

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
 Data File : BF093773.D
 Acq On : 20 Mar 2017 19:25
 Operator : SJ/MA
 Sample : I2304-11MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B6(0-5)MS

Manual Integrations
 APPROVED

mohammad
 3/21/2017 2:45:23 PM

Quant Time: Mar 21 01:31:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 16:03:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	224739	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	923648	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	398045	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	627510	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	316899	20.00	ng	-0.02
86) Perylene-d12	15.39	264	354263	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1765637	137.39	ng	0.00
7) Phenol-d6	6.48	99	2175764	137.01	ng	0.00
23) Nitrobenzene-d5	7.41	82	1478661	90.82	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	368235	119.44	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1857584	78.47	ng	-0.01
78) Terphenyl-d14	12.94	244	1381299	88.87	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.49	88	263332	40.44 ng	99
3) Pyridine	3.19	79	744646	42.68 ng	97
4) n-Nitrosodimethylamine	3.14	42	375275	49.88 ng	93
6) Aniline	6.49	93	663227	29.87 ng	# 1
8) 2-Chlorophenol	6.63	128	731715	51.76 ng	89
9) Benzaldehyde	6.38	77	346444	30.86 ng	98
10) Phenol	6.49	94	1079660	60.48 ng	99
11) bis(2-Chloroethyl)ether	6.57	93	723762	49.93 ng	96
12) 1,3-Dichlorobenzene	6.78	146	723104	45.10 ng	98
13) 1,4-Dichlorobenzene	6.86	146	796616	48.70 ng	98
14) 1,2-Dichlorobenzene	7.01	146	651333	43.41 ng	99
15) Benzyl Alcohol	6.98	79	651268	55.35 ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1059940	46.00 ng	100
17) 2-Methylphenol	7.10	107	607890	49.00 ng	98
18) Hexachloroethane	7.36	117	275100	47.44 ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	510224	49.04 ng	94
20) 3+4-Methylphenols	7.26	107	727239	49.51 ng	90
22) Acetophenone	7.25	105	954171	47.71 ng	99
24) Nitrobenzene	7.42	77	673235	43.28 ng	97
25) Isophorone	7.67	82	1451398	50.32 ng	# 93
26) 2-Nitrophenol	7.74	139	381924	54.29 ng	93
27) 2,4-Dimethylphenol	7.78	122	720302	49.79 ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	854819	46.06 ng	99
29) 2,4-Dichlorophenol	7.98	162	590153	47.92 ng	95
30) 1,2,4-Trichlorobenzene	8.07	180	606934	47.46 ng	99
31) Naphthalene	8.15	128	2095659	48.88 ng	99
32) Benzoic acid	7.84	122	30435	3.38 ng	89
33) 4-Chloroaniline	8.18	127	333368	18.09 ng	100
34) Hexachlorobutadiene	8.28	225	315632	46.93 ng	99
35) Caprolactam	8.56	113	202241m	52.32 ng	
36) 4-Chloro-3-methylphenol	8.68	107	602295	47.20 ng	85
37) 2-Methylnaphthalene	8.84	142	1255796	44.87 ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	505365	47.94 ng	98
40) Hexachlorocyclopentadiene	9.00	237	305114	57.37 ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
 Data File : BF093773.D
 Acq On : 20 Mar 2017 19:25
 Operator : SJ/MA
 Sample : I2304-11MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B6(0-5)MS

Manual Integrations
 APPROVED

mohammad
 3/21/2017 2:45:23 PM

Quant Time: Mar 21 01:31:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 16:03:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	411348	53.75	nq	100
43) 2,4,5-Trichlorophenol	9.16	196	403069	50.74	nq	95
45) 1,1'-Biphenyl	9.30	154	1514714	46.82	nq	99
46) 2-Chloronaphthalene	9.33	162	1243233	50.12	nq	96
47) 2-Nitroaniline	9.42	65	421958	60.91	nq	# 77
48) Acenaphthylene	9.74	152	1790105	44.35	nq	99
49) Dimethylphthalate	9.61	163	1735274	61.26	nq	# 99
50) 2,6-Dinitrotoluene	9.66	165	295618	47.53	nq	# 79
51) Acenaphthene	9.91	154	1002298	41.57	nq	99
52) 3-Nitroaniline	9.82	138	217335	29.11	nq	100
53) 2,4-Dinitrophenol	9.92	184	39904	16.35	nq	# 1
54) Dibenzofuran	10.08	168	1507203	46.45	nq	97
55) 4-Nitrophenol	9.99	139	533377	95.12	nq	# 68
56) 2,4-Dinitrotoluene	10.06	165	385271	48.80	nq	# 73
57) Fluorene	10.42	166	1107676	44.58	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	272596	49.95	nq	97
59) Diethylphthalate	10.31	149	1464253	53.04	nq	97
60) 4-Chlorophenyl-phenylether	10.41	204	483063	46.12	nq	98
61) 4-Nitroaniline	10.44	138	280667	42.03	nq	91
62) Azobenzene	10.57	77	1344231	49.23	nq	99
64) 4,6-Dinitro-2-methylphenol	10.47	198	107626	29.60	nq	# 51
65) n-Nitrosodiphenylamine	10.54	169	1169686	55.91	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	306835	50.80	nq	97
67) Hexachlorobenzene	10.97	284	306579	49.22	nq	# 89
68) Atrazine	11.06	200	331912	51.69	nq	96
69) Pentachlorophenol	11.17	266	329651	90.50	nq	99
70) Phenanthrene	11.38	178	1641587	49.12	nq	99
71) Anthracene	11.43	178	1567713	45.56	nq	100
72) Carbazole	11.58	167	1466114	43.04	nq	99
73) Di-n-butylphthalate	11.92	149	1821556	49.68	nq	99
74) Fluoranthene	12.56	202	1436488	41.82	nq	99
76) Benzidine	12.68	184	522303	37.57	nq	95
77) Pyrene	12.79	202	1461154	55.41	nq	100
79) Butylbenzylphthalate	13.41	149	662919	56.24	nq	# 73
80) Benzo(a)anthracene	13.97	228	963978	48.56	nq	100
81) 3,3'-Dichlorobenzidine	13.93	252	250732	33.52	nq	# 97
82) Chrysene	14.00	228	907797	45.77	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	830267	58.48	nq	# 99
84) Di-n-octyl phthalate	14.59	149	1484361	57.30	nq	100
85) Indeno(1,2,3-cd)pyrene	16.76	276	1025543	63.15	nq	99
87) Benzo(b)fluoranthene	14.99	252	1195006m	50.04	nq	
88) Benzo(k)fluoranthene	15.02	252	717596m	40.69	nq	
89) Benzo(a)pyrene	15.33	252	945467	48.82	nq	# 95
90) Dibenzo(a,h)anthracene	16.78	278	867688	53.96	nq	98
91) Benzo(g,h,i)perylene	17.17	276	826322	51.77	nq	99

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

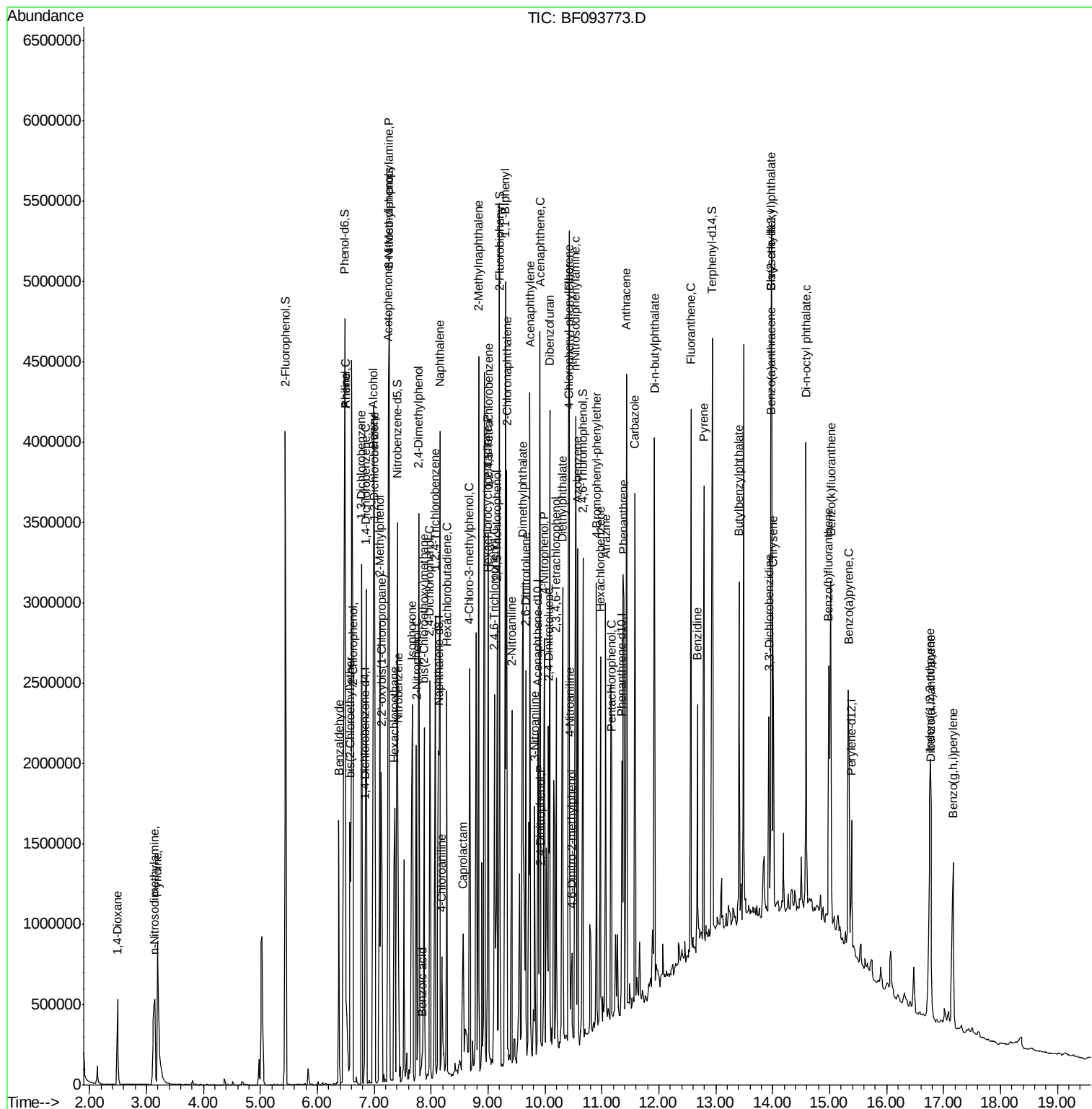
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\  
Data File : BF093773.D  
Acq On    : 20 Mar 2017   19:25  
Operator  : SJ/MA  
Sample    : I2304-11MS  
Misc      :  
ALS Vial  : 8      Sample Multiplier: 1
```

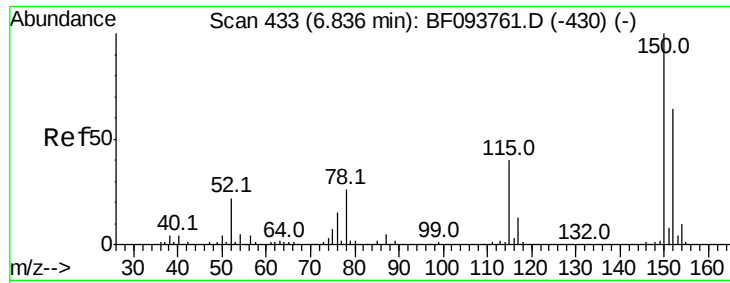
Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

Manual Integrations APPROVED

mohammad
3/21/2017 2:45:23 PM

Quant Time: Mar 21 01:31:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 16:03:59 2017
Response via : Initial Calibration





#1

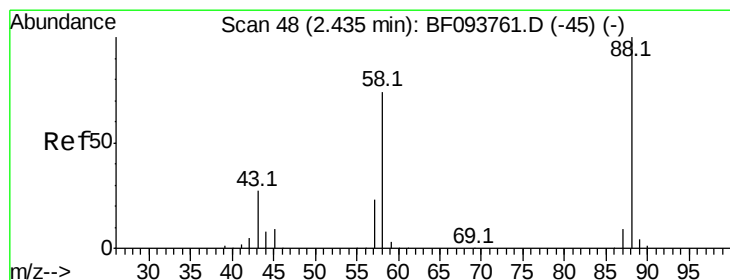
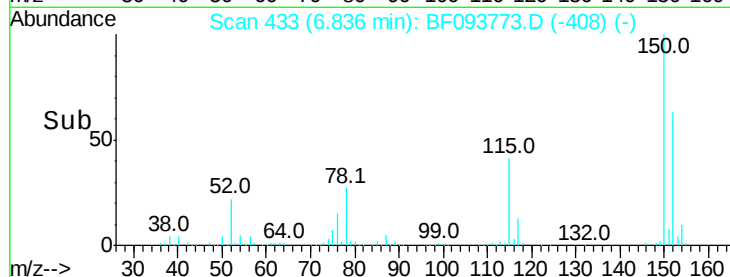
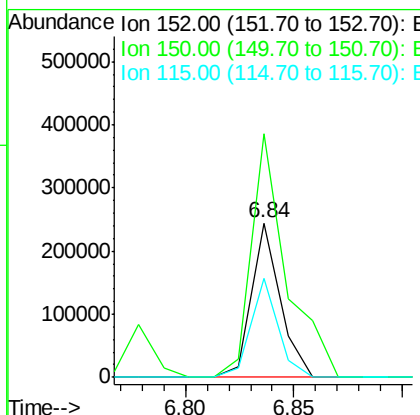
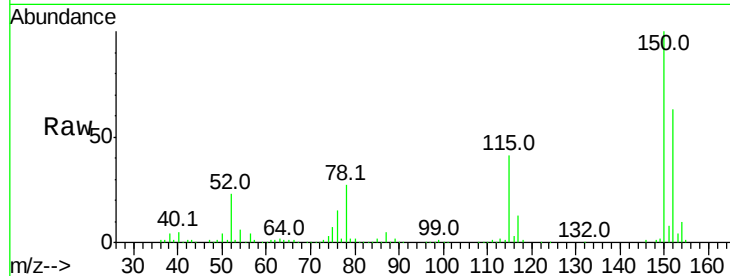
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.2	189.2
115	64.1	52.2	78.2

Manual Integrations
APPROVED

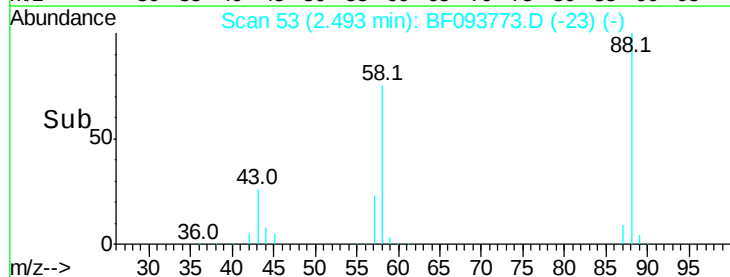
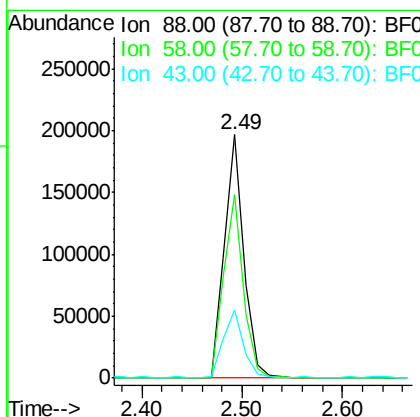
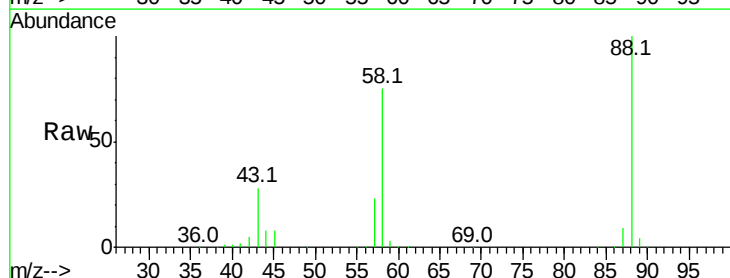
mohammad
3/21/2017 2:45:23 PM

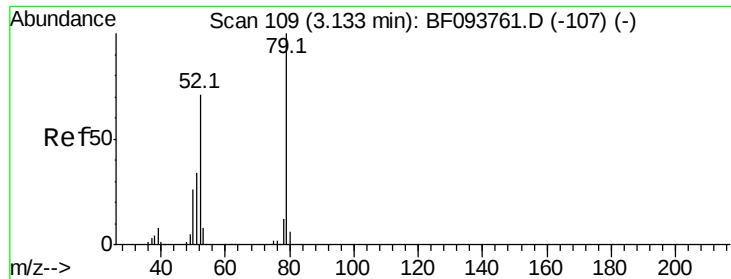


#2

1,4-Dioxane
Concen: 40.44 ng
RT: 2.49 min Scan# 53
Delta R.T. 0.05 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.2	61.4	92.0
43	28.6	23.4	35.0





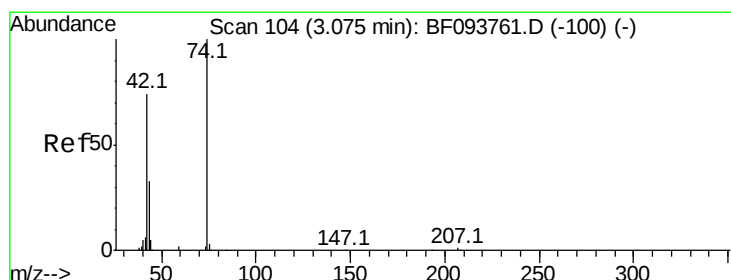
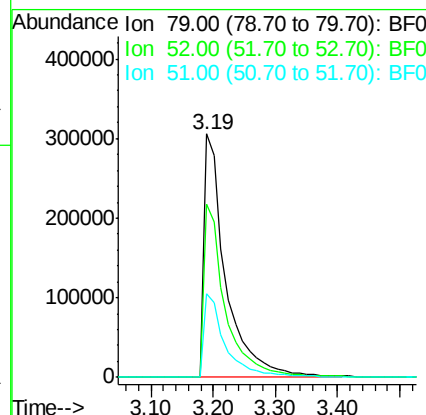
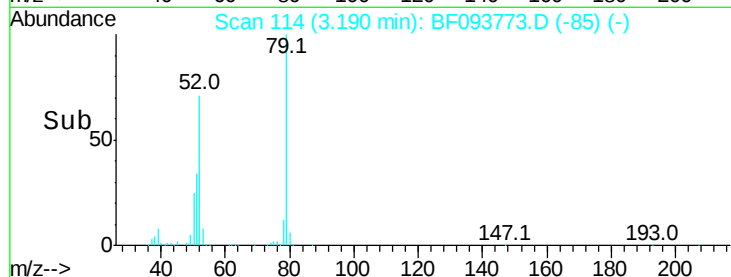
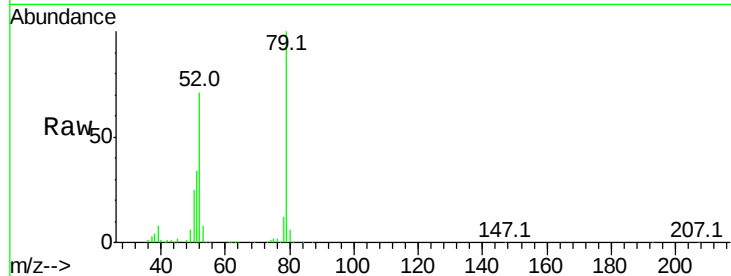
#3
 Pvridine
 Concen: 42.68 ng
 RT: 3.19 min Scan# 114
 Delta R.T. 0.03 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.3	54.8	82.2
51	34.1	27.0	40.4

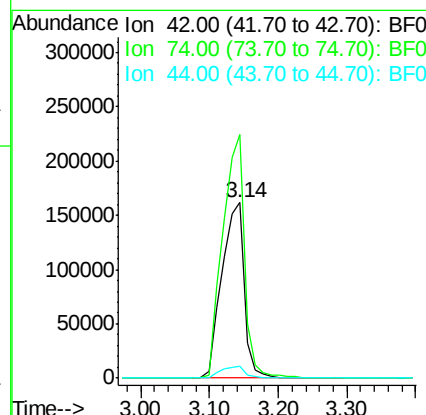
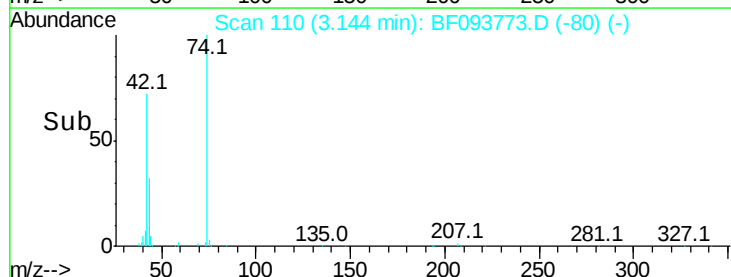
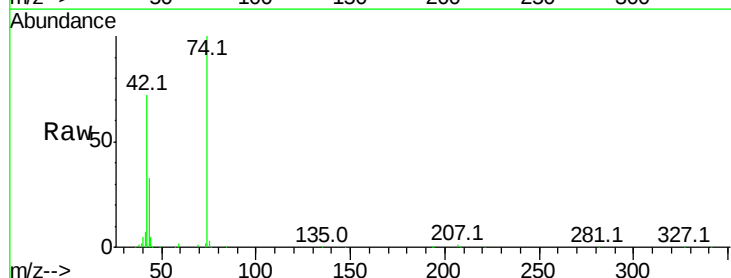
Manual Integrations
 APPROVED

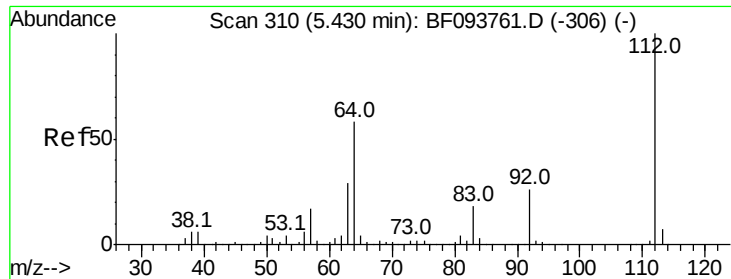
mohammad
 3/21/2017 2:45:23 PM



#4
 n-Nitrosodimethylamine
 Concen: 49.88 ng
 RT: 3.14 min Scan# 110
 Delta R.T. 0.05 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	138.9	103.9	155.9
44	6.9	5.7	8.5





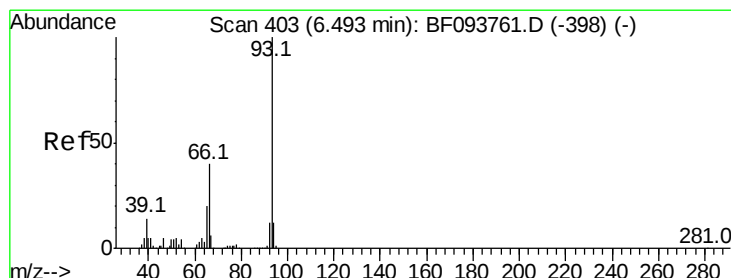
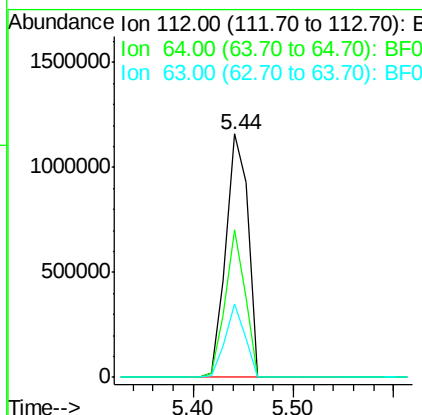
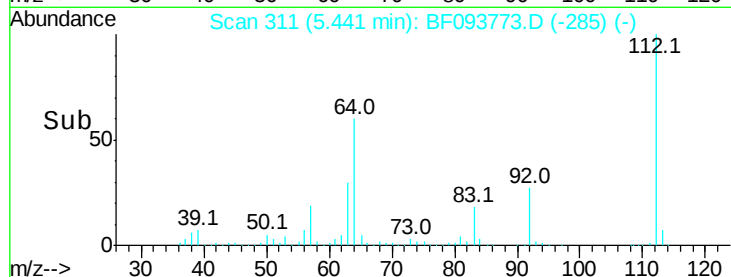
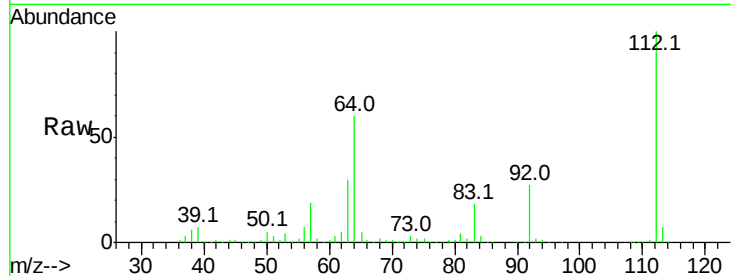
#5
 2-Fluorophenol
 Concen: 137.39 ng
 RT: 5.44 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B6(0-5)MS

Tot Ion:	112	Resp:	1765637
Ion Ratio	Lower	Upper	
112	100		
64	60.4	46.0	69.0
63	30.4	23.4	35.0

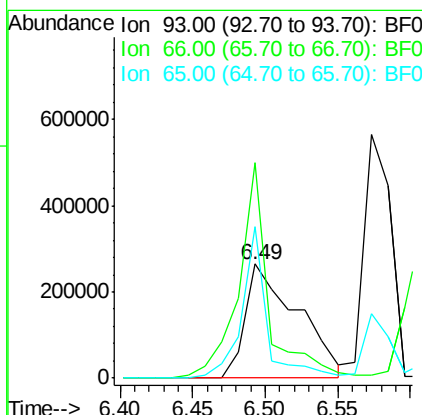
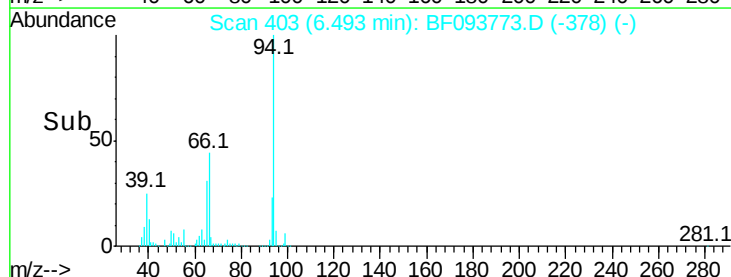
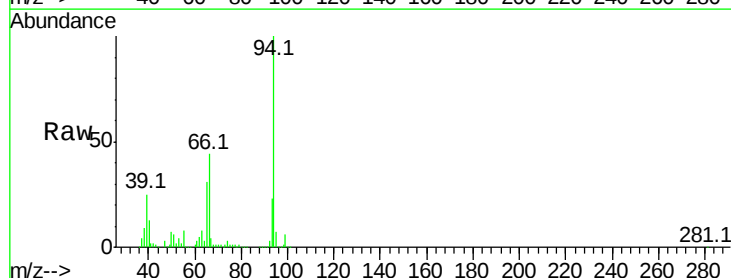
Manual Integrations
 APPROVED

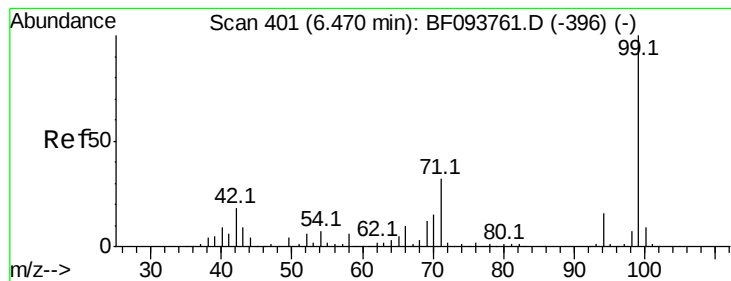
mohammad
 3/21/2017 2:45:23 PM



#6
 Aniline
 Concen: 29.87 ng
 RT: 6.49 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Tgt Ion:	93	Resp:	663227
Ion Ratio	Lower	Upper	
93	100		
66	189.4	32.9	49.3#
65	133.3	16.0	24.0#





#7

Phenol-d6

Concen: 137.01 ng

RT: 6.48 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)MS

Tot Ion: 99 Resp: 2175764

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

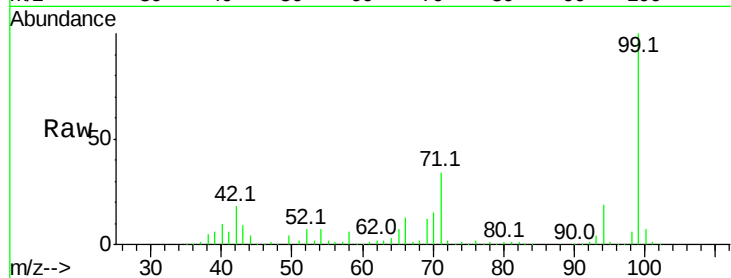
71 33.6 24.5 36.7

Manual Integrations

APPROVED

mohammad

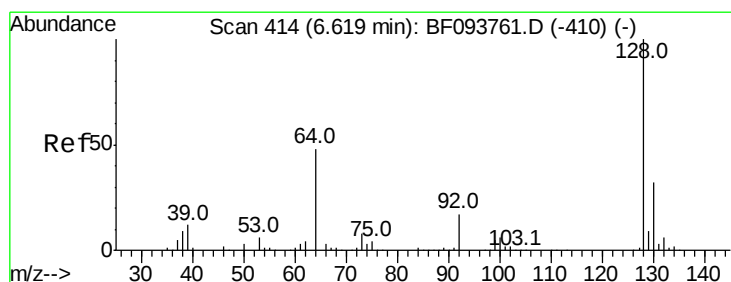
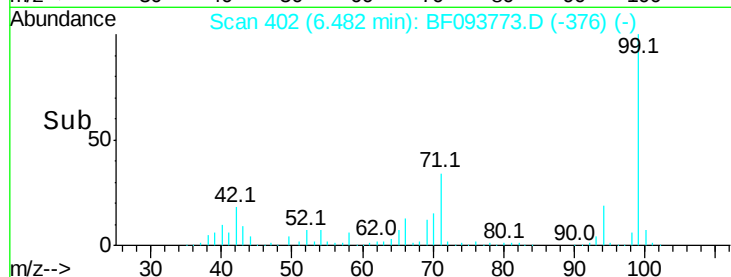
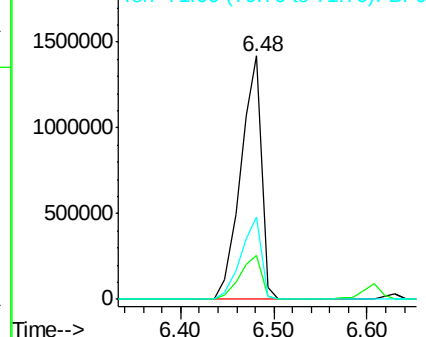
3/21/2017 2:45:23 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 51.76 ng

RT: 6.63 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

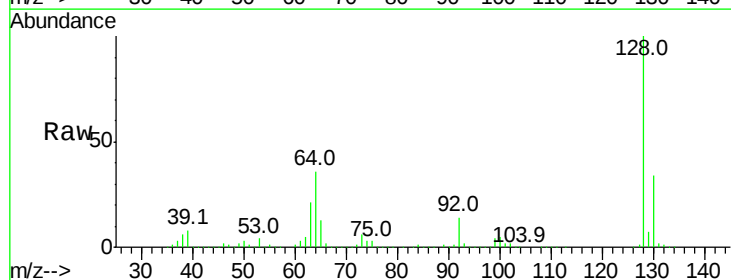
Tgt Ion:128 Resp: 731715

Ion Ratio Lower Upper

128 100

130 33.9 12.9 52.9

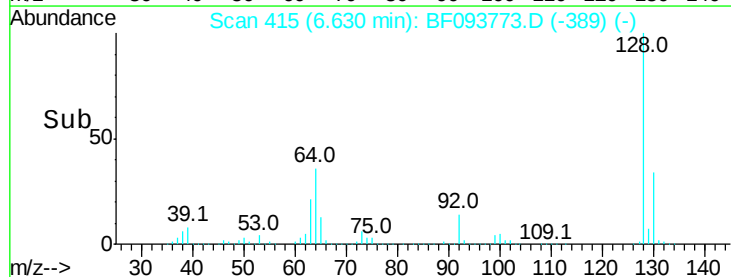
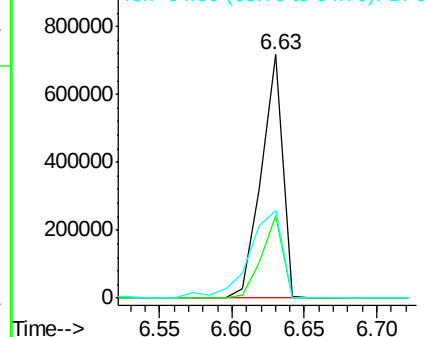
64 36.1 28.4 68.4

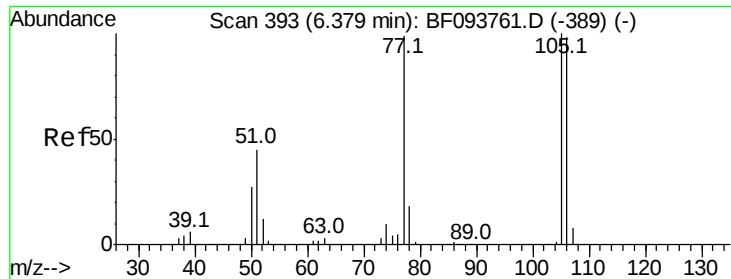


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 30.86 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

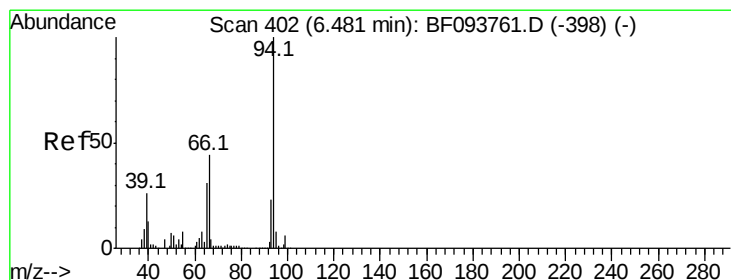
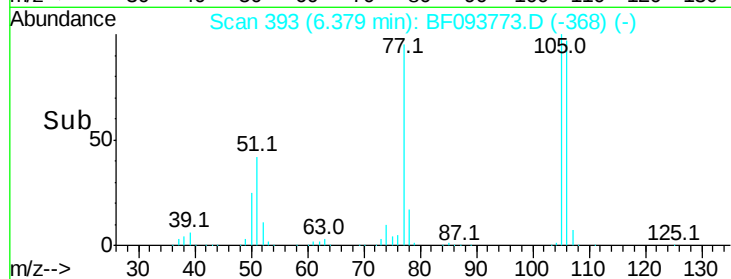
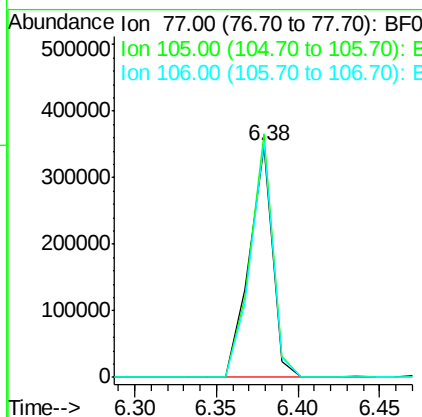
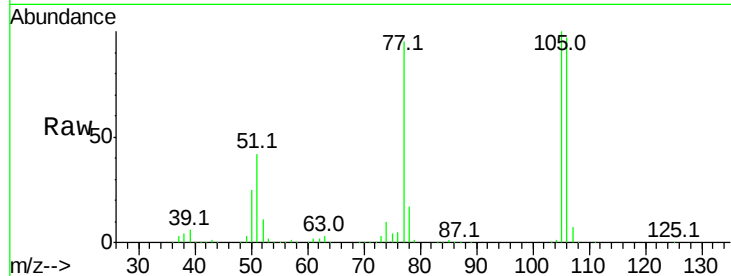
ClientSampleId :

SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	105.3	83.8	123.8
106	102.1	79.1	119.1

Manual Integrations
APPROVED

mohammad
3/21/2017 2:45:23 PM



#10

Phenol

Concen: 60.48 ng

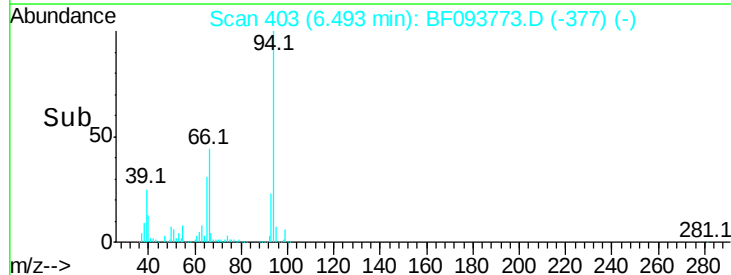
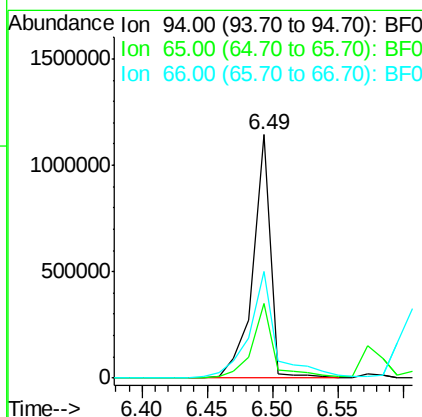
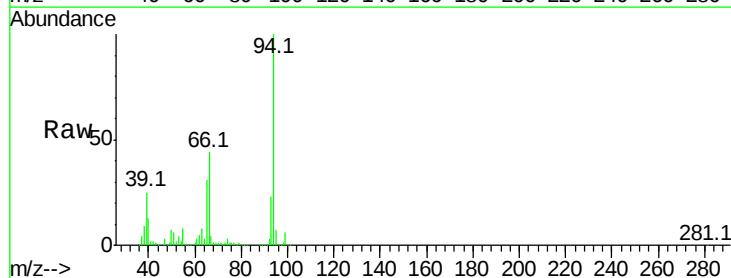
RT: 6.49 min Scan# 403

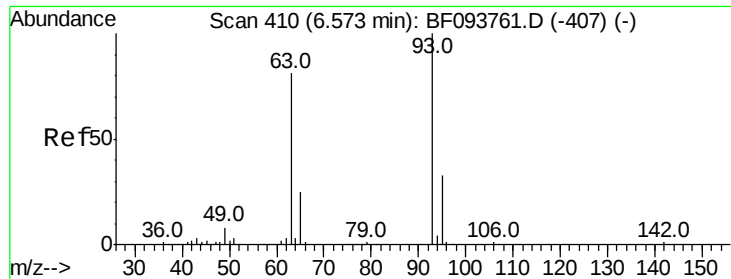
Delta R.T. 0.00 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.8	9.9	49.9
66	43.8	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 49.93 ng

RT: 6.57 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

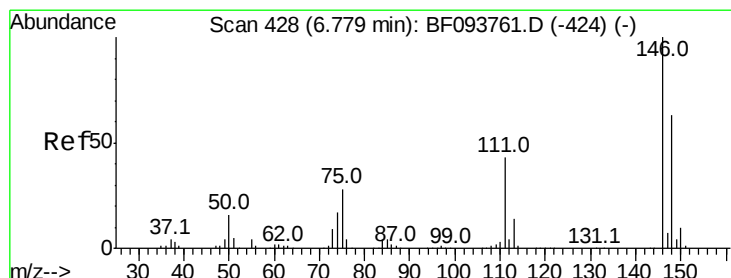
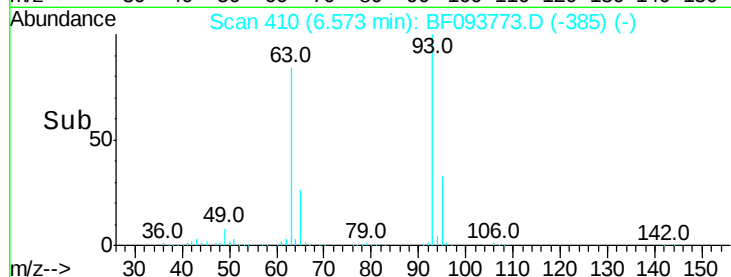
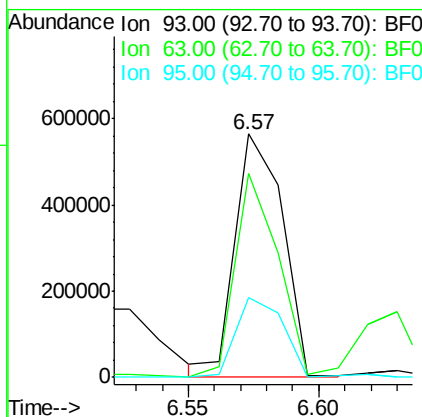
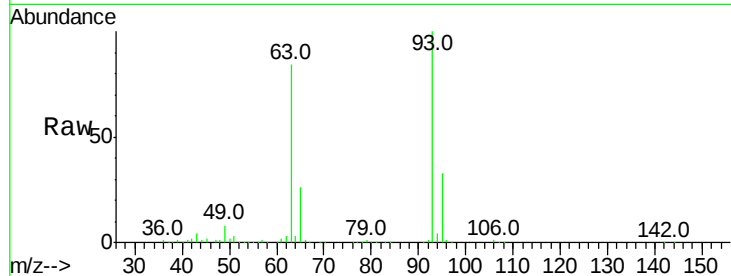
ClientSampleId :

SPA-B6(0-5)MS

Tot Ion:	93	Resp:	723762
Ion Ratio	Lower	Upper	
93	100		
63	83.8	59.2	99.2
95	32.5	12.8	52.8

Manual Integrations
APPROVED

mohammad
3/21/2017 2:45:23 PM



#12

1,3-Dichlorobenzene

Concen: 45.10 ng

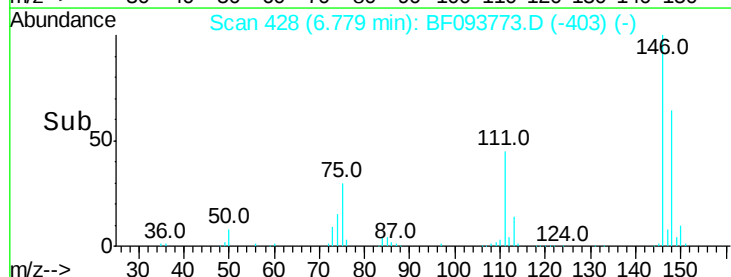
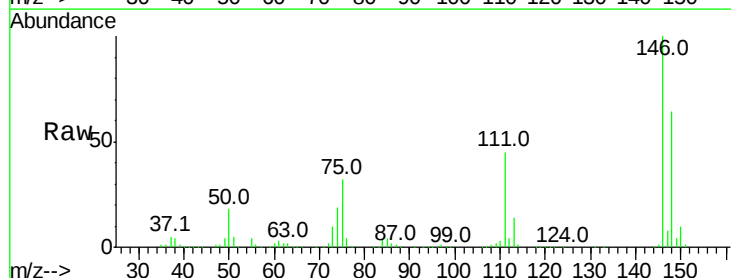
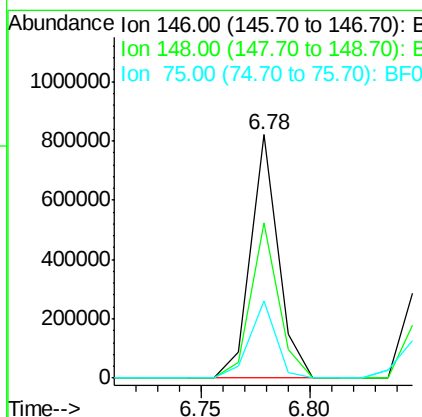
RT: 6.78 min Scan# 428

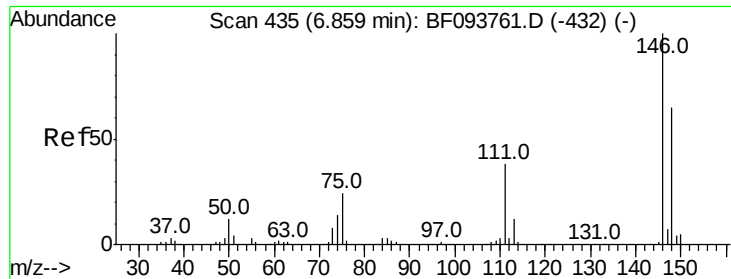
Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Tgt Ion:	146	Resp:	723104
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.8	77.6
75	31.6	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 48.70 ng

RT: 6.86 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

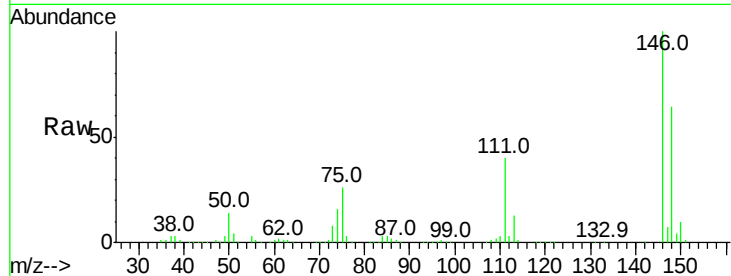
ClientSampleId :

SPA-B6(0-5)MS

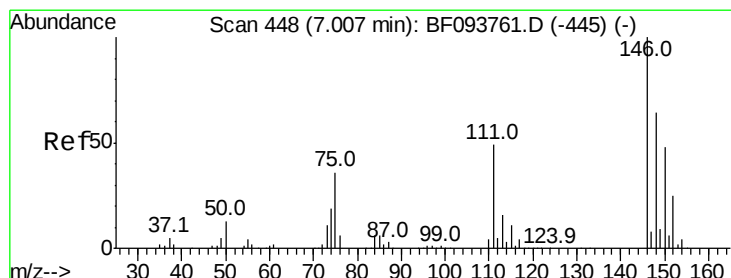
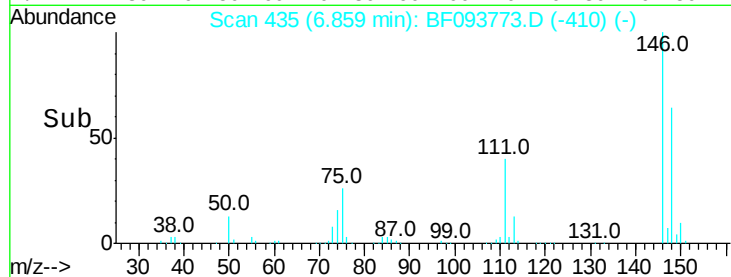
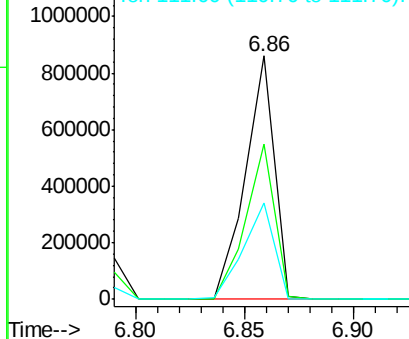
Tot Ion:	146	Resp:	796616
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.2	78.2
111	39.7	30.3	45.5

Manual Integrations
APPROVED

mohammad
3/21/2017 2:45:23 PM



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.41 ng

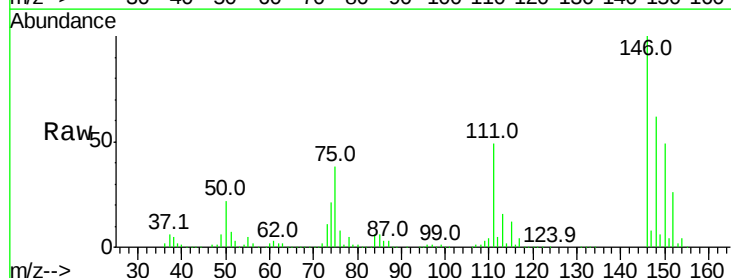
RT: 7.01 min Scan# 448

Delta R.T. -0.01 min

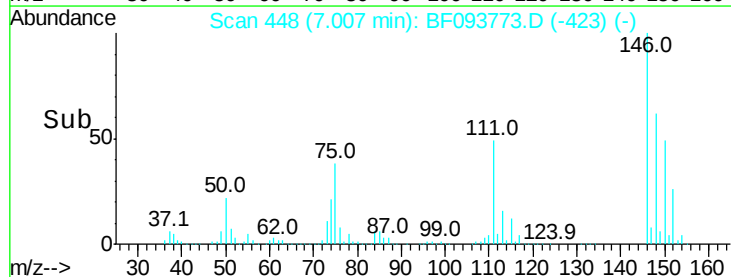
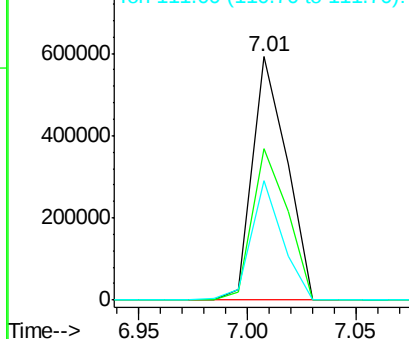
Lab File: BF093773.D

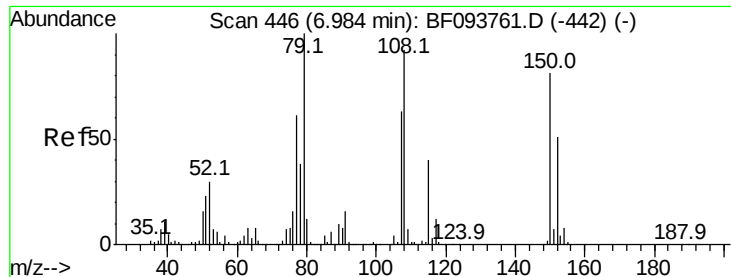
Acq: 20 Mar 2017 19:25

Tgt Ion:	146	Resp:	651333
Ion Ratio	Lower	Upper	
146	100		
148	62.4	50.4	75.6
111	49.3	38.2	57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





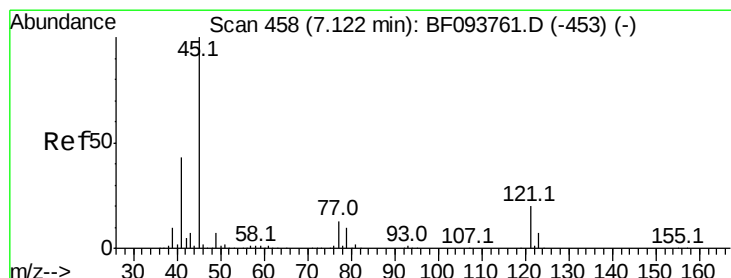
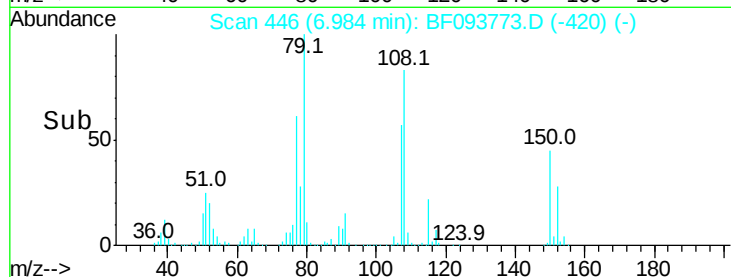
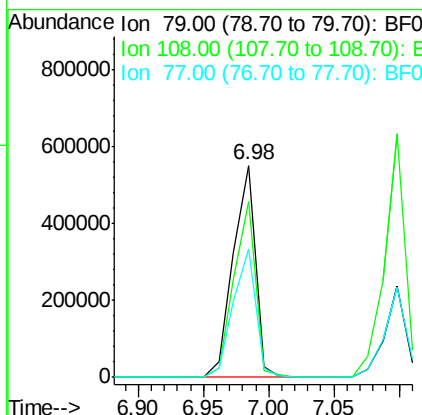
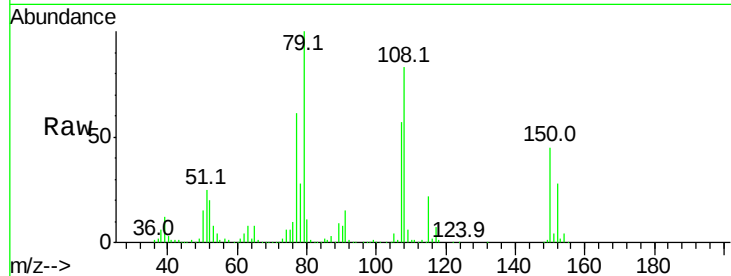
#15
Benzyl Alcohol
Concen: 55.35 ng
RT: 6.98 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.8	63.4	95.0
77	60.7	49.2	73.8

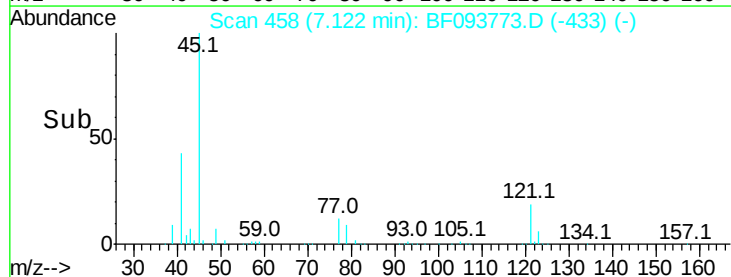
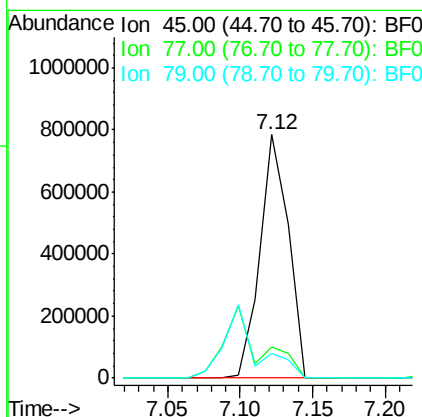
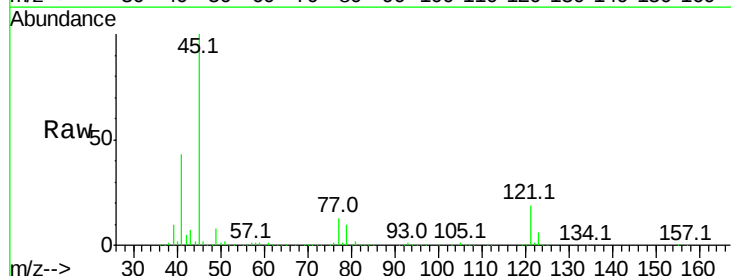
Manual Integrations
APPROVED

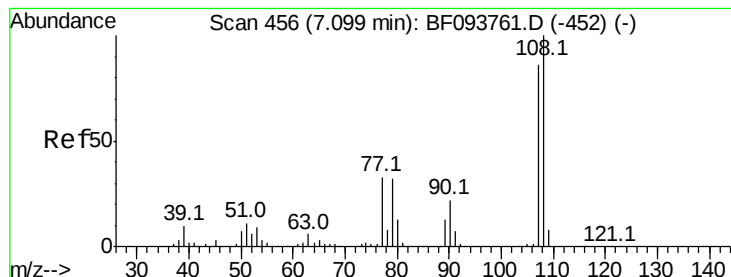
mohammad
3/21/2017 2:45:23 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.00 ng
RT: 7.12 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	33.2
79	10.0	0.0	30.0





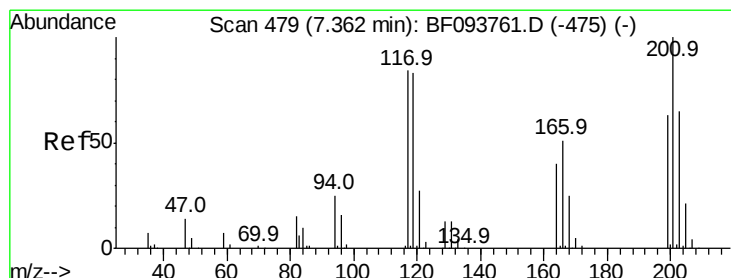
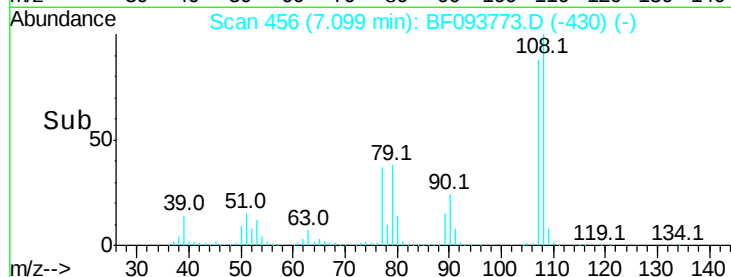
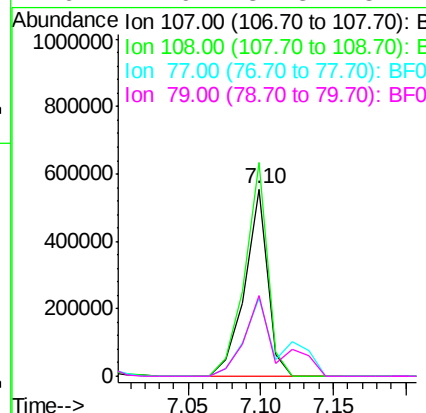
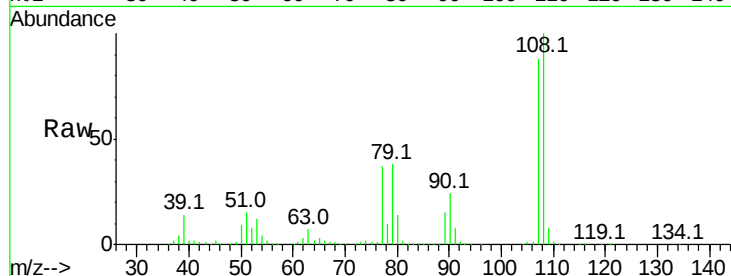
#17
2-Methylphenol
Concen: 49.00 ng
RT: 7.10 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.2	93.4	140.0	
77	42.0	35.8	53.6	
79	42.9	34.8	52.2	

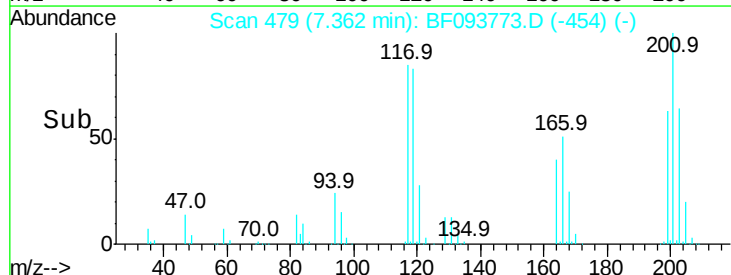
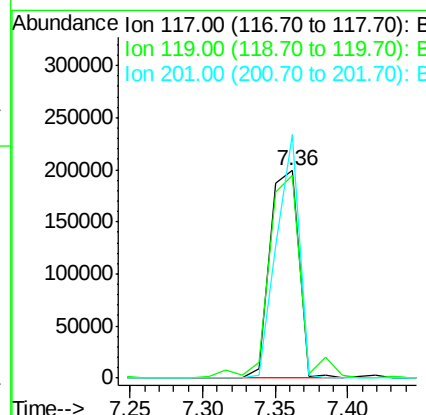
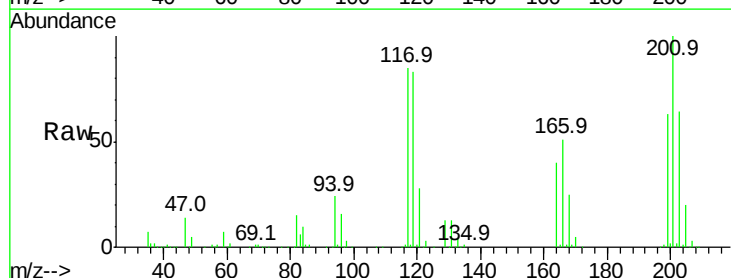
Manual Integrations
APPROVED

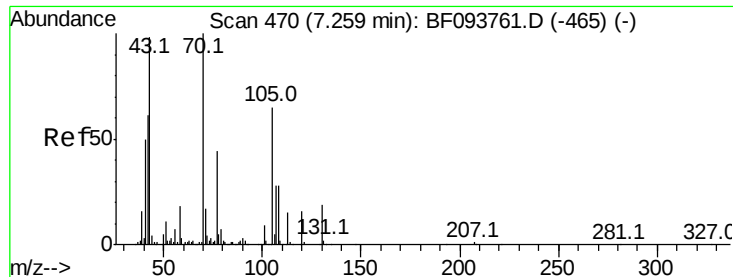
mohammad
3/21/2017 2:45:23 PM



#18
Hexachloroethane
Concen: 47.44 ng
RT: 7.36 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	77.4	116.0	
201	117.3	94.6	141.8	





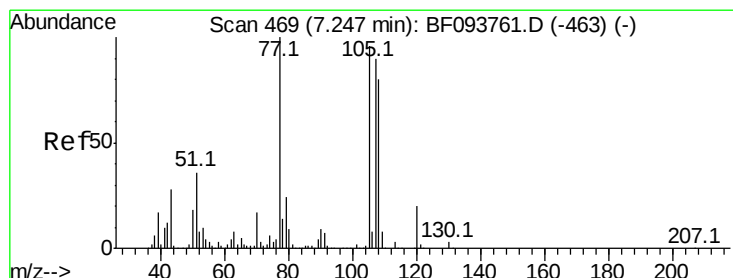
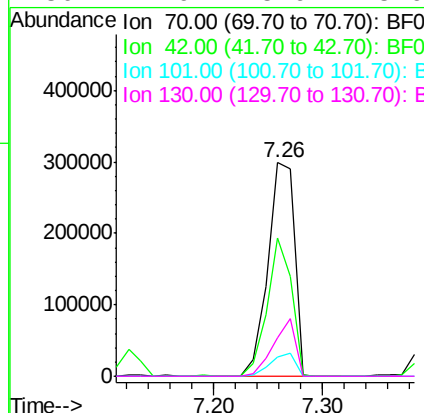
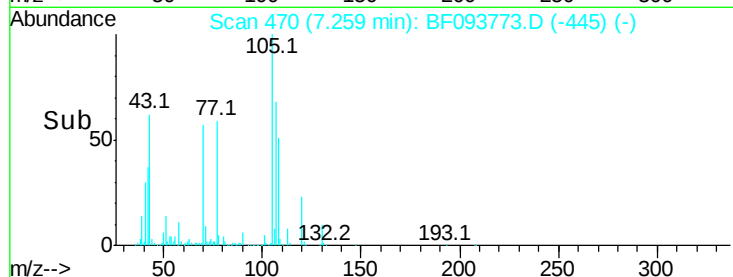
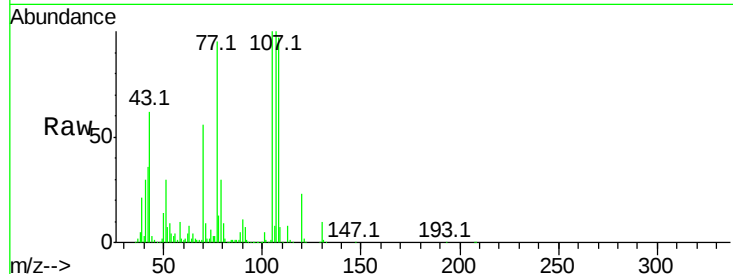
#19
n-Nitroso-di-n-propylamine
Concen: 49.04 ng
RT: 7.26 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.5	47.2	70.8
101	8.9	7.2	10.8
130	17.9	15.9	23.9

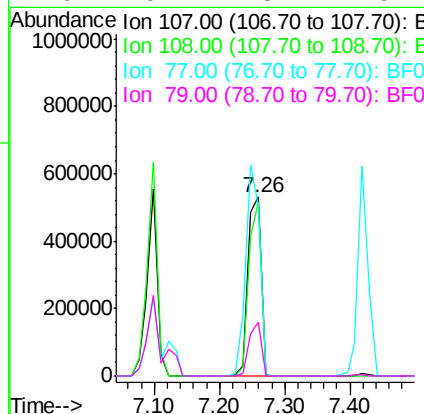
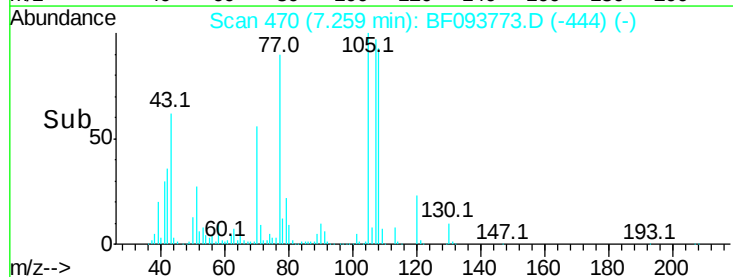
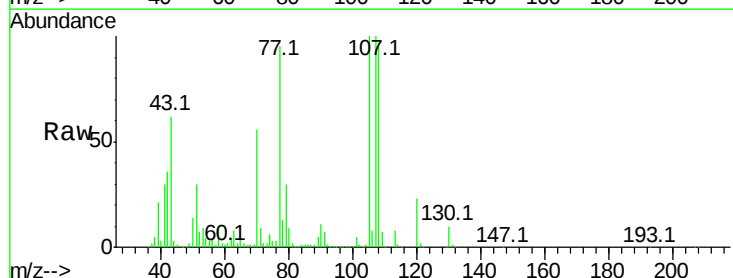
Manual Integrations
APPROVED

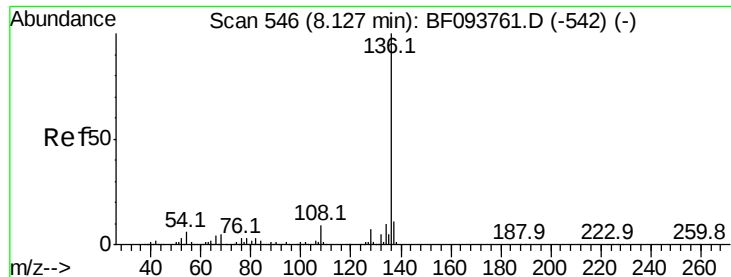
mohammad
3/21/2017 2:45:23 PM



#20
3+4-Methylphenols
Concen: 49.51 ng
RT: 7.26 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	97.5	71.0	111.0
77	95.1	90.5	130.5
79	29.7	8.4	48.4





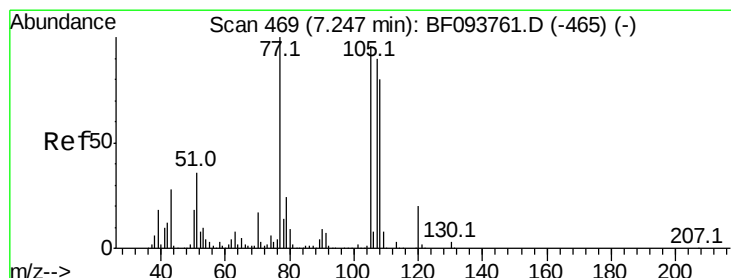
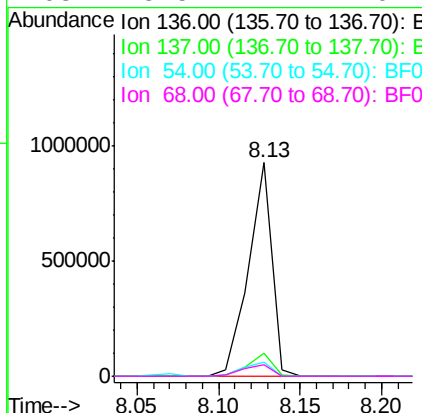
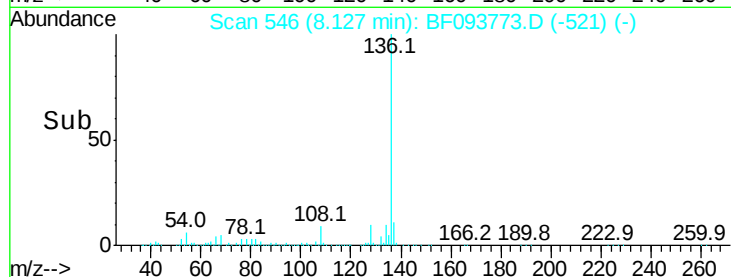
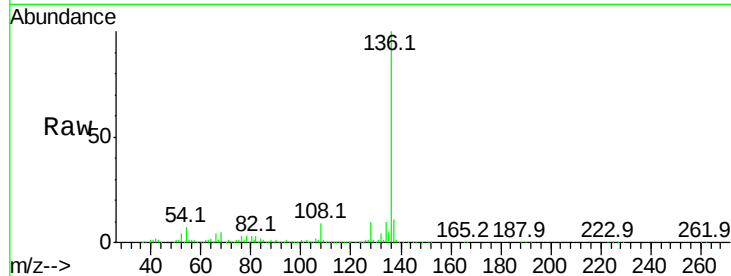
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.5	4.9	7.3
68	5.5	4.1	6.1

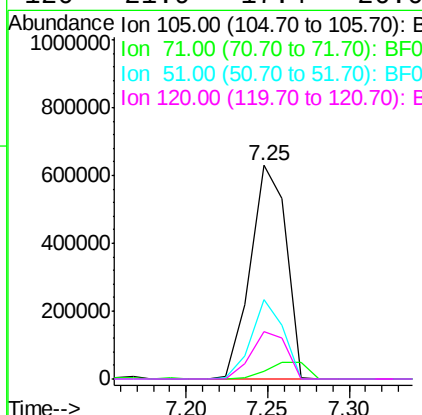
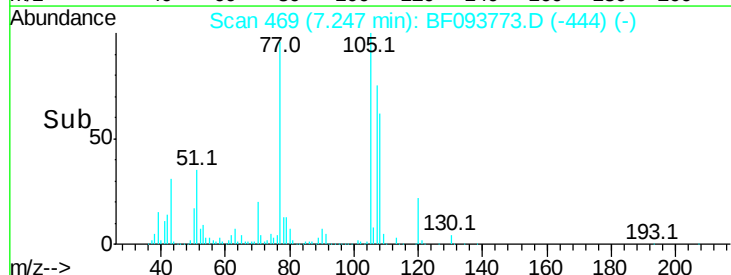
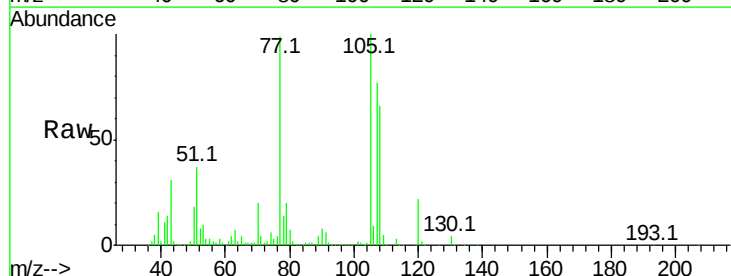
Manual Integrations
APPROVED

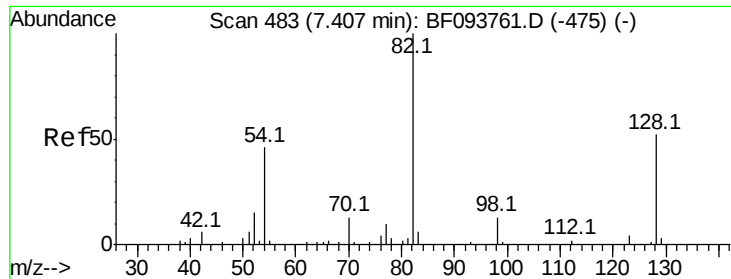
mohammad
3/21/2017 2:45:23 PM



#22
Acetophenone
Concen: 47.71 ng
RT: 7.25 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.7	2.8	4.2
51	37.2	30.7	46.1
120	21.9	17.4	26.0





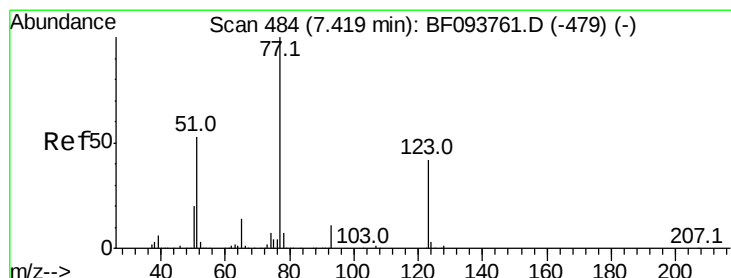
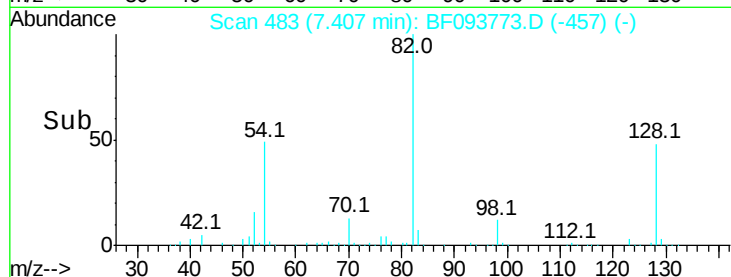
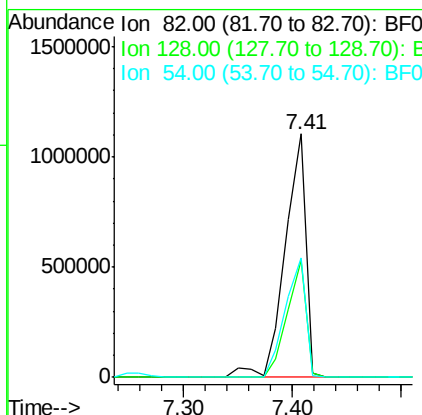
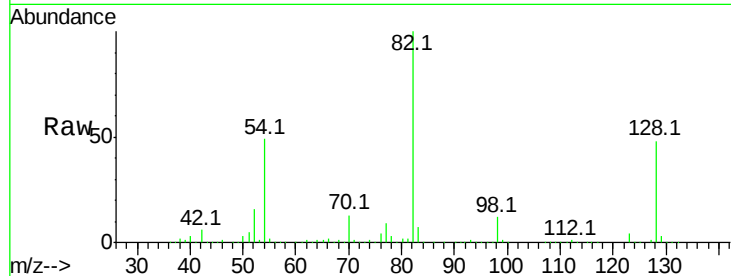
#23
 Nitrobenzene-d5
 Concen: 90.82 ng
 RT: 7.41 min Scan# 483
 Delta R.T. 0.00 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.0	51.0
54	48.9	42.2	63.2

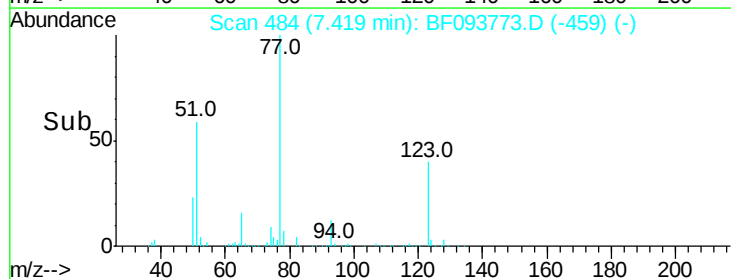
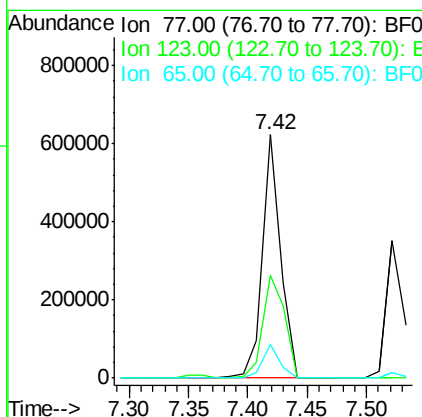
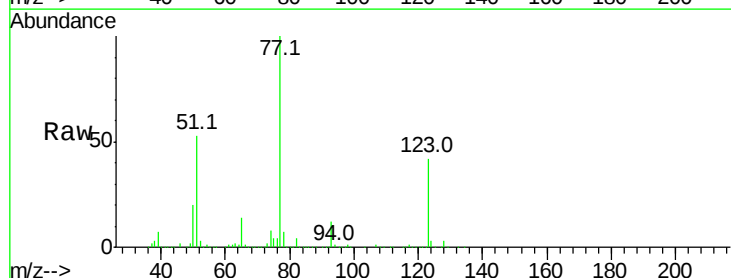
Manual Integrations
 APPROVED

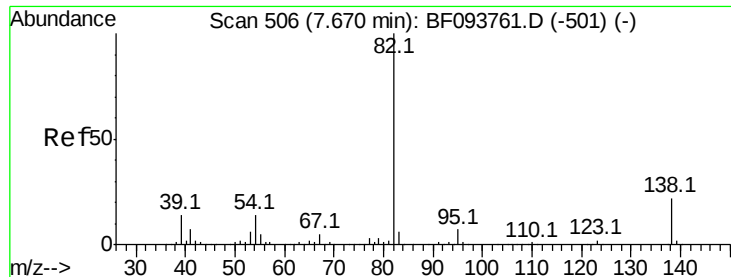
mohammad
 3/21/2017 2:45:23 PM



#24
 Nitrobenzene
 Concen: 43.28 ng
 RT: 7.42 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.3	35.8	53.8
65	13.8	10.6	15.8





#25

Isophorone

Concen: 50.32 ng

RT: 7.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)MS

Tot Ion: 82 Resp: 1451398

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

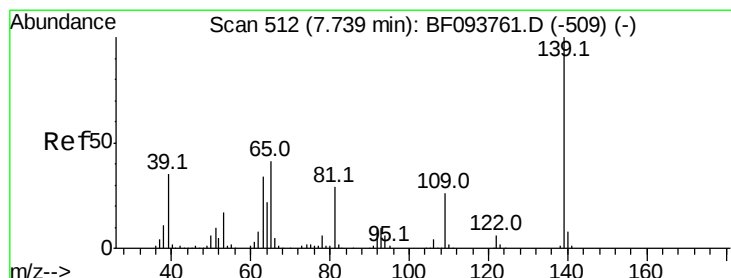
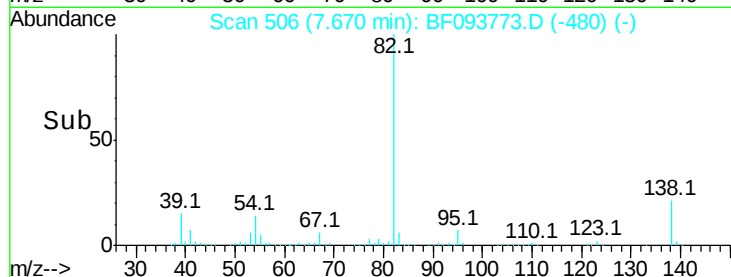
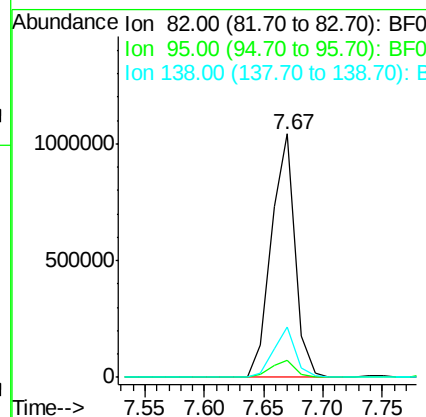
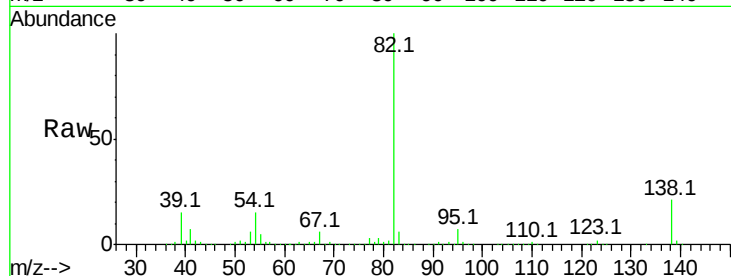
138 20.5 13.1 19.7#

Manual Integrations

APPROVED

mohammad

3/21/2017 2:45:23 PM



#26

2-Nitrophenol

Concen: 54.29 ng

RT: 7.74 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

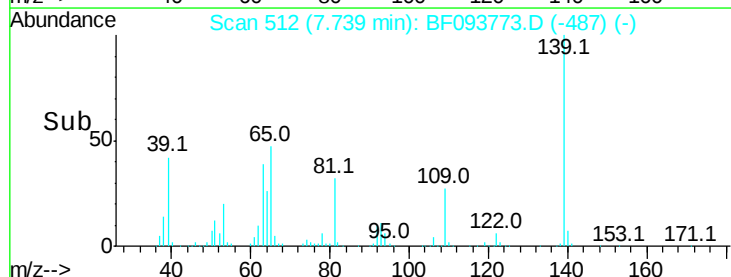
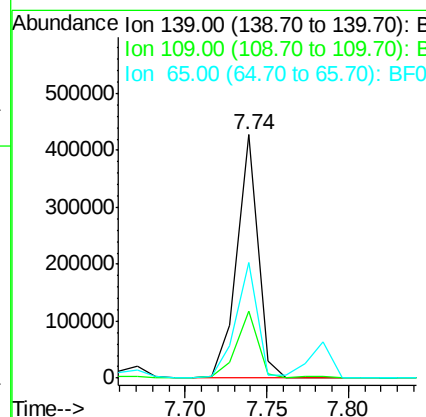
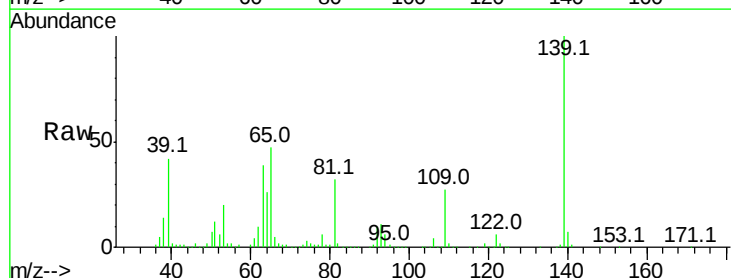
Tgt Ion:139 Resp: 381924

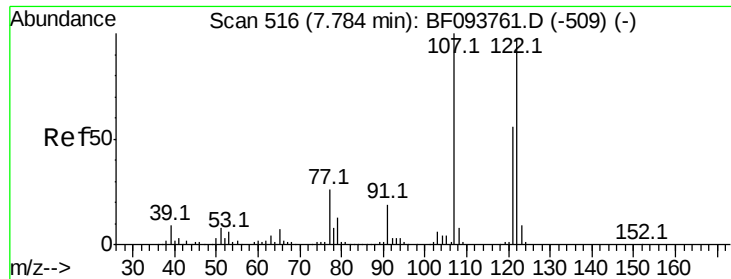
Ion Ratio Lower Upper

139 100

109 27.5 21.0 31.6

65 47.4 33.0 49.6





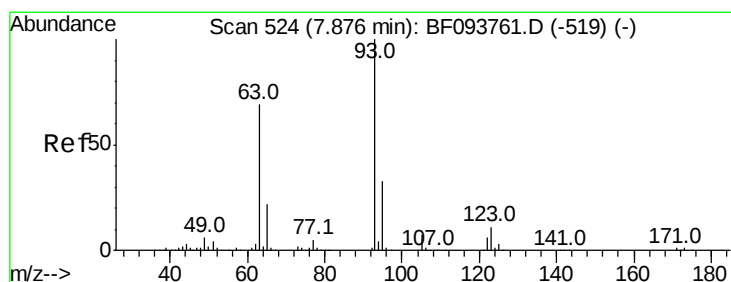
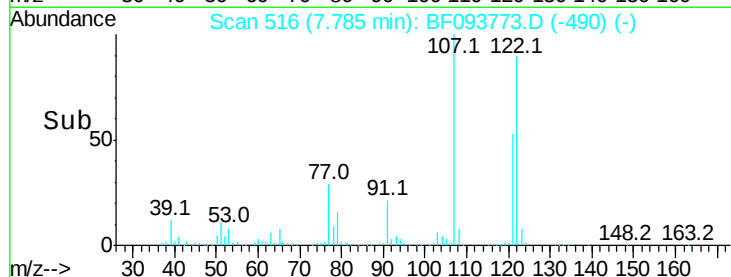
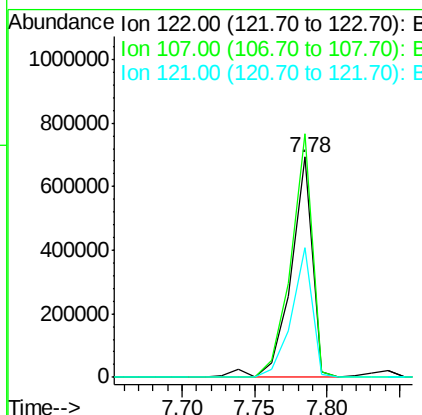
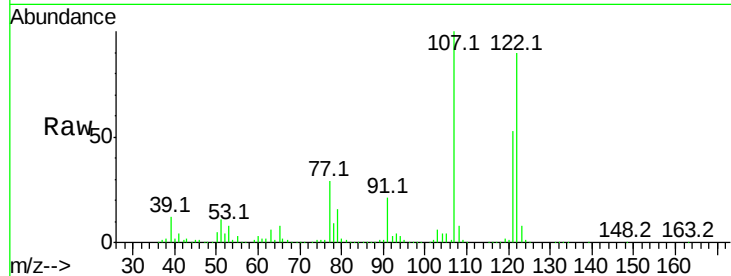
#27
2,4-Dimethylphenol
Concen: 49.79 ng
RT: 7.78 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.5	89.2	133.8
121	59.1	45.2	67.8

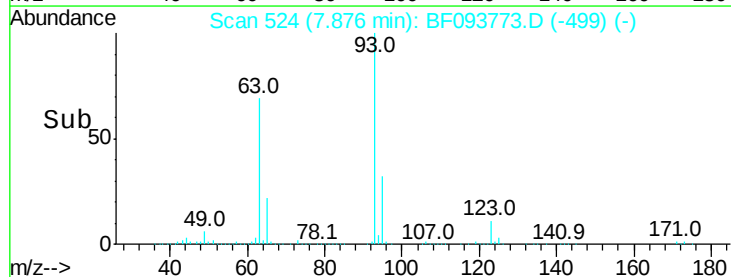
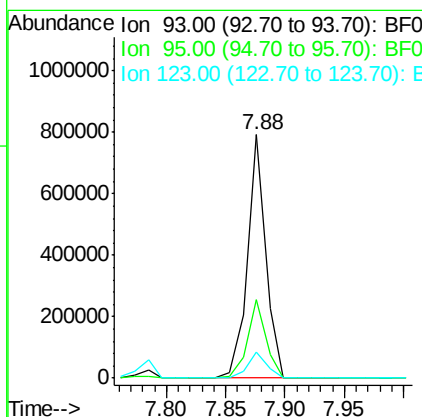
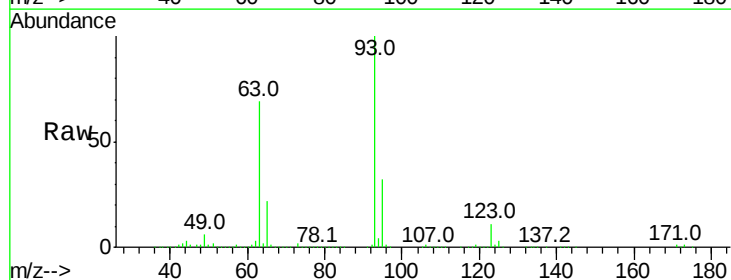
Manual Integrations
APPROVED

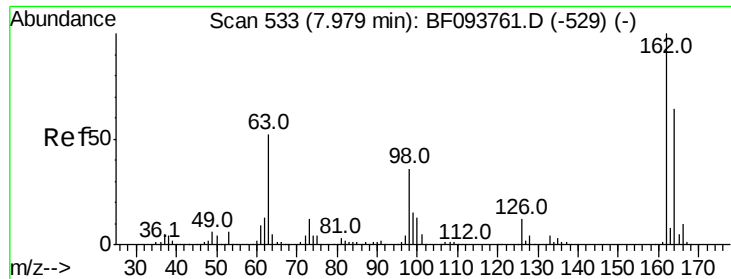
mohammad
3/21/2017 2:45:23 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.06 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.5	39.7
123	10.5	9.0	13.4





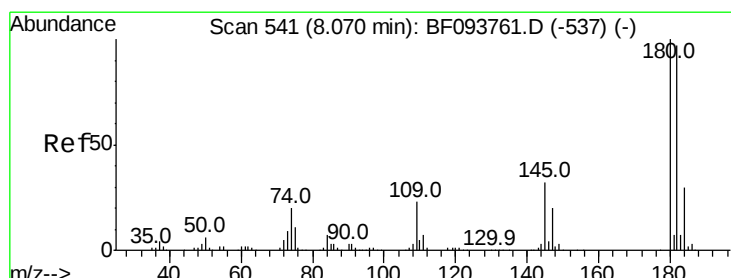
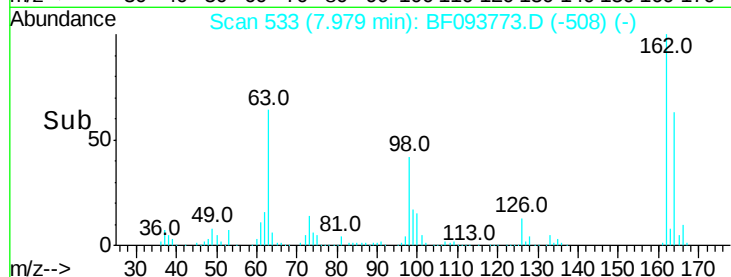
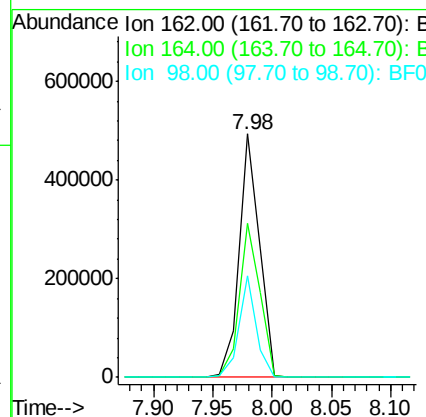
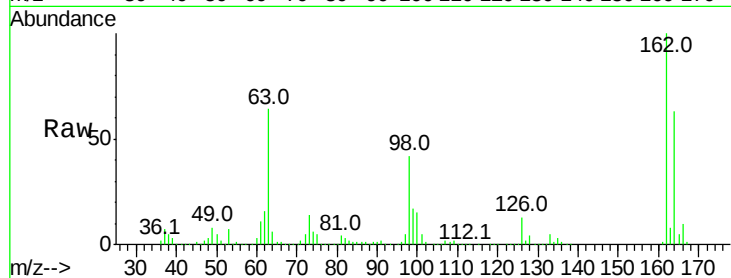
#29
2,4-Dichlorophenol
Concen: 47.92 ng
RT: 7.98 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.2	44.6	84.6
98	41.8	14.8	54.8

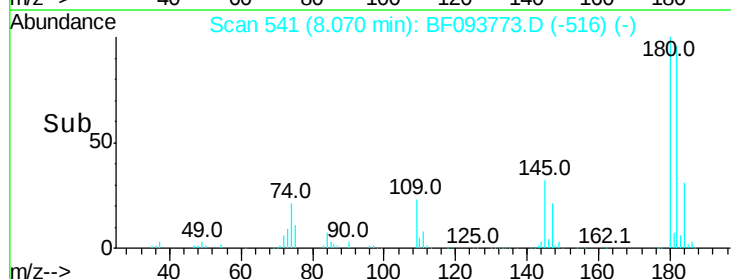
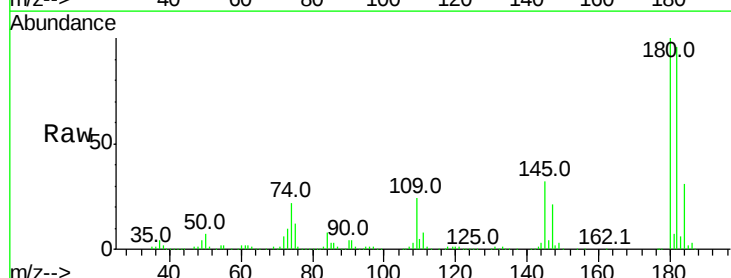
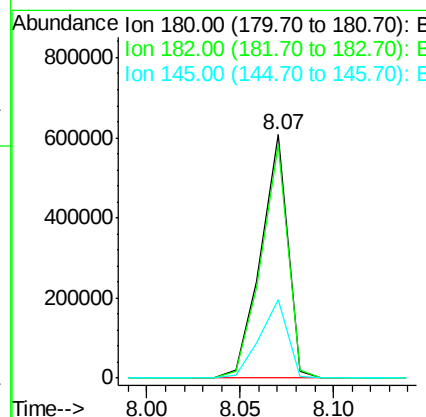
Manual Integrations
APPROVED

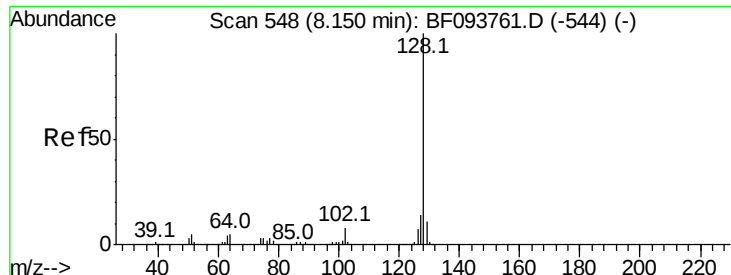
mohammad
3/21/2017 2:45:23 PM



#30
1,2,4-Trichlorobenzene
Concen: 47.46 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.9	75.8	113.6
145	32.5	25.3	37.9





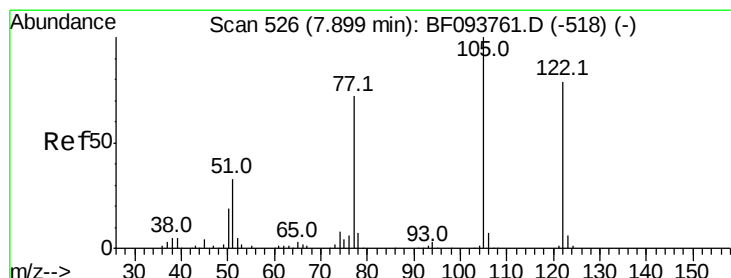
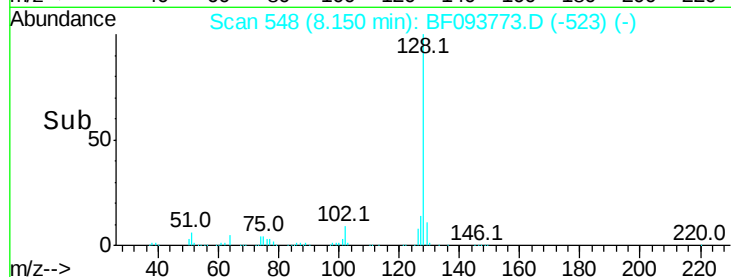
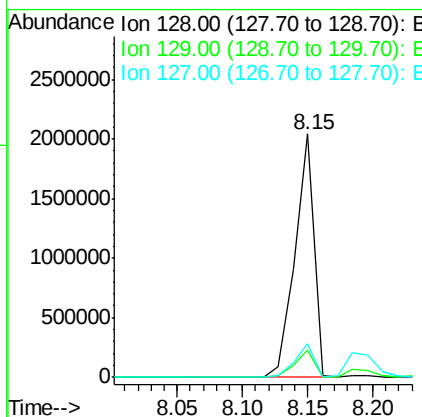
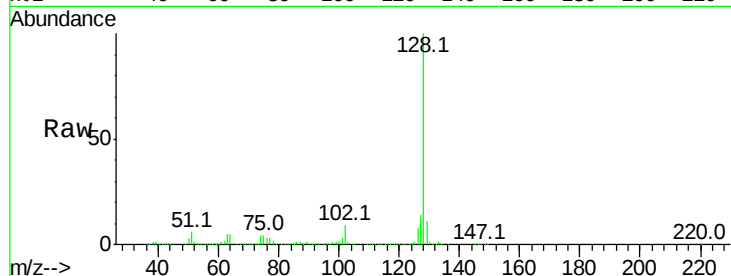
#31
Naphthalene
Concen: 48.88 ng
RT: 8.15 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion:128 Resp: 2095659
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.9 10.8 16.2

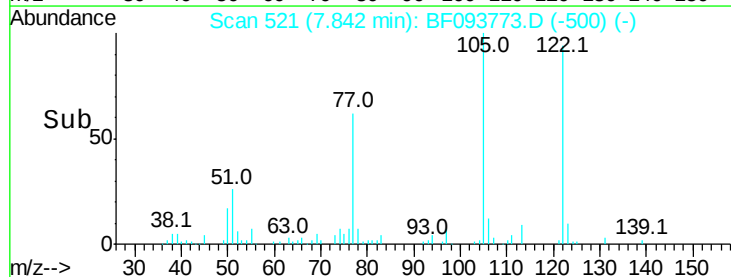
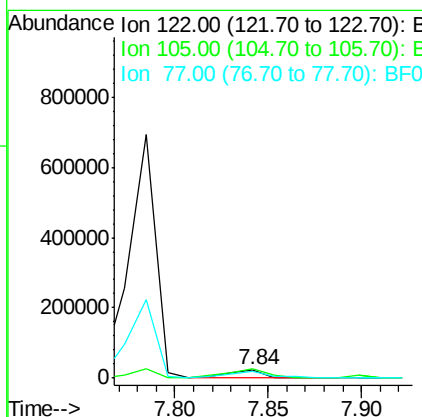
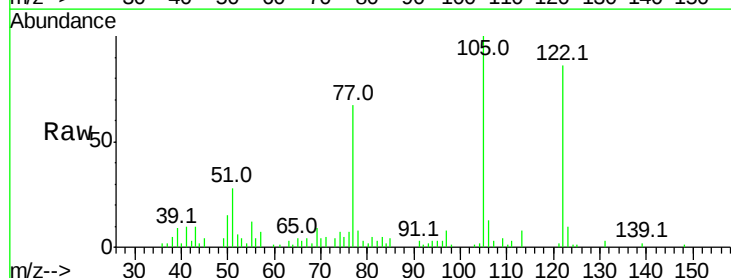
Manual Integrations
APPROVED

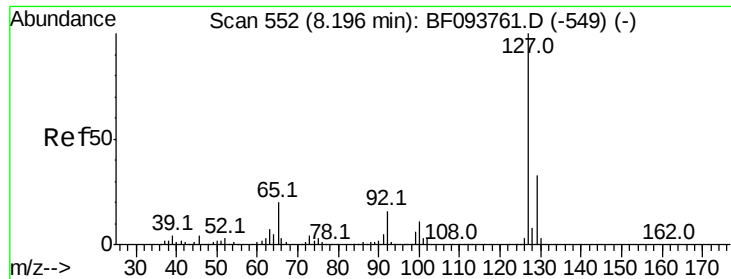
mohammad
3/21/2017 2:45:23 PM



#32
Benzoic acid
Concen: 3.38 ng
RT: 7.84 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion:122 Resp: 30435
Ion Ratio Lower Upper
122 100
105 115.6 103.3 143.3
77 77.5 73.7 113.7





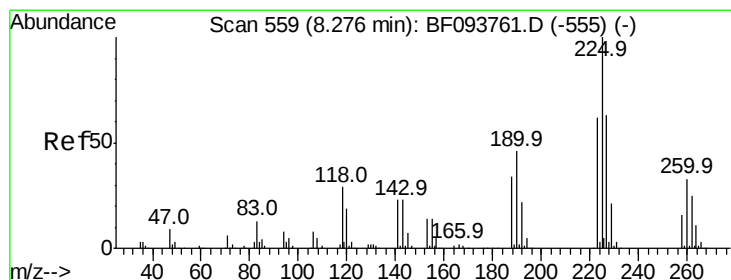
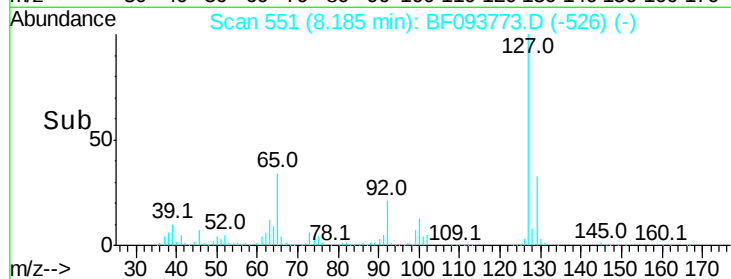
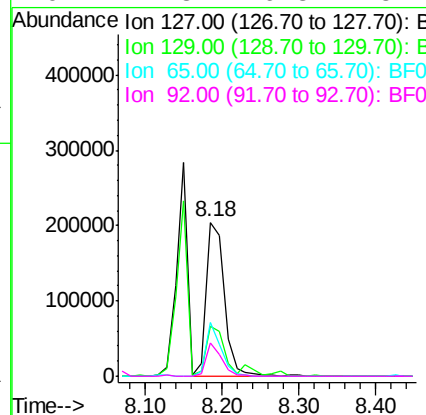
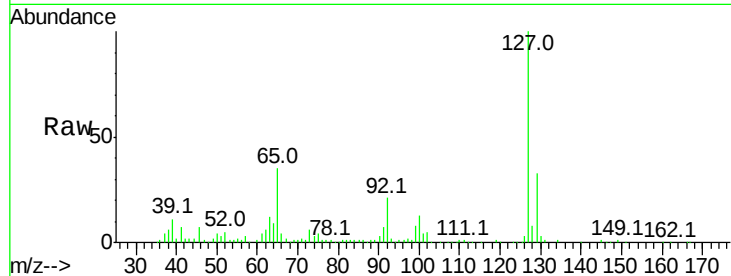
#33
4-Chloroaniline
Concen: 18.09 ng
RT: 8.18 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	26.2	39.2	
65	34.7	27.8	41.8	
92	21.3	16.8	25.2	

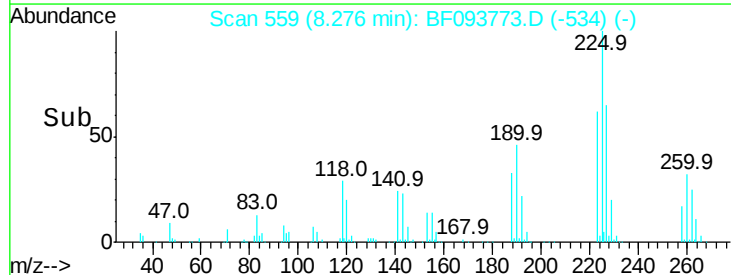
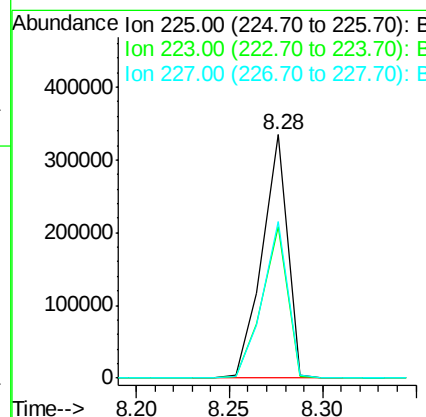
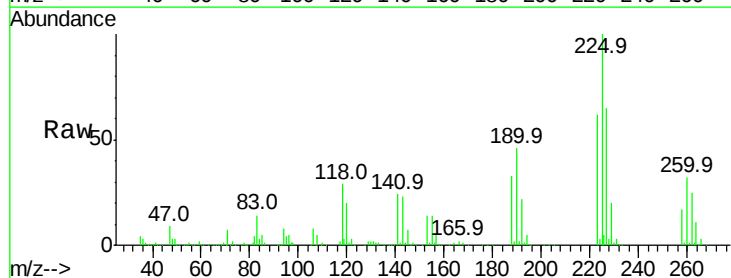
Manual Integrations
APPROVED

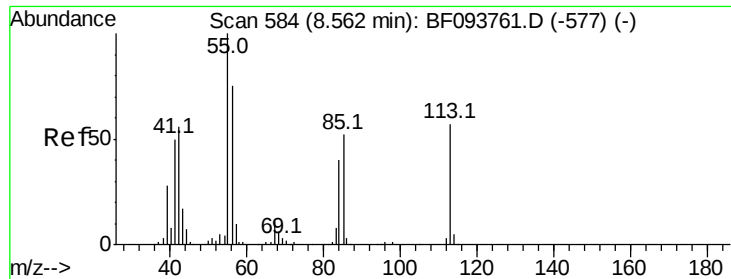
mohammad
3/21/2017 2:45:23 PM



#34
Hexachlorobutadiene
Concen: 46.93 ng
RT: 8.28 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	48.8	73.2	
227	64.5	51.1	76.7	





#35

Caprolactam

Concen: 52.32 ng/ml

RT: 8.56 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)MS

Tot Ion:113 Resp: 202241

Ion Ratio Lower Upper

113 100

55 175.8 150.2 190.2

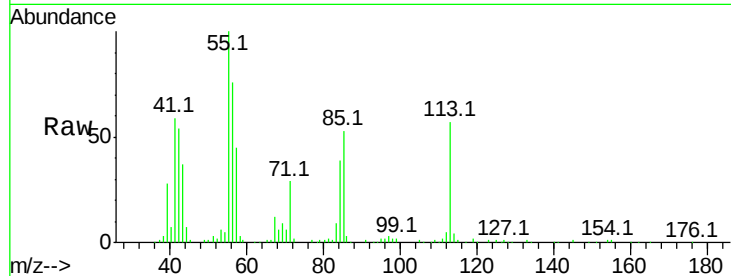
56 133.9 107.8 147.8

Manual Integrations

APPROVED

mohammad

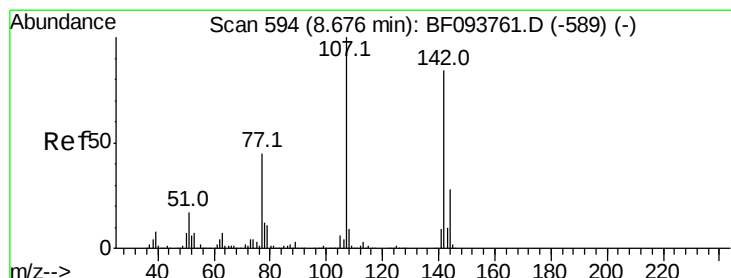
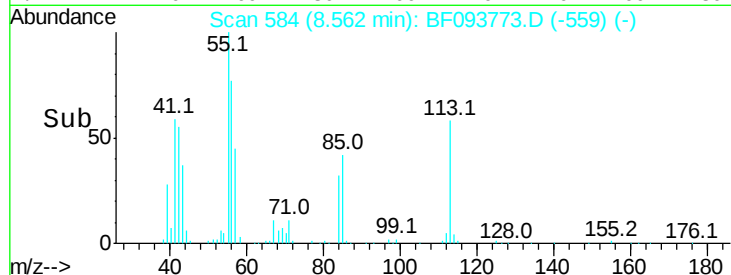
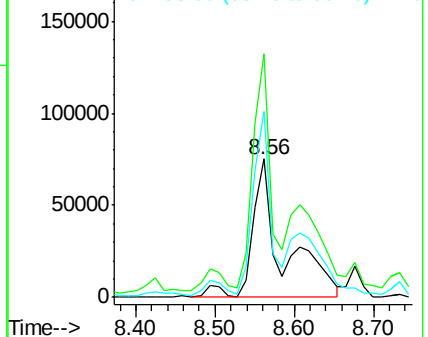
3/21/2017 2:45:23 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 47.20 ng/ml

RT: 8.68 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

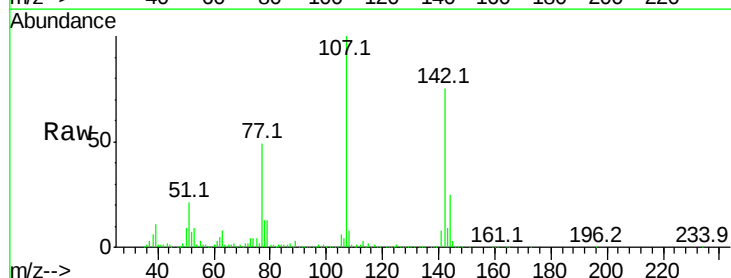
Tgt Ion:107 Resp: 602295

Ion Ratio Lower Upper

107 100

144 24.6 24.2 36.4

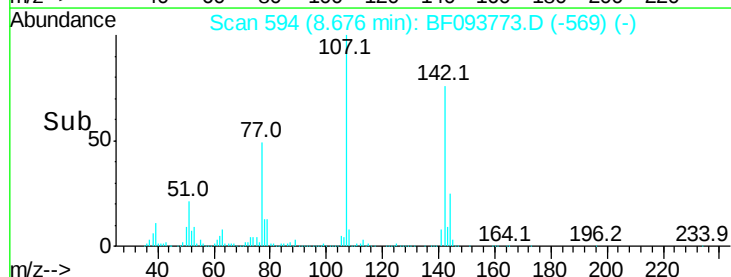
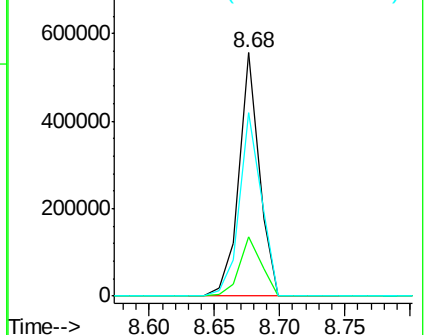
142 75.5 73.4 110.0

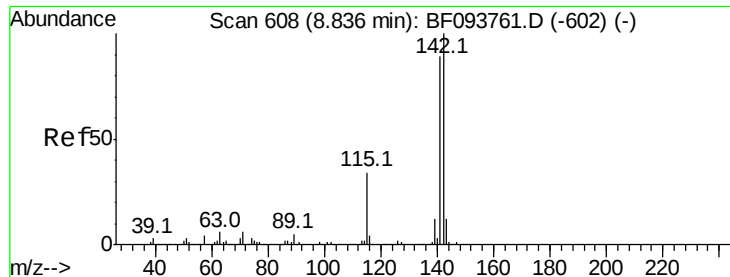


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





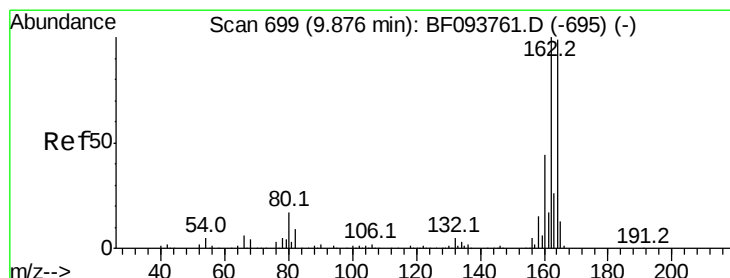
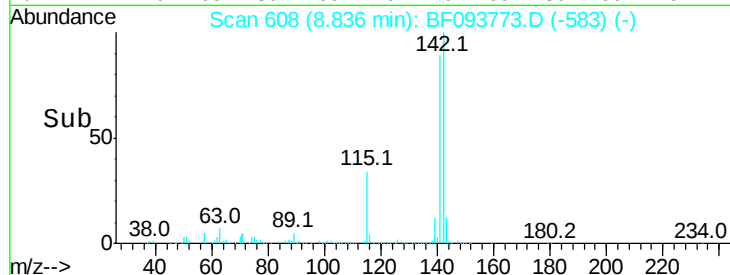
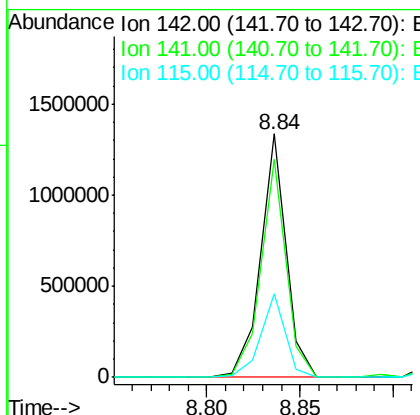
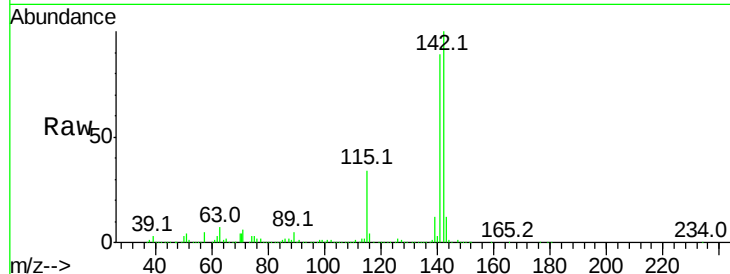
#37
2-Methylnaphthalene
Concen: 44.87 ng
RT: 8.84 min Scan# 608
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9
115	34.5	27.1	40.7

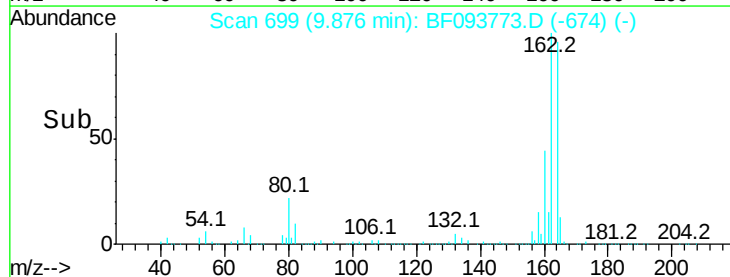
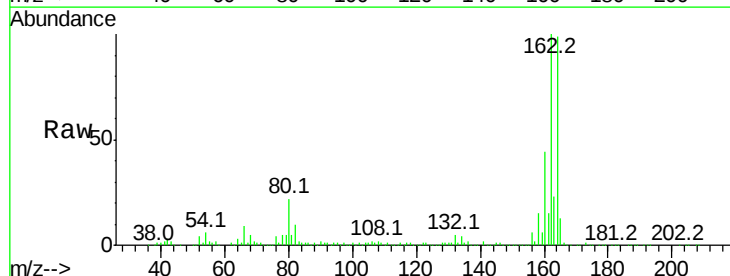
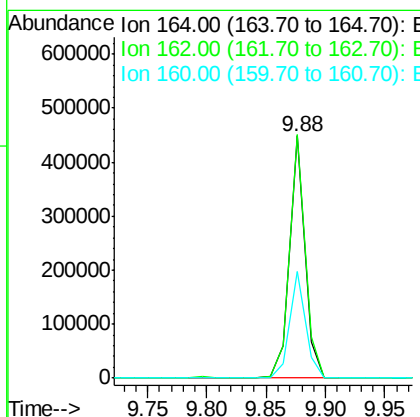
Manual Integrations
APPROVED

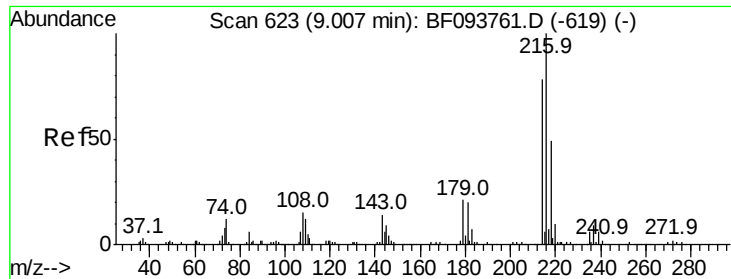
mohammad
3/21/2017 2:45:23 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.6	123.8
160	44.3	36.2	54.2





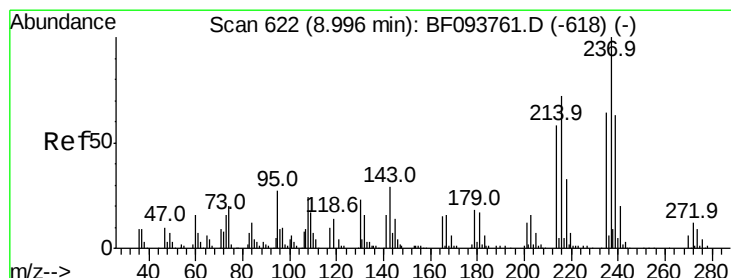
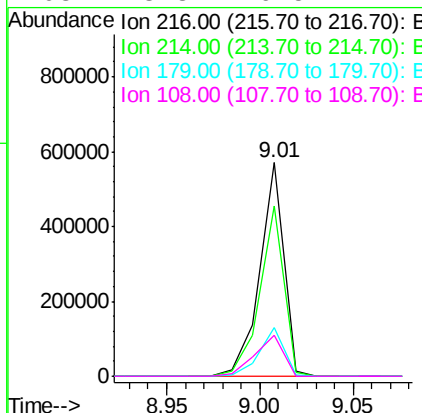
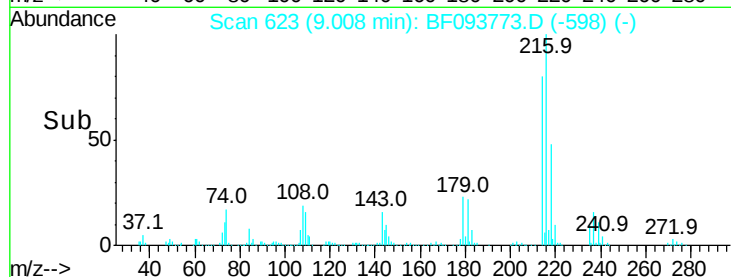
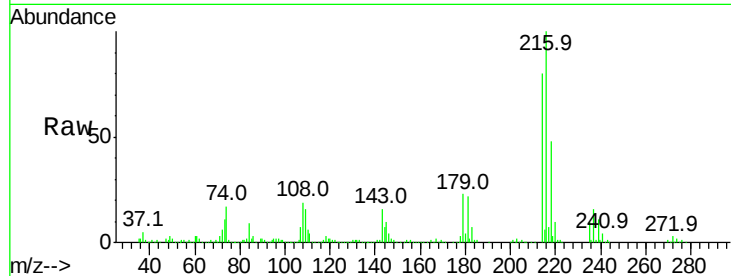
#39
1,2,4,5-Tetrachlorobenzene
Concen: 47.94 ng
RT: 9.01 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	505365		
214	80.1	63.4	95.2	
179	23.7	17.9	26.9	
108	23.3	16.5	24.7	

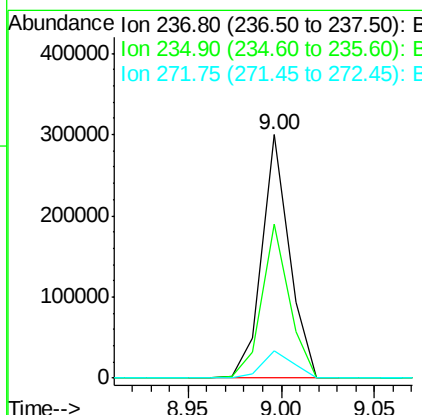
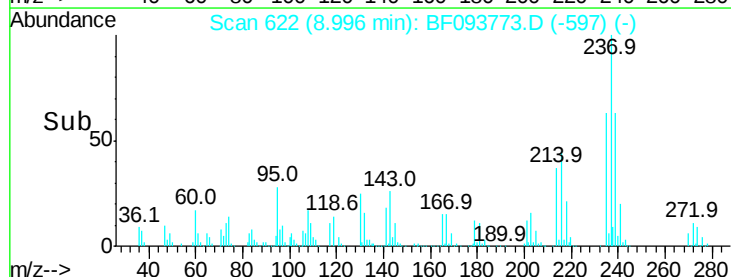
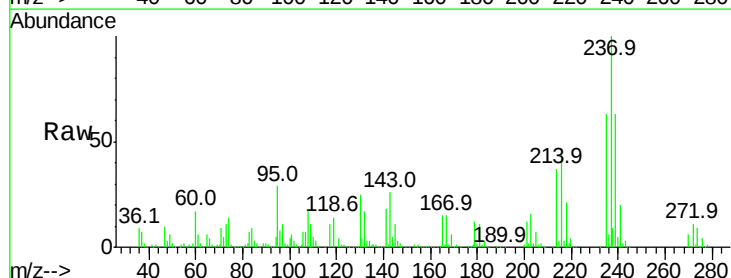
Manual Integrations
APPROVED

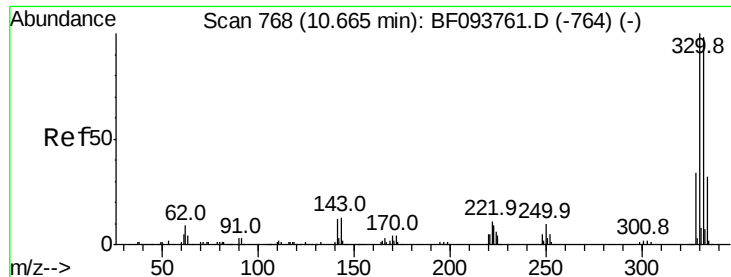
mohammad
3/21/2017 2:45:23 PM



#40
Hexachlorocyclopentadiene
Concen: 57.37 ng
RT: 9.00 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	305114		
235	63.2	42.6	82.6	
272	11.4	0.0	31.9	





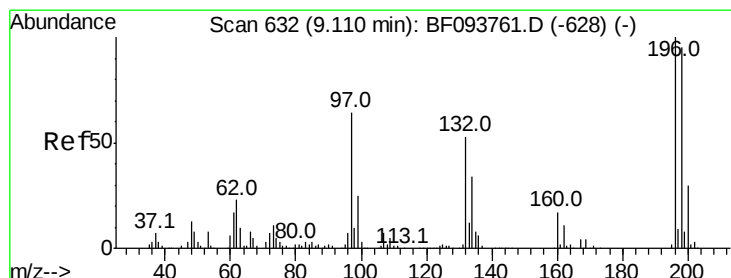
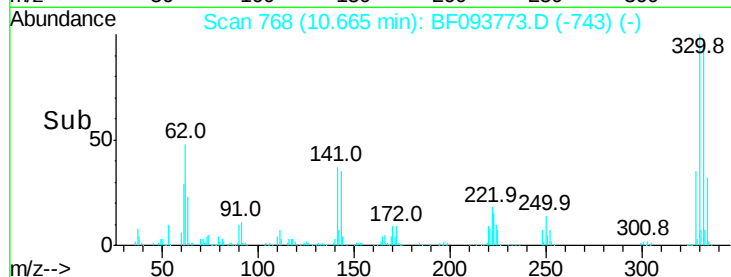
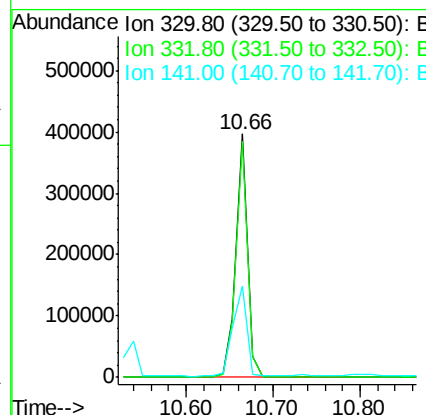
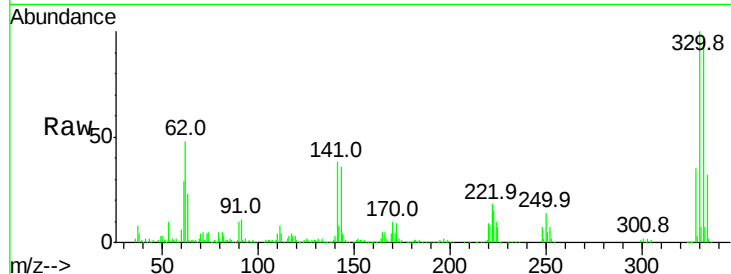
#41
 2,4,6-Tribromophenol
 Concen: 119.44 ng
 RT: 10.66 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B6(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	368235		
332	96.4	76.6	115.0	
141	44.8	31.4	47.2	

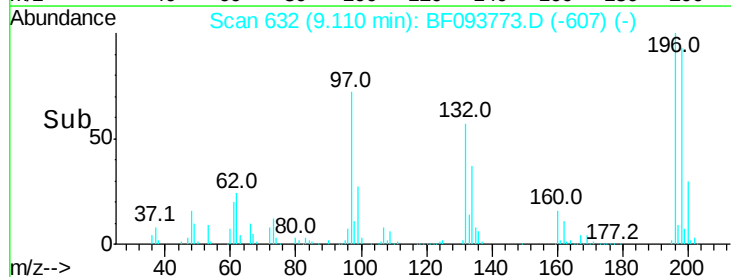
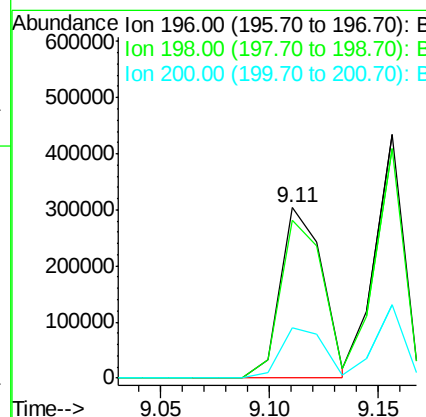
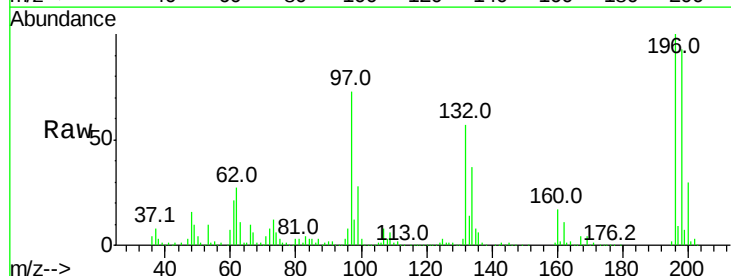
Manual Integrations
 APPROVED

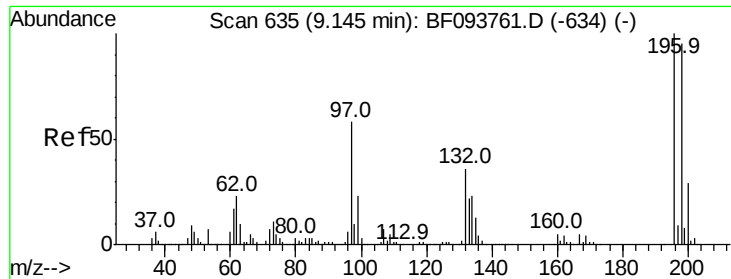
mohammad
 3/21/2017 2:45:23 PM



#42
 2,4,6-Trichlorophenol
 Concen: 53.75 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	411348		
198	92.9	74.2	111.4	
200	29.6	24.0	36.0	





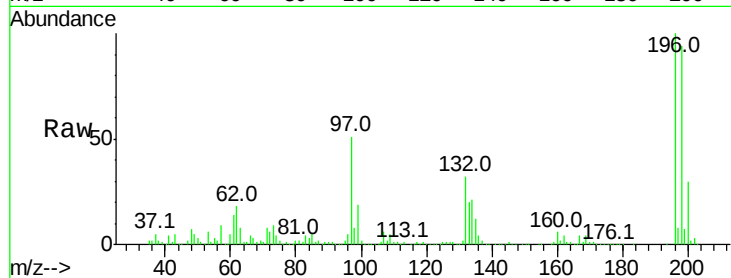
#43
 2,4,5-Trichlorophenol
 Concen: 50.74 ng
 RT: 9.16 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B6(0-5)MS

Tot Ion	196	Resp	403069
Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.7	113.5
97	50.8	47.7	71.5
132	31.7	28.0	42.0

Manual Integrations
 APPROVED

mohammad
 3/21/2017 2:45:23 PM



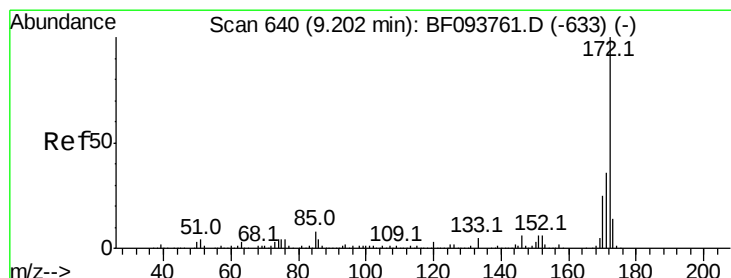
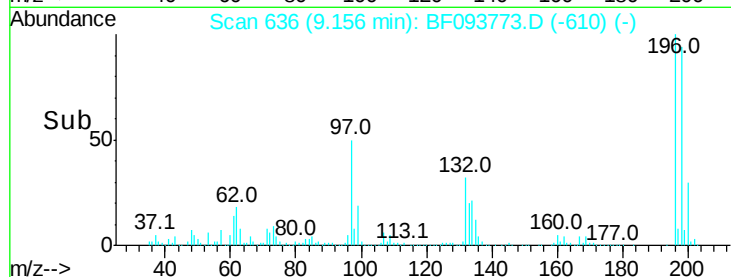
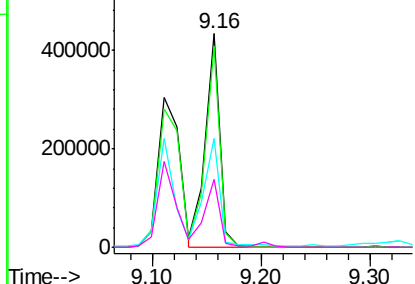
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.47 ng
 RT: 9.20 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

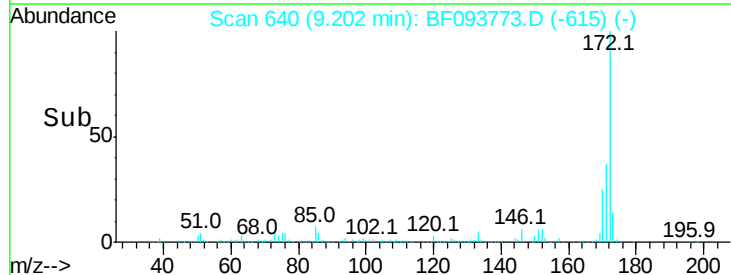
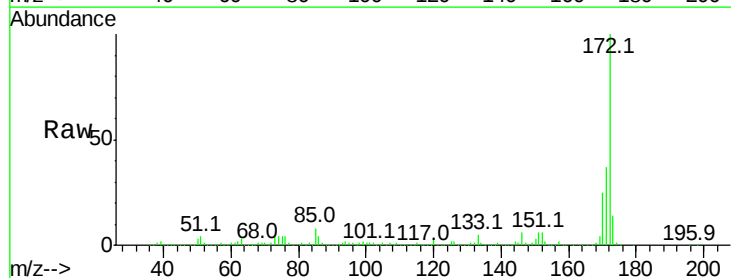
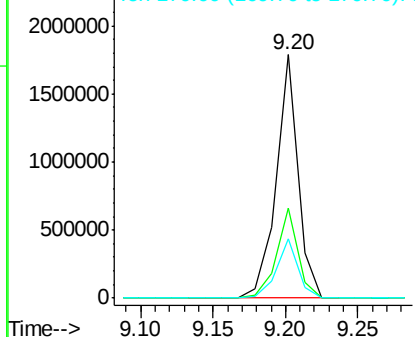
Tgt Ion	172	Resp	1857584
Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	24.6	19.8	29.8

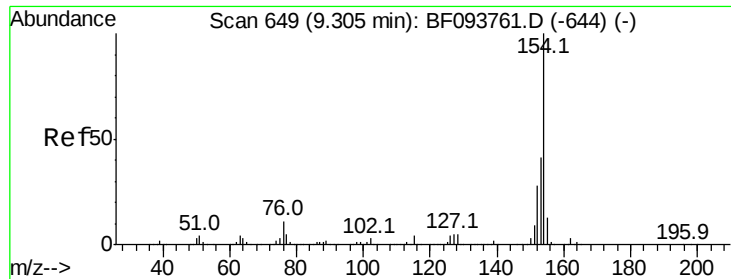
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





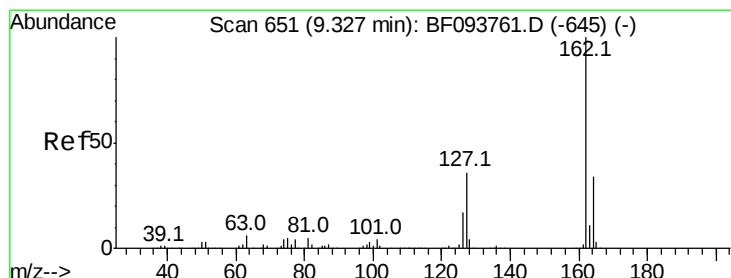
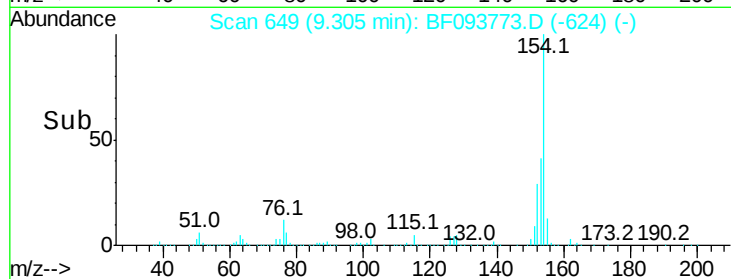
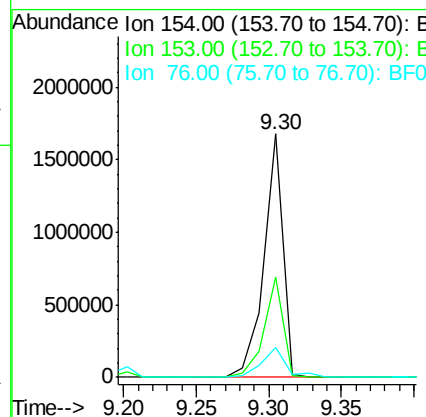
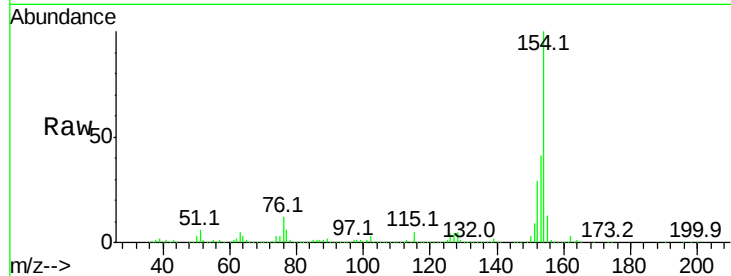
#45
 1,1'-Biphenyl
 Concen: 46.82 ng
 RT: 9.30 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.2	61.2
76	12.5	0.0	29.9

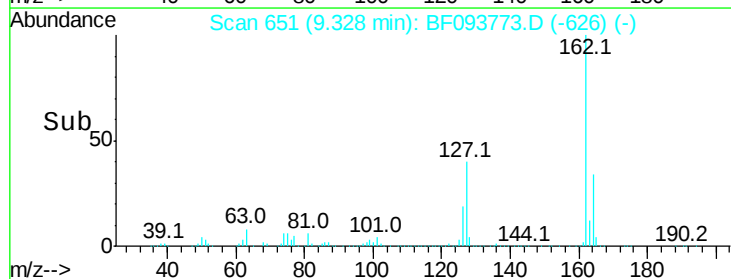
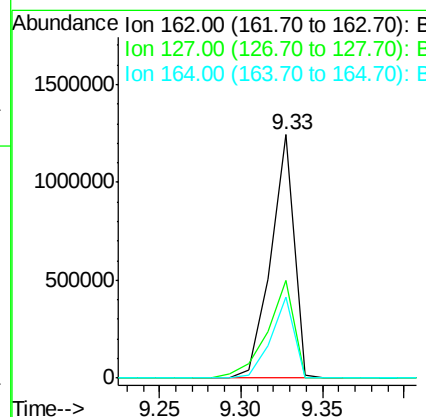
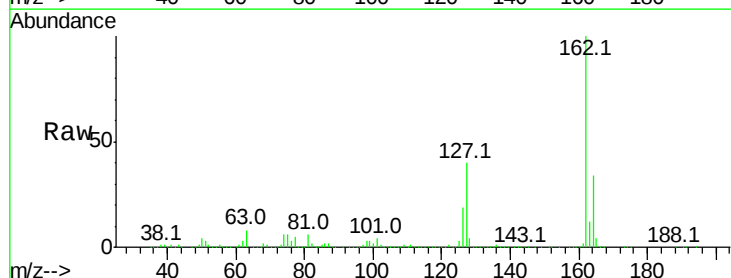
Manual Integrations
 APPROVED

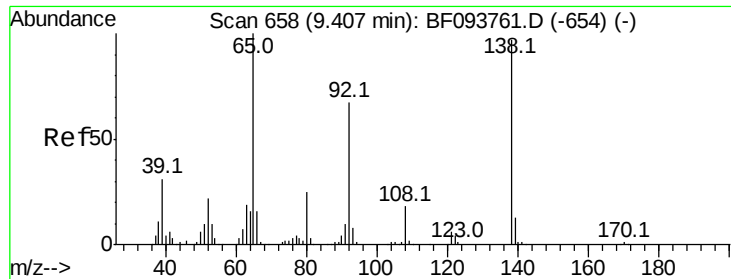
mohammad
 3/21/2017 2:45:23 PM



#46
 2-Chloronaphthalene
 Concen: 50.12 ng
 RT: 9.33 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.0	28.3	42.5
164	33.5	27.0	40.4





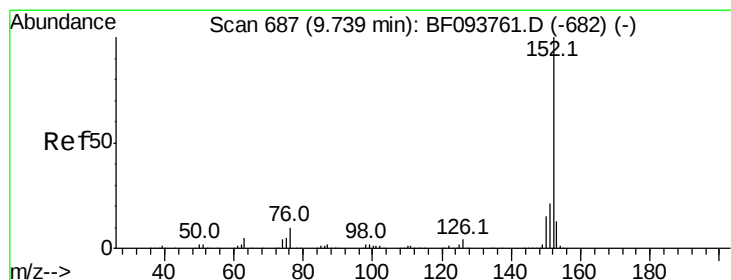
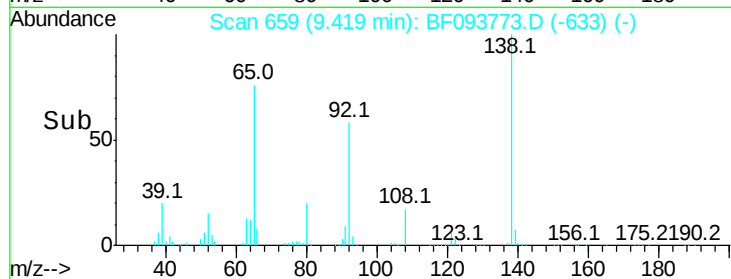
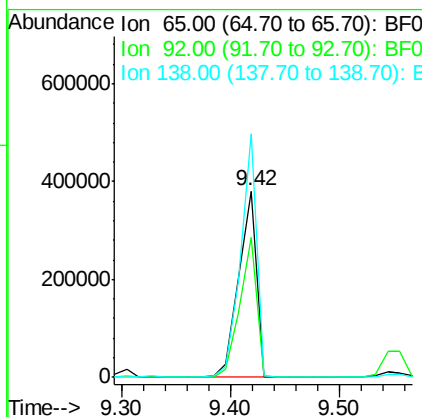
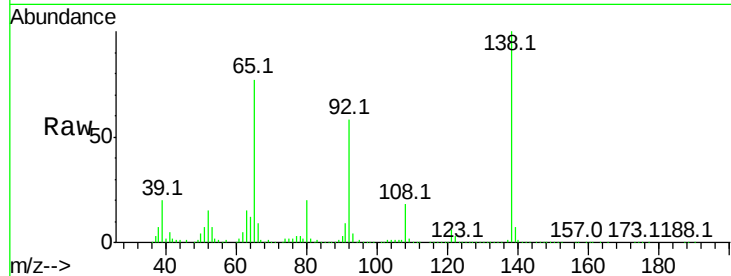
#47
2-Nitroaniline
Concen: 60.91 ng
RT: 9.42 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.4	53.9	80.9
138	130.5	78.8	118.2

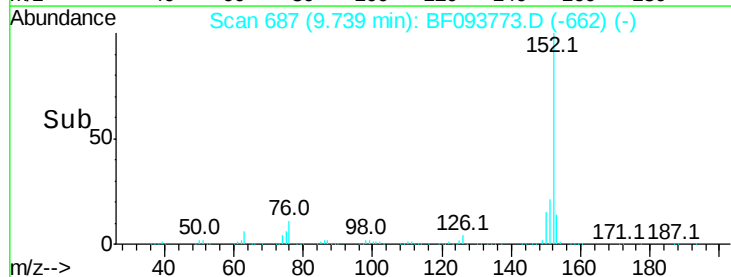
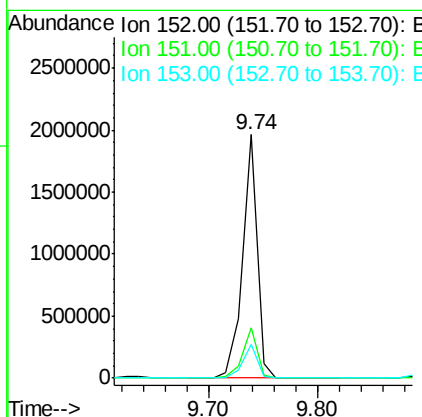
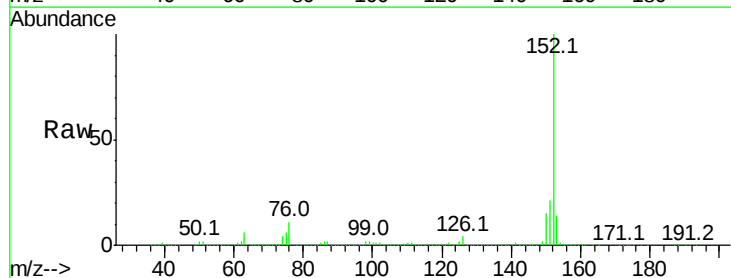
Manual Integrations
APPROVED

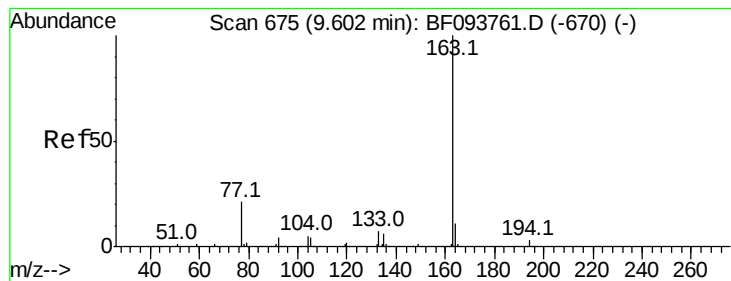
mohammad
3/21/2017 2:45:23 PM



#48
Acenaphthylene
Concen: 44.35 ng
RT: 9.74 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	14.0	10.8	16.2





#49

Dimethylphthalate

Concen: 61.26 ng

RT: 9.61 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)MS

Tot Ion:163 Resp: 1735274

Ion Ratio Lower Upper

163 100

194 4.0 2.6 4.0#

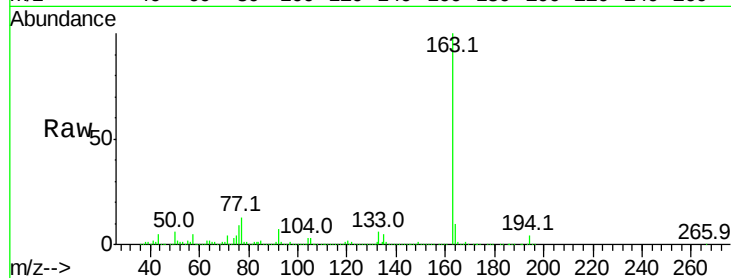
164 10.0 8.4 12.6

Manual Integrations

APPROVED

mohammad

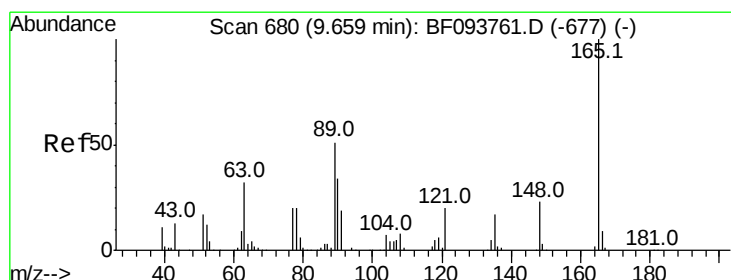
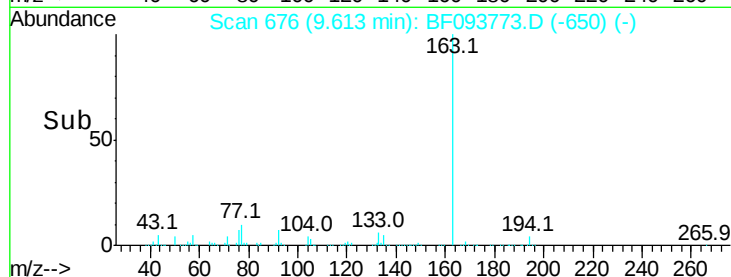
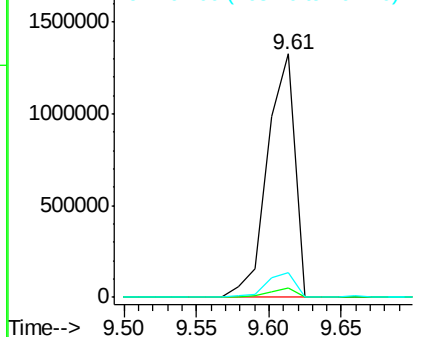
3/21/2017 2:45:23 PM



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.53 ng

RT: 9.66 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

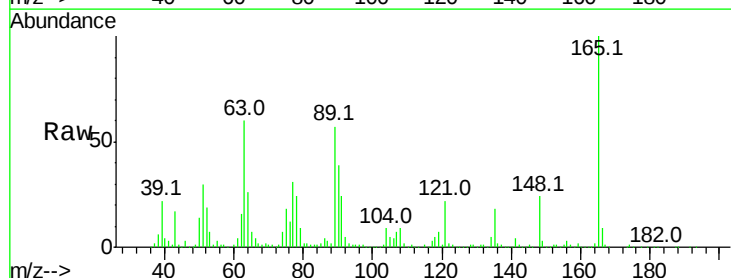
Tgt Ion:165 Resp: 295618

Ion Ratio Lower Upper

165 100

63 59.5 34.3 51.5#

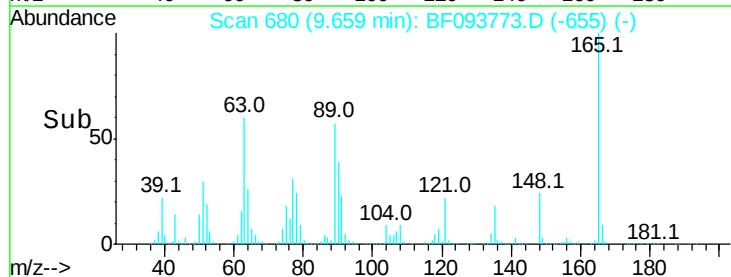
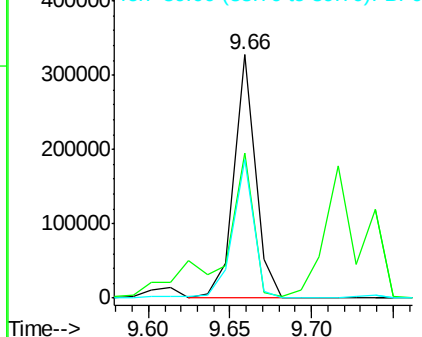
89 57.0 37.1 55.7#

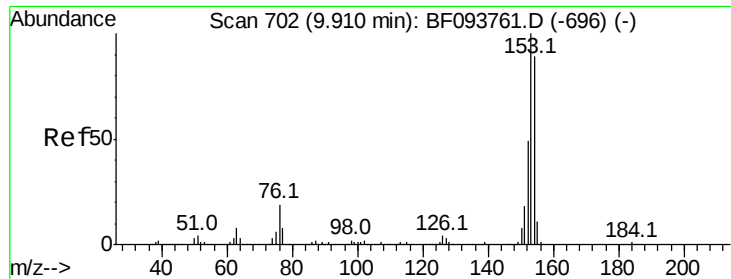


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





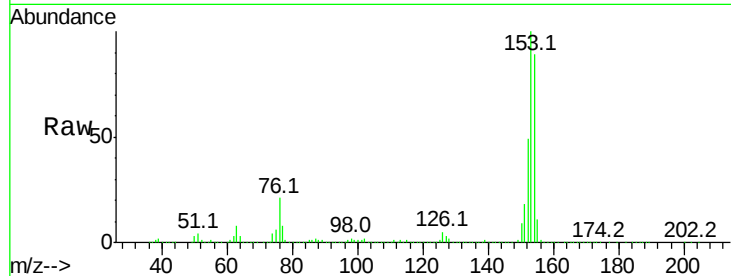
#51
Acenaphthene
Concen: 41.57 ng
RT: 9.91 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

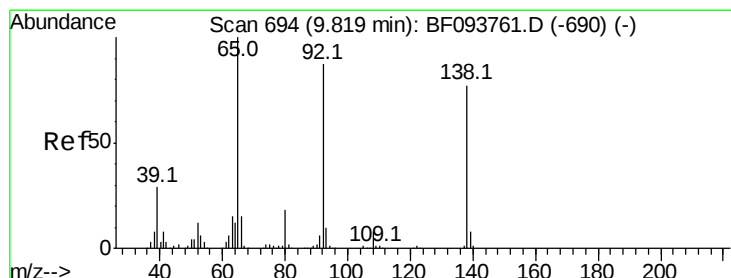
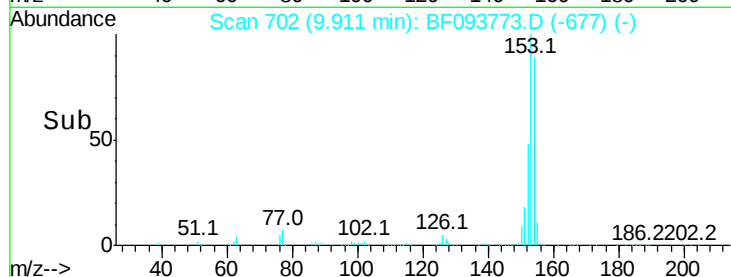
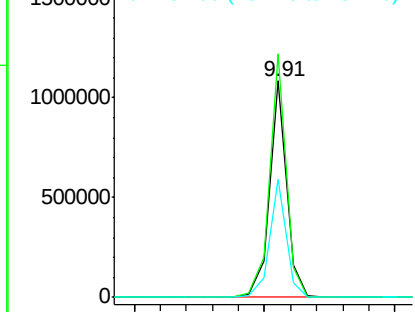
Tot Ion:154 Resp: 1002298
Ion Ratio Lower Upper
154 100
153 112.4 90.5 135.7
152 54.7 43.6 65.4

Manual Integrations
APPROVED

mohammad
3/21/2017 2:45:23 PM

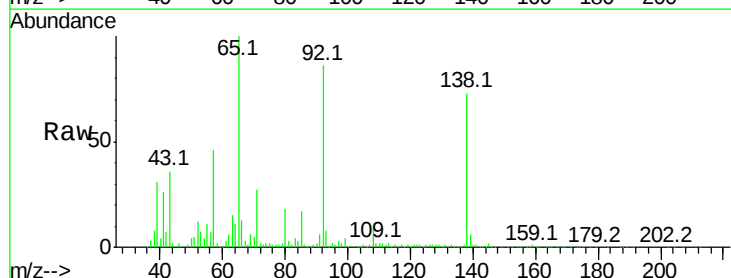


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

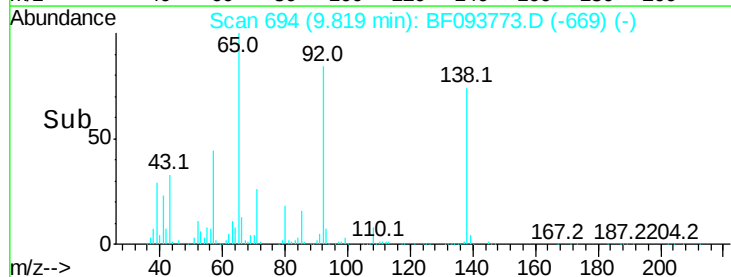
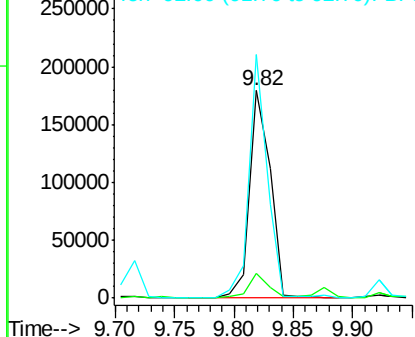


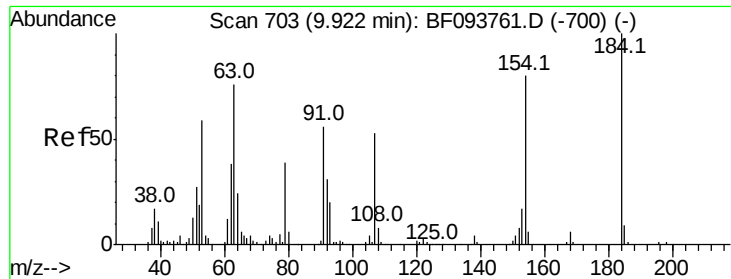
#52
3-Nitroaniline
Concen: 29.11 ng
RT: 9.82 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion:138 Resp: 217335
Ion Ratio Lower Upper
138 100
108 11.8 9.1 13.7
92 117.5 93.8 140.6



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





#53

2,4-Dinitrophenol

Concen: 16.35 ng

RT: 9.92 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

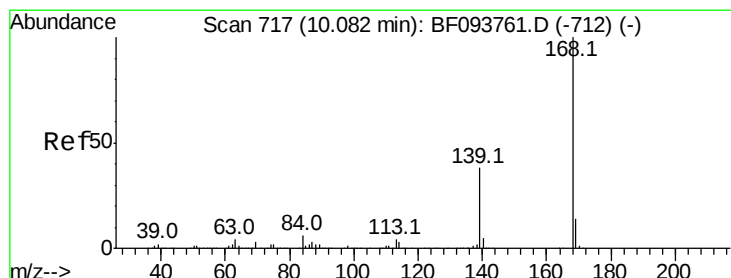
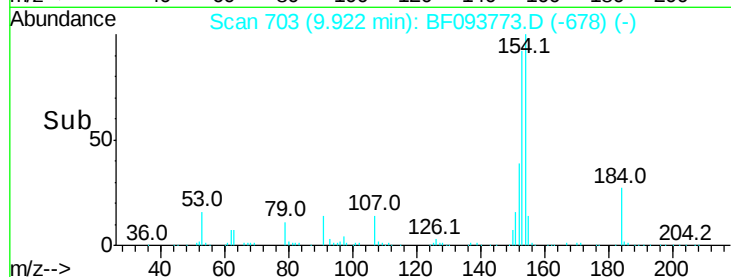
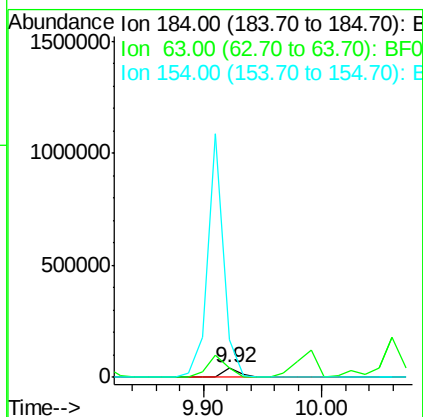
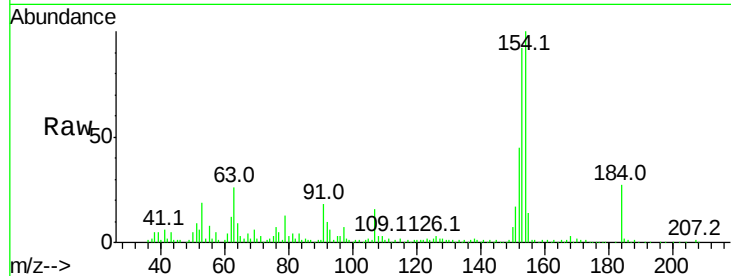
ClientSampleId :

SPA-B6(0-5)MS

Tot Ion:	184	Resp:	39904
Ion Ratio	Lower	Upper	
184	100		
63	96.9	62.7	94.1#
154	374.0	81.1	121.7#

Manual Integrations
APPROVED

mohammad
3/21/2017 2:45:23 PM



#54

Dibenzofuran

Concen: 46.45 ng

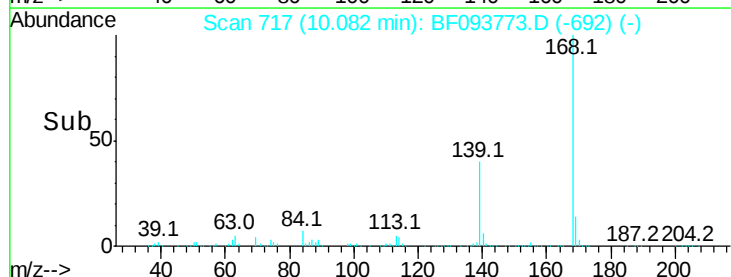
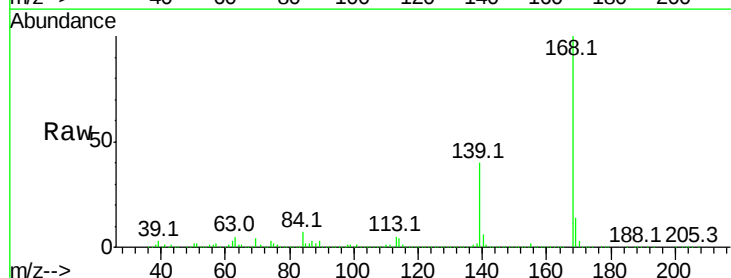
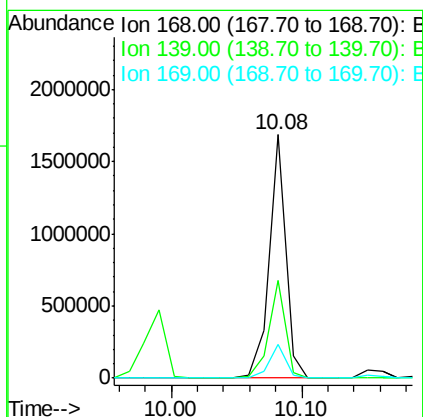
RT: 10.08 min Scan# 717

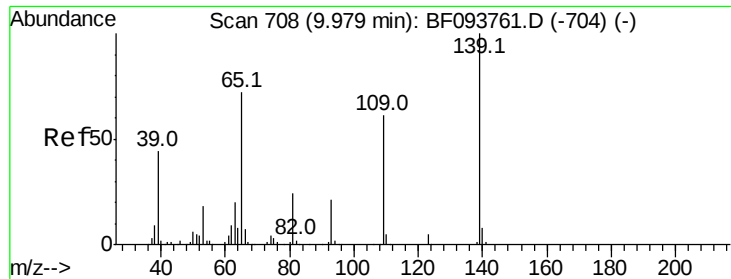
Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Tgt Ion:	168	Resp:	1507203
Ion Ratio	Lower	Upper	
168	100		
139	40.3	30.6	45.8
169	14.1	10.8	16.2





#55

4-Nitrophenol

Concen: 95.12 ng

RT: 9.99 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

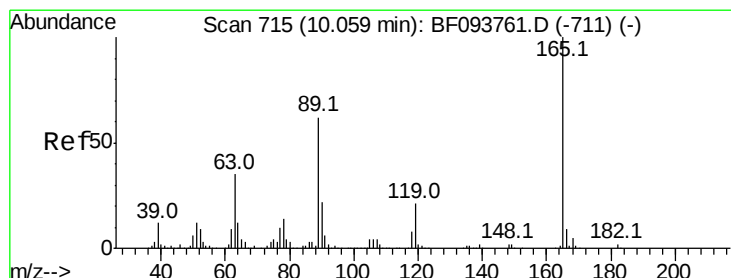
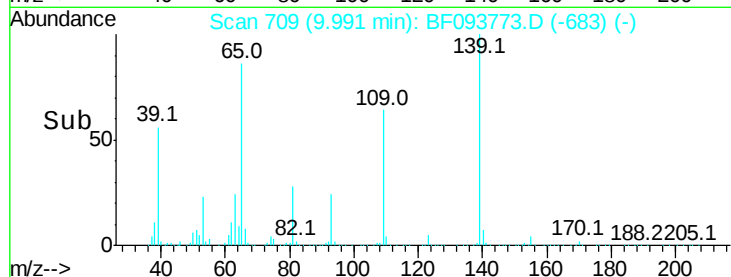
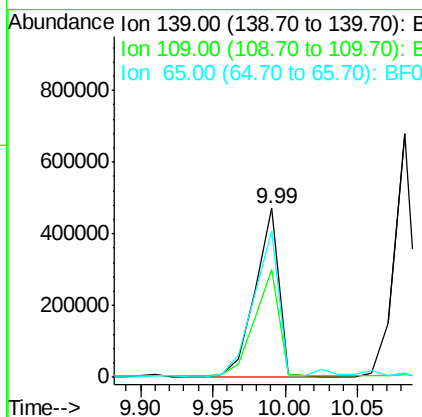
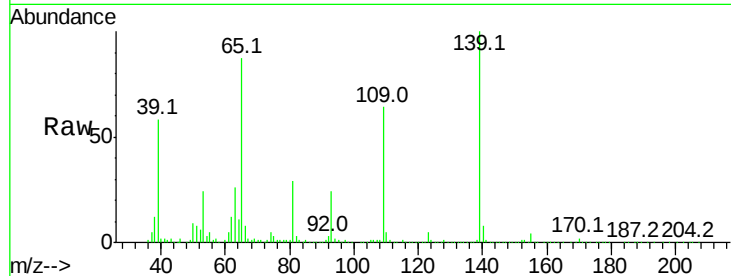
ClientSampleId :

SPA-B6(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	64.1	34.1	74.1	
65	86.6	31.4	71.4	

Manual Integrations
APPROVED

mohammad
3/21/2017 2:45:23 PM



#56

2,4-Dinitrotoluene

Concen: 48.80 ng

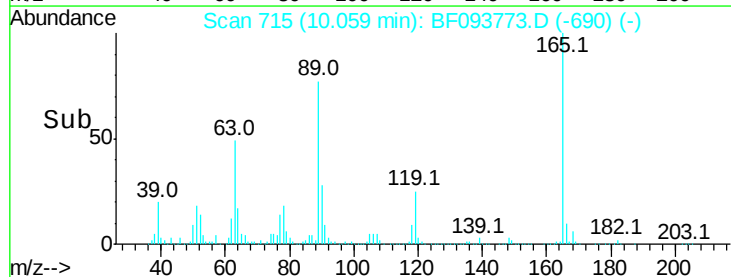
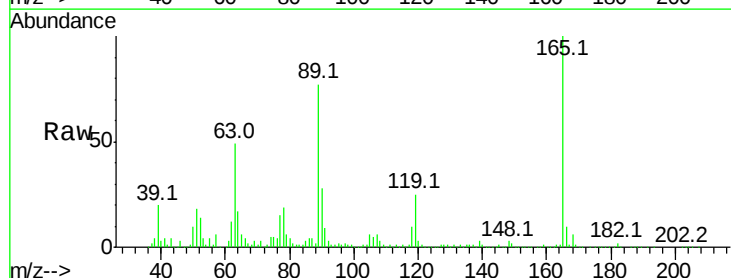
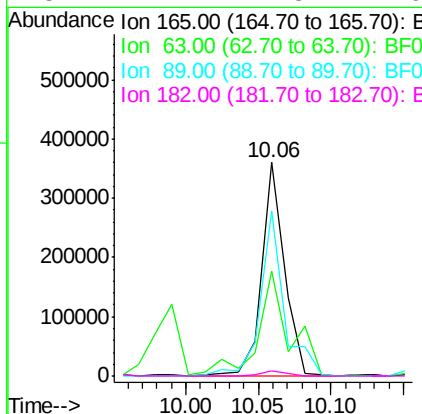
RT: 10.06 min Scan# 715

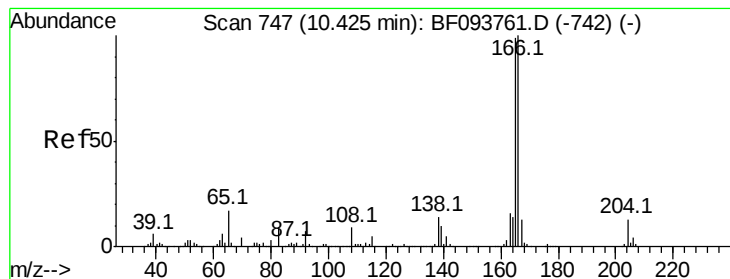
Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.1	25.4	38.0	
89	77.2	46.4	69.6	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 44.58 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)MS

Tot Ion:166 Resp: 1107676

Ion Ratio Lower Upper

166 100

165 98.8 78.8 118.2

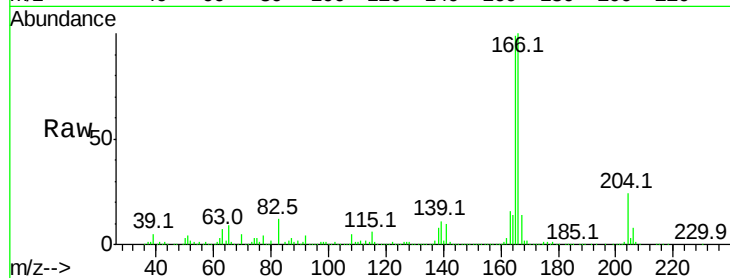
167 13.7 10.6 16.0

Manual Integrations

APPROVED

mohammad

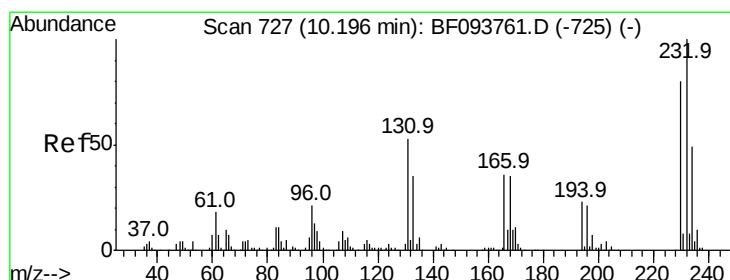
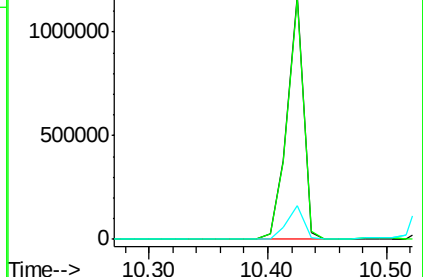
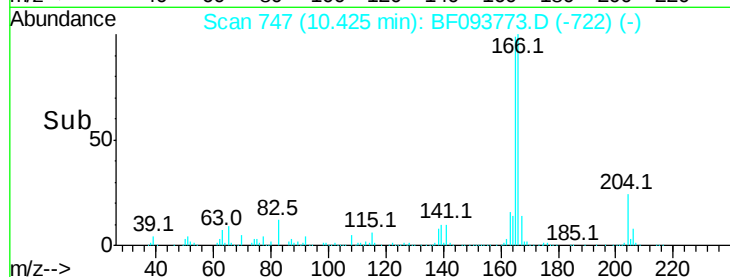
3/21/2017 2:45:23 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.95 ng

RT: 10.20 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Tgt Ion:232 Resp: 272596

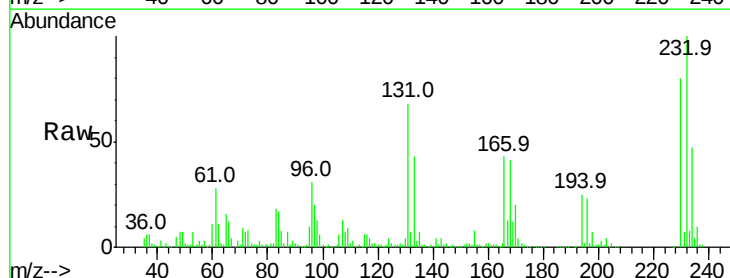
Ion Ratio Lower Upper

232 100

131 53.4 44.8 67.2

130 3.0 2.3 3.5

166 35.2 29.0 43.4

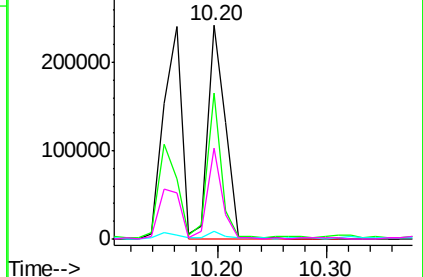
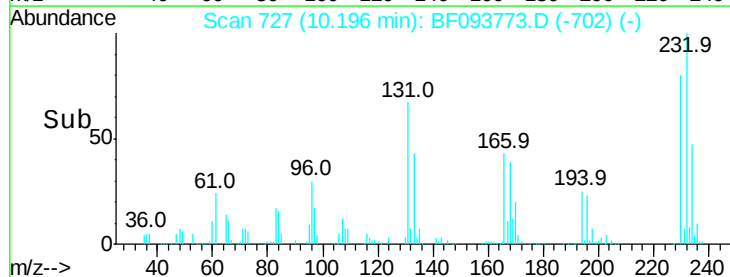


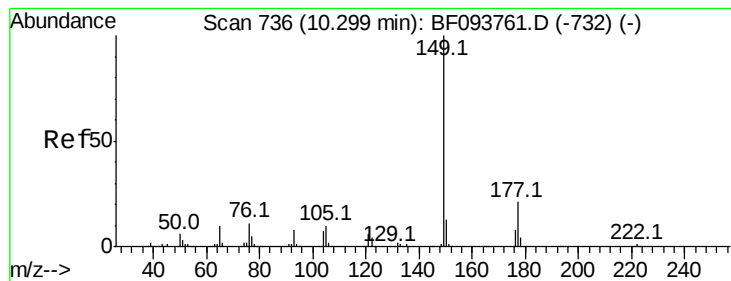
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 53.04 ng

RT: 10.31 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)MS

Tot Ion:149 Resp: 1464253

Ion Ratio Lower Upper

149 100

177 23.0 16.7 25.1

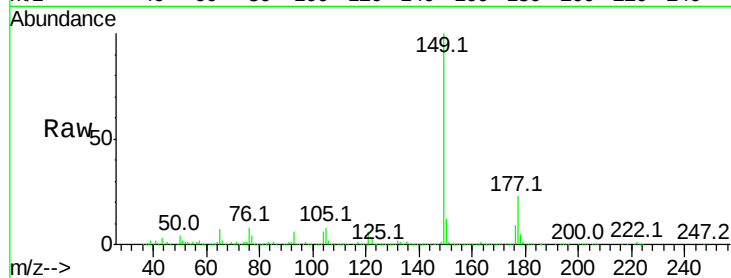
150 12.5 10.2 15.2

Manual Integrations

APPROVED

mohammad

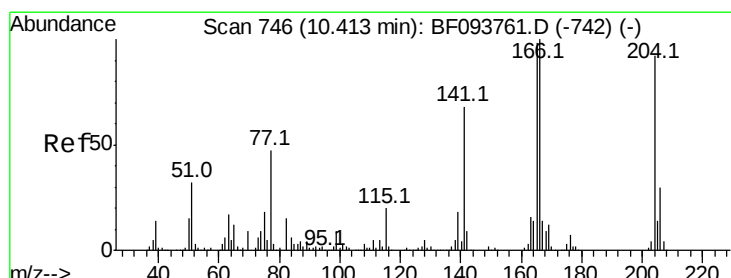
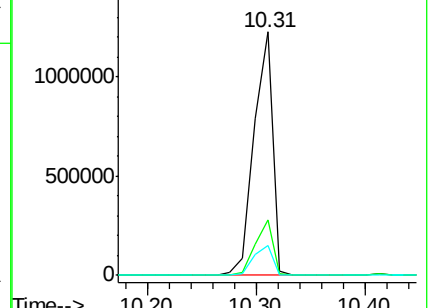
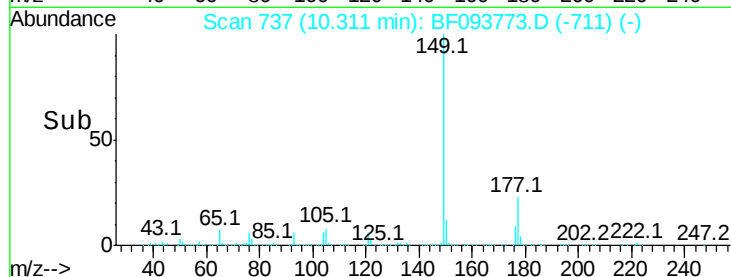
3/21/2017 2:45:23 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.12 ng

RT: 10.41 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

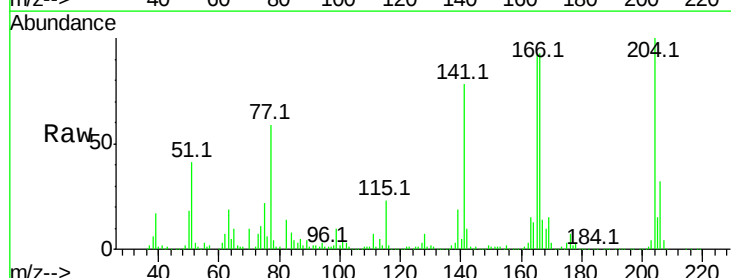
Tgt Ion:204 Resp: 483063

Ion Ratio Lower Upper

204 100

206 32.4 26.2 39.2

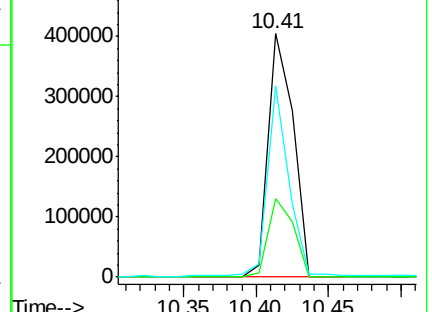
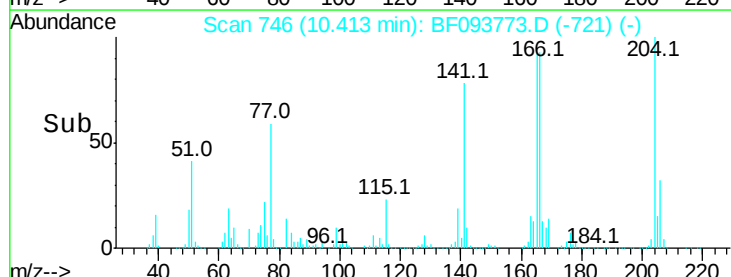
141 78.5 60.8 91.2

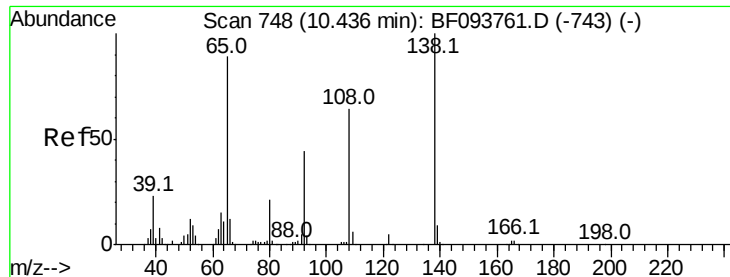


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





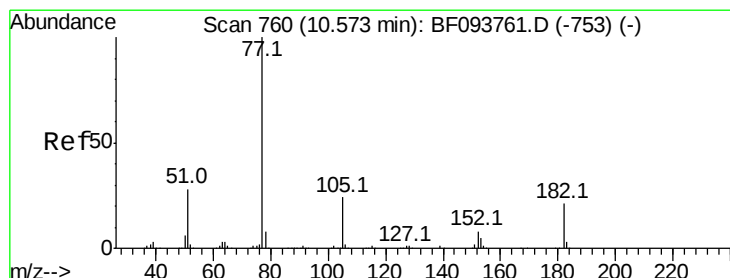
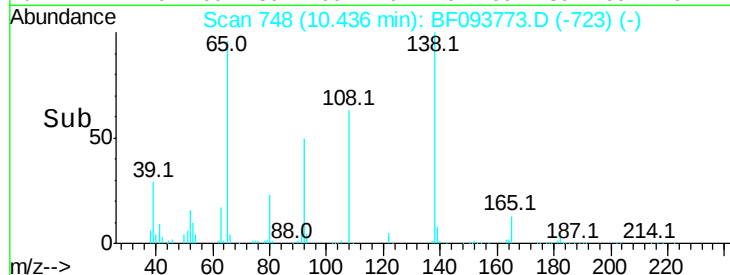
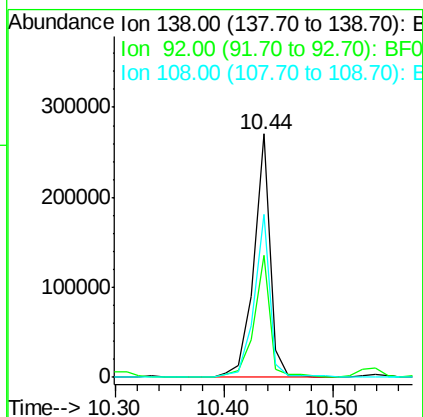
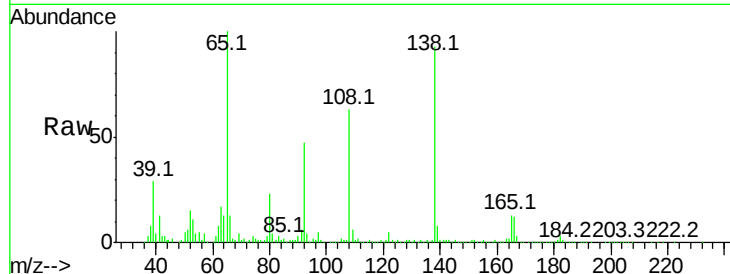
#61
4-Nitroaniline
Concen: 42.03 ng
RT: 10.44 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.1	21.8	61.8
108	67.1	42.3	82.3

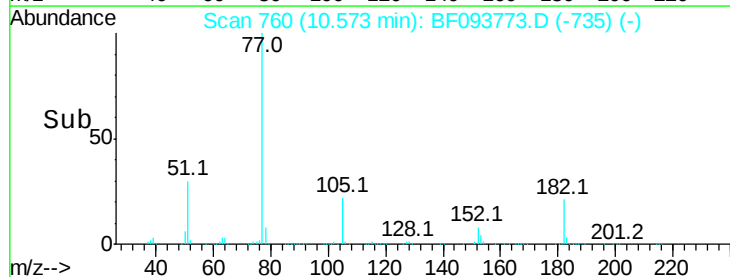
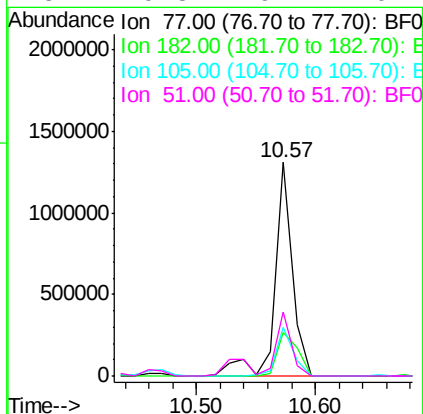
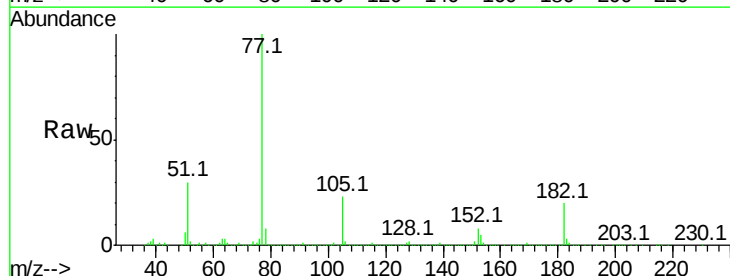
Manual Integrations
APPROVED

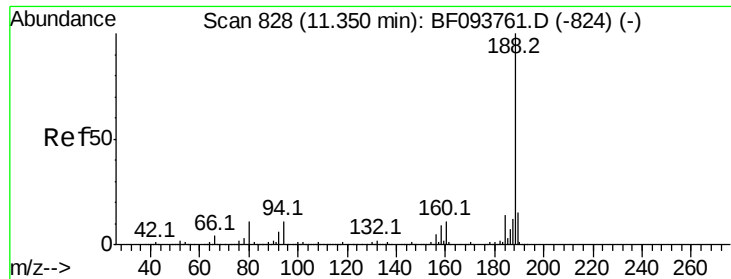
mohammad
3/21/2017 2:45:23 PM



#62
Azobenzene
Concen: 49.23 ng
RT: 10.57 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.4	0.1	40.1
105	23.1	3.6	43.6
51	29.8	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

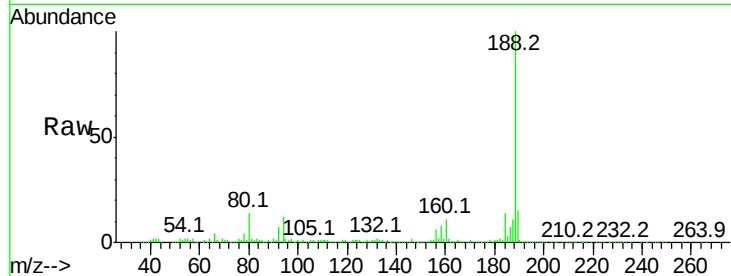
ClientSampleId :

SPA-B6(0-5)MS

Tot Ion:	188	Resp:	627510
Ion Ratio	Lower	Upper	
188	100		
94	12.1	9.4	14.2
80	14.0	10.2	15.2

Manual Integrations
APPROVED

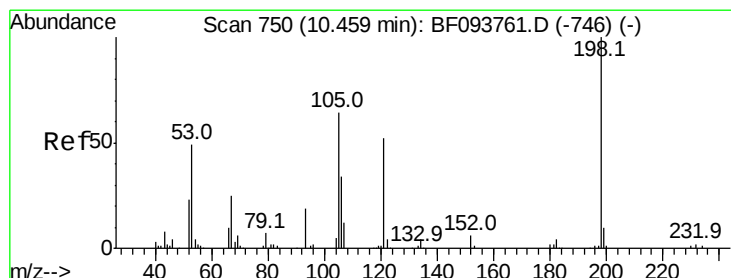
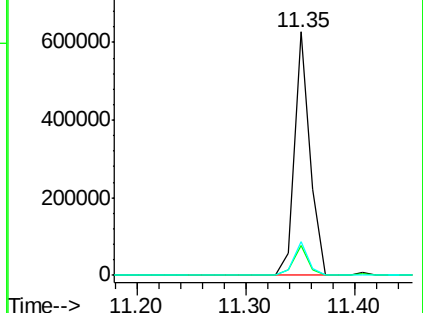
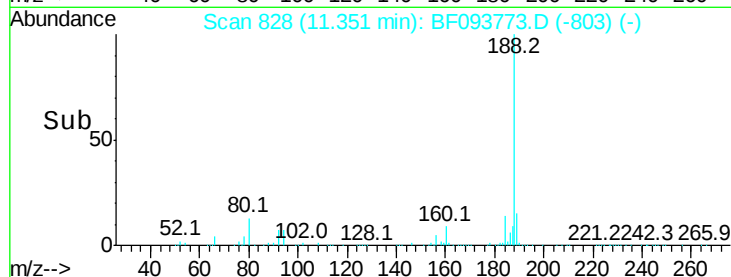
mohammad
3/21/2017 2:45:23 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 29.60 ng

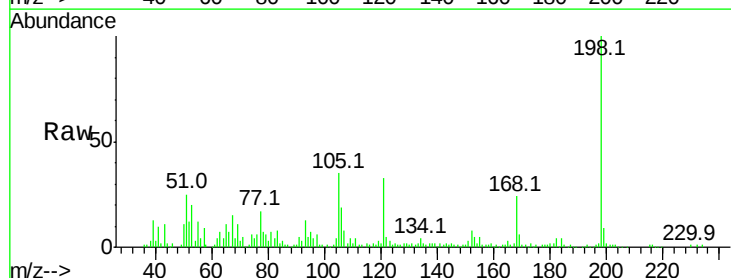
RT: 10.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

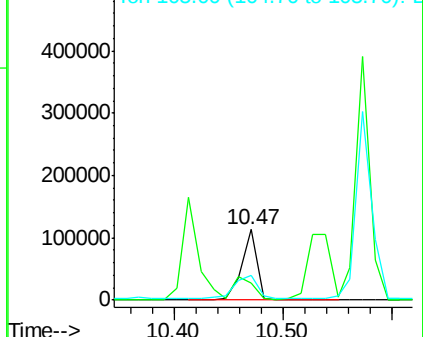
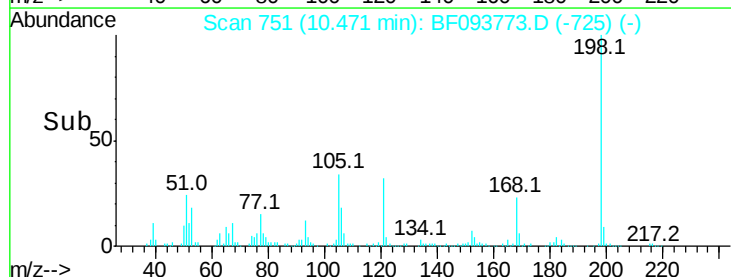
Tgt Ion:	198	Resp:	107626
Ion Ratio	Lower	Upper	
198	100		
51	24.8	53.2	93.2#
105	35.2	45.8	85.8#

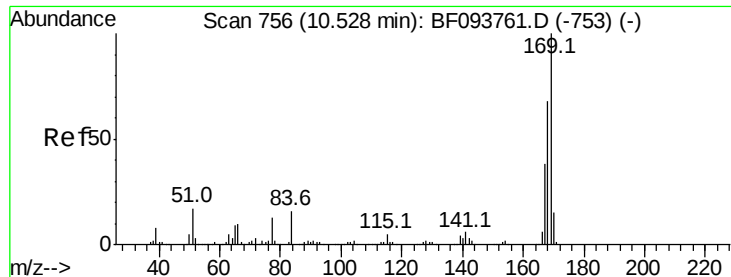


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





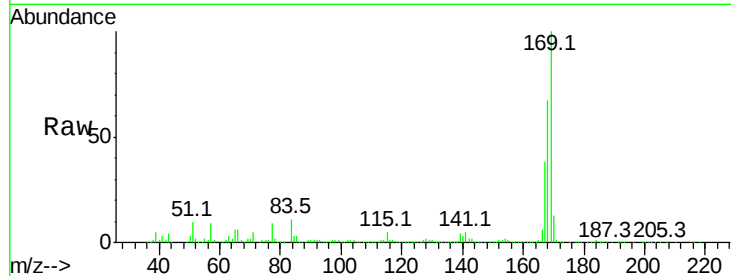
#65
n-Nitrosodiphenylamine
Concen: 55.91 ng
RT: 10.54 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

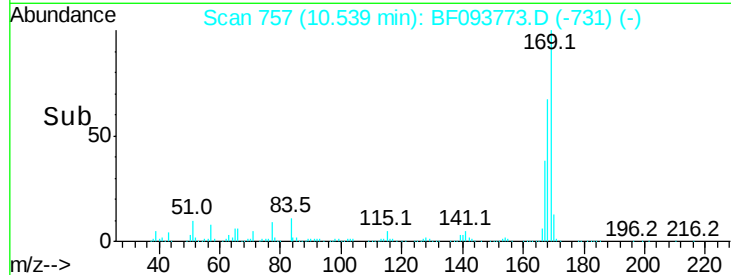
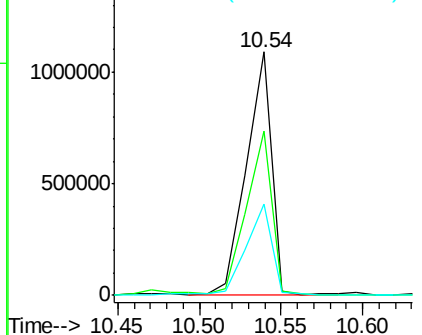
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.2	79.8
167	37.6	29.5	44.3

Manual Integrations
APPROVED

mohammad
3/21/2017 2:45:23 PM



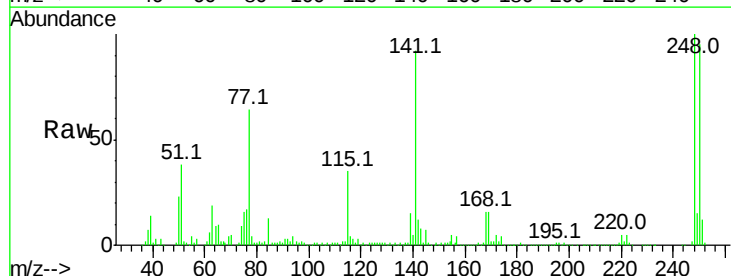
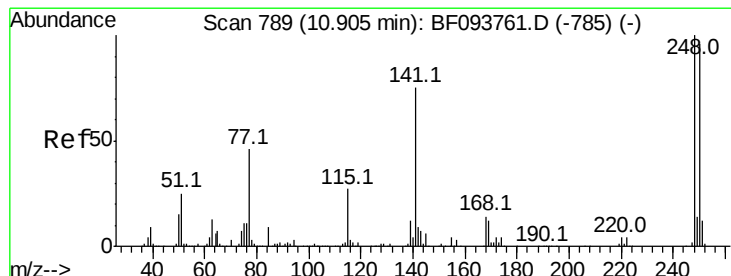
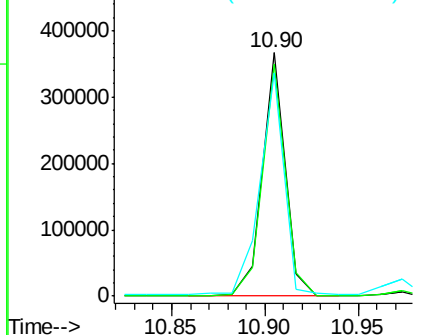
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

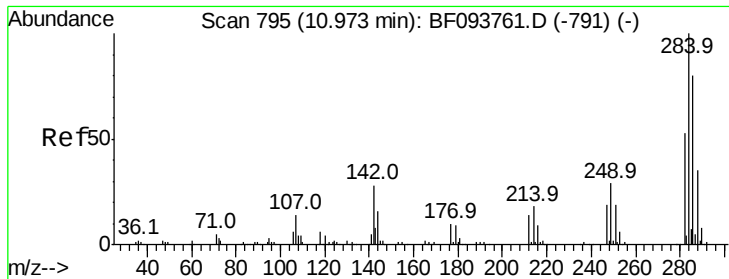


#66
4-Bromophenyl-phenylether
Concen: 50.80 ng
RT: 10.90 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.3	76.8	115.2
141	91.6	68.6	103.0

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





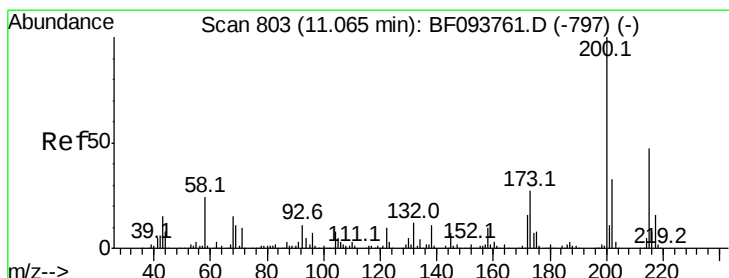
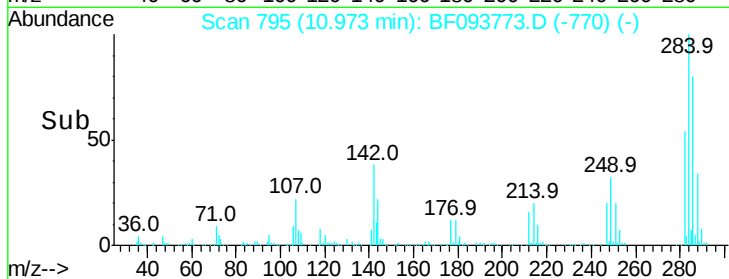
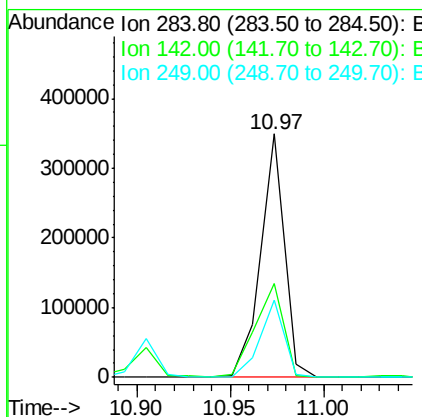
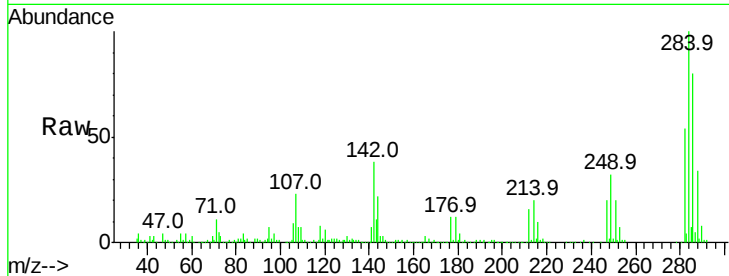
#67
Hexachlorobenzene
Concen: 49.22 ng
RT: 10.97 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	38.4	22.8	34.2	
249	31.7	24.0	36.0	

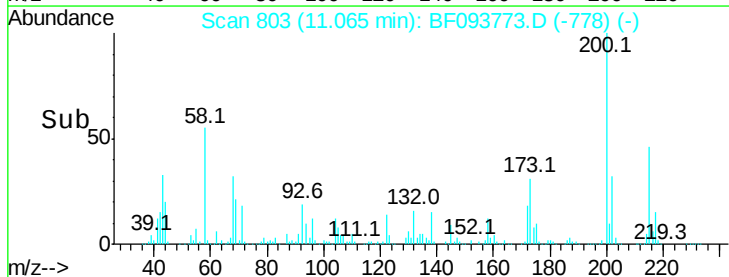
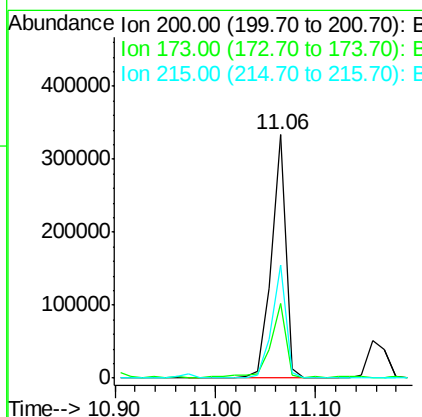
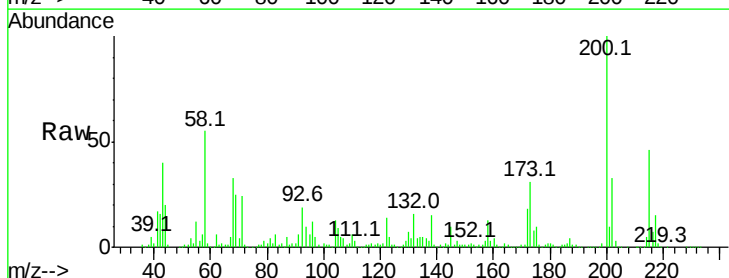
Manual Integrations
APPROVED

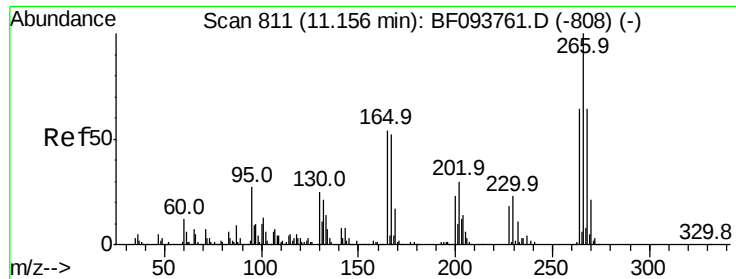
mohammad
3/21/2017 2:45:23 PM



#68
Atrazine
Concen: 51.69 ng
RT: 11.06 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	30.8	6.3	46.3	
215	46.2	27.2	67.2	





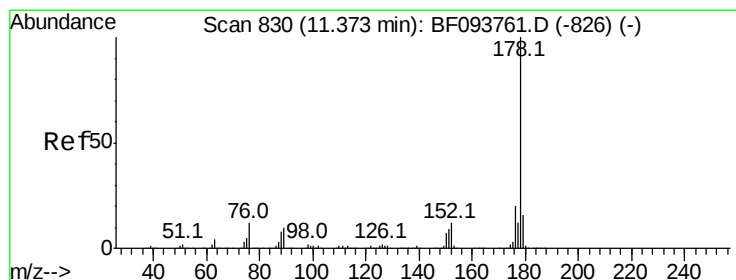
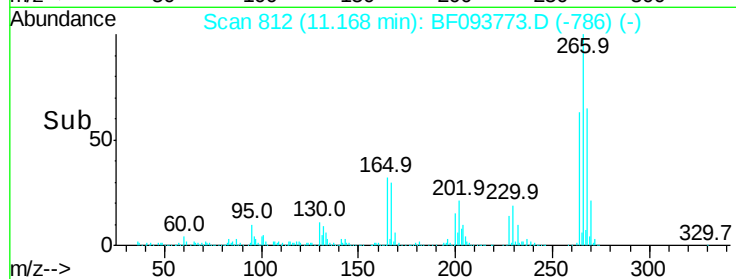
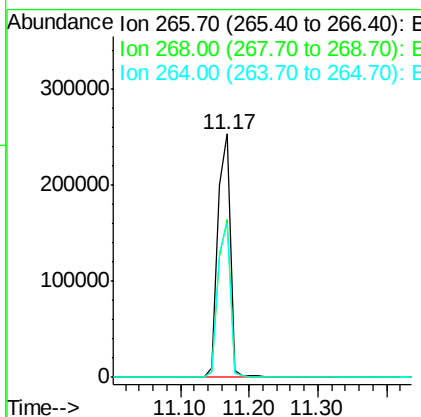
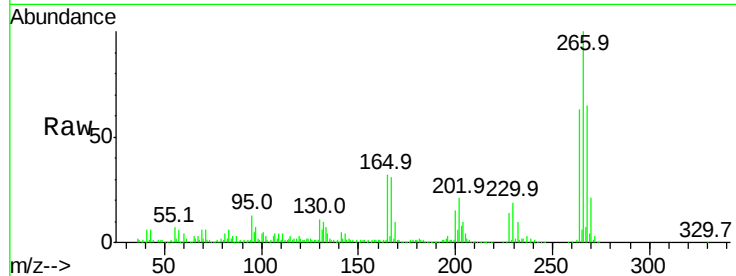
#69
 Pentachlorophenol
 Concen: 90.50 ng
 RT: 11.17 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B6(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	329651		
268	64.7		51.1	76.7
264	63.0		51.7	77.5

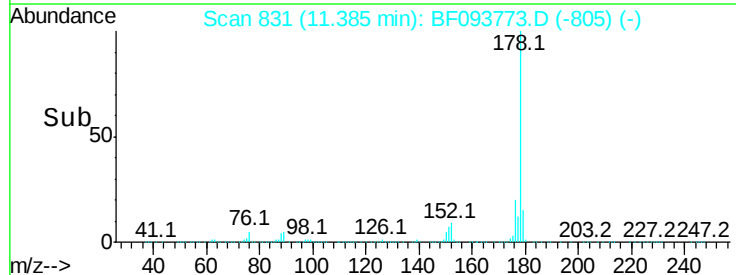
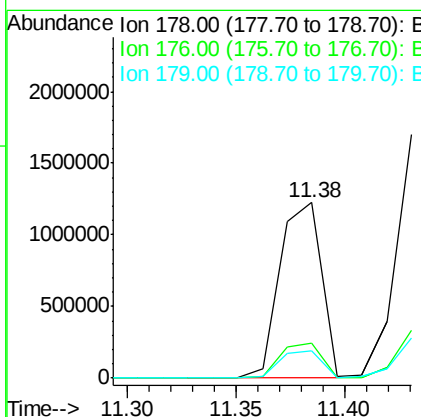
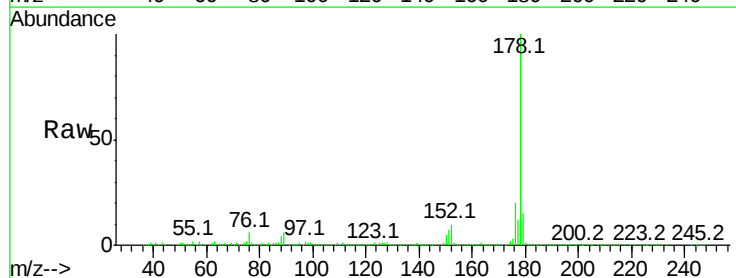
Manual Integrations
 APPROVED

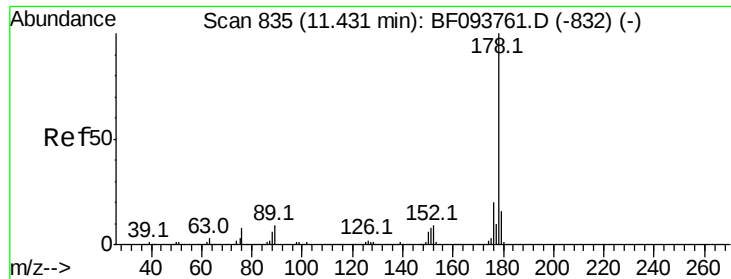
mohammad
 3/21/2017 2:45:23 PM



#70
 Phenanthrene
 Concen: 49.12 ng
 RT: 11.38 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1641587		
176	19.9		16.2	24.4
179	15.5		12.6	19.0





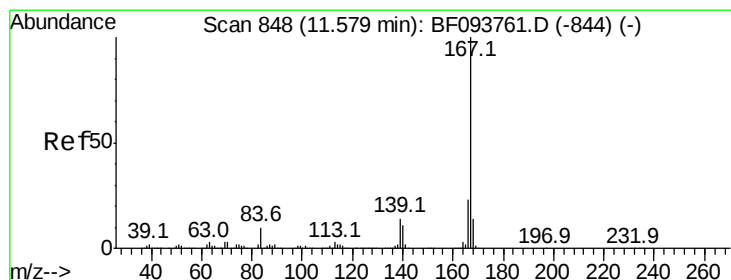
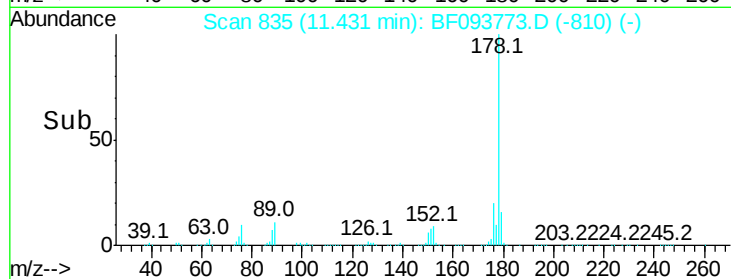
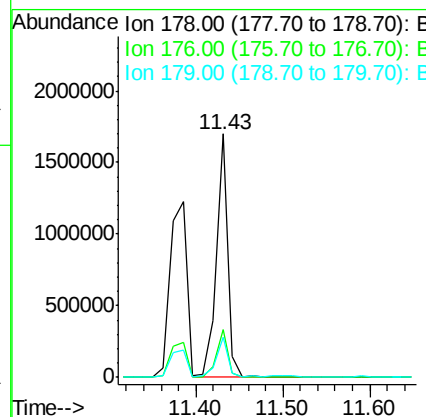
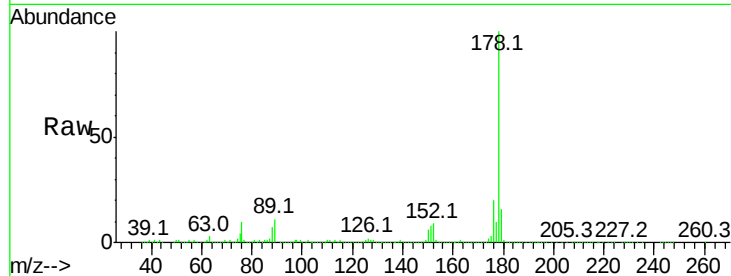
#71
 Anthracene
 Concen: 45.56 ng
 RT: 11.43 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	16.3	12.7	19.1

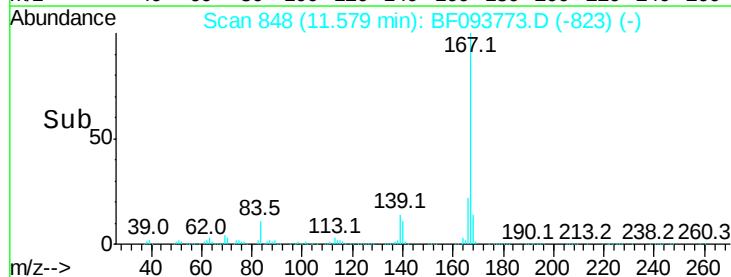
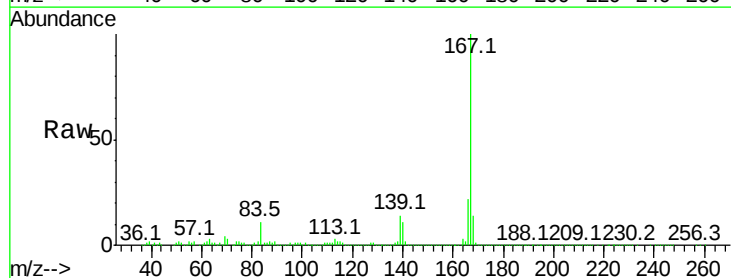
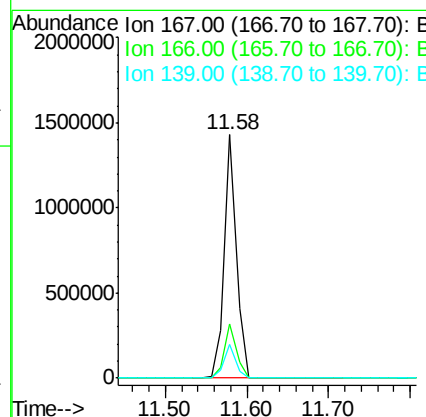
Manual Integrations
 APPROVED

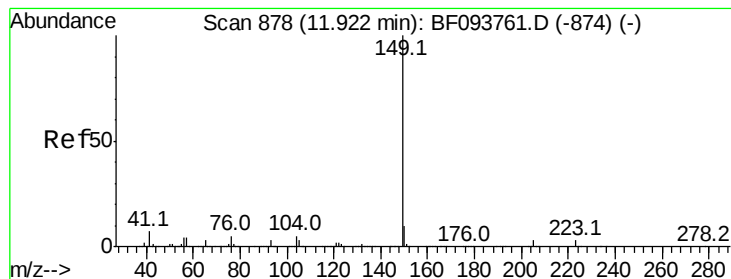
mohammad
 3/21/2017 2:45:23 PM



#72
 Carbazole
 Concen: 43.04 ng
 RT: 11.58 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	14.0	11.7	17.5





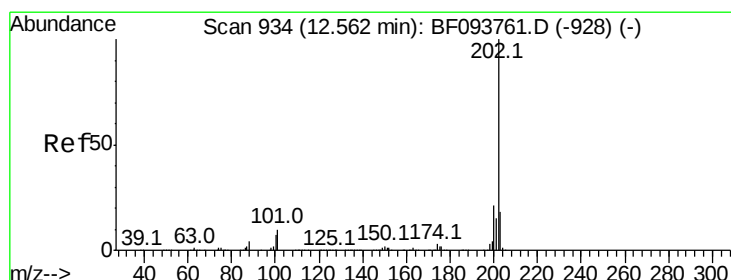
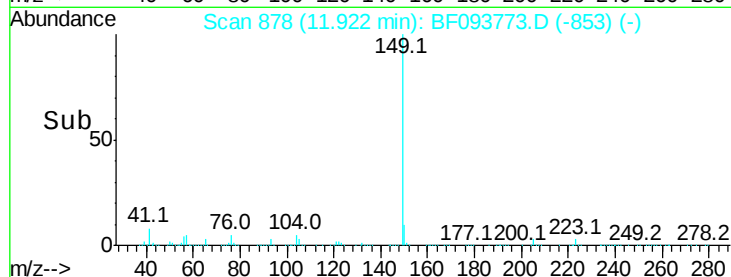
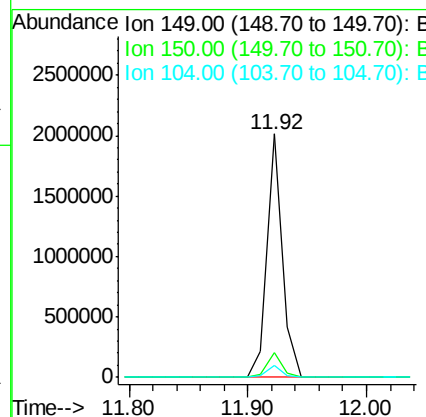
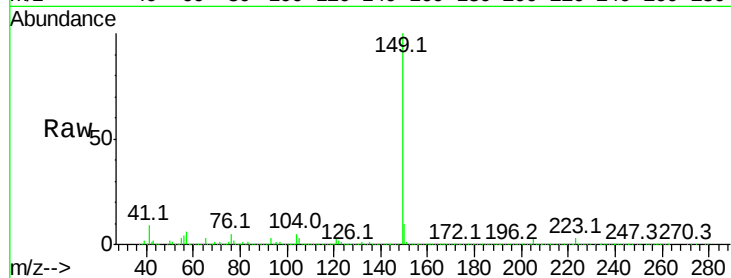
#73
Di-n-butylphthalate
Concen: 49.68 ng
RT: 11.92 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.1	4.0	6.0

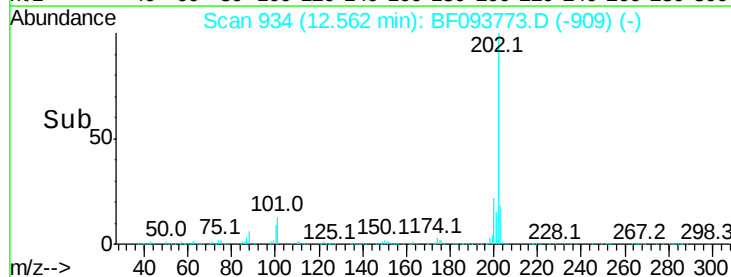
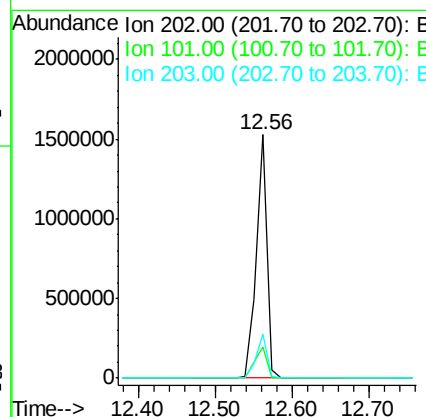
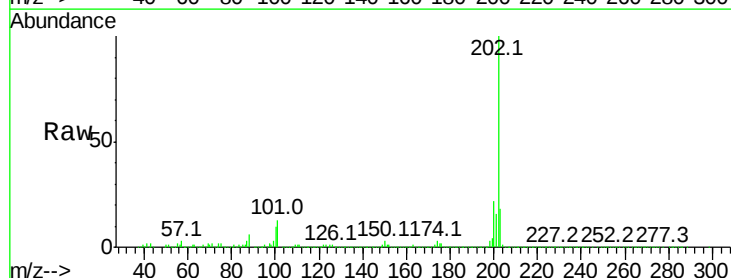
Manual Integrations
APPROVED

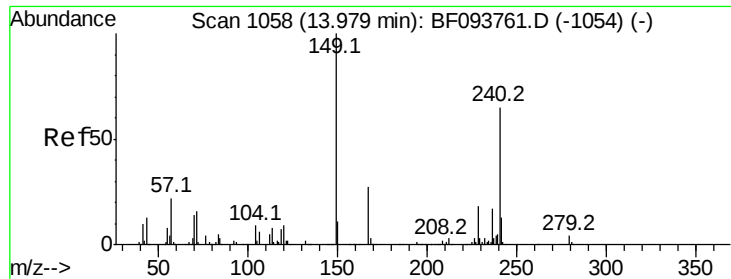
mohammad
3/21/2017 2:45:23 PM



#74
Fluoranthene
Concen: 41.82 ng
RT: 12.56 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.2
203	18.1	0.0	38.1





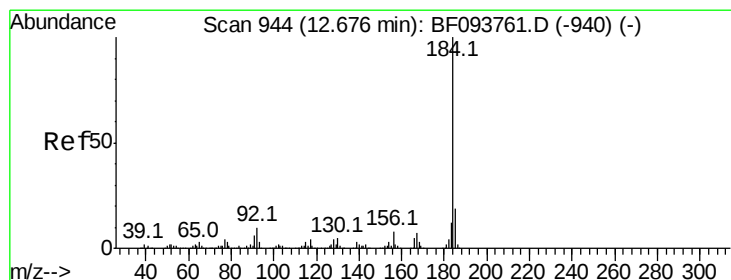
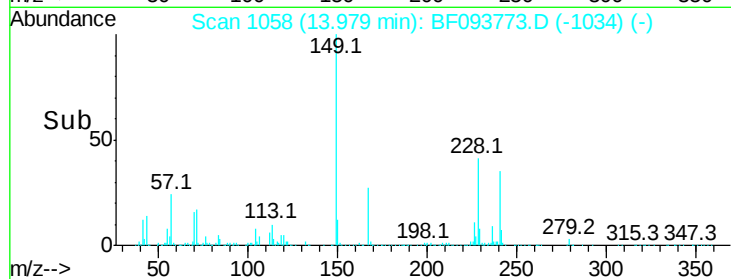
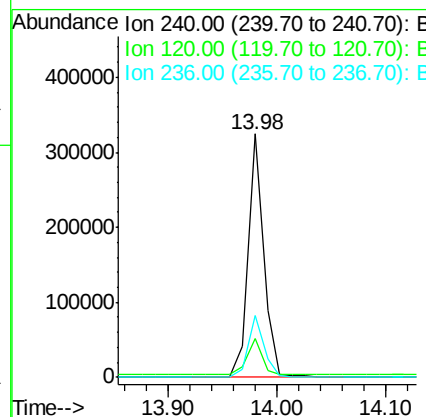
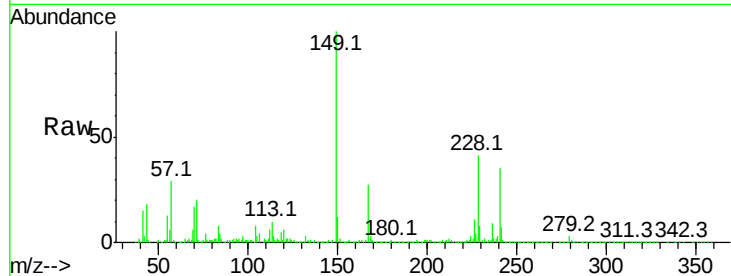
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1058
Delta R.T. -0.02 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.9	5.8	8.8#
236	25.5	20.5	30.7

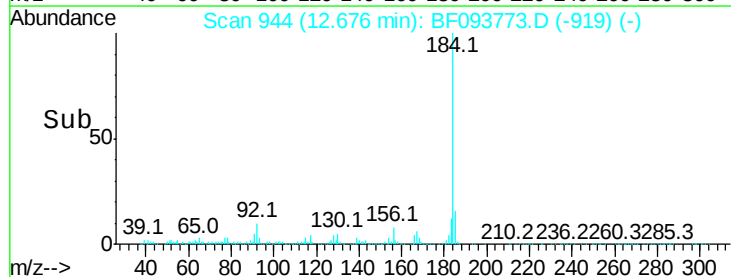
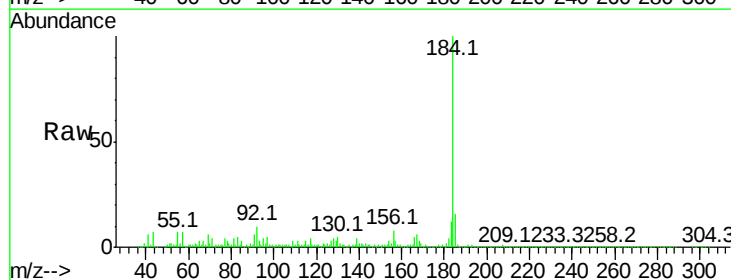
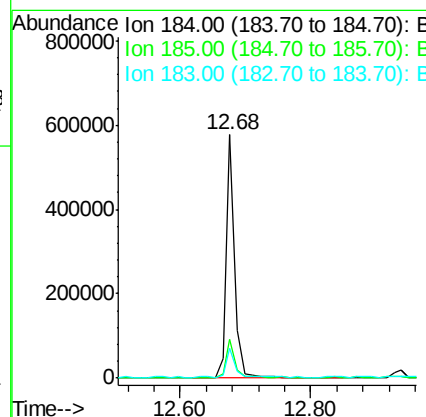
Manual Integrations
APPROVED

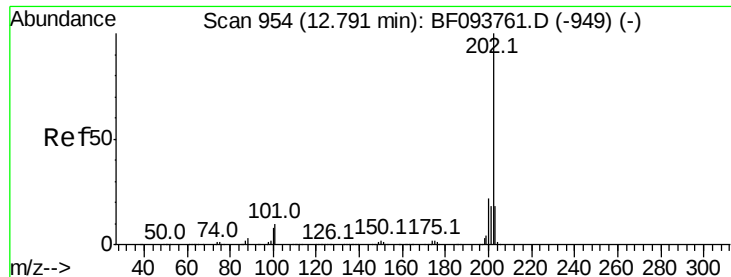
mohammad
3/21/2017 2:45:23 PM



#76
Benzidine
Concen: 37.57 ng
RT: 12.68 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.0	15.5	23.3
183	12.3	9.8	14.6





#77

Pvrene

Concen: 55.41 ng

RT: 12.79 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

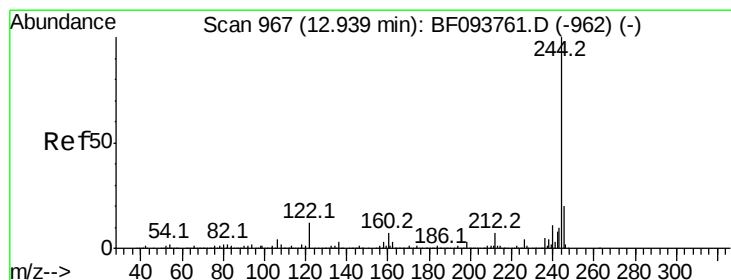
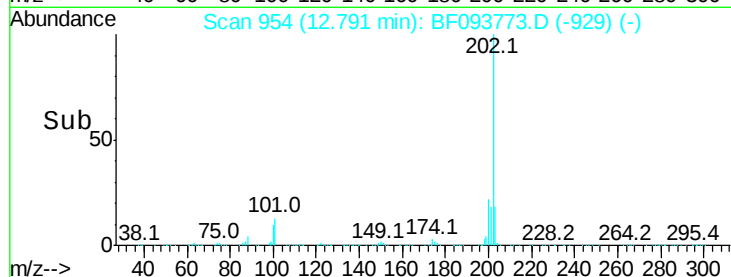
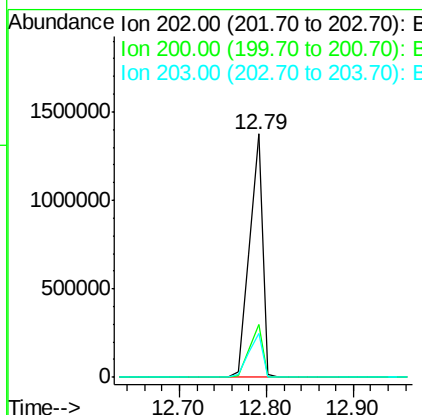
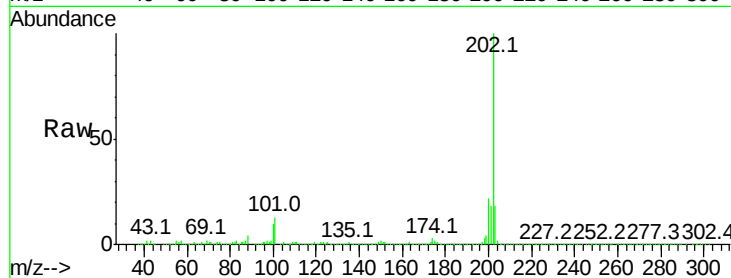
ClientSampleId :

SPA-B6(0-5)MS

Tot Ion:	202	Resp:	1461154
Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	17.9	14.4	21.6

Manual Integrations
APPROVED

mohammad
3/21/2017 2:45:23 PM



#78

Terphenyl-d14

Concen: 88.87 ng

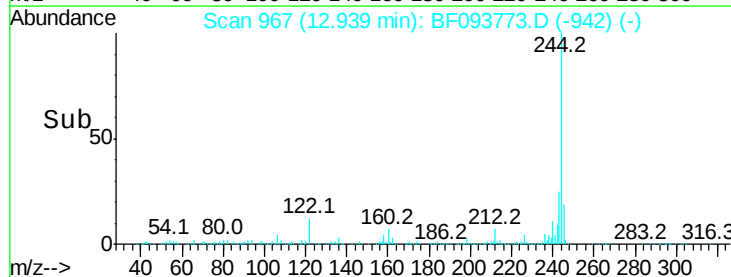
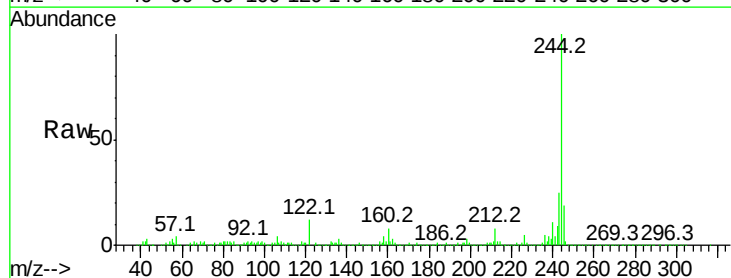
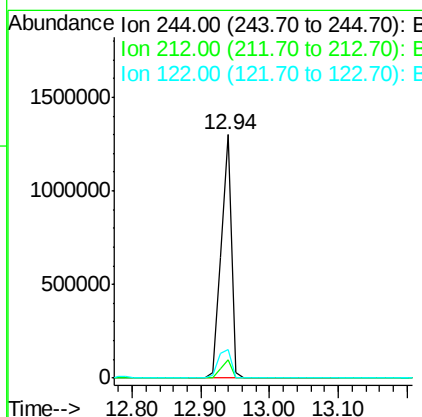
RT: 12.94 min Scan# 967

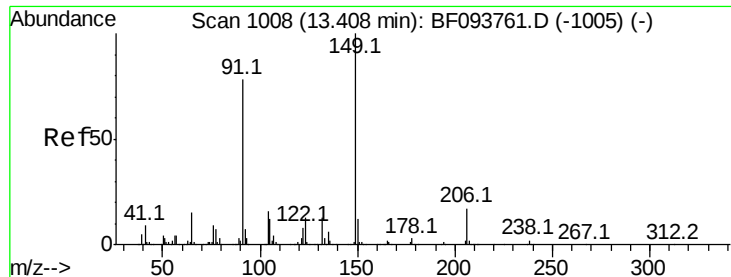
Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Tgt Ion:	244	Resp:	1381299
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.0	10.3	15.5





#79

Butylbenzylphthalate

Concen: 56.24 ng

RT: 13.41 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

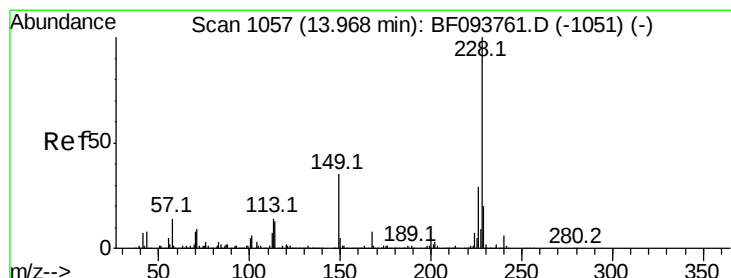
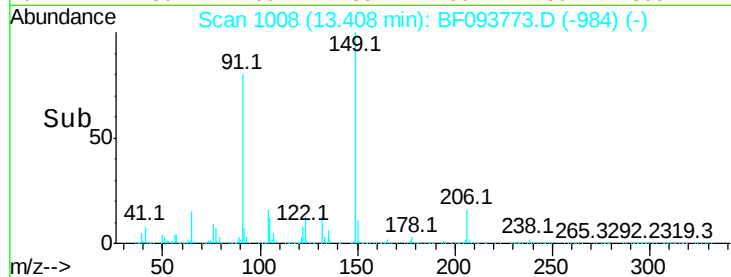
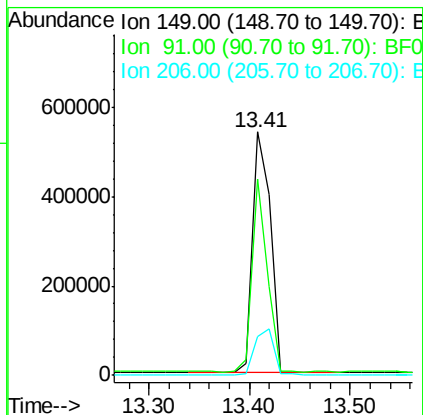
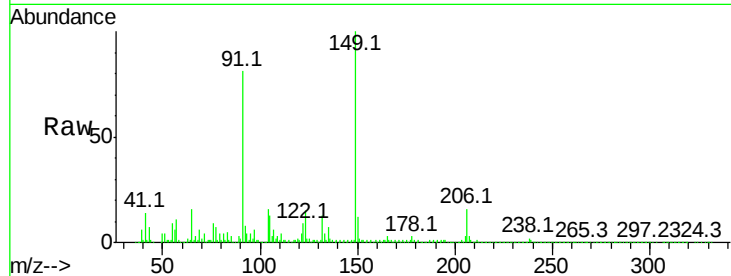
ClientSampleId :

SPA-B6(0-5)MS

Tot Ion:	149	Resp:	662919
Ion Ratio	Lower	Upper	
149	100		
91	80.7	45.0	67.4#
206	15.9	17.0	25.6#

Manual Integrations
APPROVED

mohammad
3/21/2017 2:45:23 PM



#80

Benzo(a)anthracene

Concen: 48.56 ng

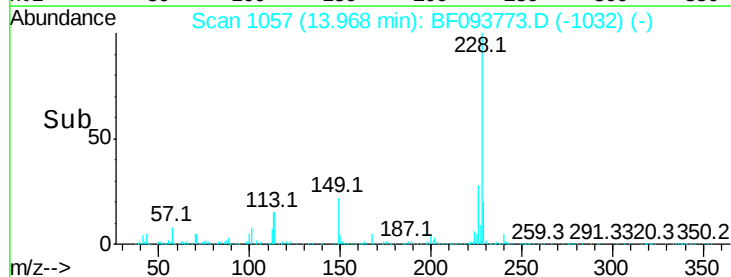
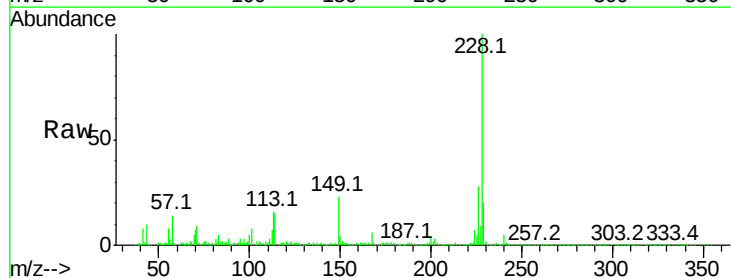
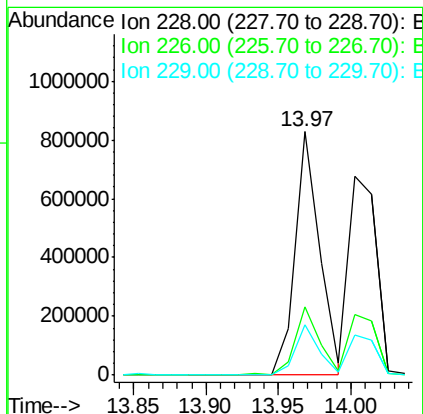
RT: 13.97 min Scan# 1057

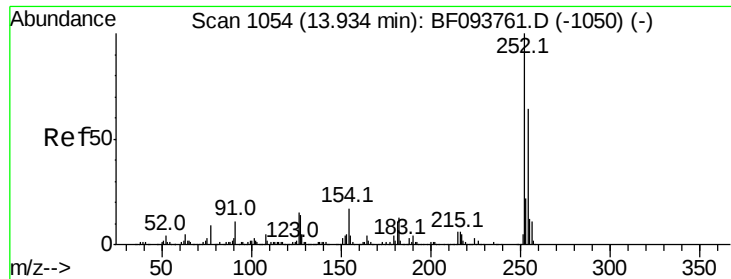
Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Tgt Ion:	228	Resp:	963978
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.6	33.8
229	20.5	16.3	24.5





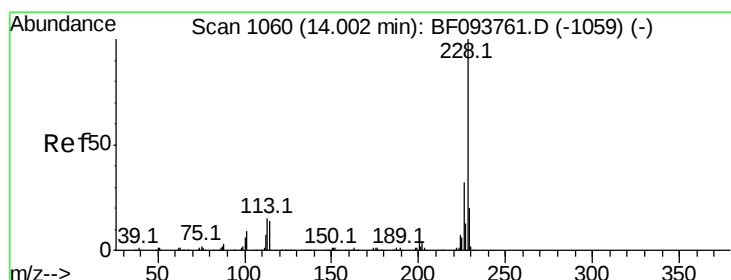
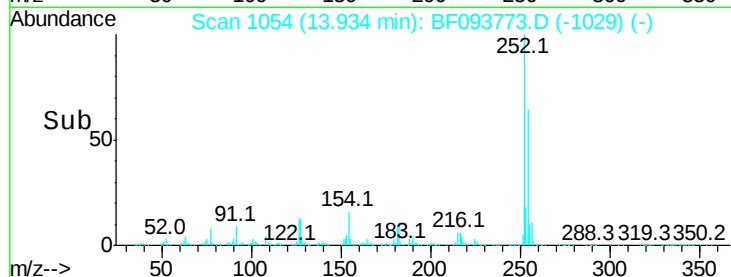
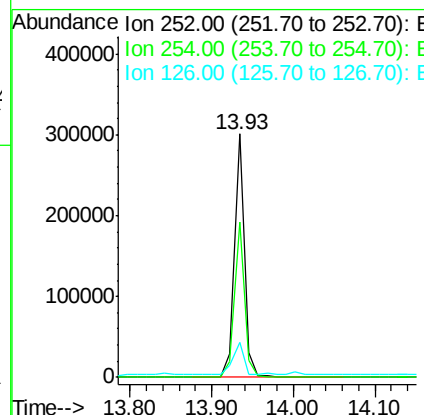
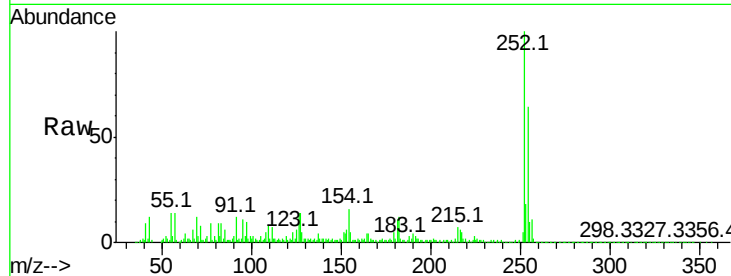
#81
 3,3'-Dichlorobenzidine
 Concen: 33.52 ng
 RT: 13.93 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.5	77.3
126	14.4	15.8	23.8

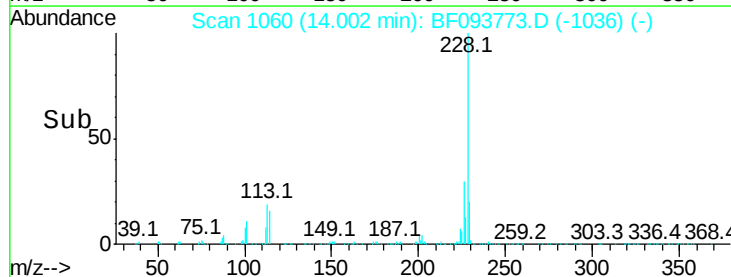
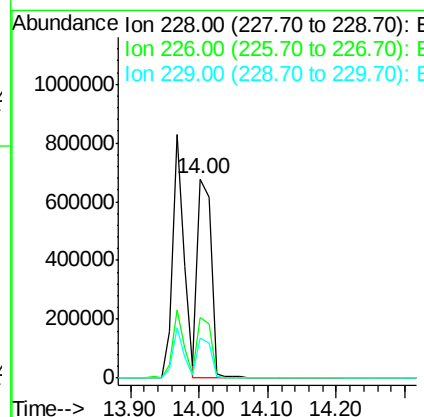
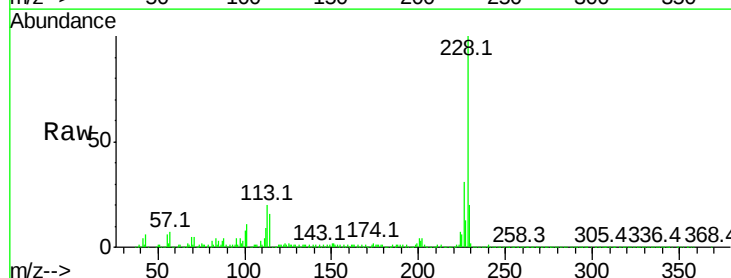
Manual Integrations
 APPROVED

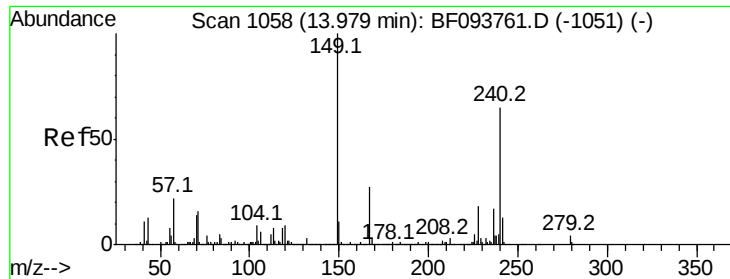
mohammad
 3/21/2017 2:45:23 PM



#82
 Chrysene
 Concen: 45.77 ng
 RT: 14.00 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	20.1	15.8	23.6





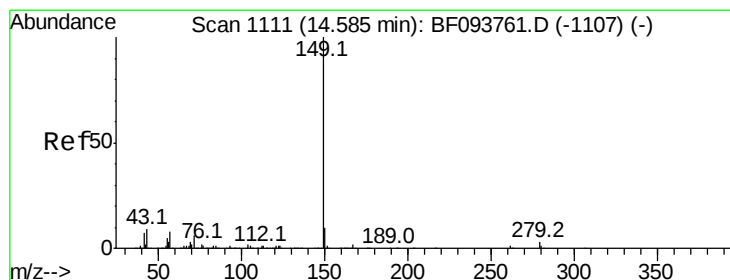
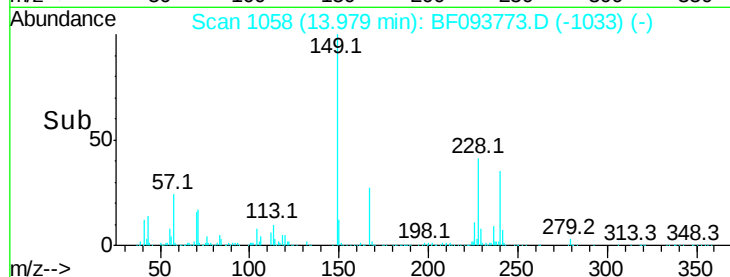
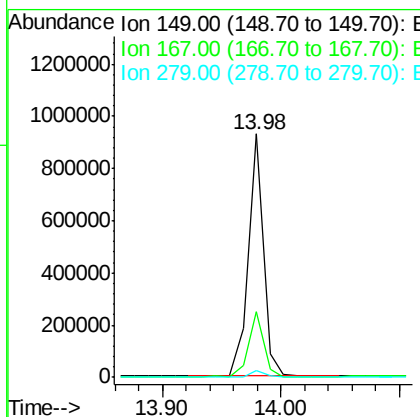
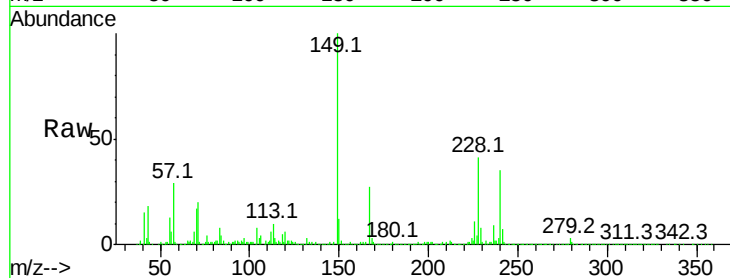
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 58.48 ng
 RT: 13.98 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B6(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.8	21.0	31.4	
279	2.9	1.9	2.9	

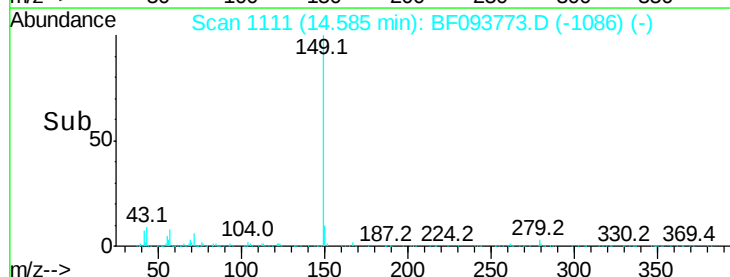
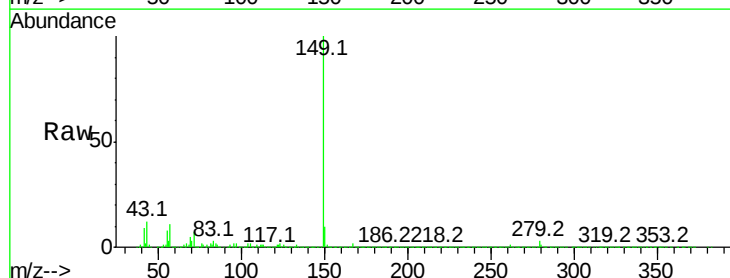
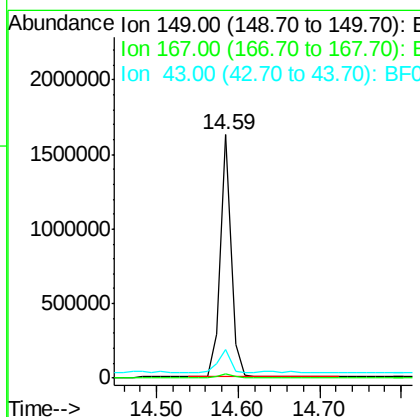
Manual Integrations
 APPROVED

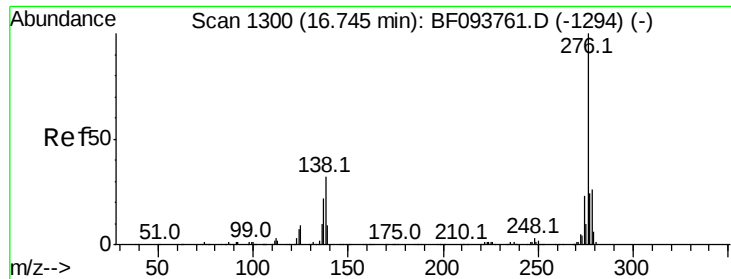
mohammad
 3/21/2017 2:45:23 PM



#84
 Di-n-octyl phthalate
 Concen: 57.30 ng
 RT: 14.59 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	10.8	8.5	12.7	





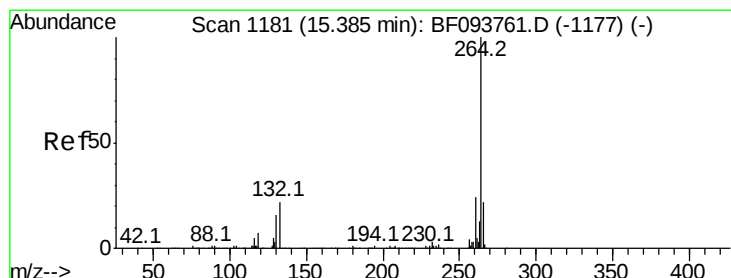
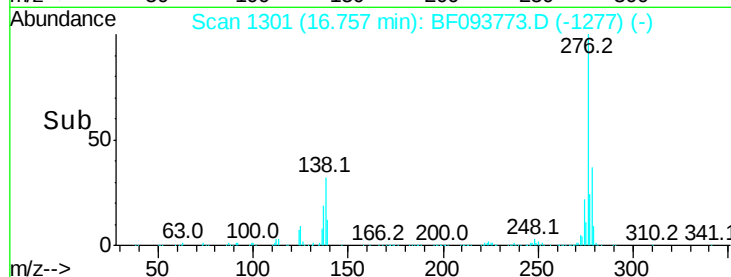
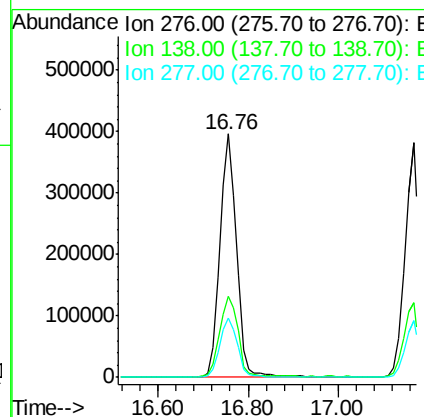
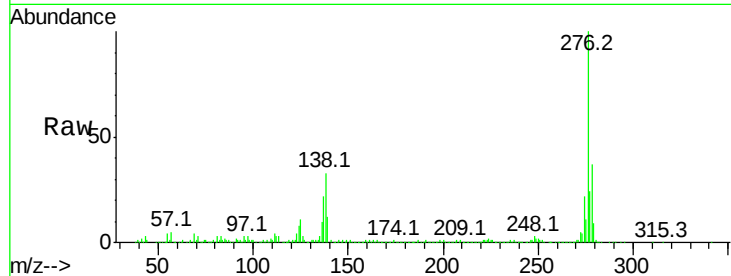
#85
Indeno(1,2,3-cd)pyrene
Concen: 63.15 ng
RT: 16.76 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion:276 Resp: 1025543
Ion Ratio Lower Upper
276 100
138 35.8 27.8 41.6
277 25.3 20.2 30.4

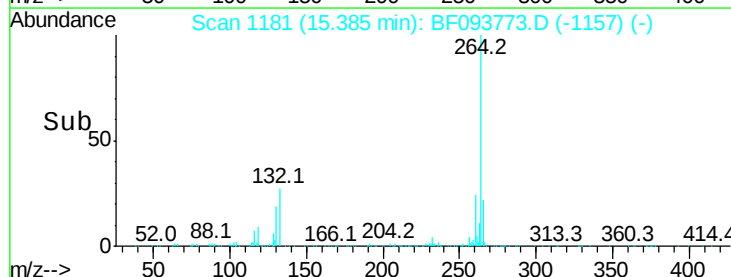
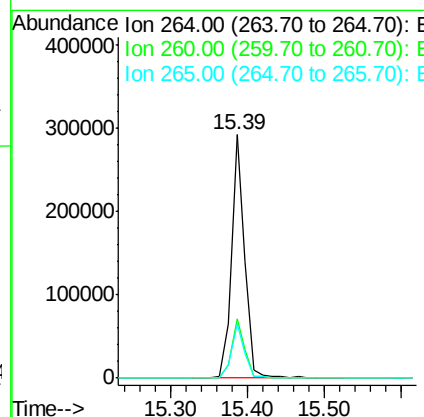
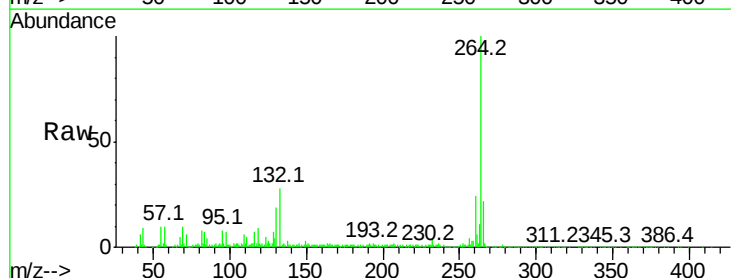
Manual Integrations
APPROVED

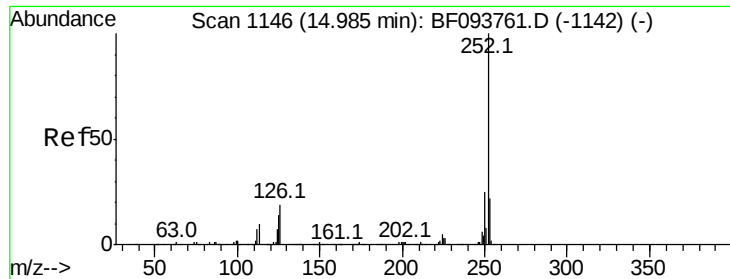
mohammad
3/21/2017 2:45:23 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion:264 Resp: 354263
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 22.1 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 50.04 ng m

RT: 14.99 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)MS

Tot Ion:252 Resp: 1195006

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

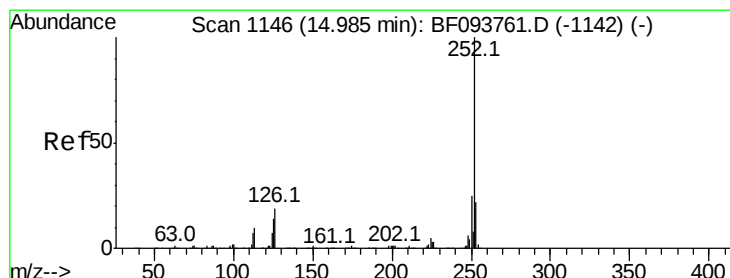
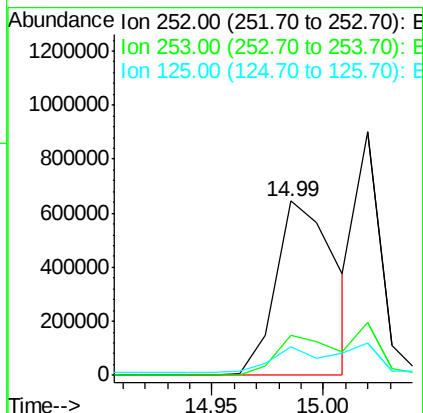
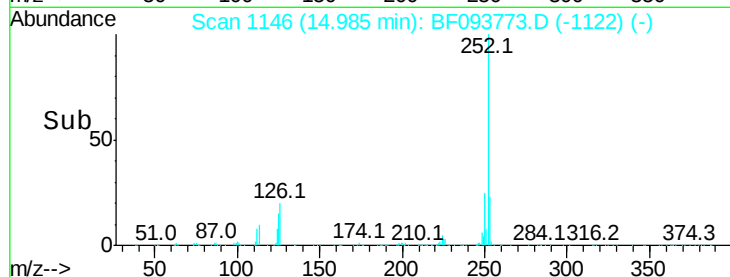
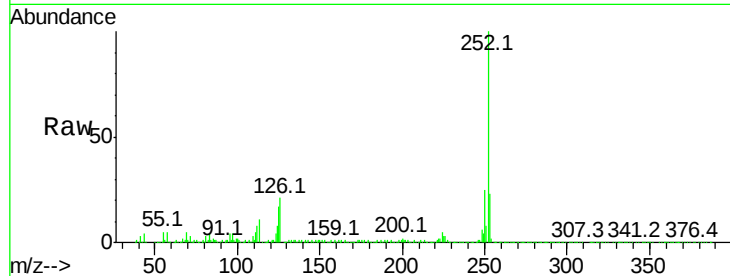
125 16.6 9.8 14.8#

Manual Integrations

APPROVED

mohammad

3/21/2017 2:45:23 PM



#88

Benzo(k)fluoranthene

Concen: 40.69 ng m

RT: 15.02 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

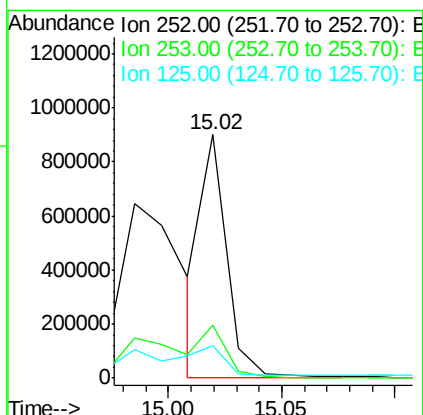
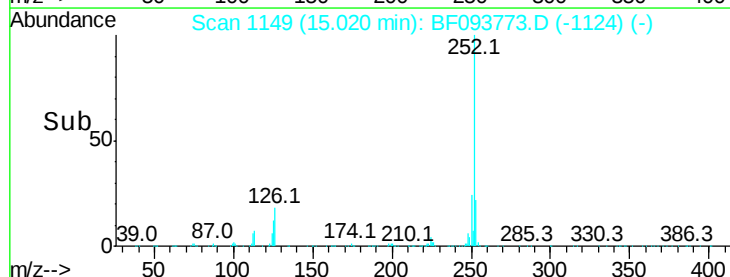
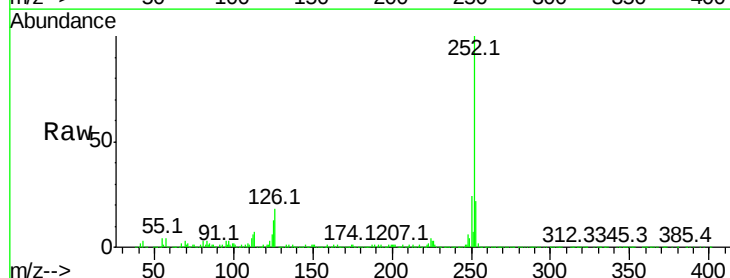
Tgt Ion:252 Resp: 717596

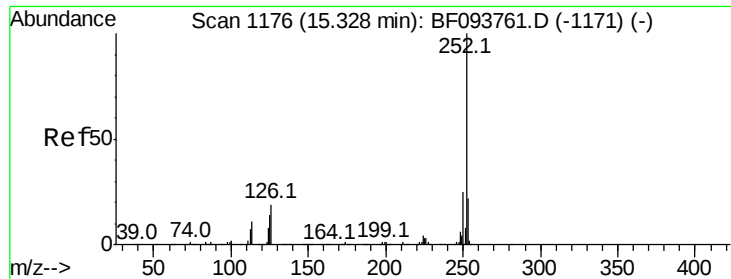
Ion Ratio Lower Upper

252 100

253 21.9 18.4 27.6

125 13.3 13.1 19.7





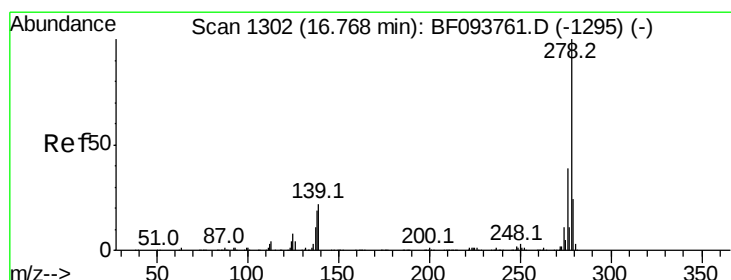
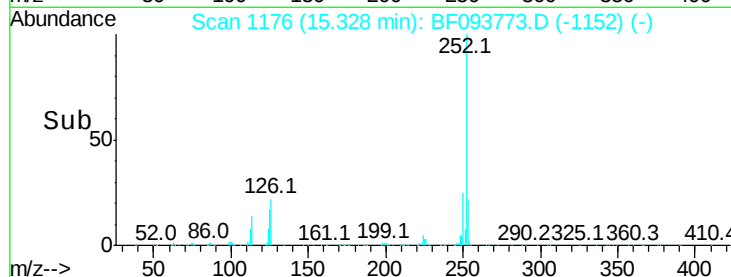
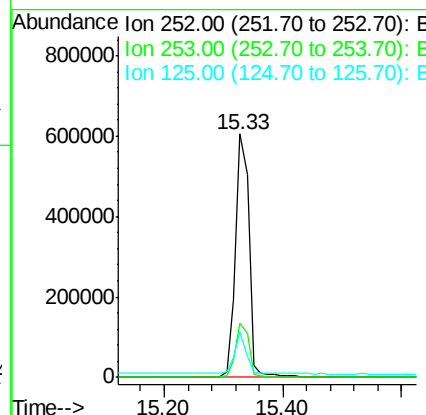
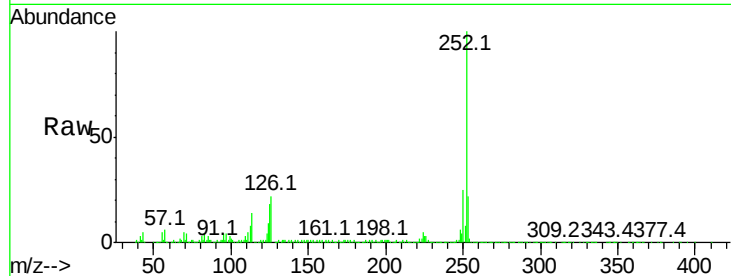
#89
Benzo(a)pyrene
Concen: 48.82 ng
RT: 15.33 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	18.3	11.0	16.4

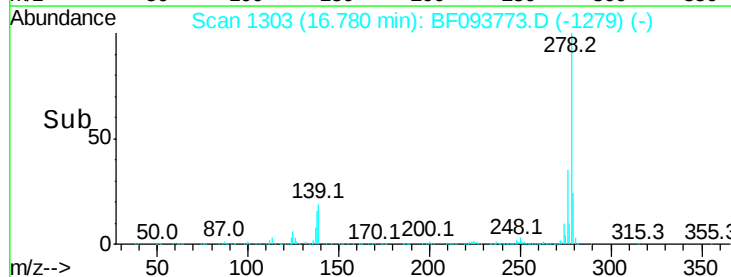
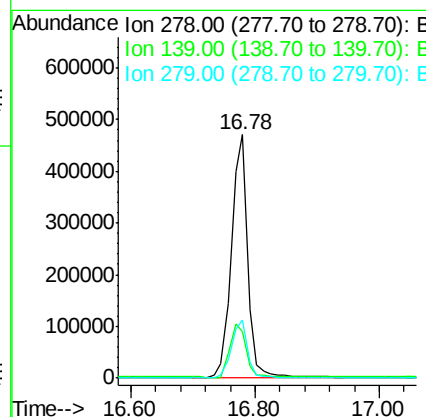
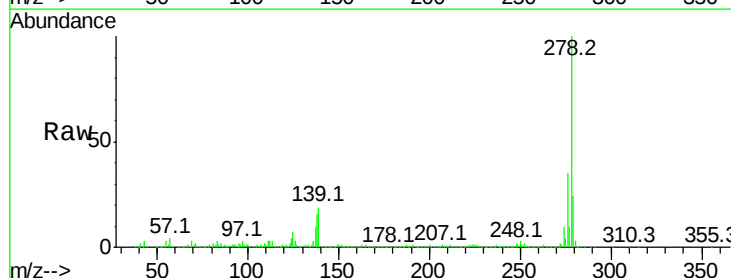
Manual Integrations
APPROVED

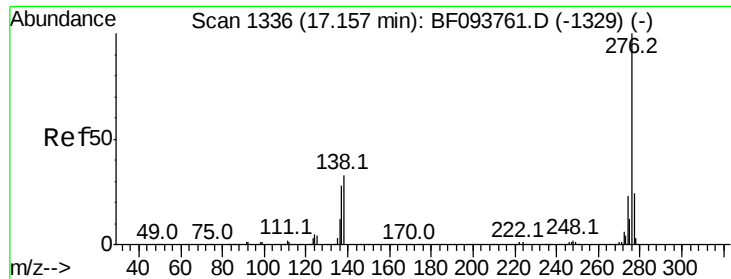
mohammad
3/21/2017 2:45:23 PM



#90
Dibenzo(a,h)anthracene
Concen: 53.96 ng
RT: 16.78 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.3	16.6	24.8
279	23.9	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 51.77 ng
 RT: 17.17 min Scan# 1337
 Delta R.T. -0.02 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B6(0-5)MS

Tot Ion:	276	Resp:	826322
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.6	28.0
138	31.8	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 3/21/2017 2:45:23 PM

