

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
 Data File : BF077549.D
 Acq On : 3 Mar 2015 16:54
 Operator : TP/IZ
 Sample : G1401-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01-2-27-15MSD

Manual Integrations
 APPROVED

mohammad
 3/4/2015 4:41:50 PM

Quant Time: Mar 04 01:53:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 03 23:57:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	49949	20.00	ng	0.00
21) Naphthalene-d8	8.82	136	194534	20.00	ng	0.00
38) Acenaphthene-d10	10.99	164	103076	20.00	ng	0.00
63) Phenanthrene-d10	12.83	188	197361	20.00	ng	0.00
75) Chrysene-d12	16.15	240	231988	20.00	ng	0.00
86) Perylene-d12	17.99	264	210731	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	217550	72.71	ng	0.00
7) Phenol-d6	6.80	99	169380	44.03	ng	0.00
23) Nitrobenzene-d5	7.93	82	354663	113.37	ng	0.00
41) 2,4,6-Tribromophenol	11.97	330	167850	169.12	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	781280	118.19	ng	0.00
78) Terphenyl-d14	14.83	244	834014	84.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	29420	23.17	ng	97
3) Pyridine	2.94	79	80781	22.24	ng	94
4) n-Nitrosodimethylamine	2.83	42	39053	24.73	ng	# 88
6) Aniline	6.83	93	113246	21.30	ng	97
8) 2-Chlorophenol	6.97	128	142793	40.46	ng	94
9) Benzaldehyde	6.68	77	34646	14.83	ng	92
10) Phenol	6.81	94	70710	15.49	ng	# 29
11) bis(2-Chloroethyl)ether	6.93	93	171669	52.34	ng	88
12) 1,3-Dichlorobenzene	7.16	146	180171	46.88	ng	# 93
13) 1,4-Dichlorobenzene	7.26	146	177061	45.29	ng	96
14) 1,2-Dichlorobenzene	7.44	146	172122	46.28	ng	96
15) Benzyl Alcohol	7.42	79	85355	29.19	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.60	45	205662	43.86	ng	96
17) 2-Methylphenol	7.57	107	83610	30.31	ng	95
18) Hexachloroethane	7.86	117	61964	47.45	ng	# 88
19) n-Nitroso-di-n-propylamine	7.75	70	120331	49.26	ng	95
20) 3+4-Methylphenols	7.76	107	95471	26.28	ng	# 81
22) Acetophenone	7.74	105	249557	54.54	ng	# 88
24) Nitrobenzene	7.95	77	171077	51.98	ng	# 83
25) Isophorone	8.25	82	312850	50.41	ng	# 91
26) 2-Nitrophenol	8.35	139	85018	63.02	ng	# 86
27) 2,4-Dimethylphenol	8.41	122	127800	42.34	ng	97
28) bis(2-Chloroethoxy)methane	8.53	93	199022	50.76	ng	99
29) 2,4-Dichlorophenol	8.64	162	135763	47.92	ng	98
30) 1,2,4-Trichlorobenzene	8.75	180	154068	49.46	ng	98
31) Naphthalene	8.84	128	514459	52.88	ng	100
32) Benzoic acid	8.48	122	23650	16.13	ng	89
33) 4-Chloroaniline	8.92	127	78112	18.06	ng	# 89
34) Hexachlorobutadiene	9.00	225	82463	46.37	ng	99
35) Caprolactam	9.35	113	6472	7.48	ng	90
36) 4-Chloro-3-methylphenol	9.52	107	125836	44.18	ng	89
37) 2-Methylnaphthalene	9.70	142	340293	49.26	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.91	216	147904	50.01	ng	98
40) Hexachlorocyclopentadiene	9.89	237	152896	96.41	ng	96

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
 Data File : BF077549.D
 Acq On : 3 Mar 2015 16:54
 Operator : TP/IZ
 Sample : G1401-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01-2-27-15MSD

Manual Integrations
 APPROVED

mohammad
 3/4/2015 4:41:50 PM

Quant Time: Mar 04 01:53:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 03 23:57:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.05	196	106261	54.25	ng	99
43) 2,4,5-Trichlorophenol	10.10	196	110625	52.82	ng	95
45) 1,1'-Biphenyl	10.28	154	389670	49.90	ng	97
46) 2-Chloronaphthalene	10.30	162	329874	53.86	ng	98
47) 2-Nitroaniline	10.43	65	90478	60.02	ng	99
48) Acenaphthylene	10.82	152	534832	55.16	ng	100
49) Dimethylphthalate	10.67	163	402760	55.59	ng	99
50) 2,6-Dinitrotoluene	10.75	165	86441	59.49	ng	95
51) Acenaphthene	11.03	154	314826	54.41	ng	98
52) 3-Nitroaniline	10.94	138	44323	26.46	ng	90
53) 2,4-Dinitrophenol	11.08	184	71908	162.64	ng	# 78
54) Dibenzofuran	11.25	168	474312	53.10	ng	96
55) 4-Nitrophenol	11.16	139	51974	38.57	ng	81
56) 2,4-Dinitrotoluene	11.24	165	116390	59.28	ng	# 84
57) Fluorene	11.67	166	402456	56.35	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.40	232	97127m	57.68	ng	
59) Diethylphthalate	11.55	149	359340	50.31	ng	99
60) 4-Chlorophenyl-phenylether	11.68	204	164867	47.91	ng	# 84
61) 4-Nitroaniline	11.70	138	82518	51.39	ng	98
62) Azobenzene	11.88	77	357983	52.82	ng	89
64) 4,6-Dinitro-2-methylphenol	11.74	198	49930	62.21	ng	85
65) n-Nitrosodiphenylamine	11.83	169	330649	50.49	ng	100
66) 4-Bromophenyl-phenylether	12.29	248	105082	45.47	ng	# 84
67) Hexachlorobenzene	12.35	284	117623	47.42	ng	# 80
68) Atrazine	12.51	200	97651	45.87	ng	98
69) Pentachlorophenol	12.60	266	143347	109.95	ng	98
70) Phenanthrene	12.86	178	583250	50.99	ng	99
71) Anthracene	12.93	178	573723	50.54	ng	99
72) Carbazole	13.13	167	549392	50.90	ng	99
73) Di-n-butylphthalate	13.59	149	610932	48.20	ng	99
74) Fluoranthene	14.34	202	722570	57.83	ng	98
77) Pyrene	14.62	202	753328	53.09	ng	99
79) Butylbenzylphthalate	15.46	149	303340	51.96	ng	97
80) Benzo(a)anthracene	16.14	228	692305	50.92	ng	100
81) 3,3'-Dichlorobenzidine	16.12	252	23572	4.73	ng	# 98
82) Chrysene	16.18	228	656092	51.39	ng	99
83) Bis(2-ethylhexyl)phthalate	16.20	149	380416	40.63	ng	# 96
84) Di-n-octyl phthalate	17.05	149	609420	38.99	ng	97
85) Indeno(1,2,3-cd)pyrene	19.46	276	694784m	47.73	ng	
87) Benzo(b)fluoranthene	17.52	252	599280	48.90	ng	# 98
88) Benzo(k)fluoranthene	17.55	252	606313m	50.49	ng	
89) Benzo(a)pyrene	17.92	252	589671	50.52	ng	98
90) Dibenzo(a,h)anthracene	19.49	278	568507	51.08	ng	98
91) Benzo(g,h,i)perylene	19.89	276	584424	52.02	ng	99

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

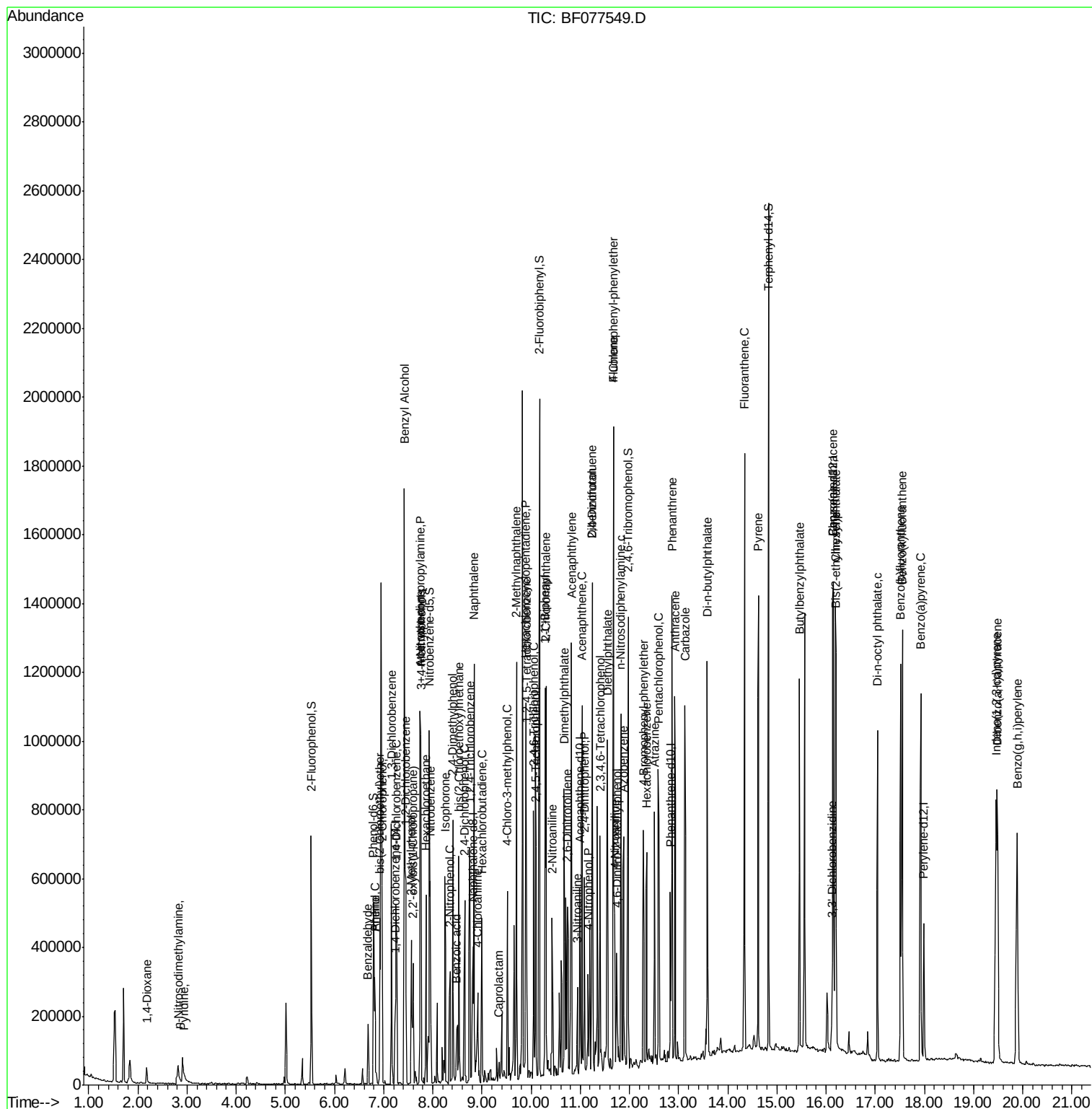
```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
Data File : BF077549.D
Acq On    : 3 Mar 2015 16:54
Operator  : TP/IZ
Sample    : G1401-03MSD
Misc      :
ALS Vial  : 9 Sample Multiplier: 1
```

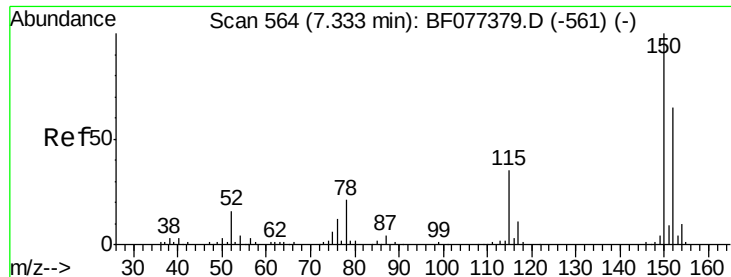
Instrument :
BNA_F
ClientSampleId :
MW-01-2-27-15MSD

Manual Integrations APPROVED

mohammad
3/4/2015 4:41:50 PM

Quant Time: Mar 04 01:53:21 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 03 23:57:38 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.24 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF077549.D

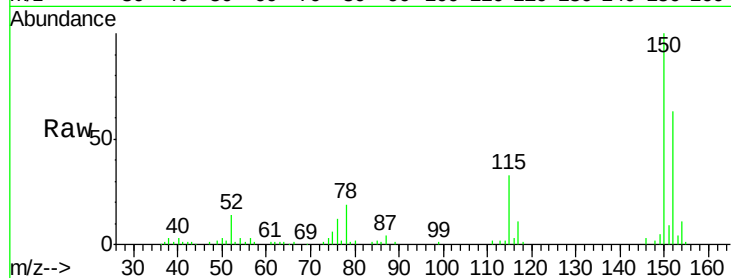
Acq: 3 Mar 2015 16:54

Instrument :

BNA_F

ClientSampleId :

MW-01-2-27-15MSD



Tgt Ion:152 Resp: 49949

Ion Ratio Lower Upper

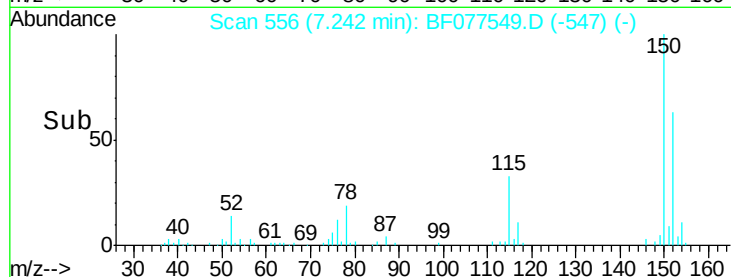
152 100

150 159.2 124.0 186.0

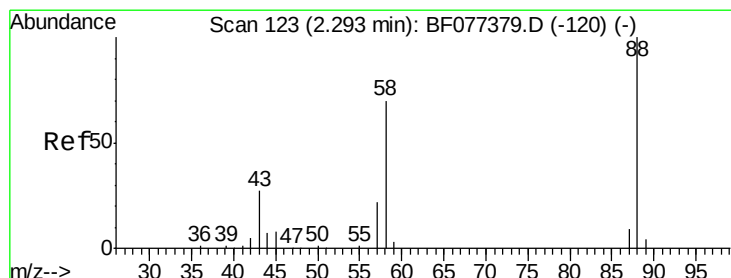
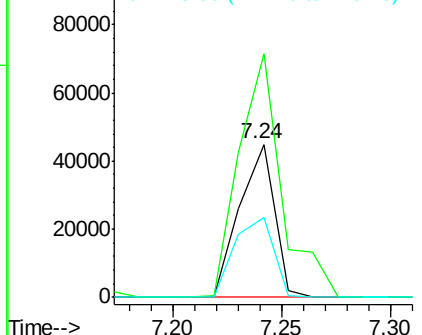
115 52.3 49.4 74.2

Manual Integrations
APPROVED

mohammad
3/4/2015 4:41:50 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 23.17 ng

RT: 2.18 min Scan# 113

Delta R.T. 0.02 min

Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

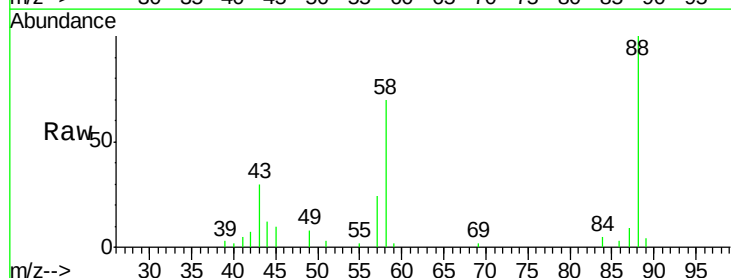
Tgt Ion: 88 Resp: 29420

Ion Ratio Lower Upper

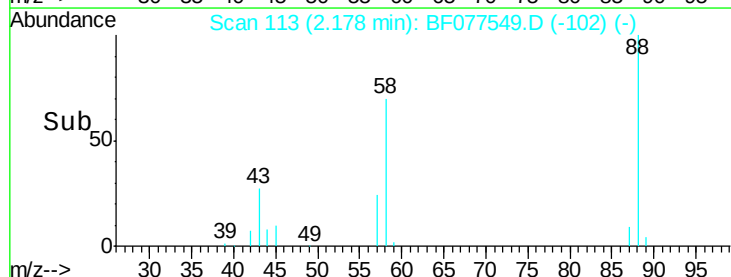
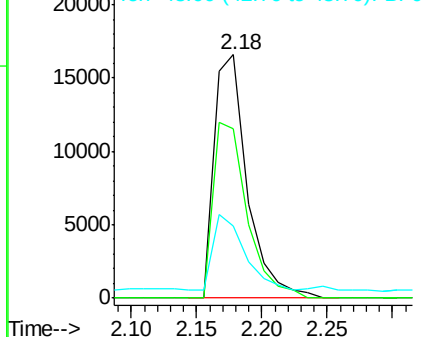
88 100

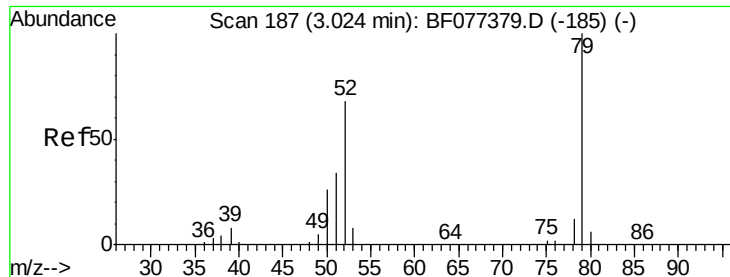
58 74.0 62.1 93.1

43 30.2 24.0 36.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 22.24 ng

RT: 2.94 min Scan# 180

Delta R.T. 0.06 min

Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

Instrument :

BNA_F

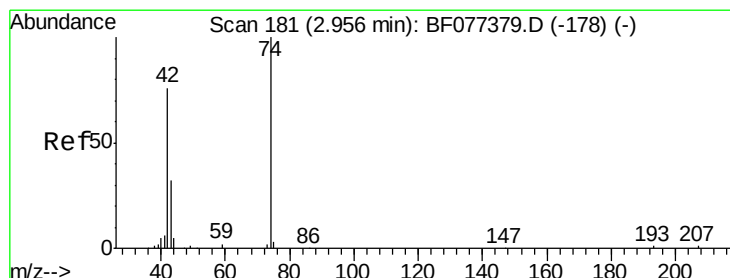
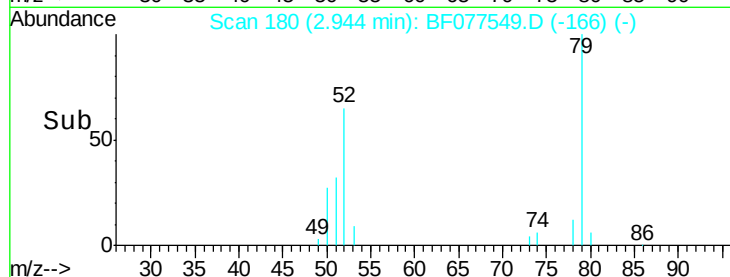
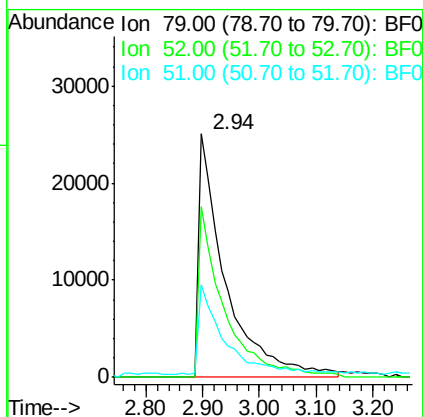
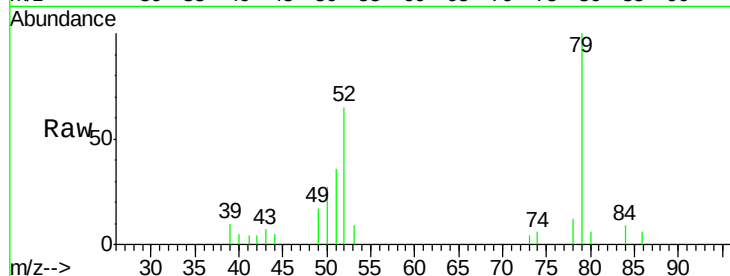
ClientSampleId :

MW-01-2-27-15MSD

Tgt Ion:	79	Resp:	80781
Ion Ratio	Lower	Upper	
79	100		
52	65.2	57.7	86.5
51	36.1	28.5	42.7

Manual Integrations
APPROVED

mohammad
3/4/2015 4:41:50 PM



#4

n-Nitrosodimethylamine

Concen: 24.73 ng

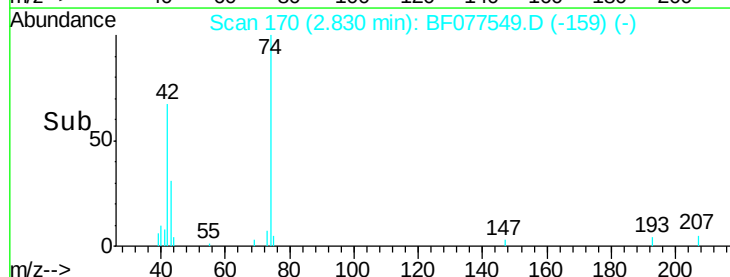
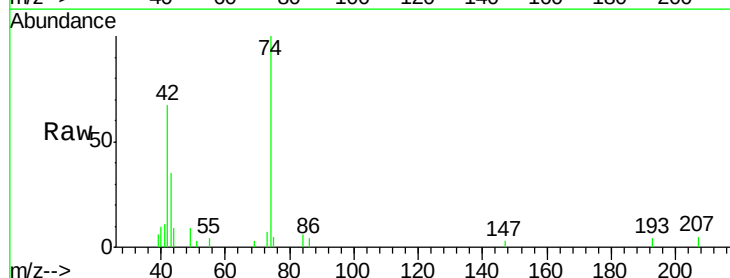
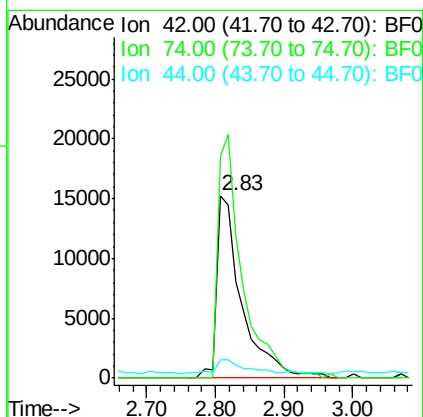
RT: 2.83 min Scan# 170

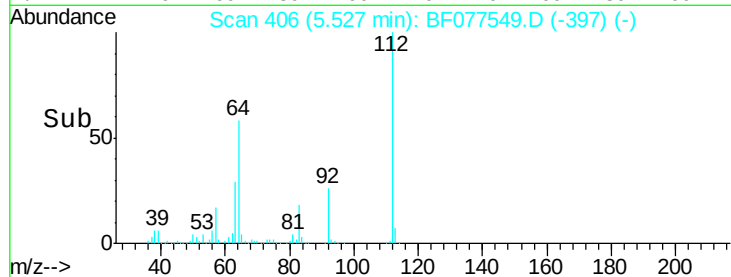
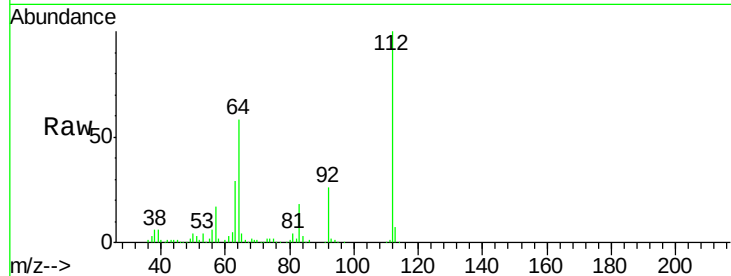
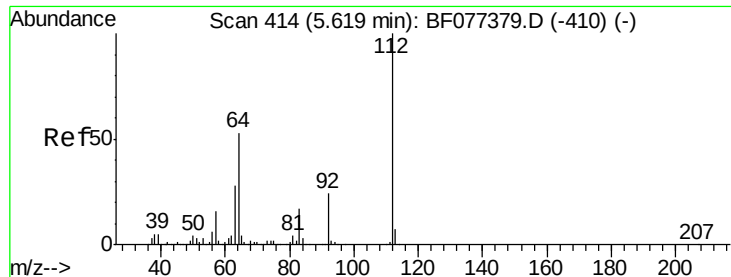
Delta R.T. 0.02 min

Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

Tgt Ion:	42	Resp:	39053
Ion Ratio	Lower	Upper	
42	100		
74	148.3	107.1	160.7
44	13.4	6.7	10.1





#5

2-Fluorophenol

Concen: 72.71 ng

RT: 5.53 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	217550		
64	58.2	48.5	72.7	
63	29.5	25.0	37.4	

Instrument :

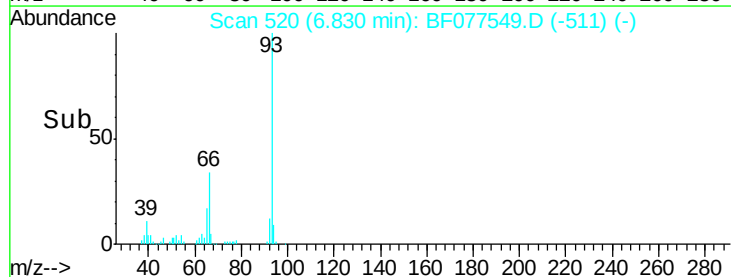
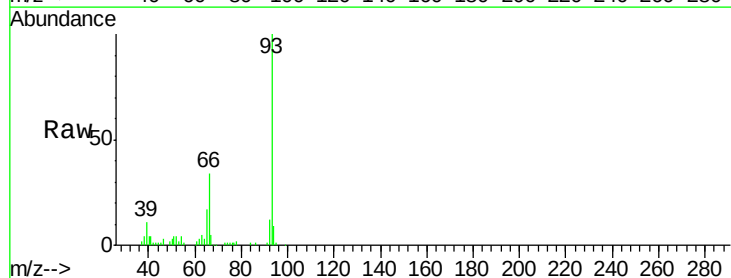
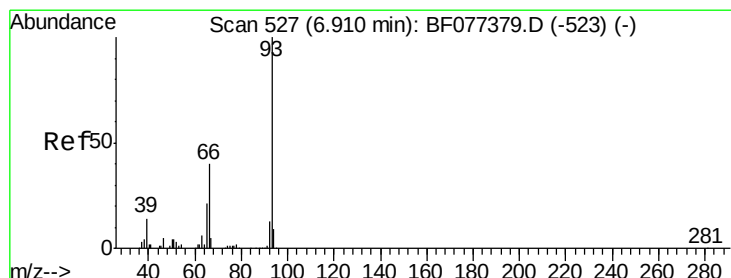
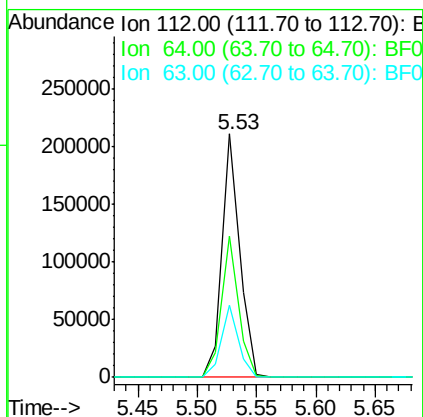
BNA_F

ClientSampleId :

MW-01-2-27-15MSD

Manual Integrations
APPROVED

mohammad
3/4/2015 4:41:50 PM



#6

Aniline

Concen: 21.30 ng

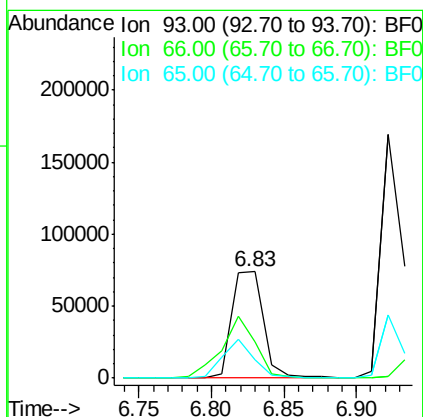
RT: 6.83 min Scan# 520

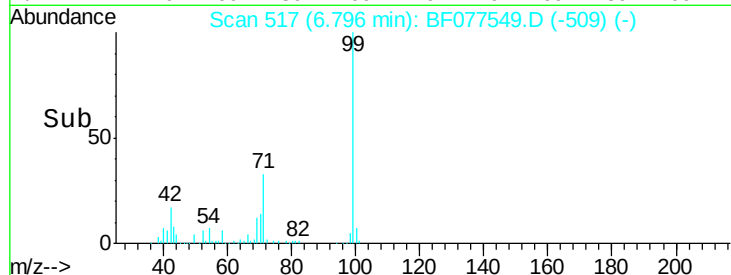
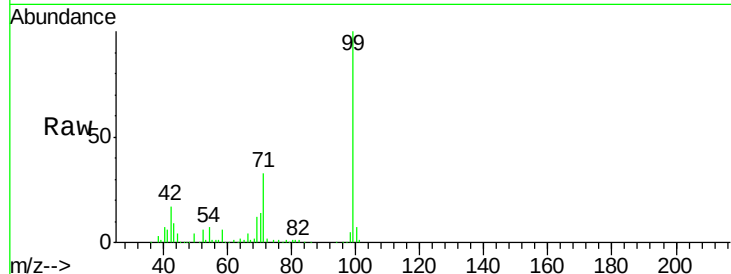
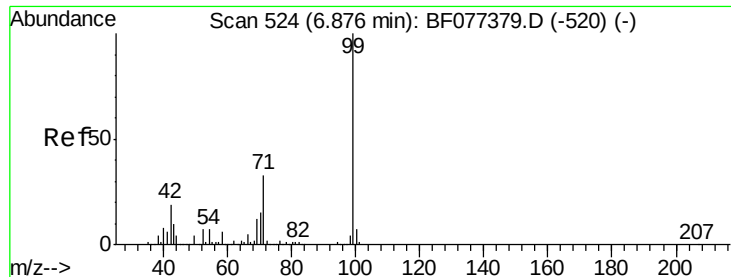
Delta R.T. 0.00 min

Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	113246		
66	34.0	29.1	43.7	
65	17.2	14.6	22.0	





#7

Phenol-d6

Concen: 44.03 ng

RT: 6.80 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	169380		
42	16.9	16.2	24.4	
71	32.6	26.7	40.1	

Instrument :

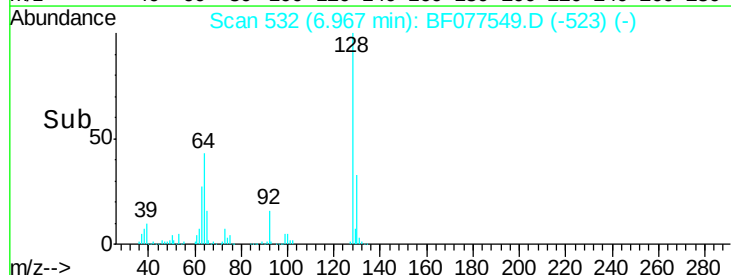
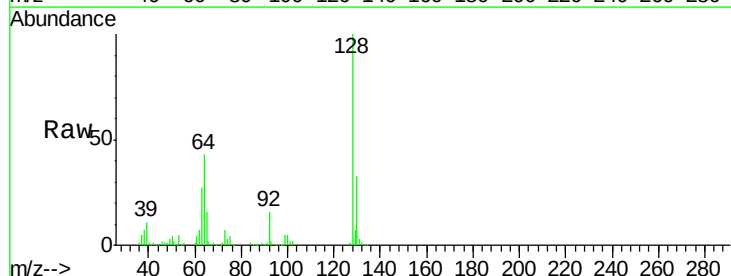
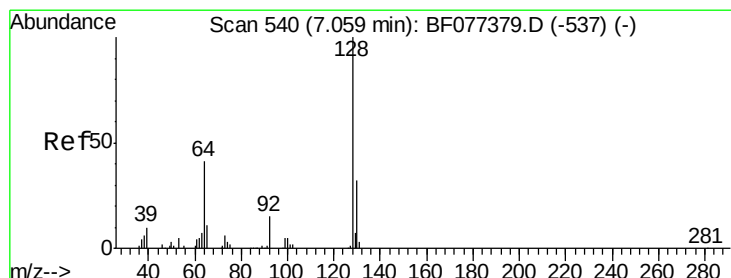
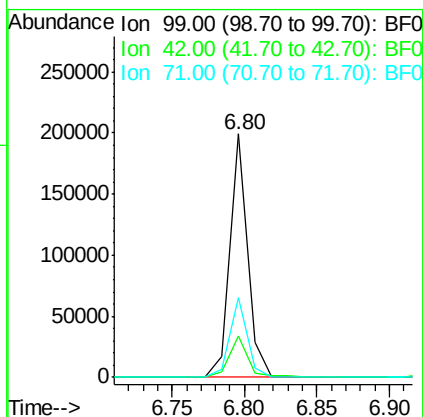
BNA_F

ClientSampleId :

MW-01-2-27-15MSD

Manual Integrations
APPROVED

mohammad
3/4/2015 4:41:50 PM



#8

2-Chlorophenol

Concen: 40.46 ng

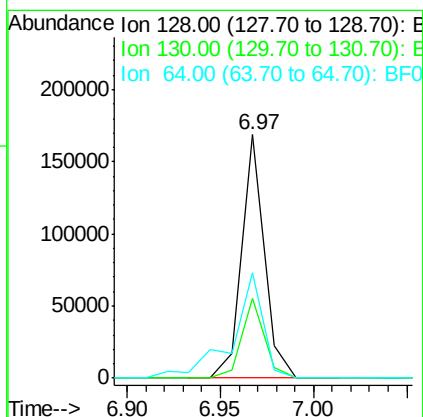
RT: 6.97 min Scan# 532

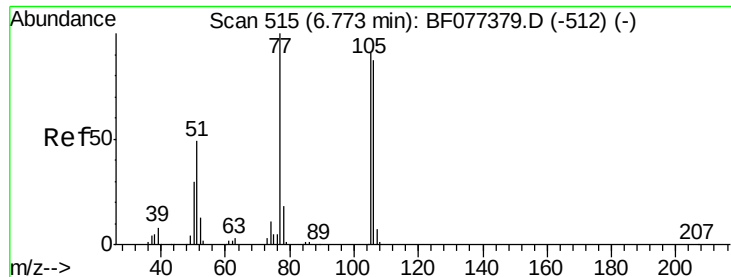
Delta R.T. -0.00 min

Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	142793		
130	32.7	12.0	52.0	
64	43.4	29.2	69.2	





#9

Benzaldehyde

Concen: 14.83 ng

RT: 6.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF077549.D

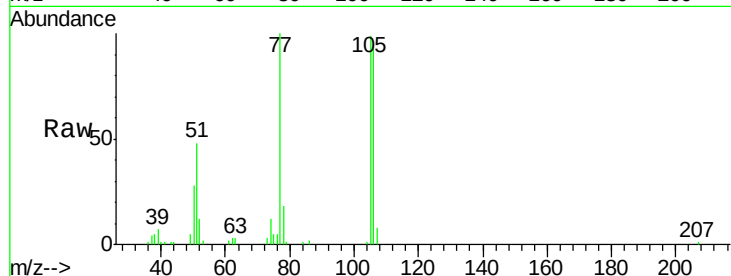
Acq: 3 Mar 2015 16:54

Instrument :

BNA_F

ClientSampleId :

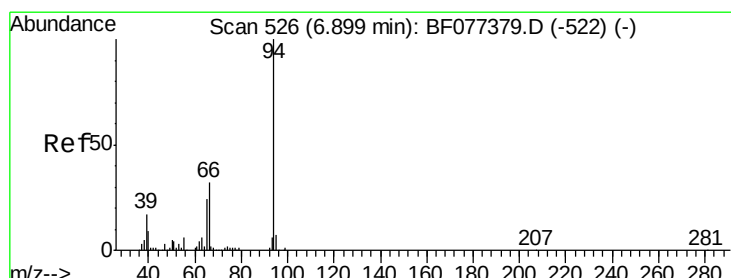
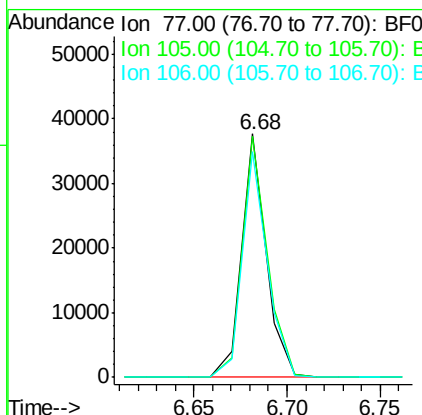
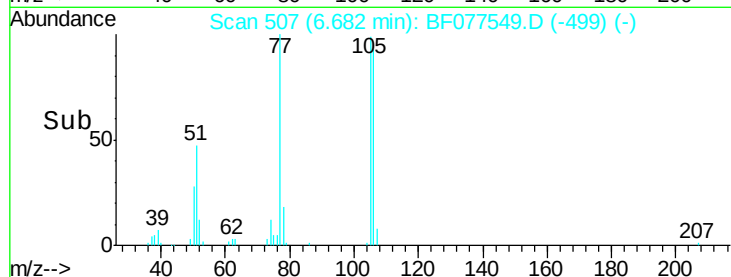
MW-01-2-27-15MSD



Tgt Ion:	77	Resp:	34646
Ion Ratio	Lower	Upper	
77	100		
105	98.8	85.9	125.9
106	92.7	82.9	122.9

Manual Integrations
APPROVED

mohammad
3/4/2015 4:41:50 PM



#10

Phenol

Concen: 15.49 ng

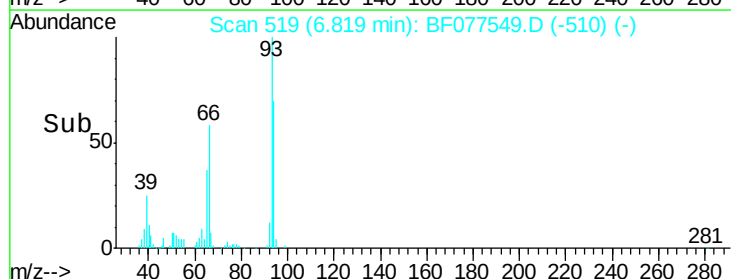
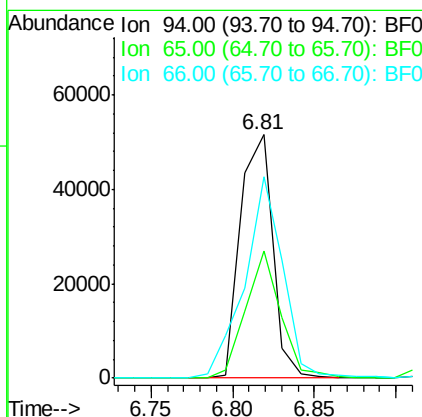
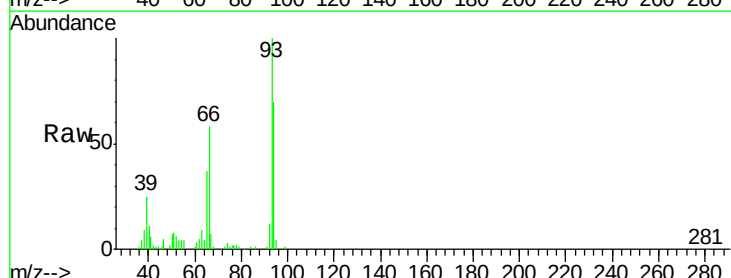
RT: 6.81 min Scan# 519

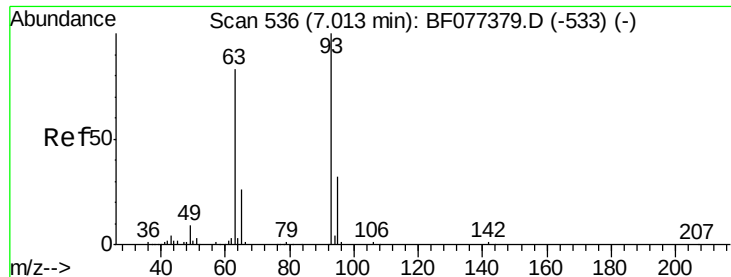
Delta R.T. -0.00 min

Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

Tgt Ion:	94	Resp:	70710
Ion Ratio	Lower	Upper	
94	100		
65	52.4	5.7	45.7#
66	82.5	13.6	53.6#





#11

bis(2-Chloroethyl)ether

Concen: 52.34 ng

RT: 6.93 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

Instrument :

BNA_F

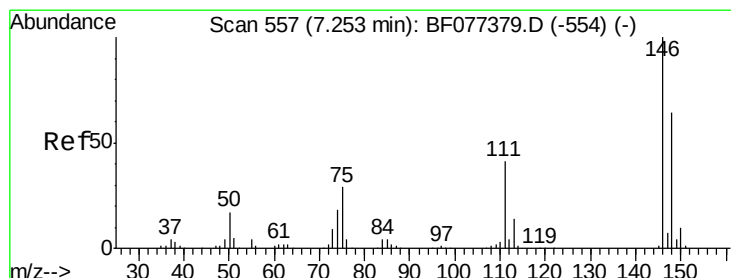
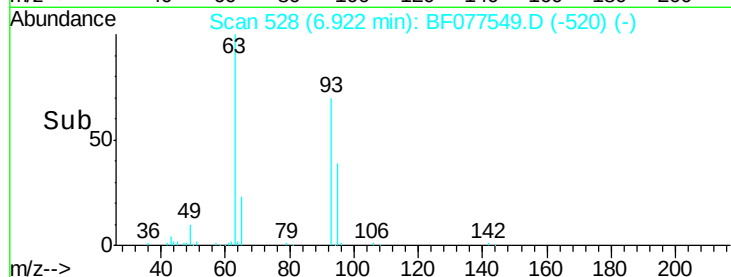
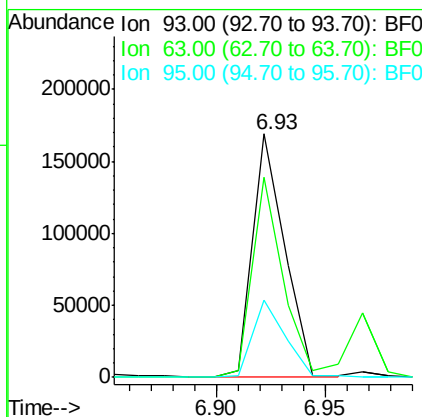
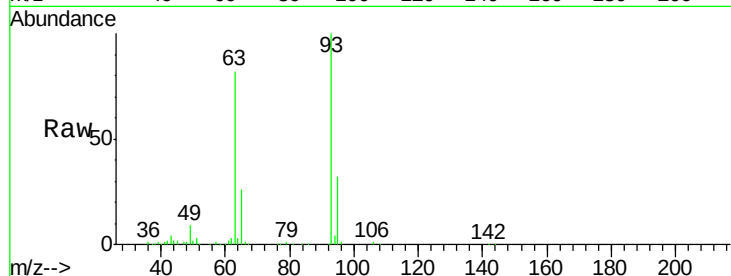
ClientSampleId :

MW-01-2-27-15MSD

Tgt Ion:	93	Resp:	171669
Ion	Ratio	Lower	Upper
93	100		
63	82.2	48.7	88.7
95	31.5	13.6	53.6

Manual Integrations
APPROVED

mohammad
3/4/2015 4:41:50 PM



#12

1,3-Dichlorobenzene

Concen: 46.88 ng

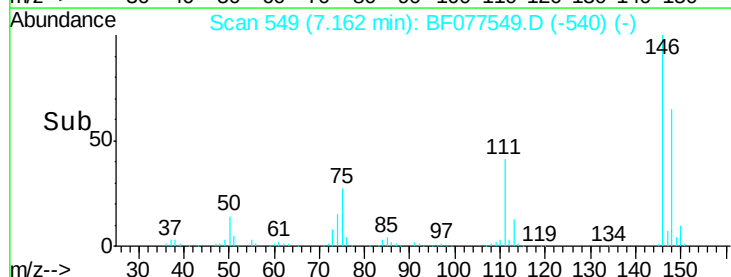
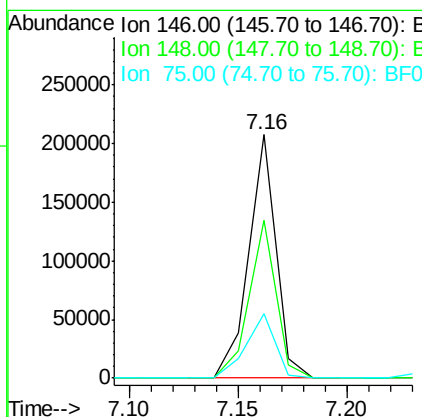
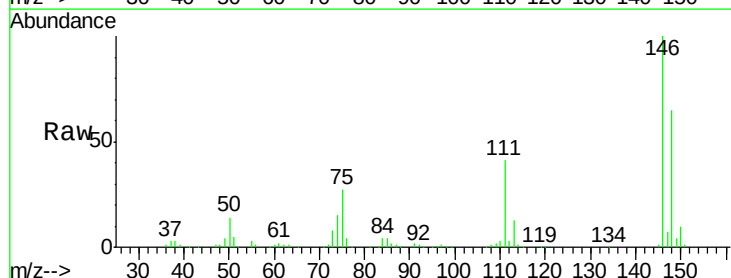
RT: 7.16 min Scan# 549

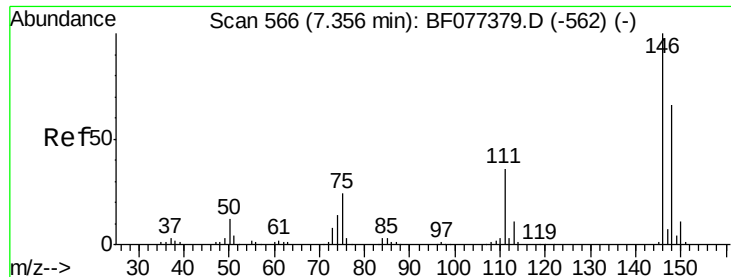
Delta R.T. -0.00 min

Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

Tgt Ion:	146	Resp:	180171
Ion	Ratio	Lower	Upper
146	100		
148	64.6	49.8	74.8
75	26.6	28.2	42.4





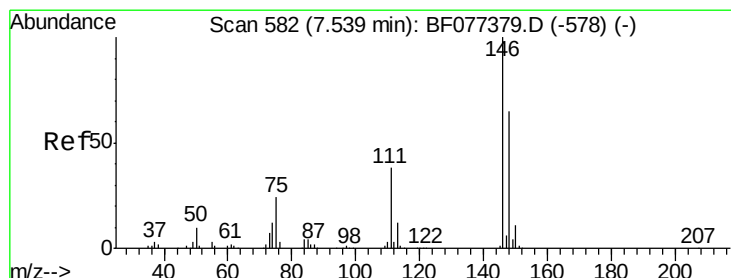
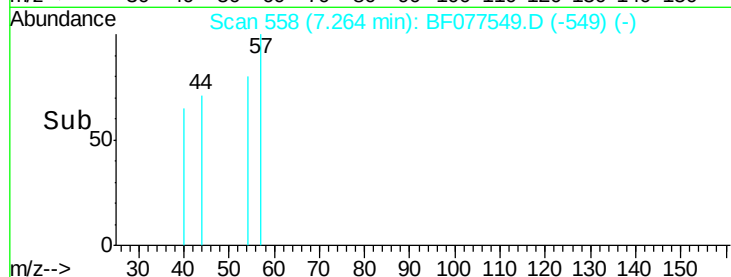
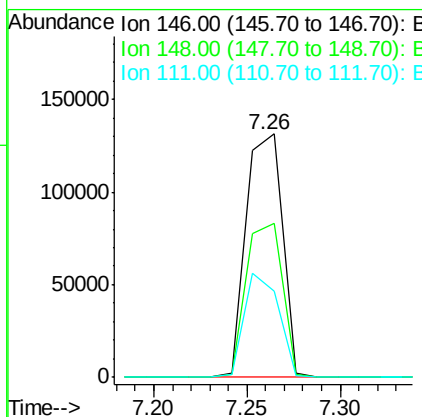
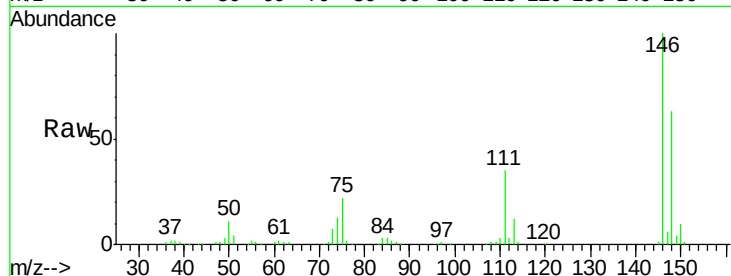
#13
 1,4-Dichlorobenzene
 Concen: 45.29 ng
 RT: 7.26 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF077549.D
 Acq: 3 Mar 2015 16:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-01-2-27-15MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.0	78.0
111	35.3	31.9	47.9

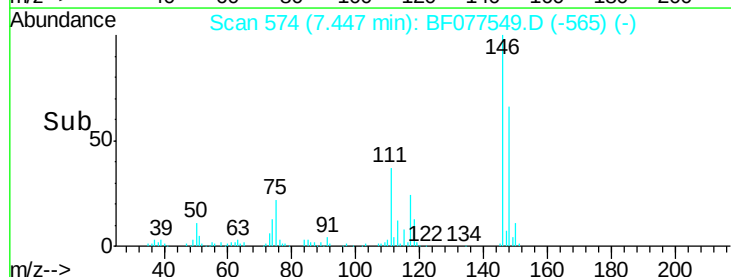
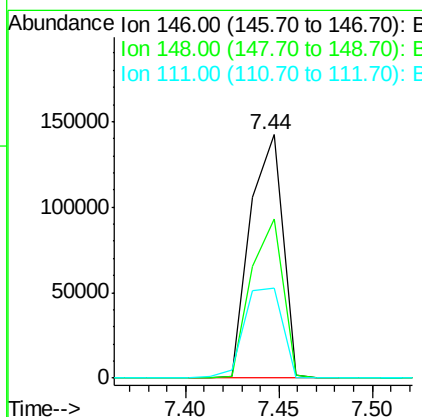
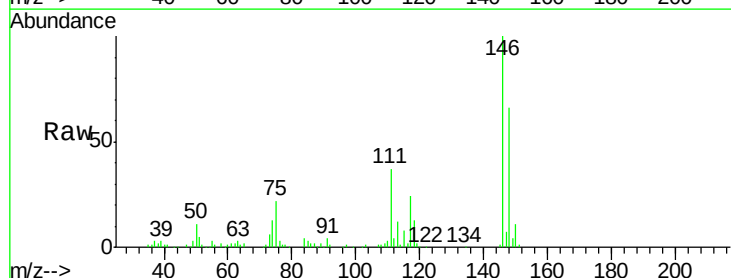
Manual Integrations
 APPROVED

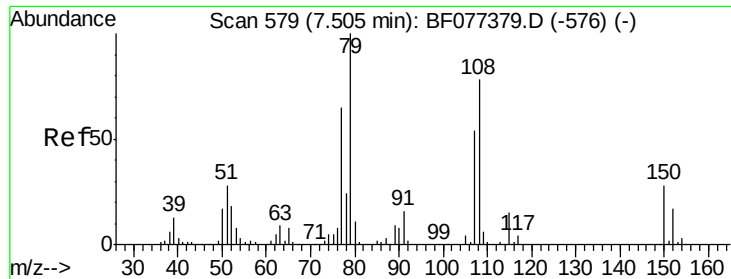
mohammad
 3/4/2015 4:41:50 PM



#14
 1,2-Dichlorobenzene
 Concen: 46.28 ng
 RT: 7.44 min Scan# 574
 Delta R.T. -0.00 min
 Lab File: BF077549.D
 Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.6	77.4
111	37.1	34.2	51.2





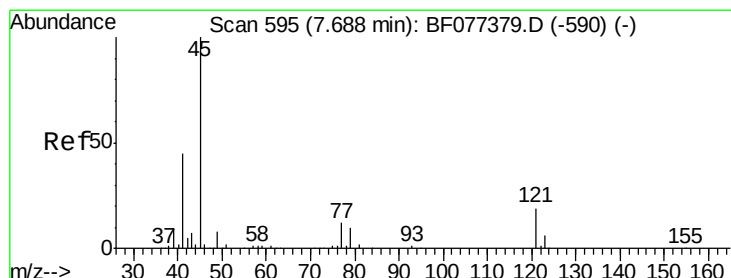
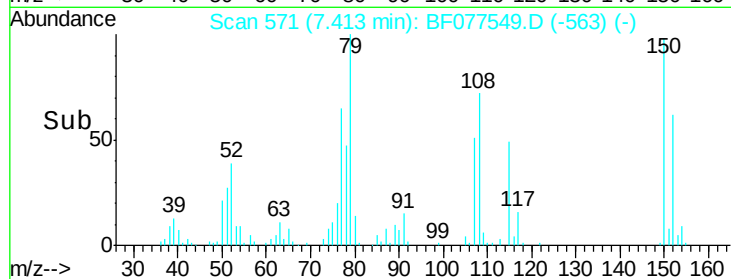
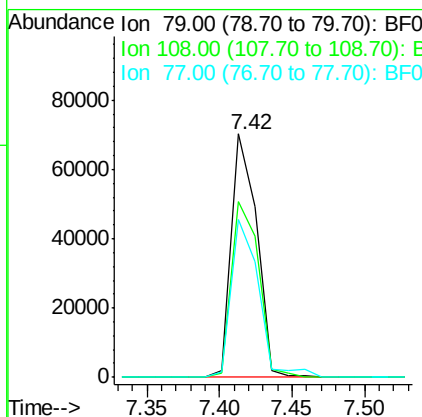
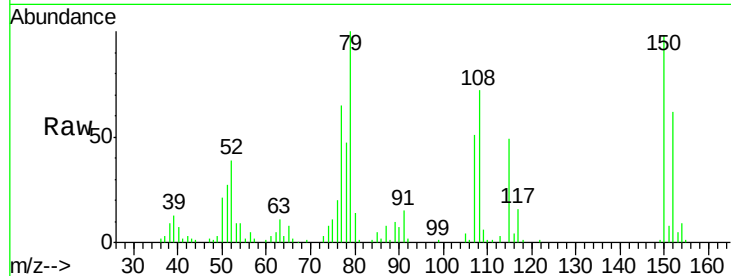
#15
Benzyl Alcohol
Concen: 29.19 ng
RT: 7.42 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Instrument :
BNA_F
ClientSampleId :
MW-01-2-27-15MSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	72.2	58.3	87.5
77	64.6	51.3	76.9

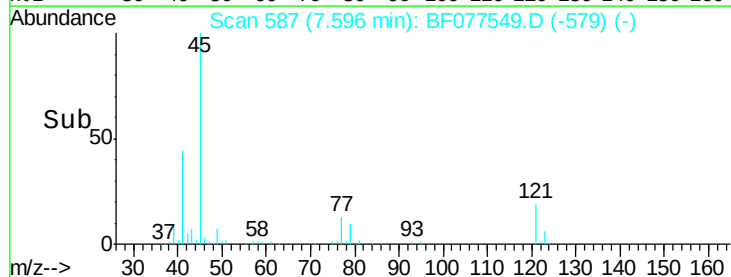
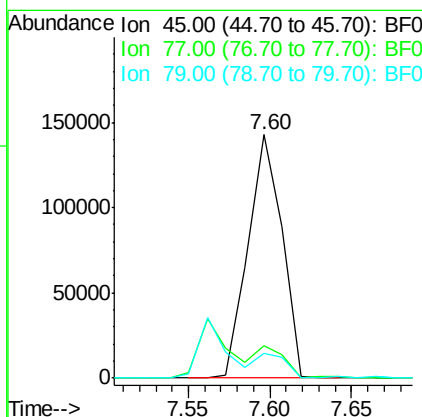
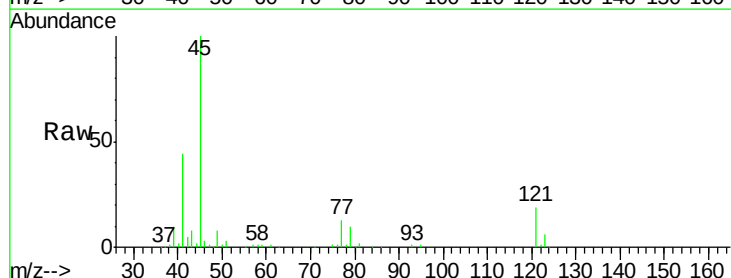
Manual Integrations
APPROVED

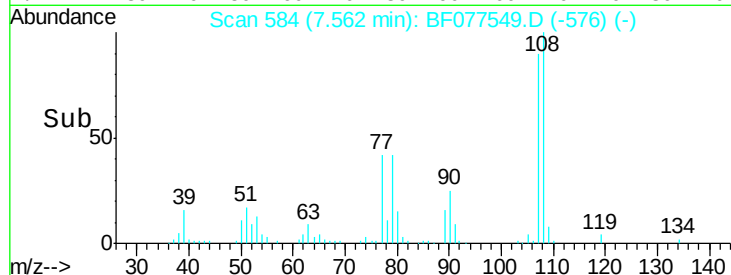
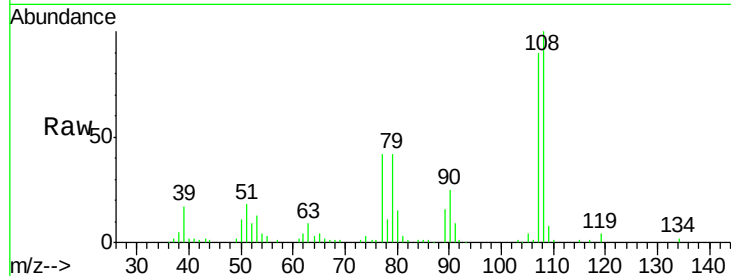
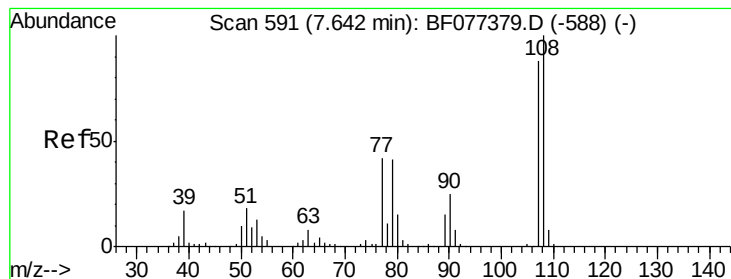
mohammad
3/4/2015 4:41:50 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.86 ng
RT: 7.60 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.1	0.0	34.6
79	10.2	0.0	31.5





#17

2-Methylphenol

Concen: 30.31 ng

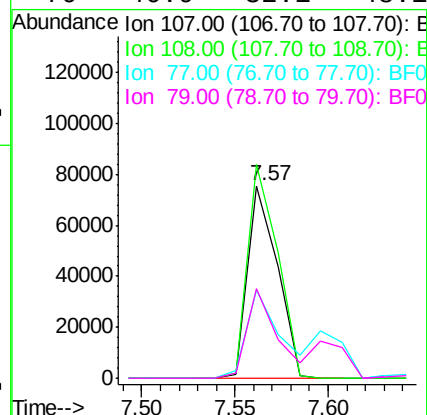
RT: 7.57 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

Tgt Ion:	107	Resp:	83610
Ion Ratio	Lower	Upper	
107	100		
108	111.2	91.2	136.8
77	46.2	33.6	50.4
79	46.9	32.1	48.1



Instrument :

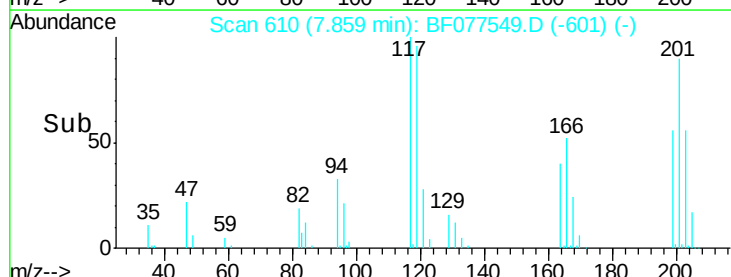
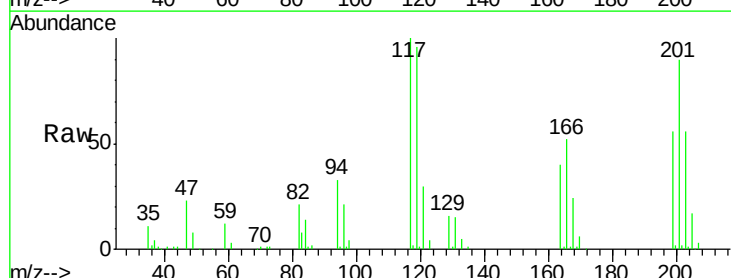
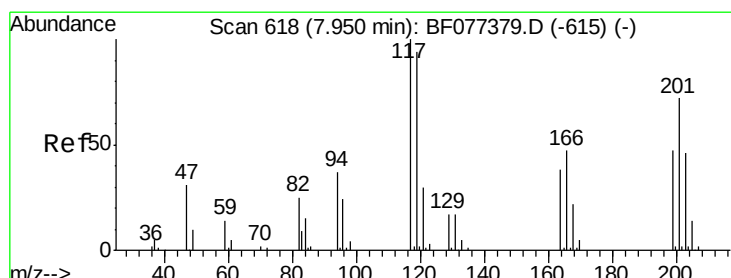
BNA_F

ClientSampleId :

MW-01-2-27-15MSD

Manual Integrations
APPROVED

mohammad
3/4/2015 4:41:50 PM



#18

Hexachloroethane

Concen: 47.45 ng

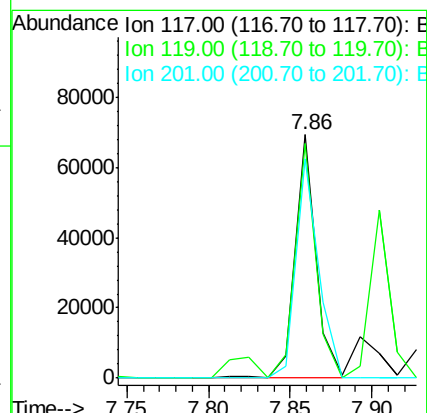
RT: 7.86 min Scan# 610

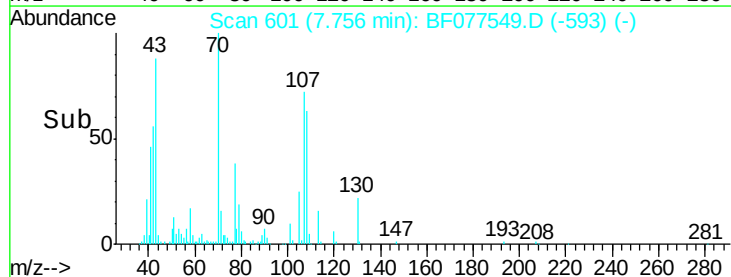
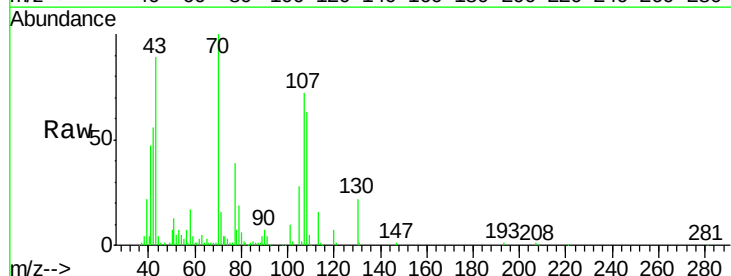
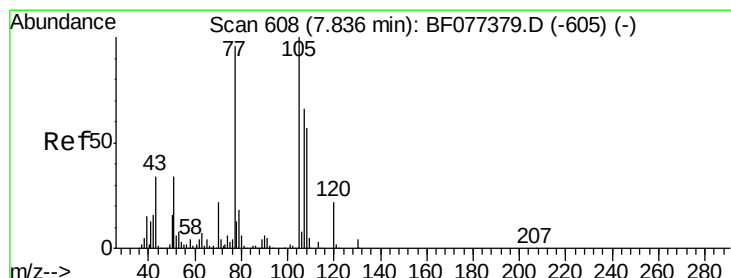
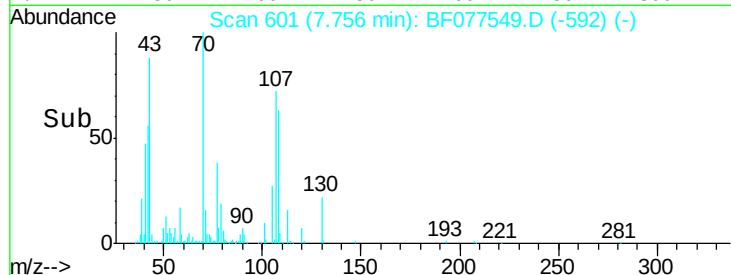
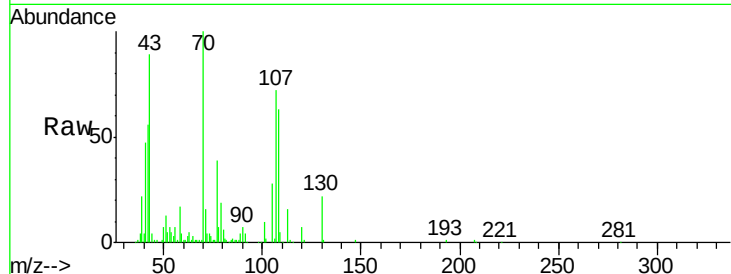
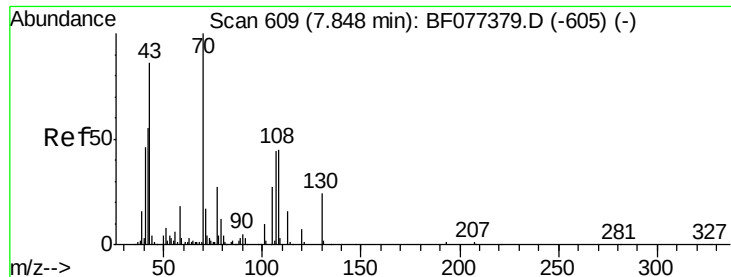
Delta R.T. -0.00 min

Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

Tgt Ion:	117	Resp:	61964
Ion Ratio	Lower	Upper	
117	100		
119	96.2	77.8	116.8
201	90.1	90.6	136.0#

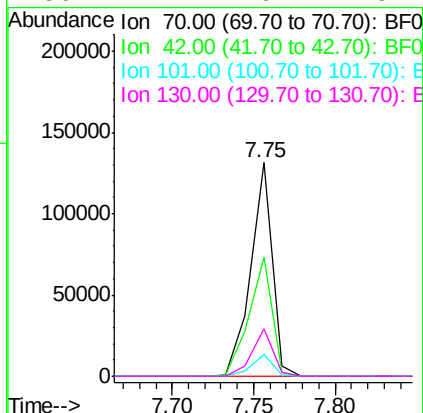




#19
n-Nitroso-di-n-propylamine
Concen: 49.26 ng
RT: 7.75 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Instrument :
BNA_F
ClientSampleId :
MW-01-2-27-15MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.9	48.3	72.5
101	10.0	7.5	11.3
130	22.4	16.7	25.1

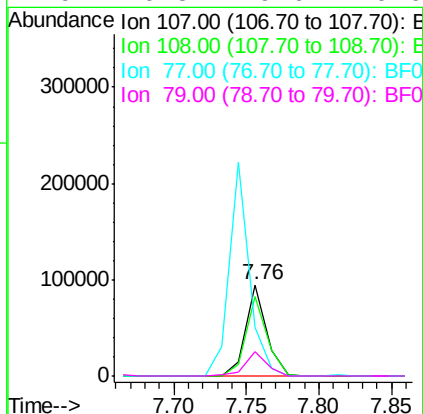


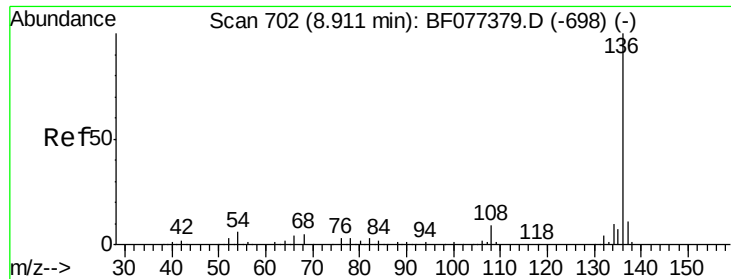
Manual Integrations
APPROVED

mohammad
3/4/2015 4:41:50 PM

#20
3+4-Methylphenols
Concen: 26.28 ng
RT: 7.76 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	76.8	116.8
77	53.6	65.8	105.8#
79	26.8	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF077549.D

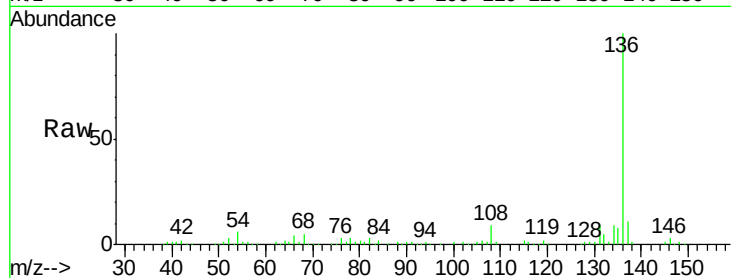
Acq: 3 Mar 2015 16:54

Instrument :

BNA_F

ClientSampleId :

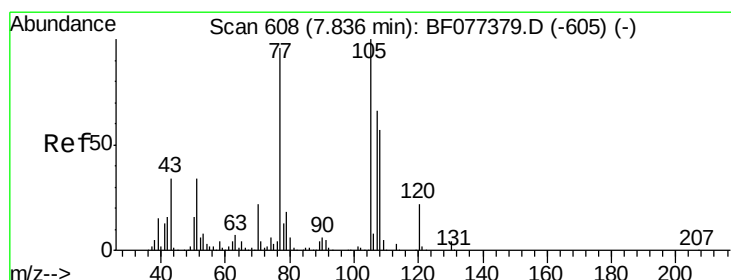
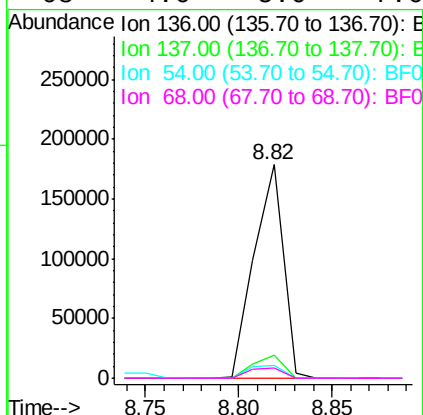
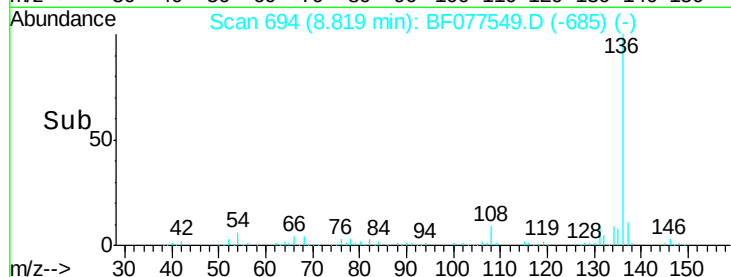
MW-01-2-27-15MSD



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	194534		
137	10.9	8.6	13.0	
54	5.8	6.2	9.4#	
68	4.6	5.0	7.6#	

Manual Integrations
APPROVED

mohammad
3/4/2015 4:41:50 PM



#22

Acetophenone

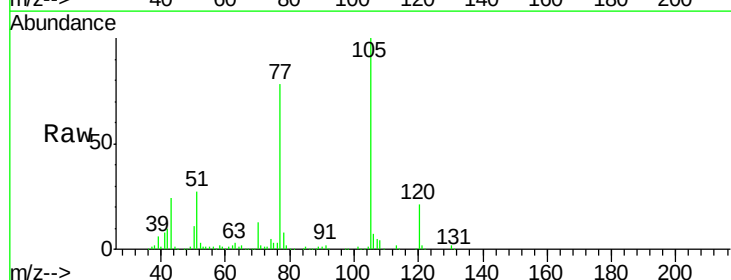
Concen: 54.54 ng

RT: 7.74 min Scan# 600

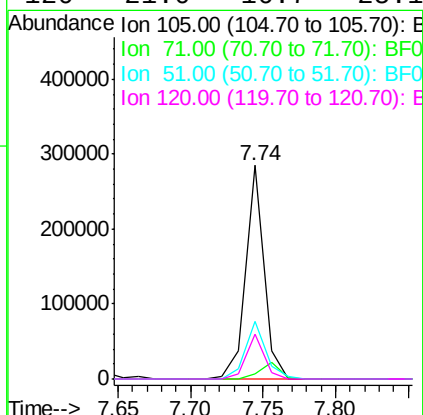
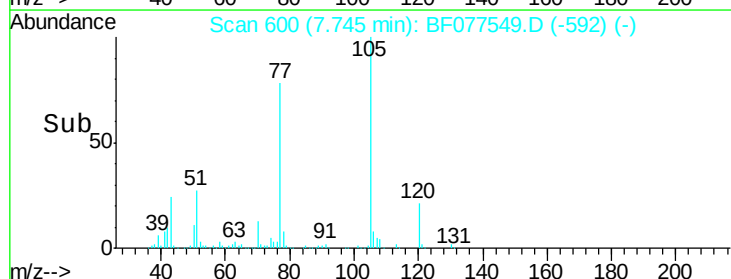
Delta R.T. -0.00 min

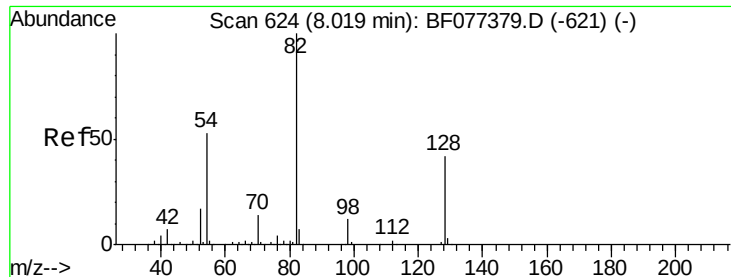
Lab File: BF077549.D

Acq: 3 Mar 2015 16:54



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	249557		
71	2.4	1.7	2.5	
51	26.7	30.7	46.1#	
120	21.0	16.7	25.1	





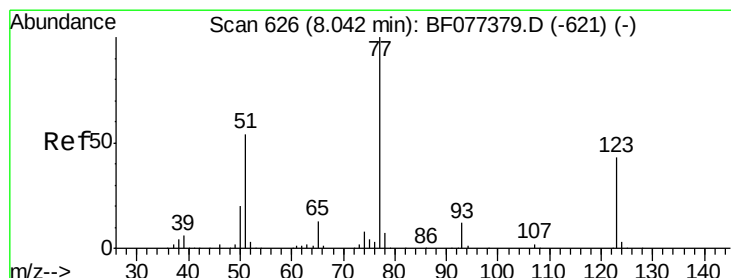
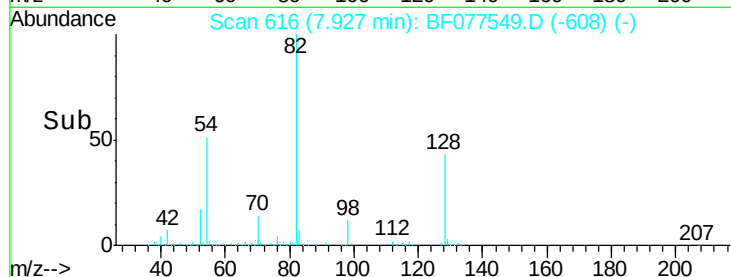
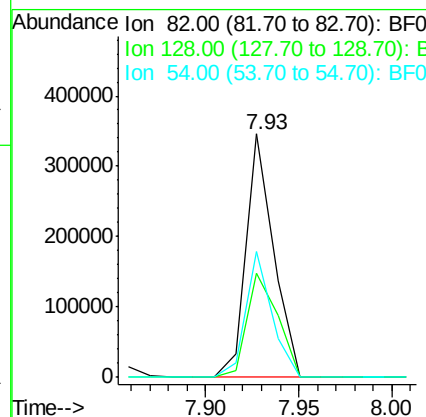
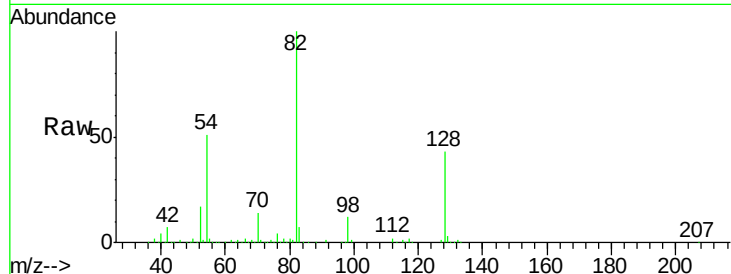
#23
 Nitrobenzene-d5
 Concen: 113.37 ng
 RT: 7.93 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF077549.D
 Acq: 3 Mar 2015 16:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-01-2-27-15MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.5	43.8	65.8#
54	51.5	36.7	55.1

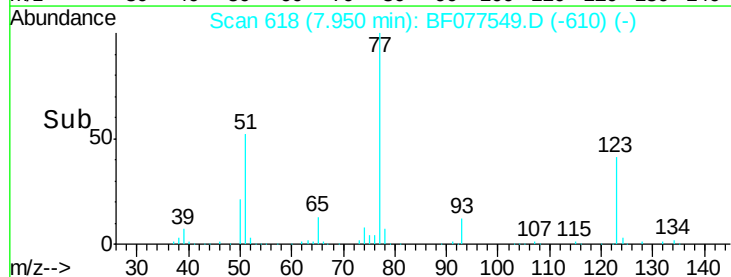
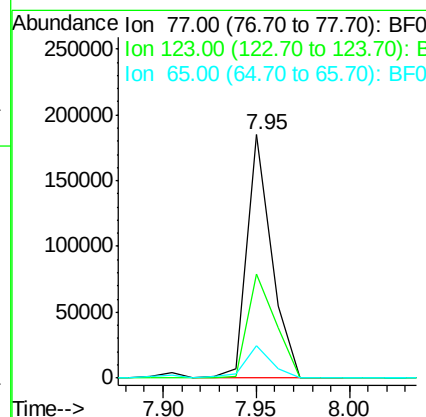
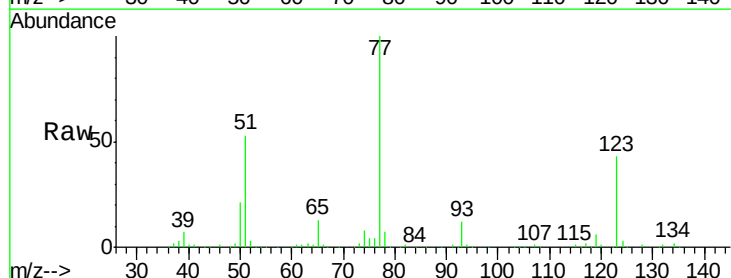
Manual Integrations
 APPROVED

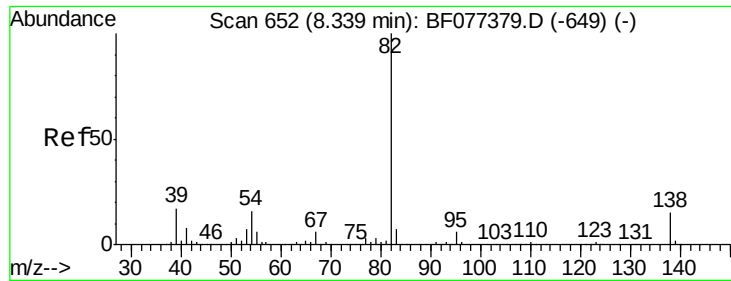
mohammad
 3/4/2015 4:41:50 PM



#24
 Nitrobenzene
 Concen: 51.98 ng
 RT: 7.95 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF077549.D
 Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.5	45.9	68.9#
65	13.4	9.5	14.3





#25

Isophorone

Concen: 50.41 ng

RT: 8.25 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

Instrument :

BNA_F

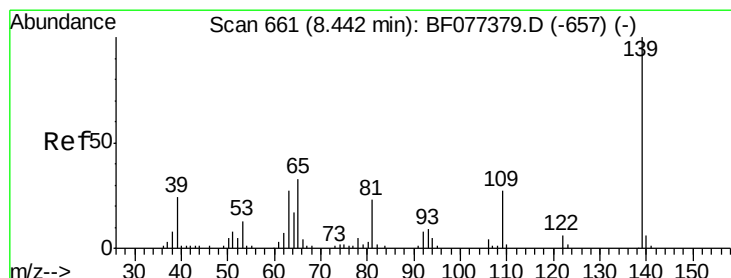
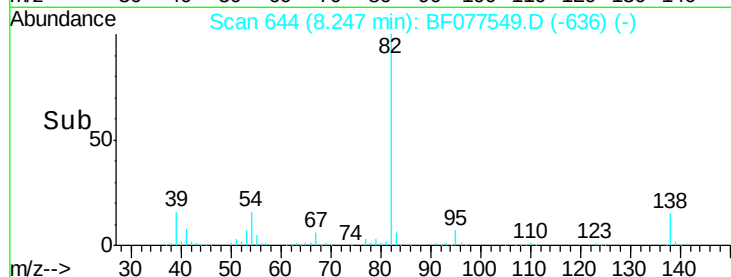
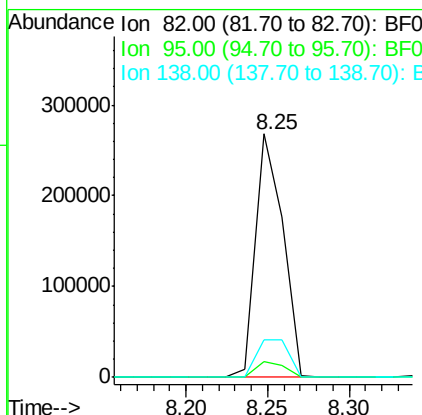
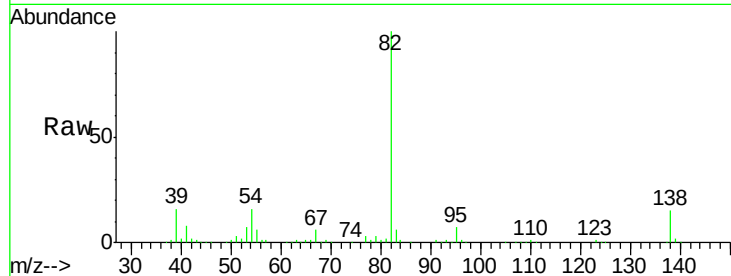
ClientSampleId :

MW-01-2-27-15MSD

Tgt Ion:	82	Resp:	312850
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.4	8.2
138	15.2	16.3	24.5#

Manual Integrations
APPROVED

mohammad
3/4/2015 4:41:50 PM



#26

2-Nitrophenol

Concen: 63.02 ng

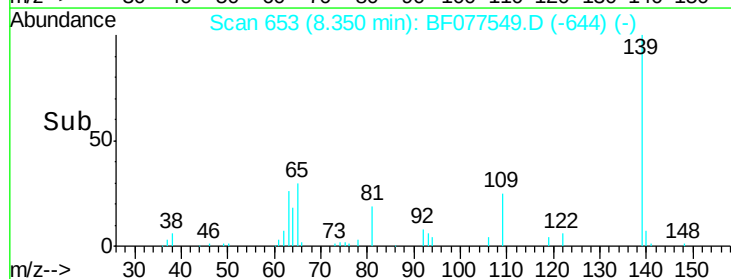
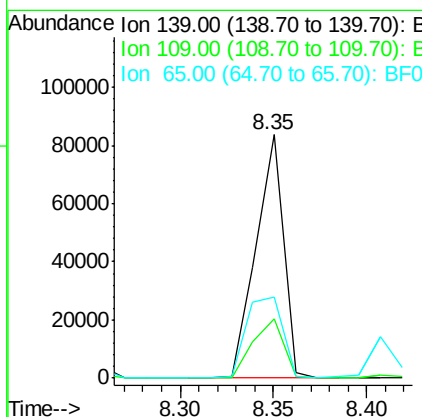
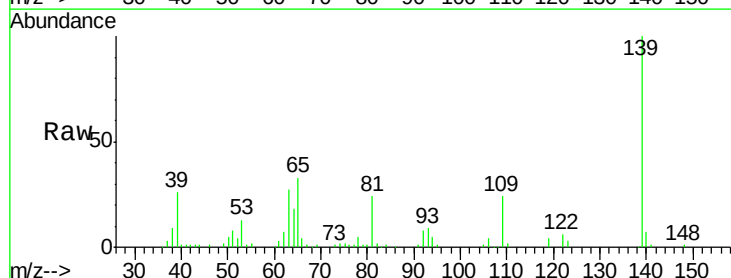
RT: 8.35 min Scan# 653

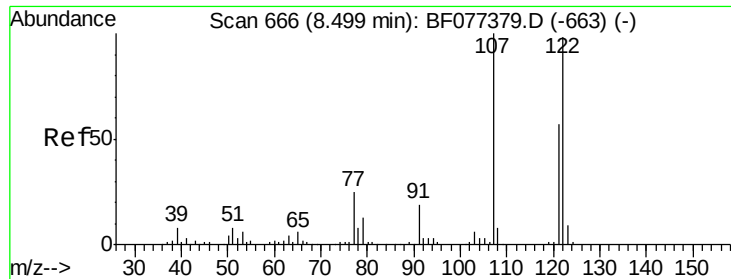
Delta R.T. -0.00 min

Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

Tgt Ion:	139	Resp:	85018
Ion Ratio		Lower	Upper
139	100		
109	24.4	22.6	34.0
65	33.3	36.4	54.6#





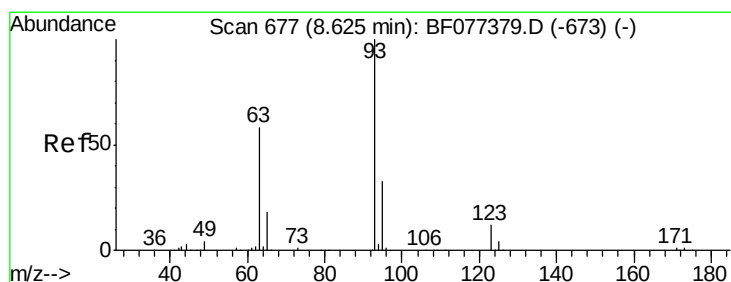
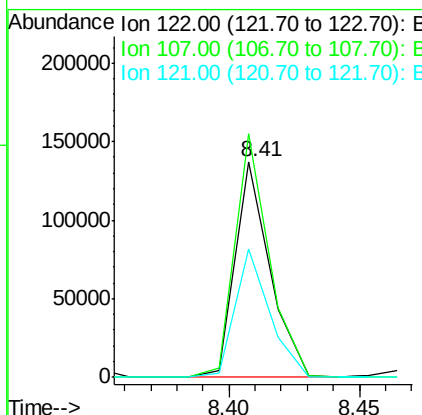
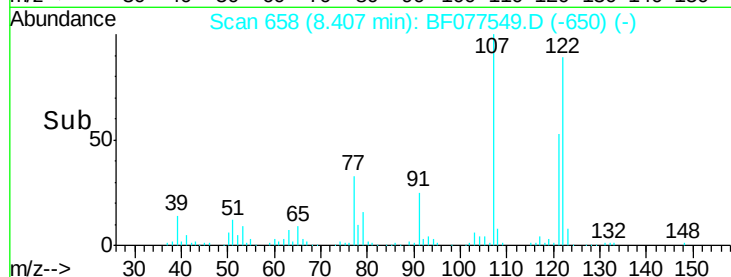
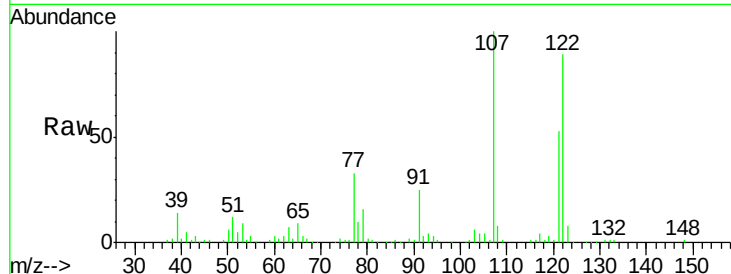
#27
 2,4-Dimethylphenol
 Concen: 42.34 ng
 RT: 8.41 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: BF077549.D
 Acq: 3 Mar 2015 16:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-01-2-27-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	127800		
107	112.8	86.6	130.0	
121	59.3	47.4	71.0	

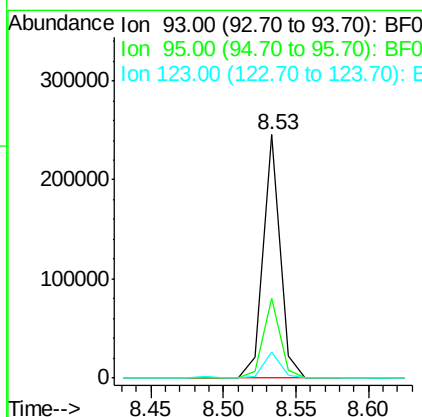
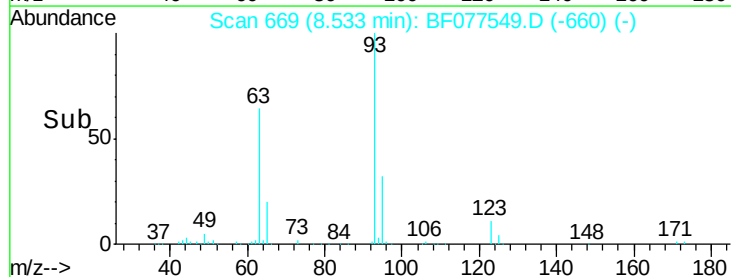
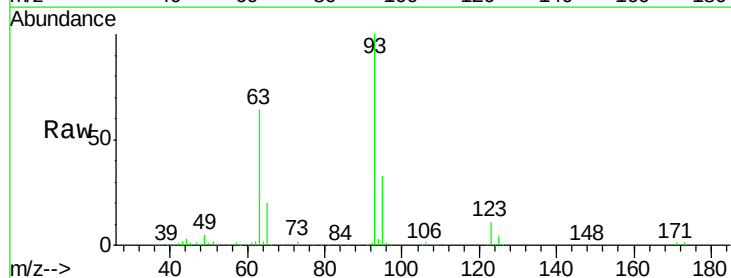
Manual Integrations
 APPROVED

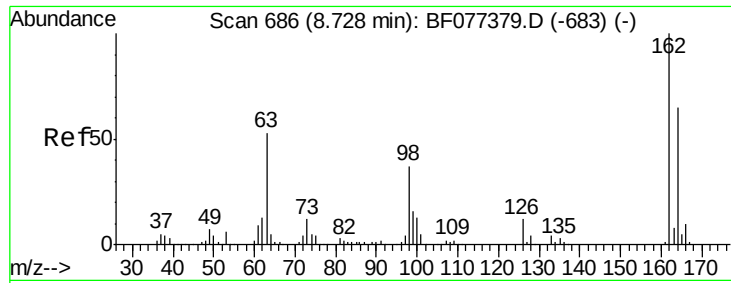
mohammad
 3/4/2015 4:41:50 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.76 ng
 RT: 8.53 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF077549.D
 Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	199022		
95	32.6	26.4	39.6	
123	10.6	8.7	13.1	





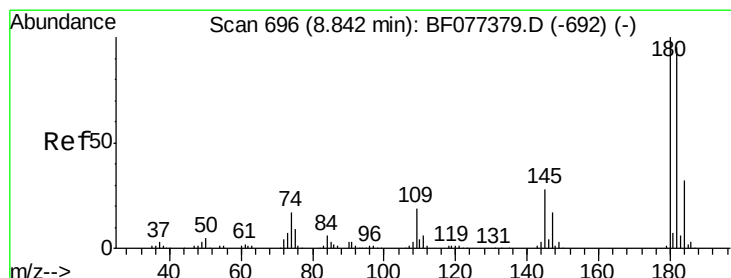
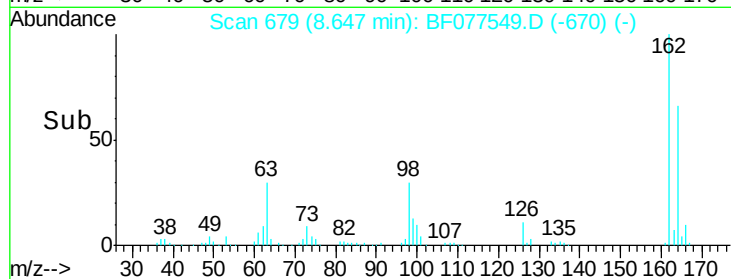
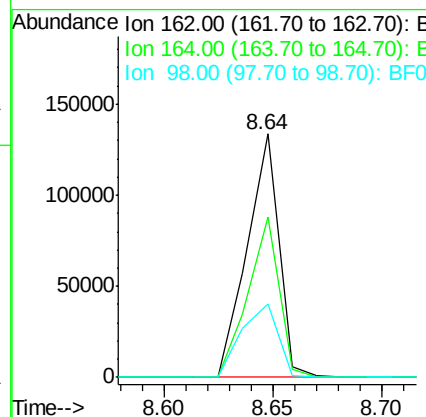
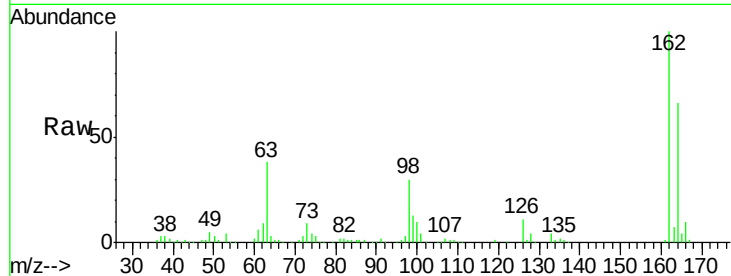
#29
 2,4-Dichlorophenol
 Concen: 47.92 ng
 RT: 8.64 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF077549.D
 Acq: 3 Mar 2015 16:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-01-2-27-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	135763		
164	66.0	46.4	86.4	
98	30.0	6.9	46.9	

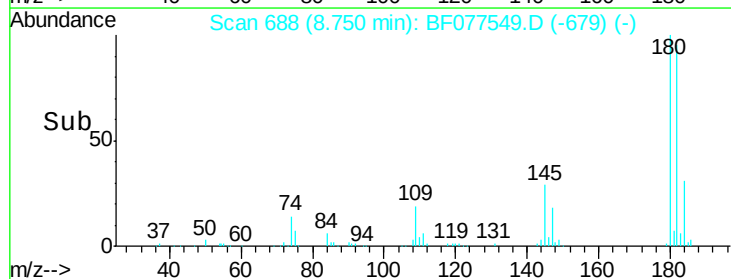
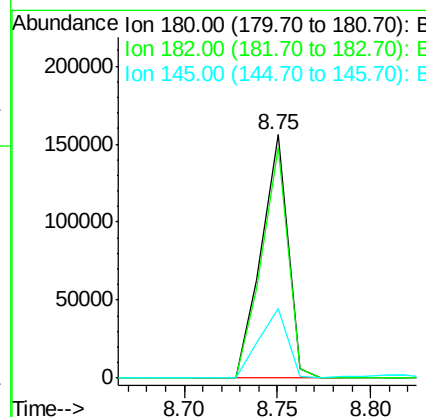
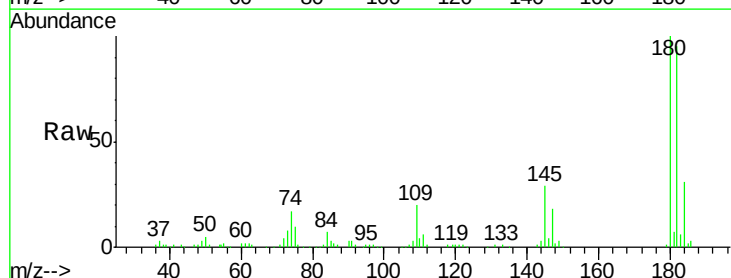
Manual Integrations
 APPROVED

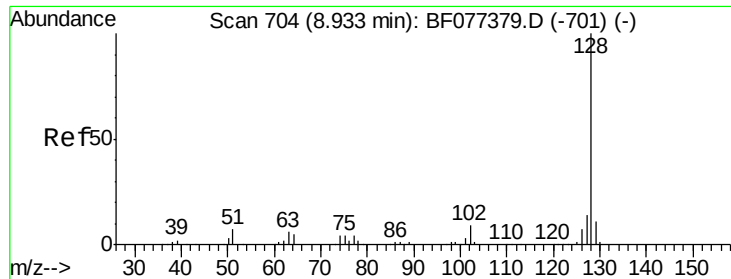
mohammad
 3/4/2015 4:41:50 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 49.46 ng
 RT: 8.75 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF077549.D
 Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	154068		
182	94.5	76.2	114.4	
145	28.5	24.5	36.7	





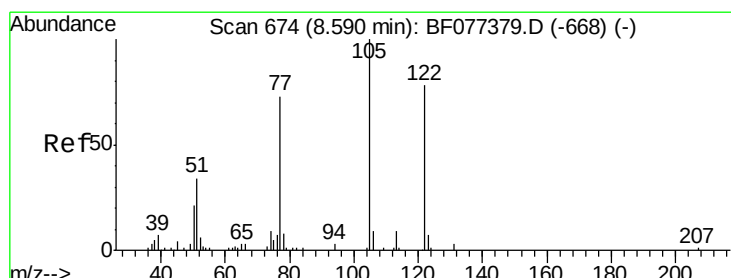
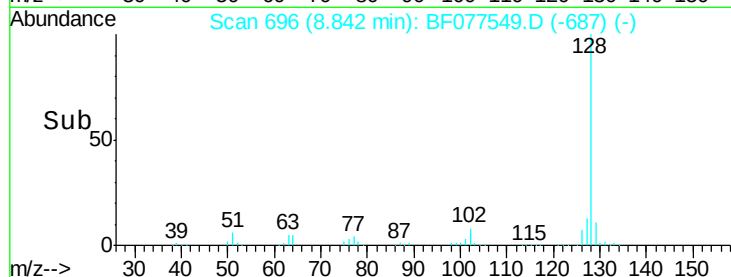
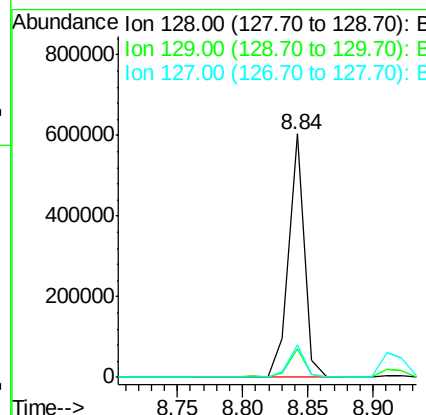
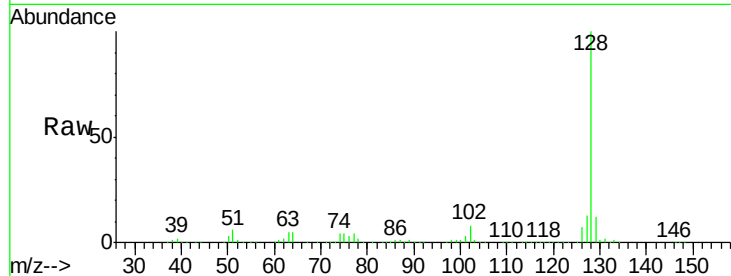
#31
Naphthalene
Concen: 52.88 ng
RT: 8.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Instrument :
BNA_F
ClientSampleId :
MW-01-2-27-15MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.0
127	13.2	10.6	15.8

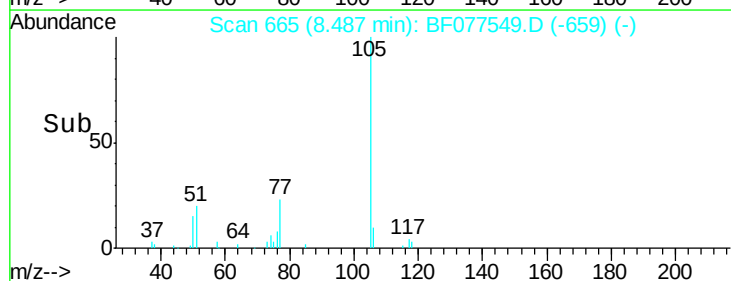
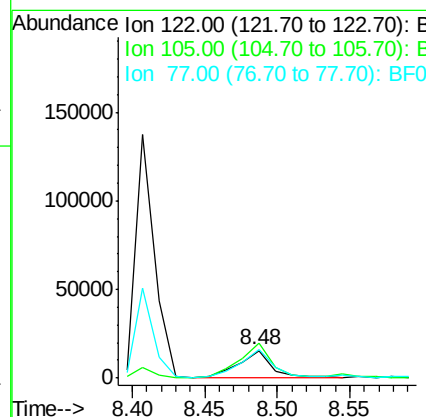
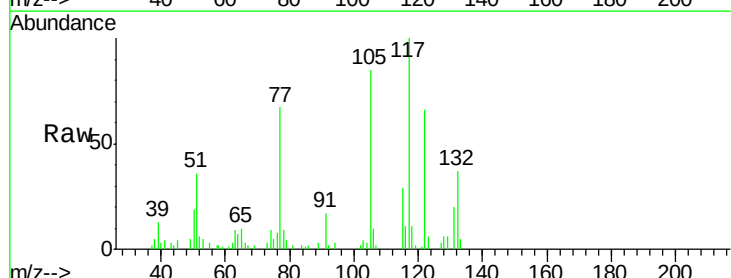
Manual Integrations
APPROVED

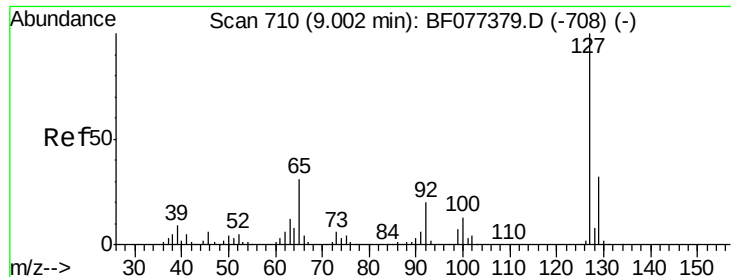
mohammad
3/4/2015 4:41:50 PM



#32
Benzoic acid
Concen: 16.13 ng
RT: 8.48 min Scan# 665
Delta R.T. -0.03 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.1	100.3	140.3
77	102.1	68.7	108.7





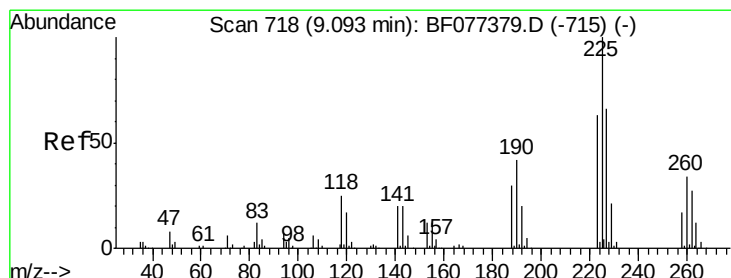
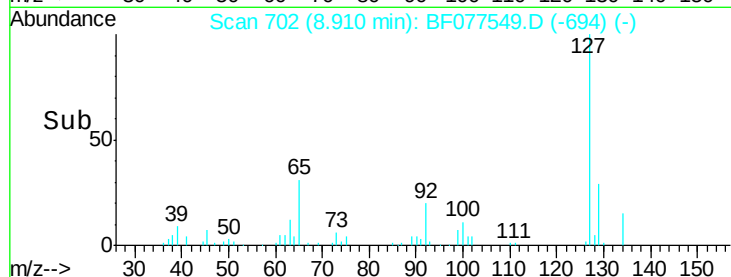
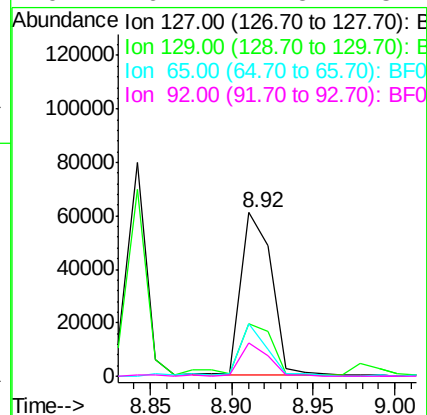
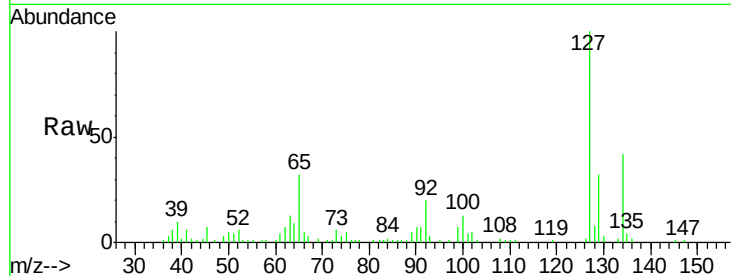
#33
4-Chloroaniline
Concen: 18.06 ng
RT: 8.92 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Instrument :
BNA_F
ClientSampleId :
MW-01-2-27-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	78112		
129	32.4	26.9	40.3	
65	32.4	16.7	25.1#	
92	20.2	12.5	18.7#	

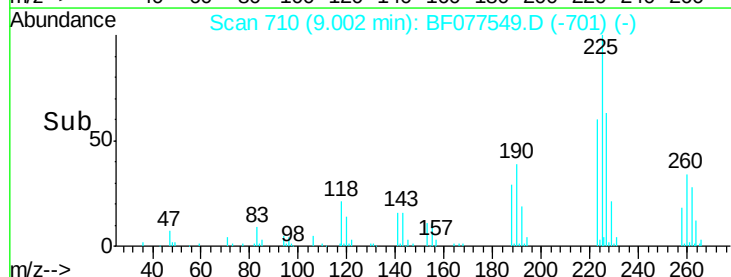
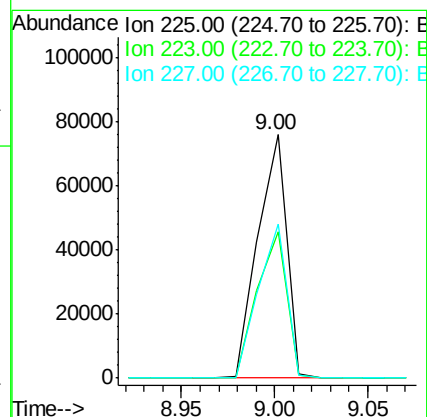
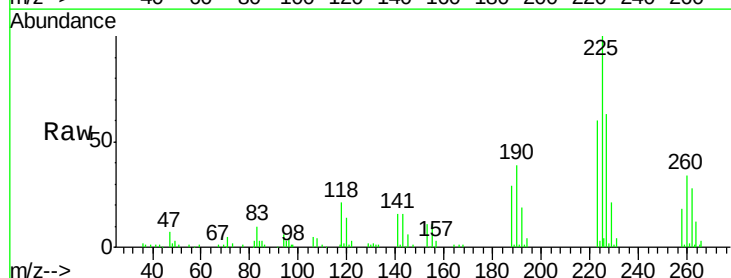
Manual Integrations
APPROVED

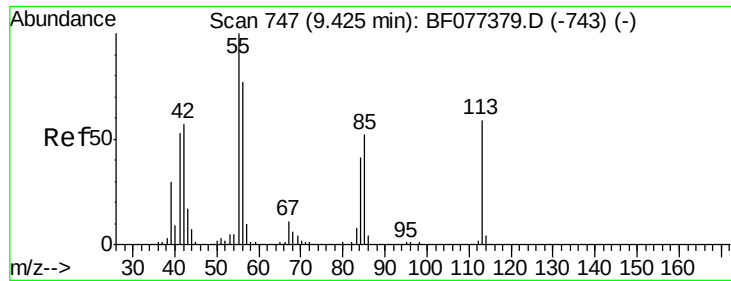
mohammad
3/4/2015 4:41:50 PM



#34
Hexachlorobutadiene
Concen: 46.37 ng
RT: 9.00 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	82463		
223	60.0	49.5	74.3	
227	63.2	50.5	75.7	





#35

Caprolactam

Concen: 7.48 ng

RT: 9.35 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

Instrument :

BNA_F

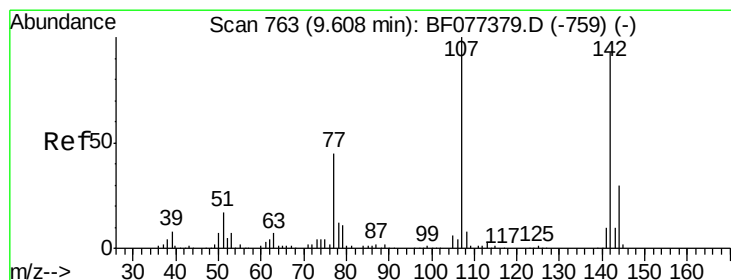
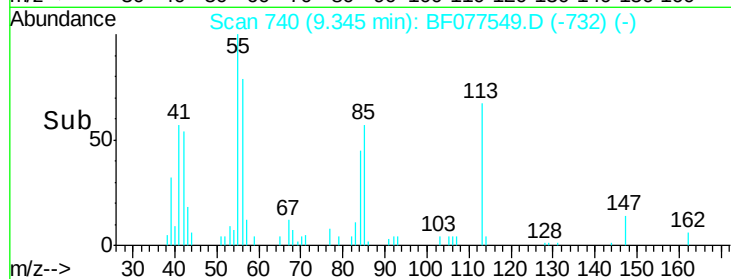
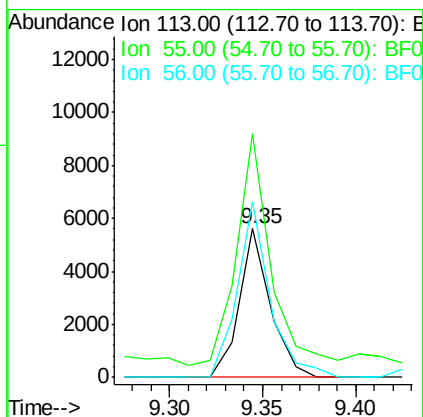
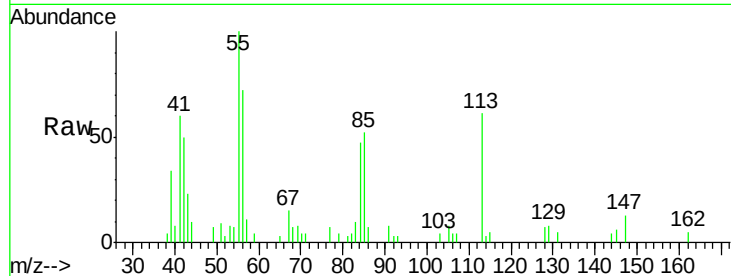
ClientSampleId :

MW-01-2-27-15MSD

Tgt Ion:	113	Resp:	6472
Ion	Ratio	Lower	Upper
113	100		
55	163.8	154.6	194.6
56	118.0	114.0	154.0

Manual Integrations
APPROVED

mohammad
3/4/2015 4:41:50 PM



#36

4-Chloro-3-methylphenol

Concen: 44.18 ng

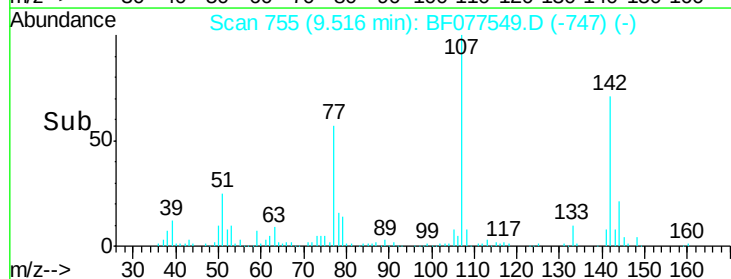
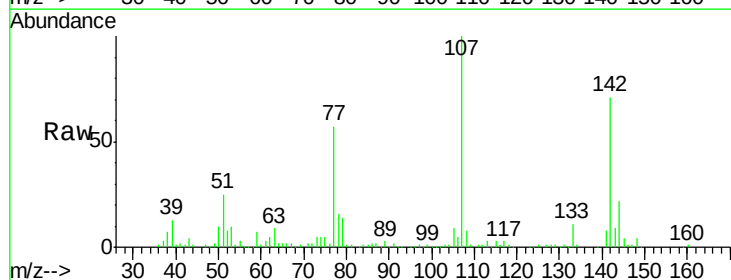
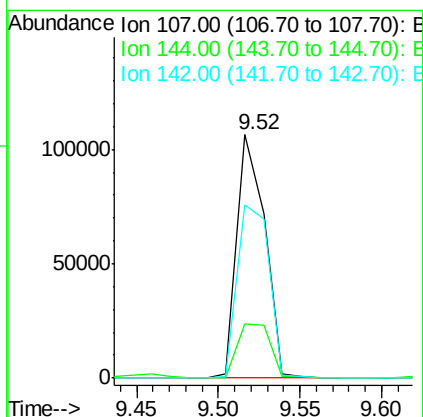
RT: 9.52 min Scan# 755

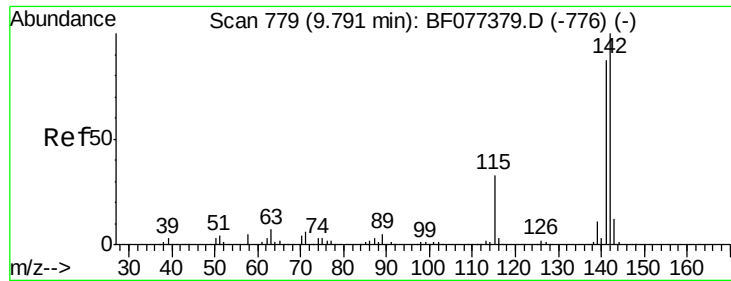
Delta R.T. -0.00 min

Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

Tgt Ion:	107	Resp:	125836
Ion	Ratio	Lower	Upper
107	100		
144	22.4	21.1	31.7
142	71.2	65.3	97.9





#37

2-Methylnaphthalene

Concen: 49.26 ng

RT: 9.70 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF077549.D

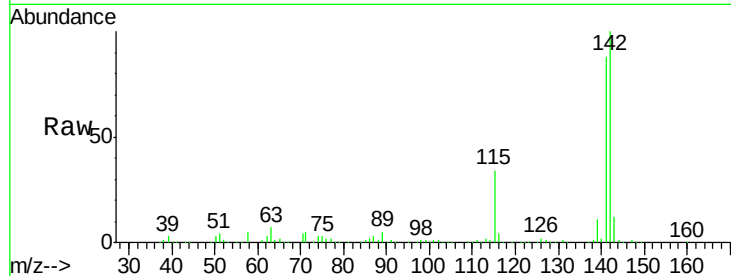
Acq: 3 Mar 2015 16:54

Instrument :

BNA_F

ClientSampleId :

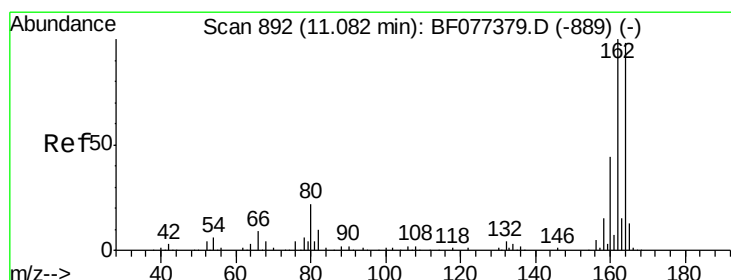
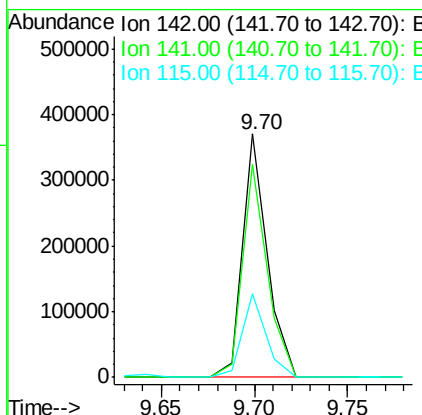
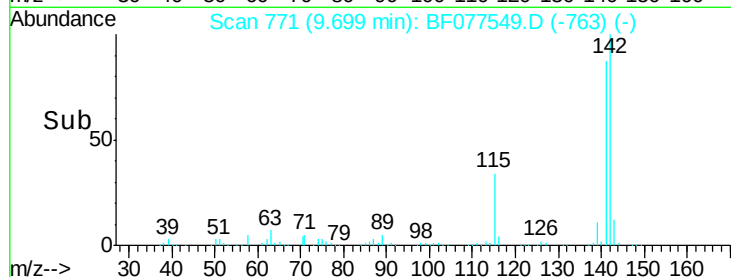
MW-01-2-27-15MSD



Tgt Ion:	142	Resp:	340293
Ion Ratio	Lower	Upper	
142	100		
141	87.6	70.7	106.1
115	34.1	24.2	36.4

Manual Integrations
APPROVED

mohammad
3/4/2015 4:41:50 PM



#38

Acenaphthene-d10

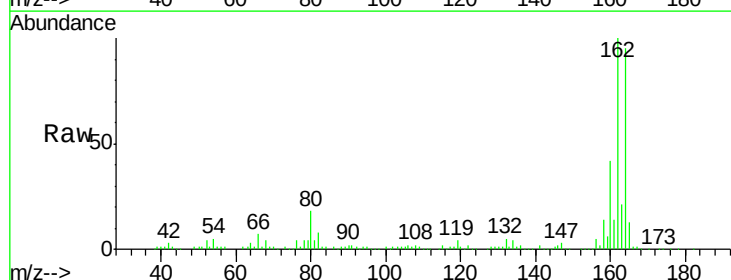
Concen: 20.00 ng

RT: 10.99 min Scan# 884

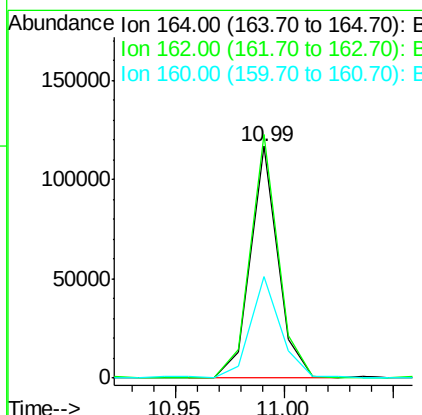
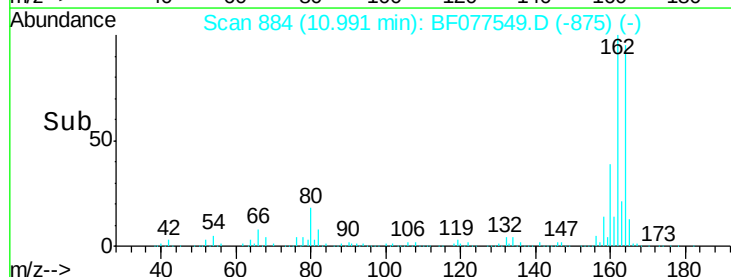
Delta R.T. -0.00 min

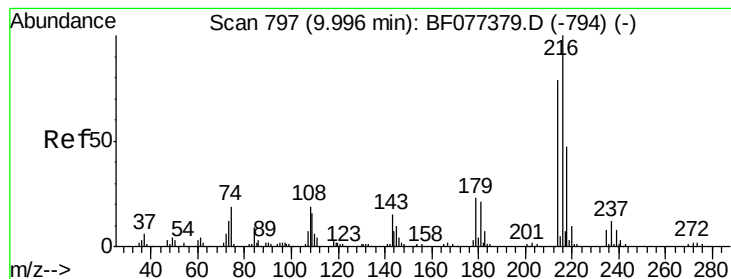
Lab File: BF077549.D

Acq: 3 Mar 2015 16:54



Tgt Ion:	164	Resp:	103076
Ion Ratio	Lower	Upper	
164	100		
162	105.0	83.2	124.8
160	43.9	34.6	52.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.01 ng

RT: 9.91 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF077549.D

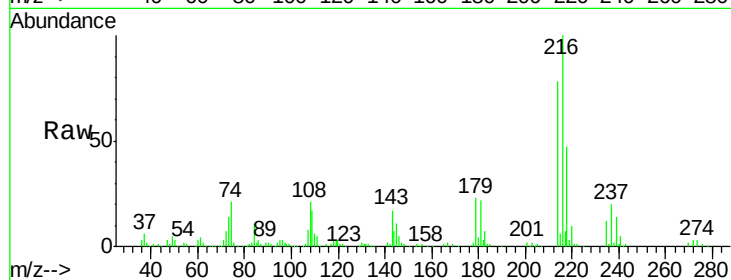
Acq: 3 Mar 2015 16:54

Instrument :

BNA_F

ClientSampleId :

MW-01-2-27-15MSD



Tgt Ion: 216 Resp: 147904

Ion Ratio Lower Upper

216 100

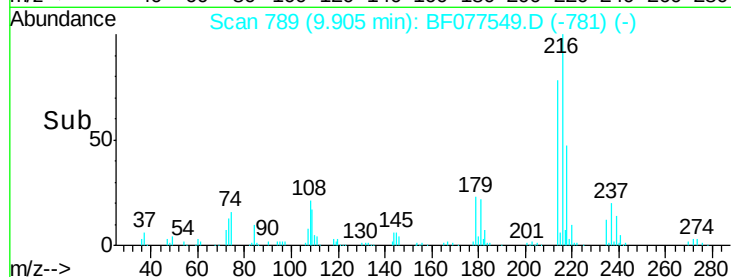
214 78.2 63.4 95.0

179 21.0 16.6 25.0

108 21.0 14.2 21.4

Manual Integrations
APPROVED

mohammad
3/4/2015 4:41:50 PM

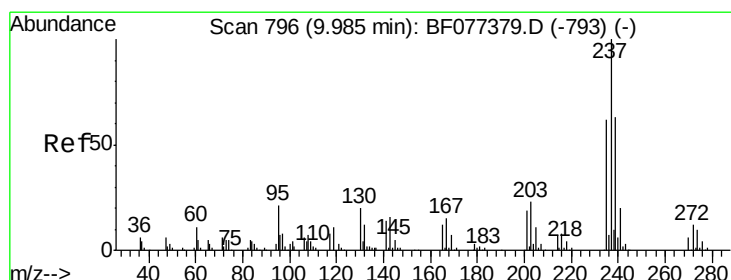
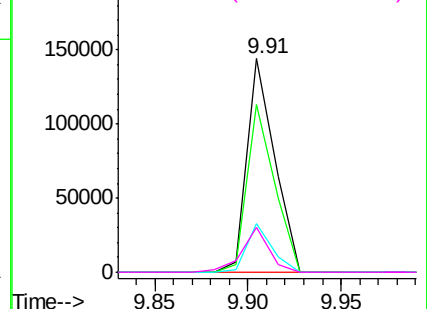


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 96.41 ng

RT: 9.89 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

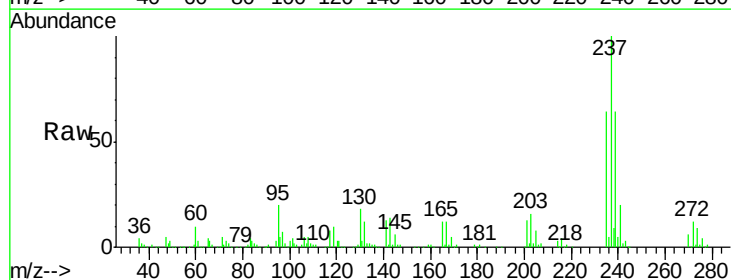
Tgt Ion: 237 Resp: 152896

Ion Ratio Lower Upper

237 100

235 63.6 41.0 81.0

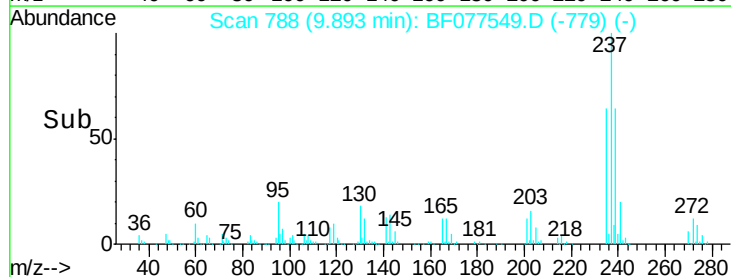
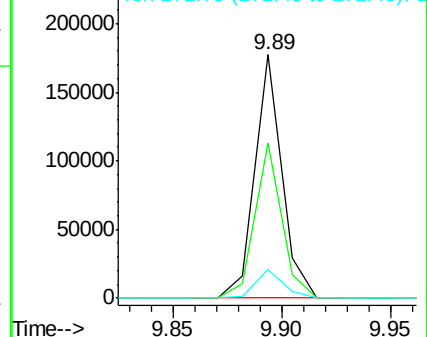
272 11.9 0.0 34.3

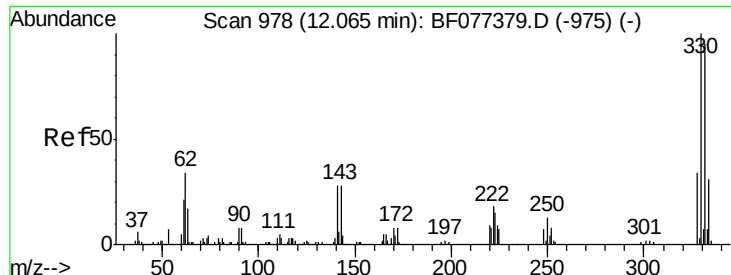


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





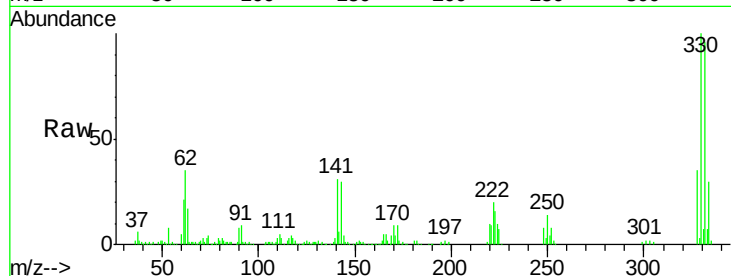
#41
 2,4,6-Tribromophenol
 Concen: 169.12 ng
 RT: 11.97 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BF077549.D
 Acq: 3 Mar 2015 16:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-01-2-27-15MSD

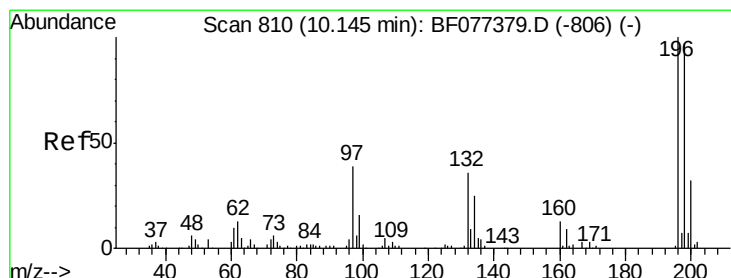
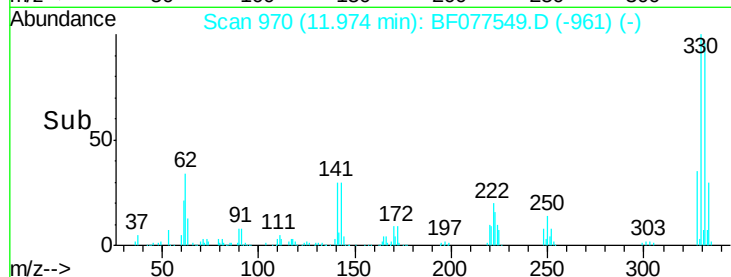
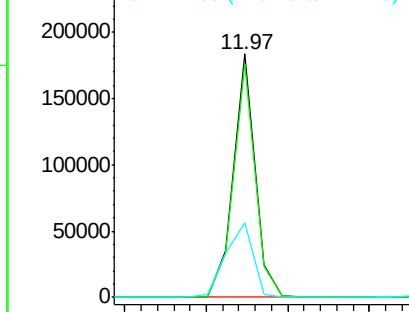
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	167850		
332	95.8	77.4	116.2	
141	38.1	28.8	43.2	

Manual Integrations
 APPROVED

mohammad
 3/4/2015 4:41:50 PM

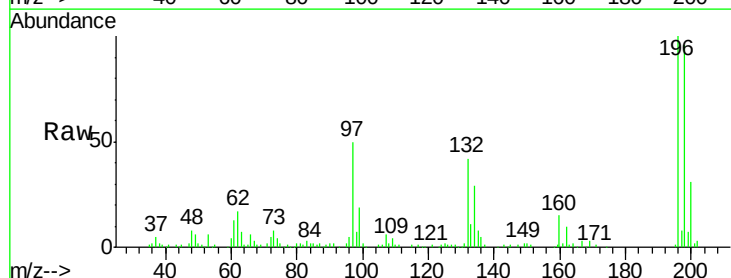


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

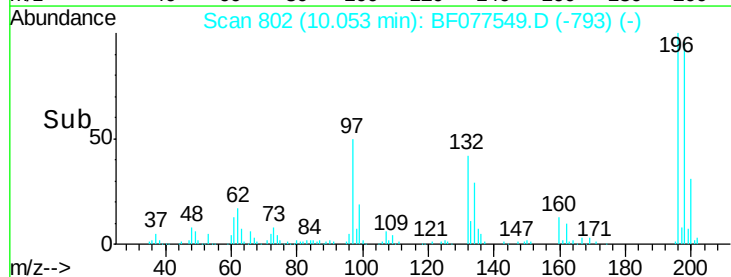
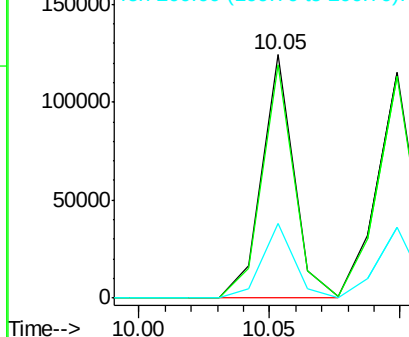


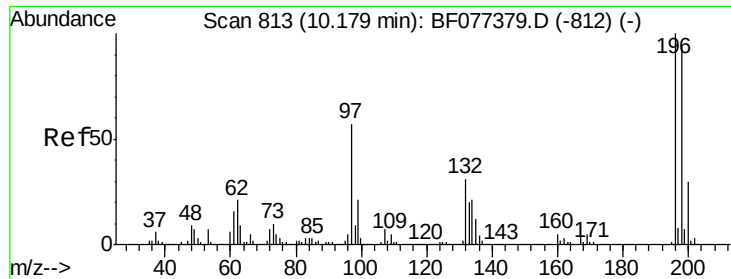
#42
 2,4,6-Trichlorophenol
 Concen: 54.25 ng
 RT: 10.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF077549.D
 Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	106261		
198	95.8	75.8	113.8	
200	30.7	24.2	36.4	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





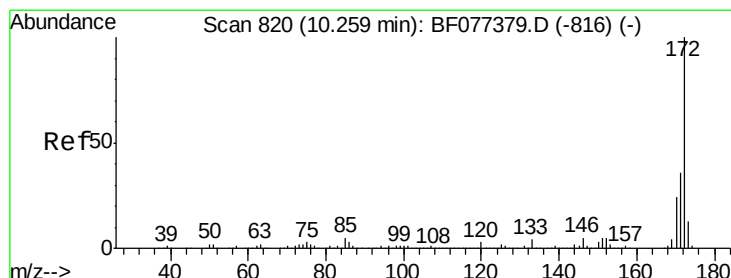
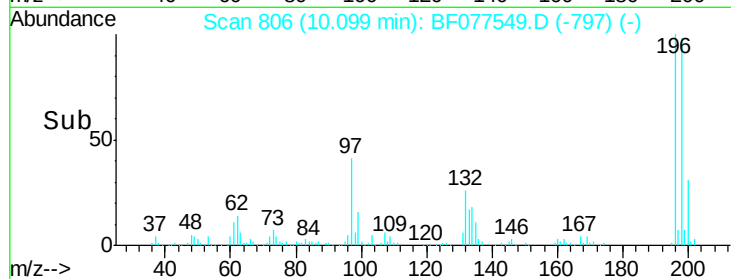
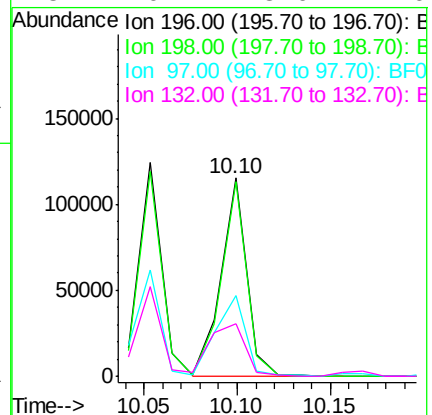
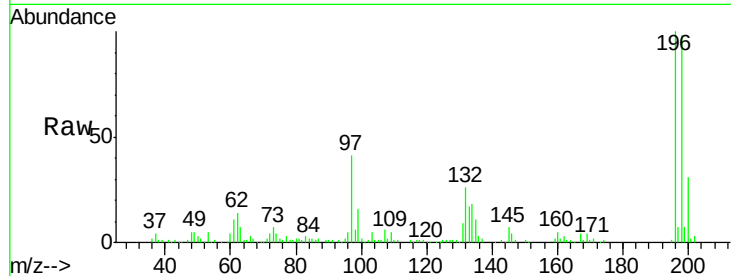
#43
 2,4,5-Trichlorophenol
 Concen: 52.82 ng
 RT: 10.10 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF077549.D
 Acq: 3 Mar 2015 16:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-01-2-27-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	110625		
198	98.4	77.2	115.8	
97	40.7	27.7	41.5	
132	26.4	18.0	27.0	

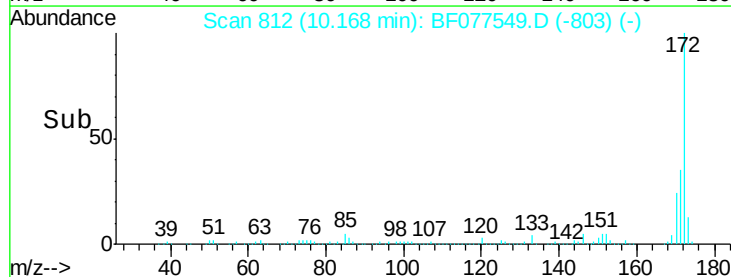
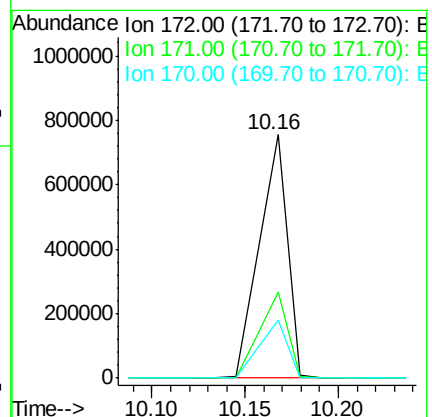
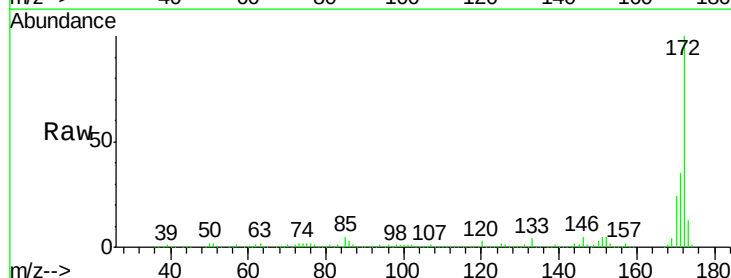
Manual Integrations
 APPROVED

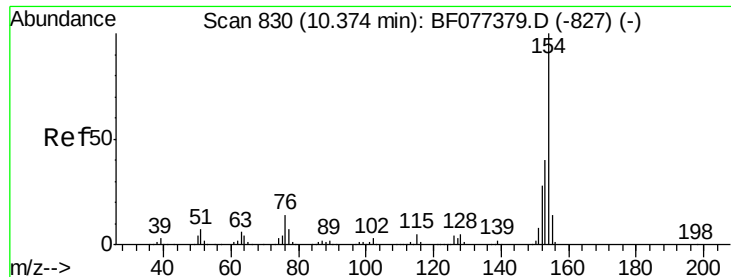
mohammad
 3/4/2015 4:41:50 PM



#44
 2-Fluorobiphenyl
 Concen: 118.19 ng
 RT: 10.16 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF077549.D
 Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	781280		
171	35.5	28.9	43.3	
170	23.9	19.4	29.2	





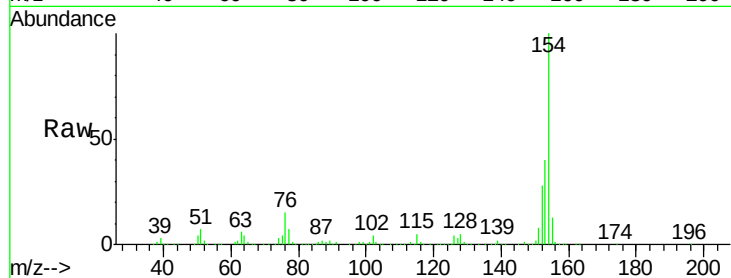
#45
1,1'-Biphenyl
Concen: 49.90 ng
RT: 10.28 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Instrument :
BNA_F
ClientSampleId :
MW-01-2-27-15MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.2	60.2
76	14.5	0.0	29.4

Manual Integrations
APPROVED

mohammad
3/4/2015 4:41:50 PM

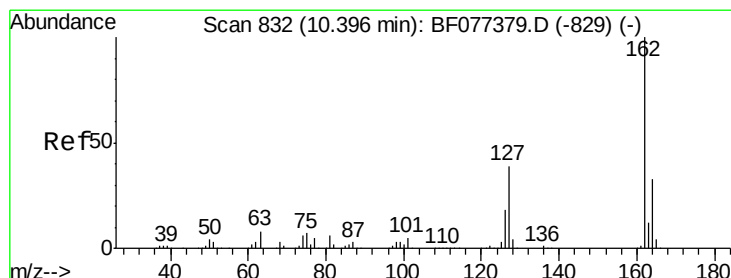
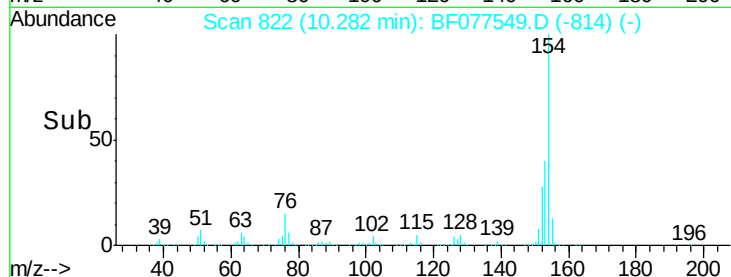
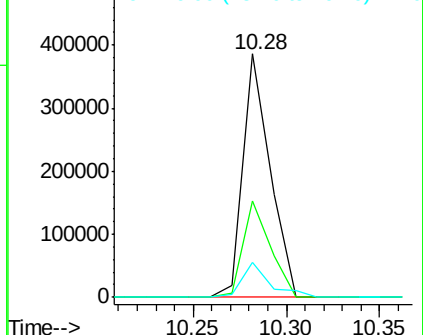


Abundance

Ion 154.00 (153.70 to 154.70): E

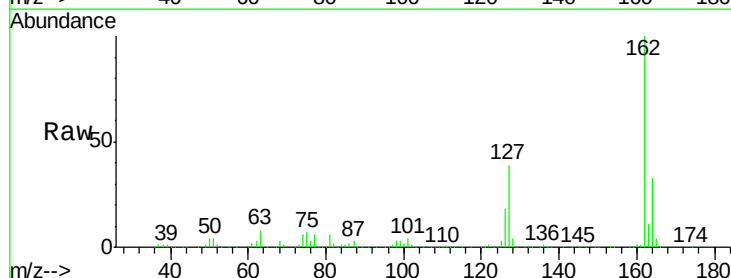
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
2-Chloronaphthalene
Concen: 53.86 ng
RT: 10.30 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.4	33.3	49.9
164	32.9	26.2	39.4

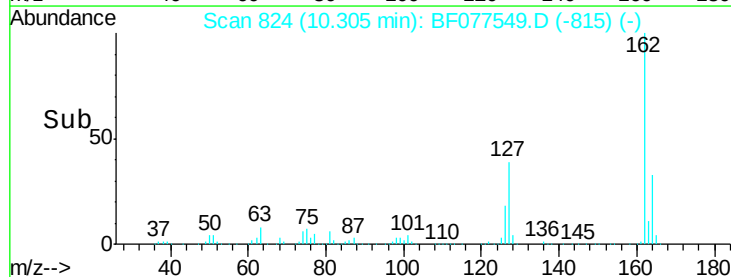
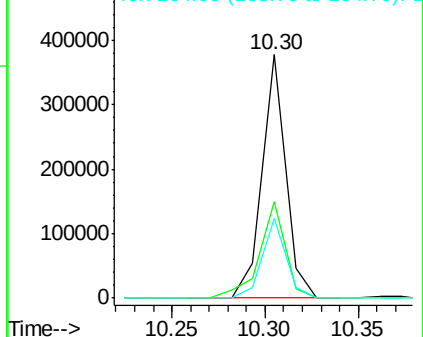


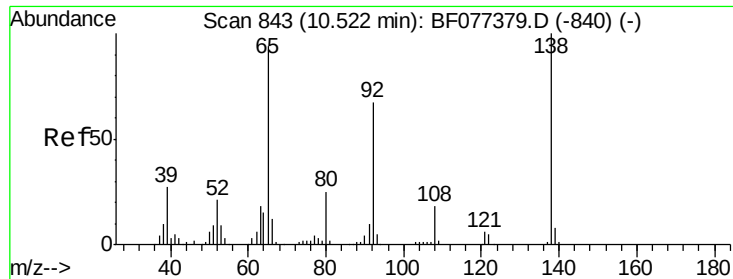
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





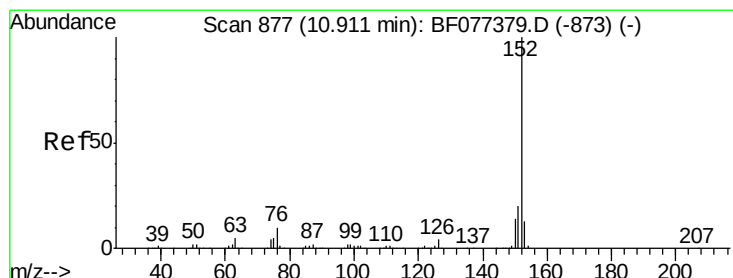
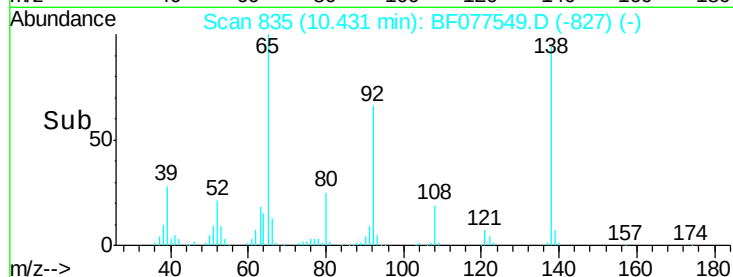
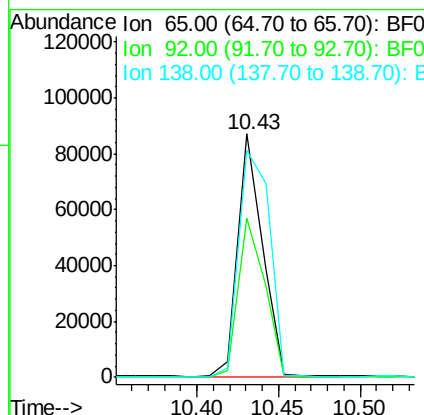
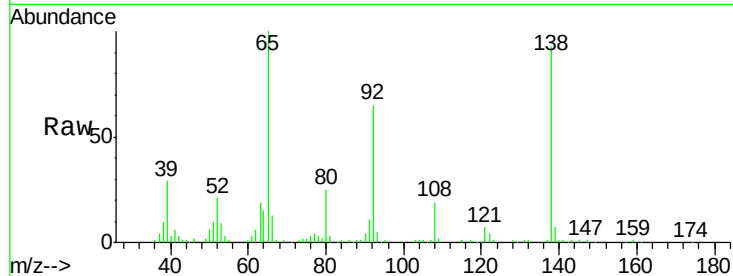
#47
2-Nitroaniline
Concen: 60.02 ng
RT: 10.43 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Instrument :
BNA_F
ClientSampleId :
MW-01-2-27-15MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.4	52.4	78.6
138	93.1	73.4	110.0

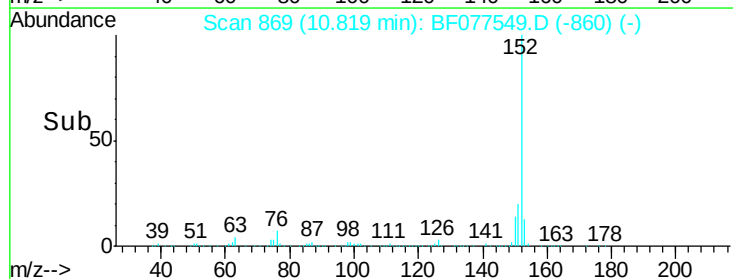
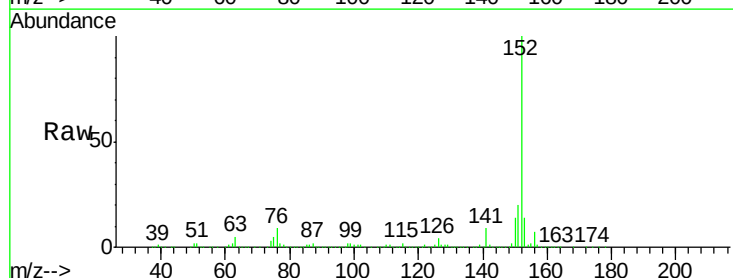
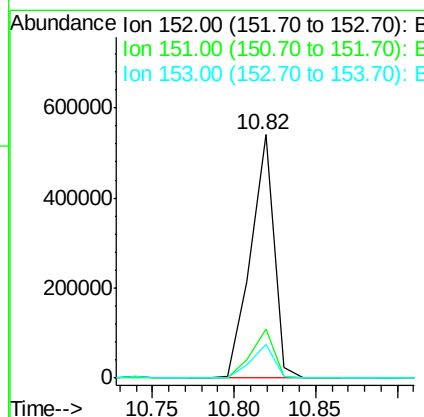
Manual Integrations
APPROVED

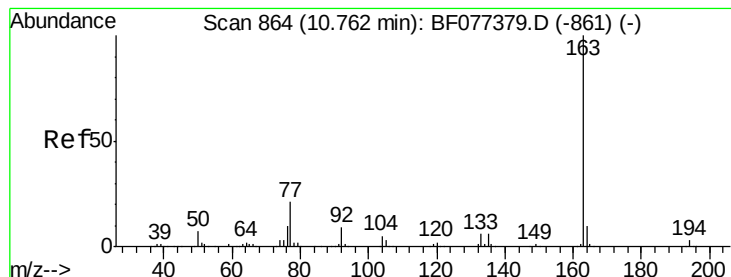
mohammad
3/4/2015 4:41:50 PM



#48
Acenaphthylene
Concen: 55.16 ng
RT: 10.82 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.8	10.9	16.3





#49

Dimethylphthalate

Concen: 55.59 ng

RT: 10.67 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF077549.D

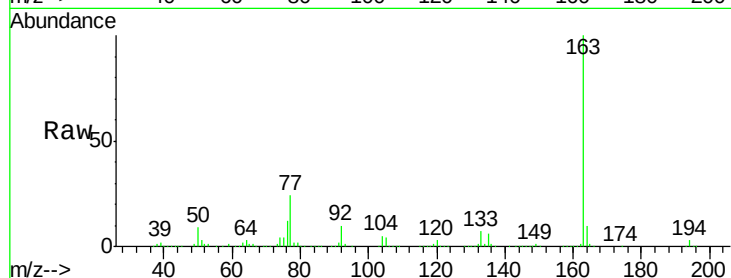
Acq: 3 Mar 2015 16:54

Instrument :

BNA_F

ClientSampleId :

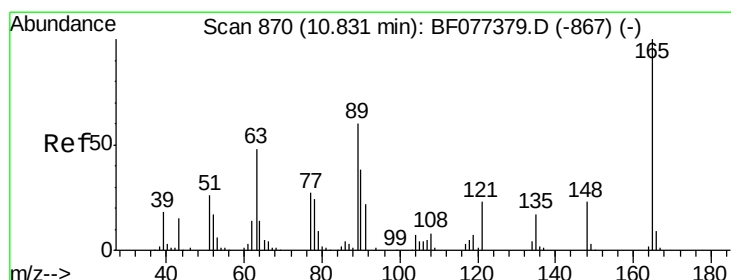
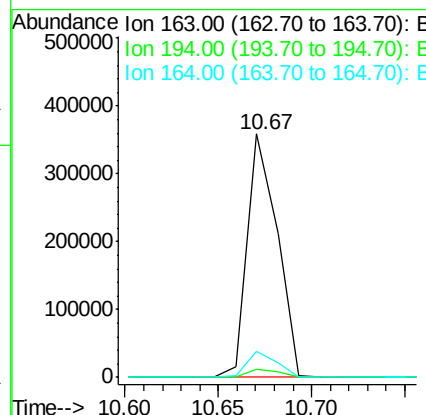
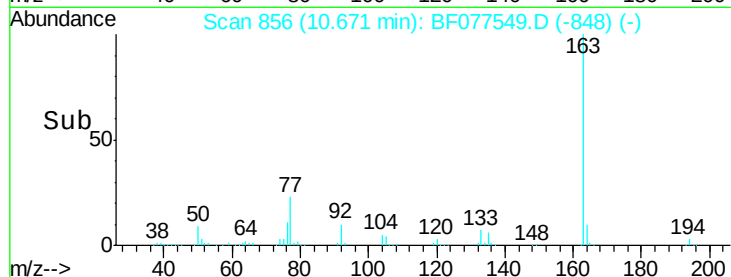
MW-01-2-27-15MSD



Tgt Ion	Ratio	Resp	Lower	Upper
163	100	402760		
194	3.4	2.6	4.0	
164	10.4	8.6	13.0	

Manual Integrations
APPROVED

mohammad
3/4/2015 4:41:50 PM



#50

2,6-Dinitrotoluene

Concen: 59.49 ng

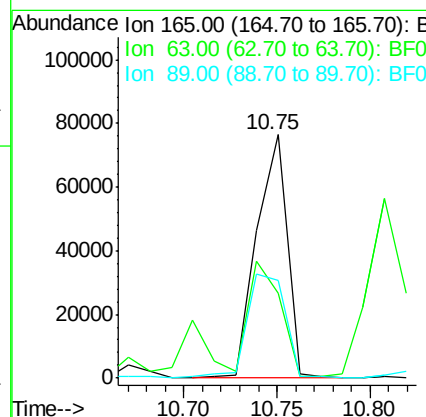
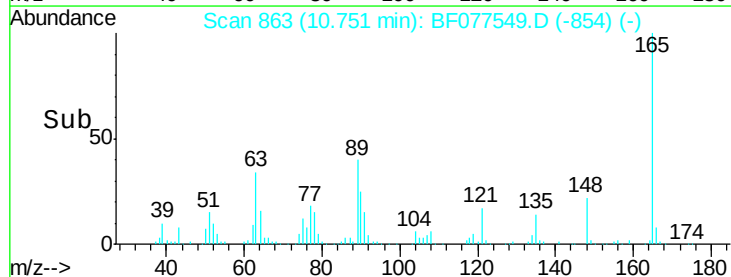
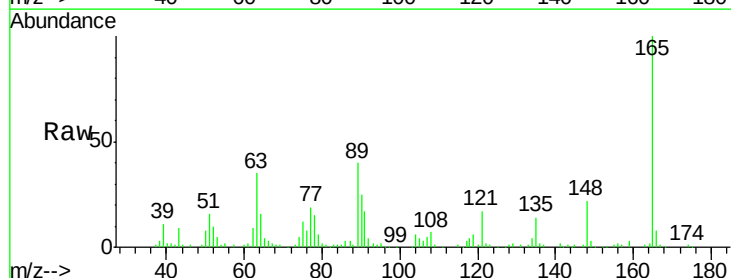
RT: 10.75 min Scan# 863

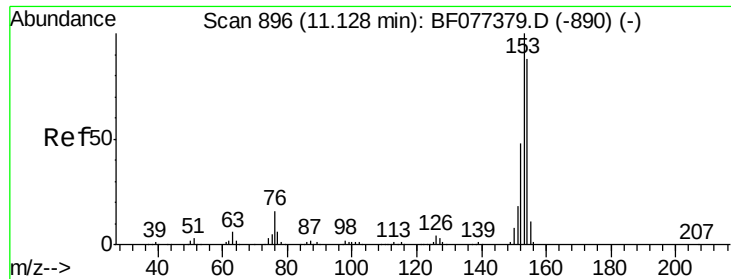
Delta R.T. -0.00 min

Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	86441		
63	34.7	25.2	37.8	
89	40.2	30.5	45.7	





#51

Acenaphthene

Concen: 54.41 ng

RT: 11.03 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

Instrument :

BNA_F

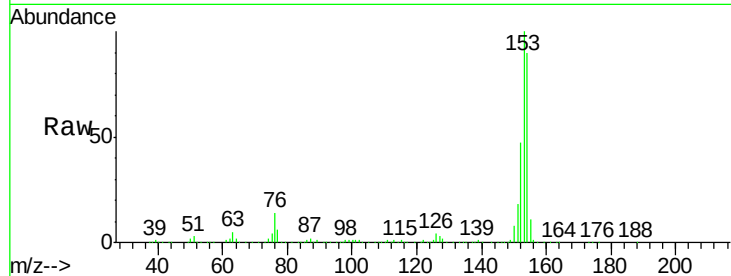
ClientSampleId :

MW-01-2-27-15MSD

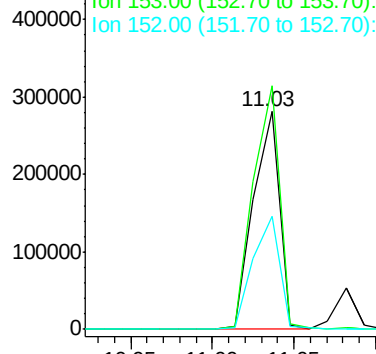
Tgt Ion:	154	Resp:	314826
Ion Ratio	Lower	Upper	
154	100		
153	111.7	90.5	135.7
152	52.1	43.5	65.3

Manual Integrations
APPROVED

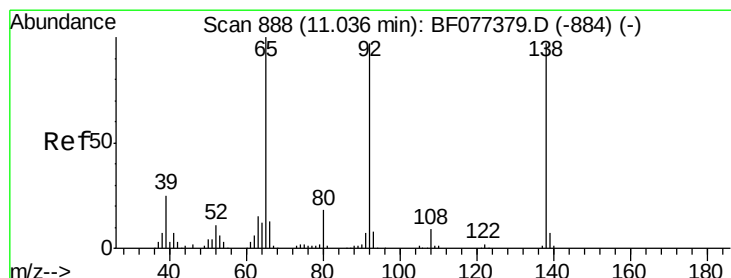
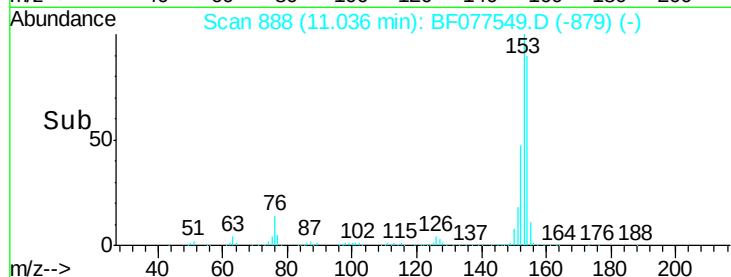
mohammad
3/4/2015 4:41:50 PM



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



Time-->



#52

3-Nitroaniline

Concen: 26.46 ng

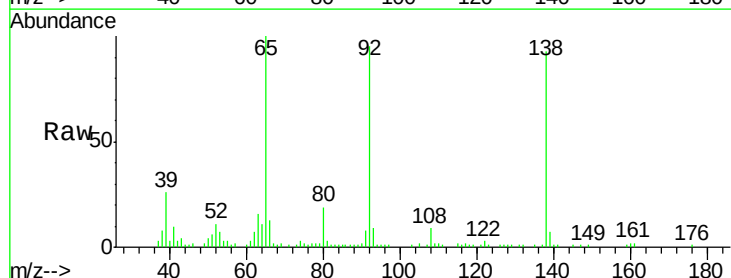
RT: 10.94 min Scan# 880

Delta R.T. -0.00 min

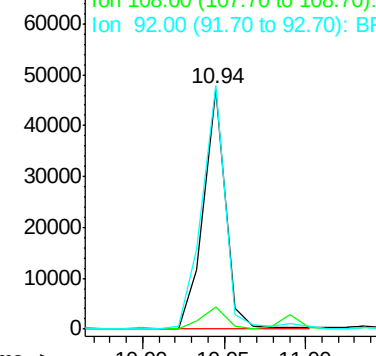
Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

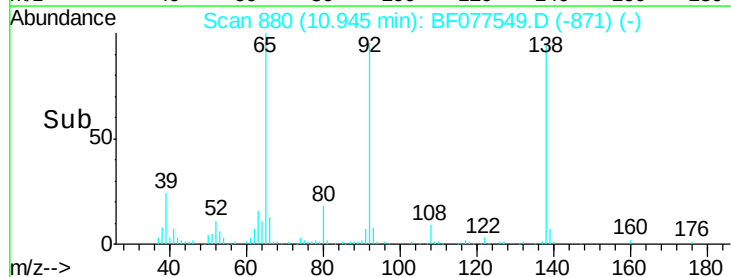
Tgt Ion:	138	Resp:	44323
Ion Ratio	Lower	Upper	
138	100		
108	9.4	7.8	11.8
92	101.4	90.6	135.8

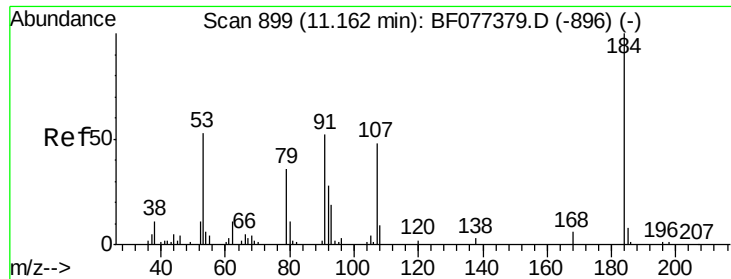


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0



Time-->





#53

2,4-Dinitrophenol

Concen: 162.64 ng

RT: 11.08 min Scan# 892

Delta R.T. -0.00 min

Lab File: BF077549.D

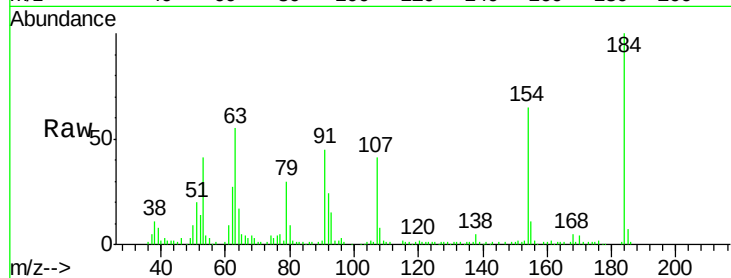
Acq: 3 Mar 2015 16:54

Instrument :

BNA_F

ClientSampleId :

MW-01-2-27-15MSD



Tgt Ion:184 Resp: 71908

Ion Ratio Lower Upper

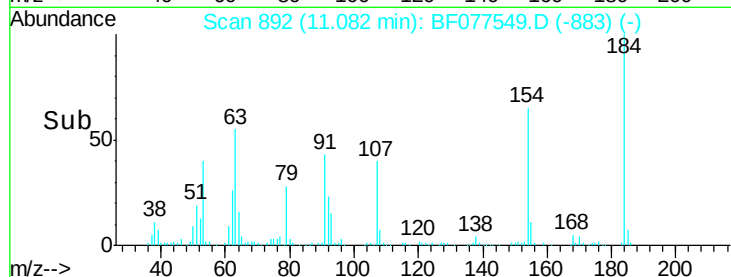
184 100

63 55.1 29.5 44.3#

154 65.3 43.2 64.8#

Manual Integrations
APPROVED

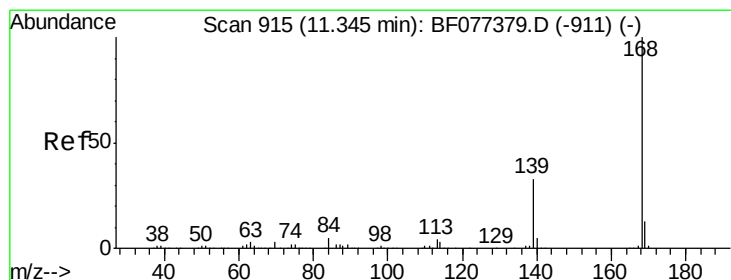
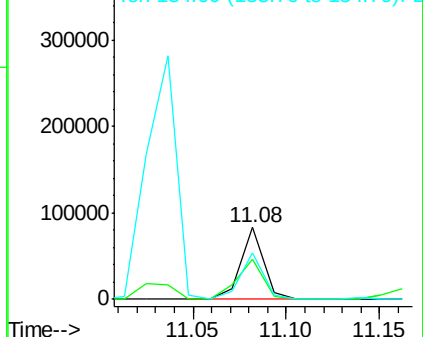
mohammad
3/4/2015 4:41:50 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 53.10 ng

RT: 11.25 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

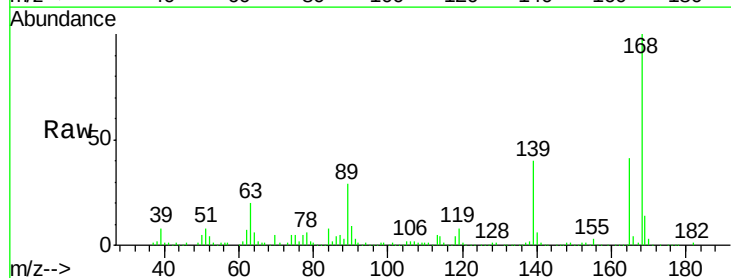
Tgt Ion:168 Resp: 474312

Ion Ratio Lower Upper

168 100

139 40.0 29.3 43.9

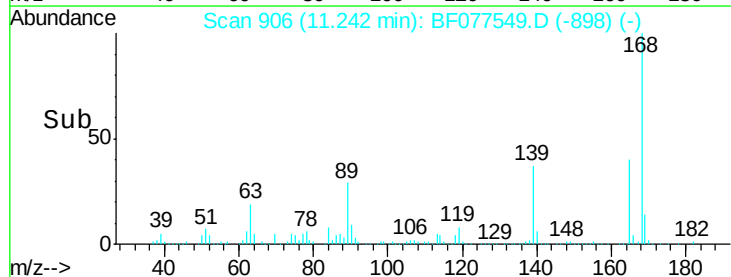
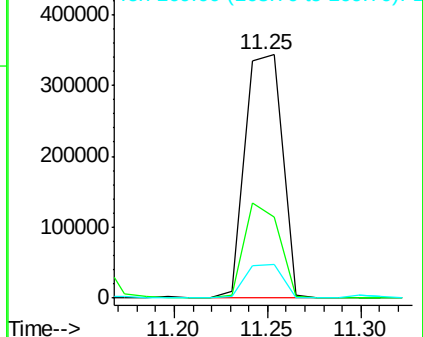
169 13.9 10.9 16.3

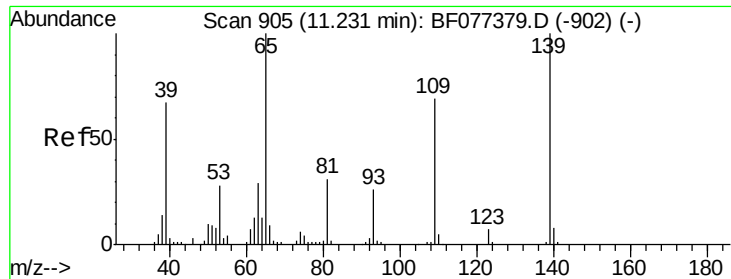


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





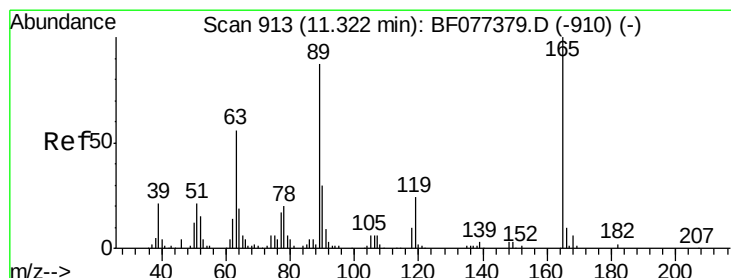
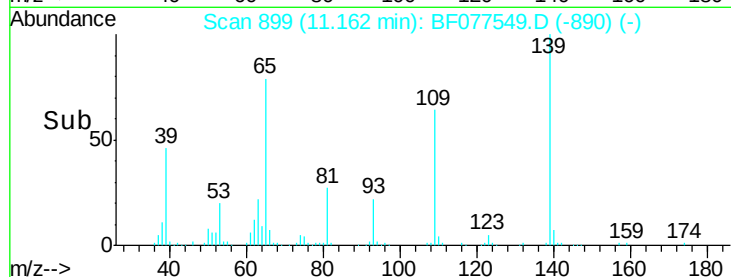
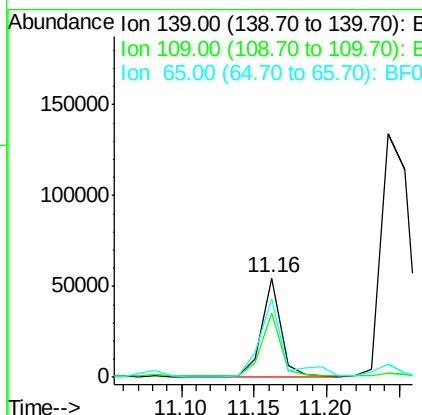
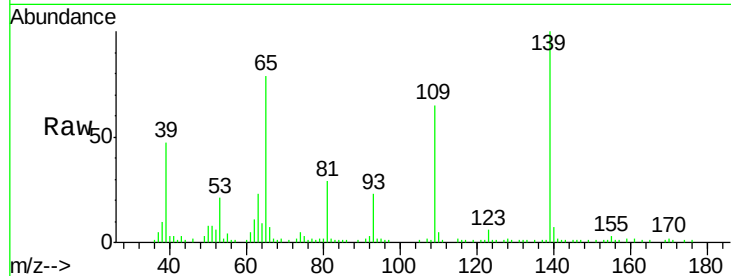
#55
4-Nitrophenol
Concen: 38.57 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Instrument :
BNA_F
ClientSampleId :
MW-01-2-27-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	51974		
109	65.2	36.2	76.2	
65	79.3	40.3	80.3	

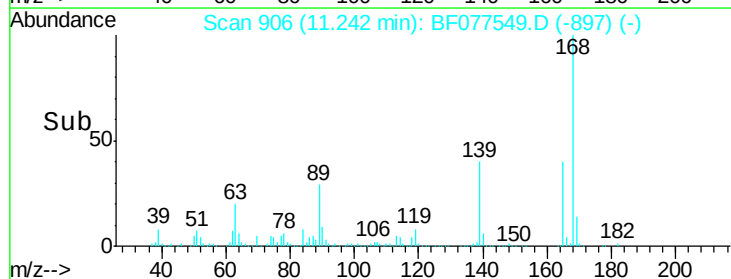
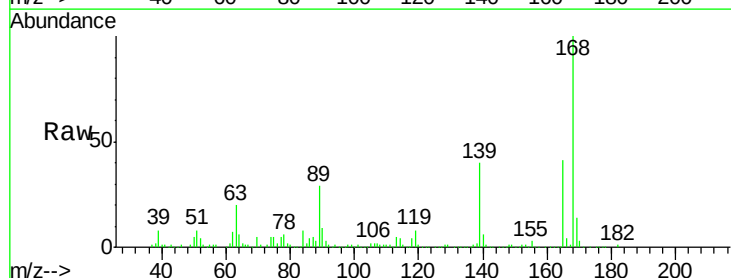
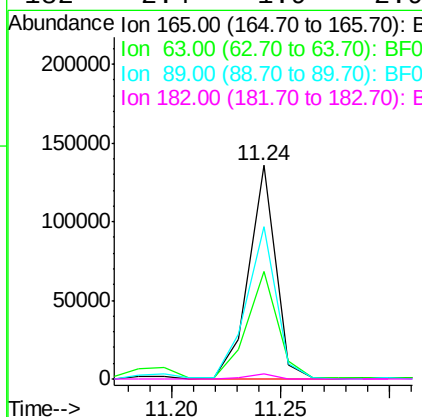
Manual Integrations
APPROVED

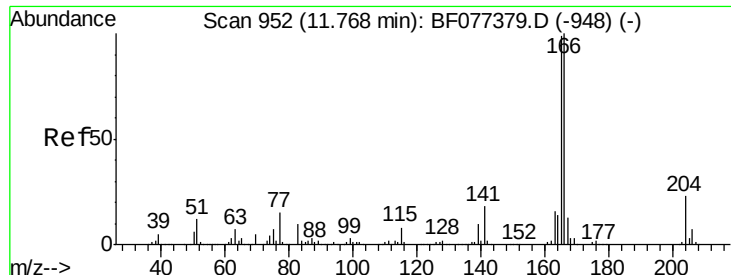
mohammad
3/4/2015 4:41:50 PM



#56
2,4-Dinitrotoluene
Concen: 59.28 ng
RT: 11.24 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	116390		
63	50.1	29.8	44.8#	
89	71.1	48.5	72.7	
182	2.4	1.9	2.9	





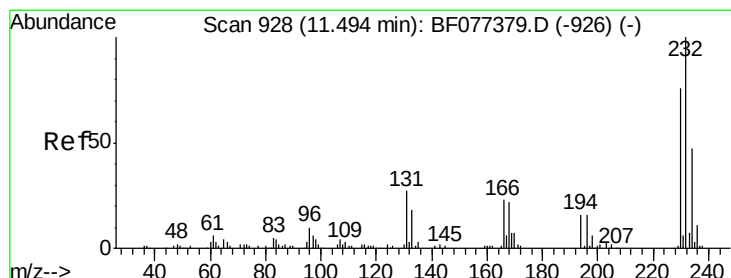
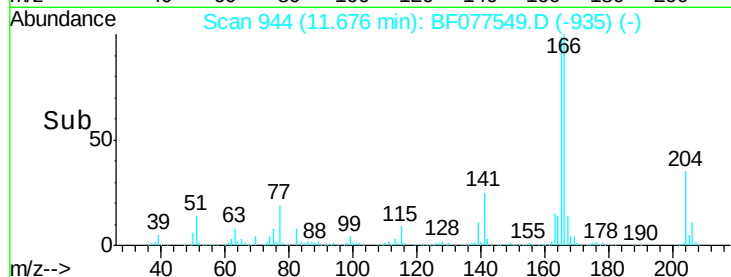
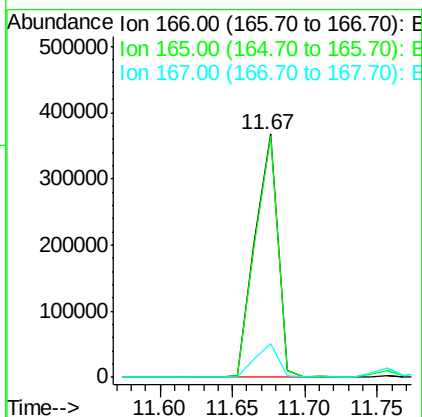
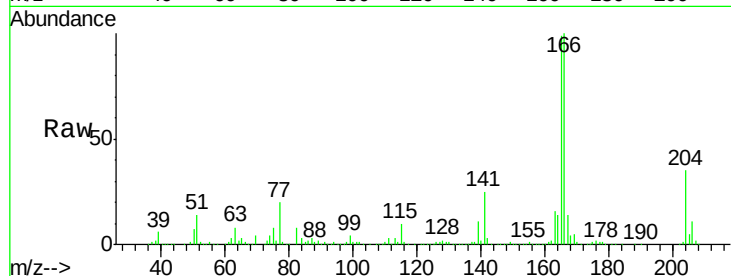
#57
Fluorene
 Concen: 56.35 ng
 RT: 11.67 min Scan# 944
 Delta R.T. -0.00 min
 Lab File: BF077549.D
 Acq: 3 Mar 2015 16:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-01-2-27-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	402456		
165	99.0		77.6	116.4
167	13.6		10.6	16.0

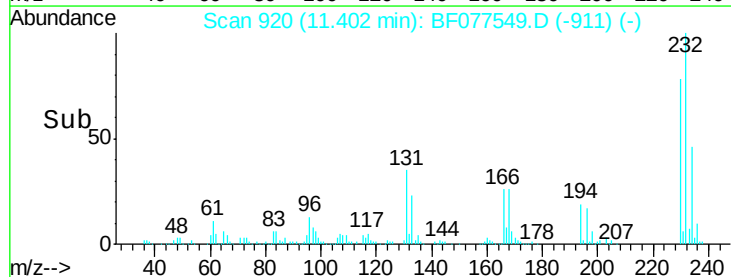
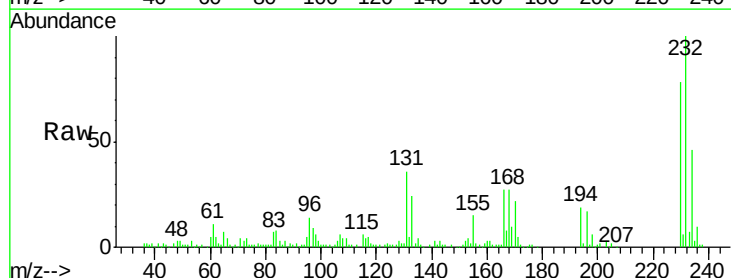
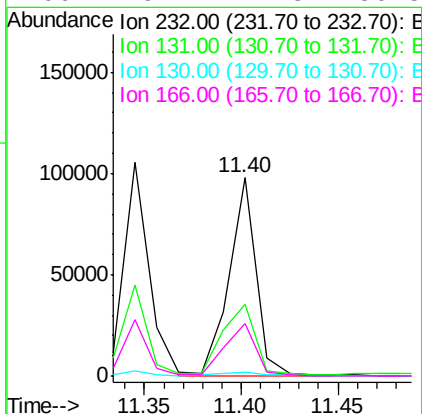
Manual Integrations
 APPROVED

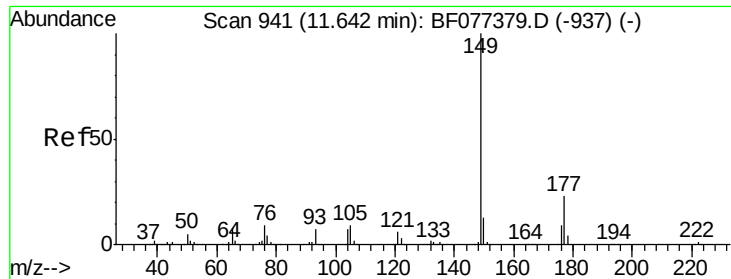
mohammad
 3/4/2015 4:41:50 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 57.68 ng m
 RT: 11.40 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BF077549.D
 Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	97127		
131	40.1		34.2	51.2
130	2.5		1.8	2.6
166	25.2		24.3	36.5





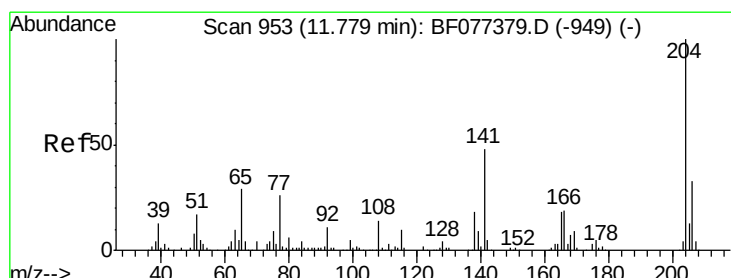
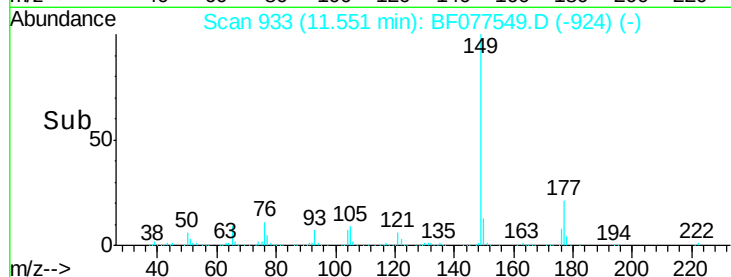
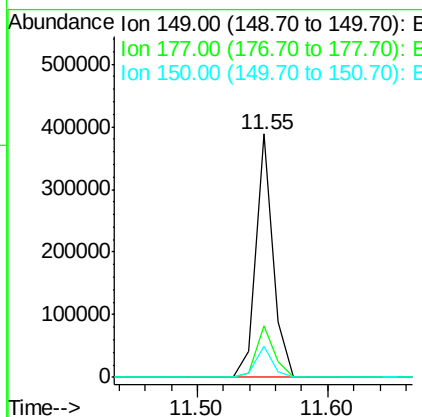
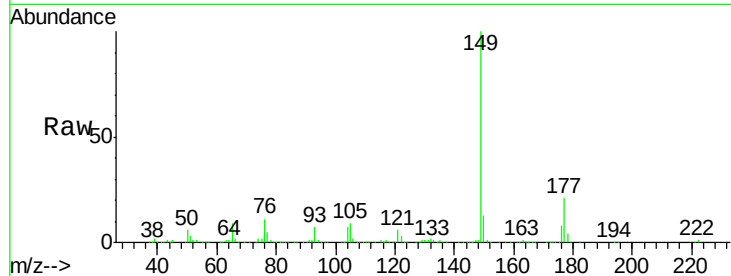
#59
Diethylphthalate
Concen: 50.31 ng
RT: 11.55 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Instrument :
BNA_F
ClientSampleId :
MW-01-2-27-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	359340		
177	21.2	17.2	25.8	
150	12.6	10.5	15.7	

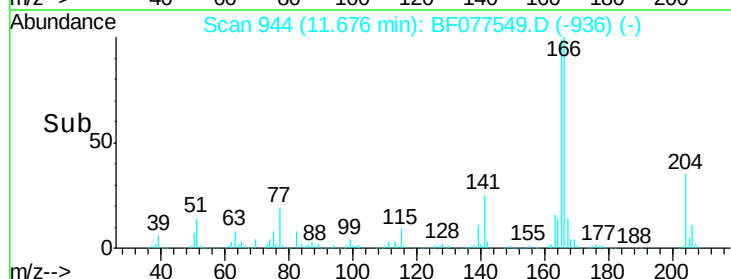
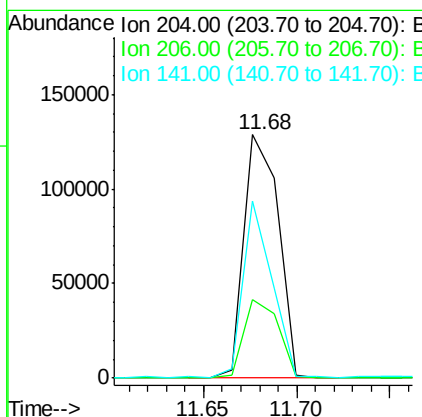
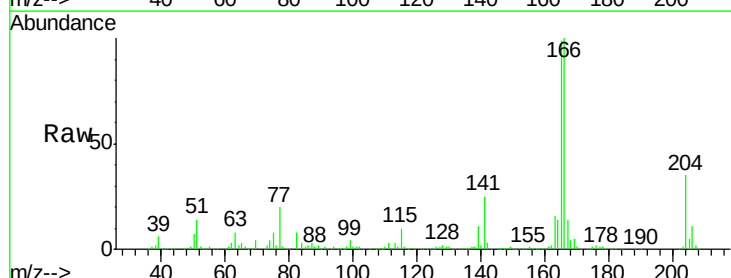
Manual Integrations
APPROVED

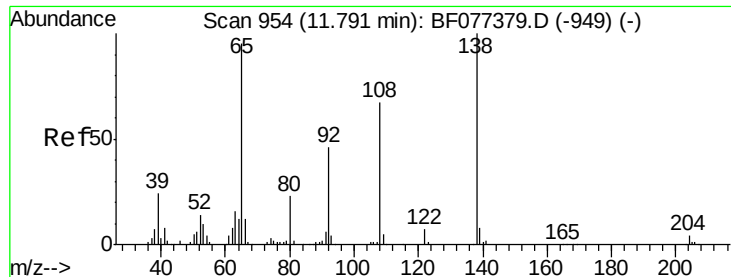
mohammad
3/4/2015 4:41:50 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.91 ng
RT: 11.68 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	164867		
206	32.4	25.9	38.9	
141	72.6	43.6	65.4	





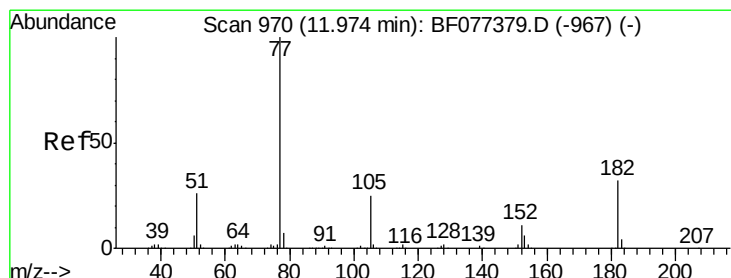
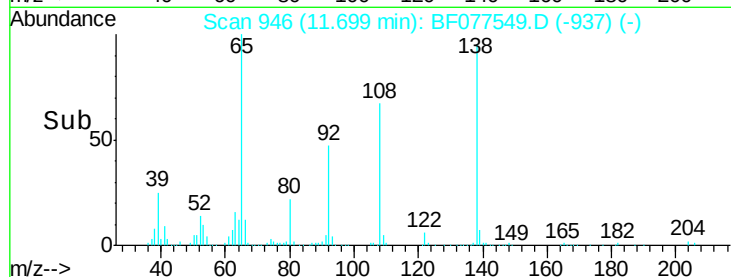
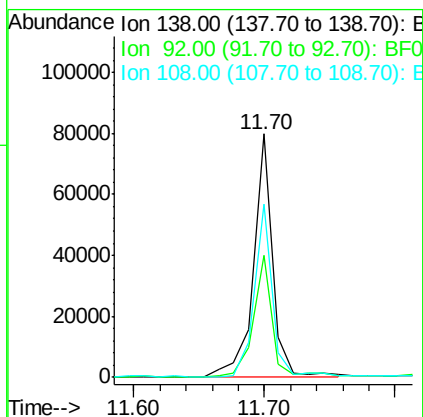
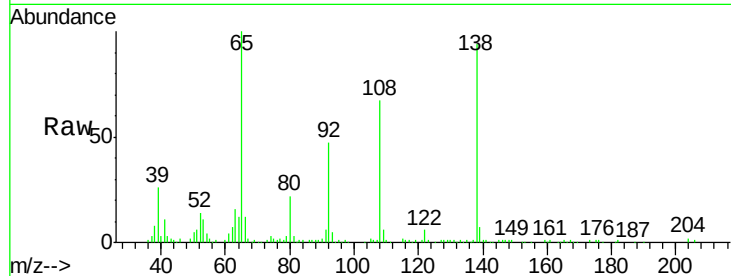
#61
4-Nitroaniline
Concen: 51.39 ng
RT: 11.70 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Instrument :
BNA_F
ClientSampleId :
MW-01-2-27-15MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	32.8	72.8
108	71.0	52.1	92.1

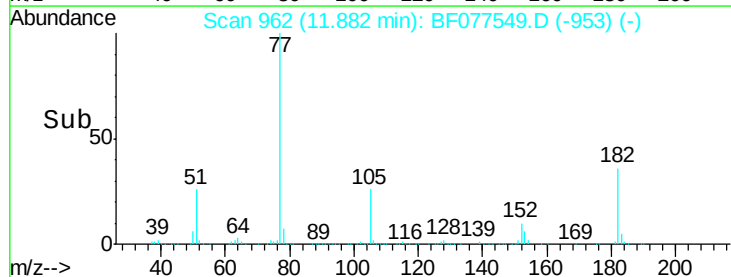
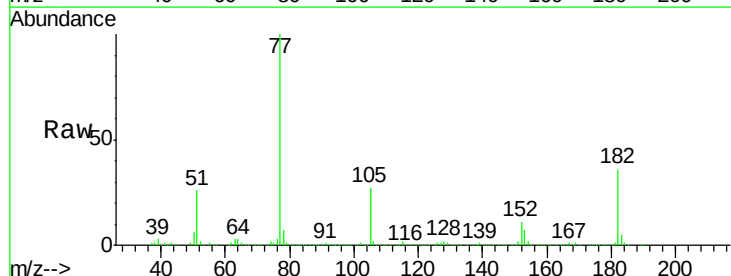
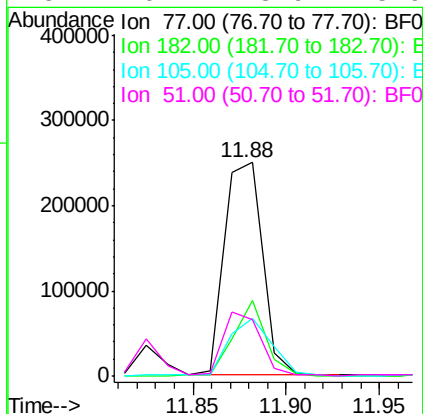
Manual Integrations
APPROVED

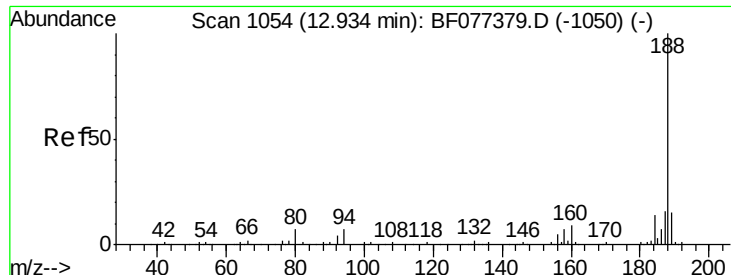
mohammad
3/4/2015 4:41:50 PM



#62
Azobenzene
Concen: 52.82 ng
RT: 11.88 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Lower	Upper
77	100		
182	35.6	4.9	44.9
105	26.8	3.3	43.3
51	26.2	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.83 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

Instrument :

BNA_F

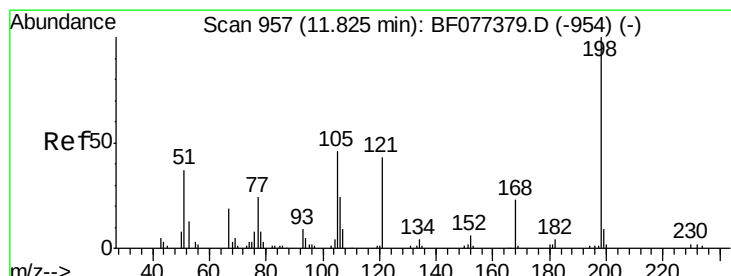
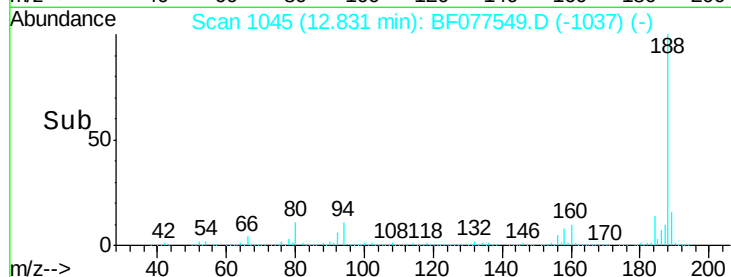
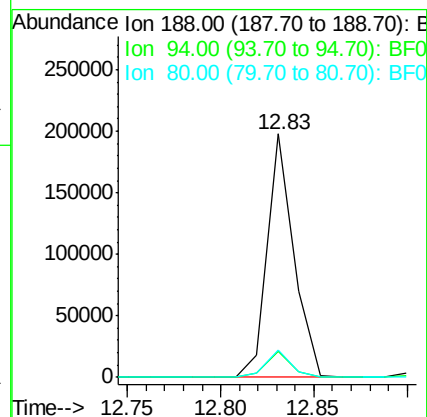
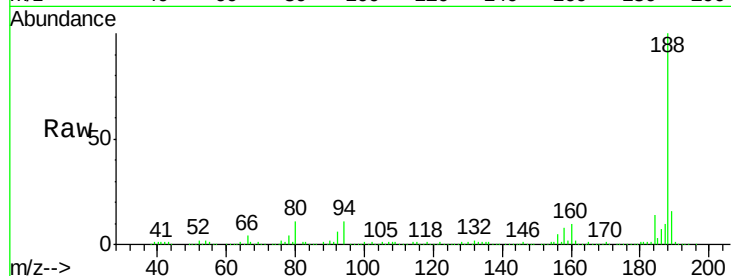
ClientSampleId :

MW-01-2-27-15MSD

Tgt Ion:	188	Resp:	197361
Ion Ratio	Lower	Upper	
188	100		
94	10.7	7.4	11.2
80	11.4	8.0	12.0

Manual Integrations
APPROVED

mohammad
3/4/2015 4:41:50 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 62.21 ng

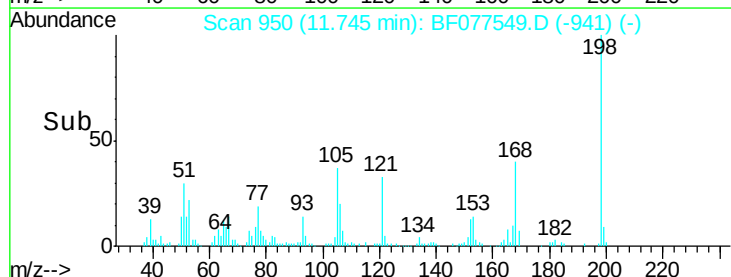
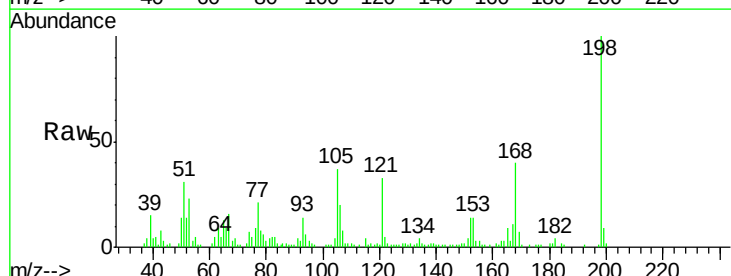
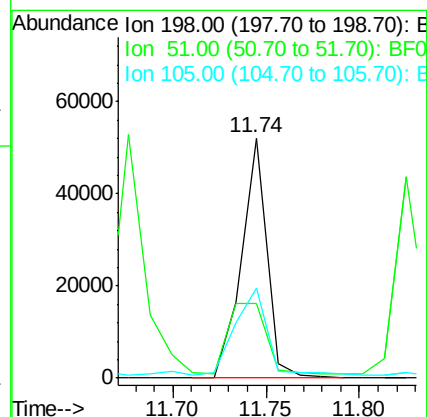
RT: 11.74 min Scan# 950

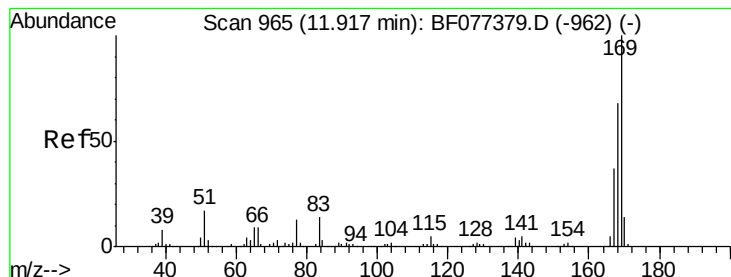
Delta R.T. -0.00 min

Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

Tgt Ion:	198	Resp:	49930
Ion Ratio	Lower	Upper	
198	100		
51	31.1	2.7	42.7
105	37.5	10.0	50.0





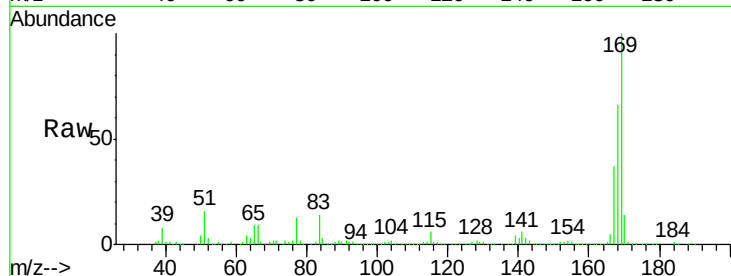
#65
n-Nitrosodiphenylamine
Concen: 50.49 ng
RT: 11.83 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Instrument :
BNA_F
ClientSampleId :
MW-01-2-27-15MSD

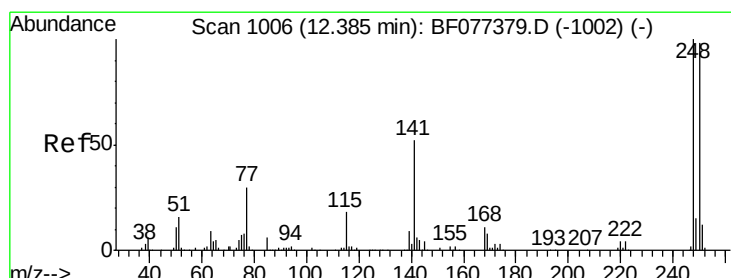
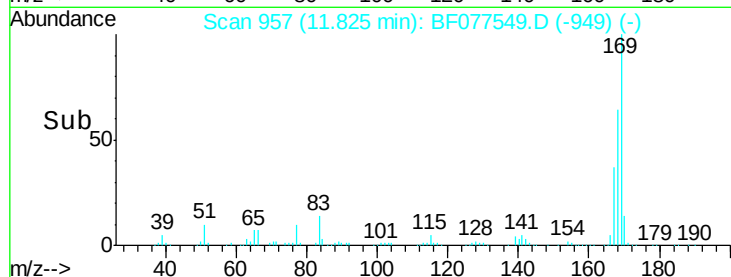
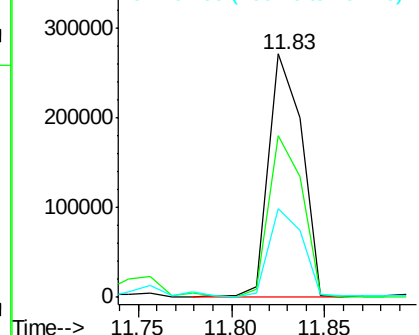
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	330649		
168	66.2	53.0	79.6	
167	36.7	29.5	44.3	

Manual Integrations
APPROVED

mohammad
3/4/2015 4:41:50 PM

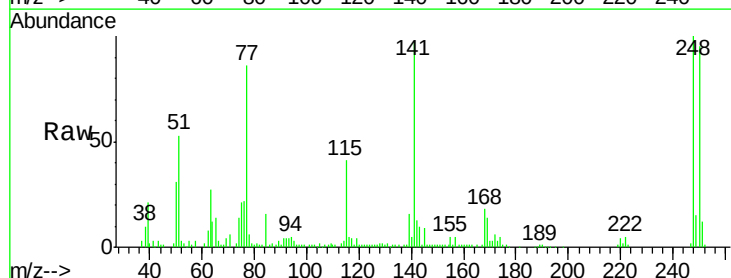


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

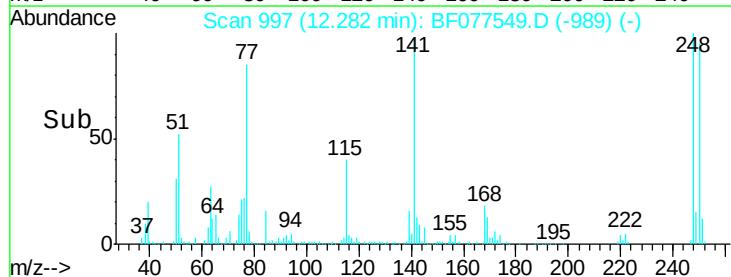
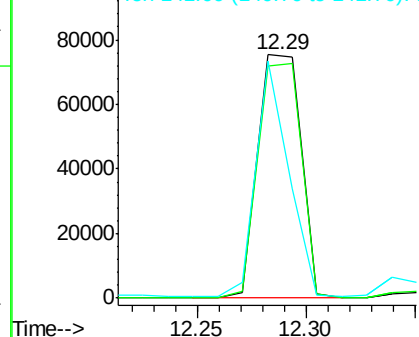


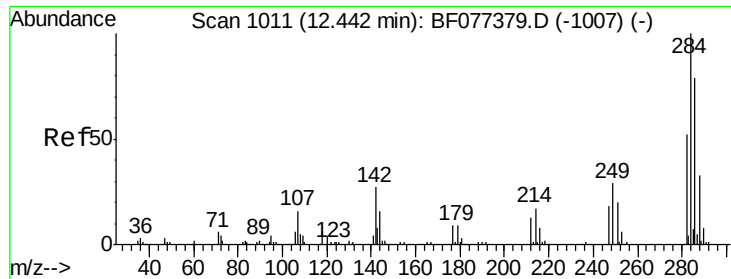
#66
4-Bromophenyl-phenylether
Concen: 45.47 ng
RT: 12.29 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	105082		
250	95.5	78.0	117.0	
141	97.3	54.1	81.1#	



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





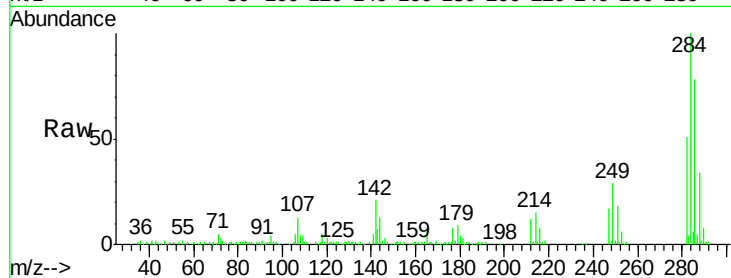
#67
Hexachlorobenzene
Concen: 47.42 ng
RT: 12.35 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Instrument :
BNA_F
ClientSampleId :
MW-01-2-27-15MSD

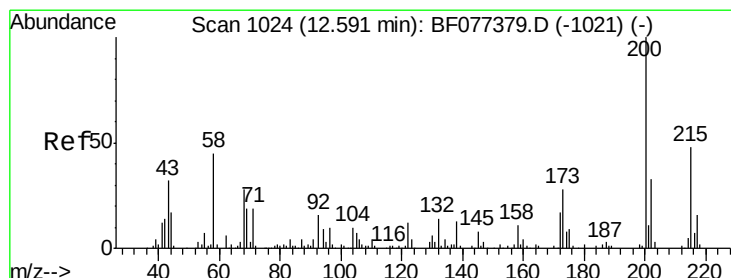
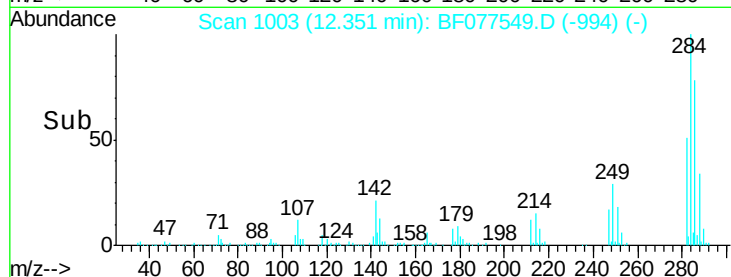
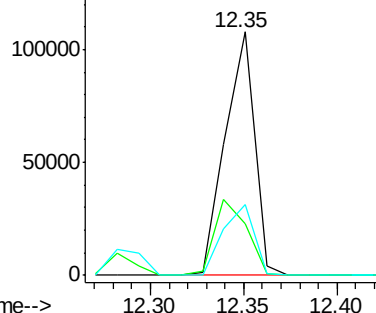
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	117623		
142	21.3	31.6	47.4#	
249	29.2	27.0	40.4	

Manual Integrations
APPROVED

mohammad
3/4/2015 4:41:50 PM

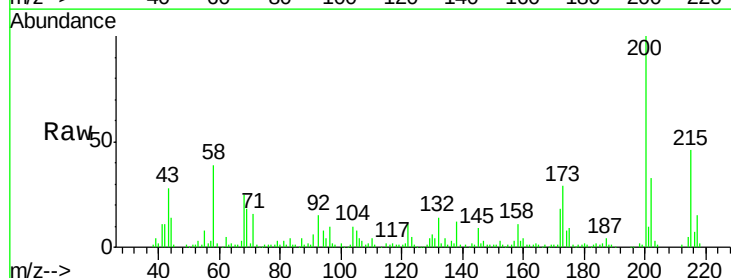


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

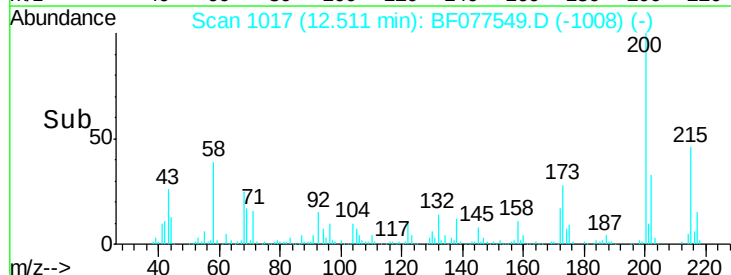
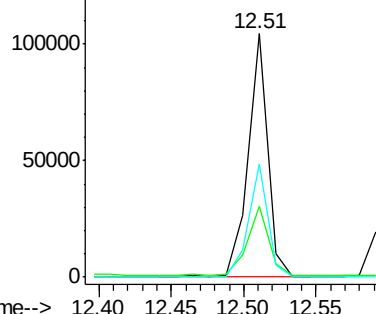


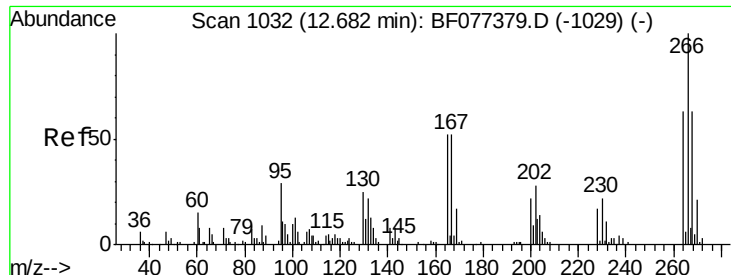
#68
Atrazine
Concen: 45.87 ng
RT: 12.51 min Scan# 1017
Delta R.T. 0.01 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	97651		
173	29.0	9.6	49.6	
215	46.4	24.4	64.4	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





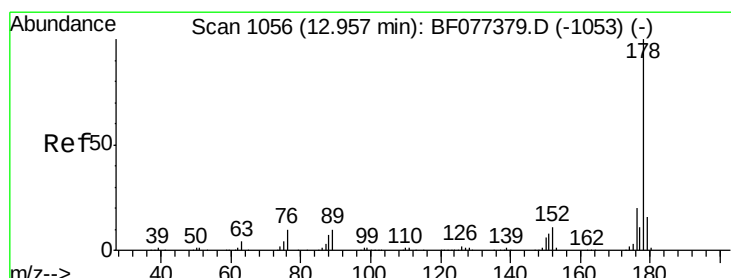
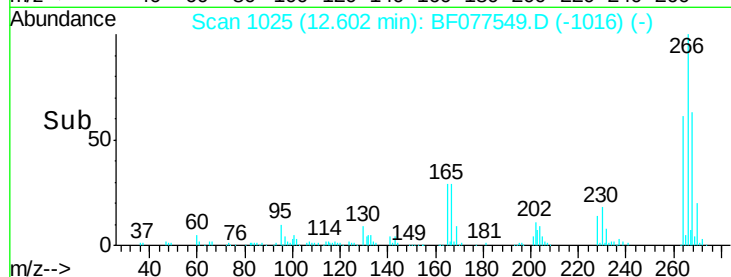
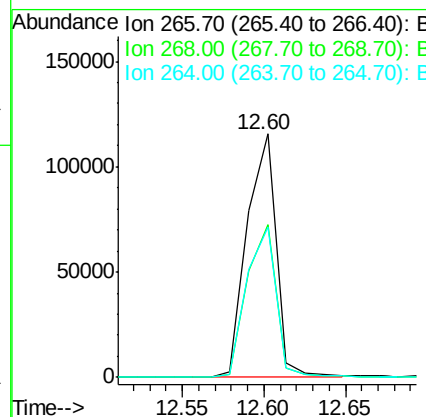
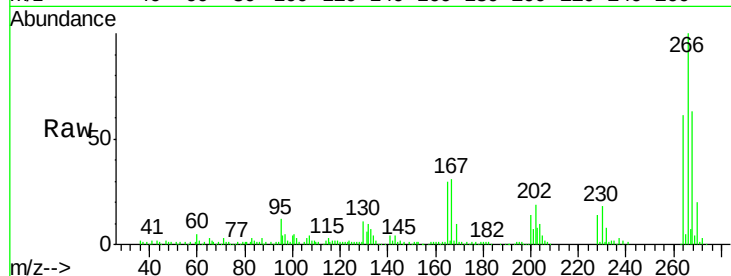
#69
 Pentachlorophenol
 Concen: 109.95 ng
 RT: 12.60 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF077549.D
 Acq: 3 Mar 2015 16:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-01-2-27-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	143347		
268	62.5	51.2	76.8	
264	61.4	50.7	76.1	

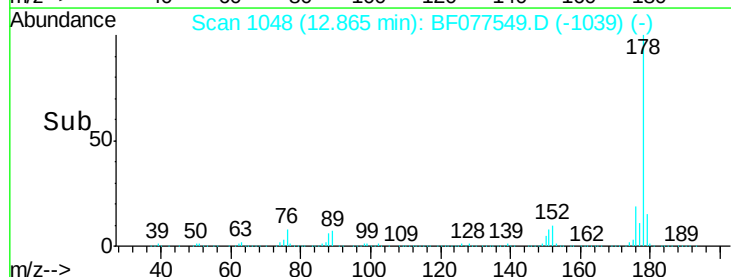
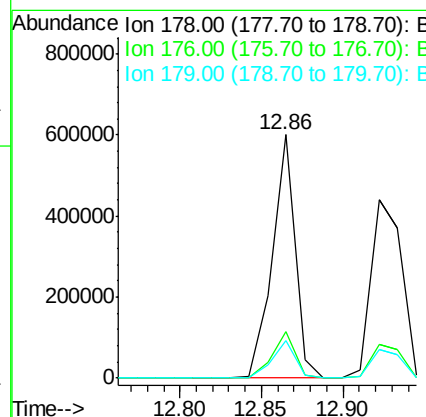
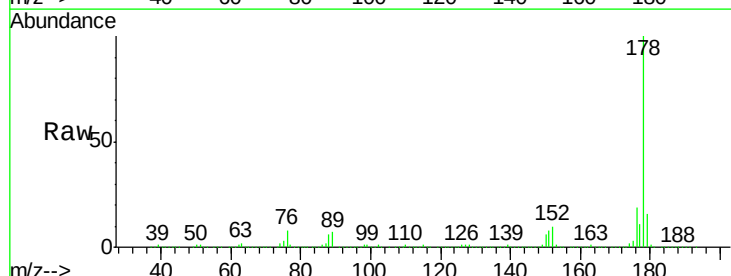
Manual Integrations
 APPROVED

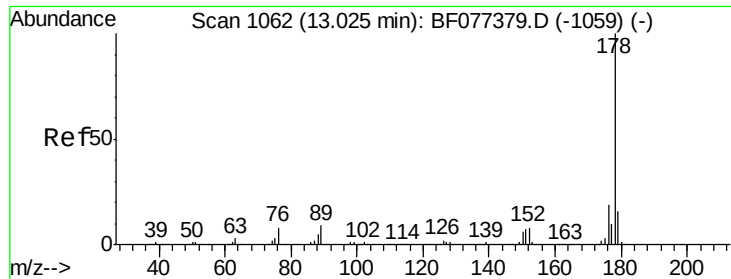
mohammad
 3/4/2015 4:41:50 PM



#70
 Phenanthrene
 Concen: 50.99 ng
 RT: 12.86 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BF077549.D
 Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	583250		
176	19.1	15.5	23.3	
179	15.5	12.2	18.2	





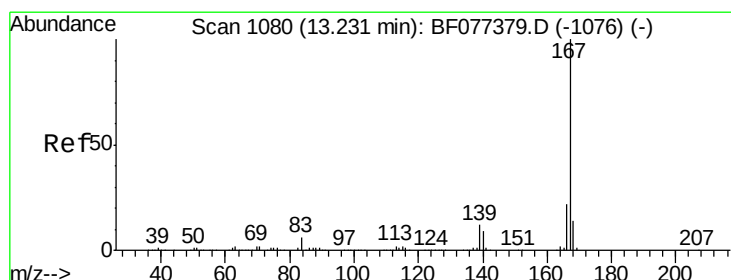
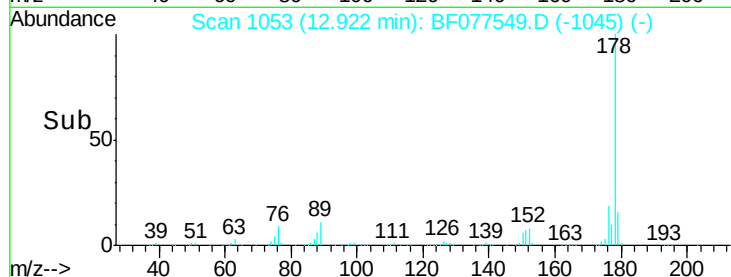
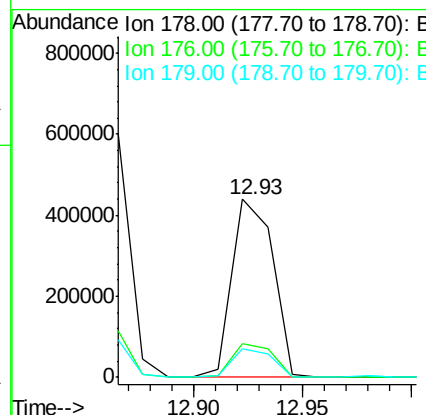
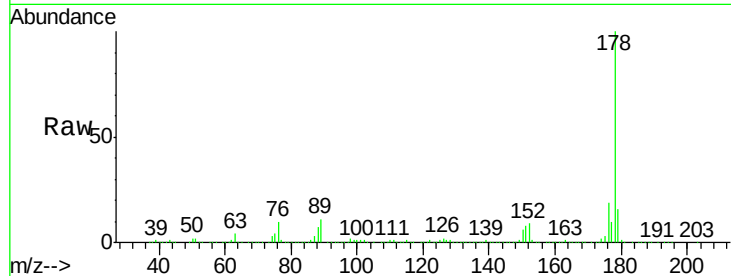
#71
 Anthracene
 Concen: 50.54 ng
 RT: 12.93 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF077549.D
 Acq: 3 Mar 2015 16:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-01-2-27-15MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	15.8	12.9	19.3

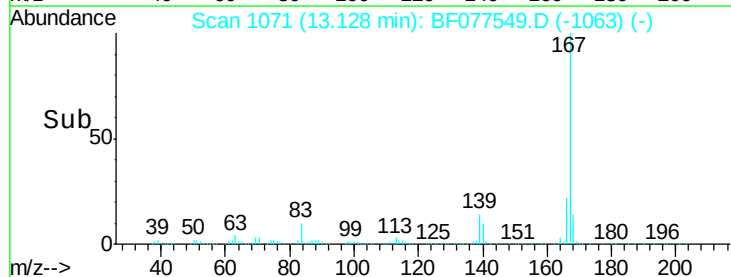
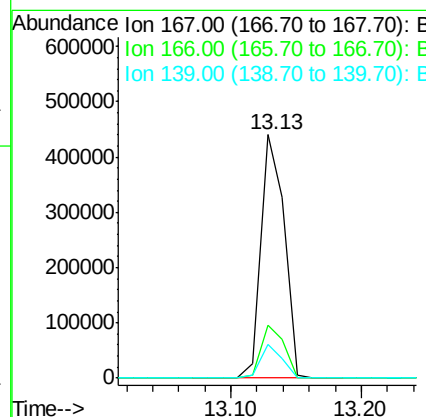
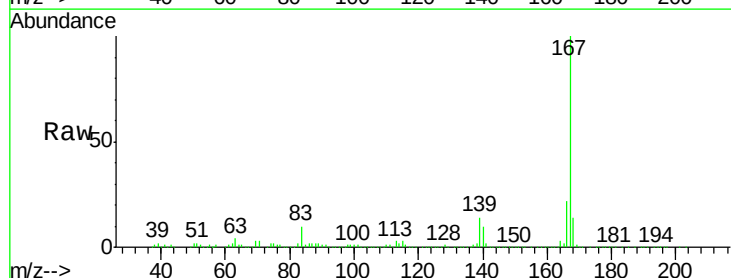
Manual Integrations
 APPROVED

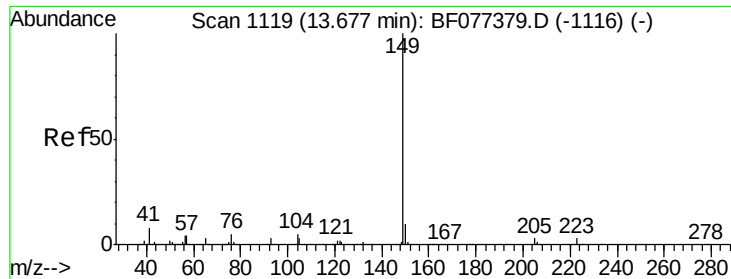
mohammad
 3/4/2015 4:41:50 PM



#72
 Carbazole
 Concen: 50.90 ng
 RT: 13.13 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BF077549.D
 Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	13.7	9.9	14.9





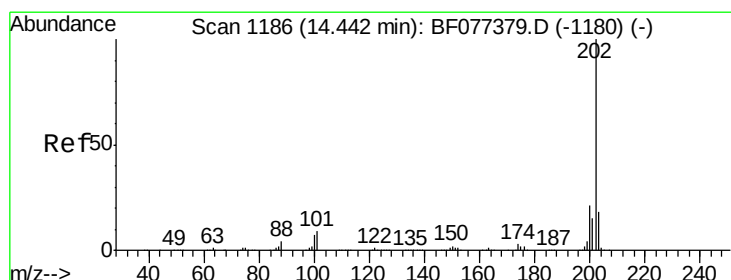
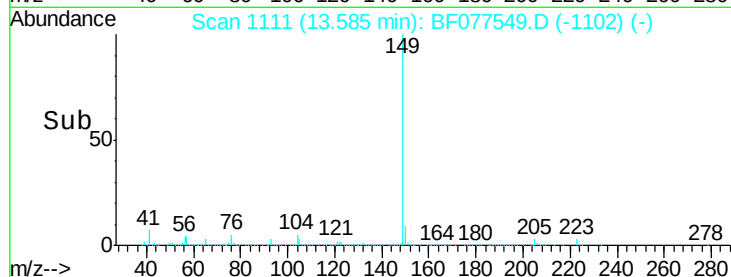
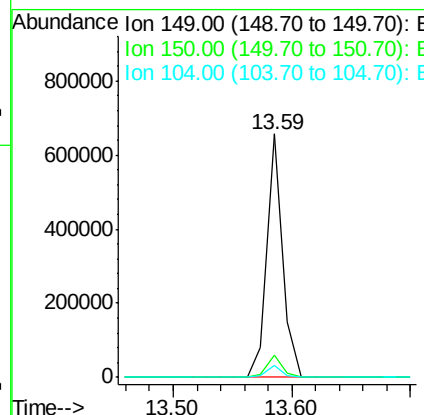
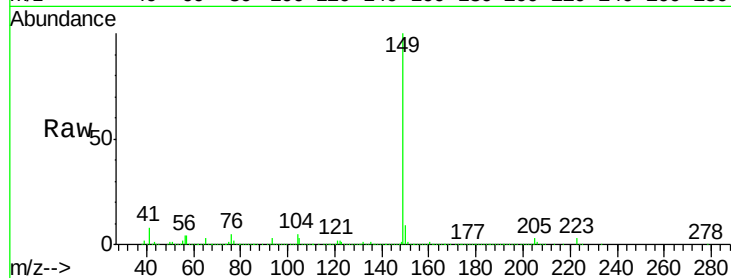
#73
Di-n-butylphthalate
Concen: 48.20 ng
RT: 13.59 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Instrument :
BNA_F
ClientSampleId :
MW-01-2-27-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	610932		
150	9.3	7.8	11.8	
104	4.7	4.1	6.1	

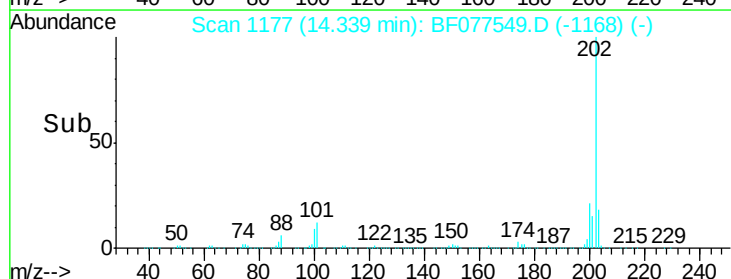
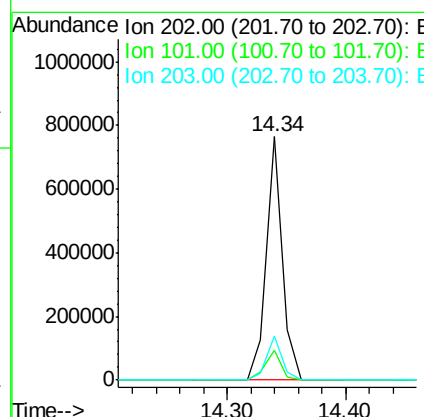
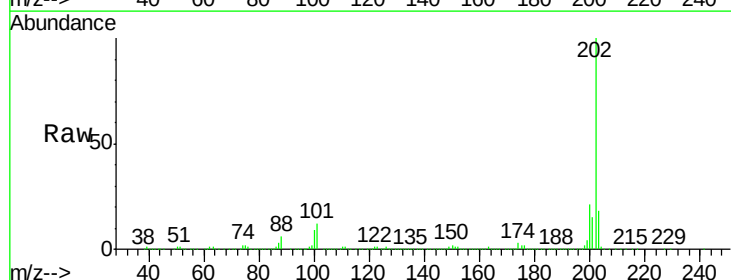
Manual Integrations
APPROVED

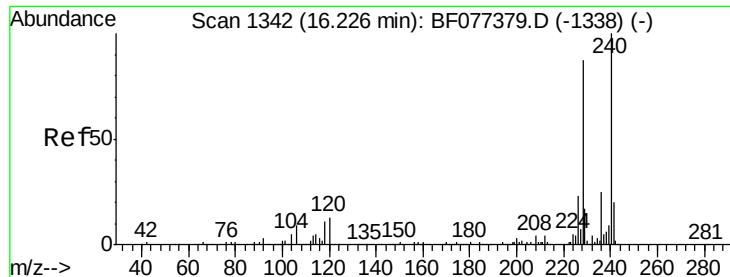
mohammad
3/4/2015 4:41:50 PM



#74
Fluoranthene
Concen: 57.83 ng
RT: 14.34 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	722570		
101	12.3	0.0	30.8	
203	18.0	0.0	37.7	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.15 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

Instrument :

BNA_F

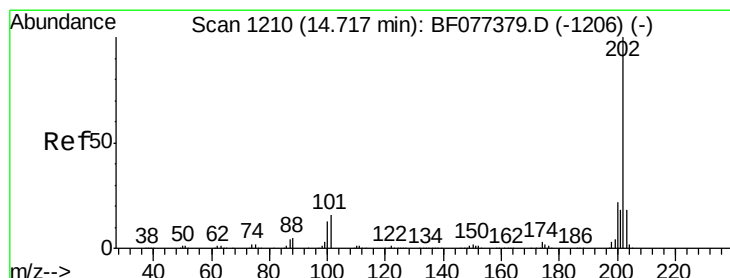
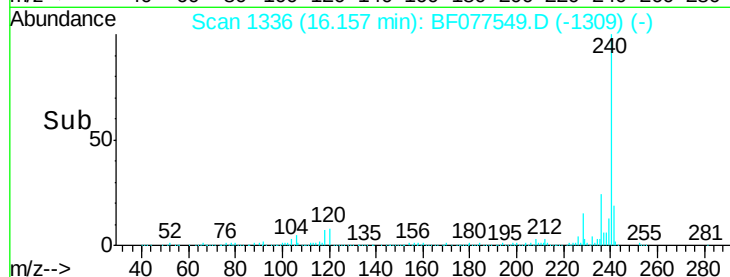
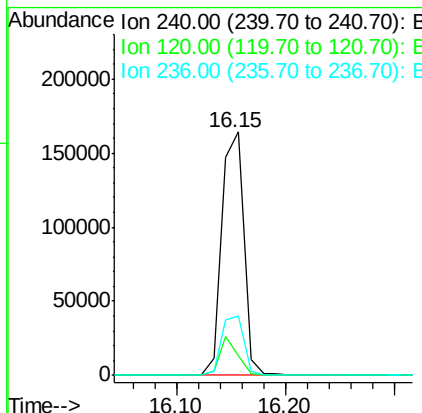
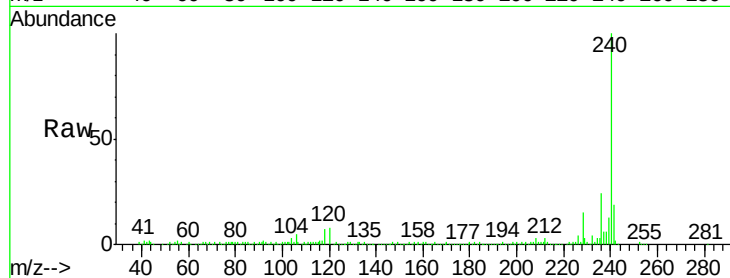
ClientSampleId :

MW-01-2-27-15MSD

Tgt Ion:	240	Resp:	231988
Ion Ratio	Lower	Upper	
240	100		
120	7.8	8.8	13.2#
236	24.2	20.7	31.1

Manual Integrations
APPROVED

mohammad
3/4/2015 4:41:50 PM



#77

Pyrene

Concen: 53.09 ng

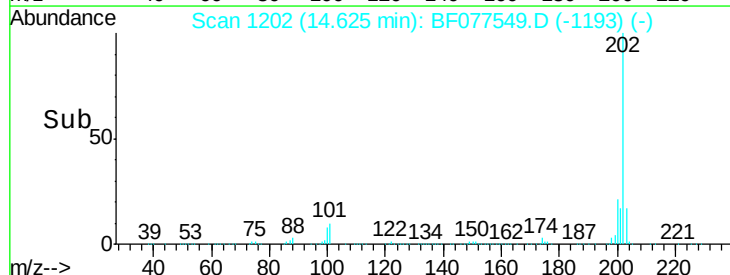
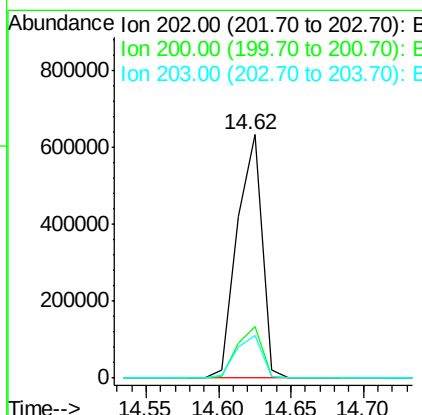
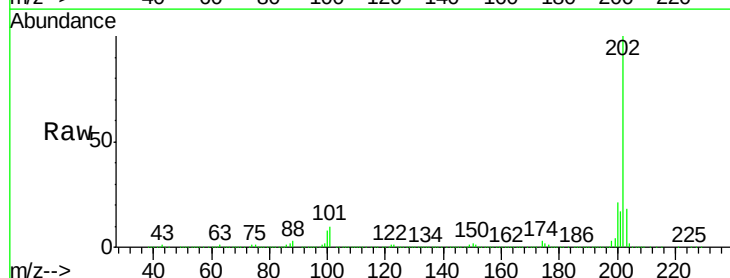
RT: 14.62 min Scan# 1202

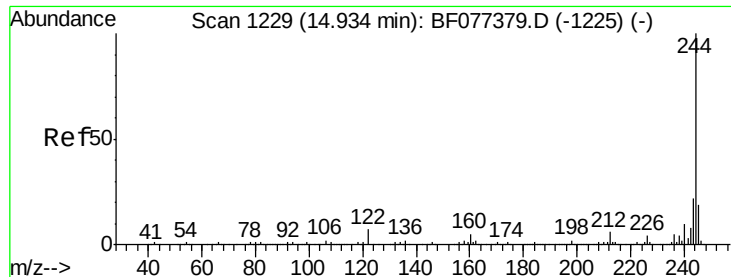
Delta R.T. -0.00 min

Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

Tgt Ion:	202	Resp:	753328
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.1	25.7
203	17.5	14.2	21.2





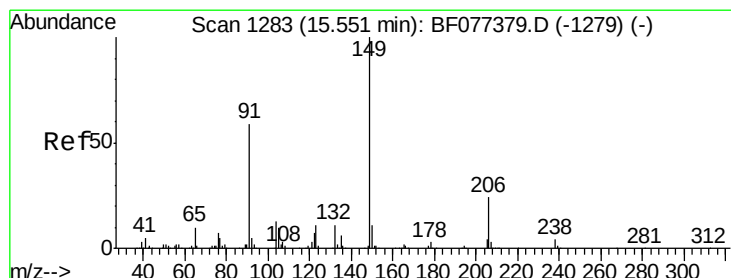
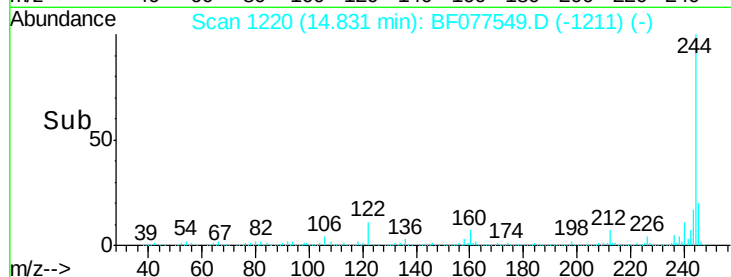
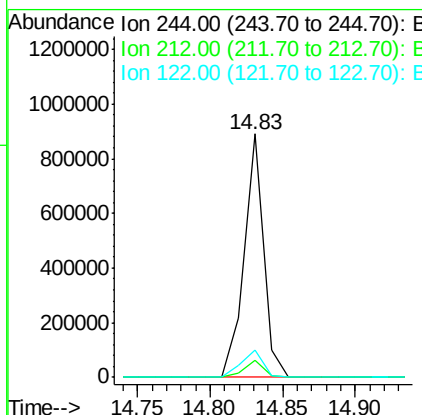
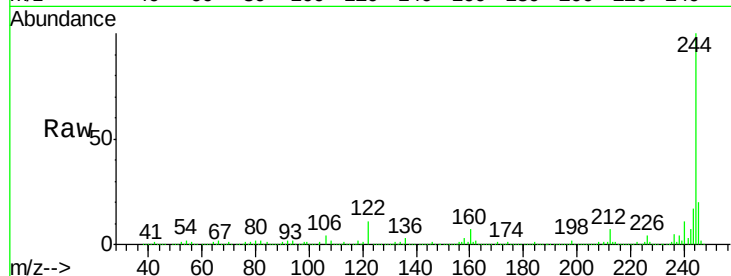
#78
 Terphenyl-d14
 Concen: 84.05 ng
 RT: 14.83 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF077549.D
 Acq: 3 Mar 2015 16:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-01-2-27-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	834014		
212	6.8	5.2	7.8	
122	11.4	7.8	11.8	

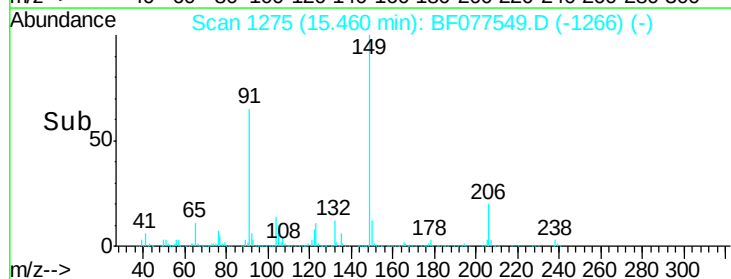
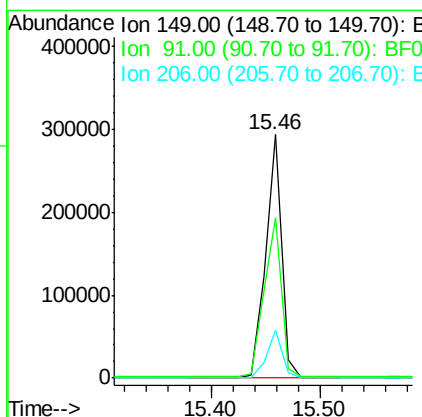
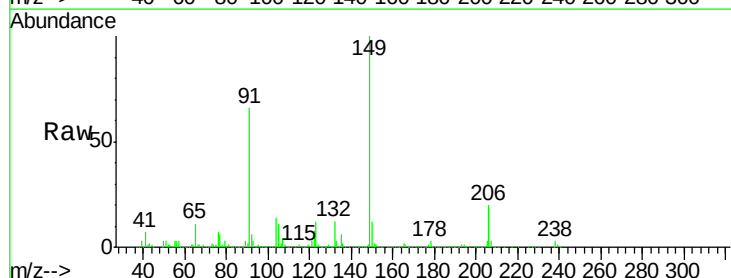
Manual Integrations
 APPROVED

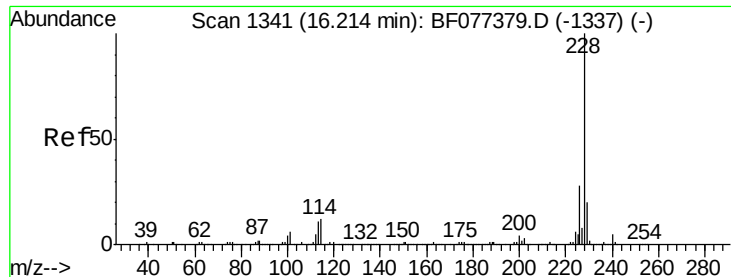
mohammad
 3/4/2015 4:41:50 PM



#79
 Butylbenzylphthalate
 Concen: 51.96 ng
 RT: 15.46 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BF077549.D
 Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	303340		
91	65.9	51.2	76.8	
206	19.6	17.8	26.8	





#80

Benzo(a)anthracene

Concen: 50.92 ng

RT: 16.14 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

Instrument :

BNA_F

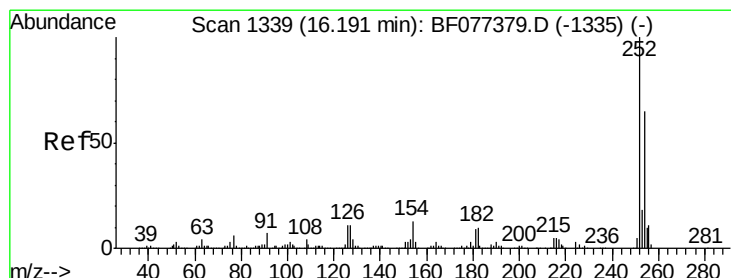
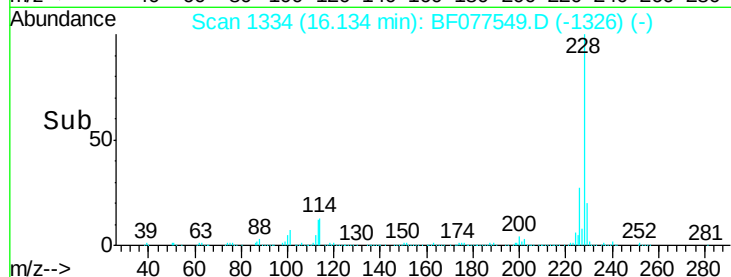
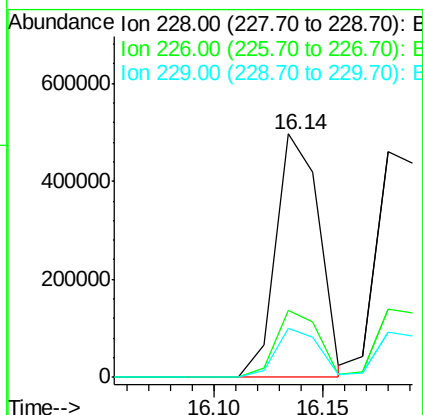
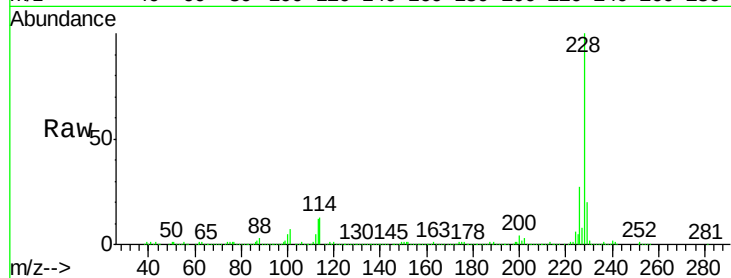
ClientSampleId :

MW-01-2-27-15MSD

Tgt Ion:	228	Resp:	692305
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.0	33.0
229	20.0	15.8	23.8

Manual Integrations
APPROVED

mohammad
3/4/2015 4:41:50 PM



#81

3,3'-Dichlorobenzidine

Concen: 4.73 ng

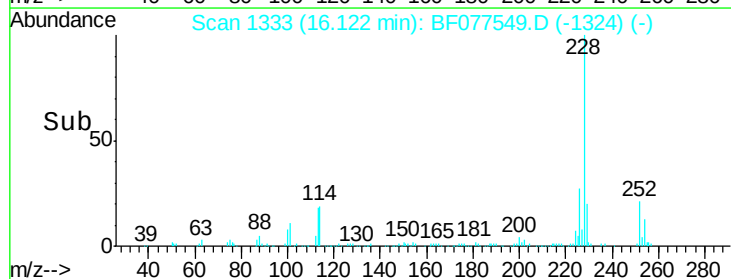
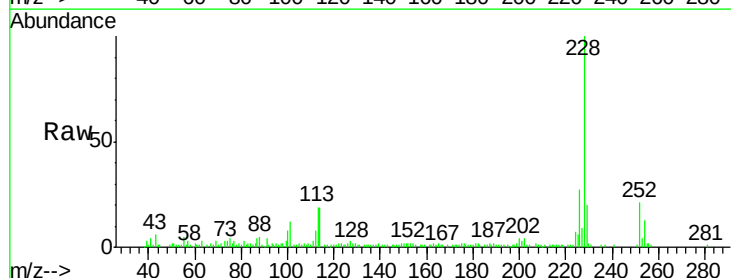
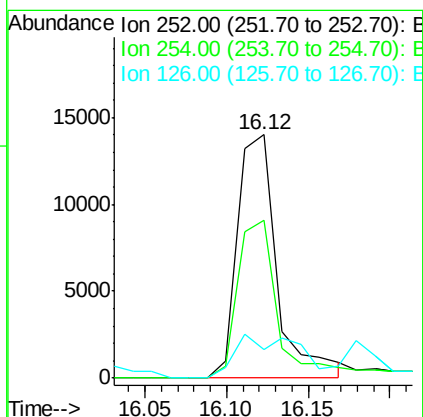
RT: 16.12 min Scan# 1333

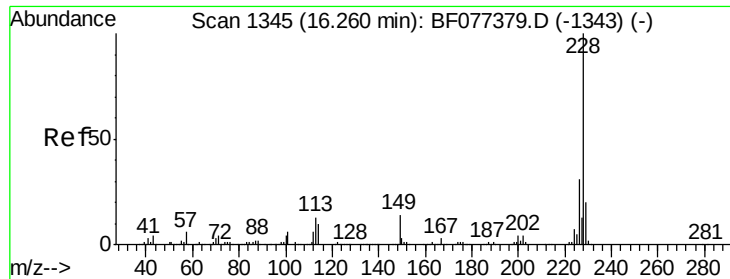
Delta R.T. 0.01 min

Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

Tgt Ion:	252	Resp:	23572
Ion Ratio	Lower	Upper	
252	100		
254	64.8	52.9	79.3
126	11.9	7.3	10.9#





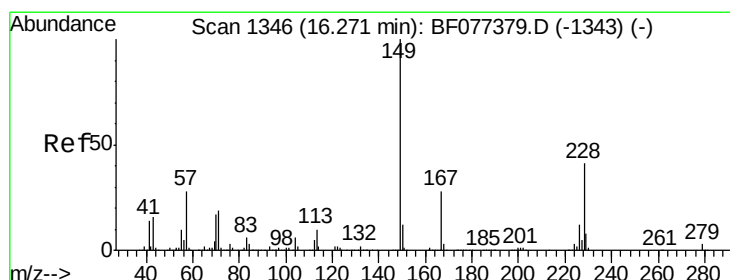
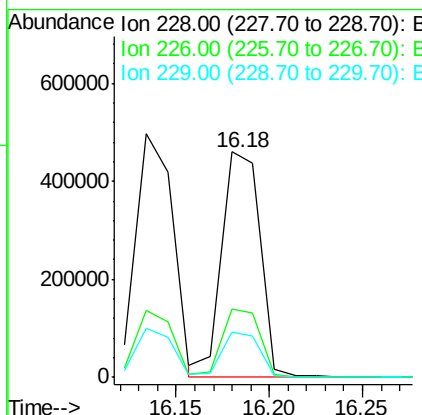
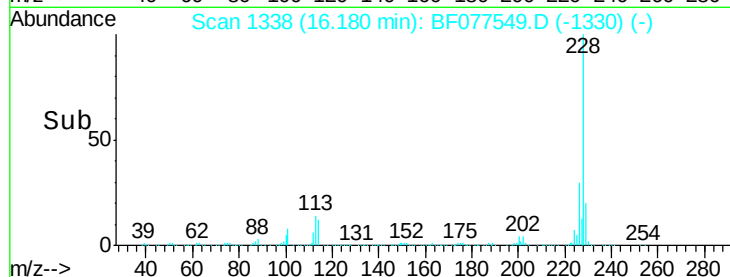
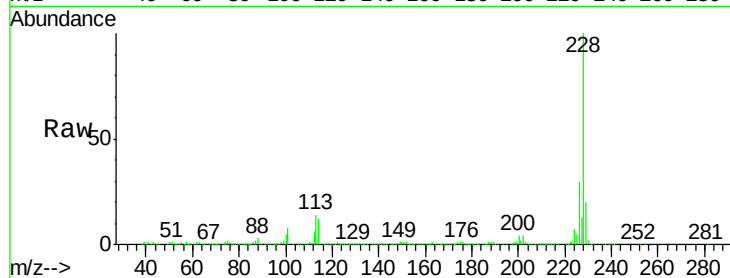
#82
Chrysene
Concen: 51.39 ng
RT: 16.18 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Instrument :
BNA_F
ClientSampleId :
MW-01-2-27-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	656092		
226	30.3		24.9	37.3
229	20.2		16.4	24.6

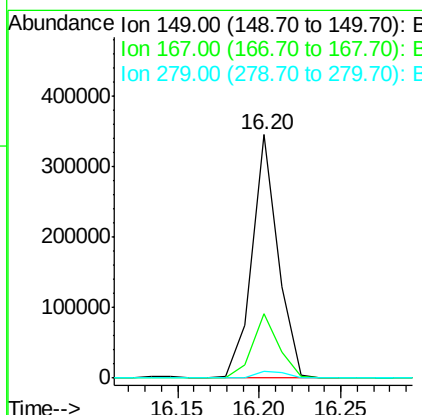
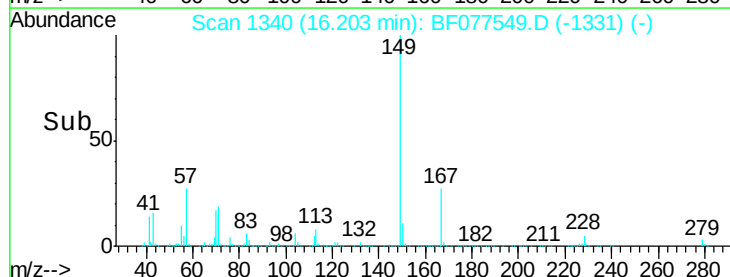
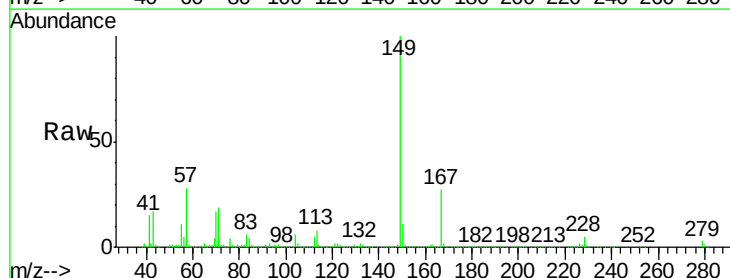
Manual Integrations
APPROVED

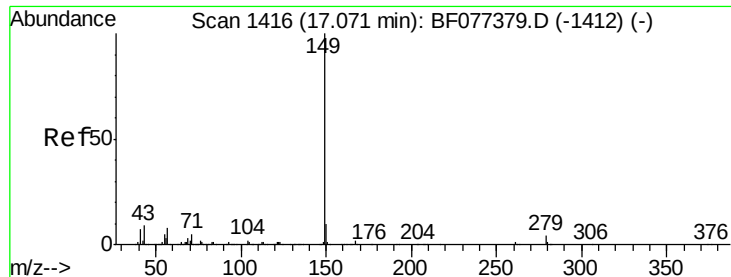
mohammad
3/4/2015 4:41:50 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 40.63 ng
RT: 16.20 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	380416		
167	26.7		22.8	34.2
279	2.9		3.8	5.6#





#84

Di-n-octyl phthalate

Concen: 38.99 ng

RT: 17.05 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

Instrument :

BNA_F

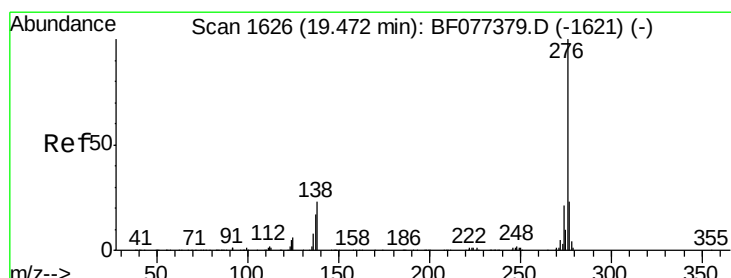
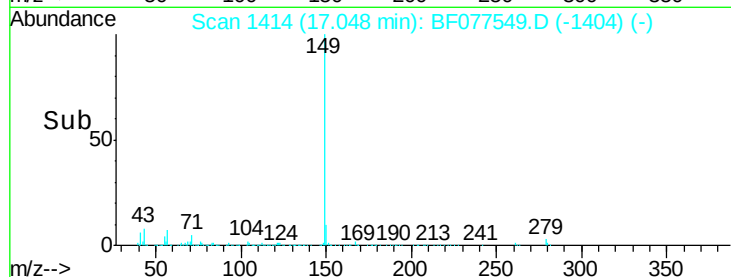
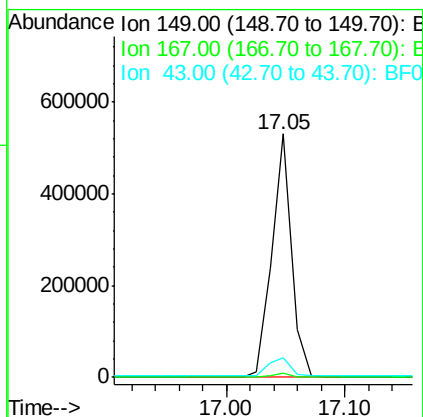
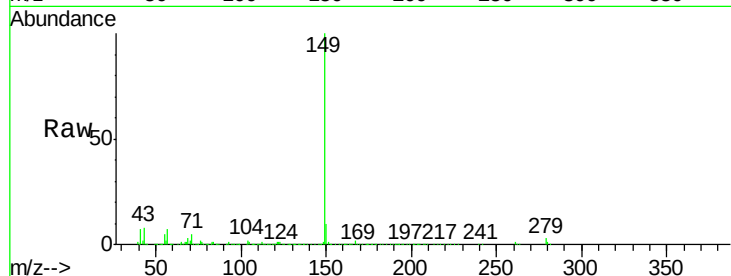
ClientSampleId :

MW-01-2-27-15MSD

Tgt Ion:	149	Resp:	609420
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	8.9	8.1	12.1

Manual Integrations
APPROVED

mohammad
3/4/2015 4:41:50 PM



#85

Indeno(1,2,3-cd)pyrene

Concen: 47.73 ng m

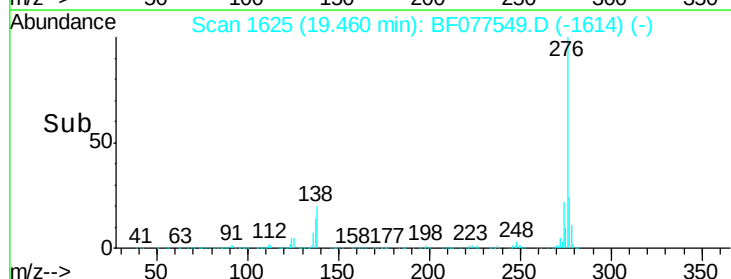
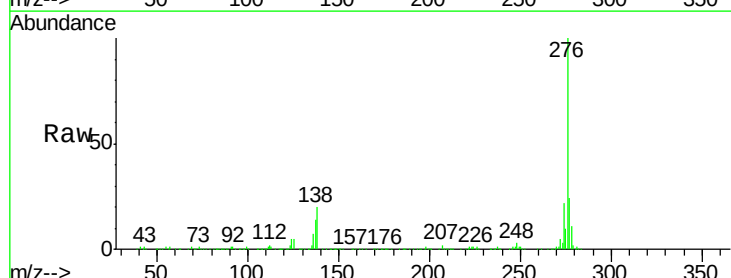
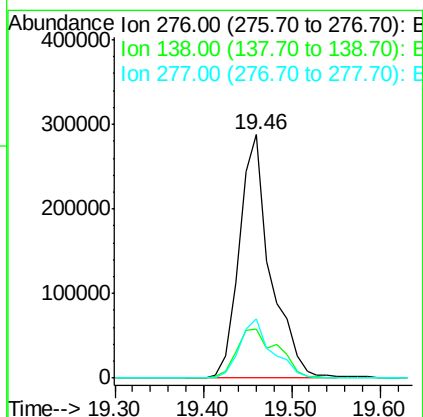
RT: 19.46 min Scan# 1625

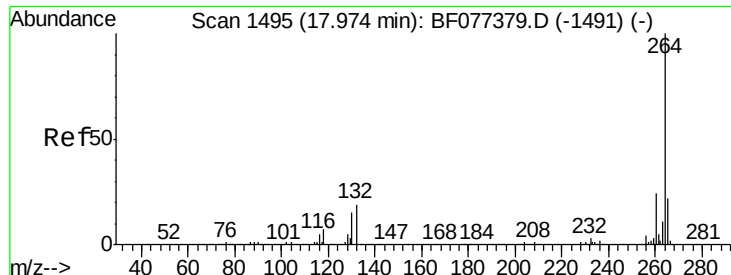
Delta R.T. 0.02 min

Lab File: BF077549.D

Acq: 3 Mar 2015 16:54

Tgt Ion:	276	Resp:	694784
Ion Ratio	Lower	Upper	
276	100		
138	25.6	21.2	31.8
277	24.1	20.0	30.0





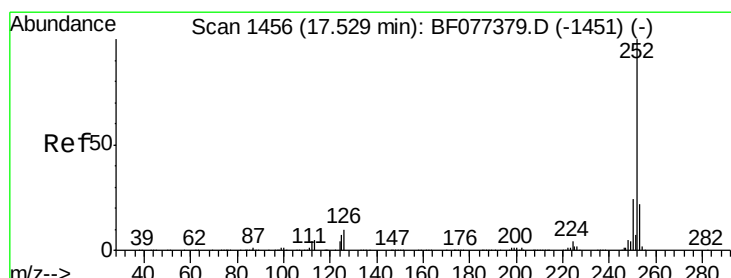
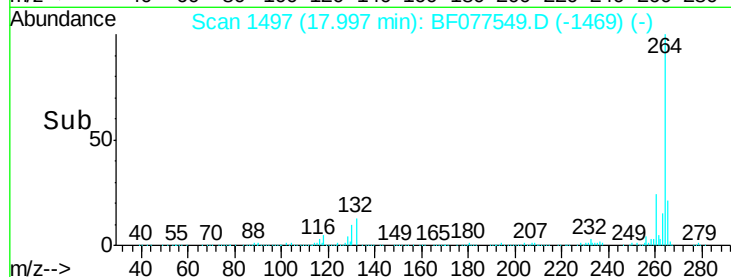
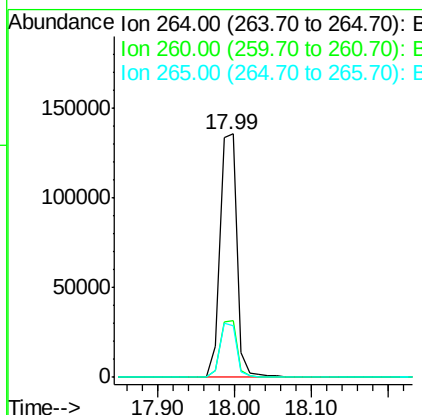
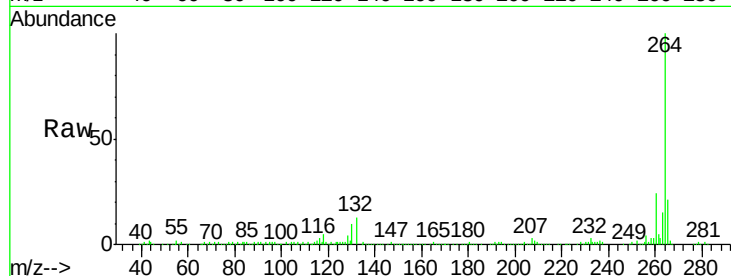
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.99 min Scan# 1497
Delta R.T. 0.02 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Instrument :
BNA_F
ClientSampleId :
MW-01-2-27-15MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	21.3	16.8	25.2

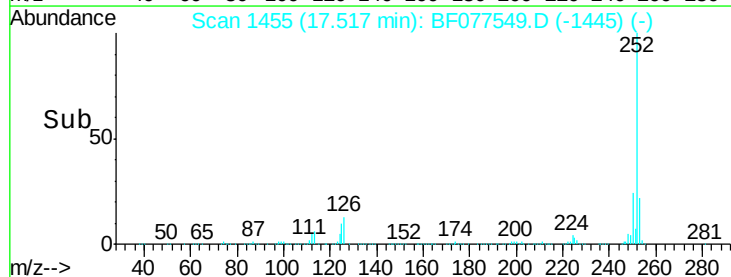
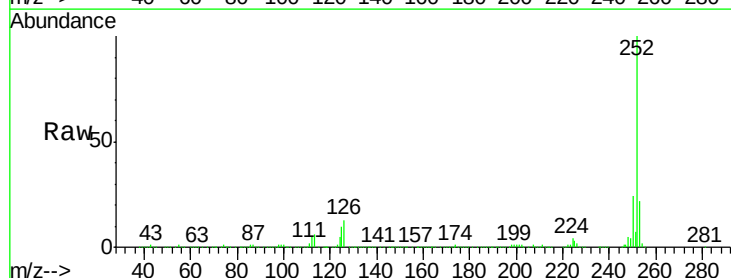
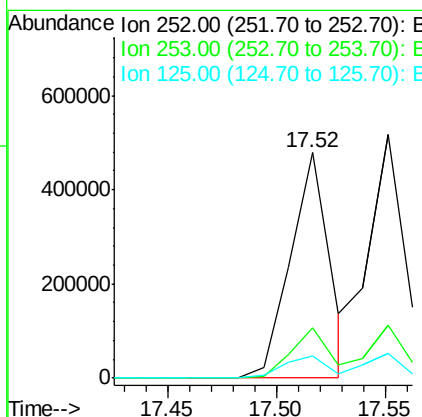
Manual Integrations
APPROVED

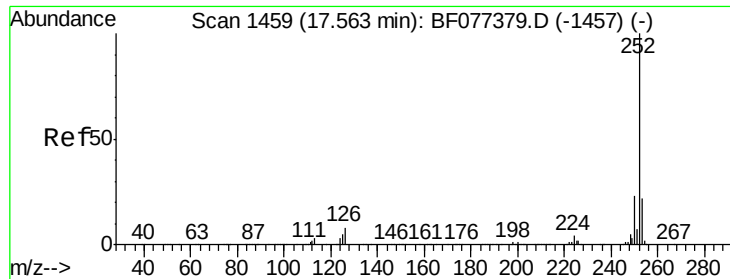
mohammad
3/4/2015 4:41:50 PM



#87
Benzo(b)fluoranthene
Concen: 48.90 ng
RT: 17.52 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	9.6	5.4	8.2#





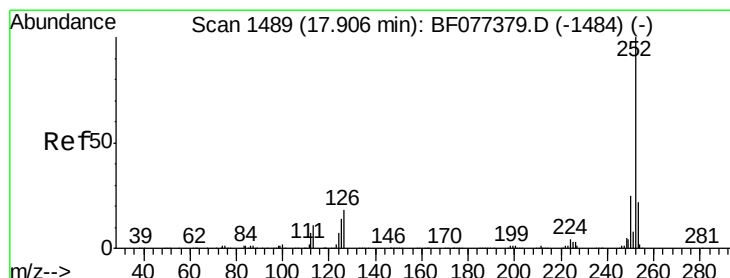
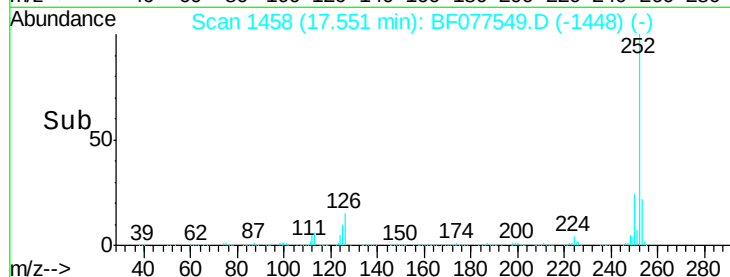
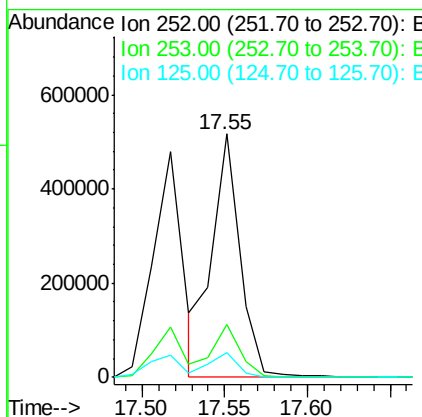
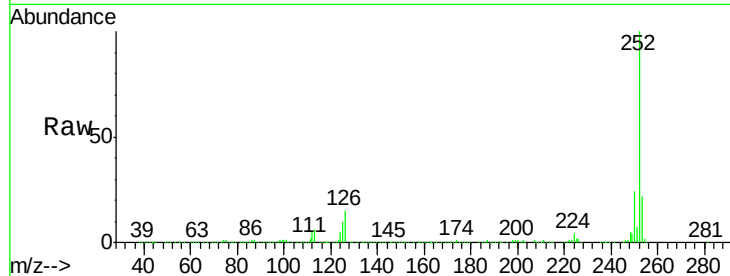
#88
Benzo(k)fluoranthene
Concen: 50.49 ng m
RT: 17.55 min Scan# 1458
Delta R.T. 0.02 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Instrument :
BNA_F
ClientSampleId :
MW-01-2-27-15MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	10.4	10.1	15.1

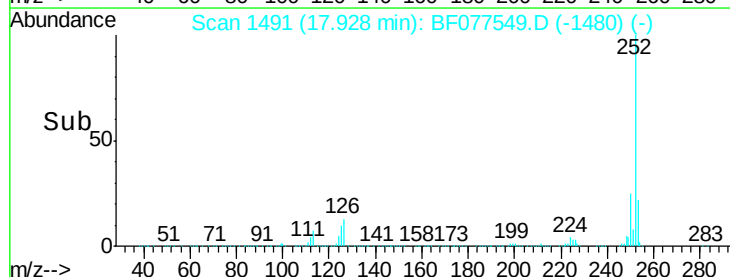
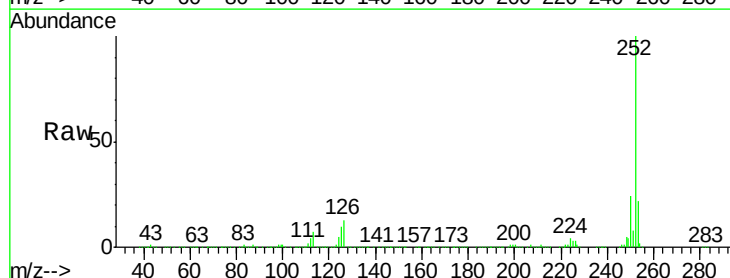
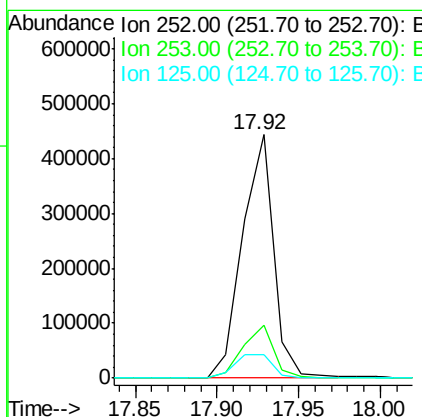
Manual Integrations
APPROVED

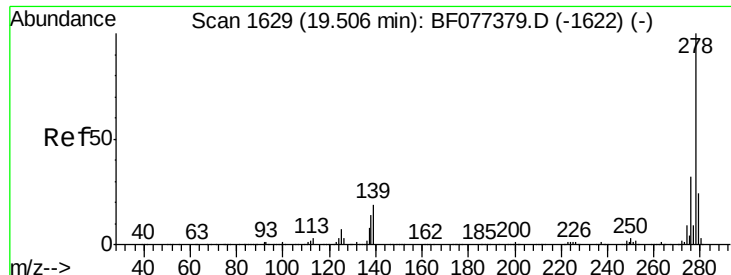
mohammad
3/4/2015 4:41:50 PM



#89
Benzo(a)pyrene
Concen: 50.52 ng
RT: 17.92 min Scan# 1491
Delta R.T. 0.02 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	9.7	8.3	12.5





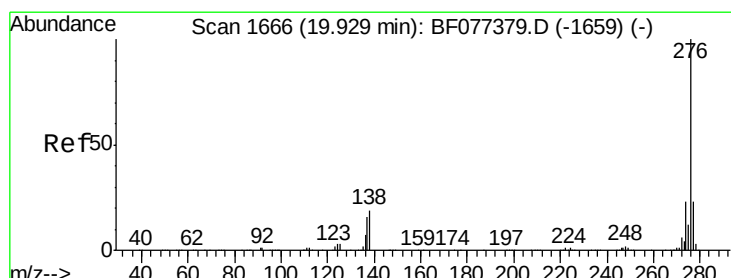
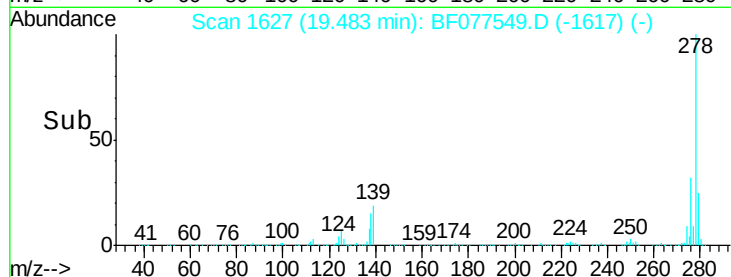
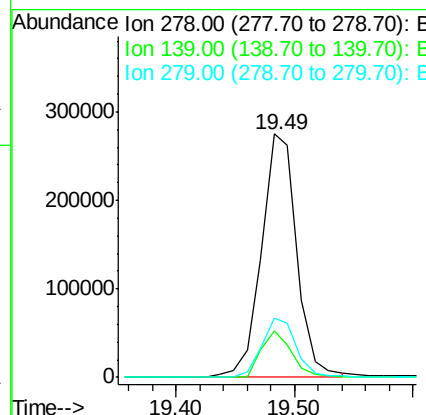
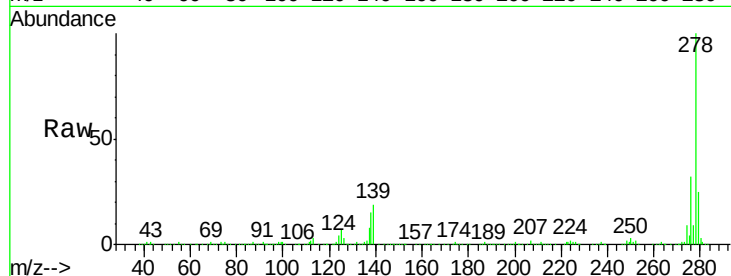
#90
Dibenzo(a,h)anthracene
Concen: 51.08 ng
RT: 19.49 min Scan# 1627
Delta R.T. 0.02 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Instrument :
BNA_F
ClientSampleId :
MW-01-2-27-15MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.9	14.3	21.5
279	24.6	19.0	28.6

Manual Integrations
APPROVED

mohammad
3/4/2015 4:41:50 PM



#91
Benzo(g,h,i)perylene
Concen: 52.02 ng
RT: 19.89 min Scan# 1662
Delta R.T. 0.02 min
Lab File: BF077549.D
Acq: 3 Mar 2015 16:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	25.1	20.5	30.7

