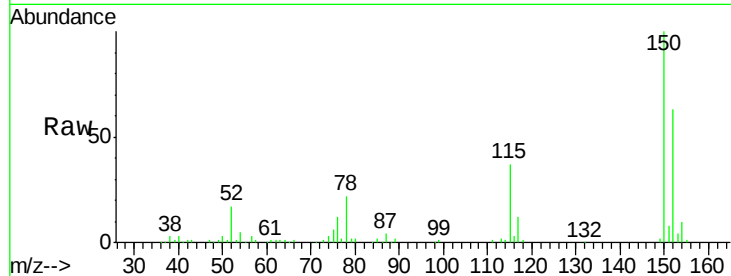
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.2	189.2
115	59.3	52.2	78.2

Manual Integrations
APPROVED

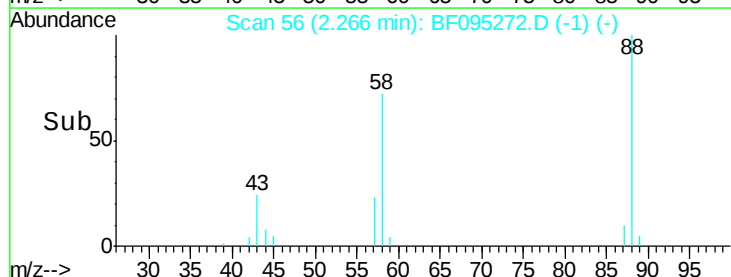
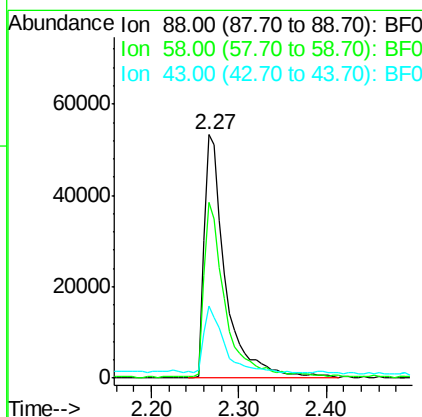
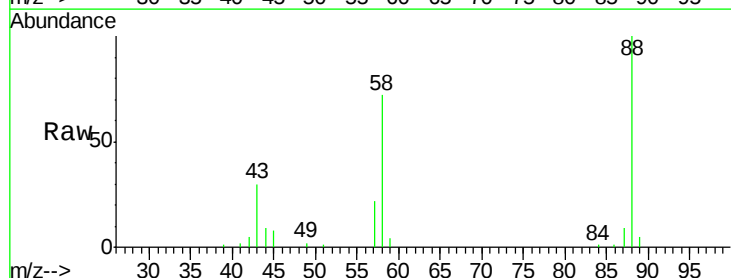
mohammad
5/22/2017 1:29:49 PM

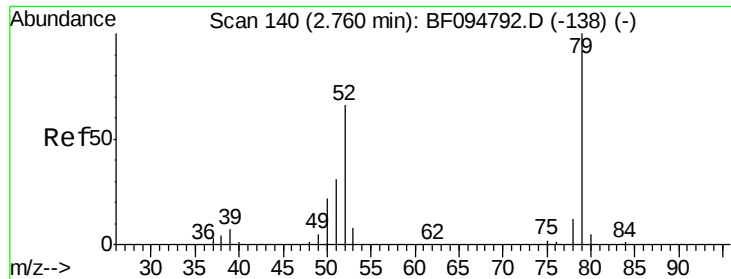


#2

1,4-Dioxane
Concen: 37.87 ng
RT: 2.27 min Scan# 56
Delta R.T. 0.04 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.5	61.4	92.0
43	27.3	23.4	35.0





#3

Pyridine

Concen: 33.05 ng

RT: 2.98 min Scan# 177

Delta R.T. 0.05 min

Lab File: BF095272.D

Acq: 19 May 2017 20:02

Instrument :

BNA_F

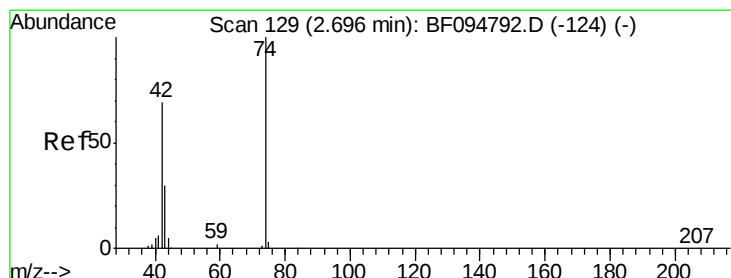
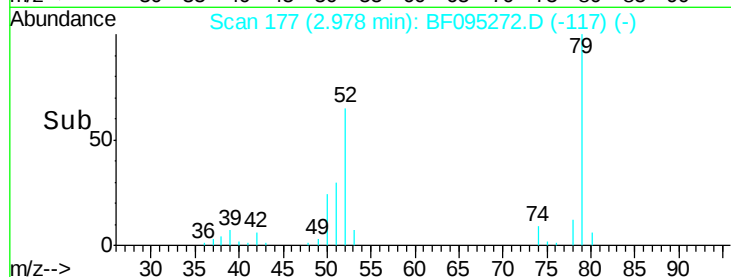
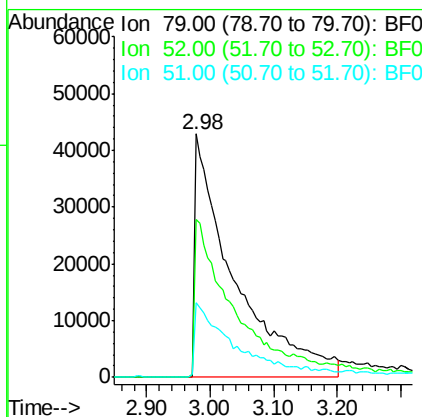
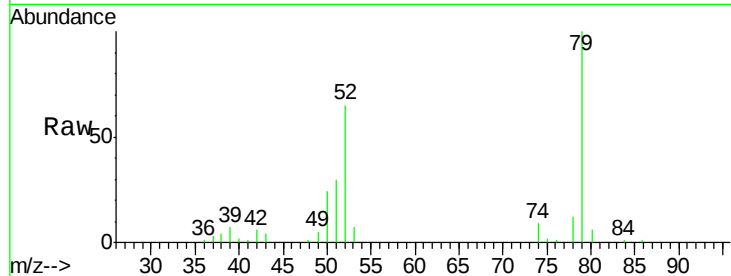
ClientSampleId :

E2-T8-BASEMSD

Tgt Ion:	79	Resp:	182442
Ion Ratio	Lower	Upper	
79	100		
52	64.6	54.8	82.2
51	30.5	27.0	40.4

Manual Integrations
APPROVED

mohammad
5/22/2017 1:29:49 PM



#4

n-Nitrosodimethylamine

Concen: 35.47 ng

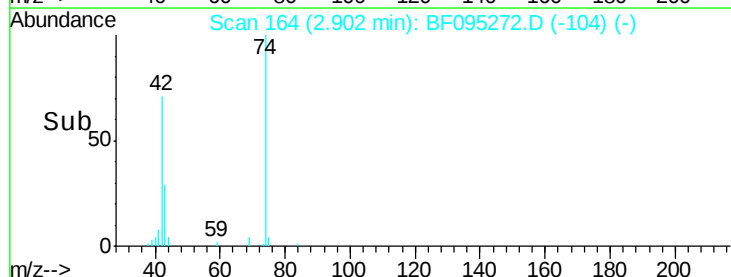
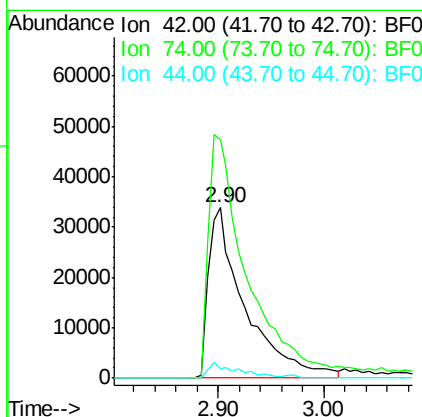
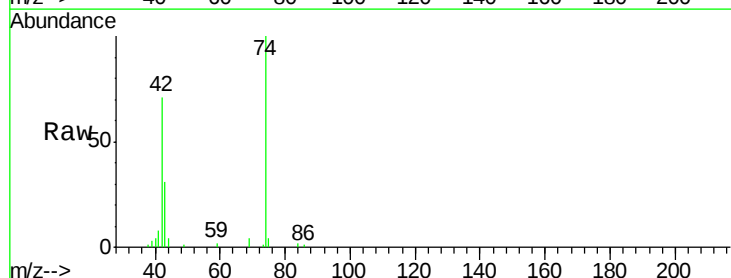
RT: 2.90 min Scan# 164

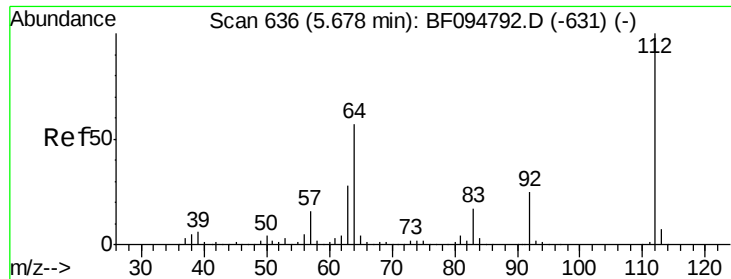
Delta R.T. 0.05 min

Lab File: BF095272.D

Acq: 19 May 2017 20:02

Tgt Ion:	42	Resp:	81611
Ion Ratio	Lower	Upper	
42	100		
74	140.5	103.9	155.9
44	5.8	5.7	8.5





#5

2-Fluorophenol

Concen: 144.13 ng

RT: 5.74 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF095272.D

Acq: 19 May 2017 20:02

Instrument :

BNA_F

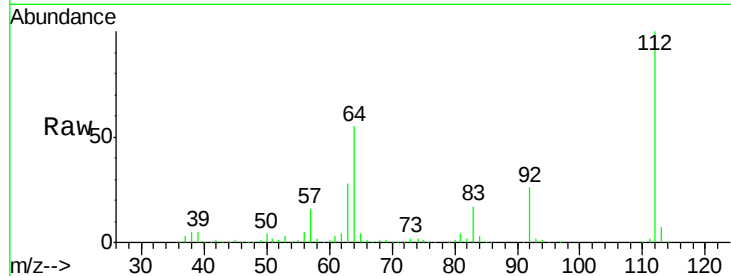
ClientSampleId :

E2-T8-BASEMSD

Tgt Ion:	112	Resp:	699921
Ion Ratio	Lower	Upper	
112	100		
64	54.6	46.0	69.0
63	27.9	23.4	35.0

Manual Integrations
APPROVED

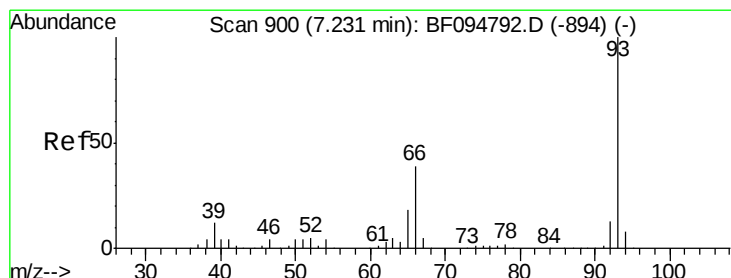
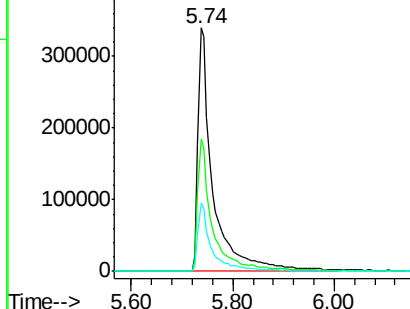
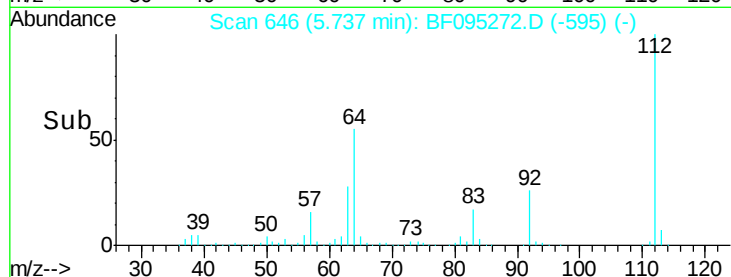
mohammad
5/22/2017 1:29:49 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.86 ng

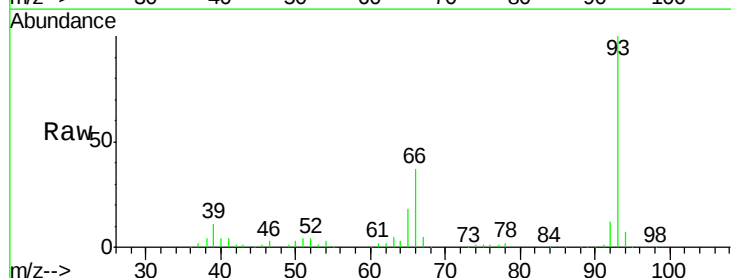
RT: 7.28 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF095272.D

Acq: 19 May 2017 20:02

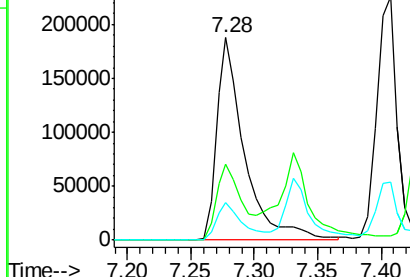
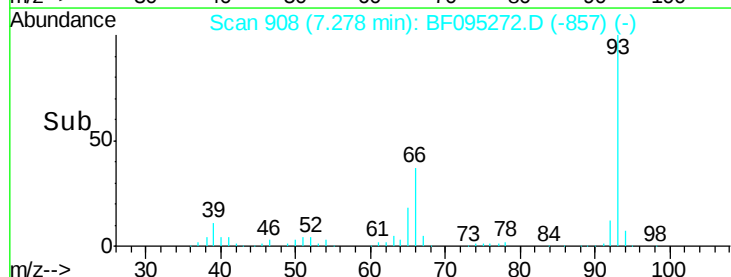
Tgt Ion:	93	Resp:	285870
Ion Ratio	Lower	Upper	
93	100		
66	37.3	32.9	49.3
65	18.5	16.0	24.0

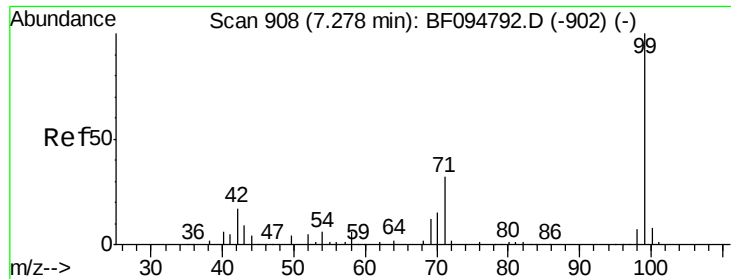


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 147.56 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF095272.D

Acq: 19 May 2017 20:02

Instrument :

BNA_F

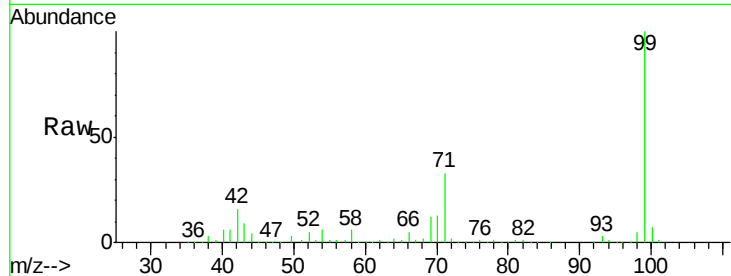
ClientSampleId :

E2-T8-BASEMSD

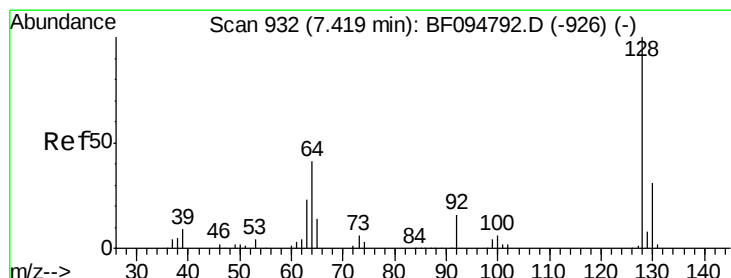
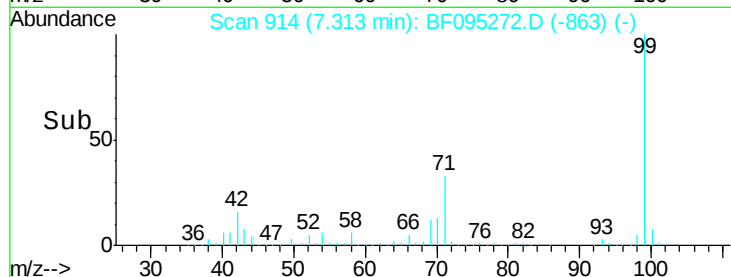
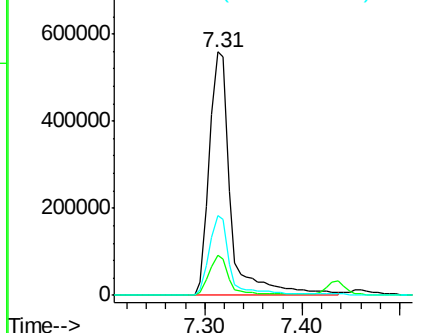
Tgt Ion:	99	Resp:	859805
Ion Ratio	Lower	Upper	
99	100		
42	16.4	13.5	20.3
71	32.7	24.5	36.7

Manual Integrations
APPROVED

mohammad
5/22/2017 1:29:49 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 49.55 ng

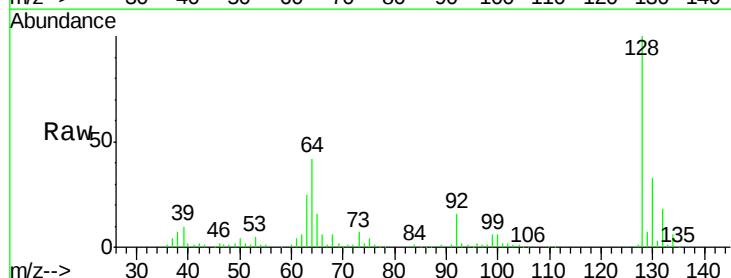
RT: 7.46 min Scan# 939

Delta R.T. 0.00 min

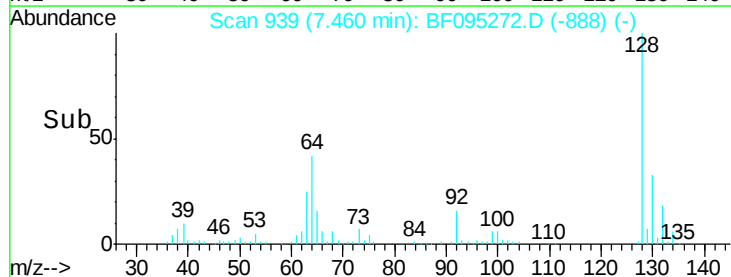
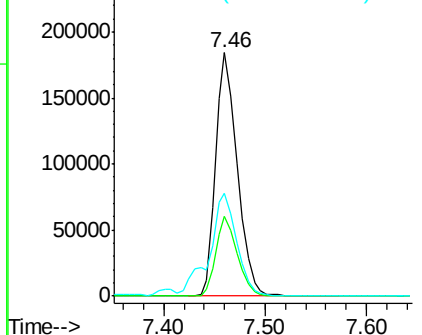
Lab File: BF095272.D

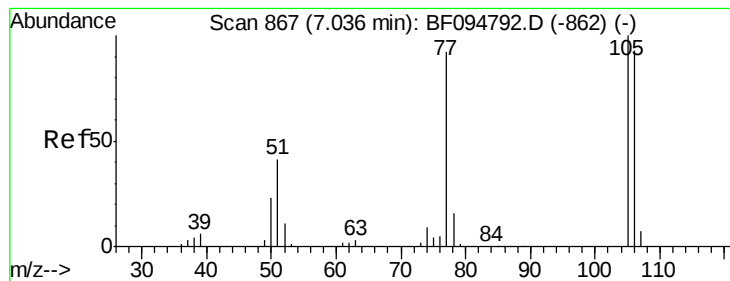
Acq: 19 May 2017 20:02

Tgt Ion:	128	Resp:	273907
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.9	52.9
64	42.3	28.4	68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 23.98 ng

RT: 7.10 min Scan# 878

Delta R.T. 0.01 min

Lab File: BF095272.D

Acq: 19 May 2017 20:02

Instrument :

BNA_F

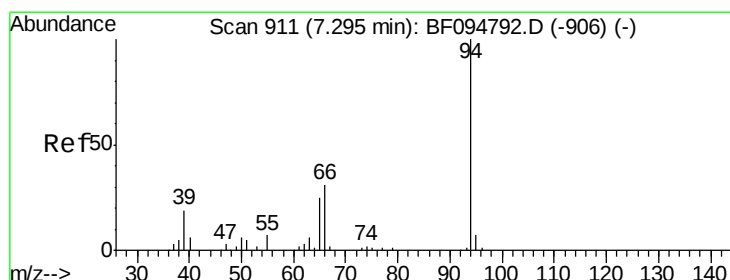
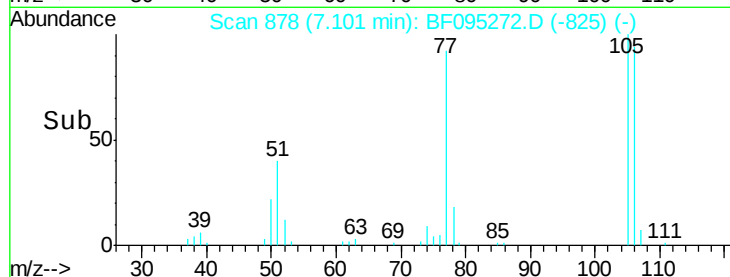
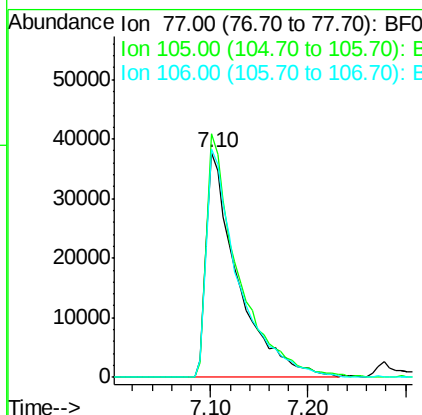
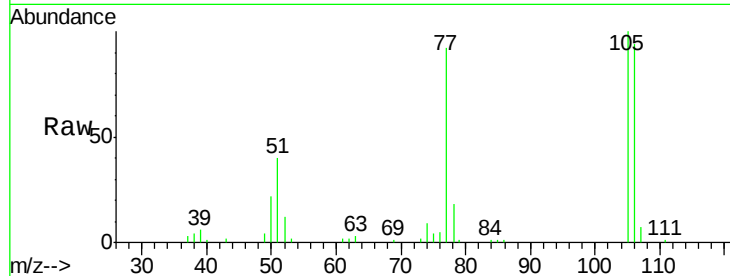
ClientSampled :

E2-T8-BASEMSD

Tgt Ion:	77	Resp:	85334
Ion	Ratio	Lower	Upper
77	100		
105	108.2	83.8	123.8
106	101.3	79.1	119.1

Manual Integrations
APPROVED

mohammad
5/22/2017 1:29:49 PM



#10

Phenol

Concen: 46.70 ng

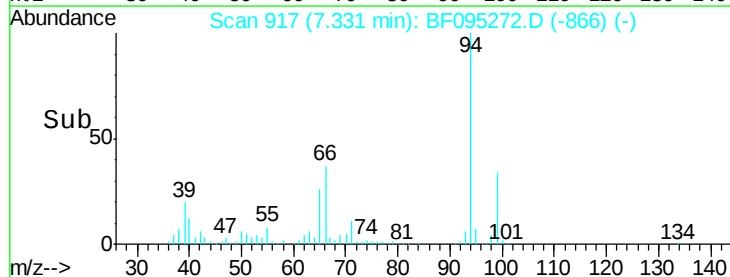
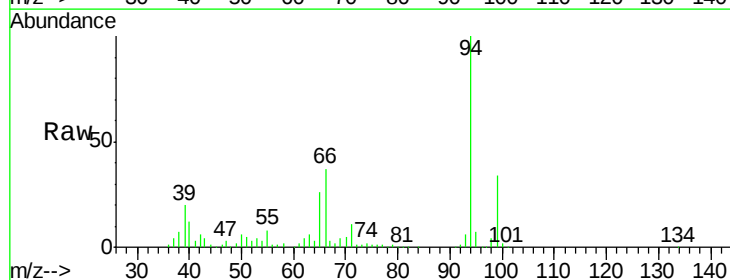
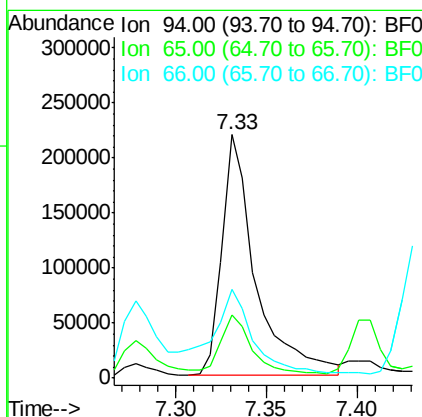
RT: 7.33 min Scan# 917

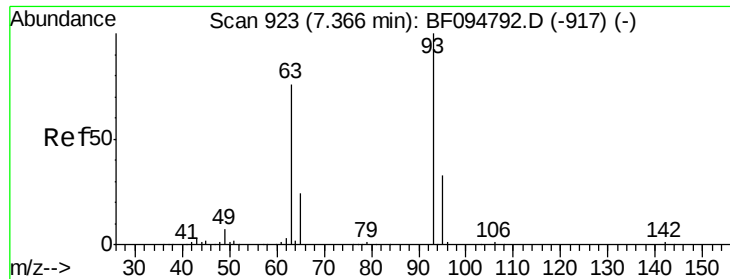
Delta R.T. 0.00 min

Lab File: BF095272.D

Acq: 19 May 2017 20:02

Tgt Ion:	94	Resp:	286750
Ion	Ratio	Lower	Upper
94	100		
65	26.1	9.9	49.9
66	36.5	23.1	63.1





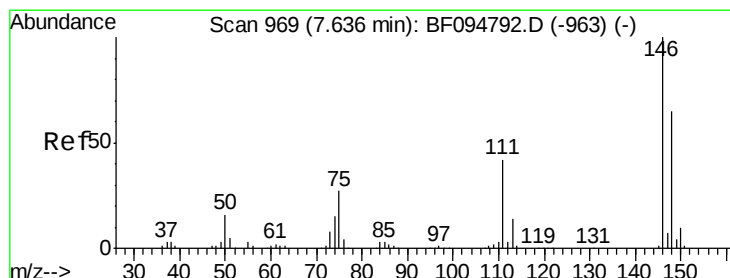
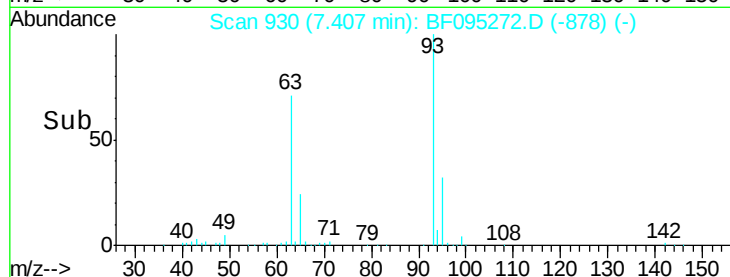
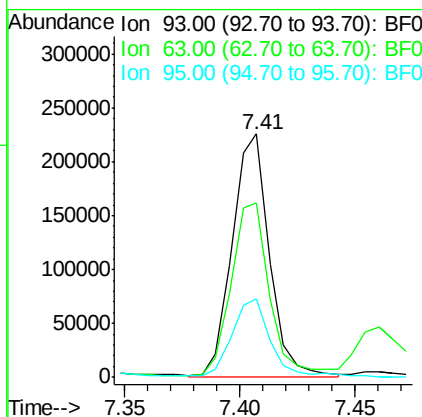
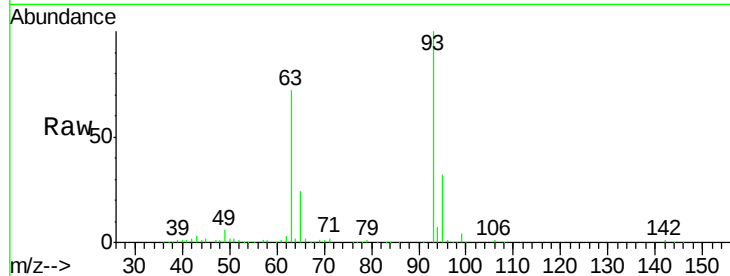
#11
bis(2-Chloroethyl)ether
Concen: 49.88 ng
RT: 7.41 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMSD

Tgt Ion:	93	Resp:	252851
Ion	Ratio	Lower	Upper
93	100		
63	71.6	59.2	99.2
95	32.3	12.8	52.8

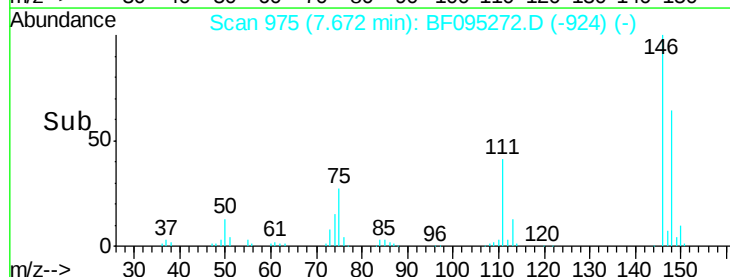
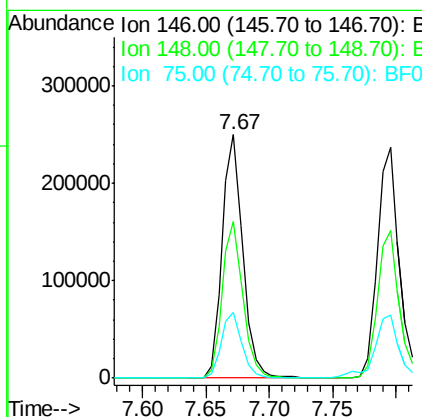
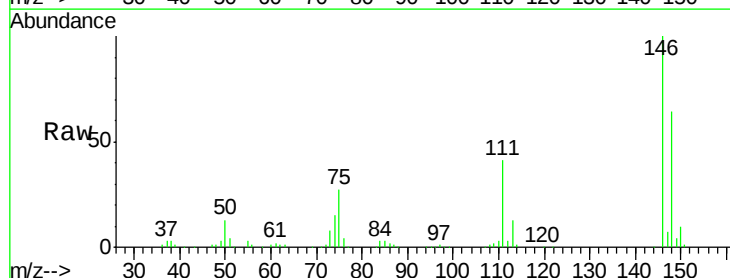
Manual Integrations
APPROVED

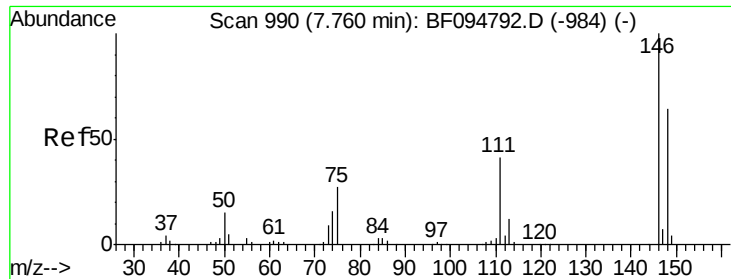
mohammad
5/22/2017 1:29:49 PM



#12
1,3-Dichlorobenzene
Concen: 45.10 ng
RT: 7.67 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Tgt Ion:	146	Resp:	282798
Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.6
75	27.1	23.1	34.7





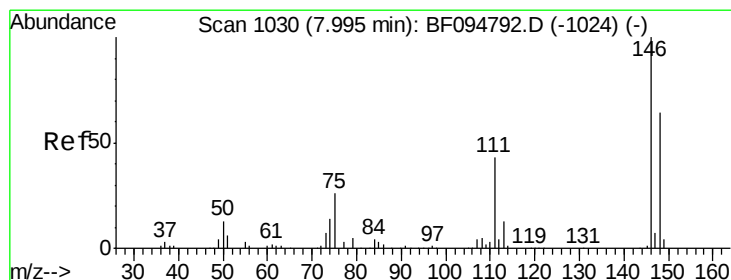
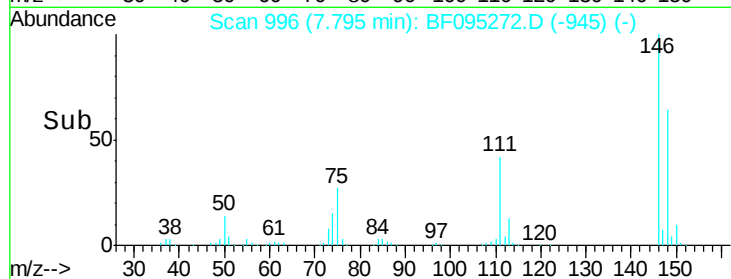
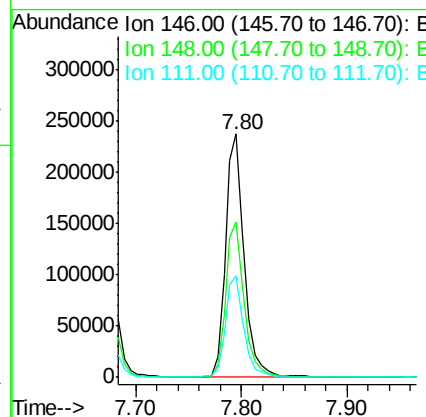
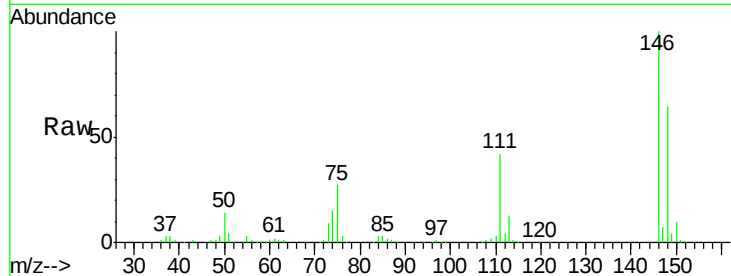
#13
1,4-Dichlorobenzene
Concen: 45.66 ng
RT: 7.80 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.2
111	41.5	30.3	45.5

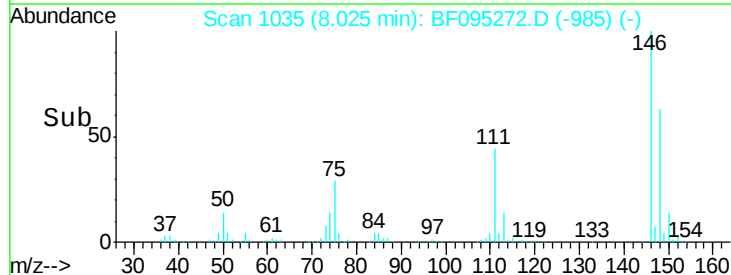
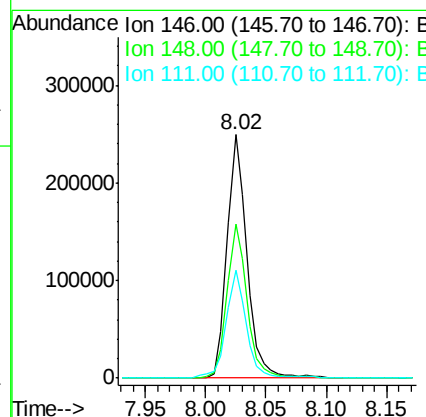
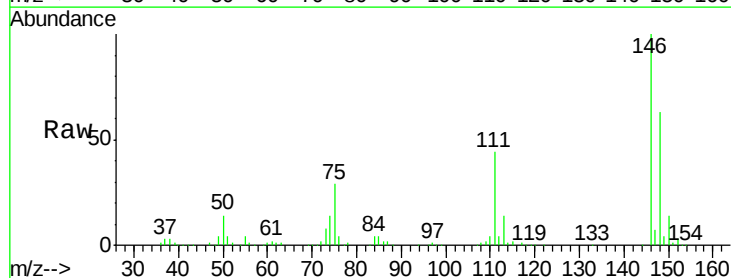
Manual Integrations
APPROVED

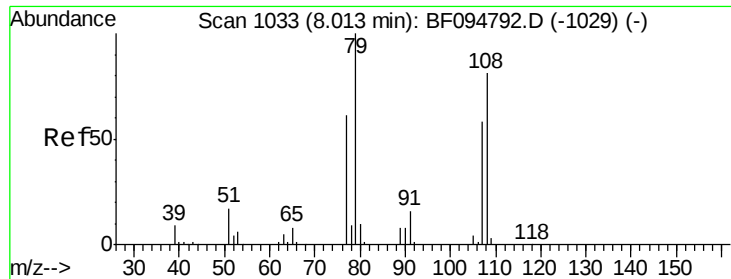
mohammad
5/22/2017 1:29:49 PM



#14
1,2-Dichlorobenzene
Concen: 48.10 ng
RT: 8.02 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.4	75.6
111	44.2	38.2	57.4





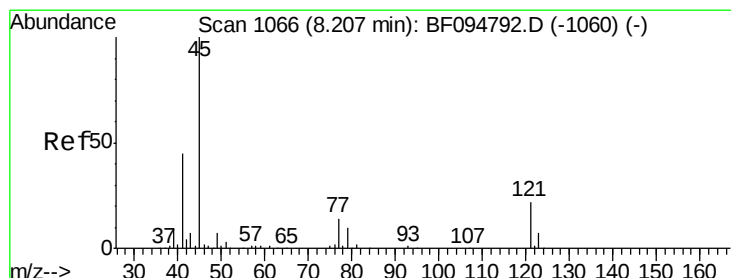
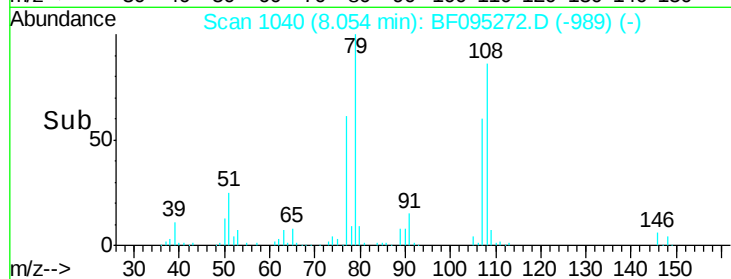
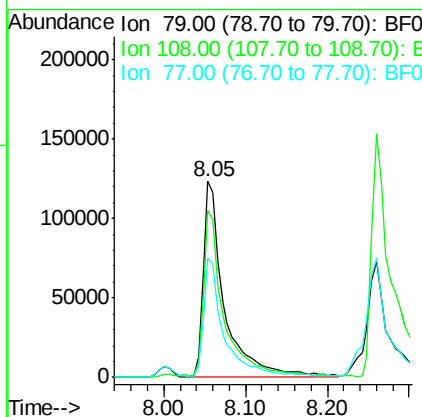
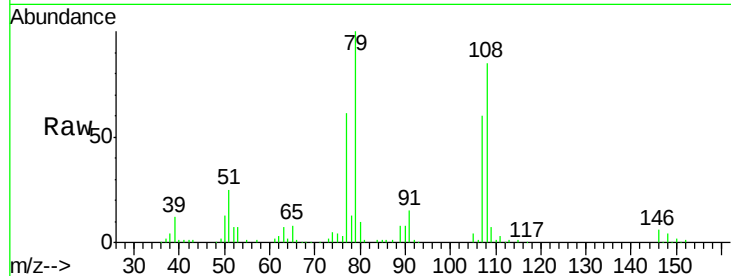
#15
Benzyl Alcohol
Concen: 59.82 ng
RT: 8.05 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	85.3	63.4	95.0
77	61.0	49.2	73.8

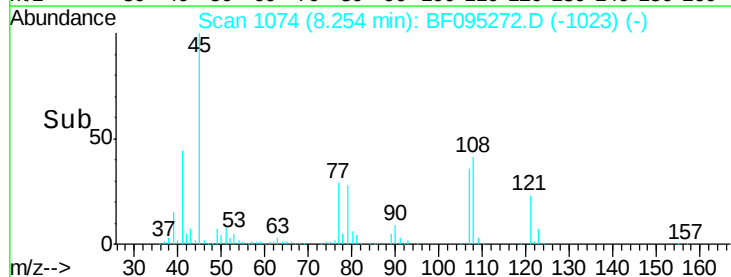
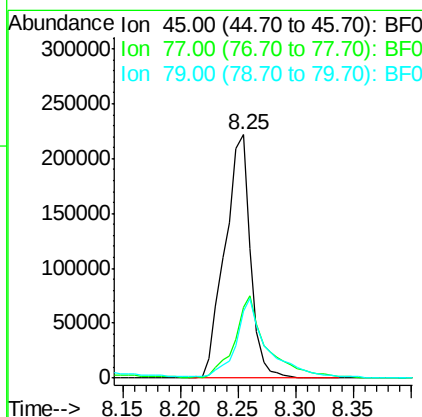
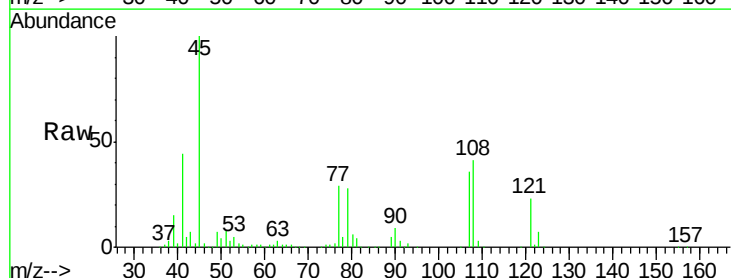
Manual Integrations
APPROVED

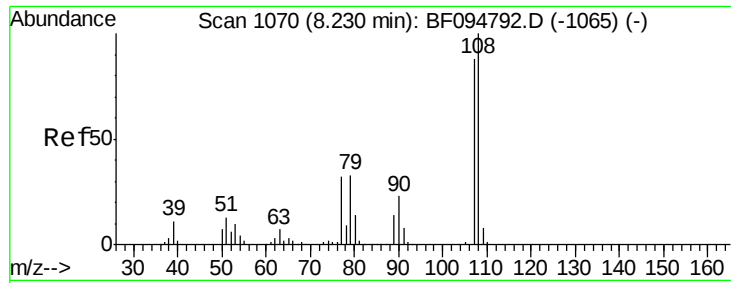
mohammad
5/22/2017 1:29:49 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.31 ng
RT: 8.25 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	29.0	0.0	33.2
79	27.5	0.0	30.0





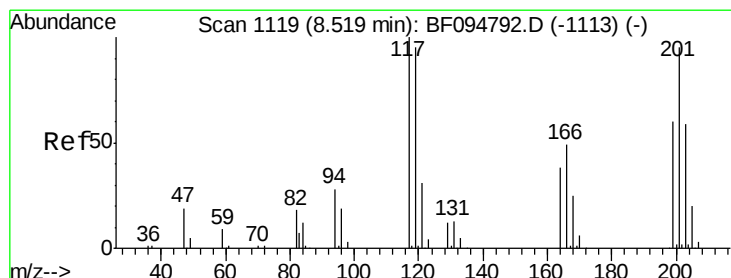
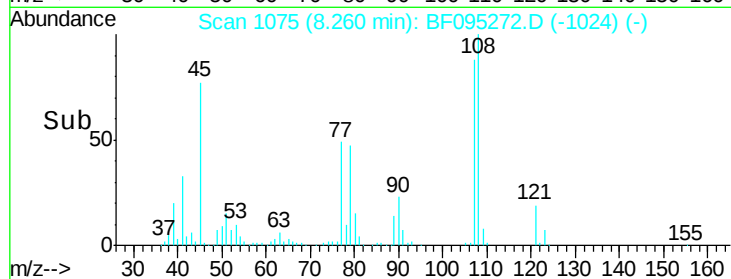
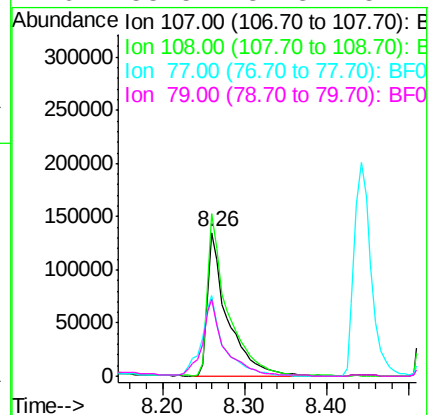
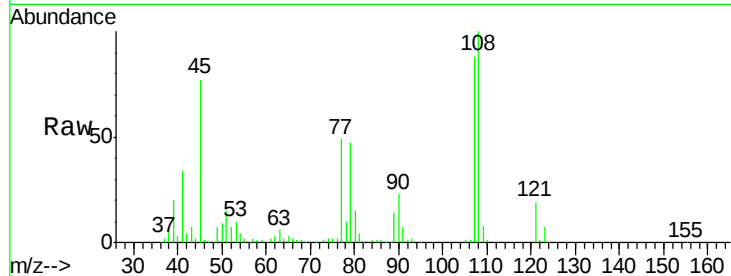
#17
2-Methylphenol
Concen: 51.16 ng
RT: 8.26 min Scan# 1075
Delta R.T. 0.00 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	231429		
108	113.2	93.4	140.0	
77	55.8	35.8	53.6#	
79	53.5	34.8	52.2#	

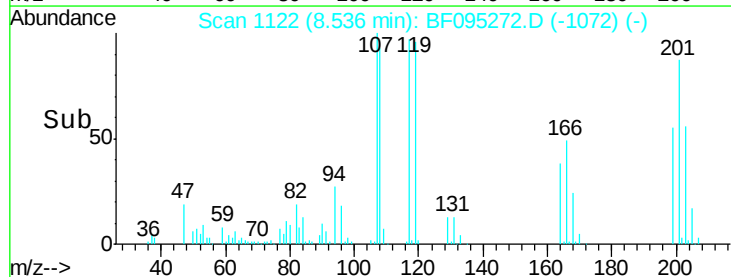
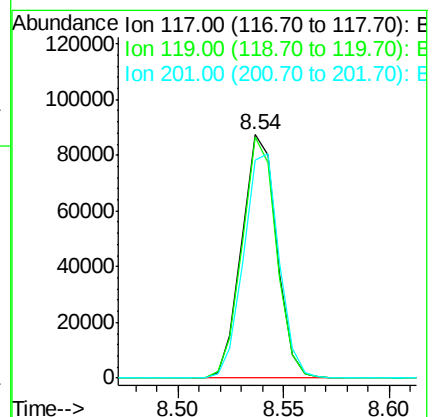
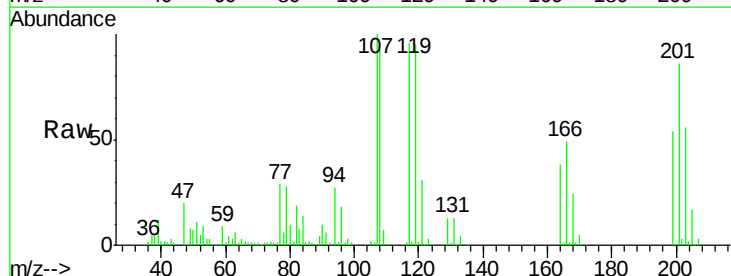
Manual Integrations
APPROVED

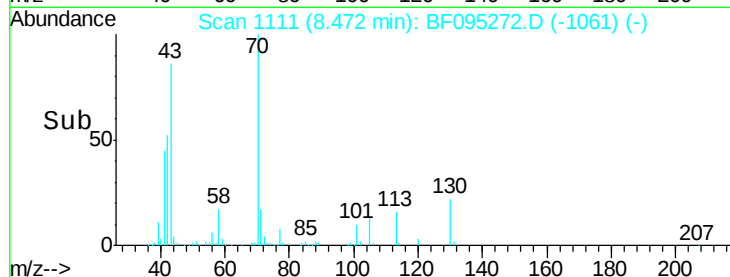
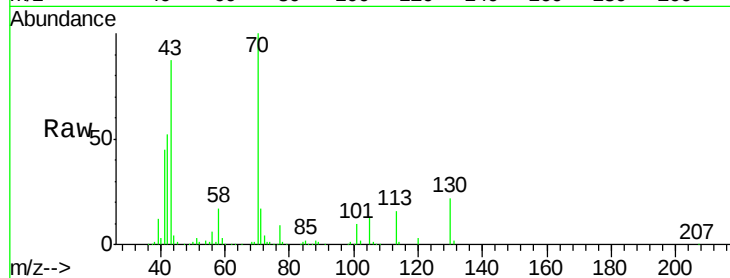
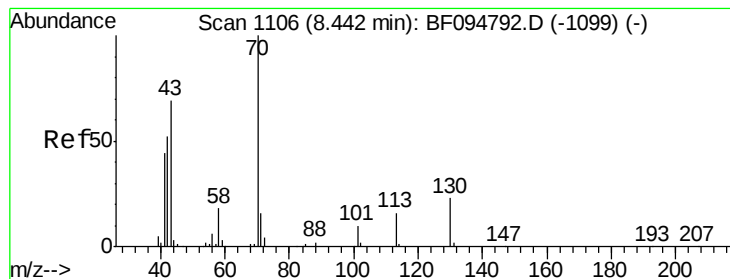
mohammad
5/22/2017 1:29:49 PM



#18
Hexachloroethane
Concen: 46.45 ng
RT: 8.54 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	100059		
119	99.1	77.4	116.0	
201	89.6	94.6	141.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 52.21 ng

RT: 8.47 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF095272.D

Acq: 19 May 2017 20:02

Instrument :

BNA_F

ClientSampleId :

E2-T8-BASEMSD

Tgt Ion: 70 Resp: 205742

Ion Ratio Lower Upper

70 100

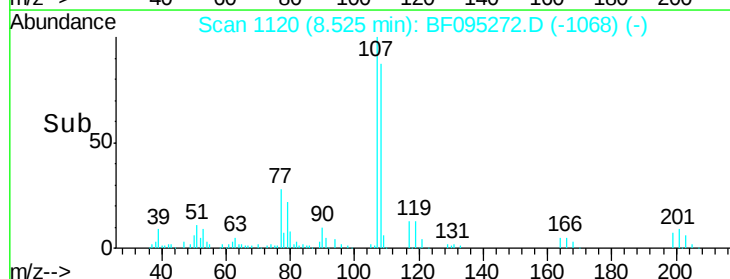
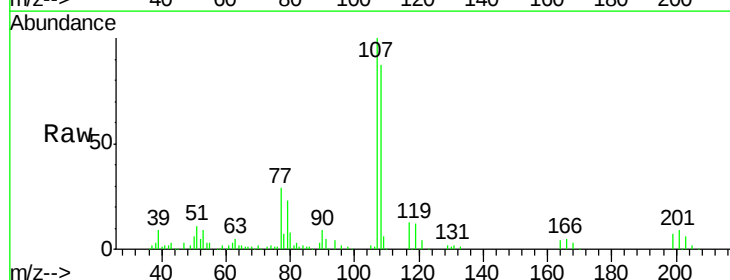
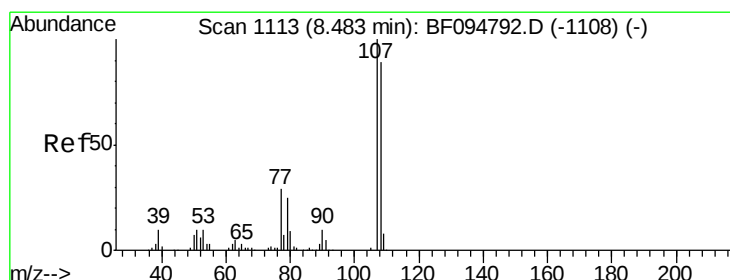
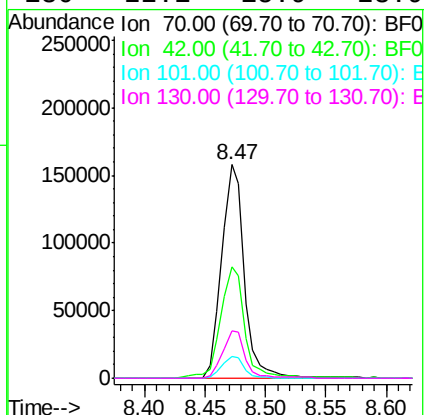
42 52.1 47.2 70.8

101 10.0 7.2 10.8

130 22.1 15.9 23.9

Manual Integrations
APPROVED

mohammad
5/22/2017 1:29:49 PM



#20

3+4-Methylphenols

Concen: 51.07 ng

RT: 8.52 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BF095272.D

Acq: 19 May 2017 20:02

Tgt Ion: 107 Resp: 313935

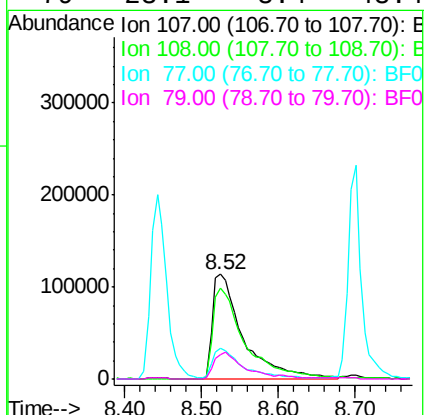
Ion Ratio Lower Upper

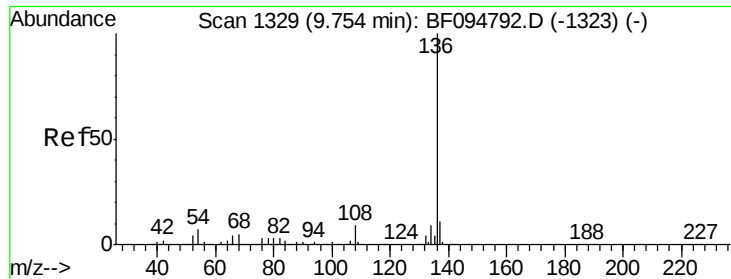
107 100

108 86.8 71.0 111.0

77 28.8 90.5 130.5#

79 23.1 8.4 48.4





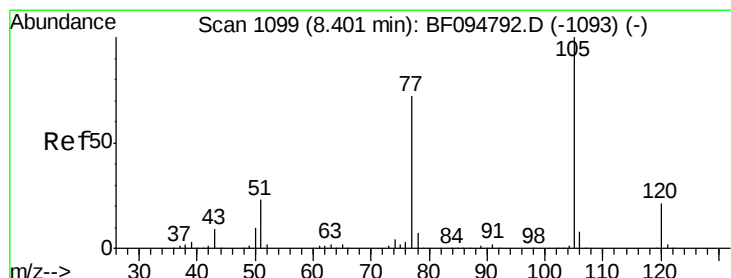
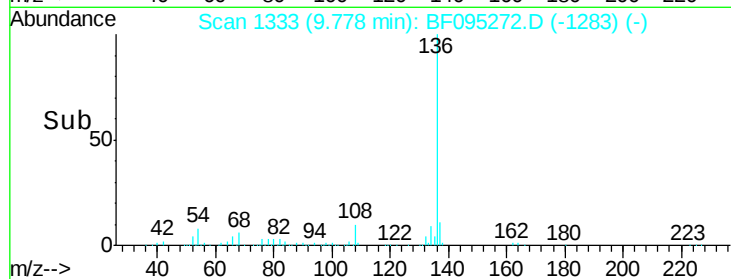
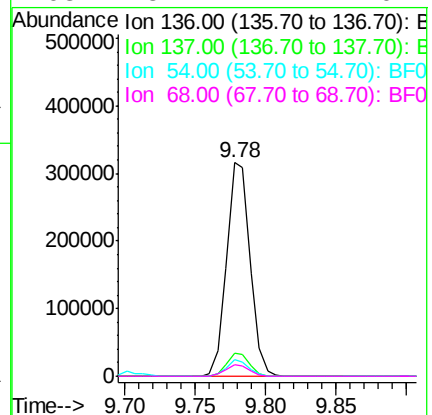
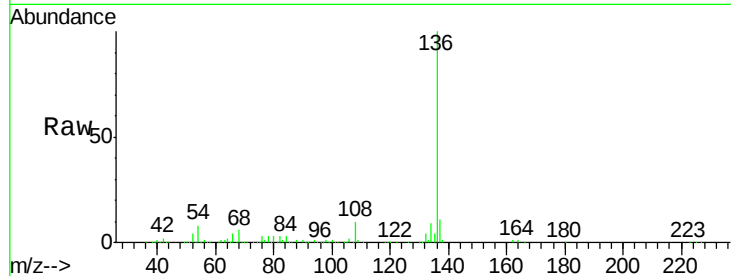
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	363678		
137	10.7	8.5	12.7	
54	7.5	4.9	7.3	
68	5.7	4.1	6.1	

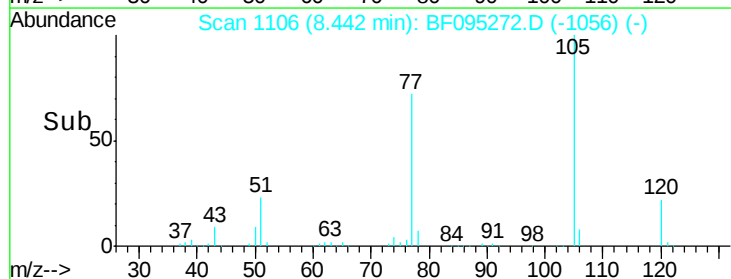
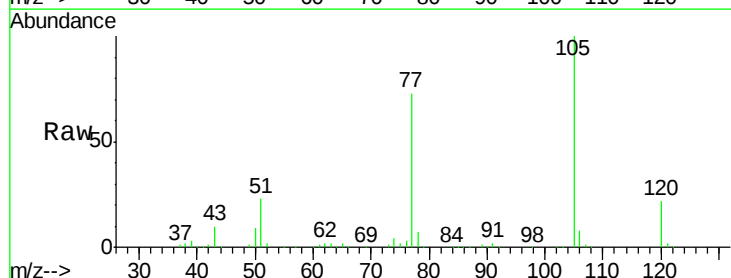
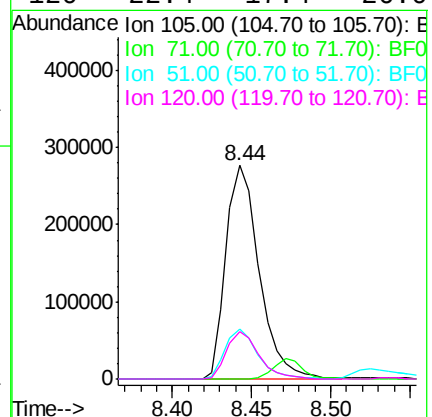
Manual Integrations
APPROVED

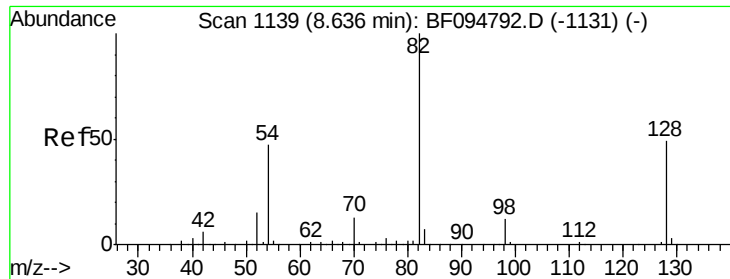
mohammad
5/22/2017 1:29:49 PM



#22
Acetophenone
Concen: 46.55 ng
RT: 8.44 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	406143		
71	0.0	2.8	4.2	
51	23.3	30.7	46.1	
120	22.4	17.4	26.0	





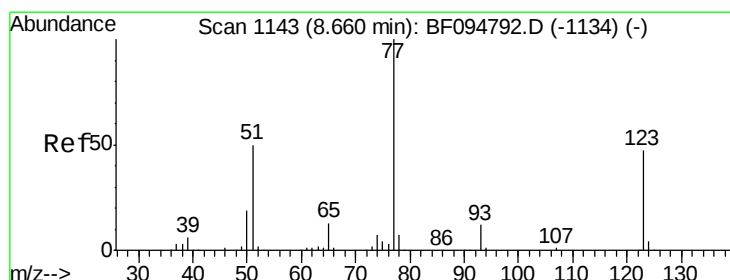
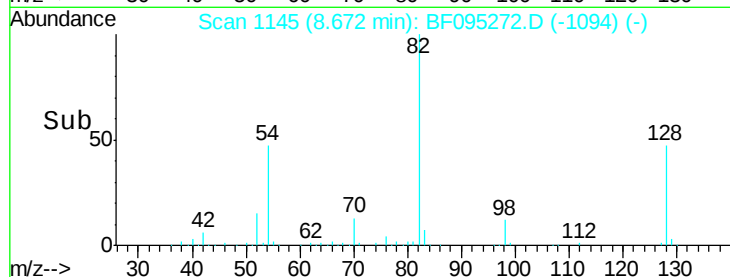
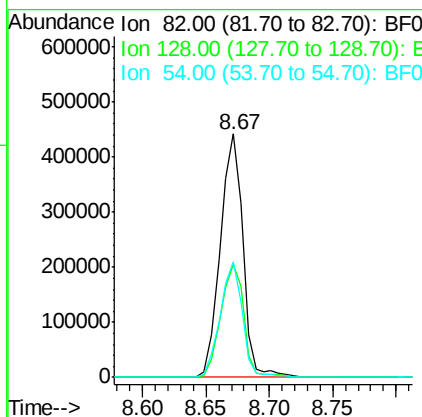
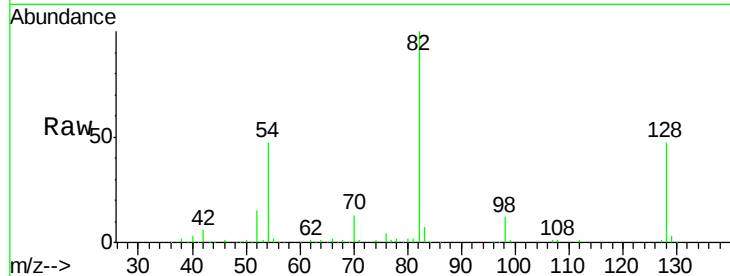
#23
 Nitrobenzene-d5
 Concen: 95.17 ng
 RT: 8.67 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF095272.D
 Acq: 19 May 2017 20:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-T8-BASEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	548849		
128	46.5	34.0	51.0	
54	47.2	42.2	63.2	

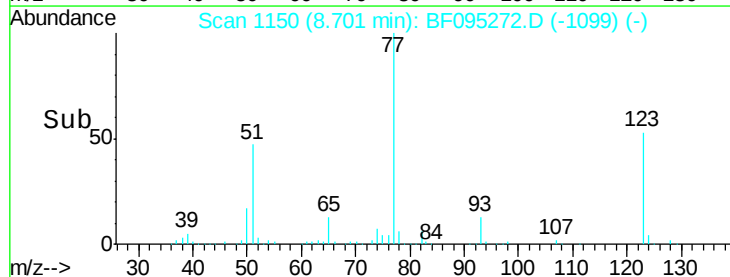
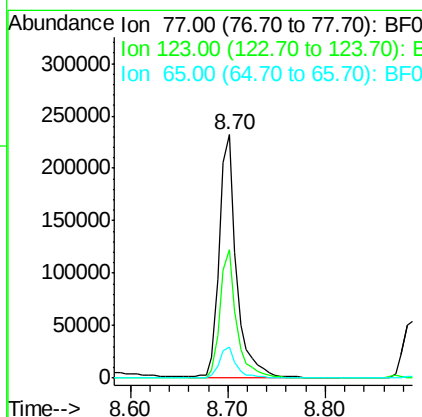
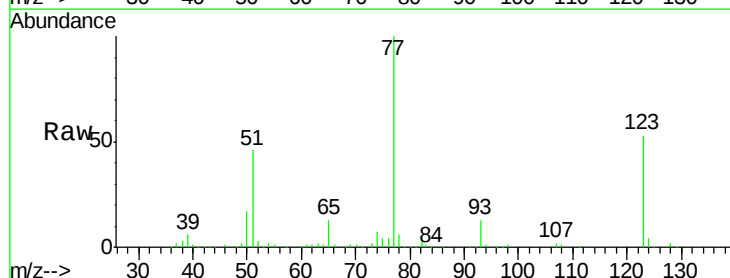
Manual Integrations
 APPROVED

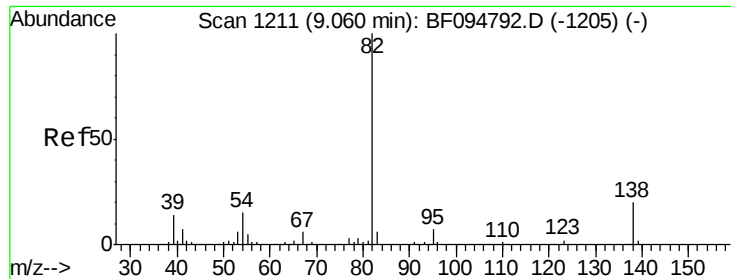
mohammad
 5/22/2017 1:29:49 PM



#24
 Nitrobenzene
 Concen: 46.86 ng
 RT: 8.70 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF095272.D
 Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	283297		
123	52.7	35.8	53.8	
65	12.8	10.6	15.8	





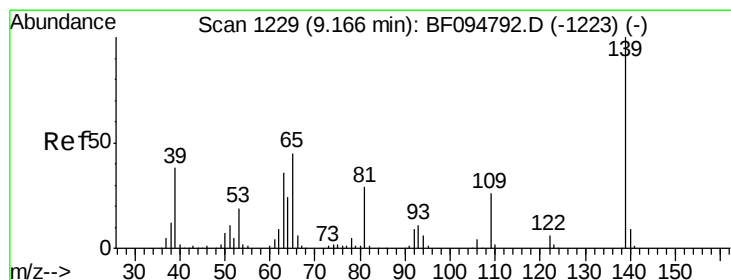
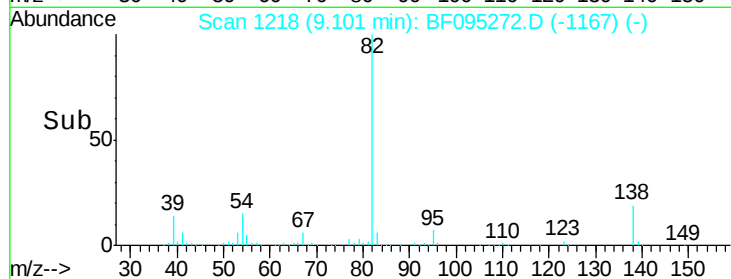
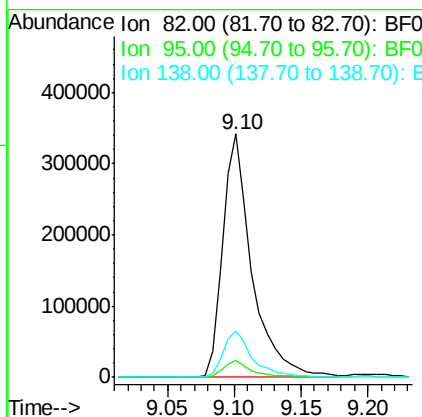
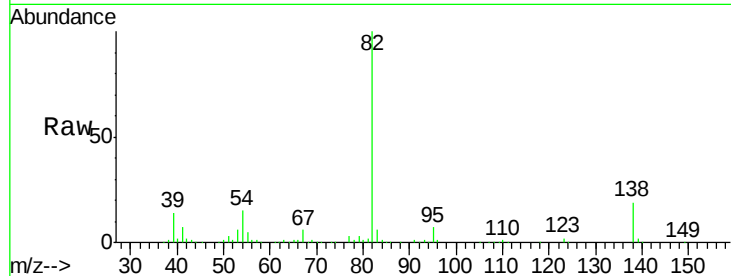
#25
Isophorone
Concen: 51.05 ng
RT: 9.10 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	525701		
95	7.0	5.3	7.9	
138	19.2	13.1	19.7	

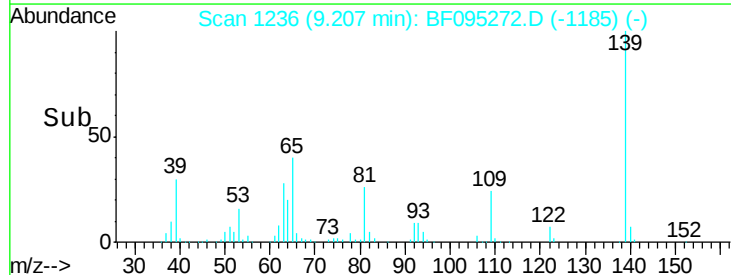
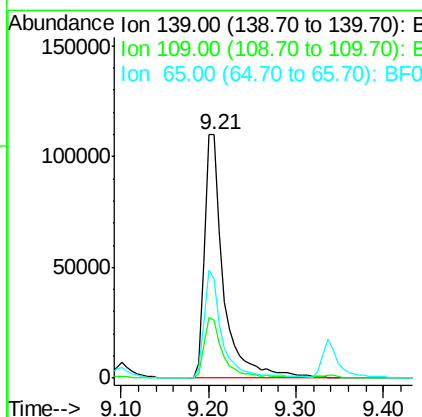
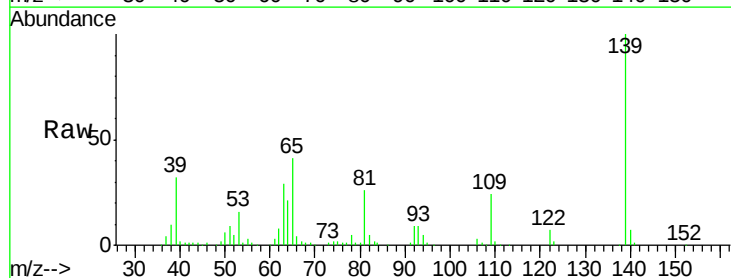
Manual Integrations
APPROVED

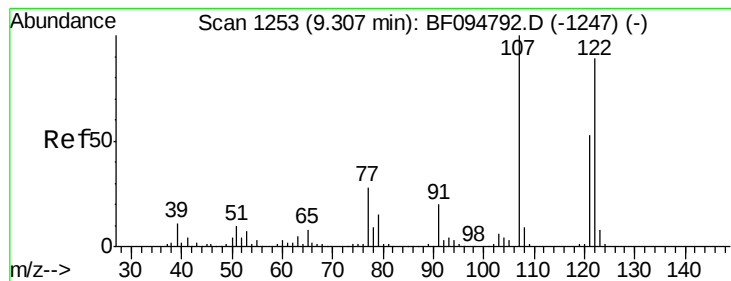
mohammad
5/22/2017 1:29:49 PM



#26
2-Nitrophenol
Concen: 51.23 ng
RT: 9.21 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	167101		
109	23.7	21.0	31.6	
65	40.8	33.0	49.6	





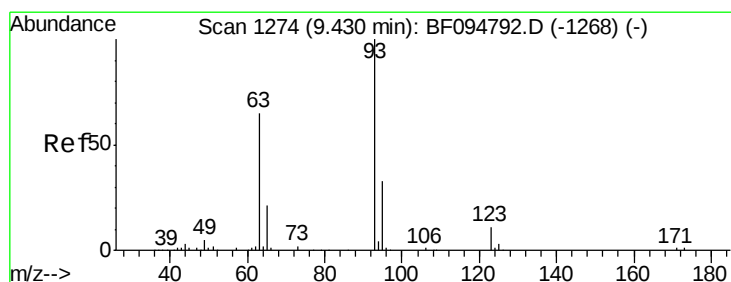
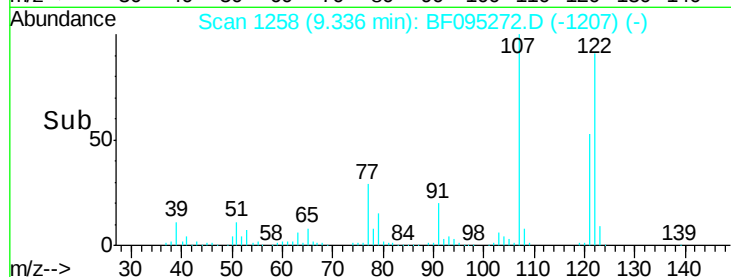
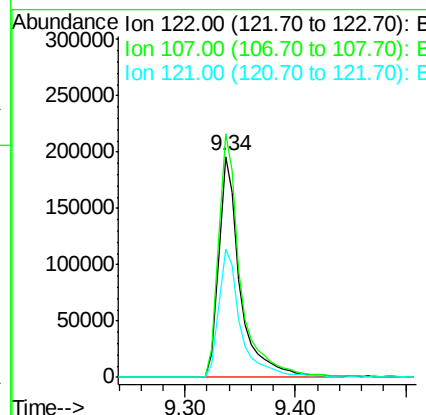
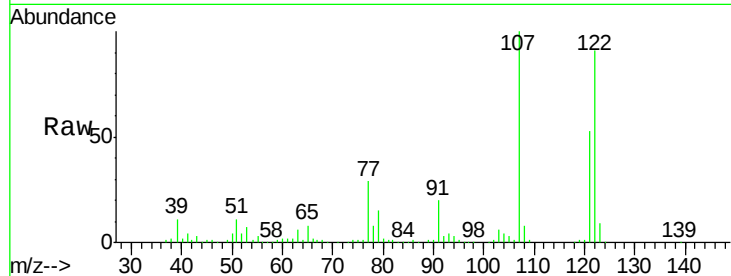
#27
 2,4-Dimethylphenol
 Concen: 50.07 ng
 RT: 9.34 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BF095272.D
 Acq: 19 May 2017 20:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-T8-BASEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	264075		
107	110.4	89.2	133.8	
121	58.4	45.2	67.8	

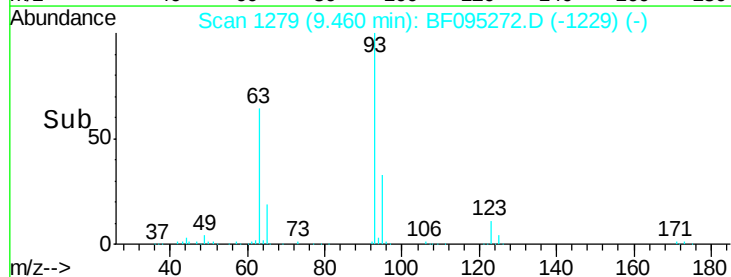
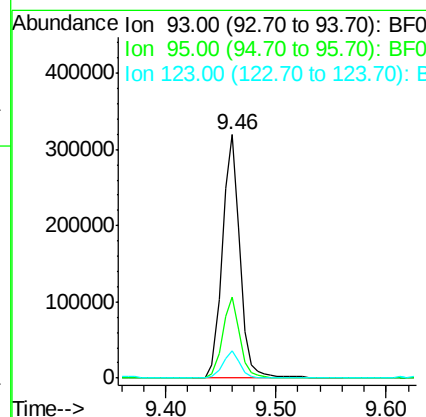
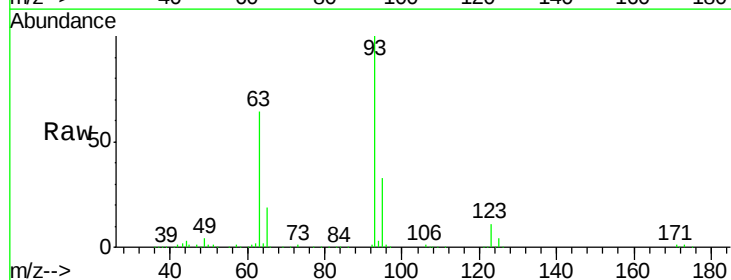
Manual Integrations
 APPROVED

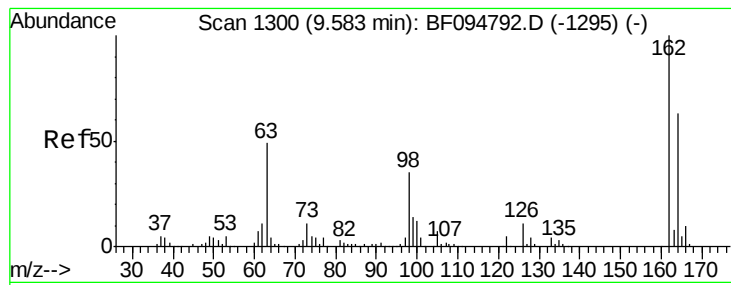
mohammad
 5/22/2017 1:29:49 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.40 ng
 RT: 9.46 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF095272.D
 Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	351940		
95	33.2	26.5	39.7	
123	11.1	9.0	13.4	





#29

2,4-Dichlorophenol

Concen: 49.51 ng

RT: 9.62 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF095272.D

Acq: 19 May 2017 20:02

Instrument :

BNA_F

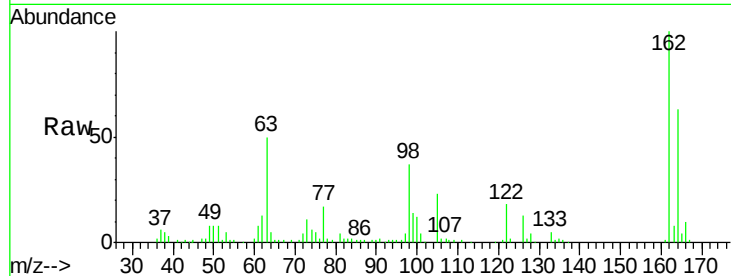
ClientSampleId :

E2-T8-BASEMSD

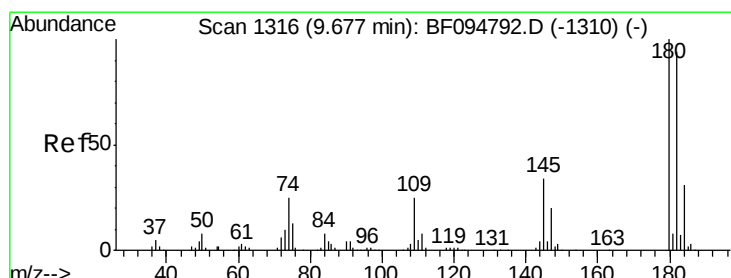
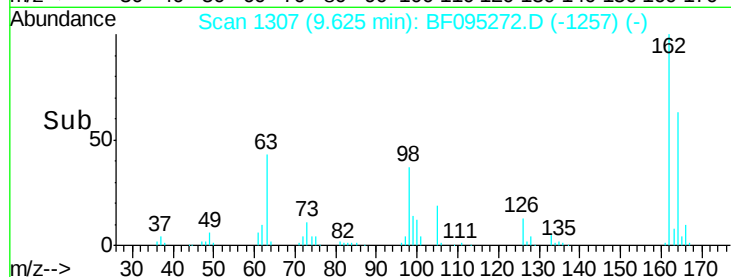
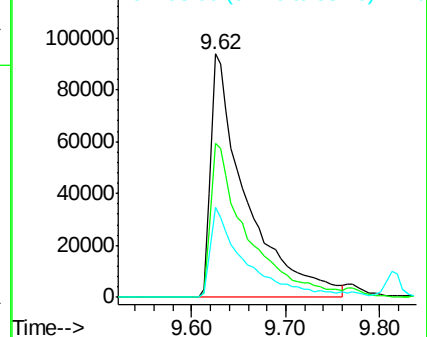
Tgt Ion:	162	Resp:	246543
Ion Ratio	Lower	Upper	
162	100		
164	63.1	44.6	84.6
98	36.8	14.8	54.8

Manual Integrations
APPROVED

mohammad
5/22/2017 1:29:49 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): BFO



#30

1,2,4-Trichlorobenzene

Concen: 45.45 ng

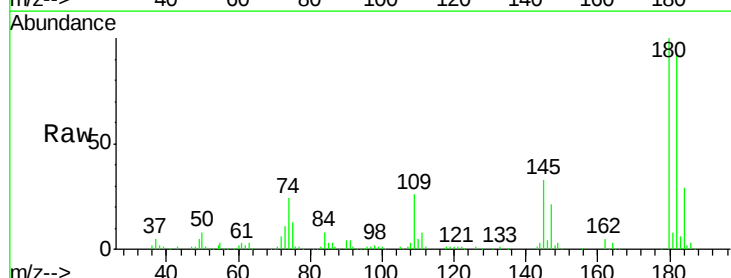
RT: 9.71 min Scan# 1321

Delta R.T. -0.01 min

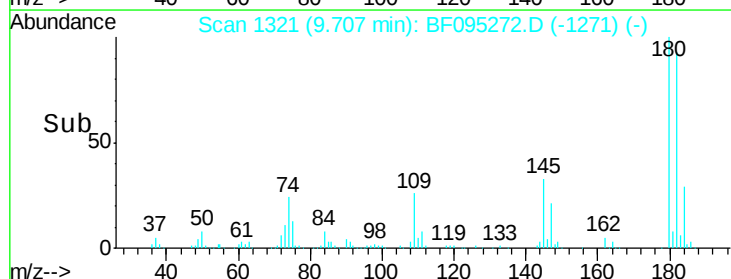
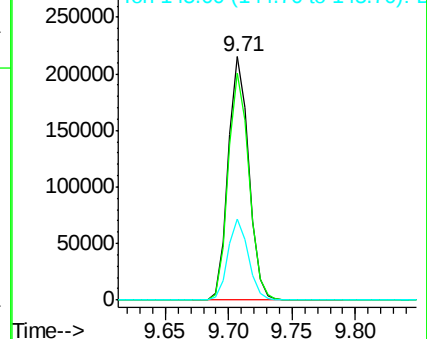
Lab File: BF095272.D

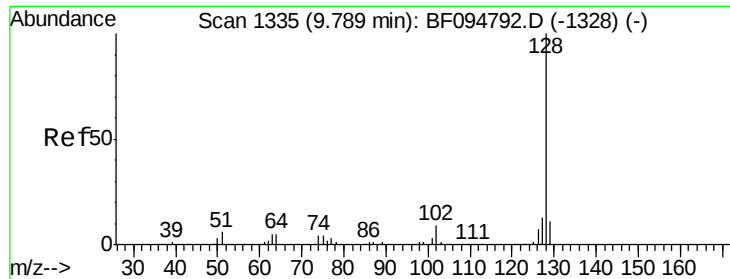
Acq: 19 May 2017 20:02

Tgt Ion:	180	Resp:	242448
Ion Ratio	Lower	Upper	
180	100		
182	93.1	75.8	113.6
145	33.1	25.3	37.9



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





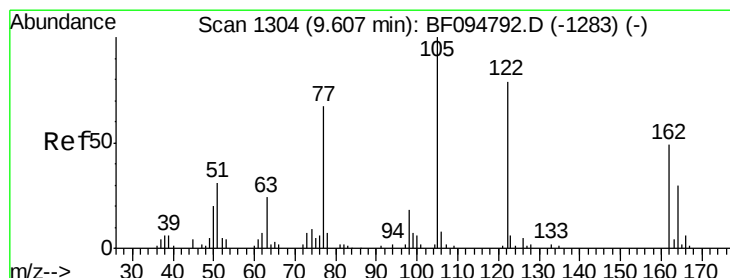
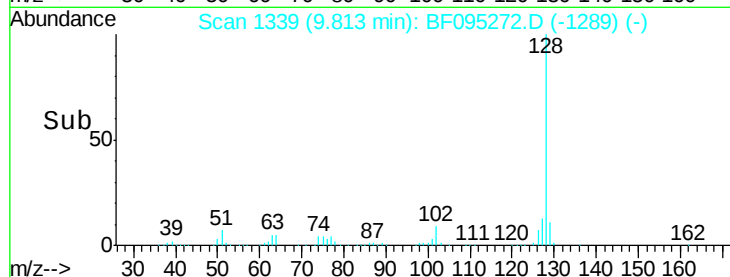
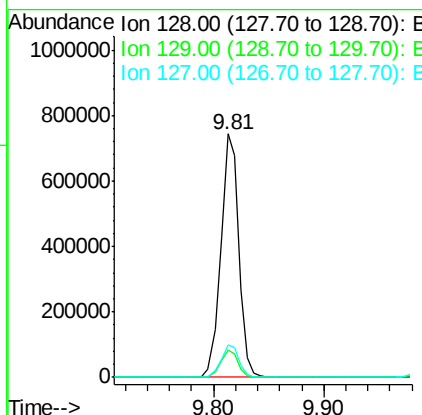
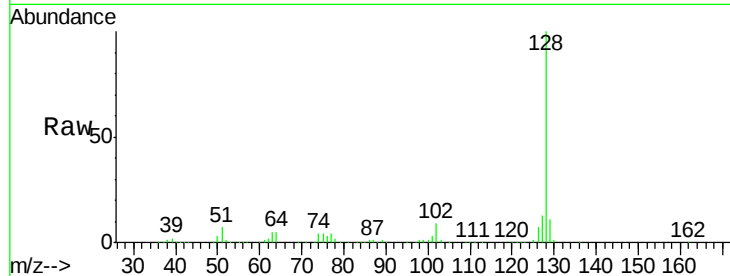
#31
Naphthalene
Concen: 45.97 ng
RT: 9.81 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	840177		
129	11.2	9.0	13.6	
127	13.3	10.8	16.2	

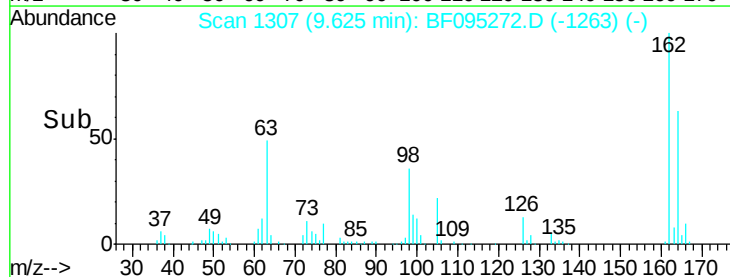
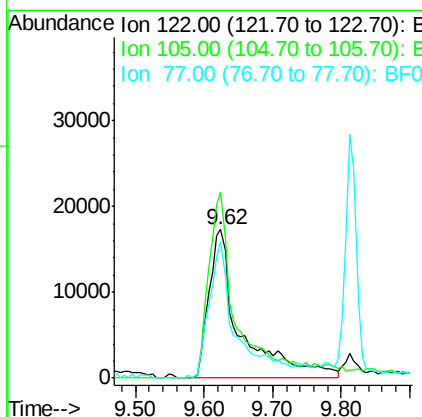
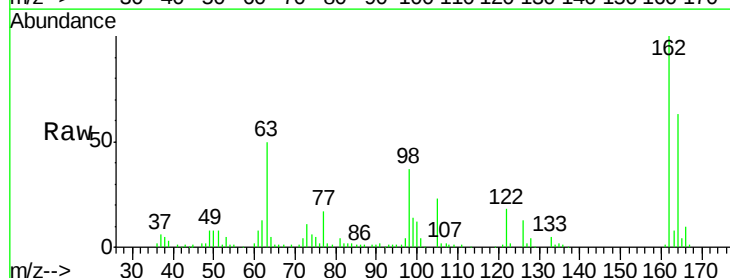
Manual Integrations
APPROVED

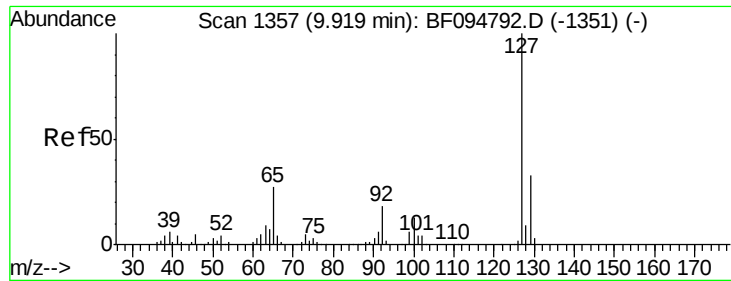
mohammad
5/22/2017 1:29:49 PM



#32
Benzoic acid
Concen: 19.38 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.04 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	55357		
105	125.0	103.3	143.3	
77	91.5	73.7	113.7	





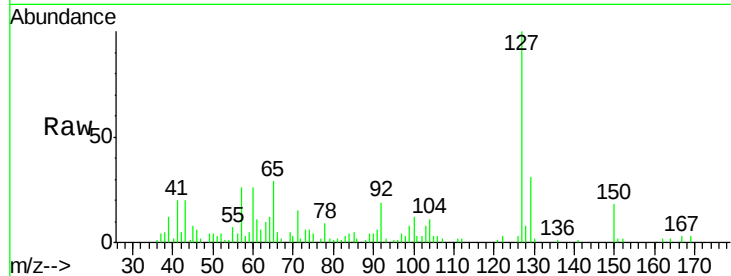
#33
4-Chloroaniline
Concen: 11.35 ng
RT: 9.99 min Scan# 1369
Delta R.T. 0.03 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Instrument :
BNA_F
ClientSampleId :
E2-T8-BAEMSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.2	39.2
65	29.1	27.8	41.8
92	19.1	16.8	25.2

Manual Integrations
APPROVED

mohammad
5/22/2017 1:29:49 PM



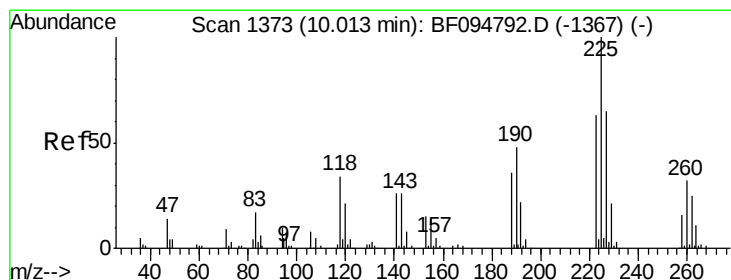
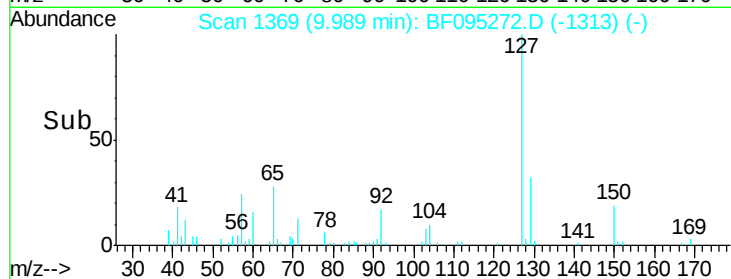
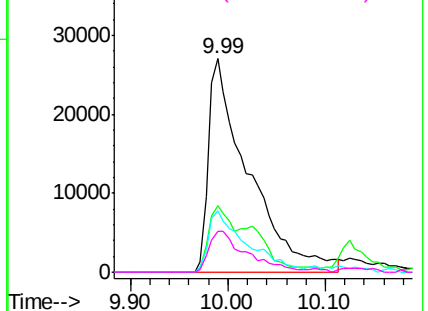
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

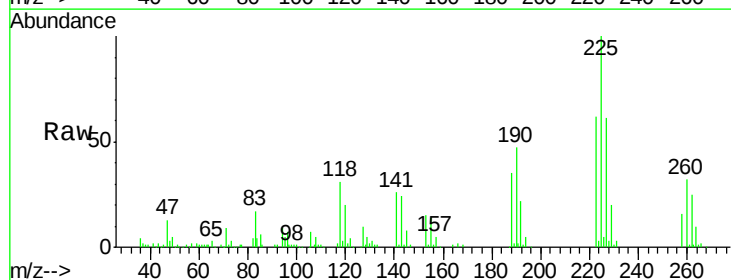
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 41.81 ng
RT: 10.03 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	48.8	73.2
227	60.7	51.1	76.7

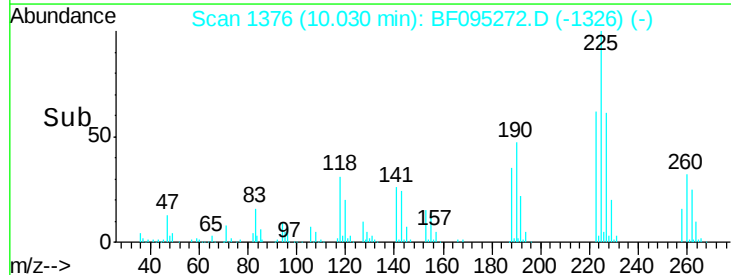
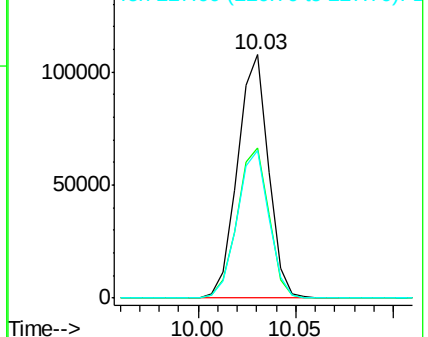


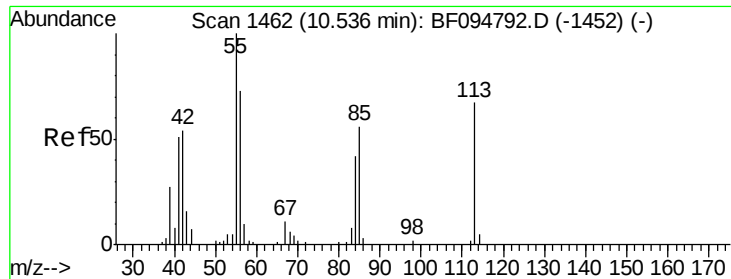
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 47.77 ng m

RT: 10.60 min Scan# 1473

Delta R.T. 0.01 min

Lab File: BF095272.D

Acq: 19 May 2017 20:02

Instrument :

BNA_F

ClientSampleId :

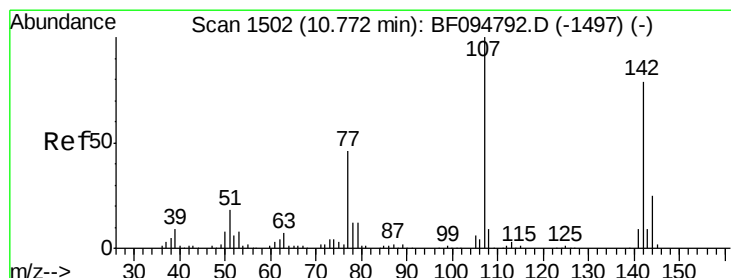
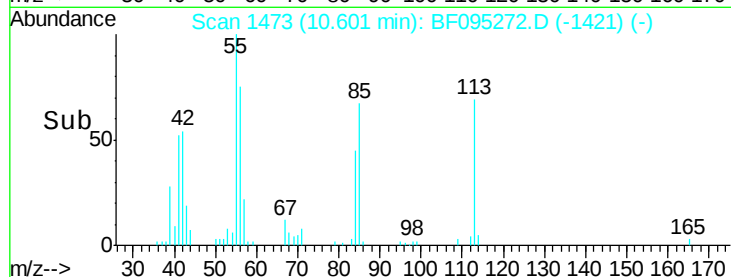
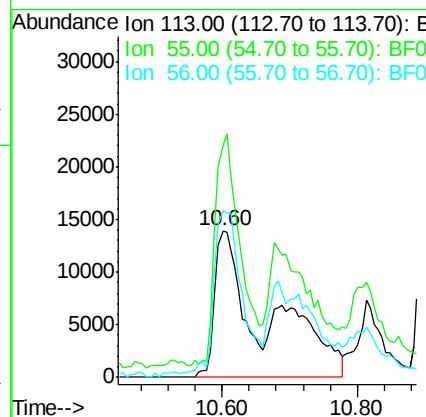
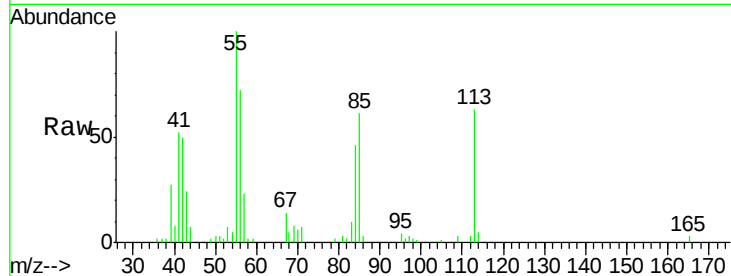
E2-T8-BASEMSD

Tgt Ion:113 Resp: 71426

Ion	Ratio	Lower	Upper
113	100		
55	158.2	150.2	190.2
56	113.6	107.8	147.8

Manual Integrations
APPROVED

mohammad
5/22/2017 1:29:49 PM



#36

4-Chloro-3-methylphenol

Concen: 53.57 ng

RT: 10.81 min Scan# 1509

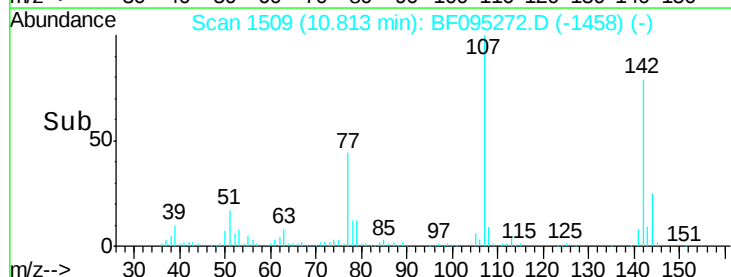
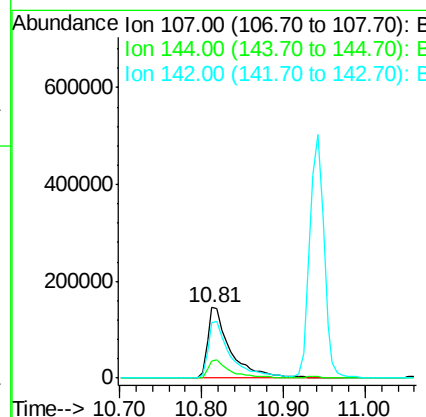
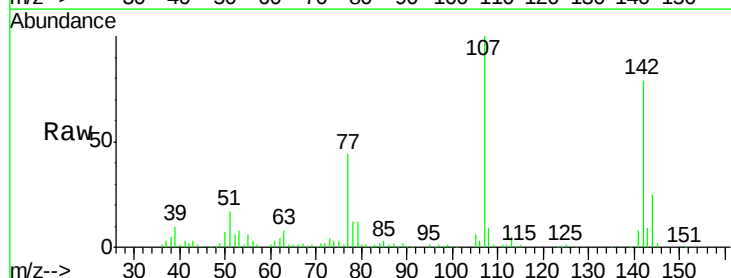
Delta R.T. 0.00 min

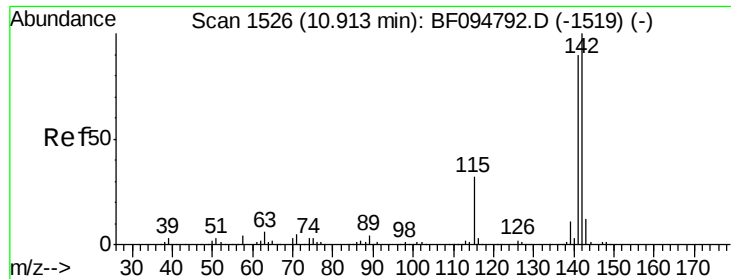
Lab File: BF095272.D

Acq: 19 May 2017 20:02

Tgt Ion:107 Resp: 285220

Ion	Ratio	Lower	Upper
107	100		
144	24.7	24.2	36.4
142	79.3	73.4	110.0





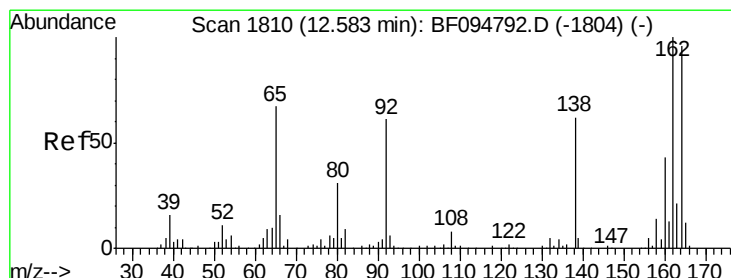
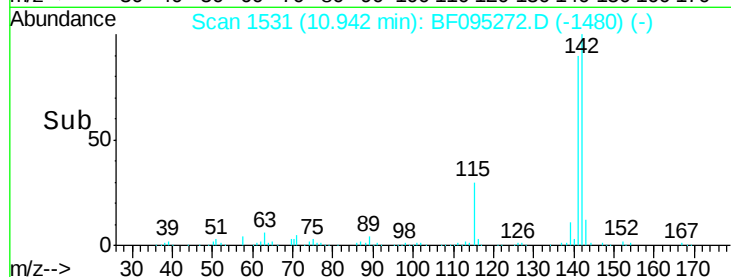
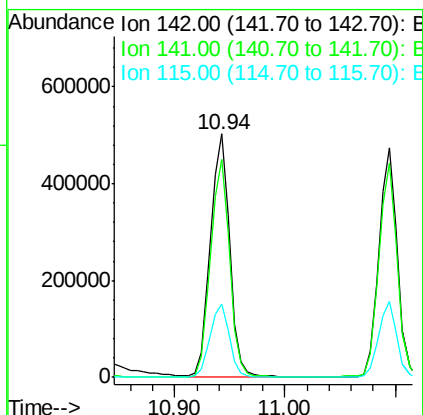
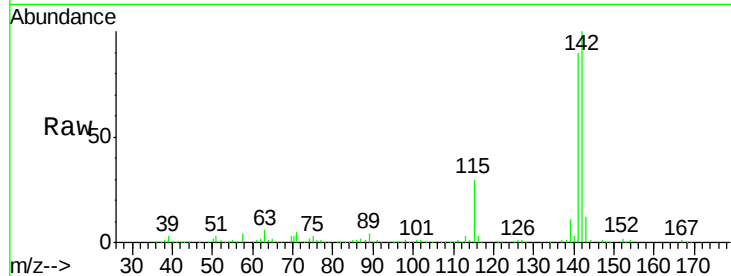
#37
2-Methylnaphthalene
Concen: 50.05 ng
RT: 10.94 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Instrument :
BNA_F
ClientSampleId :
E2-T8-BAEMSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.3	106.9
115	30.0	27.1	40.7

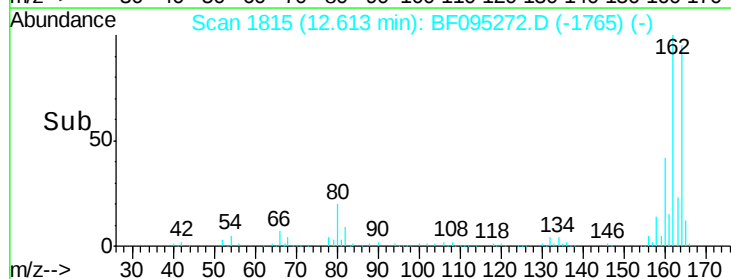
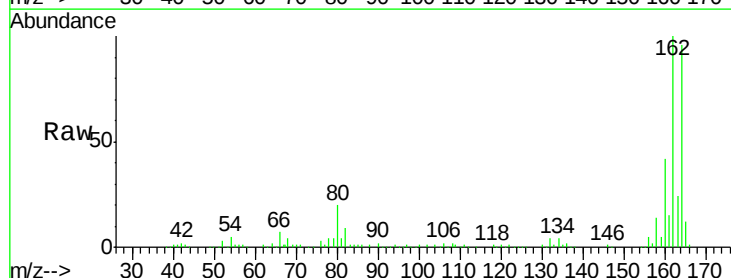
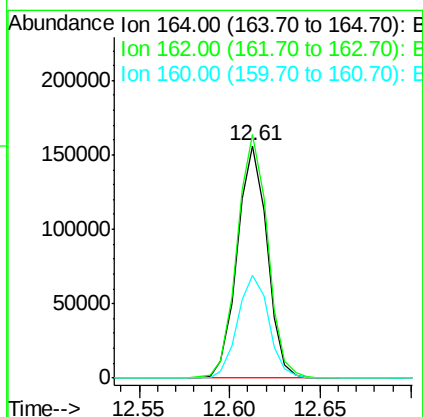
Manual Integrations
APPROVED

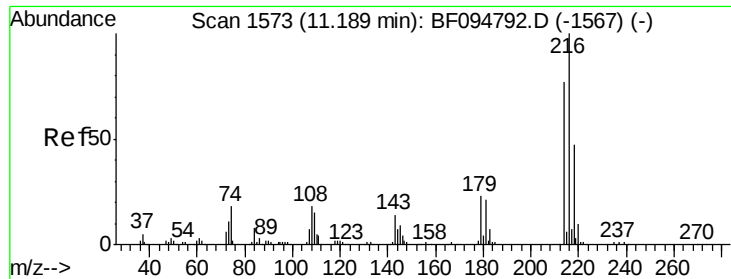
mohammad
5/22/2017 1:29:49 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.6	123.8
160	44.3	36.2	54.2





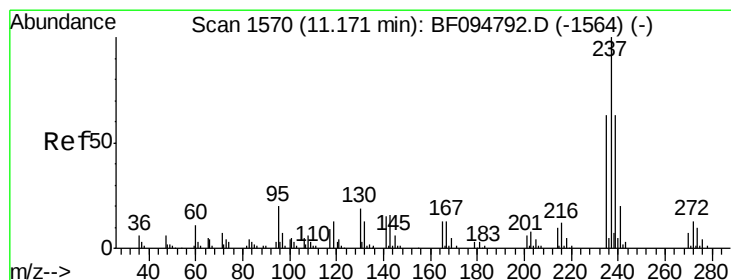
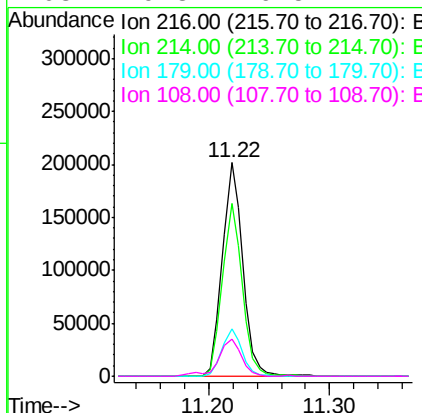
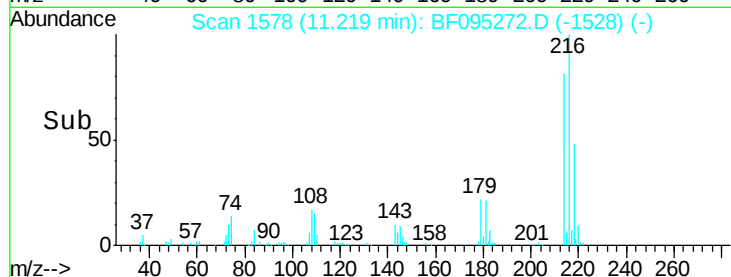
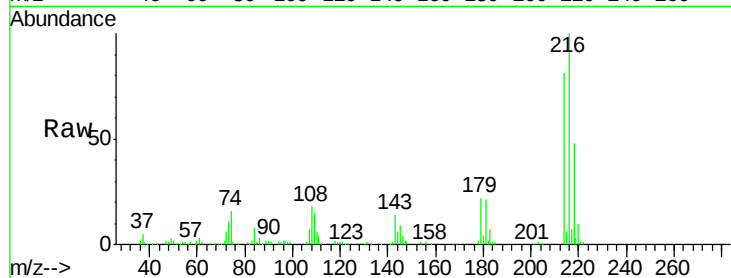
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.94 ng
 RT: 11.22 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF095272.D
 Acq: 19 May 2017 20:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-T8-BASEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	235824		
214	79.1	63.4	95.2	
179	22.1	17.9	26.9	
108	19.8	16.5	24.7	

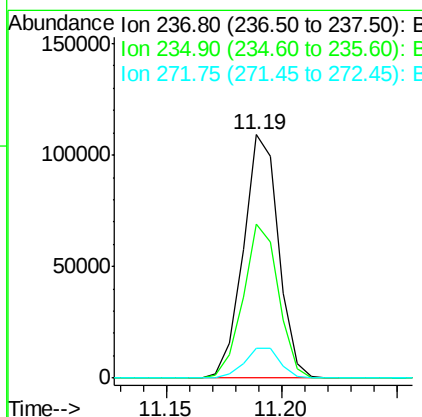
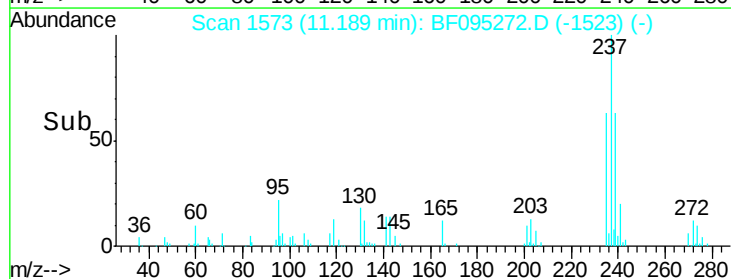
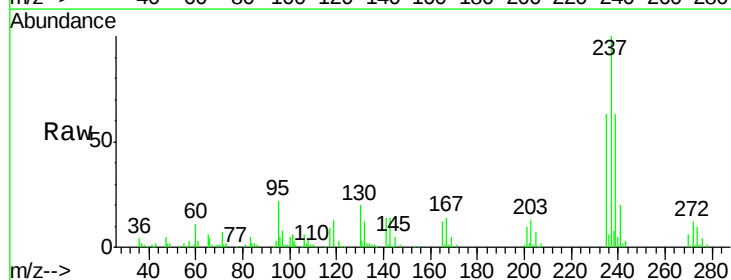
Manual Integrations
 APPROVED

mohammad
 5/22/2017 1:29:49 PM



#40
 Hexachlorocyclopentadiene
 Concen: 52.52 ng
 RT: 11.19 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF095272.D
 Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	116053		
235	63.5	42.6	82.6	
272	12.4	0.0	31.9	





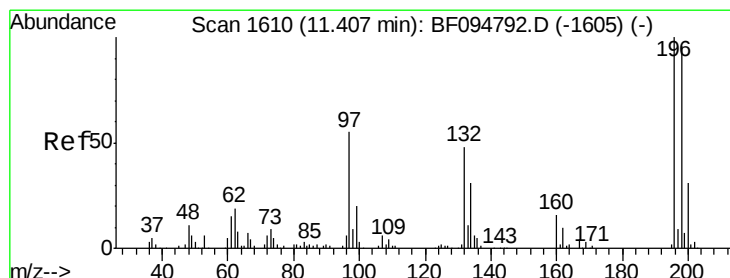
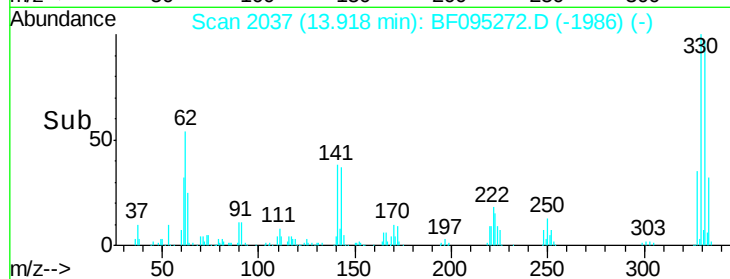
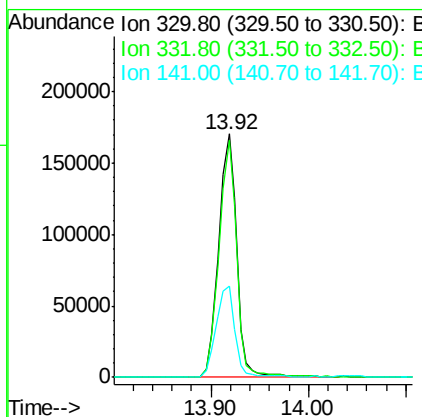
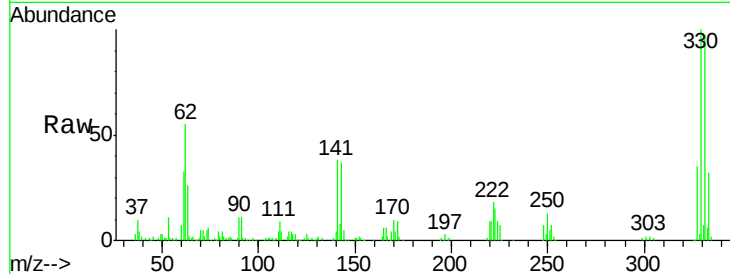
#41
 2,4,6-Tribromophenol
 Concen: 150.68 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF095272.D
 Acq: 19 May 2017 20:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-T8-BASEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	220358		
332	95.6	76.6	115.0	
141	39.5	31.4	47.2	

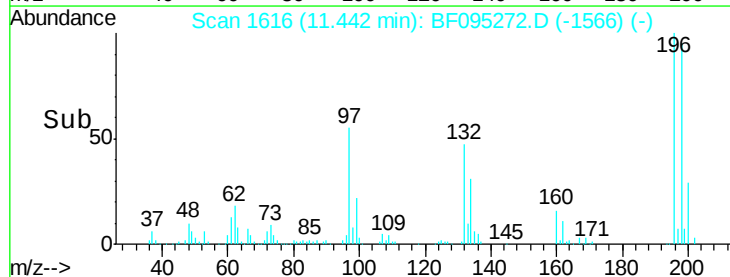
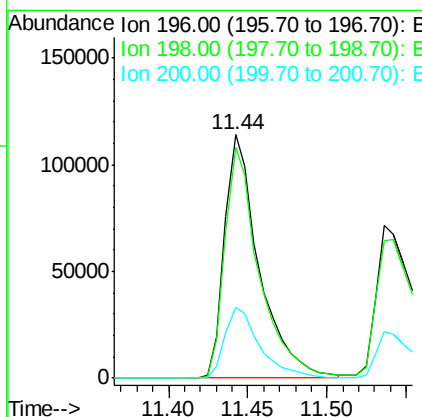
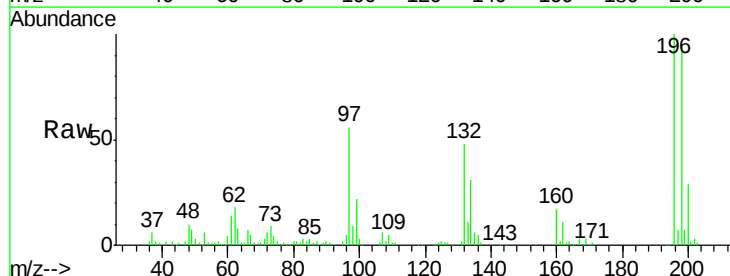
Manual Integrations
 APPROVED

mohammad
 5/22/2017 1:29:49 PM



#42
 2,4,6-Trichlorophenol
 Concen: 47.16 ng
 RT: 11.44 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF095272.D
 Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	172921		
198	94.7	74.2	111.4	
200	29.0	24.0	36.0	





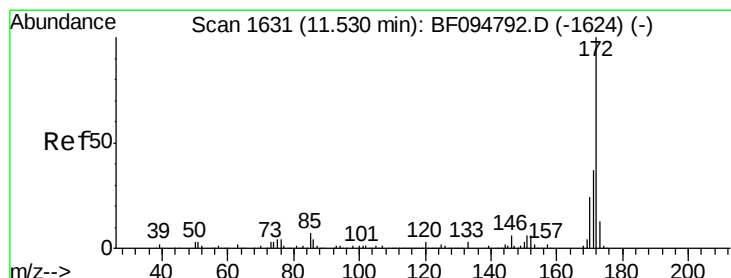
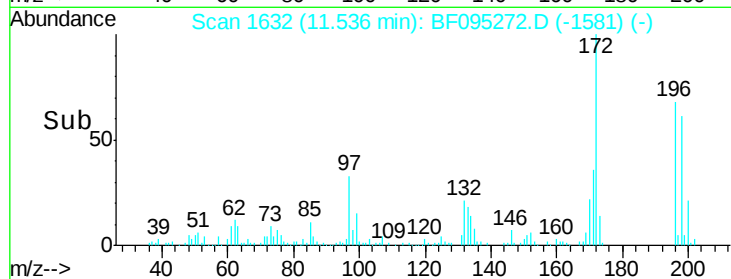
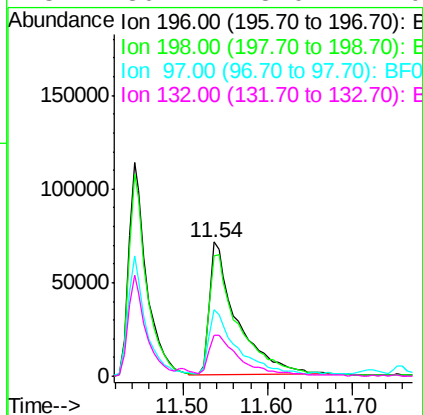
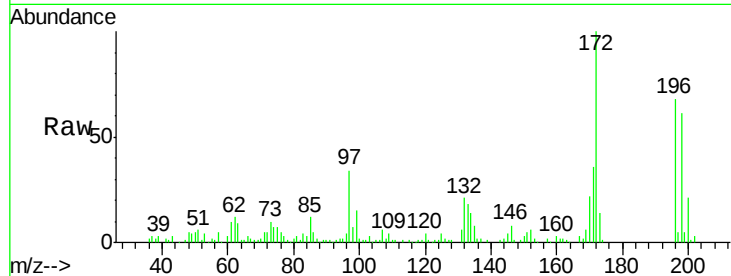
#43
 2,4,5-Trichlorophenol
 Concen: 41.21 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF095272.D
 Acq: 19 May 2017 20:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-T8-BASEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	162407		
198	90.1	75.7	113.5	
97	49.8	47.7	71.5	
132	30.7	28.0	42.0	

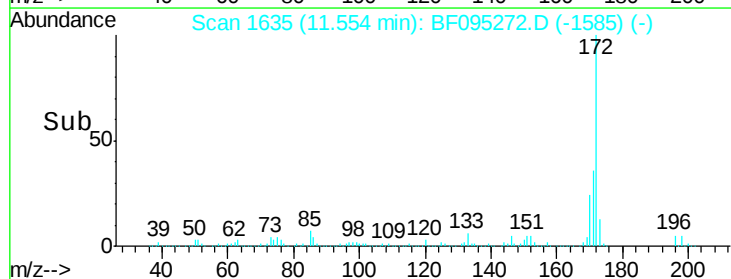
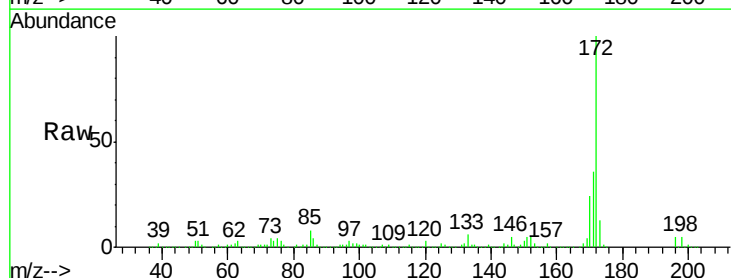
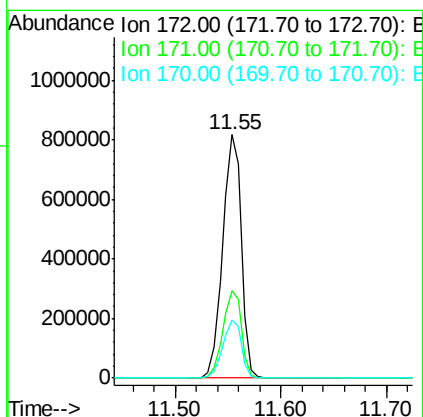
Manual Integrations
 APPROVED

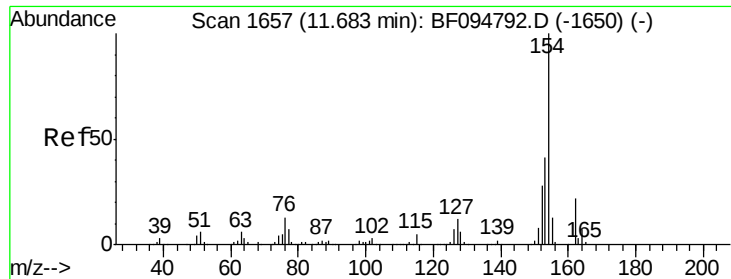
mohammad
 5/22/2017 1:29:49 PM



#44
 2-Fluorobiphenyl
 Concen: 81.09 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095272.D
 Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1006009		
171	36.0	29.6	44.4	
170	23.9	19.8	29.8	





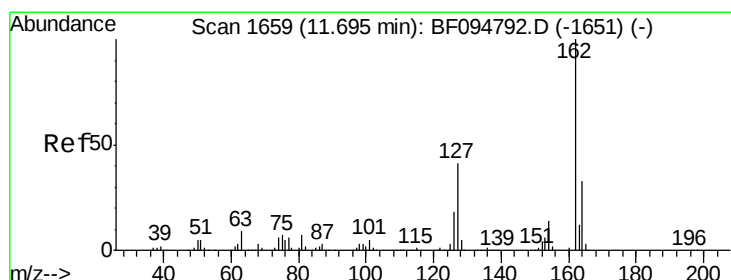
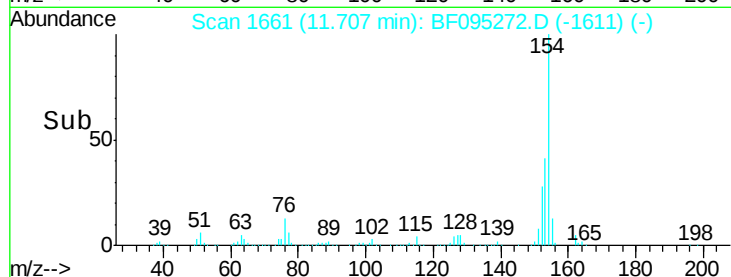
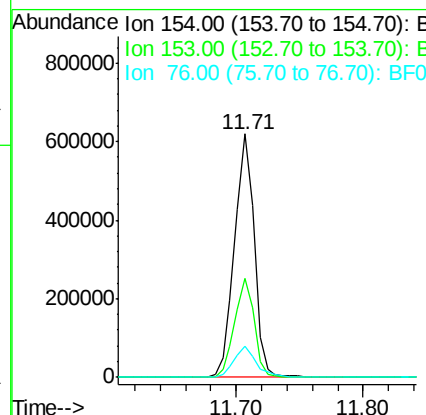
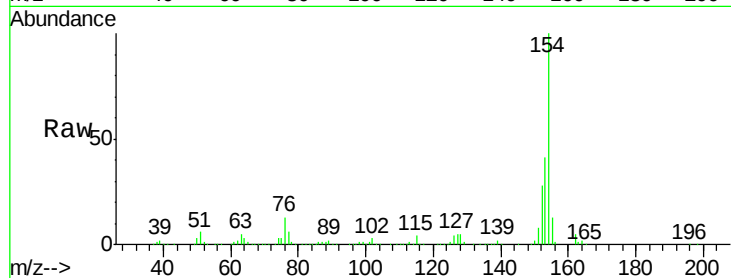
#45
 1,1'-Biphenyl
 Concen: 44.28 ng
 RT: 11.71 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BF095272.D
 Acq: 19 May 2017 20:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-T8-BASEMSD

Tgt Ion:	154	Resp:	665746
Ion Ratio	Lower	Upper	
154	100		
153	40.6	21.2	61.2
76	12.9	0.0	29.9

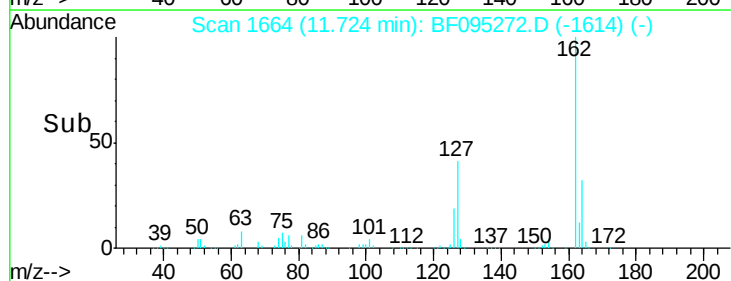
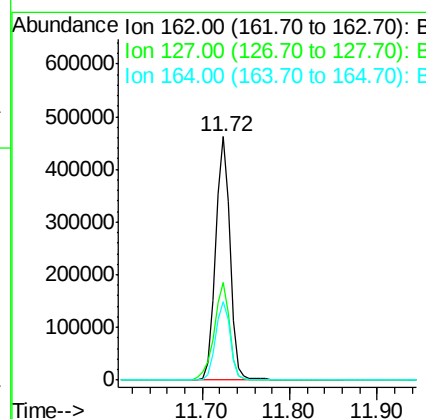
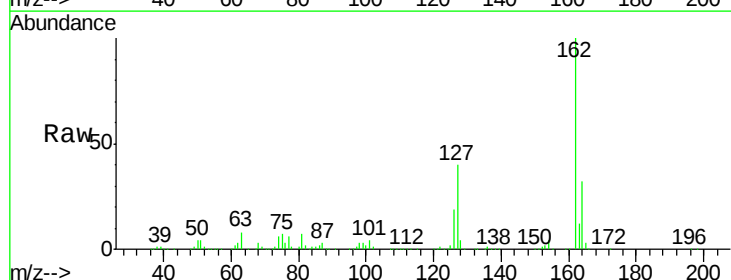
Manual Integrations
 APPROVED

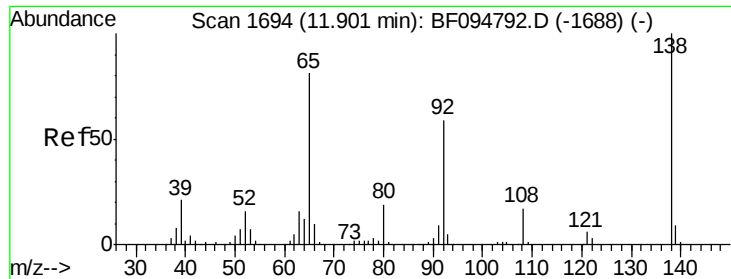
mohammad
 5/22/2017 1:29:49 PM



#46
 2-Chloronaphthalene
 Concen: 43.83 ng
 RT: 11.72 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF095272.D
 Acq: 19 May 2017 20:02

Tgt Ion:	162	Resp:	532156
Ion Ratio	Lower	Upper	
162	100		
127	40.3	28.3	42.5
164	32.4	27.0	40.4





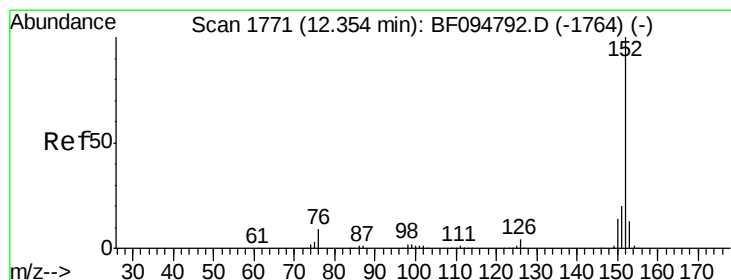
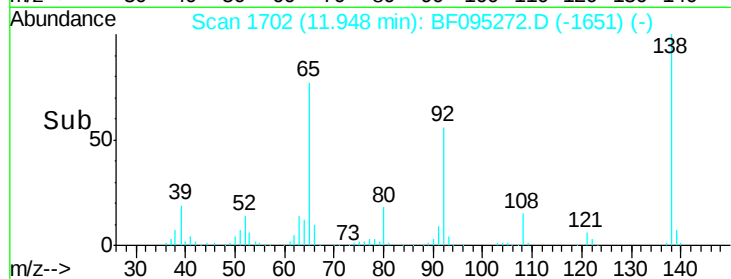
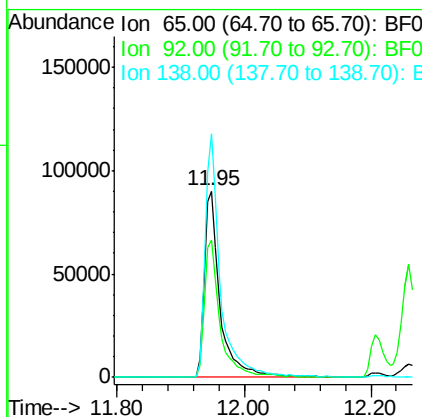
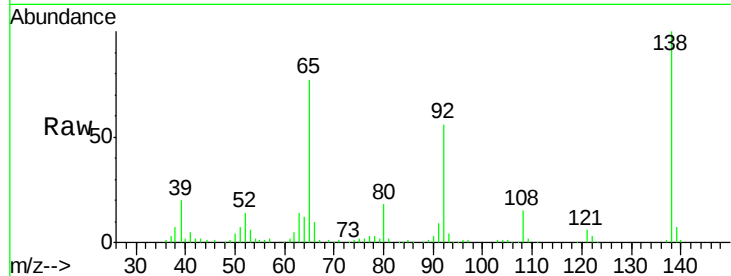
#47
2-Nitroaniline
Concen: 46.73 ng
RT: 11.95 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Instrument :
BNA_F
ClientSampleId :
E2-T8-BAEMSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.6	53.9	80.9
138	130.5	78.8	118.2

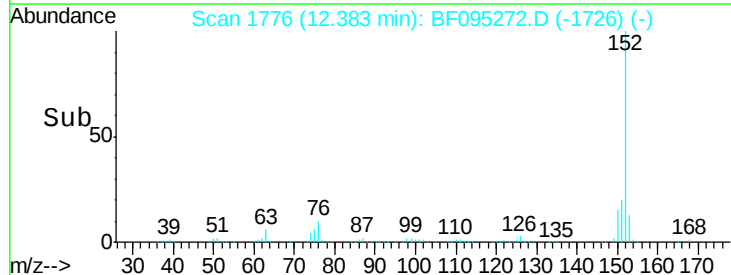
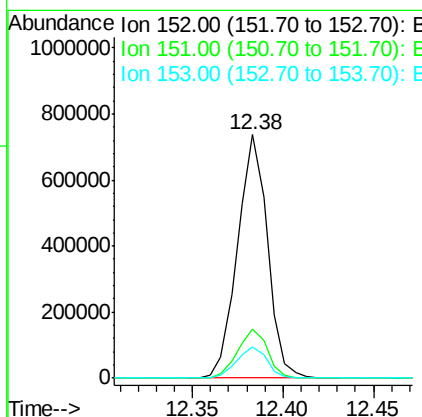
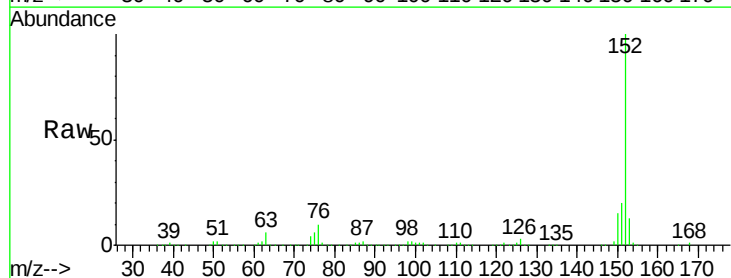
Manual Integrations
APPROVED

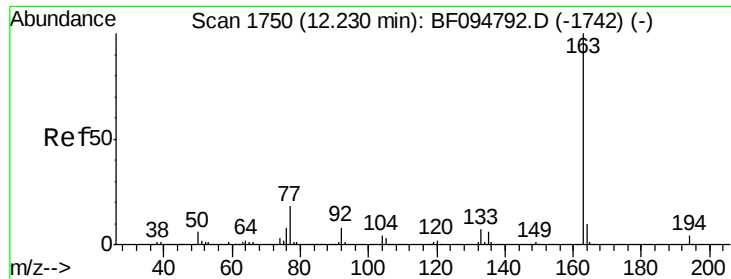
mohammad
5/22/2017 1:29:49 PM



#48
Acenaphthylene
Concen: 44.33 ng
RT: 12.38 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	13.0	10.8	16.2





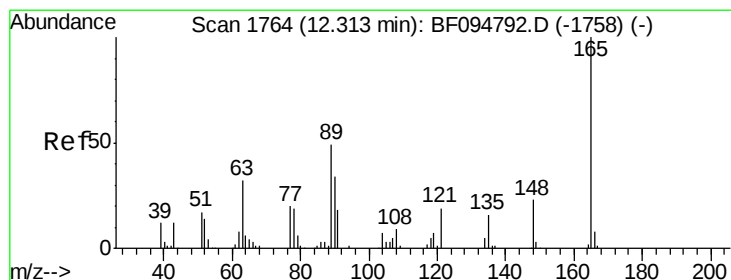
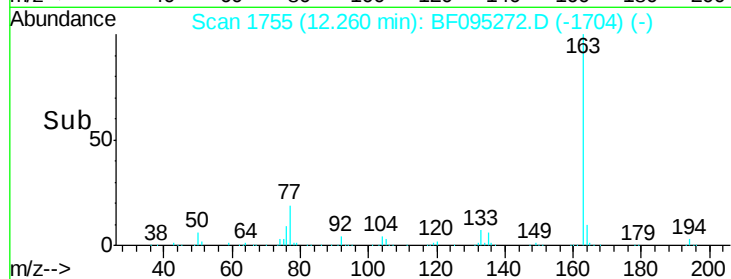
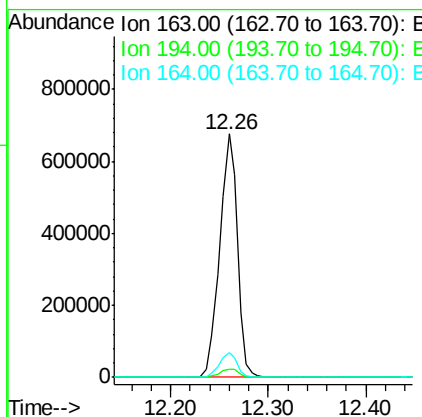
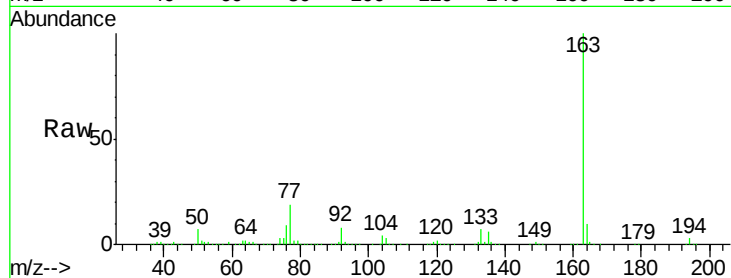
#49
Dimethylphthalate
Concen: 58.15 ng
RT: 12.26 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	852436		
194	3.5		2.6	4.0
164	10.0		8.4	12.6

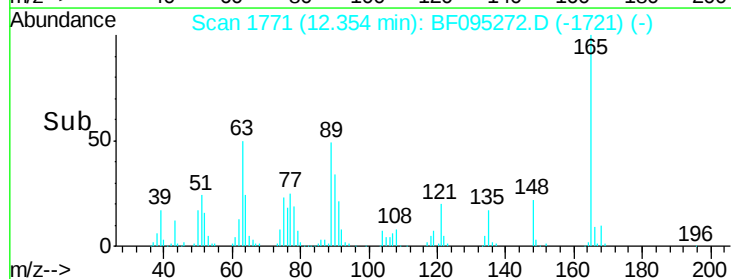
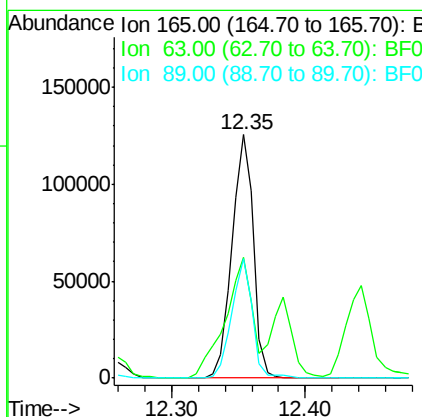
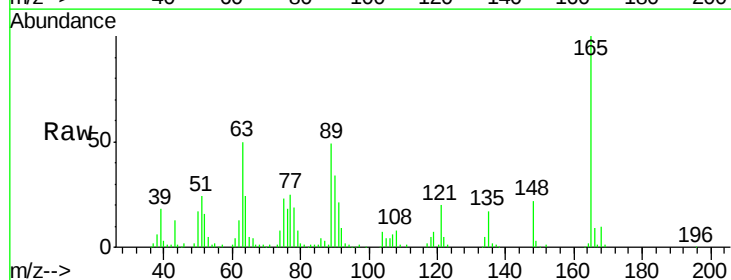
Manual Integrations
APPROVED

mohammad
5/22/2017 1:29:49 PM



#50
2,6-Dinitrotoluene
Concen: 47.29 ng
RT: 12.35 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	141443		
63	49.7		34.3	51.5
89	49.0		37.1	55.7





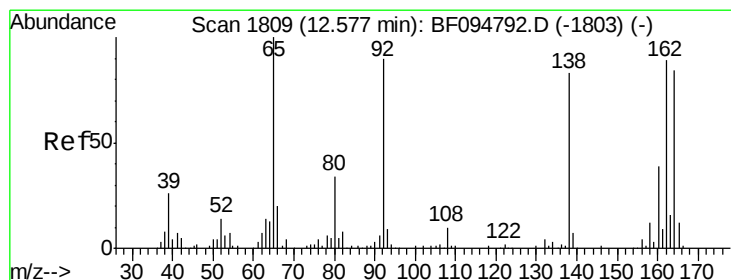
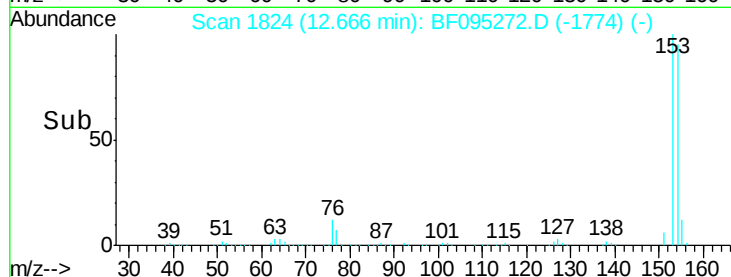
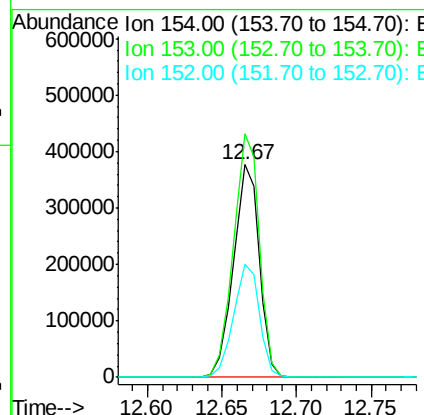
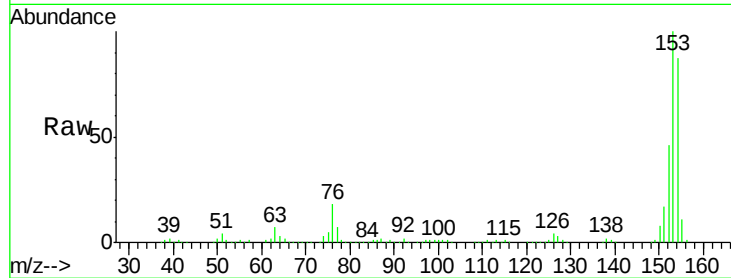
#51
Acenaphthene
Concen: 40.37 ng
RT: 12.67 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.7	90.5	135.7
152	53.0	43.6	65.4

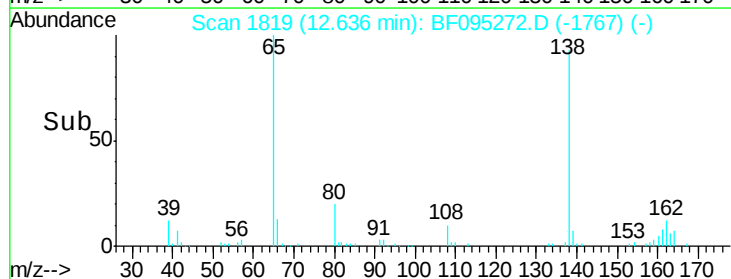
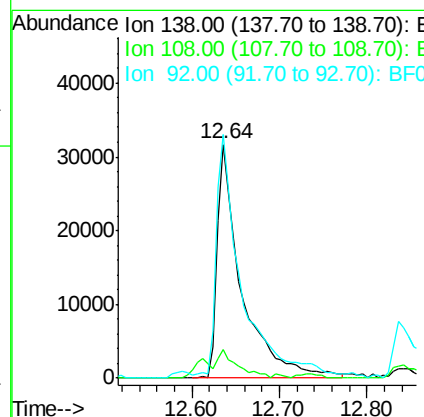
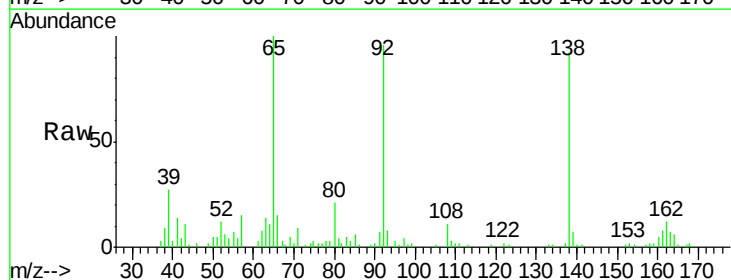
Manual Integrations
APPROVED

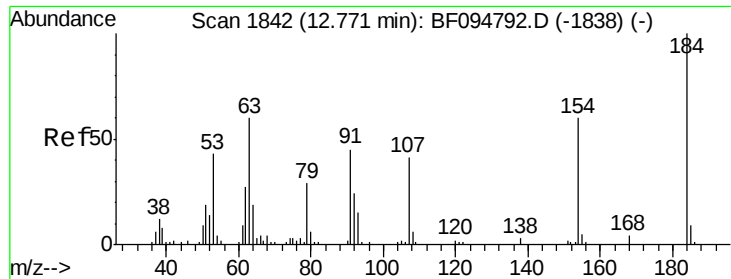
mohammad
5/22/2017 1:29:49 PM



#52
3-Nitroaniline
Concen: 19.12 ng
RT: 12.64 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.2	9.1	13.7
92	104.1	93.8	140.6





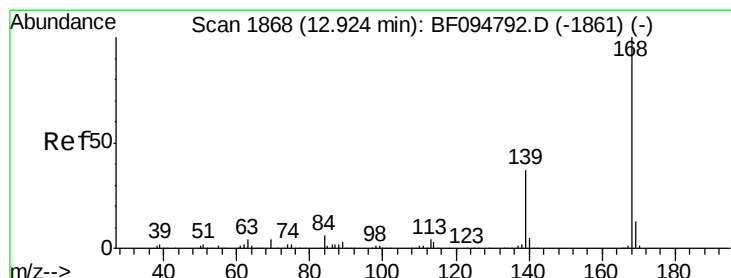
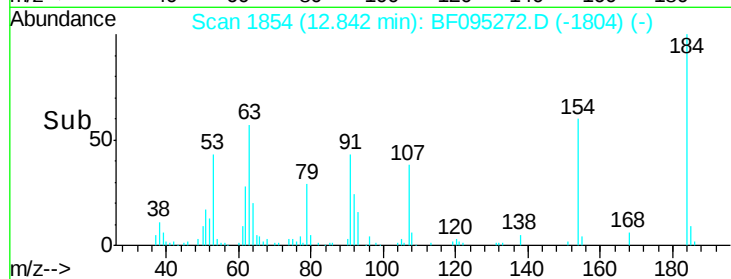
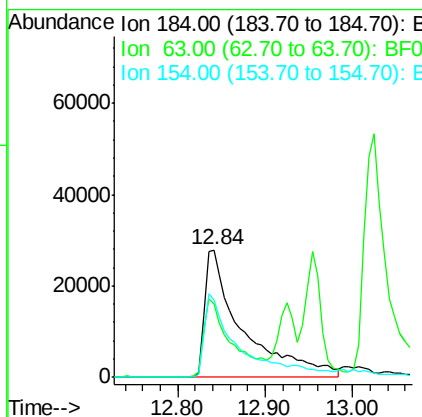
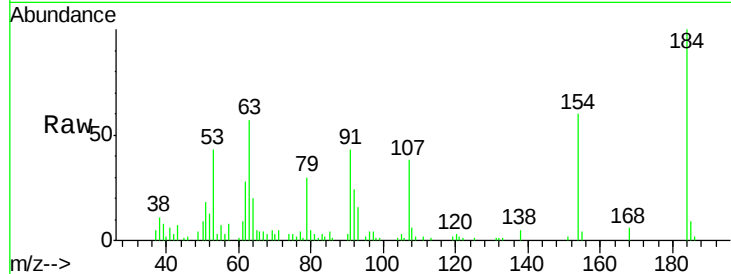
#53
2,4-Dinitrophenol
Concen: 52.73 ng
RT: 12.84 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMSD

Tgt Ion:184 Resp: 83048
Ion Ratio Lower Upper
184 100
63 57.0 62.7 94.1#
154 60.3 81.1 121.7#

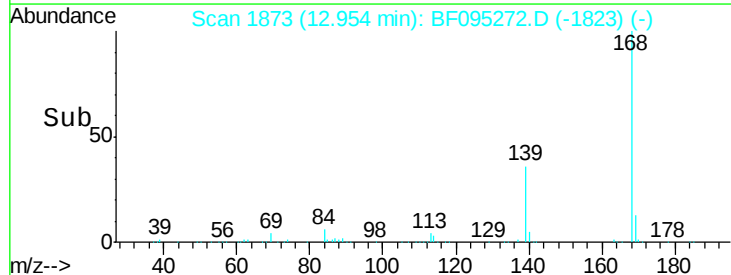
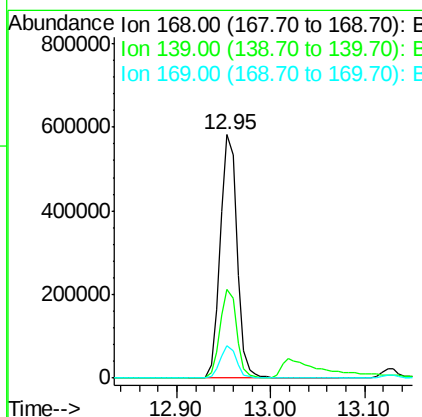
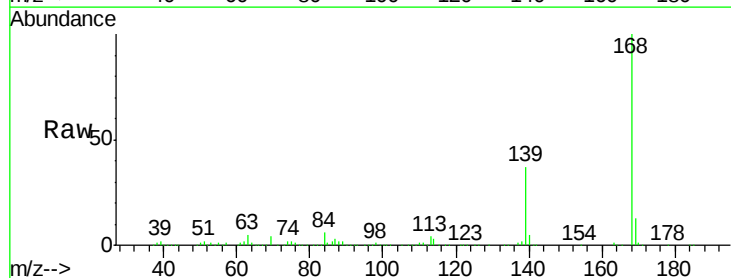
Manual Integrations
APPROVED

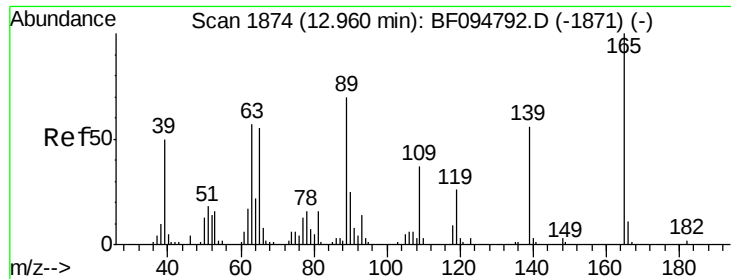
mohammad
5/22/2017 1:29:49 PM



#54
Dibenzofuran
Concen: 46.53 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Tgt Ion:168 Resp: 731249
Ion Ratio Lower Upper
168 100
139 36.6 30.6 45.8
169 13.5 10.8 16.2





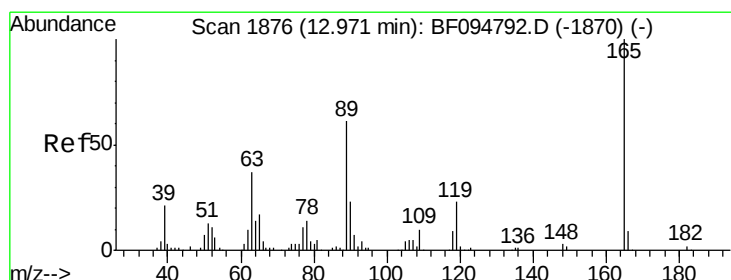
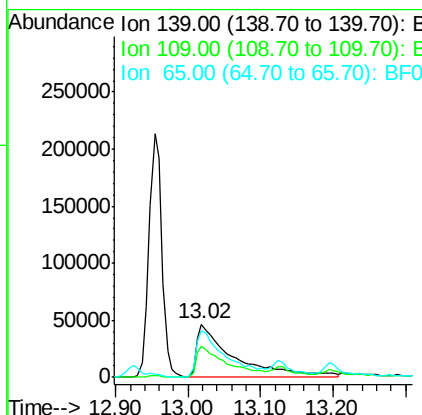
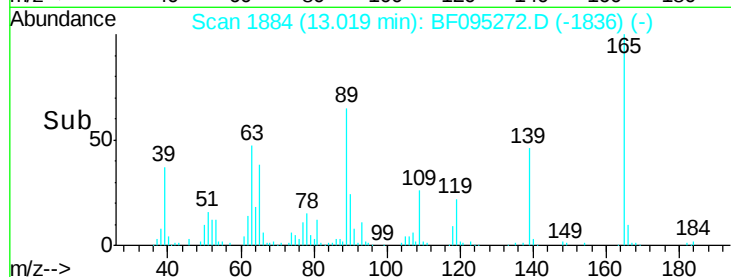
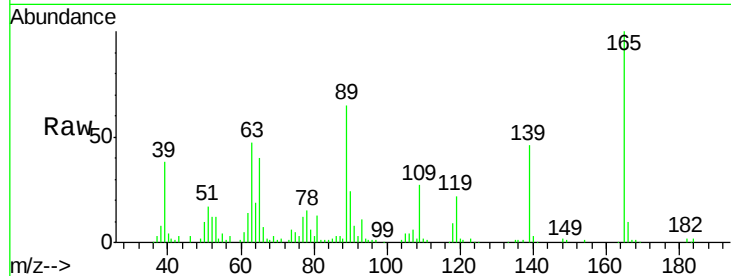
#55
4-Nitrophenol
Concen: 81.43 ng
RT: 13.02 min Scan# 1884
Delta R.T. -0.02 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	156989		
109	58.4	34.1	74.1	
65	86.8	31.4	71.4	#

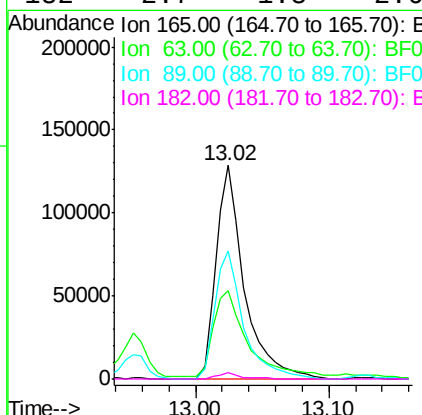
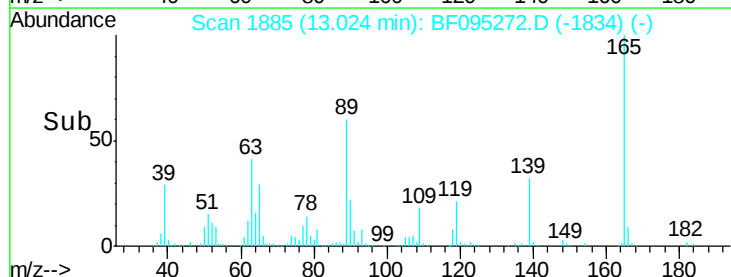
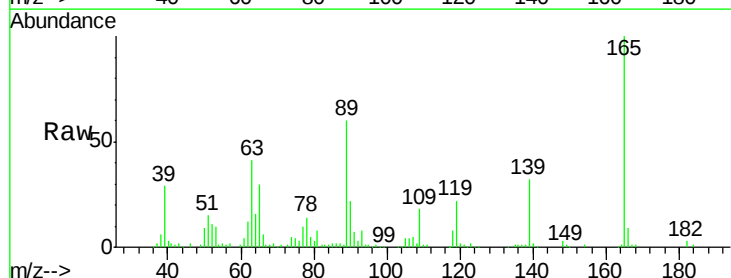
Manual Integrations
APPROVED

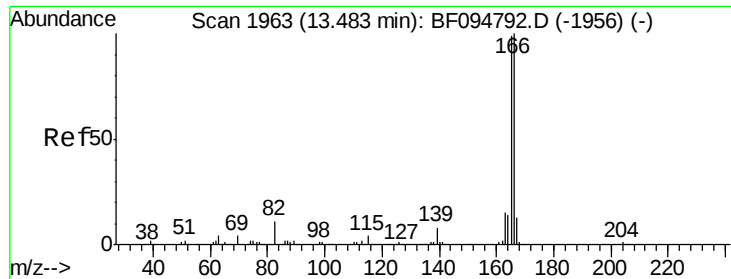
mohammad
5/22/2017 1:29:49 PM



#56
2,4-Dinitrotoluene
Concen: 49.81 ng
RT: 13.02 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	191439		
63	41.4	25.4	38.0	#
89	59.8	46.4	69.6	
182	2.7	1.8	2.6	#





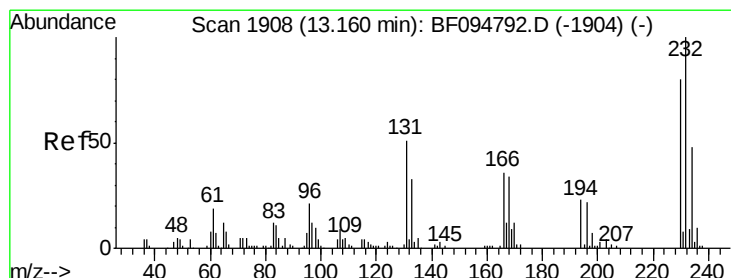
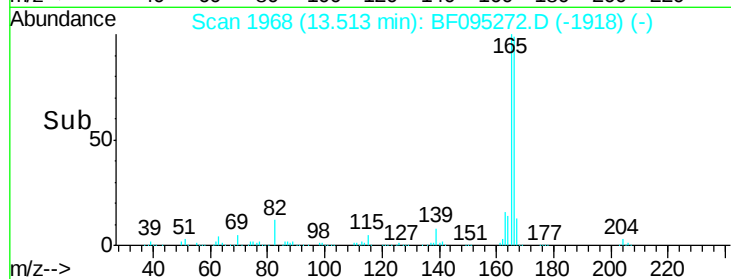
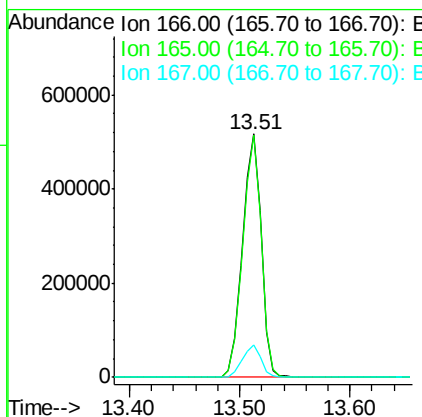
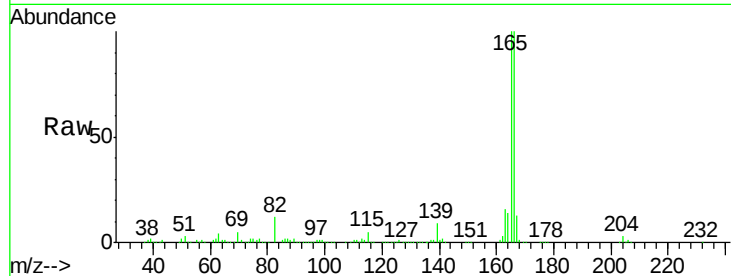
#57
 Fluorene
 Concen: 45.46 ng
 RT: 13.51 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BF095272.D
 Acq: 19 May 2017 20:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-T8-BASEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	621259		
165	99.7	78.8	118.2	
167	13.2	10.6	16.0	

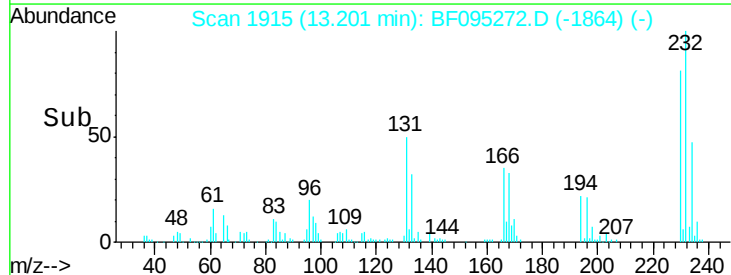
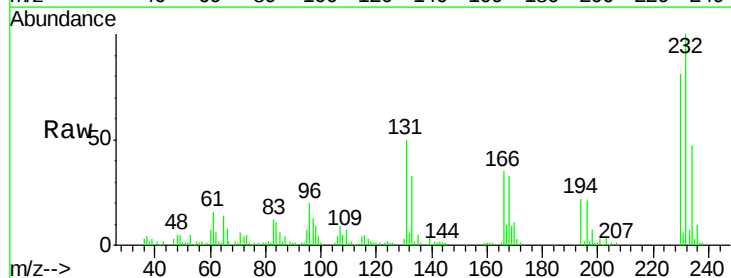
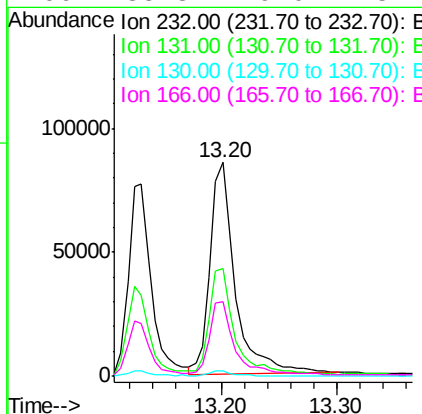
Manual Integrations
 APPROVED

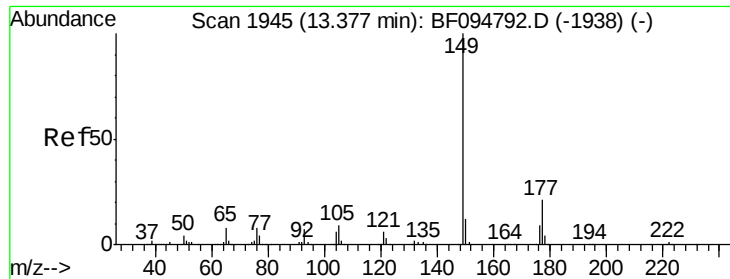
mohammad
 5/22/2017 1:29:49 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.19 ng
 RT: 13.20 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: BF095272.D
 Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	129452		
131	52.3	44.8	67.2	
130	2.5	2.3	3.5	
166	35.3	29.0	43.4	





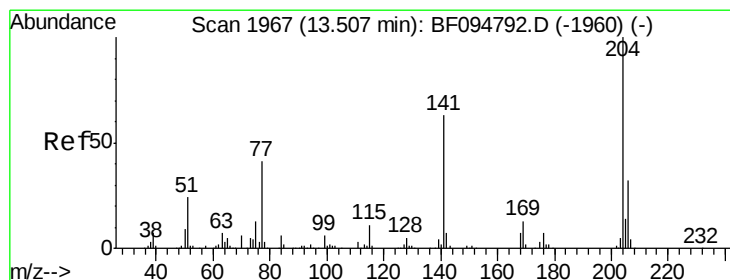
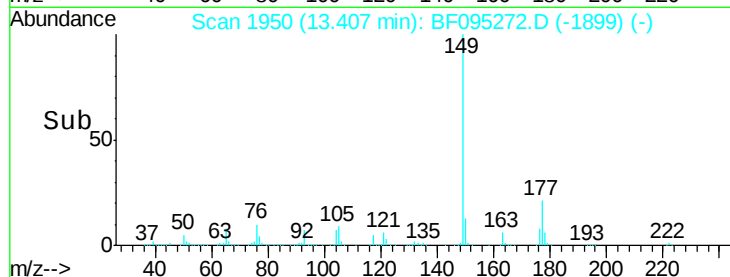
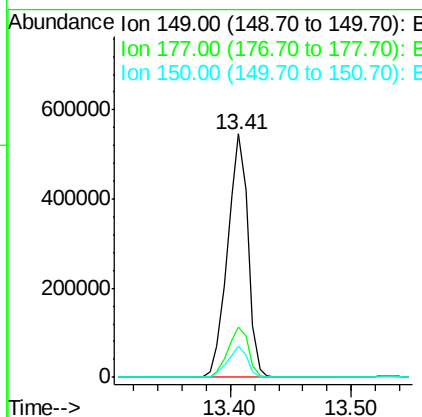
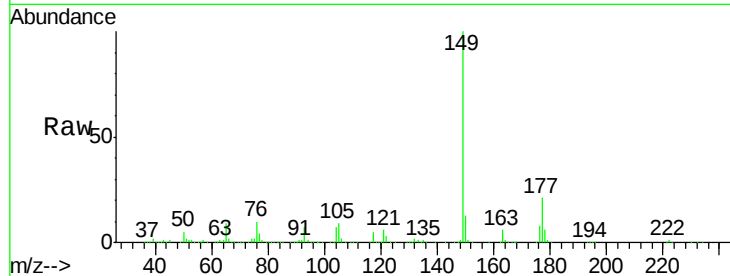
#59
Diethylphthalate
Concen: 45.47 ng
RT: 13.41 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.7	25.1
150	12.6	10.2	15.2

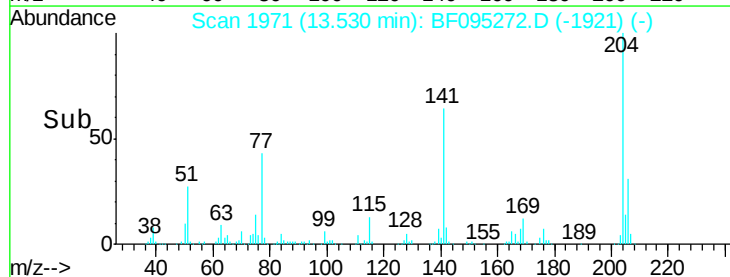
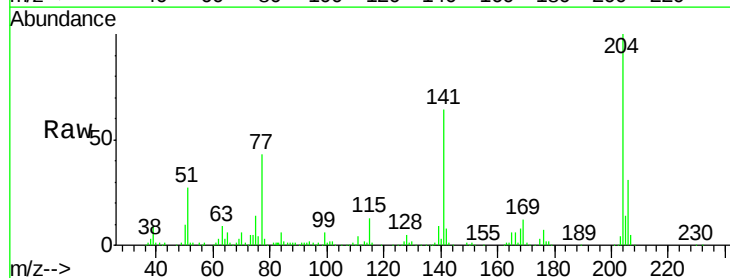
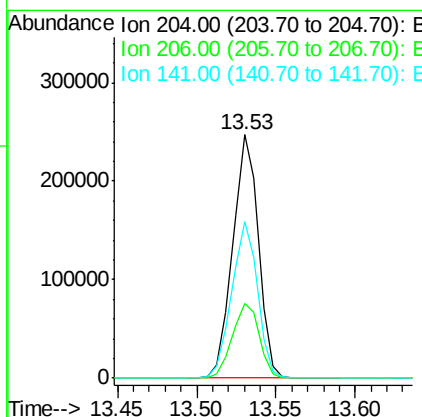
Manual Integrations
APPROVED

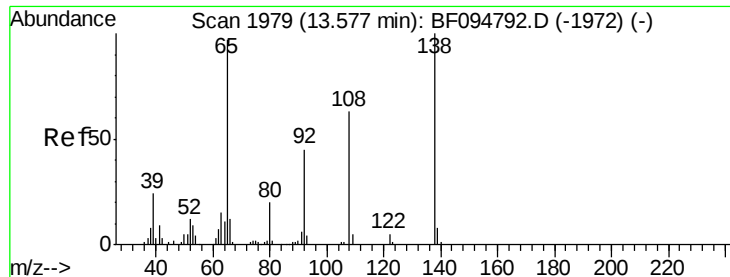
mohammad
5/22/2017 1:29:49 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.04 ng
RT: 13.53 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Lower	Upper
204	100		
206	30.8	26.2	39.2
141	64.4	60.8	91.2





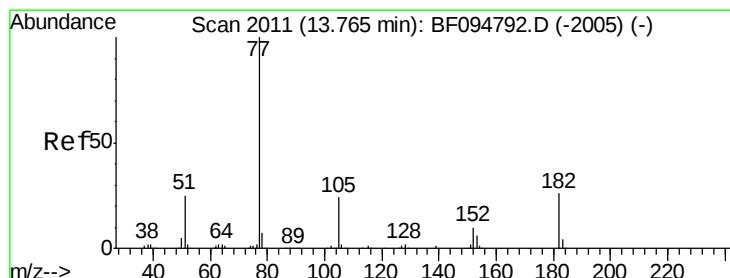
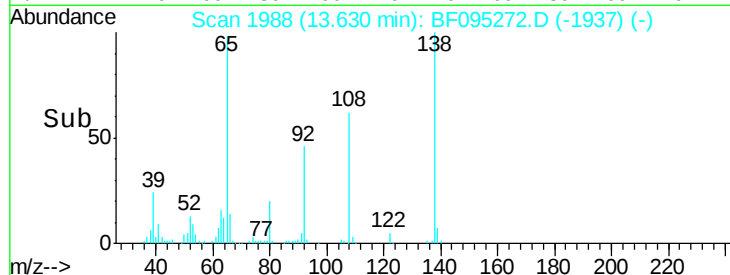
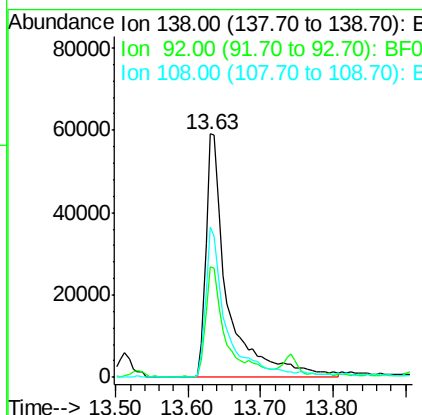
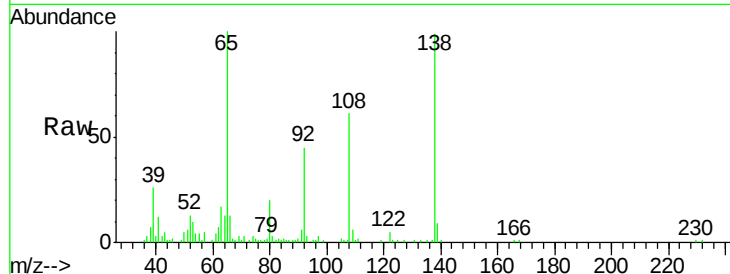
#61
4-Nitroaniline
Concen: 41.96 ng
RT: 13.63 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.6	21.8	61.8
108	61.5	42.3	82.3

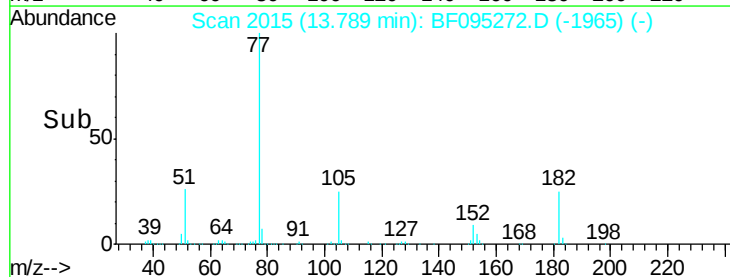
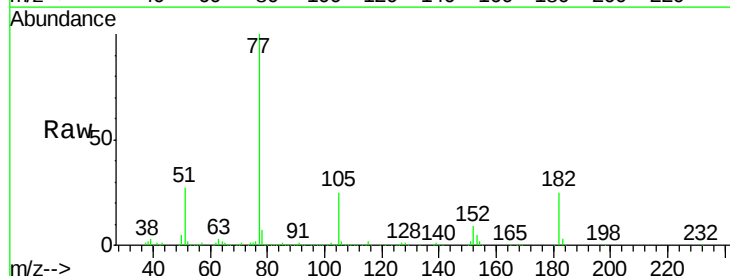
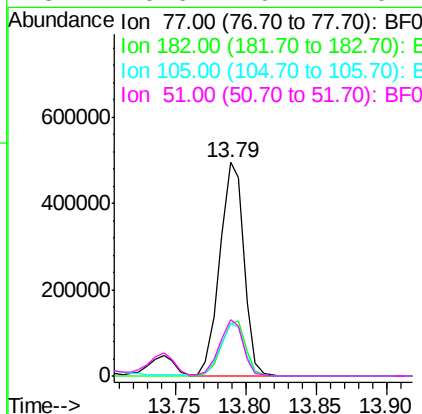
Manual Integrations
APPROVED

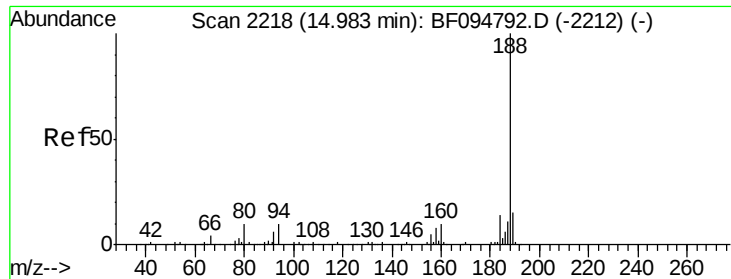
mohammad
5/22/2017 1:29:49 PM



#62
Azobenzene
Concen: 51.89 ng
RT: 13.79 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.7	0.1	40.1
105	24.7	3.6	43.6
51	26.6	9.4	49.4





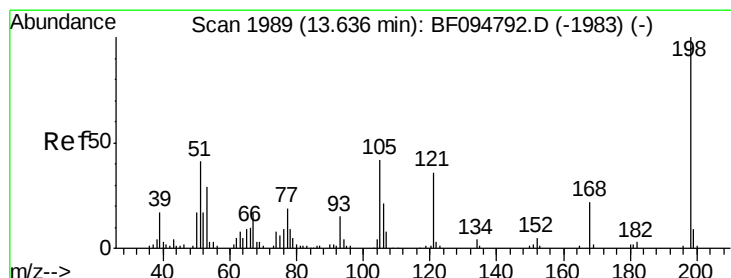
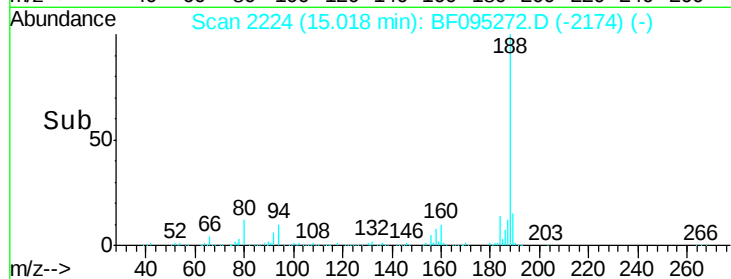
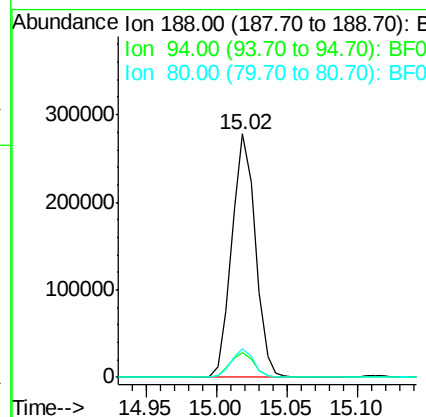
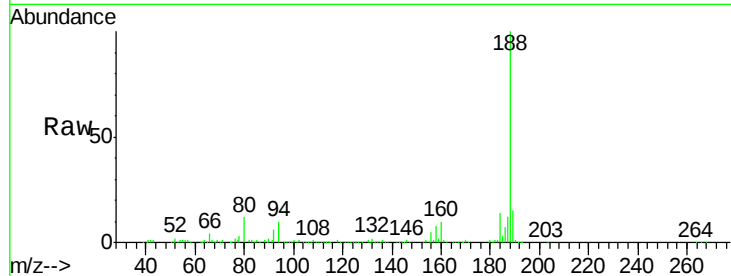
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	322541		
94	10.4		9.4	14.2
80	11.5		10.2	15.2

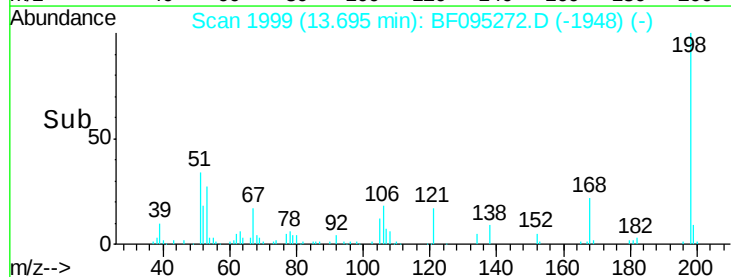
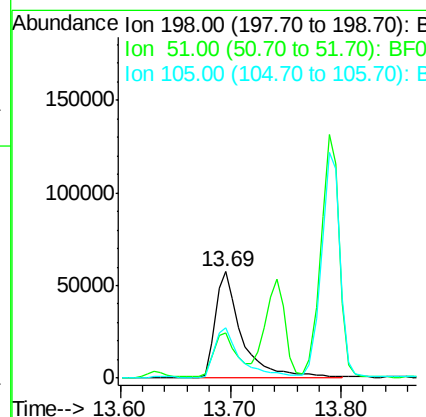
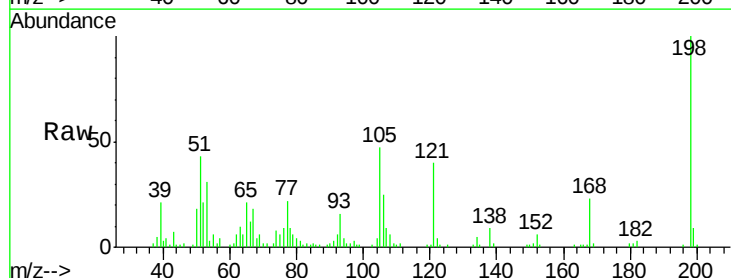
Manual Integrations
APPROVED

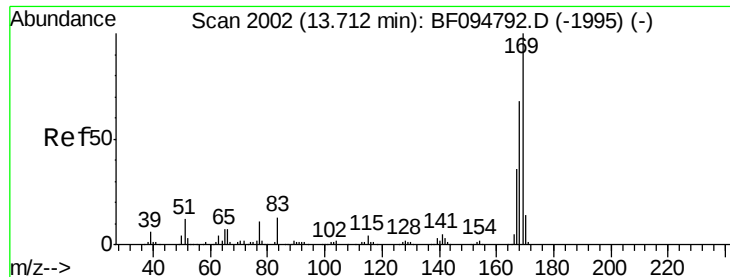
mohammad
5/22/2017 1:29:49 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 44.02 ng
RT: 13.69 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	95183		
51	42.9		53.2	93.2#
105	47.4		45.8	85.8





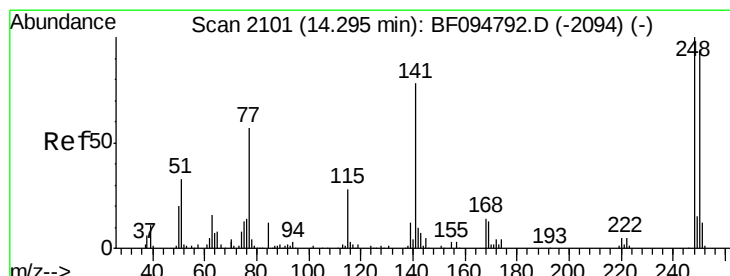
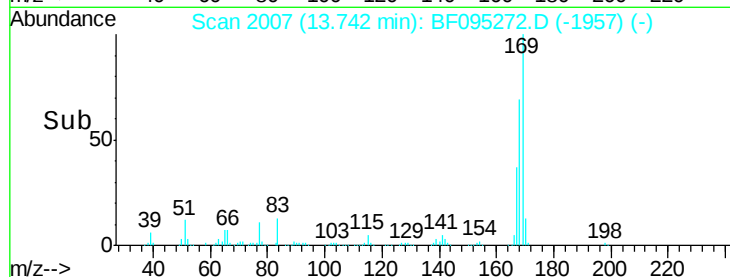
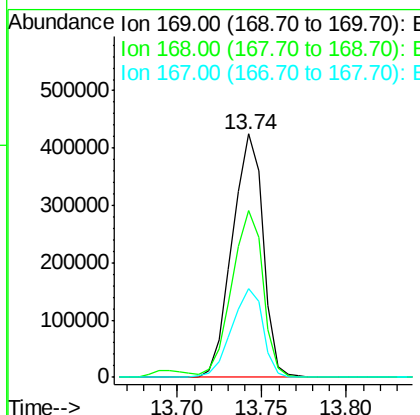
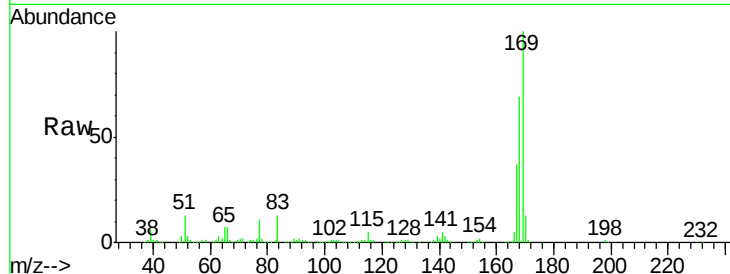
#65
 n-Nitrosodiphenylamine
 Concen: 45.96 ng
 RT: 13.74 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF095272.D
 Acq: 19 May 2017 20:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-T8-BASEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	537989		
168	68.7	53.2	79.8	
167	36.5	29.5	44.3	

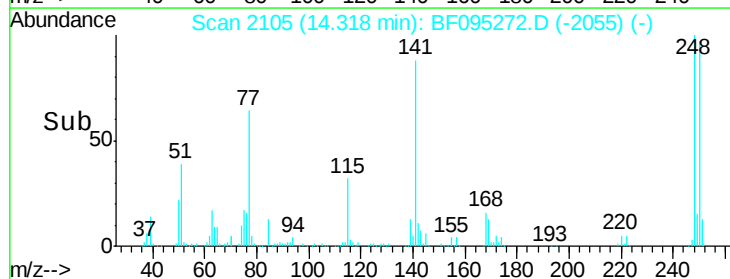
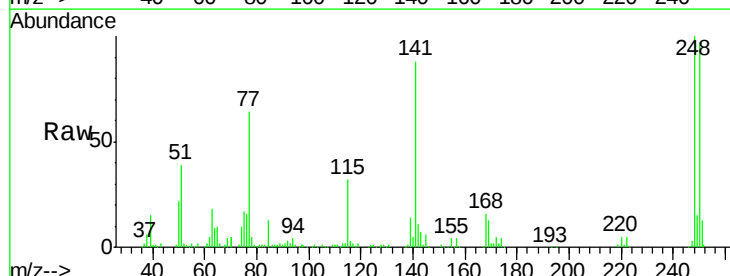
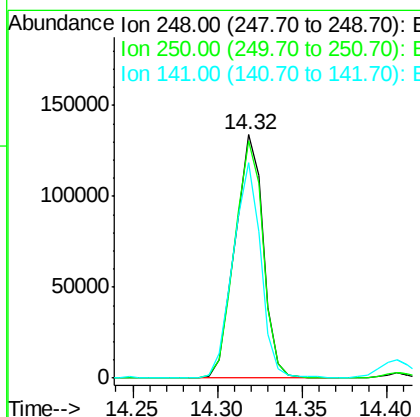
Manual Integrations
 APPROVED

mohammad
 5/22/2017 1:29:49 PM



#66
 4-Bromophenyl-phenylether
 Concen: 45.76 ng
 RT: 14.32 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BF095272.D
 Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	155945		
250	97.5	76.8	115.2	
141	88.5	68.6	103.0	





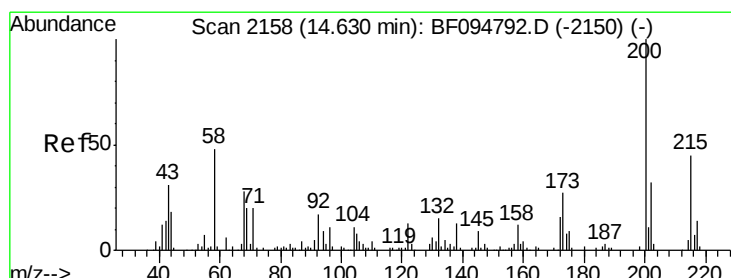
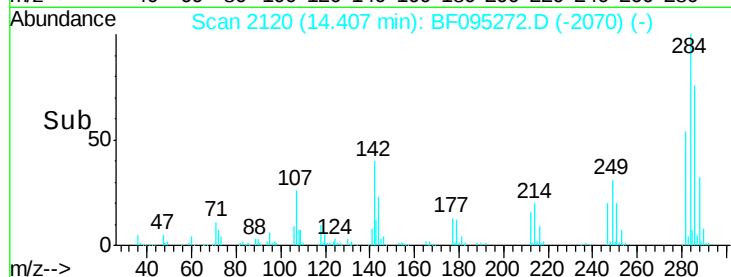
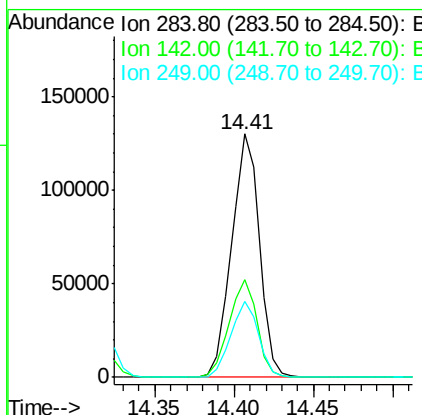
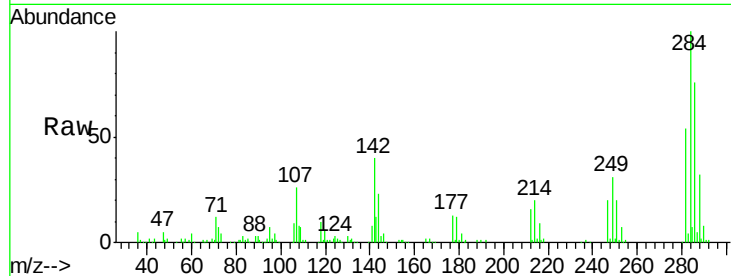
#67
Hexachlorobenzene
Concen: 45.09 ng
RT: 14.41 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Instrument :
BNA_F
ClientSampleId :
E2-T8-BAEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	157457		
142	40.4	22.8	34.2	#
249	31.1	24.0	36.0	

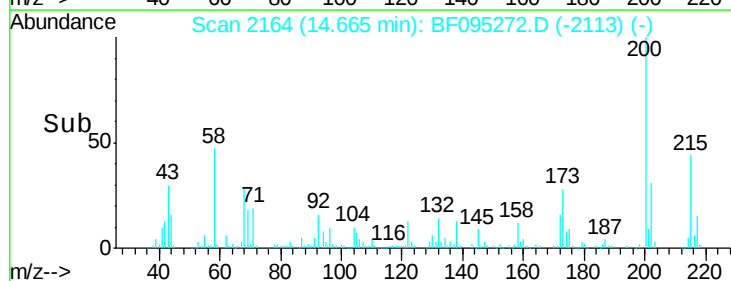
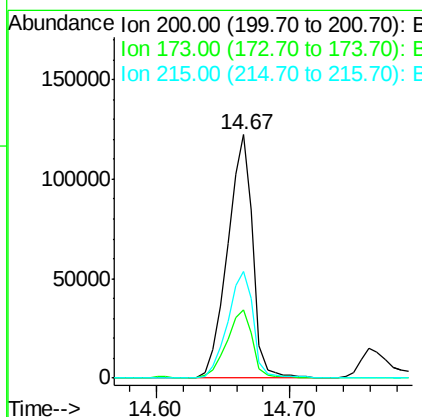
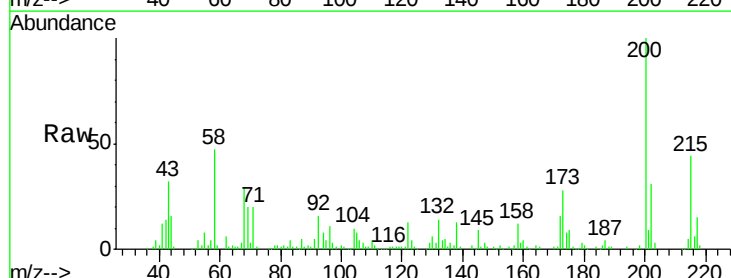
Manual Integrations
APPROVED

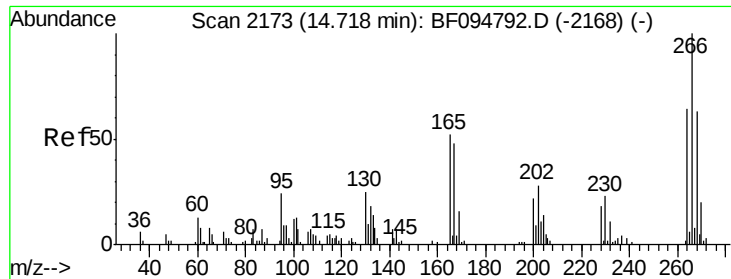
mohammad
5/22/2017 1:29:49 PM



#68
Atrazine
Concen: 49.06 ng
RT: 14.67 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	162161		
173	28.2	6.3	46.3	
215	43.9	27.2	67.2	





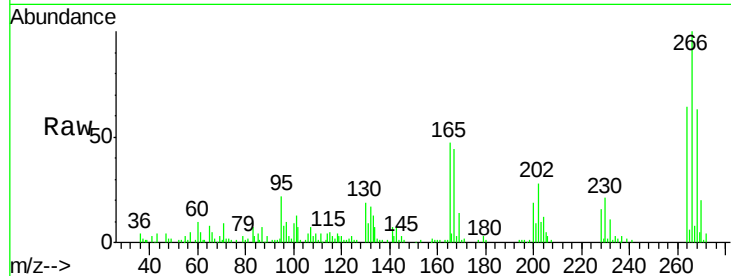
#69
 Pentachlorophenol
 Concen: 81.61 ng
 RT: 14.77 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BF095272.D
 Acq: 19 May 2017 20:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-T8-BAEMSD

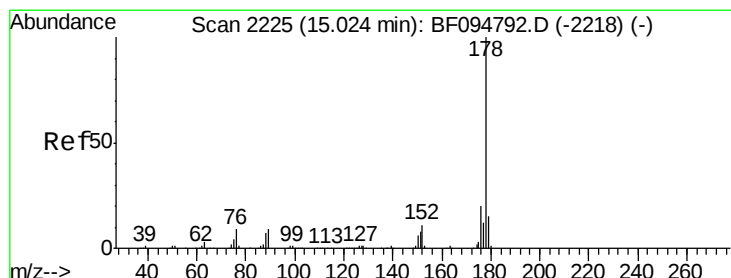
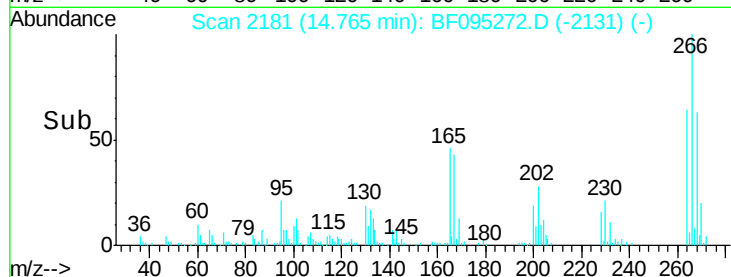
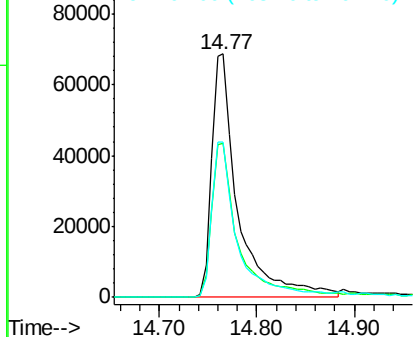
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	129065		
268	63.5	51.1	76.7	
264	63.7	51.7	77.5	

Manual Integrations
 APPROVED

mohammad
 5/22/2017 1:29:49 PM

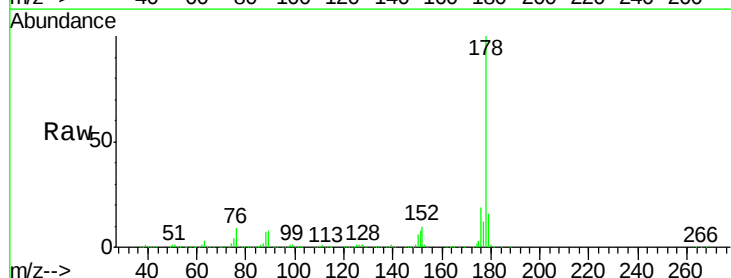


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

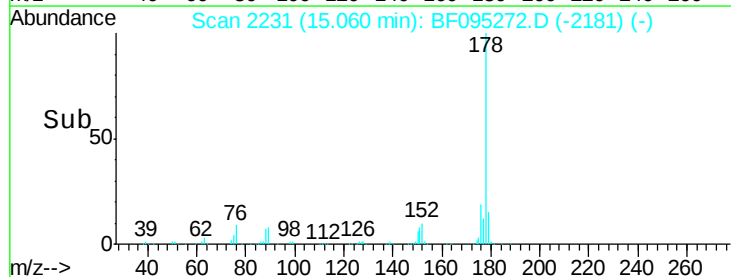
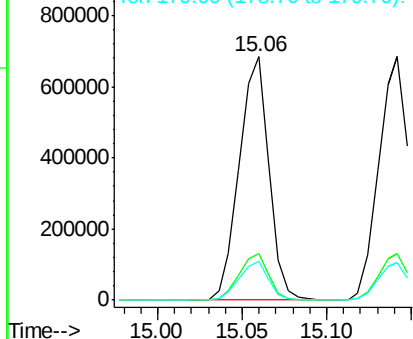


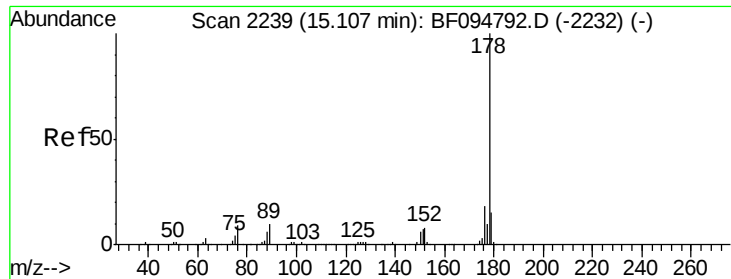
#70
 Phenanthrene
 Concen: 45.32 ng
 RT: 15.06 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BF095272.D
 Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	839808		
176	19.1	16.2	24.4	
179	15.7	12.6	19.0	



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





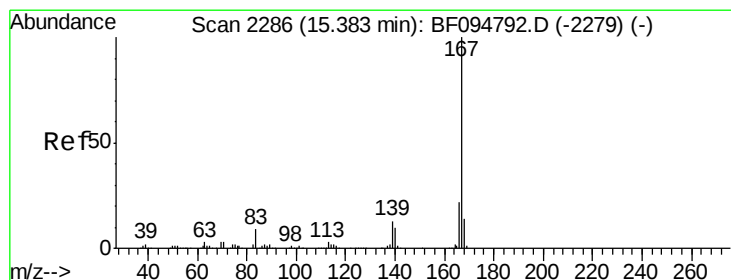
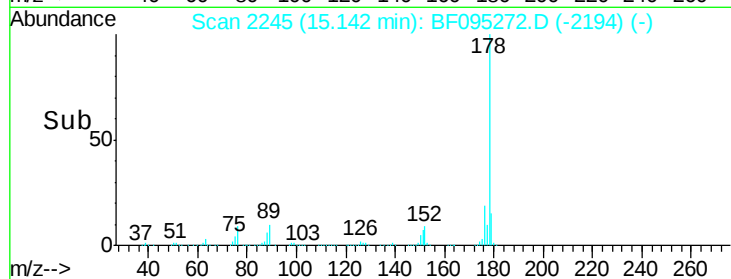
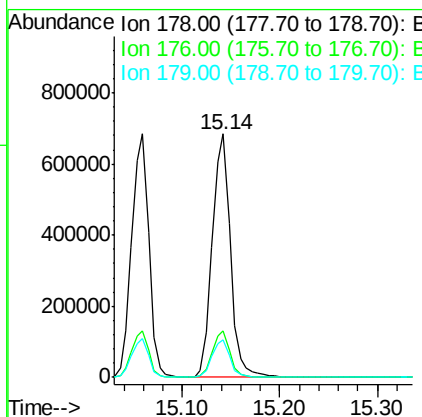
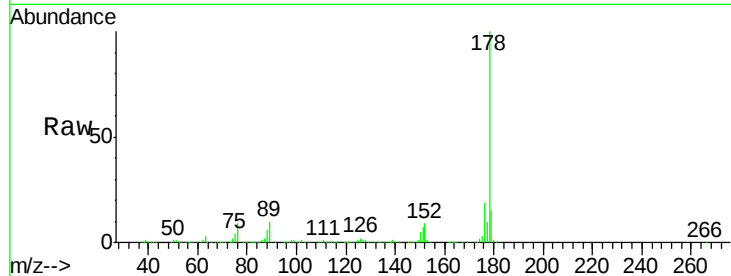
#71
 Anthracene
 Concen: 46.67 ng
 RT: 15.14 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BF095272.D
 Acq: 19 May 2017 20:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-T8-BASEMSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.4	12.7	19.1

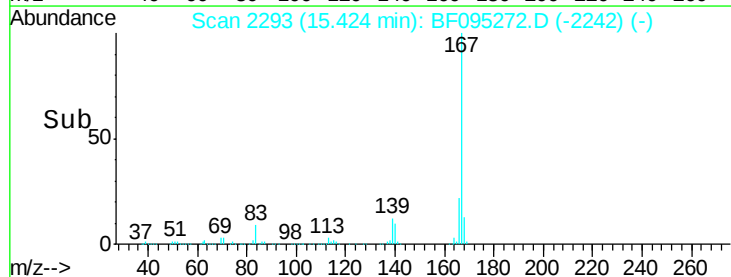
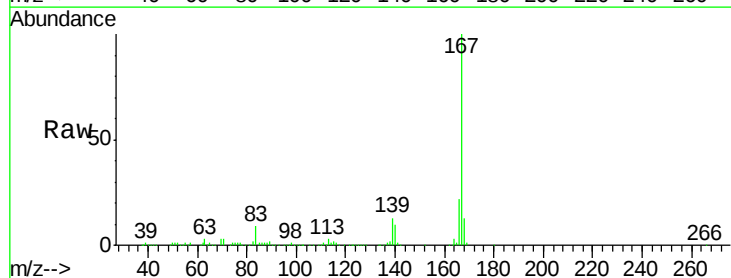
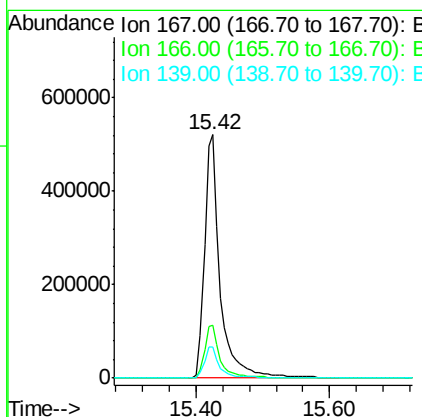
Manual Integrations
 APPROVED

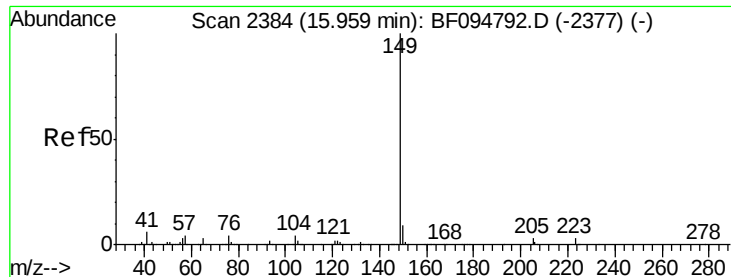
mohammad
 5/22/2017 1:29:49 PM



#72
 Carbazole
 Concen: 48.53 ng
 RT: 15.42 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BF095272.D
 Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.1	27.1
139	12.6	11.7	17.5





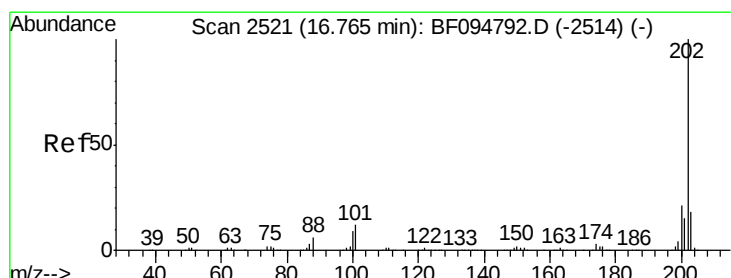
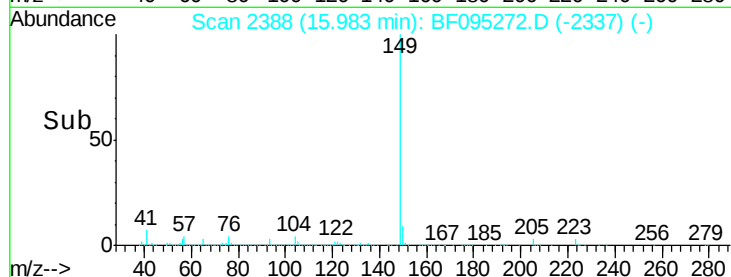
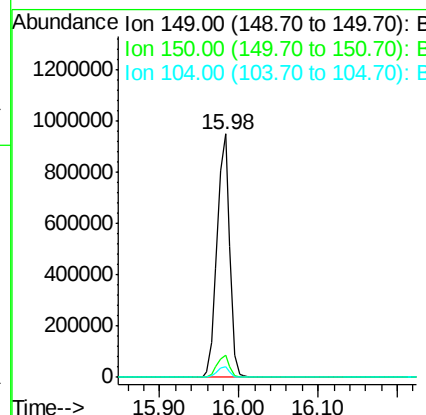
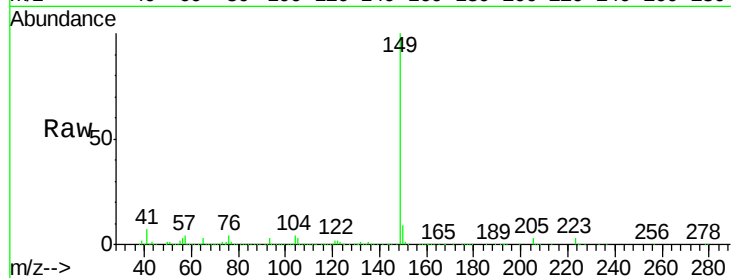
#73
Di-n-butylphthalate
Concen: 48.90 ng
RT: 15.98 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMSD

Tgt Ion:149 Resp: 1050320
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 4.4 4.0 6.0

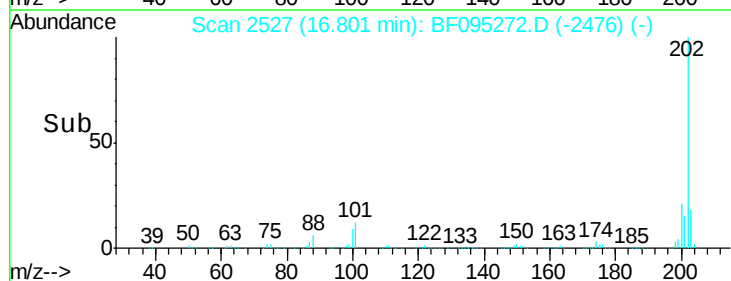
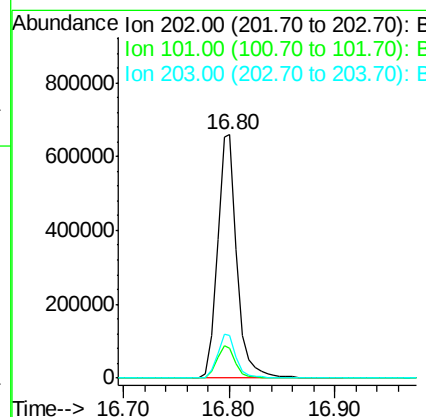
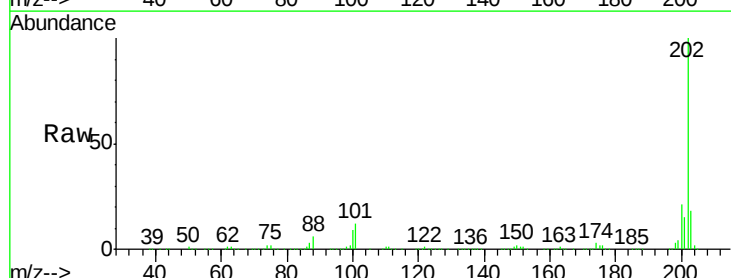
Manual Integrations
APPROVED

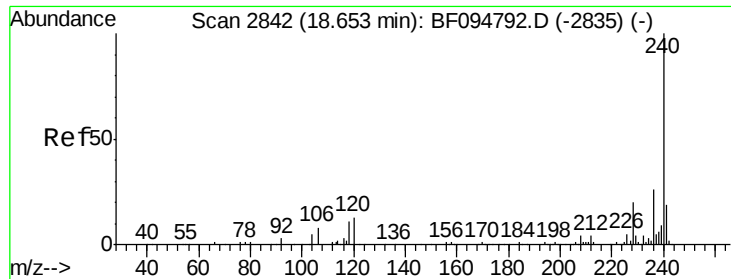
mohammad
5/22/2017 1:29:49 PM



#74
Fluoranthene
Concen: 44.88 ng
RT: 16.80 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Tgt Ion:202 Resp: 853122
Ion Ratio Lower Upper
202 100
101 12.5 0.0 33.2
203 17.7 0.0 38.1





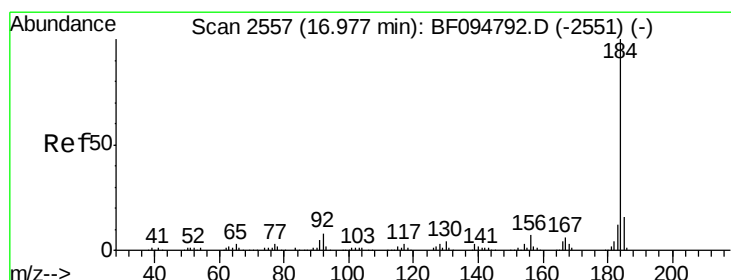
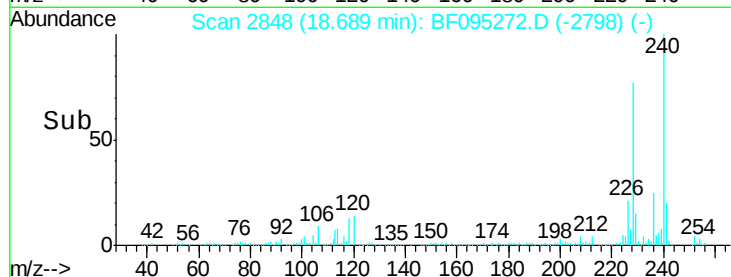
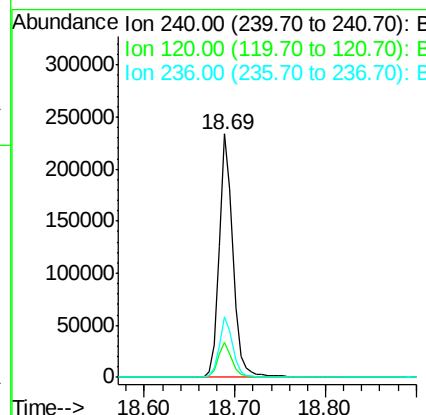
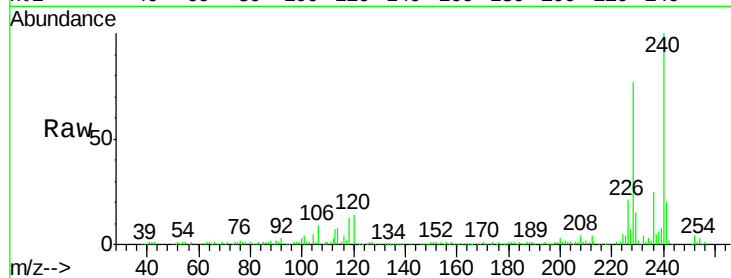
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMSD

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.8	8.8#
236	25.0	20.5	30.7

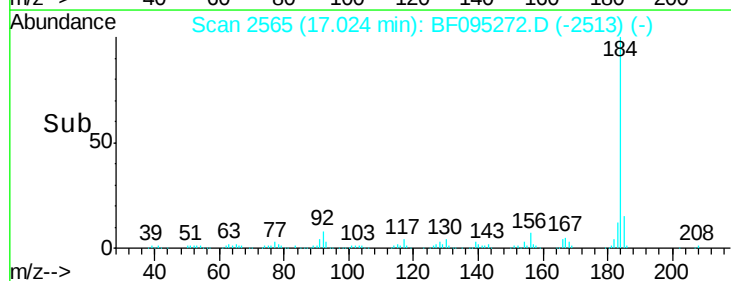
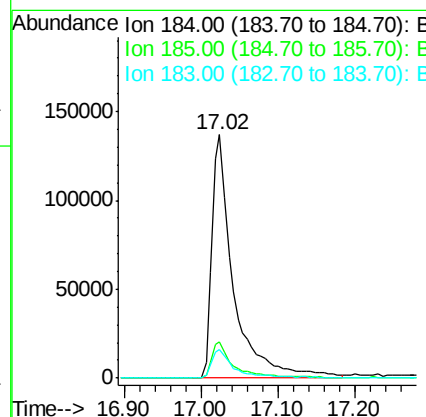
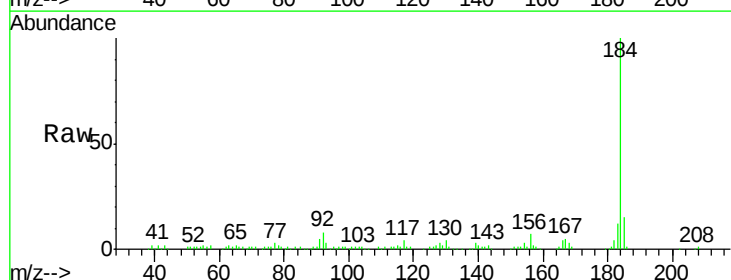
Manual Integrations
APPROVED

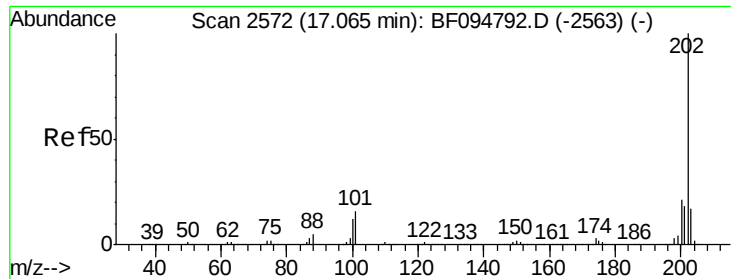
mohammad
5/22/2017 1:29:49 PM



#76
Benzidine
Concen: 41.06 ng
RT: 17.02 min Scan# 2565
Delta R.T. 0.01 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	15.5	23.3#
183	11.7	9.8	14.6





#77

Pyrene

Concen: 46.84 ng

RT: 17.10 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BF095272.D

Acq: 19 May 2017 20:02

Instrument :

BNA_F

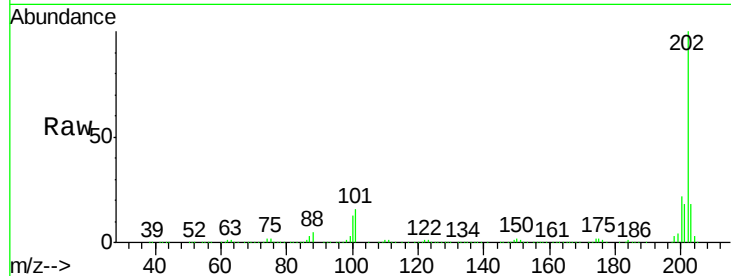
ClientSampleId :

E2-T8-BASEMSD

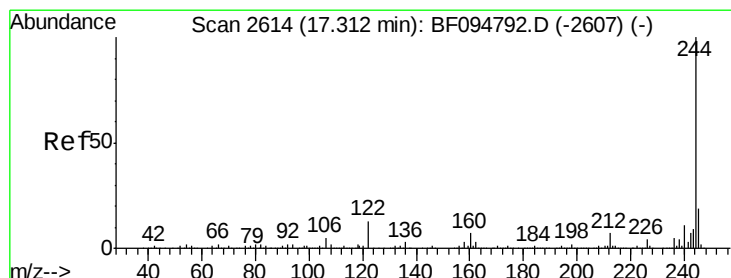
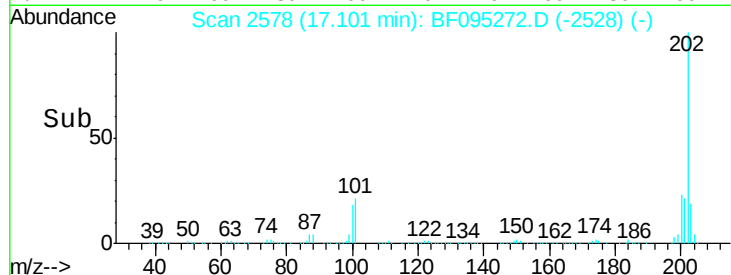
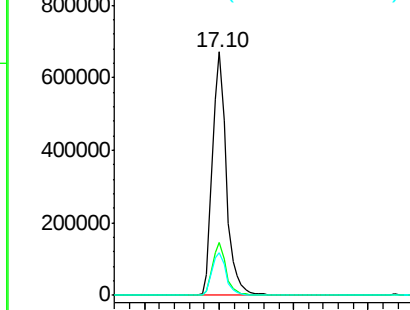
Tgt Ion:	202	Resp:	861902
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.6	26.4
203	17.7	14.4	21.6

Manual Integrations
APPROVED

mohammad
5/22/2017 1:29:49 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: 76.82 ng

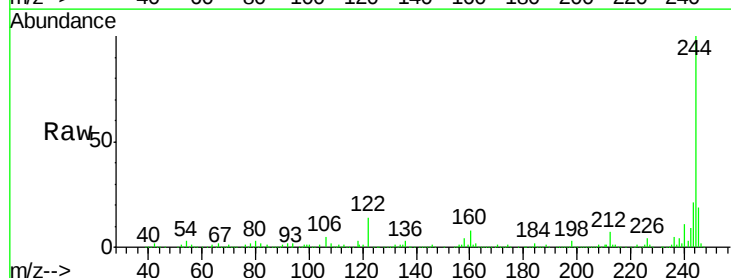
RT: 17.34 min Scan# 2618

Delta R.T. -0.01 min

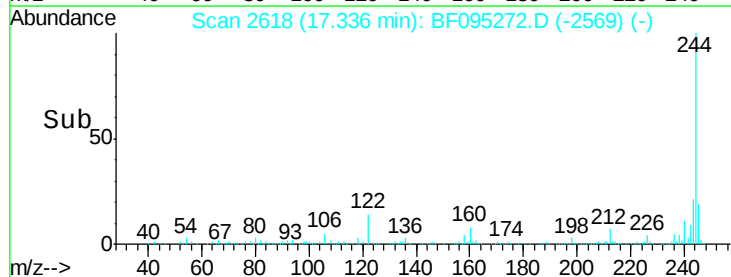
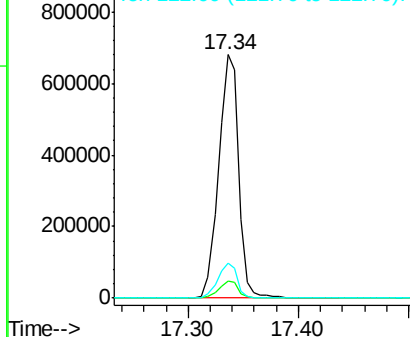
Lab File: BF095272.D

Acq: 19 May 2017 20:02

Tgt Ion:	244	Resp:	858211
Ion Ratio	Lower	Upper	
244	100		
212	7.1	6.0	9.0
122	14.5	10.3	15.5



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





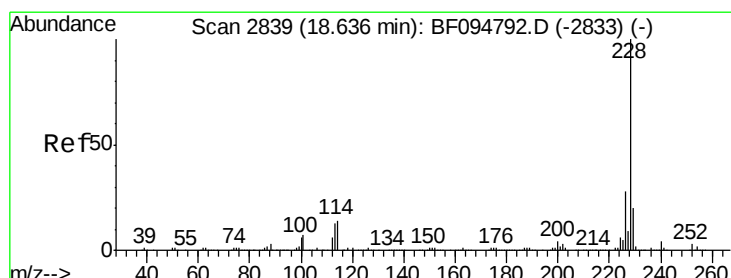
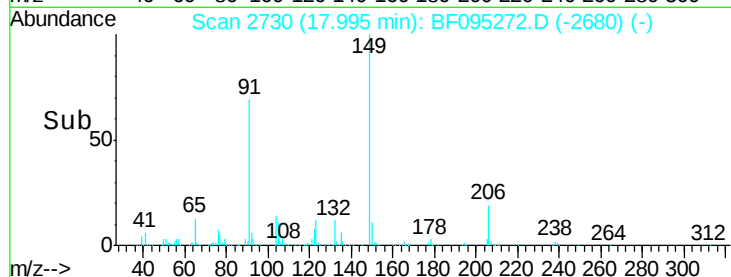
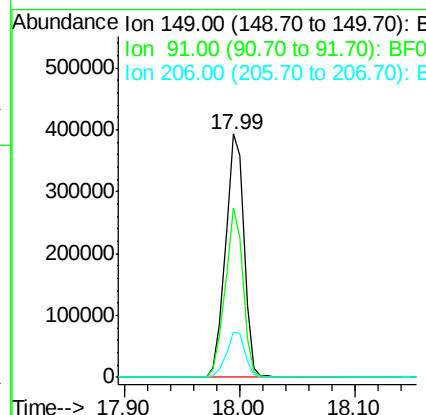
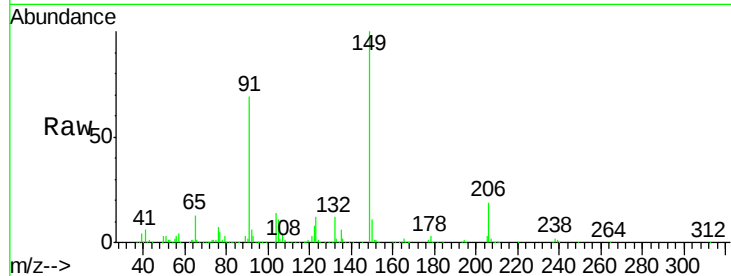
#79
Butylbenzylphthalate
Concen: 51.22 ng
RT: 17.99 min Scan# 2730
Delta R.T. -0.01 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	438446		
91	69.4	45.0	67.4#	
206	18.7	17.0	25.6	

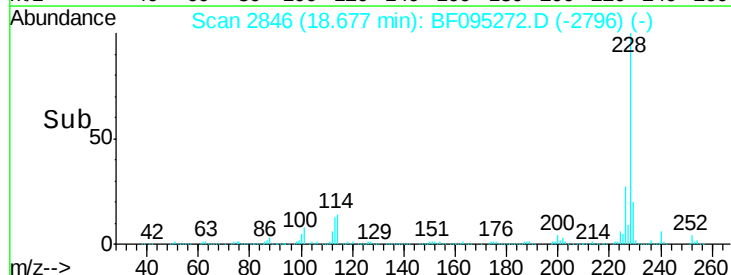
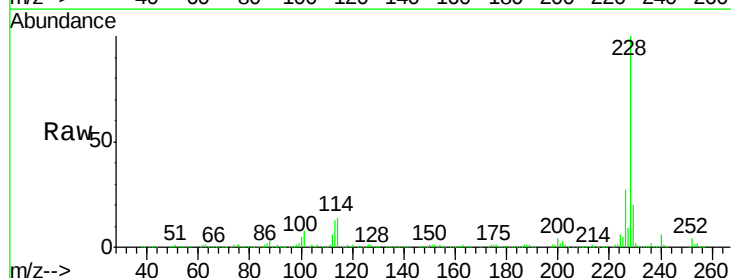
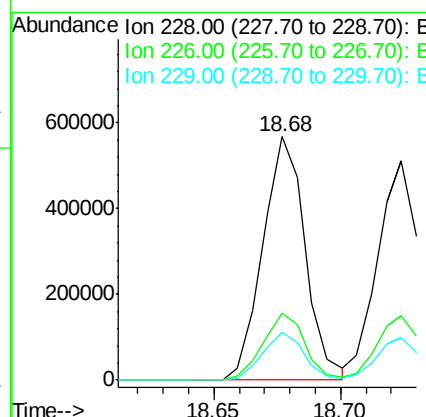
Manual Integrations
APPROVED

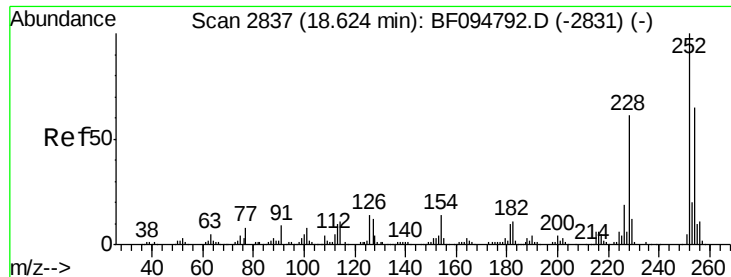
mohammad
5/22/2017 1:29:49 PM



#80
Benzo(a)anthracene
Concen: 46.44 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	665027		
226	27.5	22.6	33.8	
229	19.8	16.3	24.5	





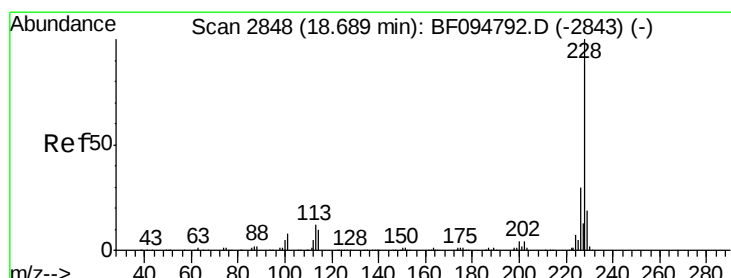
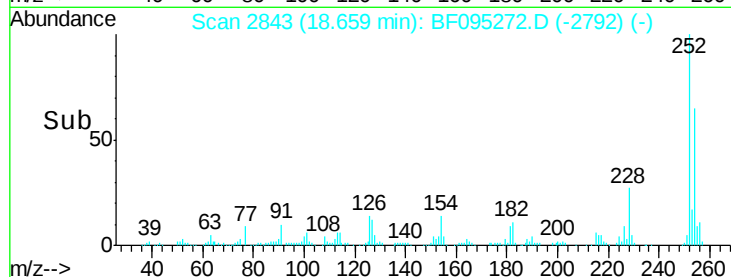
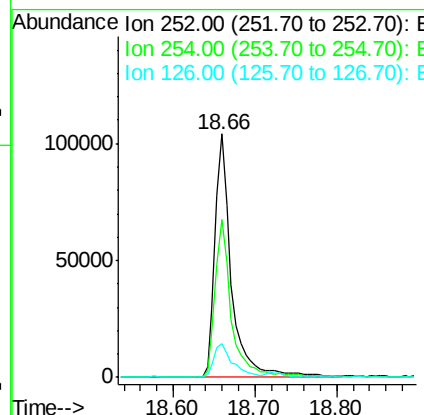
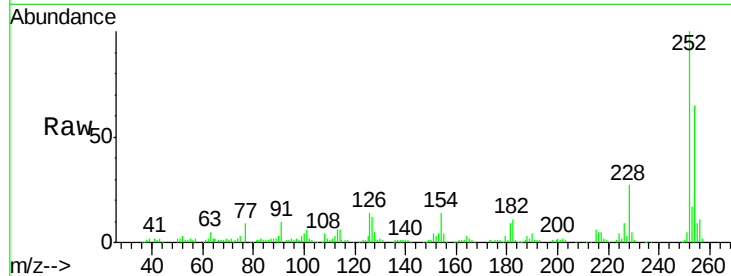
#81
 3,3'-Dichlorobenzidine
 Concen: 29.78 ng
 RT: 18.66 min Scan# 2843
 Delta R.T. 0.00 min
 Lab File: BF095272.D
 Acq: 19 May 2017 20:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-T8-BASEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	147264		
254	64.7	51.5	77.3	
126	13.7	15.8	23.8	

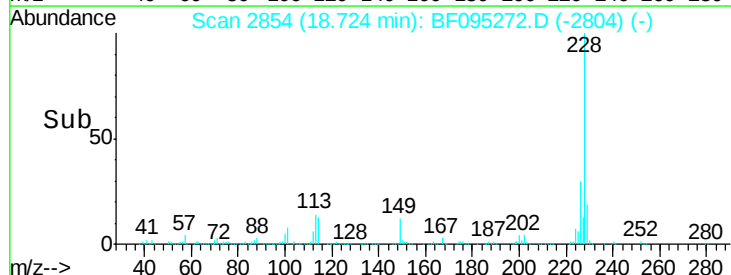
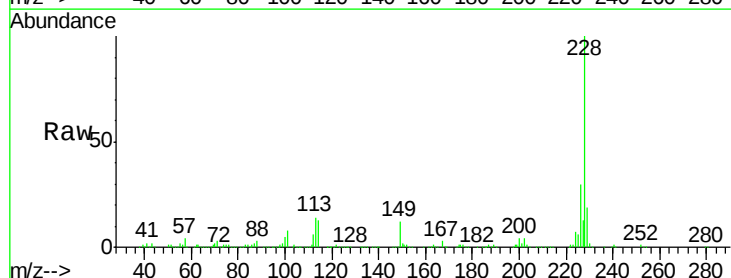
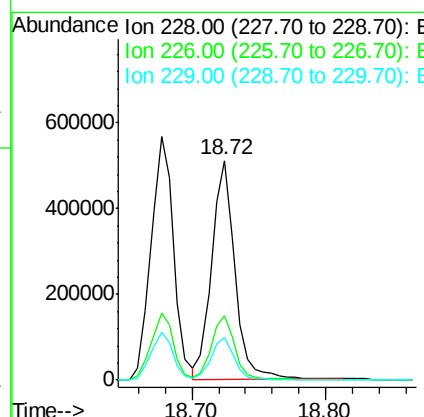
Manual Integrations
 APPROVED

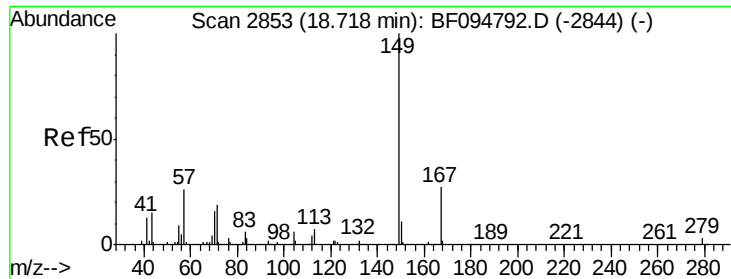
mohammad
 5/22/2017 1:29:49 PM



#82
 Chrysene
 Concen: 45.15 ng
 RT: 18.72 min Scan# 2854
 Delta R.T. -0.01 min
 Lab File: BF095272.D
 Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	625181		
226	29.5	24.9	37.3	
229	19.3	15.8	23.6	





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.64 ng

RT: 18.74 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BF095272.D

Acq: 19 May 2017 20:02

Instrument :

BNA_F

ClientSampleId :

E2-T8-BAEMSD

Tgt Ion:149 Resp: 617537
Ion Ratio Lower Upper

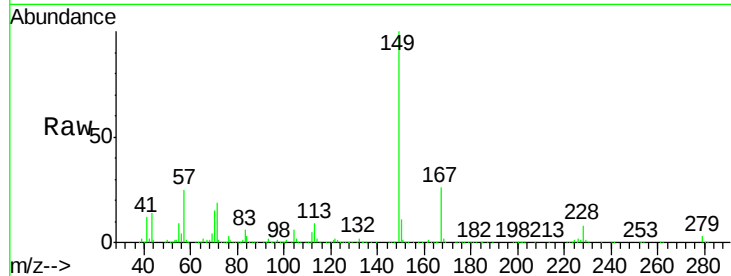
149 100

167 26.2 21.0 31.4

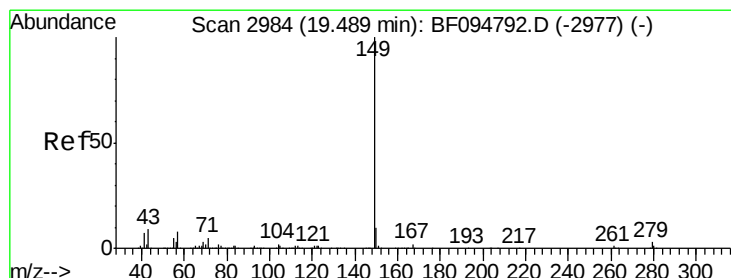
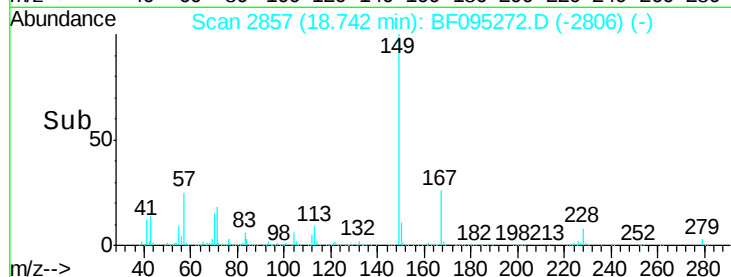
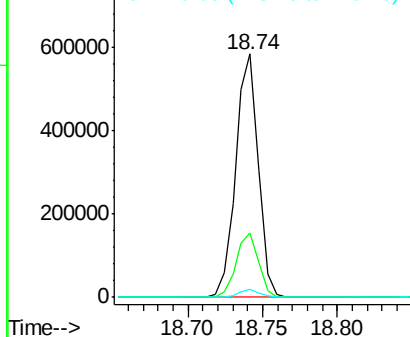
279 3.1 1.9 2.9#

Manual Integrations
APPROVED

mohammad
5/22/2017 1:29:49 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.74 ng

RT: 19.51 min Scan# 2987

Delta R.T. -0.01 min

Lab File: BF095272.D

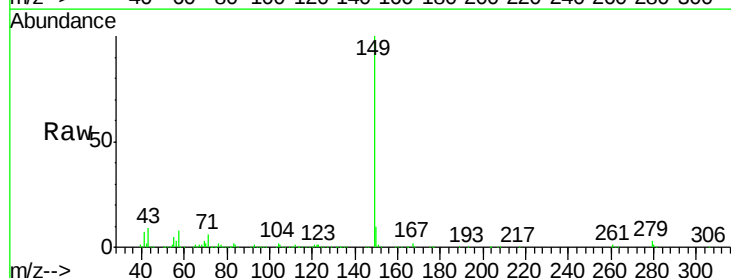
Acq: 19 May 2017 20:02

Tgt Ion:149 Resp: 994547
Ion Ratio Lower Upper

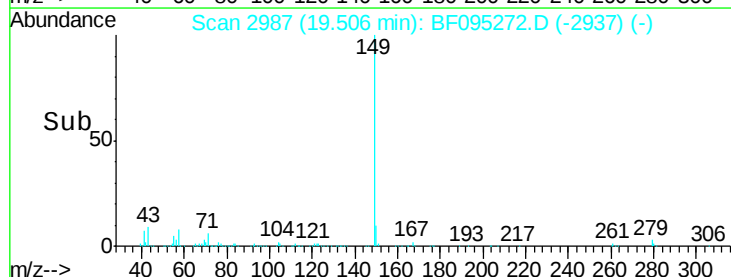
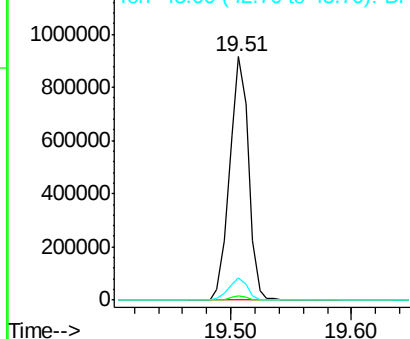
149 100

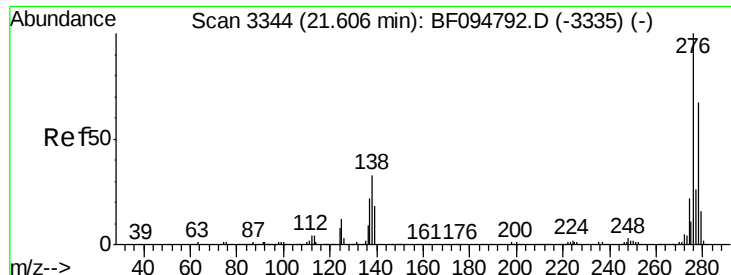
167 1.6 1.2 1.8

43 8.9 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





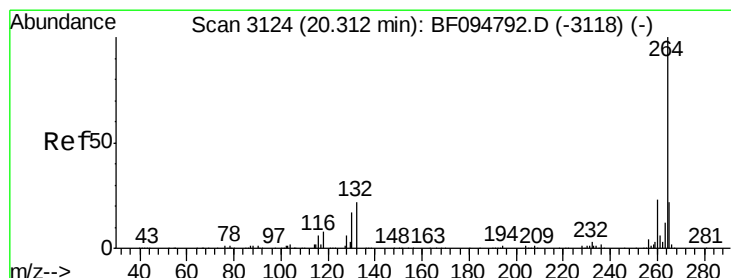
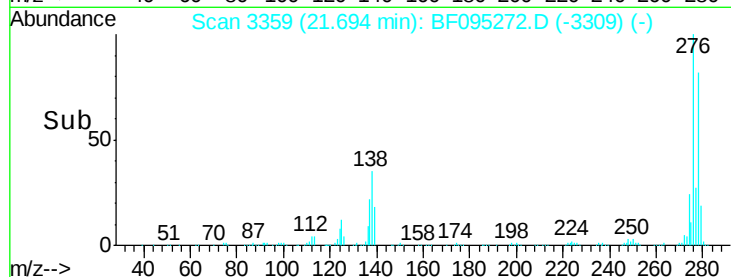
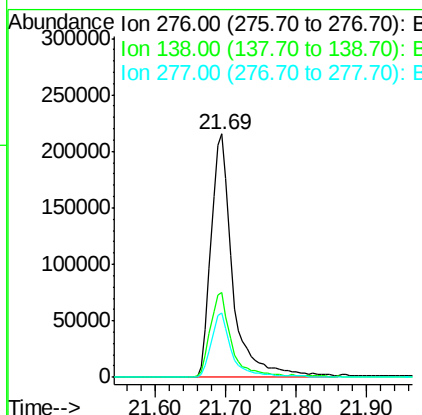
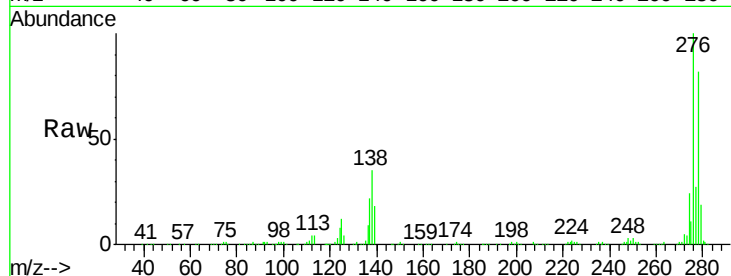
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.25 ng
 RT: 21.69 min Scan# 3359
 Delta R.T. -0.01 min
 Lab File: BF095272.D
 Acq: 19 May 2017 20:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-T8-BASEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	463851		
138	33.9	27.8	41.6	
277	25.4	20.2	30.4	

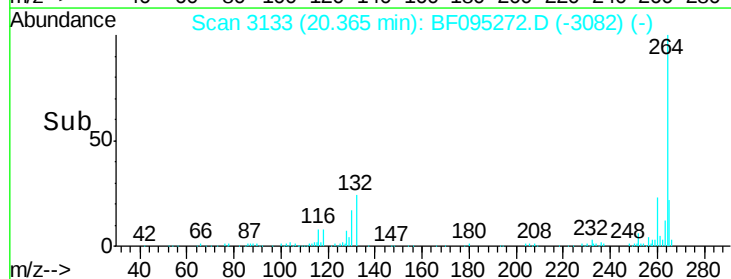
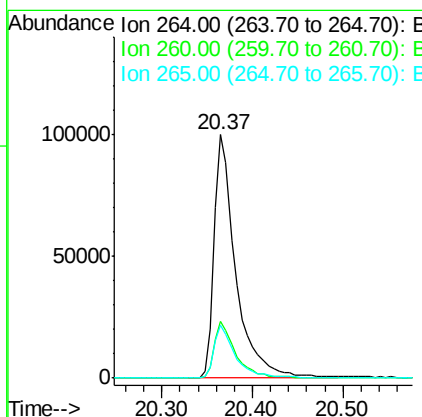
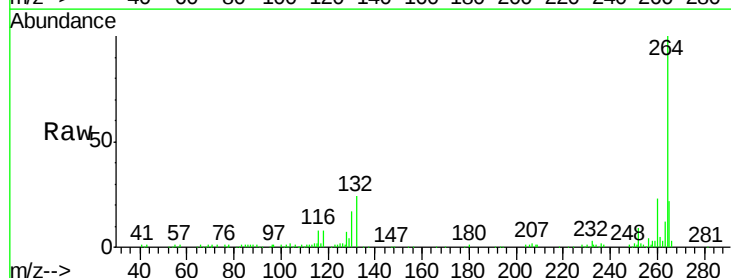
Manual Integrations
 APPROVED

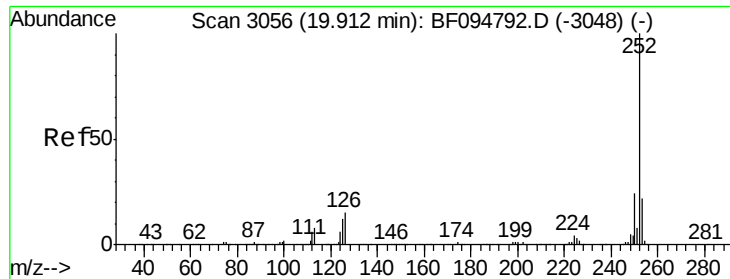
mohammad
 5/22/2017 1:29:49 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095272.D
 Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	166338		
260	23.3	19.5	29.3	
265	21.8	17.2	25.8	





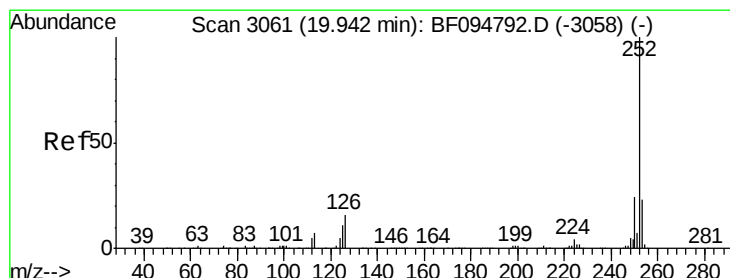
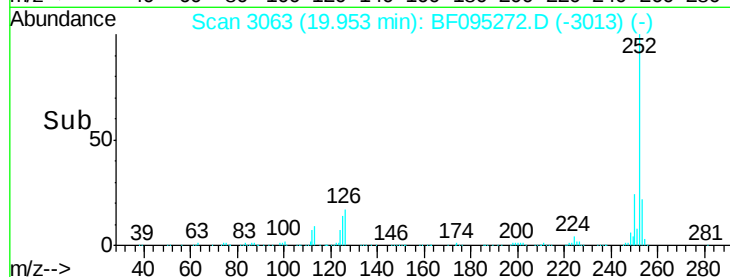
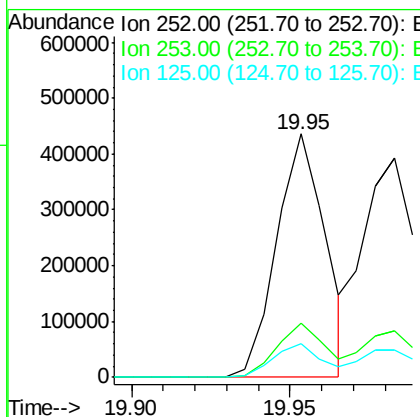
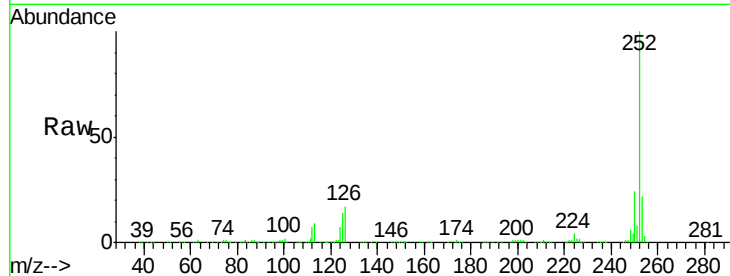
#87
Benzo(b)fluoranthene
Concen: 45.40 ng
RT: 19.95 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	13.7	9.8	14.8

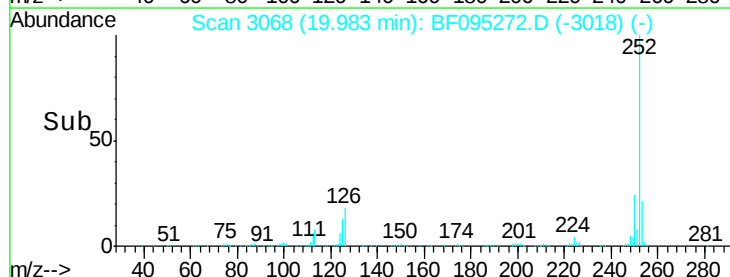
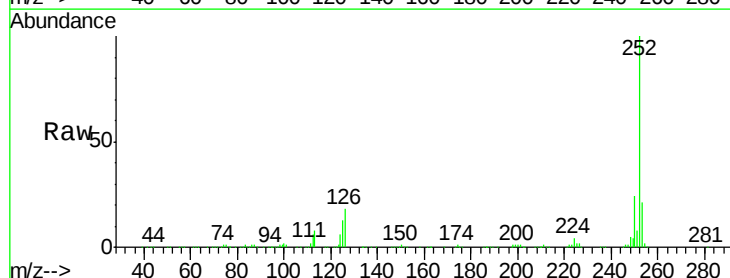
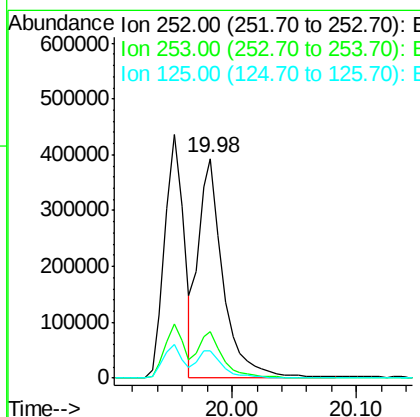
Manual Integrations
APPROVED

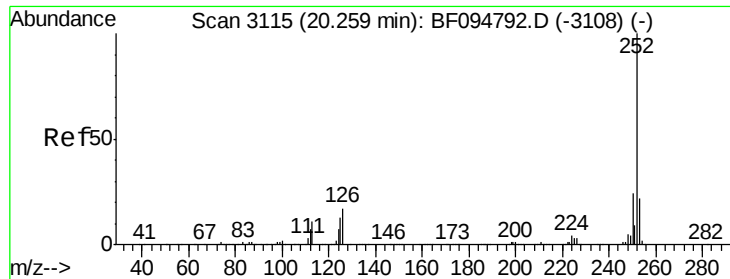
mohammad
5/22/2017 1:29:49 PM



#88
Benzo(k)fluoranthene
Concen: 55.66 ng m
RT: 19.98 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BF095272.D
Acq: 19 May 2017 20:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.4	27.6
125	12.7	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 48.05 ng

RT: 20.31 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BF095272.D

Acq: 19 May 2017 20:02

Instrument :

BNA_F

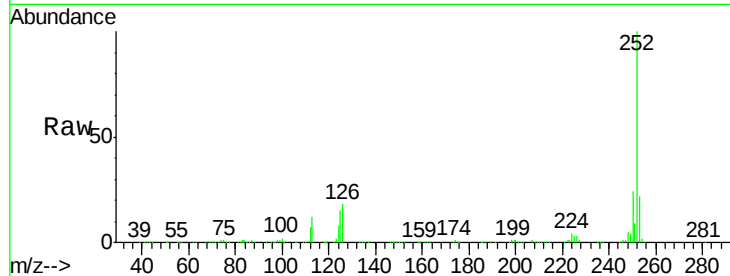
ClientSampleId :

E2-T8-BAEMSD

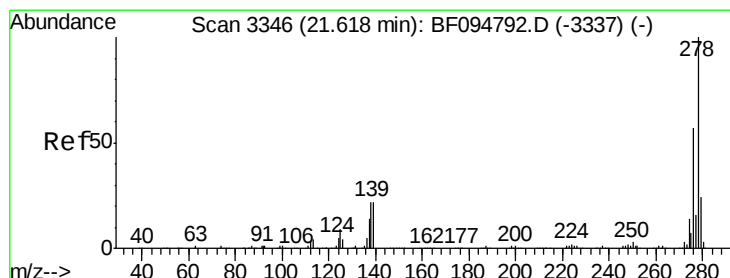
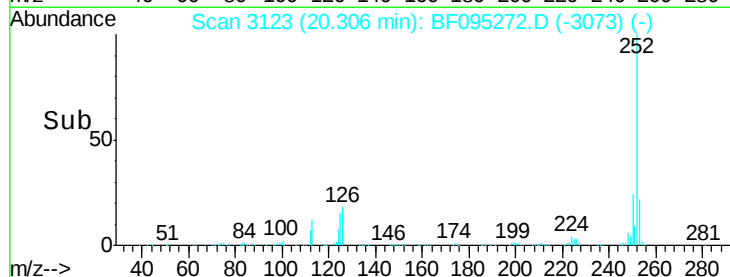
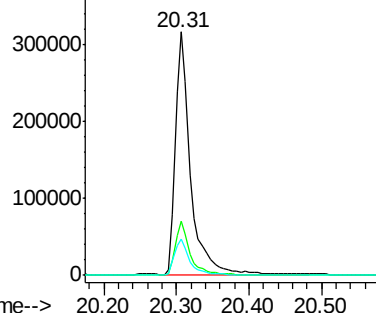
Tgt Ion:	252	Resp:	455716
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	15.0	11.0	16.4

Manual Integrations
APPROVED

mohammad
5/22/2017 1:29:49 PM



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



#90

Dibenzo(a,h)anthracene

Concen: 48.36 ng

RT: 21.69 min Scan# 3359

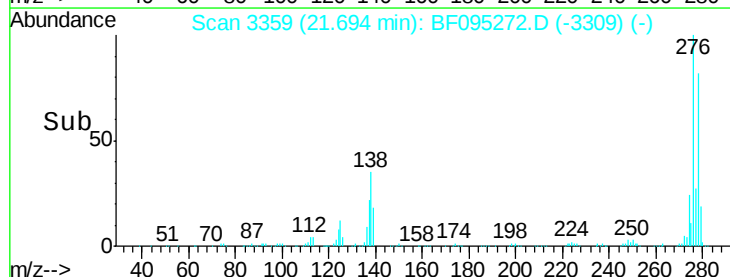
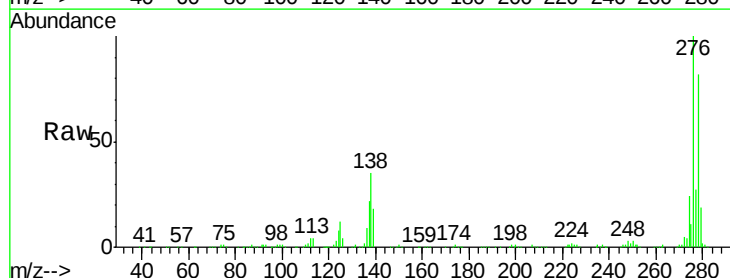
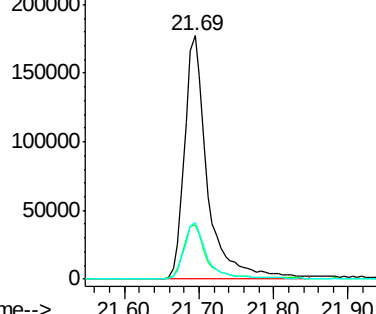
Delta R.T. -0.01 min

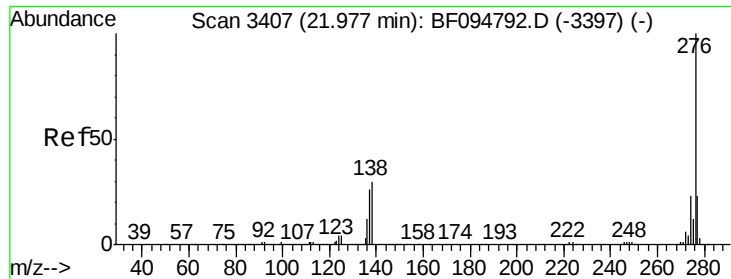
Lab File: BF095272.D

Acq: 19 May 2017 20:02

Tgt Ion:	278	Resp:	378834
Ion Ratio	Lower	Upper	
278	100		
139	22.3	16.6	24.8
279	23.5	19.3	28.9

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 53.36 ng
 RT: 22.08 min Scan# 3424
 Delta R.T. -0.01 min
 Lab File: BF095272.D
 Acq: 19 May 2017 20:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-T8-BAEMSD

Tgt Ion:	276	Resp:	410165
Ion Ratio		Lower	Upper
276	100		
277	23.2	18.6	28.0
138	30.3	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 5/22/2017 1:29:49 PM

