

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
 Data File : BF093764.D
 Acq On : 20 Mar 2017 14:05
 Operator : SJ/MA
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

mohammad

Quant Time: Mar 20 15:32:11 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 11:55:56 2017
 Response via : Initial Calibration

3/21/2017 2:45:18 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	227003	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	918044	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	404501	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	692592	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	353755	20.00	ng	-0.01
86) Perylene-d12	15.39	264	406095	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1995036	146.53	ng	0.00
7) Phenol-d6	6.48	99	2241234	132.81	ng	0.00
23) Nitrobenzene-d5	7.42	82	2483792	162.38	ng	0.01
41) 2,4,6-Tribromophenol	10.66	330	401514	151.67	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	3315723	154.68	ng	0.00
78) Terphenyl-d14	12.94	244	2769410	168.50	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	525386	74.72	ng	97
3) Pyridine	3.14	79	1461333	75.99	ng	97
4) n-Nitrosodimethylamine	3.11	42	627593	74.58	ng	97
6) Aniline	6.50	93	1603562	66.46	ng	# 87
8) 2-Chlorophenol	6.63	128	1017662	67.22	ng	99
9) Benzaldehyde	6.38	77	827703	84.70	ng	96
10) Phenol	6.49	94	1176532	59.63	ng	# 73
11) bis(2-Chloroethyl)ether	6.58	93	1059361	68.13	ng	99
12) 1,3-Dichlorobenzene	6.78	146	1165541	69.49	ng	97
13) 1,4-Dichlorobenzene	6.86	146	1098715	63.97	ng	96
14) 1,2-Dichlorobenzene	7.02	146	1035440	64.47	ng	97
15) Benzyl Alcohol	6.98	79	825040	65.31	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1761169	71.84	ng	100
17) 2-Methylphenol	7.10	107	968974	73.94	ng	99
18) Hexachloroethane	7.36	117	445491	73.01	ng	90
19) n-Nitroso-di-n-propylamine	7.28	70	799285	71.33	ng	96
20) 3+4-Methylphenols	7.26	107	988882	63.65	ng	# 87
22) Acetophenone	7.26	105	1311543	64.12	ng	# 96
24) Nitrobenzene	7.43	77	1008748	61.01	ng	99
25) Isophorone	7.68	82	2227557	75.66	ng	# 94
26) 2-Nitrophenol	7.74	139	572951	91.52	ng	# 91
27) 2,4-Dimethylphenol	7.78	122	997954	69.66	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	1431462	77.02	ng	99
29) 2,4-Dichlorophenol	7.99	162	960945	78.07	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	846265	65.96	ng	98
31) Naphthalene	8.15	128	2710246	60.55	ng	98
32) Benzoic acid	7.94	122	785546	104.79	ng	98
33) 4-Chloroaniline	8.20	127	1130860	60.32	ng	97
34) Hexachlorobutadiene	8.28	225	458095	68.17	ng	98
35) Caprolactam	8.60	113	284159	68.78	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	991622	76.51	ng	90
37) 2-Methylnaphthalene	8.84	142	1938330	66.86	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	631230	66.65	ng	98
40) Hexachlorocyclopentadiene	9.01	237	430276	90.93	ng	97

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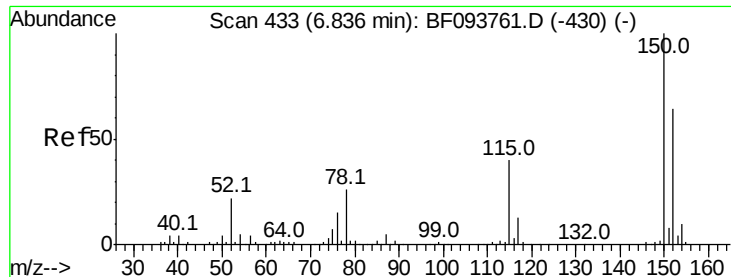
mohammad

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	618328	88.54	nq	97
43) 2,4,5-Trichlorophenol	9.16	196	578325	80.32	nq	97
46) 2-Chloronaphthalene	9.33	162	1595177	70.09	nq #	93
47) 2-Nitroaniline	9.42	65	533857	81.08	nq	90
48) Acenaphthylene	9.74	152	2825322	76.13	nq	99
49) Dimethylphthalate	9.61	163	1860512	70.42	nq	99
50) 2,6-Dinitrotoluene	9.67	165	544134	95.35	nq	98
51) Acenaphthene	9.92	154	1802680	82.42	nq	97
52) 3-Nitroaniline	9.83	138	535620	79.10	nq	97
53) 2,4-Dinitrophenol	9.93	184	231402	136.06	nq #	77
54) Dibenzofuran	10.08	168	2200599	74.01	nq	95
55) 4-Nitrophenol	9.99	139	456754	89.42	nq #	65
56) 2,4-Dinitrotoluene	10.07	165	701060	92.29	nq	91
58) 2,3,4,6-Tetrachlorophenol	10.21	232	417425	84.30	nq	97
59) Diethylphthalate	10.31	149	1937427	77.04	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	741386	72.96	nq #	84
61) 4-Nitroaniline	10.45	138	549958	87.28	nq	92
62) Azobenzene	10.58	77	2110479	83.06	nq	88
64) 4,6-Dinitro-2-methylphenol	10.48	198	367286	121.31	nq #	45
65) n-Nitrosodiphenylamine	10.54	169	1505691	64.40	nq	100
66) 4-Bromophenyl-phenylether	10.90	248	462651	70.67	nq #	89
67) Hexachlorobenzene	10.97	284	463179	67.68	nq #	81
68) Atrazine	11.06	200	533812	79.29	nq	94
69) Pentachlorophenol	11.16	266	334504	85.32	nq	99
70) Phenanthrene	11.38	178	2537704	64.81	nq	100
71) Anthracene	11.43	178	2465959	64.36	nq	99
72) Carbazole	11.59	167	2798872	69.78	nq	98
73) Di-n-butylphthalate	11.92	149	2717604	66.28	nq	99
74) Fluoranthene	12.56	202	2272238	59.88	nq	98
76) Benzidine	12.69	184	1452332	105.07	nq #	94
77) Pyrene	12.79	202	2371998	78.84	nq	99
79) Butylbenzylphthalate	13.42	149	1284148	100.48	nq	98
80) Benzo(a)anthracene	13.97	228	1835866	80.86	nq	100
81) 3,3'-Dichlorobenzidine	13.95	252	800457	100.50	nq #	93
82) Chrysene	14.01	228	1805596	82.28	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	1275440	90.77	nq #	99
84) Di-n-octyl phthalate	14.59	149	2525227	97.48	nq	100
85) Indeno(1,2,3-cd)pyrene	16.76	276	1698443	91.39	nq	99
87) Benzo(b)fluoranthene	15.00	252	2030176m	78.87	nq	
88) Benzo(k)fluoranthene	15.02	252	1432482m	62.97	nq	
89) Benzo(a)pyrene	15.34	252	1708159	75.08	nq	97
90) Dibenzo(a,h)anthracene	16.78	278	1430182	74.30	nq	98
91) Benzo(g,h,i)perylene	17.18	276	1479700	75.59	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:152 Resp: 227003

Ion Ratio Lower Upper

152 100

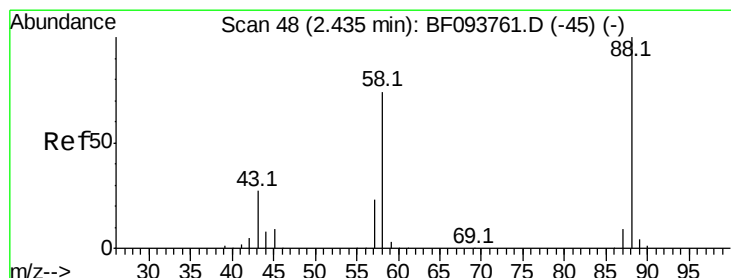
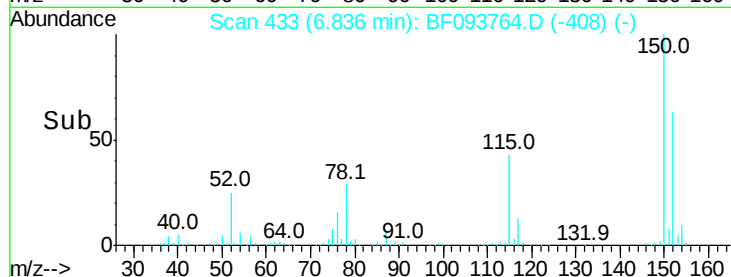
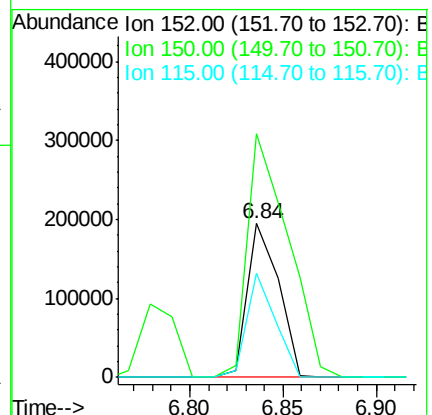
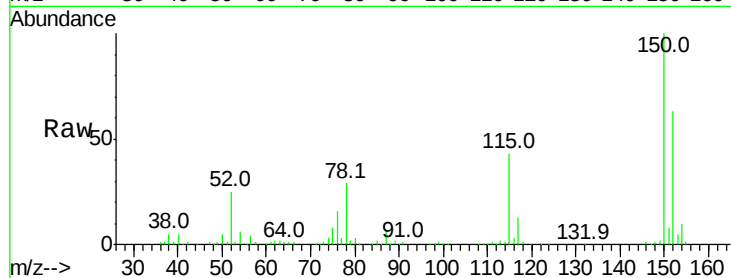
150 158.7 126.2 189.2

115 67.9 52.2 78.2

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#2

1,4-Dioxane

Concen: 74.72 ng

RT: 2.45 min Scan# 49

Delta R.T. 0.00 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

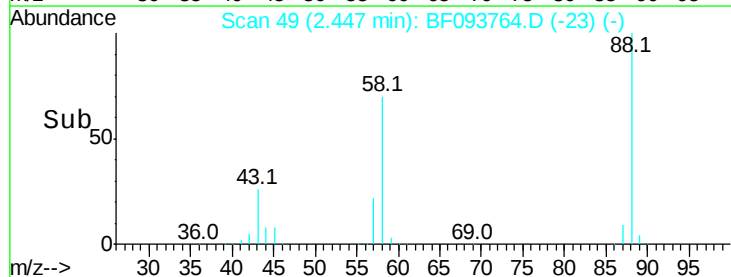
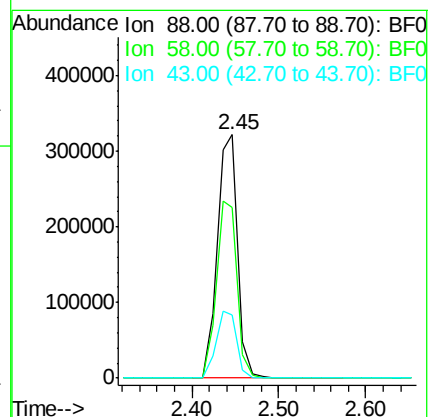
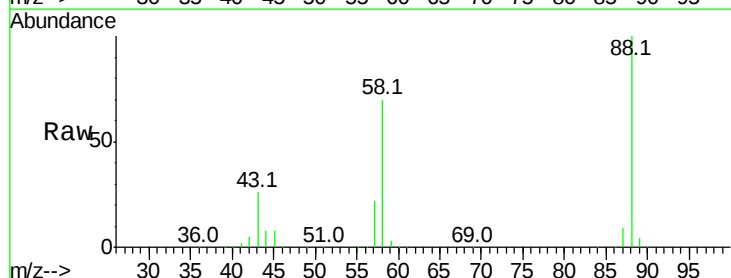
Tgt Ion: 88 Resp: 525386

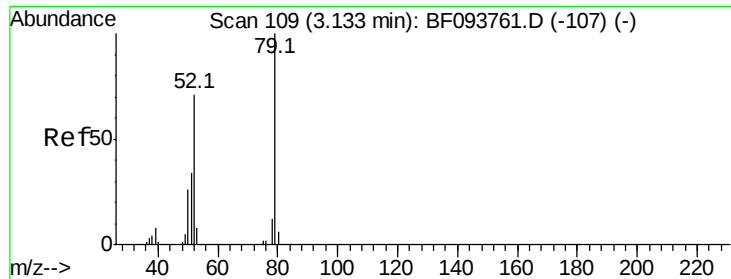
Ion Ratio Lower Upper

88 100

58 74.0 61.4 92.0

43 28.0 23.4 35.0





#3
 Pvridine
 Concen: 75.99 ng
 RT: 3.14 min Scan# 110
 Delta R.T. -0.01 min
 Lab File: BF093764.D
 Acq: 20 Mar 2017 14:05

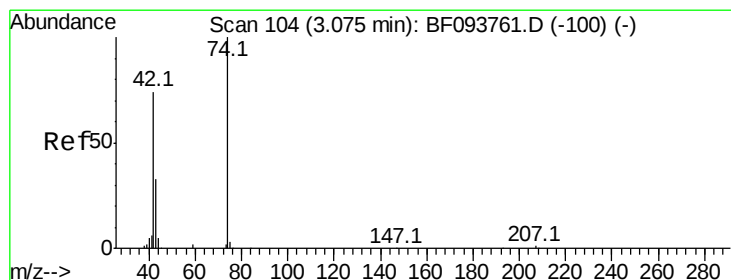
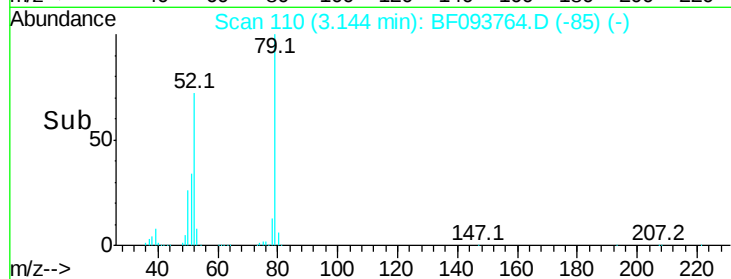
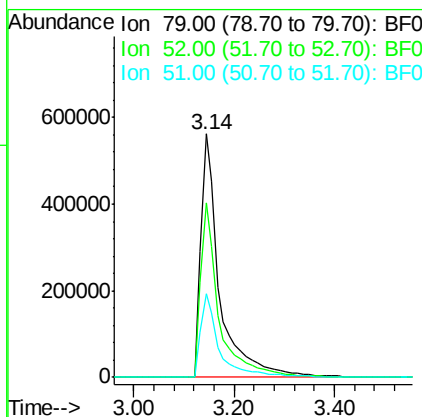
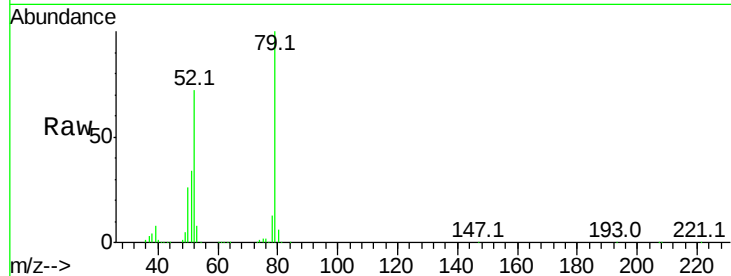
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion: 79 Resp: 1461333
 Ion Ratio Lower Upper
 79 100
 52 71.9 54.8 82.2
 51 34.2 27.0 40.4

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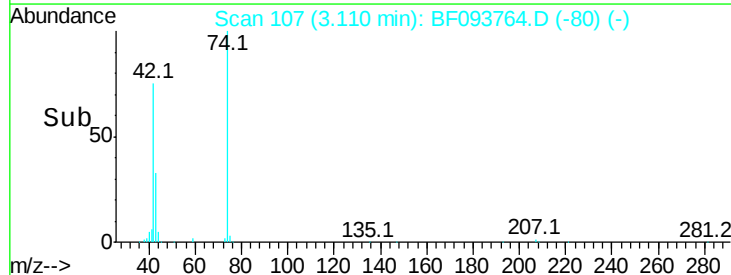
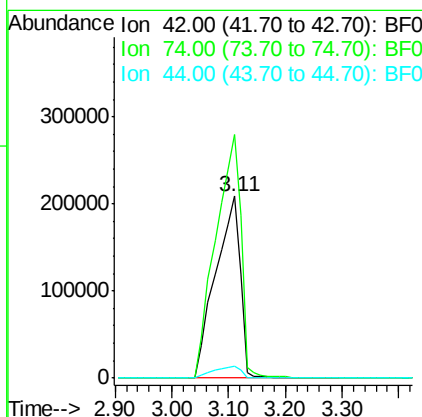
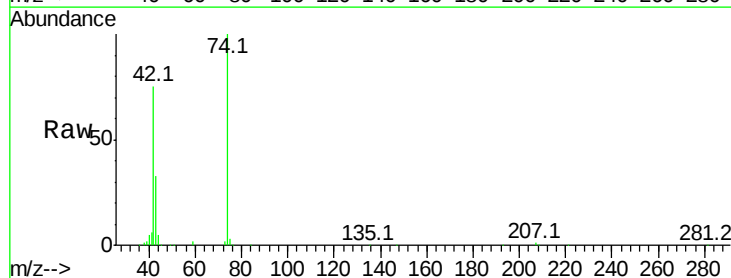
mohammad

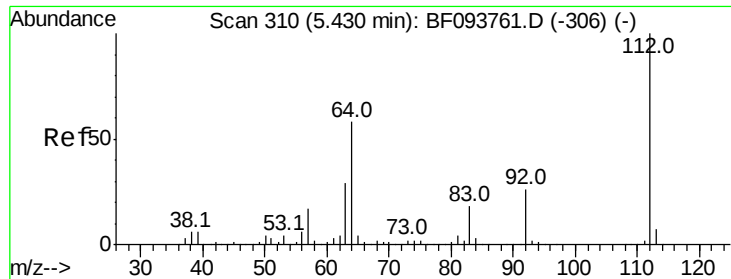
3/21/2017 2:45:18 PM



#4
 n-Nitrosodimethylamine
 Concen: 74.58 ng
 RT: 3.11 min Scan# 107
 Delta R.T. 0.01 min
 Lab File: BF093764.D
 Acq: 20 Mar 2017 14:05

Tgt Ion: 42 Resp: 627593
 Ion Ratio Lower Upper
 42 100
 74 134.0 103.9 155.9
 44 6.5 5.7 8.5





#5

2-Fluorophenol

Concen: 146.53 ng

RT: 5.44 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:112 Resp: 1995036

Ion Ratio Lower Upper

112 100

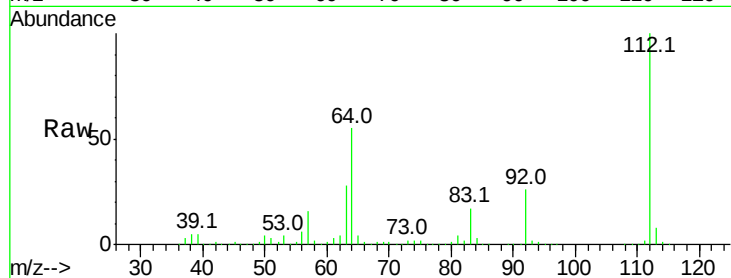
64 55.4 46.0 69.0

63 27.8 23.4 35.0

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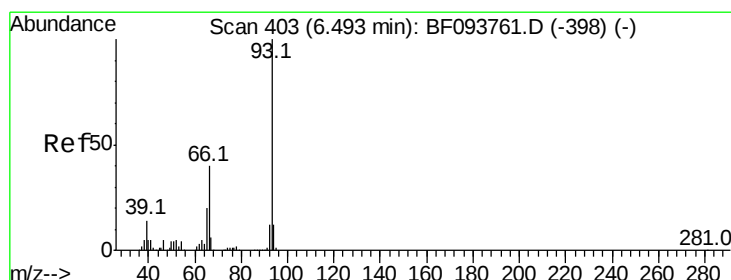
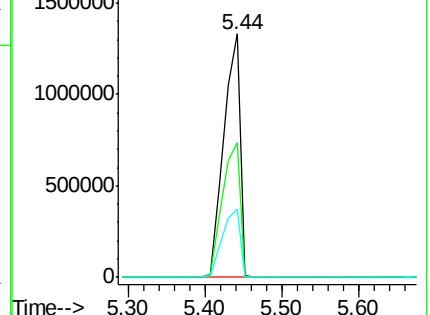
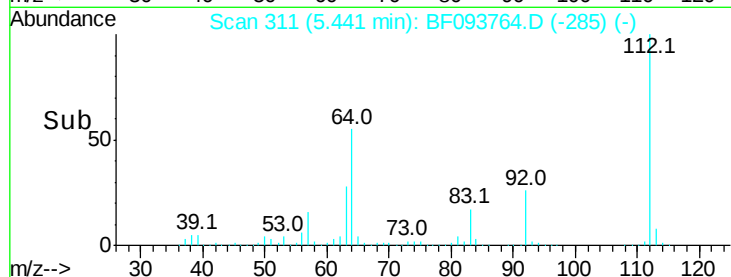
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 66.46 ng

RT: 6.50 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

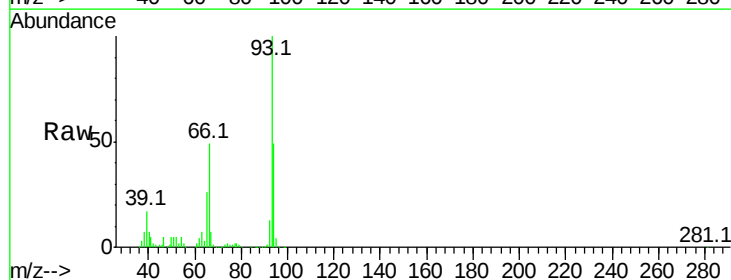
Tgt Ion: 93 Resp: 1603562

Ion Ratio Lower Upper

93 100

66 49.3 32.9 49.3

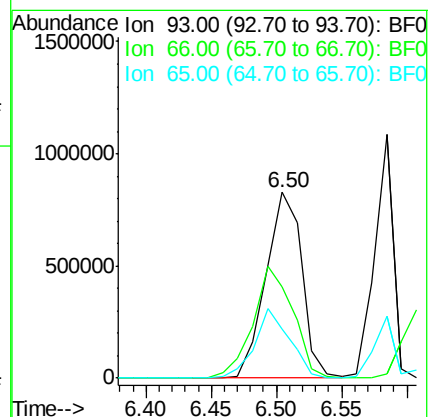
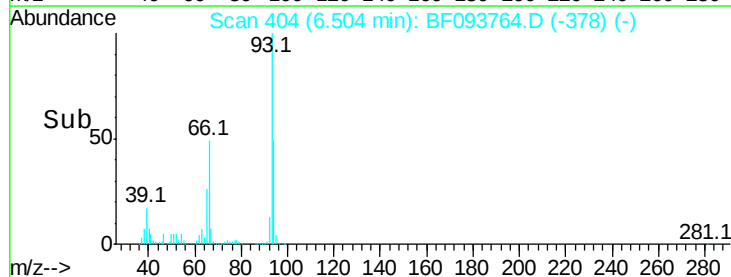
65 26.3 16.0 24.0#

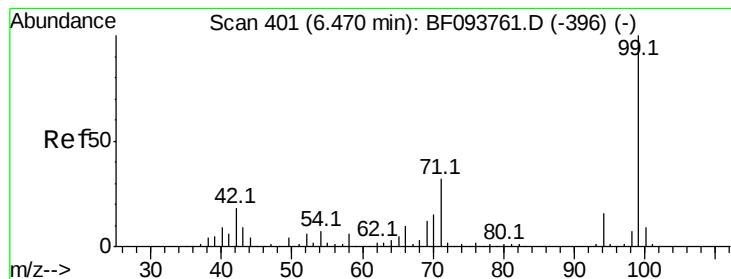


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 132.81 ng

RT: 6.48 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 99 Resp: 2241234

Ion Ratio Lower Upper

99 100

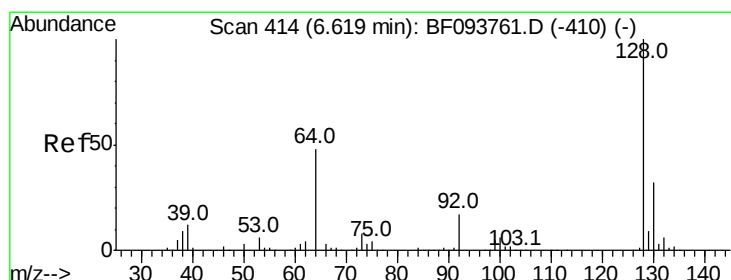
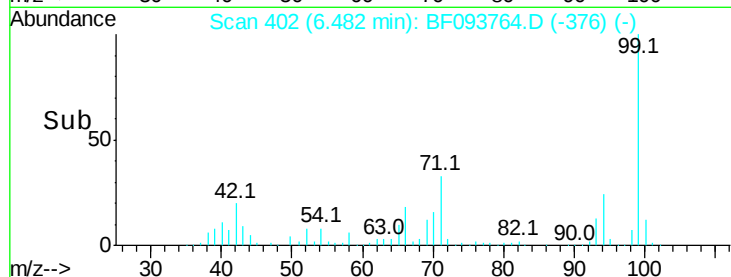
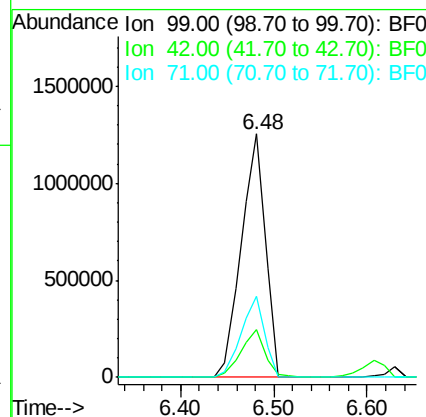
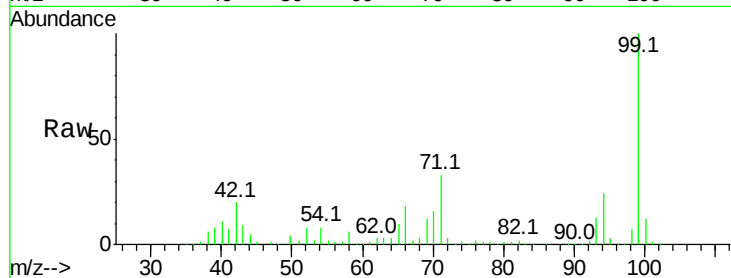
42 19.7 13.5 20.3

71 33.5 24.5 36.7

Manual Integrations
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#8

2-Chlorophenol

Concen: 67.22 ng

RT: 6.63 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

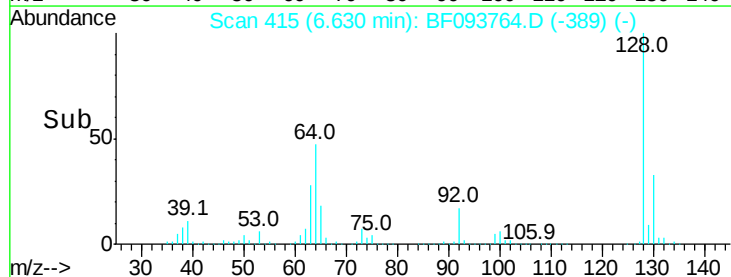
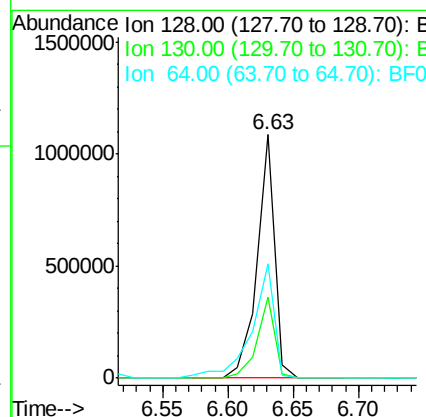
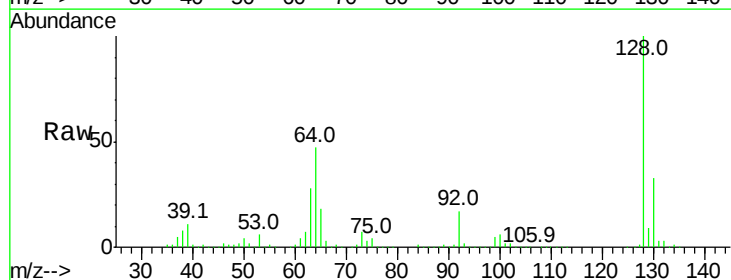
Tgt Ion:128 Resp: 1017662

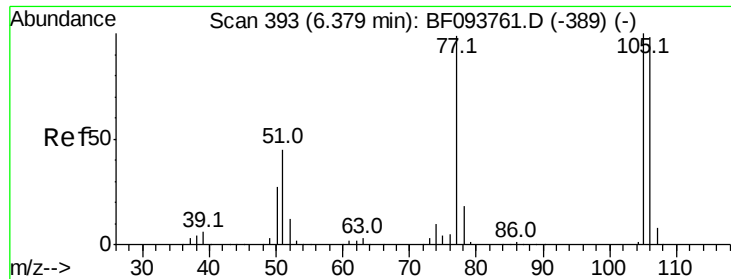
Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

64 46.9 28.4 68.4





#9
Benzaldehyde
Concen: 84.70 ng
RT: 6.38 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

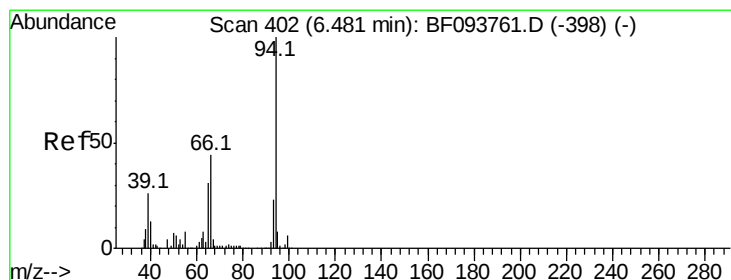
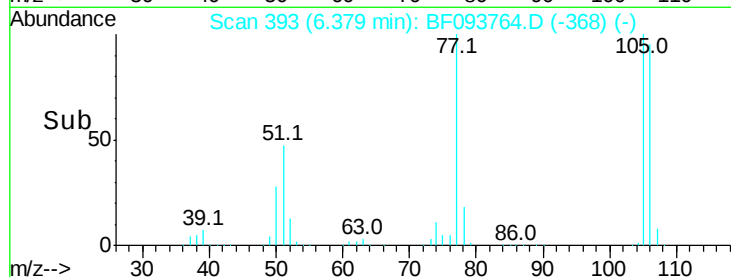
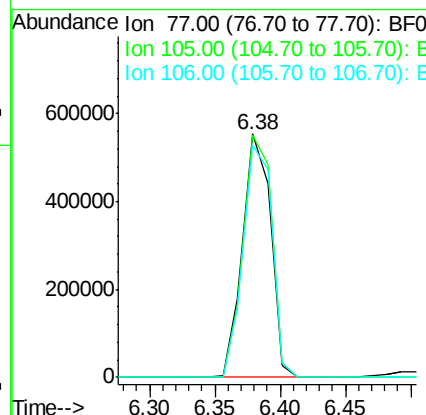
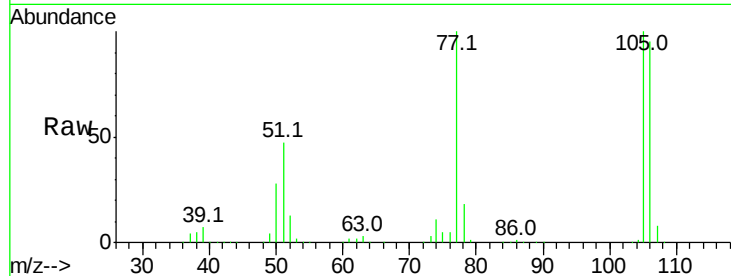
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.7	83.8	123.8
106	95.3	79.1	119.1

Manual Integrations
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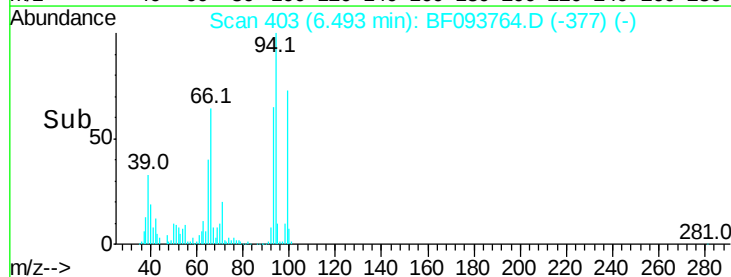
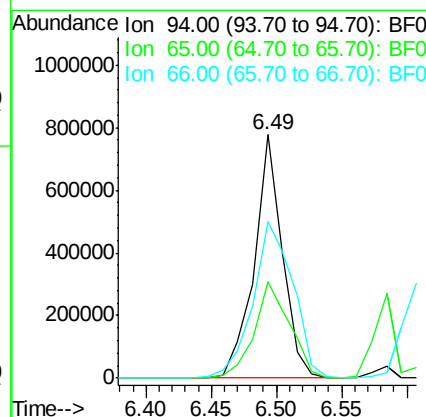
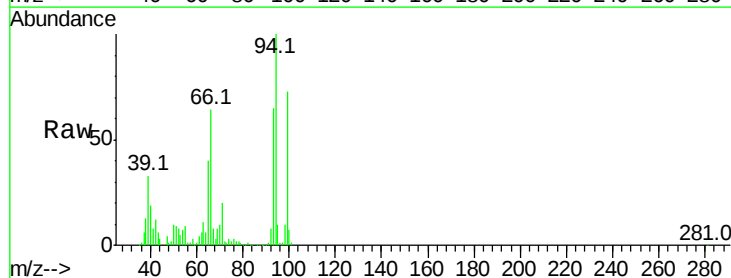
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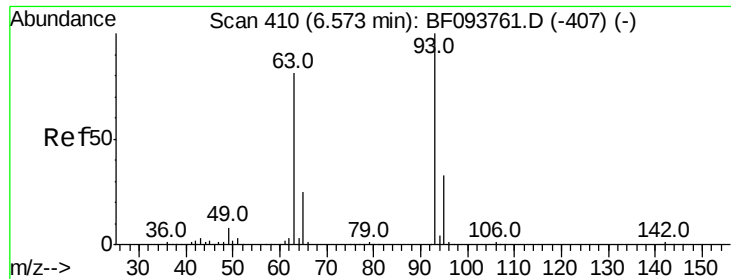
3/21/2017 2:45:18 PM



#10
Phenol
Concen: 59.63 ng
RT: 6.49 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

Tgt Ion	Ratio	Lower	Upper
94	100		
65	39.8	9.9	49.9
66	64.1	23.1	63.1#





#11
 bis(2-Chloroethyl)ether
 Concen: 68.13 ng
 RT: 6.58 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF093764.D
 Acq: 20 Mar 2017 14:05

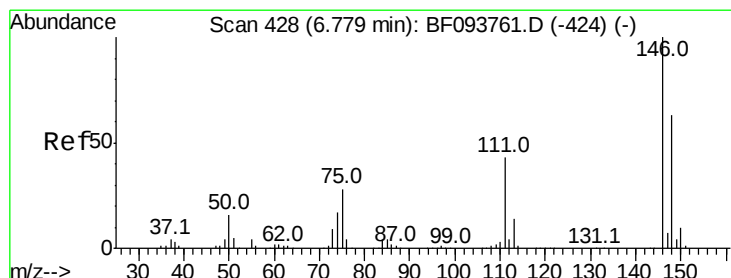
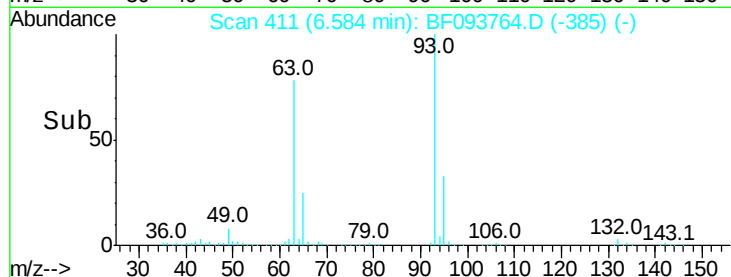
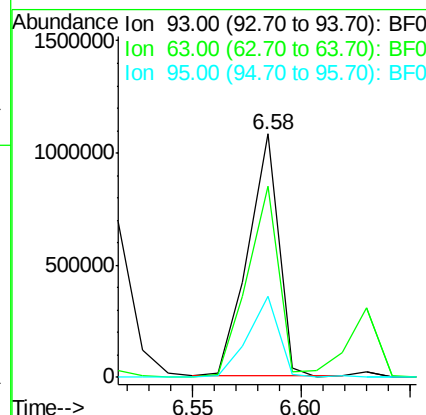
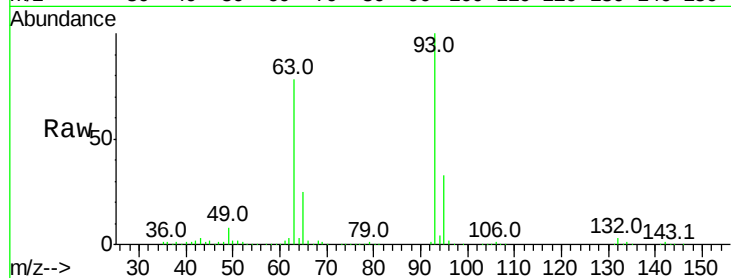
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	93	Resp:	1059361
Ion	Ratio	Lower	Upper
93	100		
63	78.4	59.2	99.2
95	33.3	12.8	52.8

Manual Integrations
 APPROVED

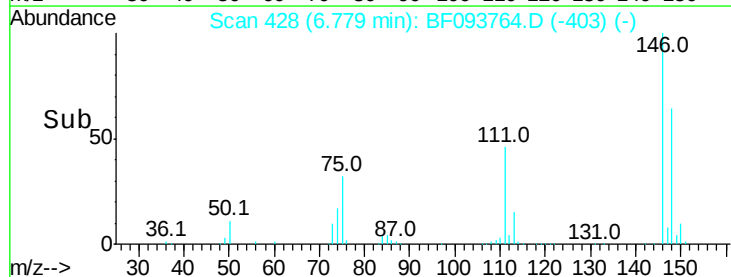
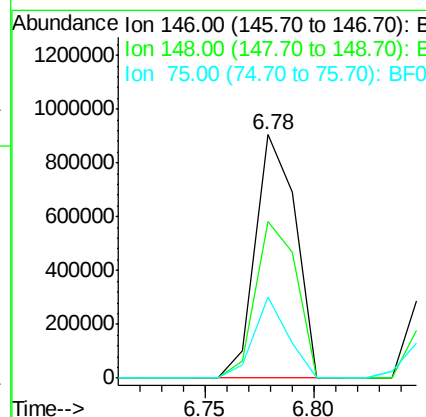
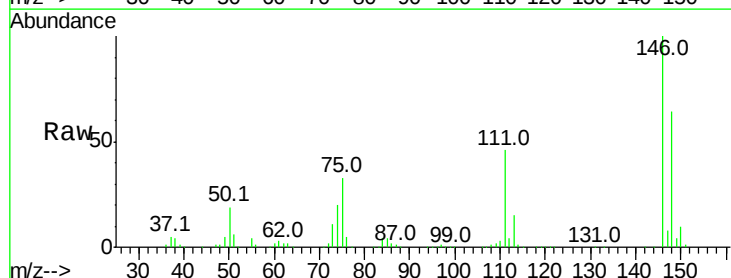
mohammad

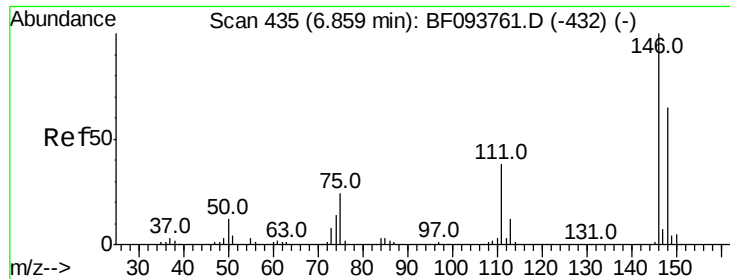
3/21/2017 2:45:18 PM



#12
 1,3-Dichlorobenzene
 Concen: 69.49 ng
 RT: 6.78 min Scan# 428
 Delta R.T. -0.01 min
 Lab File: BF093764.D
 Acq: 20 Mar 2017 14:05

Tgt Ion:	146	Resp:	1165541
Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.6
75	33.1	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 63.97 ng

RT: 6.86 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

Tot Ion:146 Resp: 1098715

Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.2

111 44.1 30.3 45.5

Instrument :

BNA_F

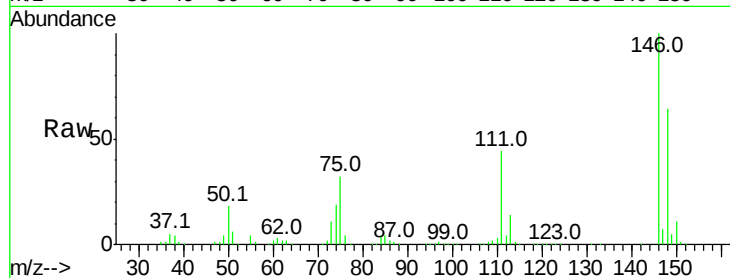
ClientSampleId :

SSTDIC080

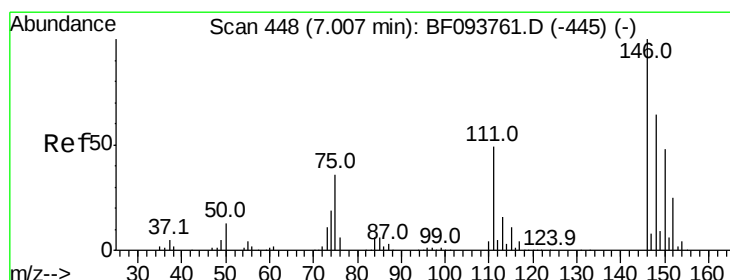
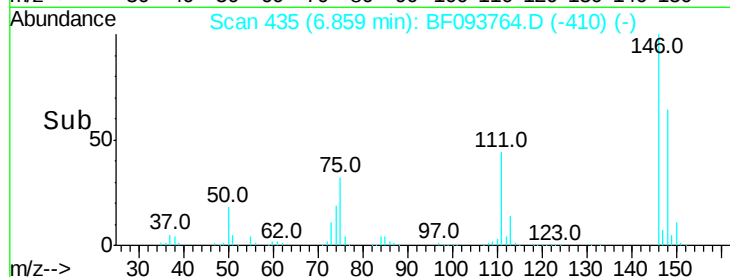
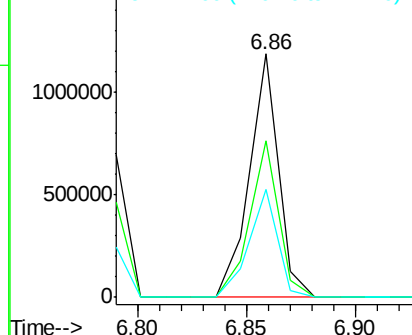
Manual Integrations
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 64.47 ng

RT: 7.02 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

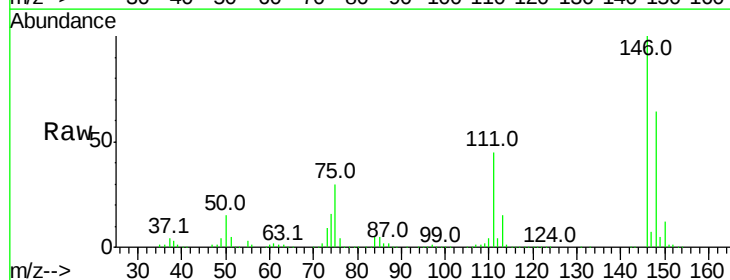
Tgt Ion:146 Resp: 1035440

Ion Ratio Lower Upper

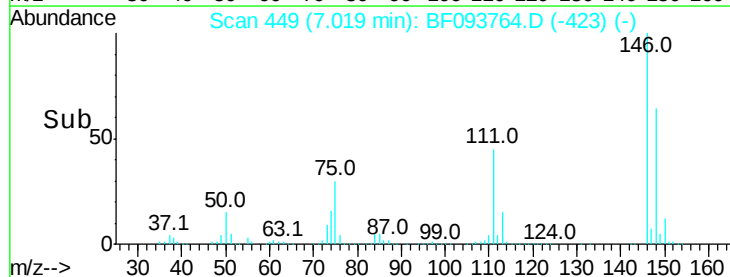
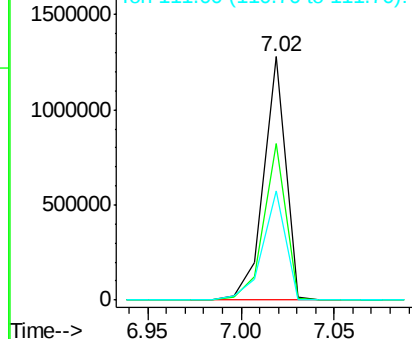
146 100

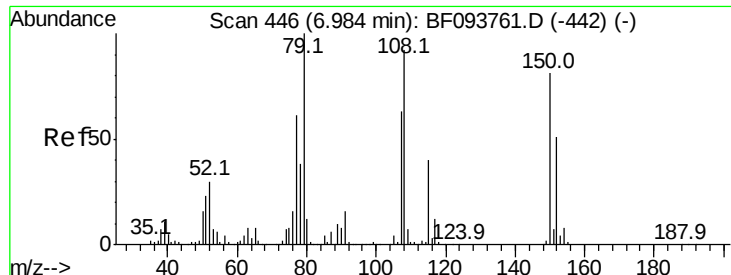
148 64.3 50.4 75.6

111 44.6 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: 65.31 ng

RT: 6.98 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 79 Resp: 825040

Ion Ratio Lower Upper

79 100

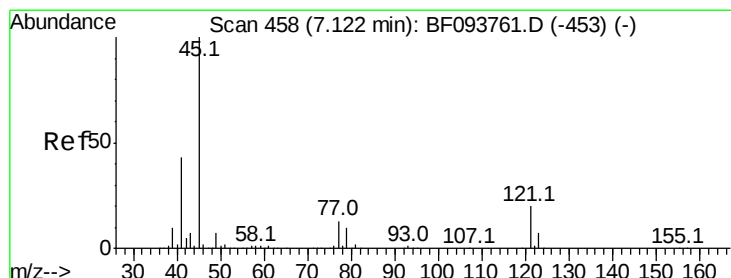
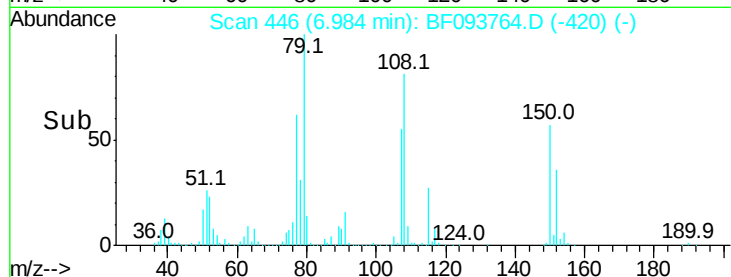
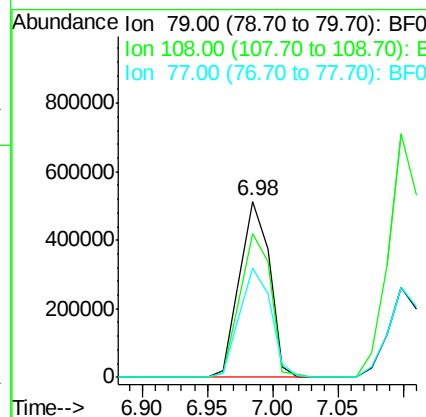
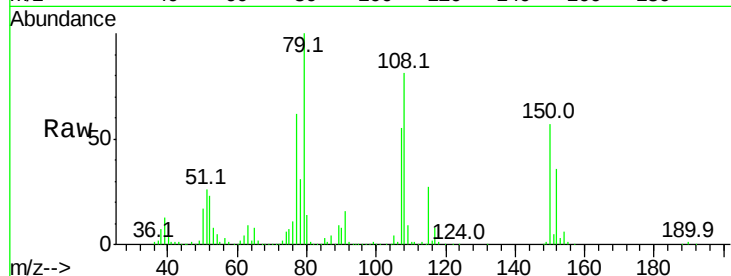
108 81.3 63.4 95.0

77 62.0 49.2 73.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 71.84 ng

RT: 7.12 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

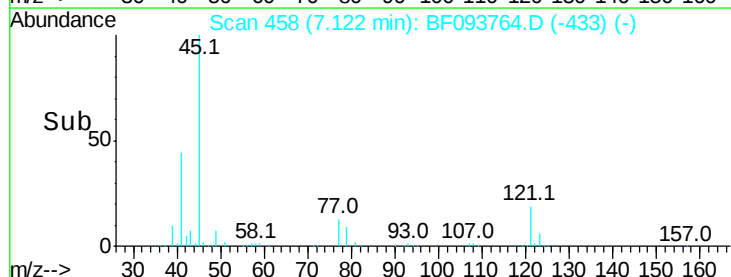
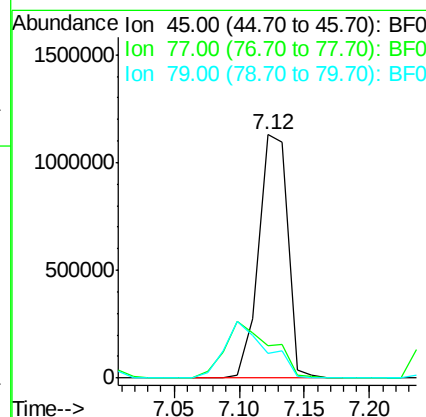
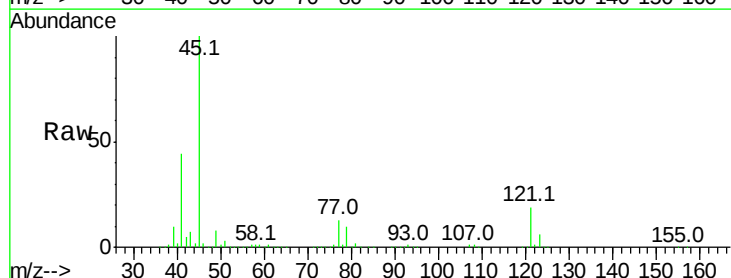
Tgt Ion: 45 Resp: 1761169

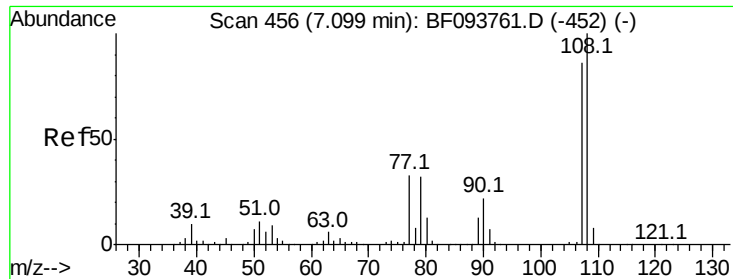
Ion Ratio Lower Upper

45 100

77 13.4 0.0 33.2

79 10.0 0.0 30.0





#17
2-Methylphenol
Concen: 73.94 ng
RT: 7.10 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

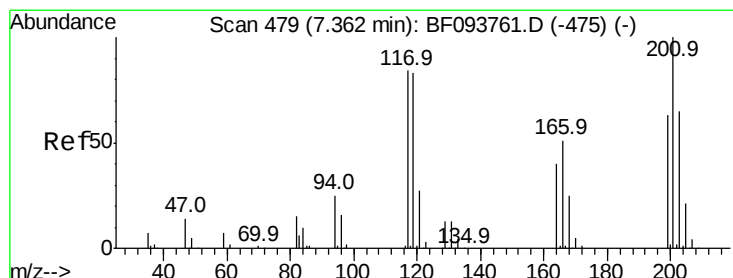
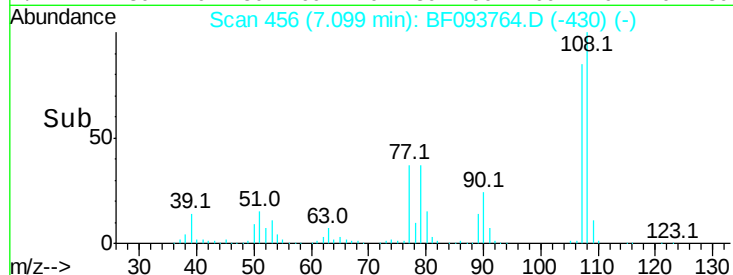
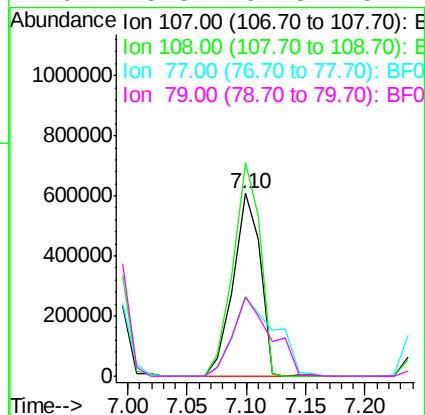
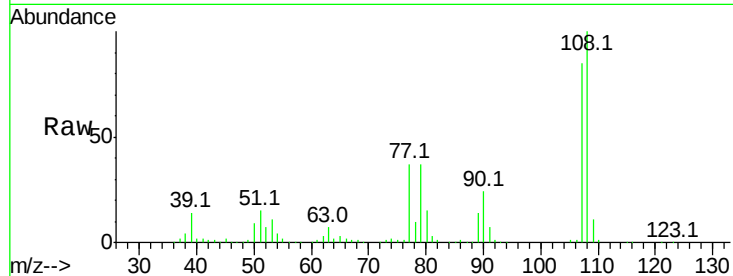
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	968974		
108	108.00	117.0		93.4	140.0
77	77.00	43.2		35.8	53.6
79	79.00	43.5		34.8	52.2

Manual Integrations
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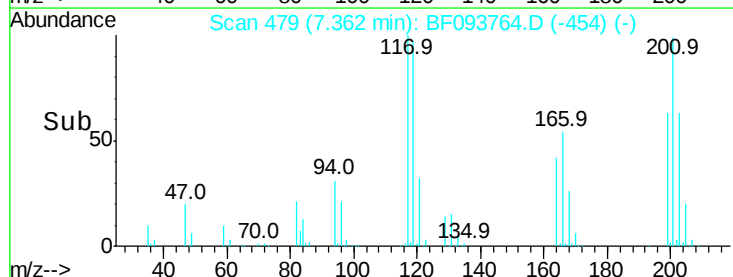
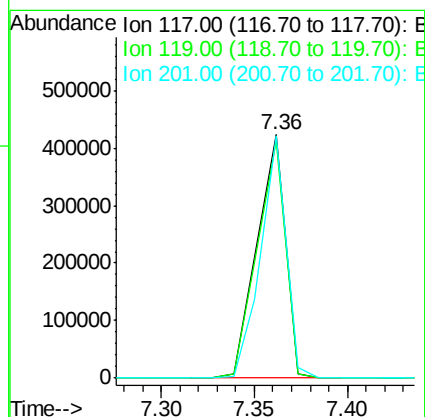
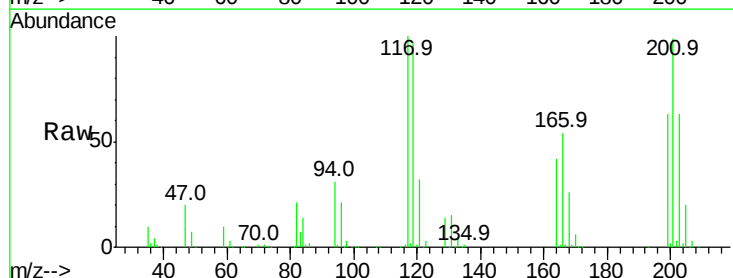
mohammad

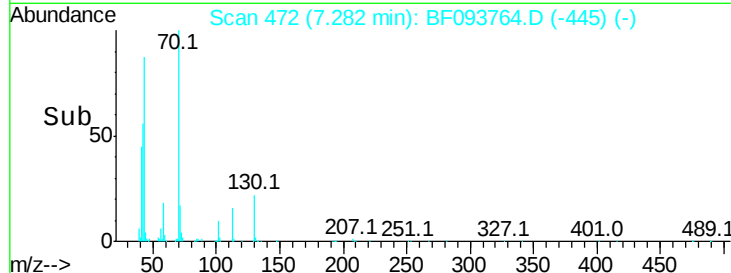
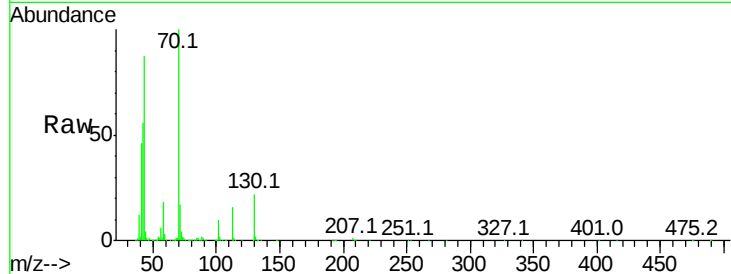
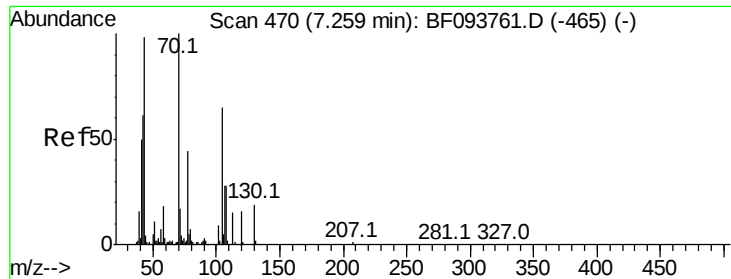
3/21/2017 2:45:18 PM



#18
Hexachloroethane
Concen: 73.01 ng
RT: 7.36 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	445491		
119	119.00	97.3		77.4	116.0
201	201.00	99.4		94.6	141.8





#19
n-Nitroso-di-n-propylamine
Concen: 71.33 ng
RT: 7.28 min Scan# 472
Delta R.T. 0.01 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

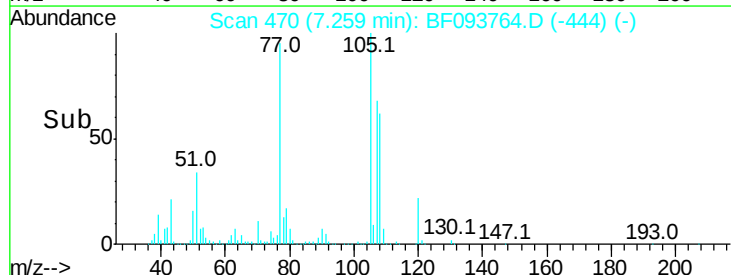
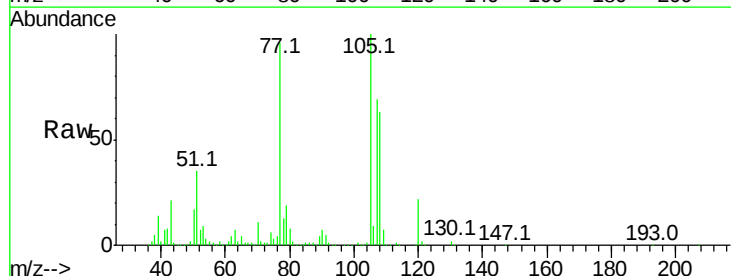
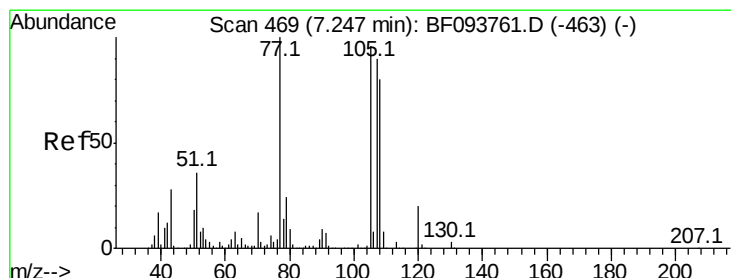
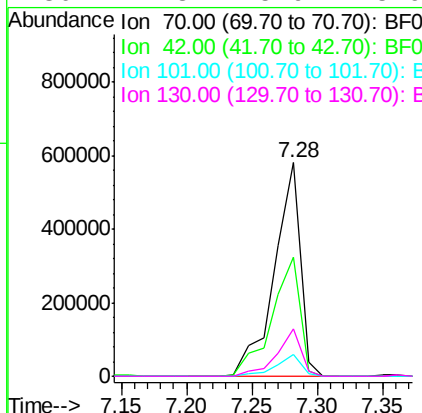
Tot Ion	Ratio	Lower	Upper
70	100		
42	56.0	47.2	70.8
101	10.1	7.2	10.8
130	22.3	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Manual Integrations
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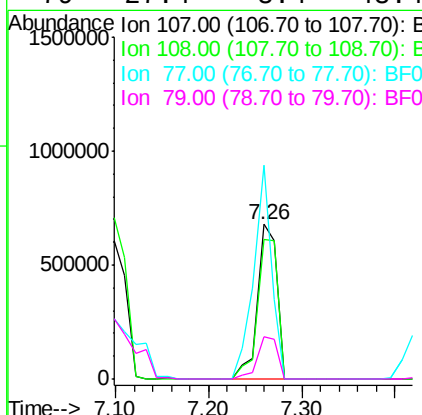
mohammad

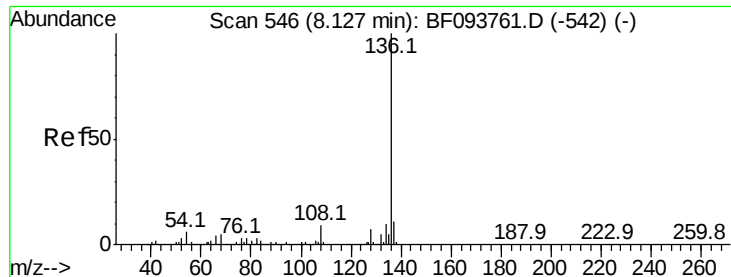
3/21/2017 2:45:18 PM



#20
3+4-Methylphenols
Concen: 63.65 ng
RT: 7.26 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	71.0	111.0
77	138.2	90.5	130.5#
79	27.4	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: BF093764.D
Acq: 20 Mar 2017 14:05

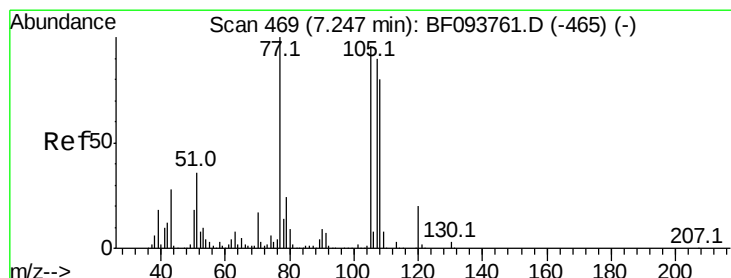
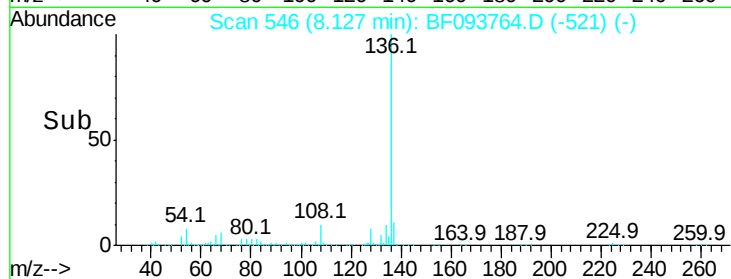
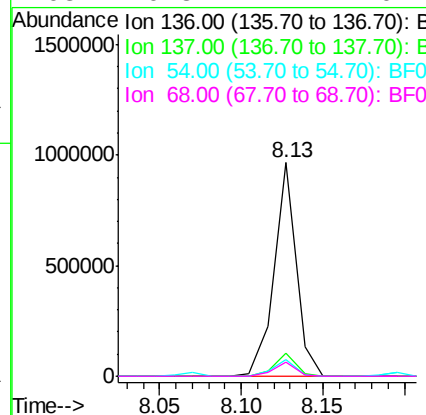
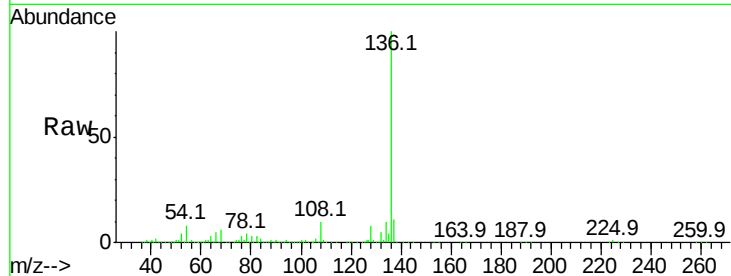
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	8.0	4.9	7.3	
68	6.3	4.1	6.1	

Manual Integrations
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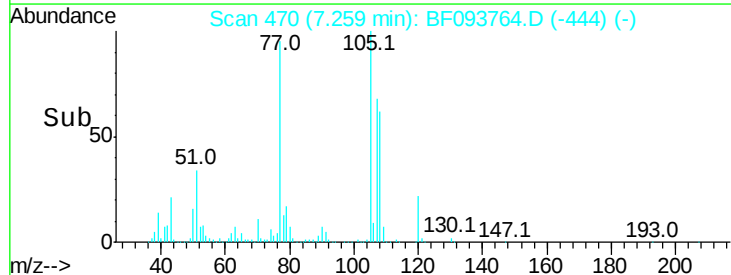
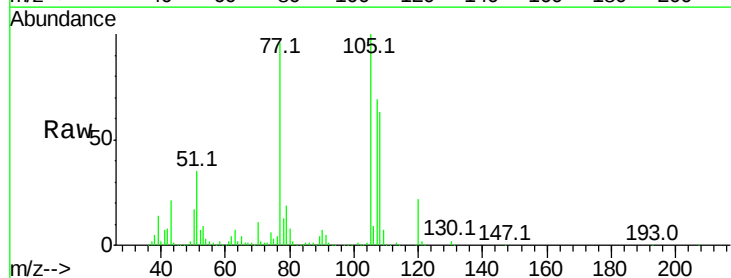
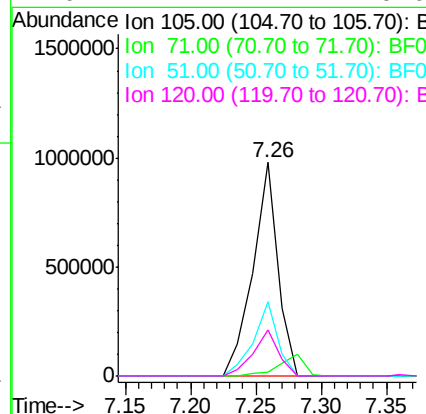
mohammad

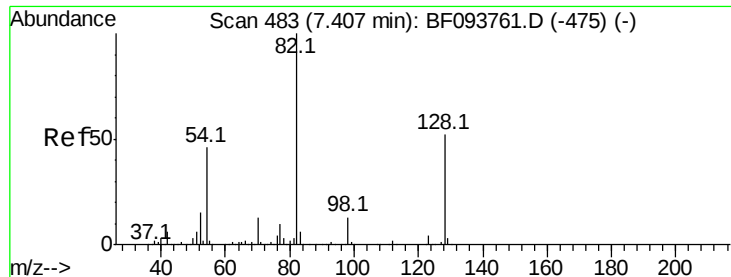
3/21/2017 2:45:18 PM



#22
Acetophenone
Concen: 64.12 ng
RT: 7.26 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.8	2.8	4.2	
51	34.9	30.7	46.1	
120	21.7	17.4	26.0	





#23
Nitrobenzene-d5
Concen: 162.38 ng
RT: 7.42 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

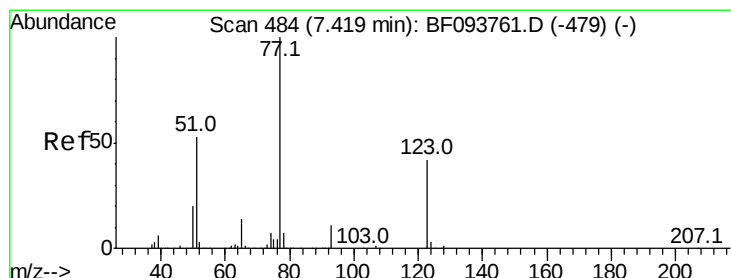
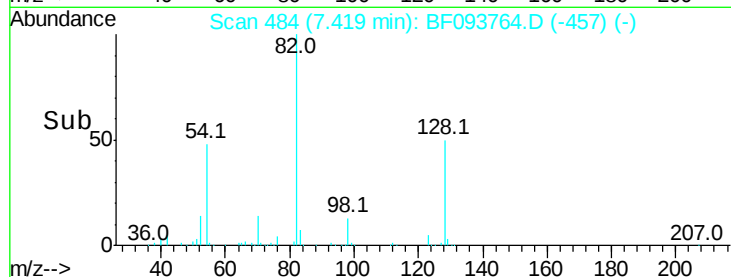
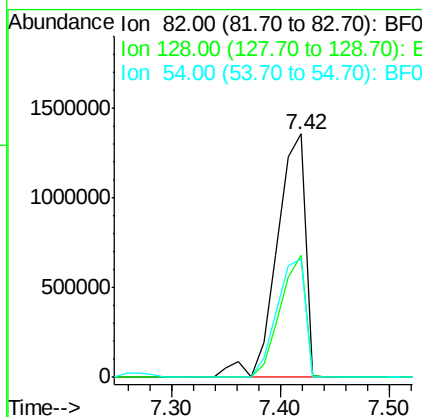
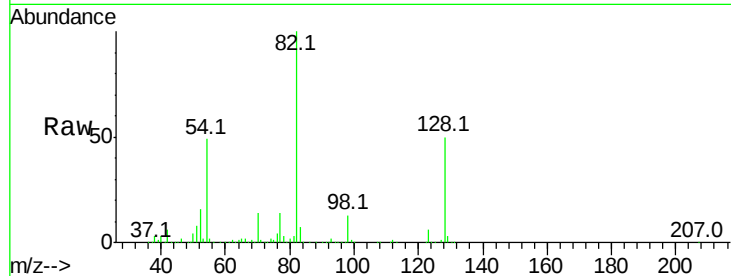
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion: 82 Resp: 2483792
Ion Ratio Lower Upper
82 100
128 50.2 34.0 51.0
54 48.8 42.2 63.2

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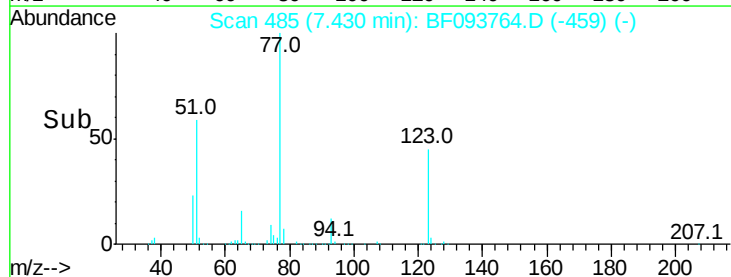
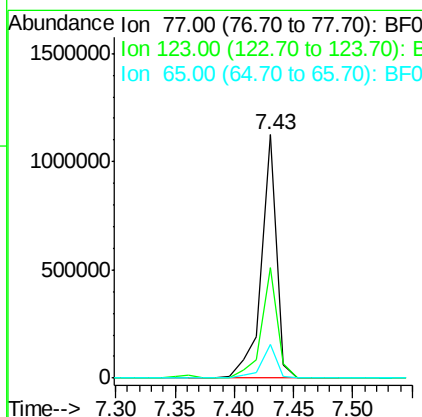
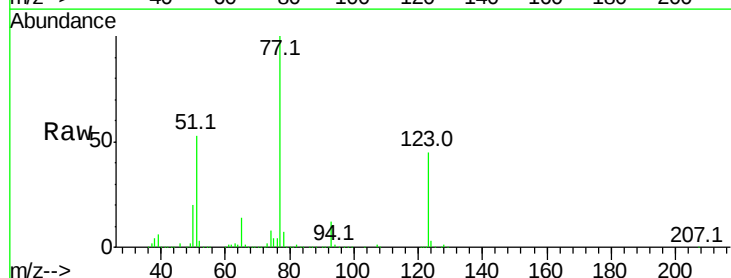
mohammad

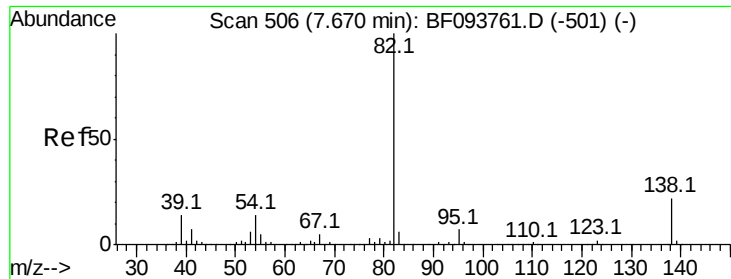
3/21/2017 2:45:18 PM



#24
Nitrobenzene
Concen: 61.01 ng
RT: 7.43 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

Tgt Ion: 77 Resp: 1008748
Ion Ratio Lower Upper
77 100
123 45.5 35.8 53.8
65 13.8 10.6 15.8





#25

Isophorone

Concen: 75.66 ng

RT: 7.68 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 82 Resp: 2227557

Ion Ratio Lower Upper

82 100

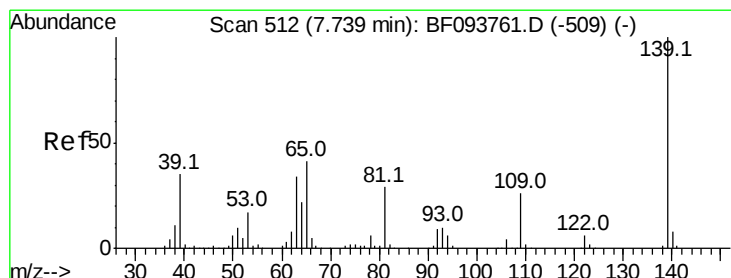
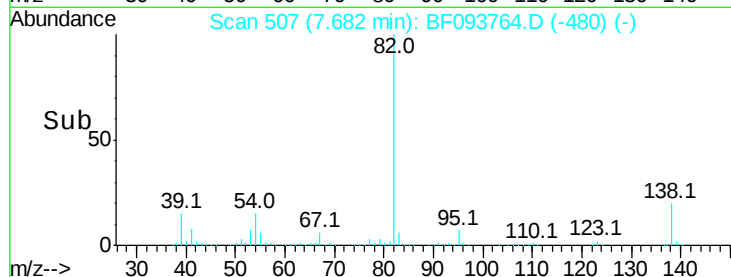
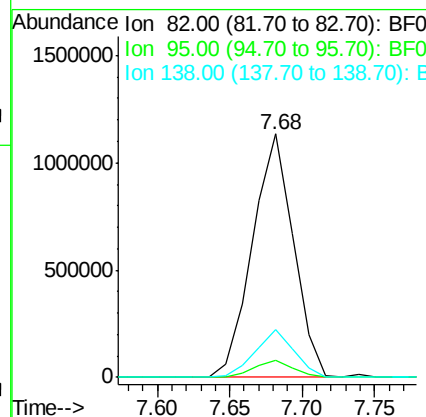
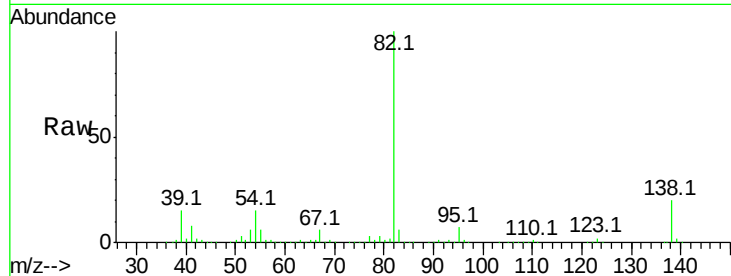
95 6.9 5.3 7.9

138 19.8 13.1 19.7#

Manual Integrations
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3/21/2017 2:45:18 PM



#26

2-Nitrophenol

Concen: 91.52 ng

RT: 7.74 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

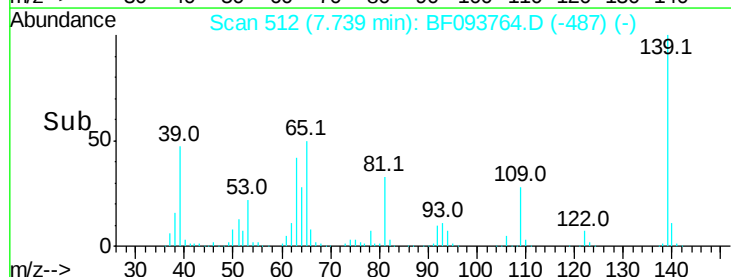
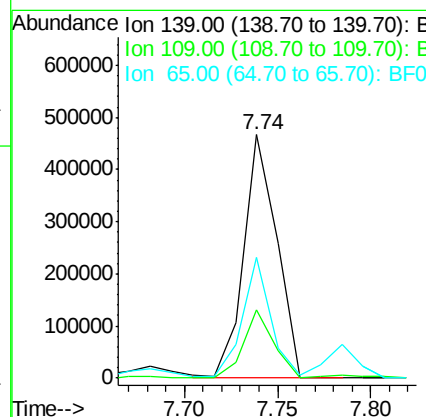
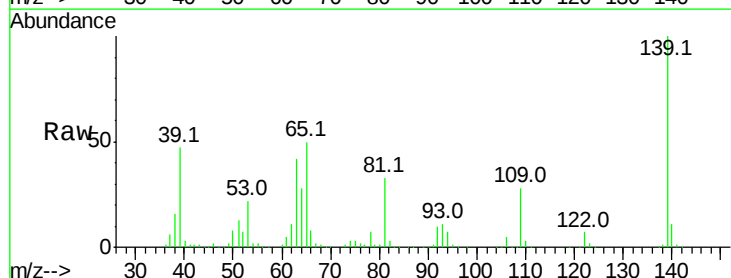
Tgt Ion: 139 Resp: 572951

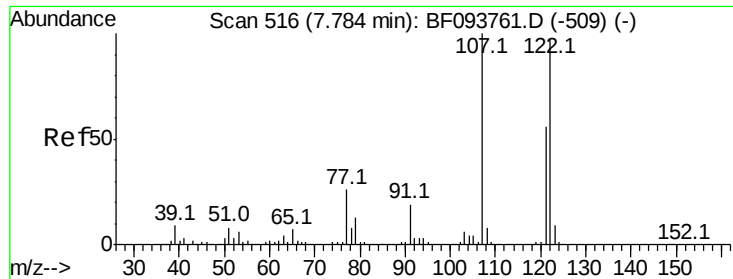
Ion Ratio Lower Upper

139 100

109 28.0 21.0 31.6

65 49.7 33.0 49.6#





#27
 2,4-Dimethylphenol
 Concen: 69.66 ng
 RT: 7.78 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF093764.D
 Acq: 20 Mar 2017 14:05

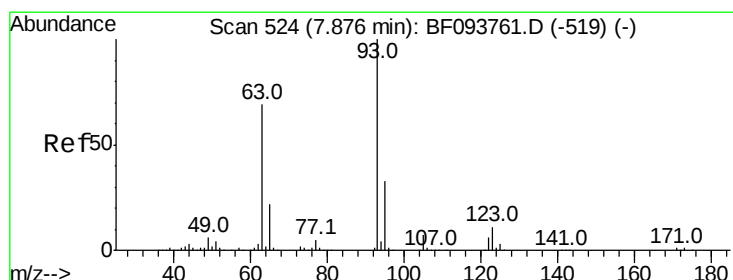
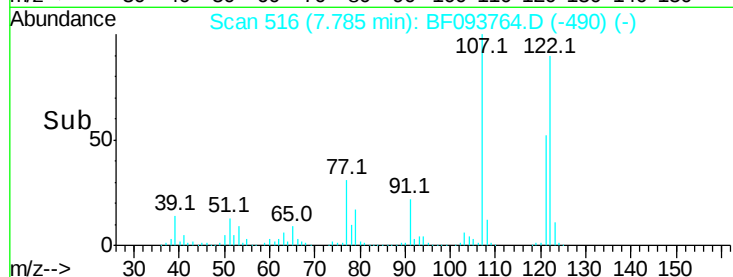
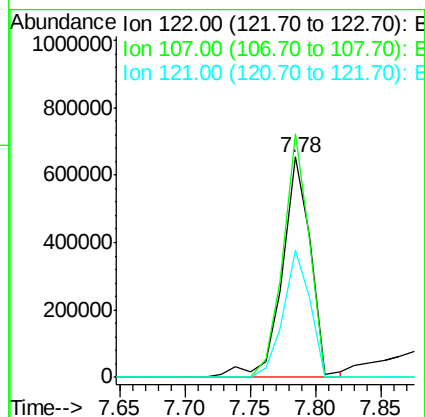
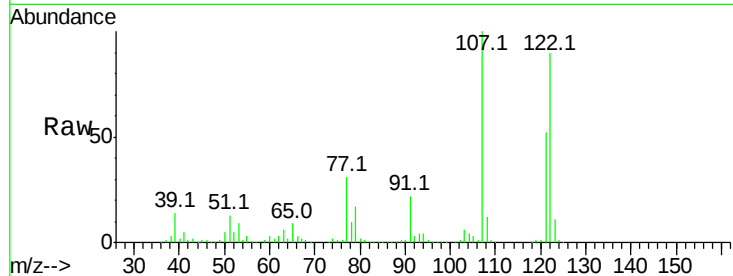
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	122	Resp:	997954
Ion Ratio	Lower	Upper	
122	100		
107	110.6	89.2	133.8
121	57.8	45.2	67.8

Manual Integrations
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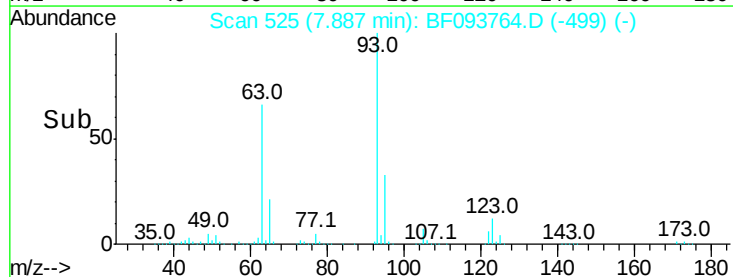
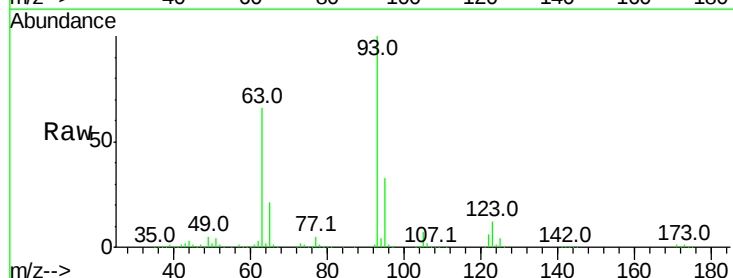
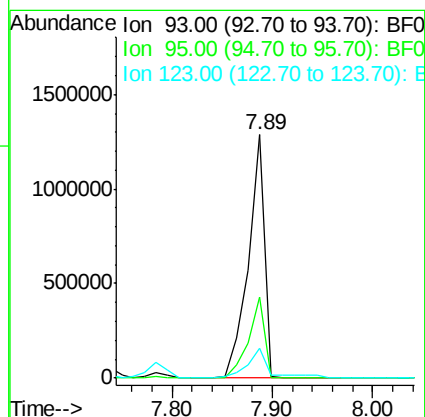
mohammad

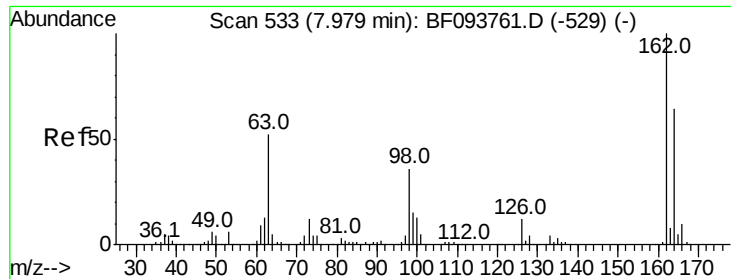
3/21/2017 2:45:18 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 77.02 ng
 RT: 7.89 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF093764.D
 Acq: 20 Mar 2017 14:05

Tgt Ion:	93	Resp:	1431462
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.5	39.7
123	12.1	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 78.07 ng

RT: 7.99 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

Instrument :

BNA_F

ClientSampleId :

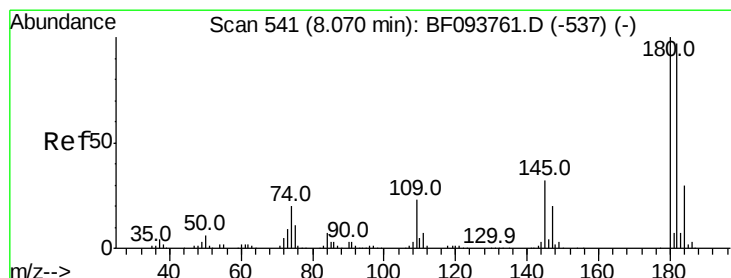
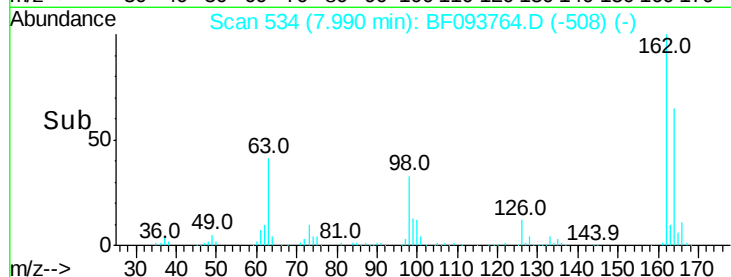
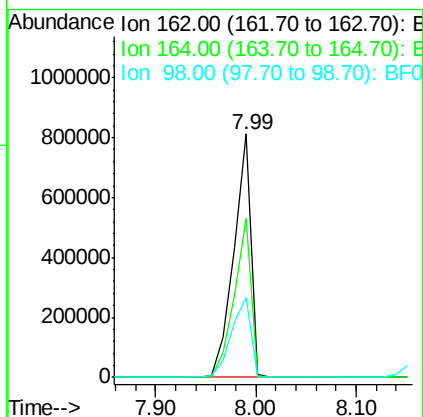
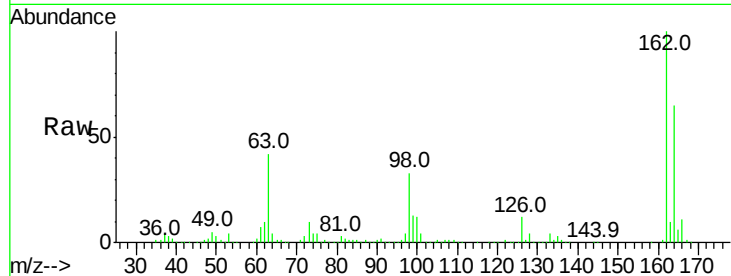
SSTDIC080

Tot Ion:	162	Resp:	960945
Ion Ratio	Lower	Upper	
162	100		
164	65.5	44.6	84.6
98	32.9	14.8	54.8

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 65.96 ng

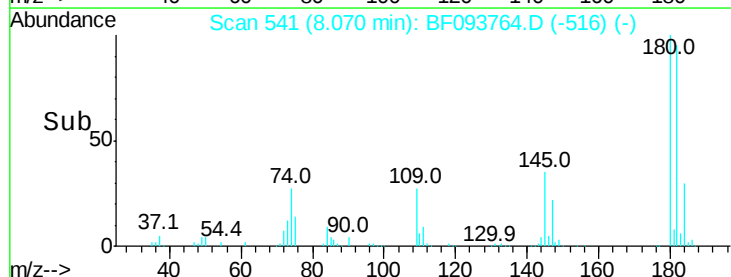
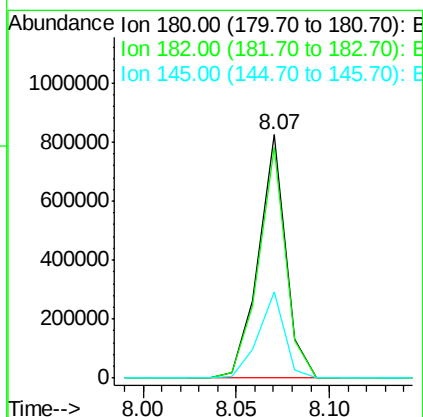
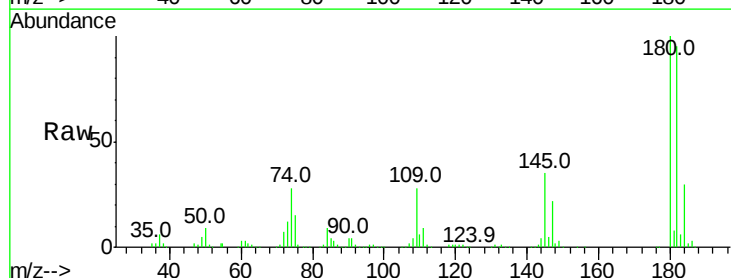
RT: 8.07 min Scan# 541

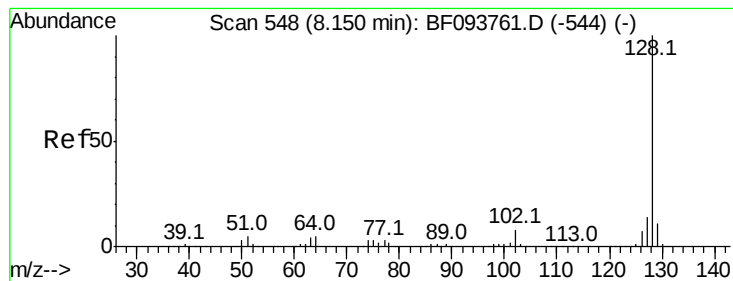
Delta R.T. -0.01 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

Tgt Ion:	180	Resp:	846265
Ion Ratio	Lower	Upper	
180	100		
182	94.7	75.8	113.6
145	35.3	25.3	37.9





#31

Naphthalene

Concen: 60.55 ng

RT: 8.15 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:128 Resp: 2710246

Ion Ratio Lower Upper

128 100

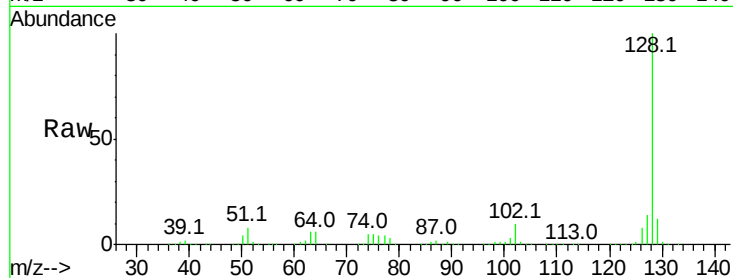
129 11.9 9.0 13.6

127 14.4 10.8 16.2

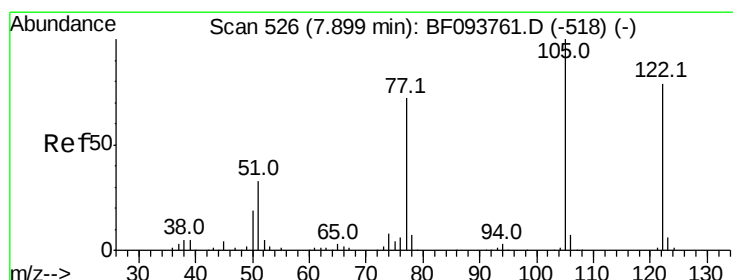
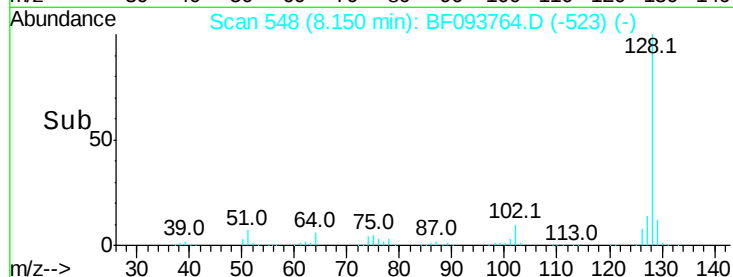
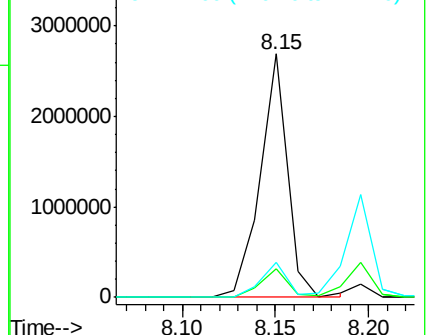
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 104.79 ng

RT: 7.94 min Scan# 530

Delta R.T. 0.05 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

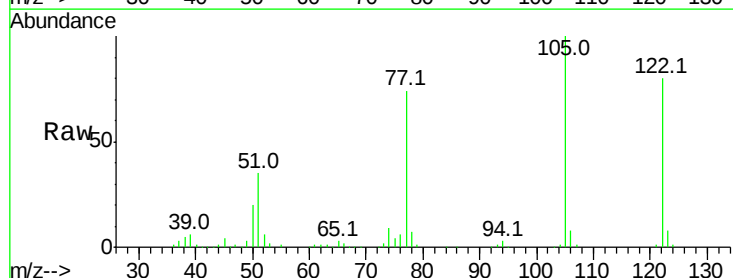
Tgt Ion:122 Resp: 785546

Ion Ratio Lower Upper

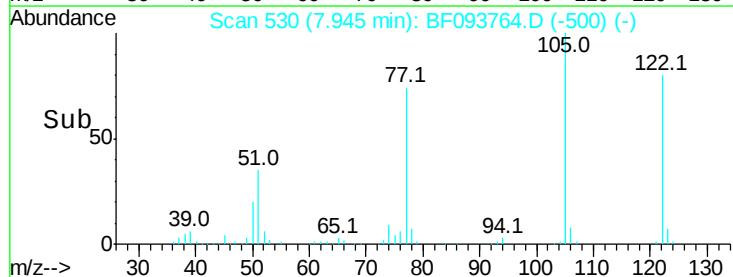
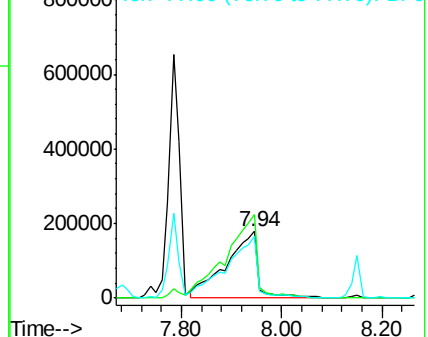
122 100

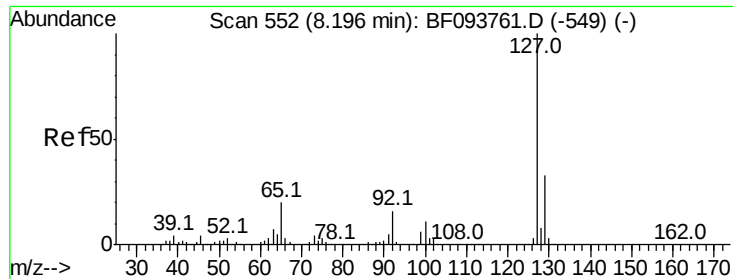
105 125.1 103.3 143.3

77 92.2 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33
4-Chloroaniline
Concen: 60.32 ng
RT: 8.20 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

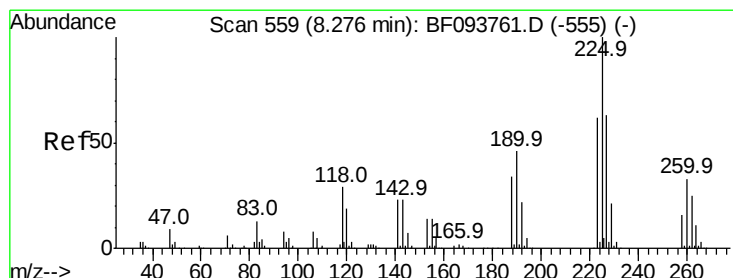
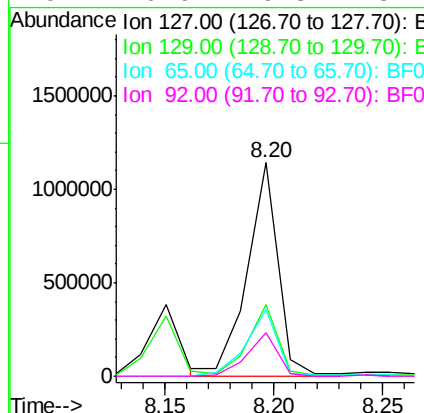
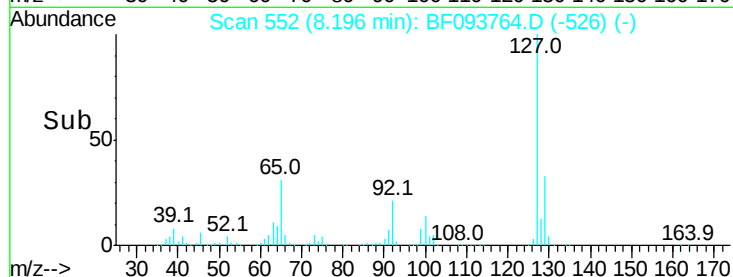
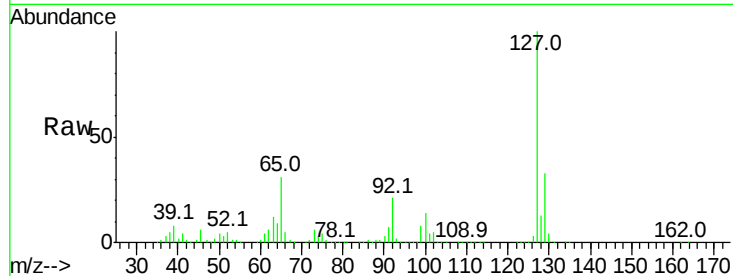
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	33.5	26.2	39.2	
65	31.3	27.8	41.8	
92	20.6	16.8	25.2	

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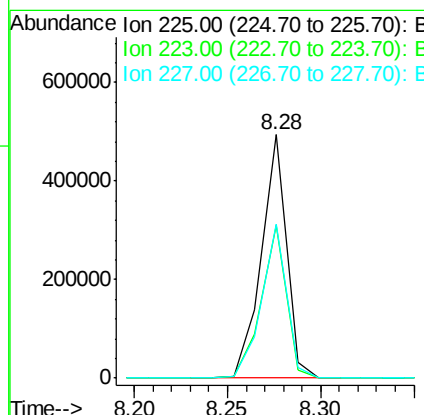
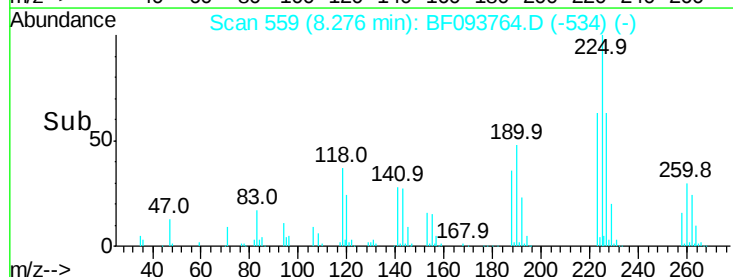
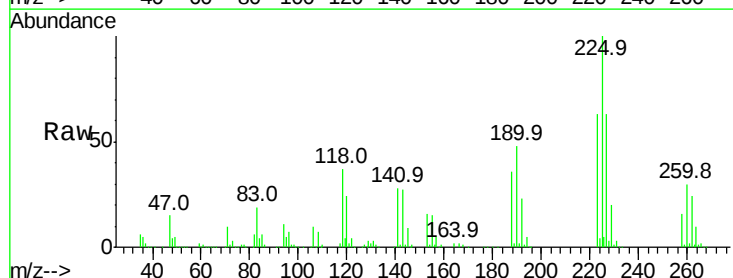
mohammad

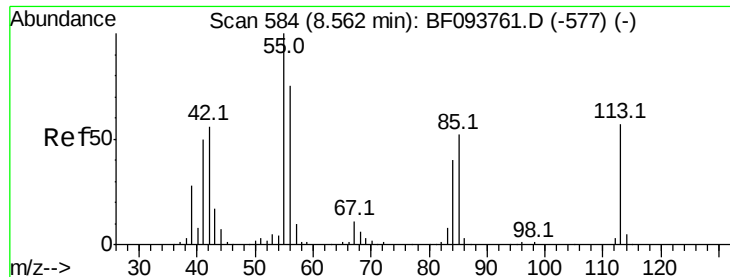
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#34
Hexachlorobutadiene
Concen: 68.17 ng
RT: 8.28 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	63.0	48.8	73.2	
227	63.2	51.1	76.7	





#35
Caprolactam
Concen: 68.78 ng
RT: 8.60 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

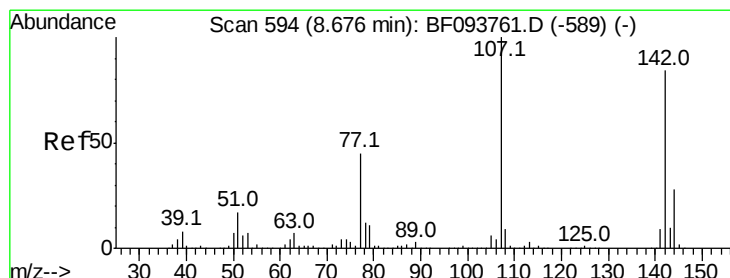
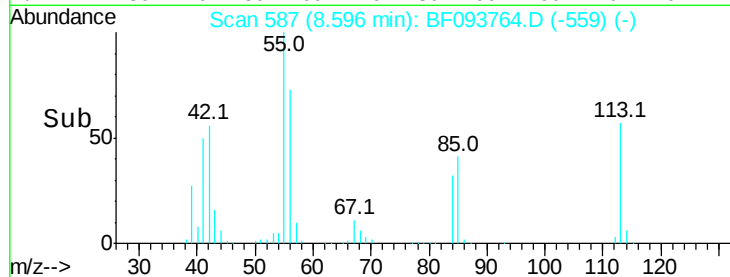
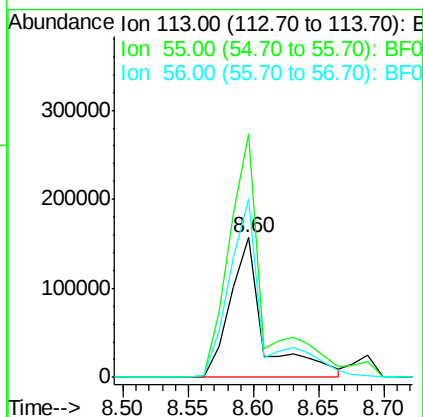
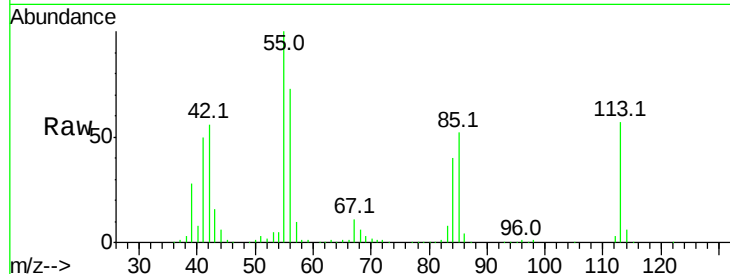
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	174.2	150.2	190.2		
56	127.6	107.8	147.8		

Manual Integrations
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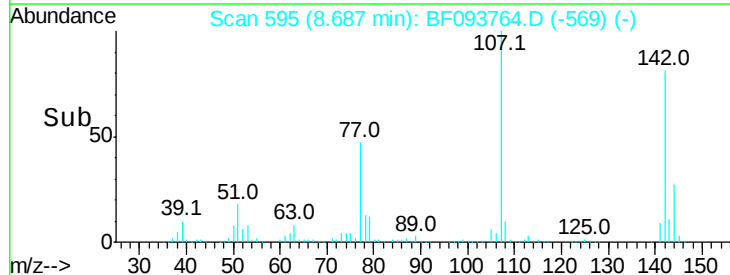
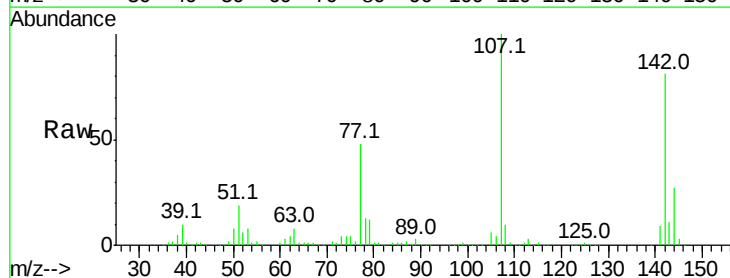
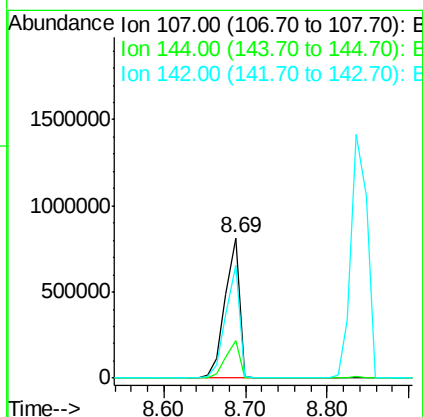
mohammad

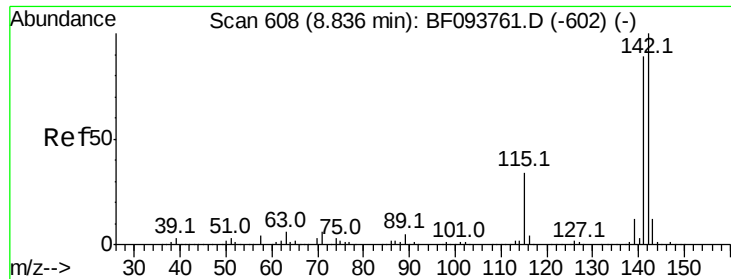
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#36
4-Chloro-3-methylphenol
Concen: 76.51 ng
RT: 8.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.5	24.2	36.4		
142	80.9	73.4	110.0		





#37
2-Methylnaphthalene
Concen: 66.86 ng
RT: 8.84 min Scan# 608
Delta R.T. -0.01 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

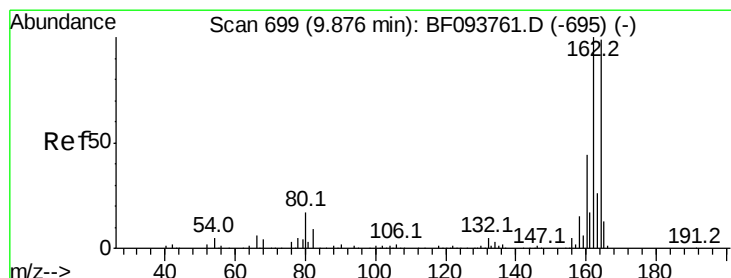
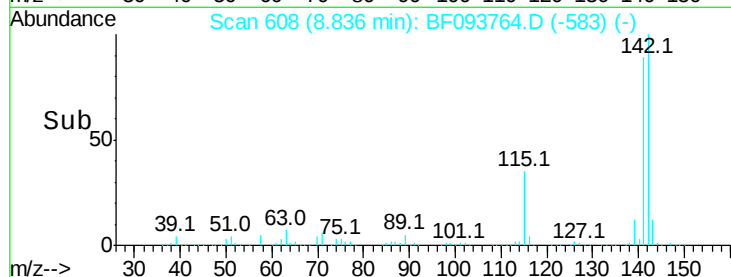
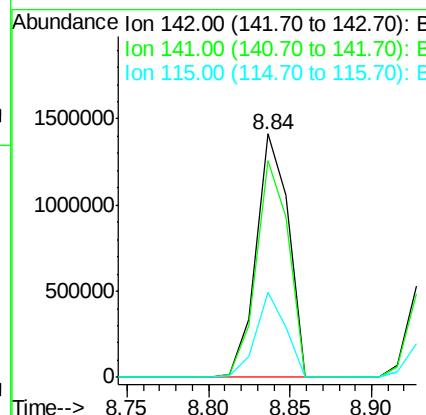
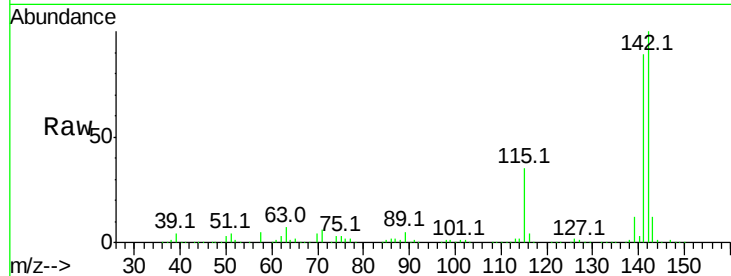
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9
115	35.1	27.1	40.7

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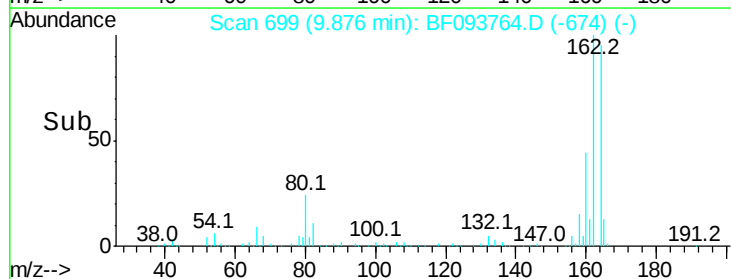
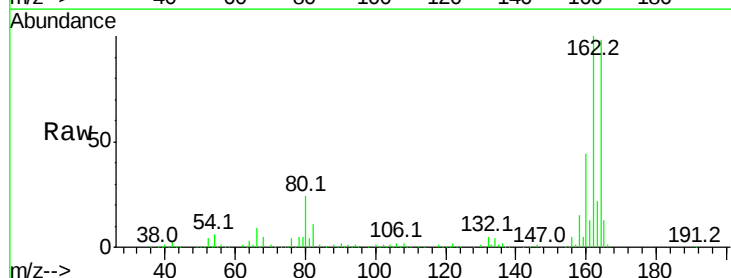
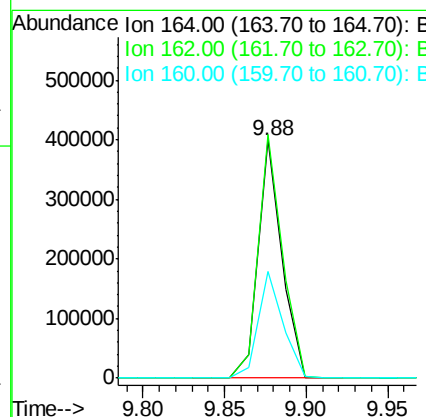
mohammad

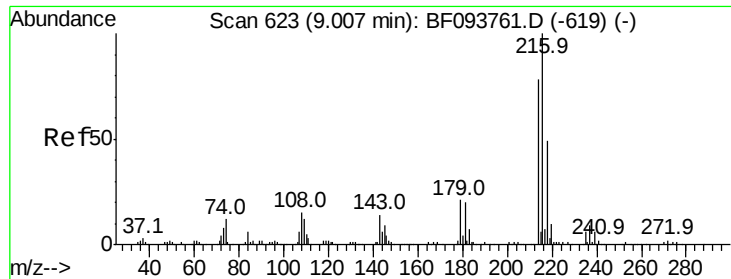
3/21/2017 2:45:18 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	44.7	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 66.65 ng

RT: 9.01 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

Instrument :

BNA_F

ClientSampleId :

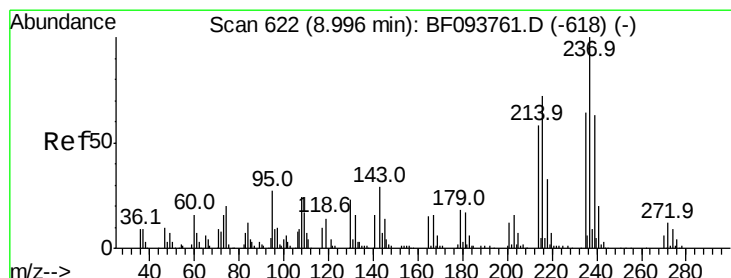
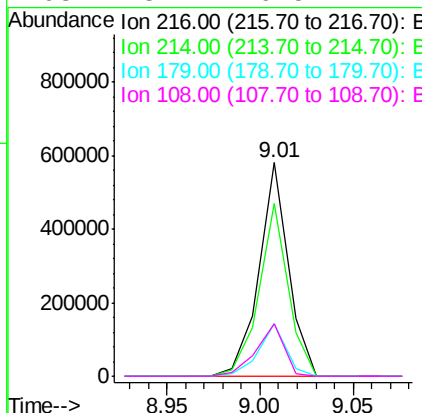
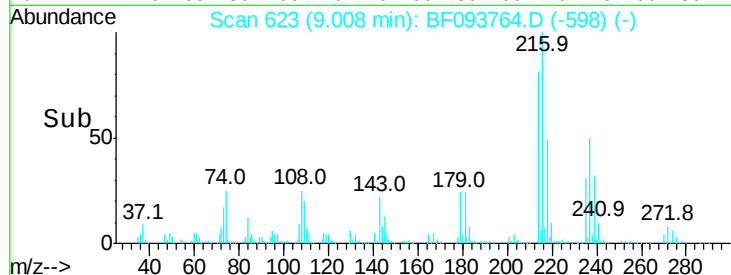
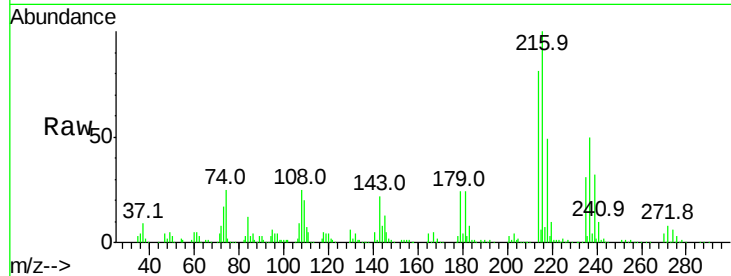
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
216	100	631230		
214	80.0	63.4	95.2	
179	22.8	17.9	26.9	
108	23.4	16.5	24.7	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 90.93 ng

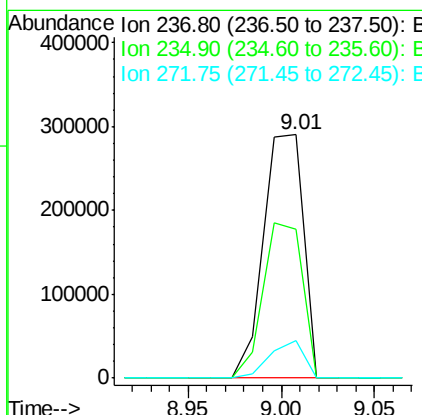
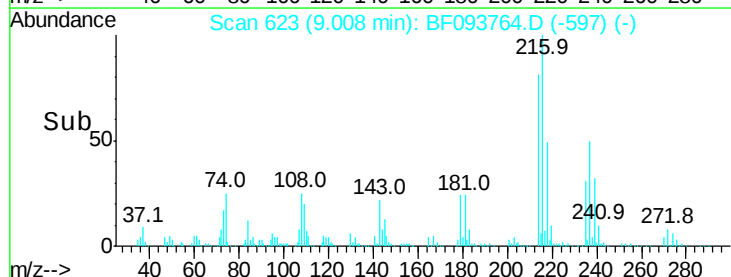
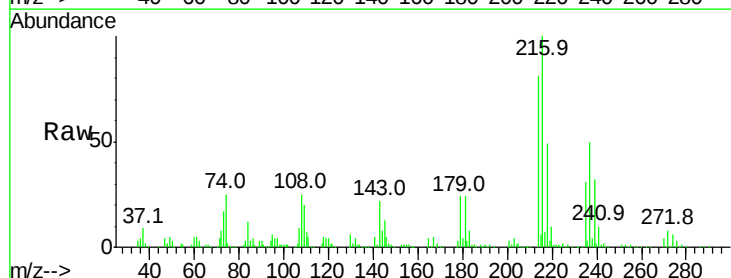
RT: 9.01 min Scan# 623

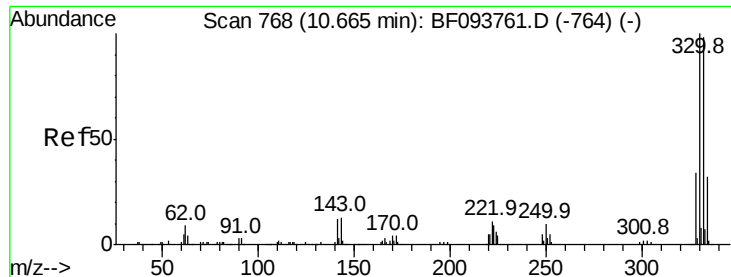
Delta R.T. 0.00 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	430276		
235	61.1	42.6	82.6	
272	15.3	0.0	31.9	





#41
 2,4,6-Tribromophenol
 Concen: 151.67 ng
 RT: 10.66 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF093764.D
 Acq: 20 Mar 2017 14:05

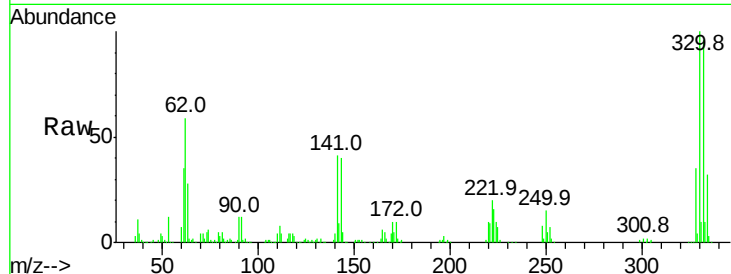
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.0	76.6	115.0	
141	41.6	31.4	47.2	

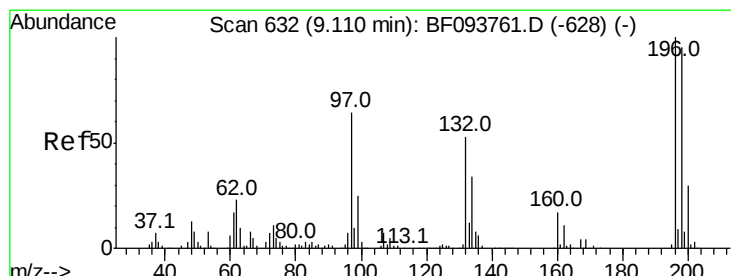
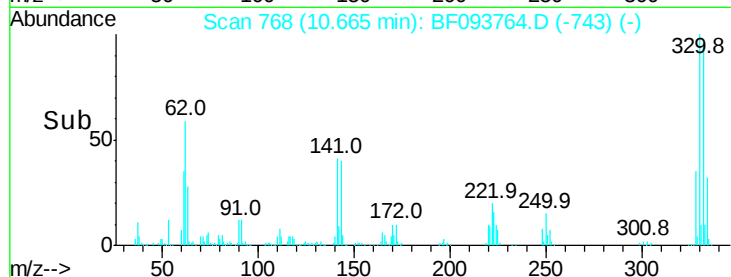
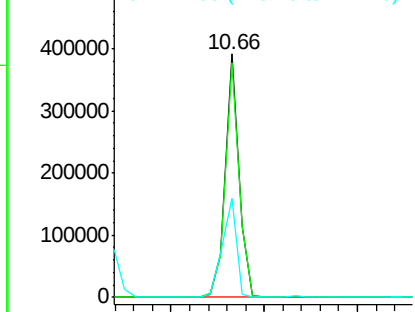
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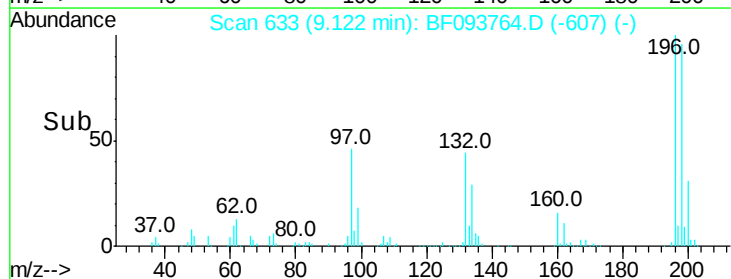
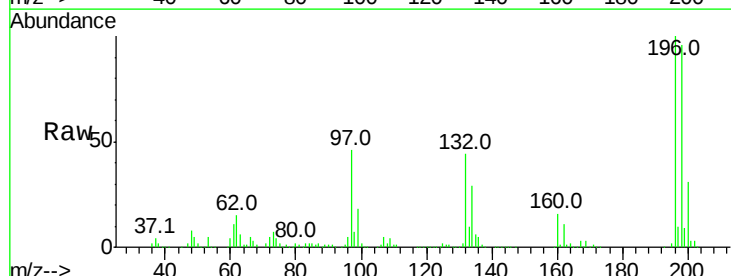
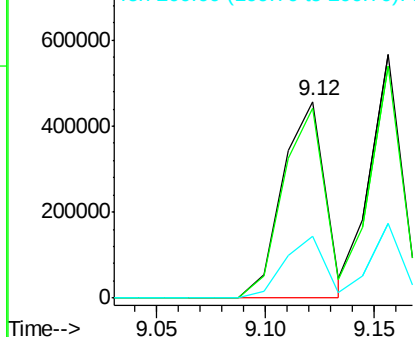
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

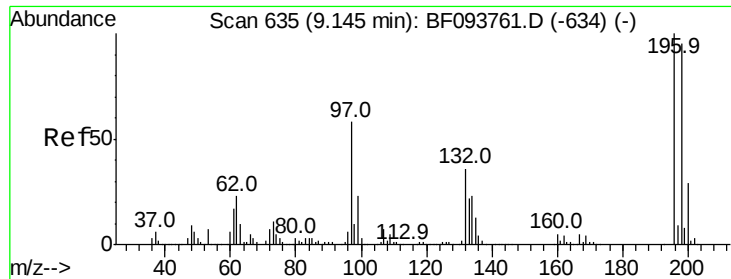


#42
 2,4,6-Trichlorophenol
 Concen: 88.54 ng
 RT: 9.12 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF093764.D
 Acq: 20 Mar 2017 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.3	74.2	111.4	
200	31.2	24.0	36.0	

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





#43
 2,4,5-Trichlorophenol
 Concen: 80.32 ng
 RT: 9.16 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF093764.D
 Acq: 20 Mar 2017 14:05

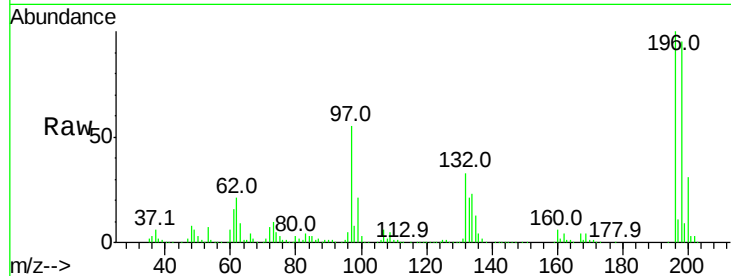
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	196	Resp	578325
Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.7	113.5
97	55.3	47.7	71.5
132	33.5	28.0	42.0

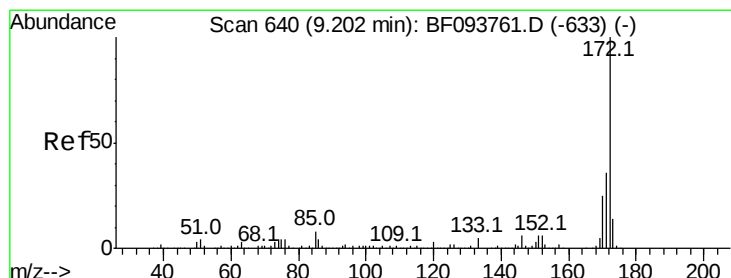
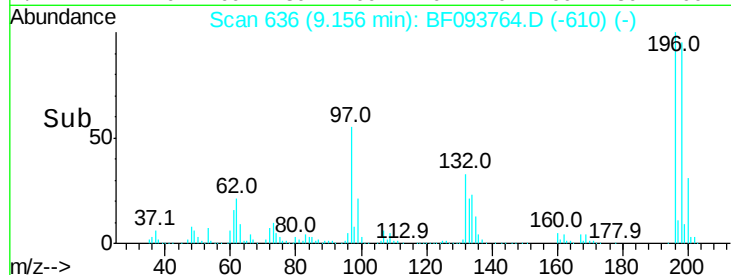
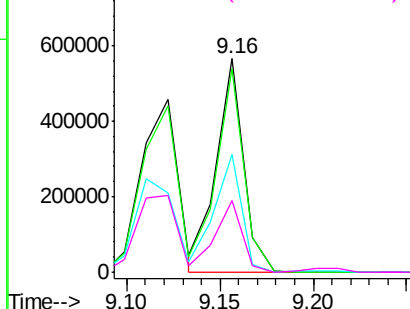
Manual Integrations
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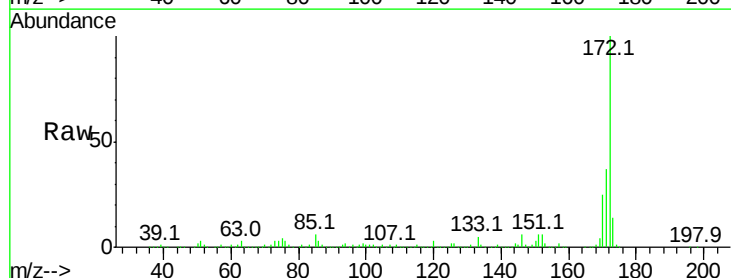


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

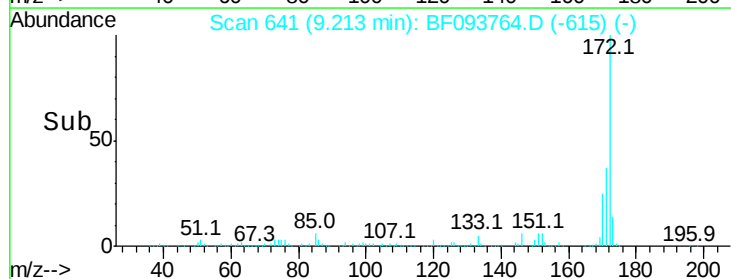
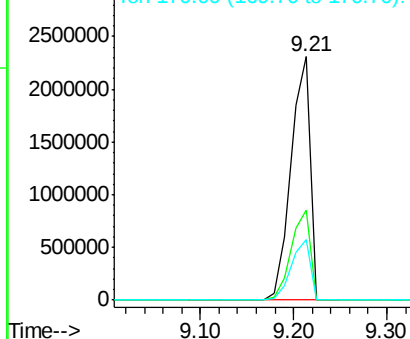


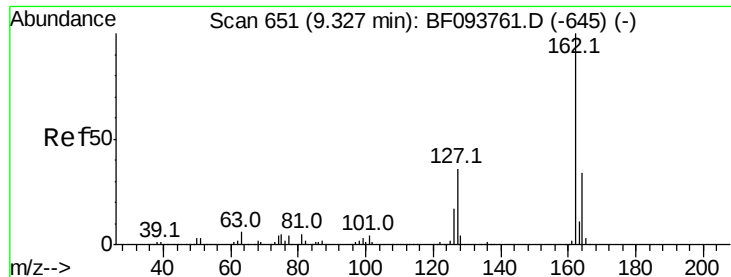
#44
 2-Fluorobiphenyl
 Concen: 154.68 ng
 RT: 9.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF093764.D
 Acq: 20 Mar 2017 14:05

Tgt Ion	172	Resp	3315723
Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.6	44.4
170	25.0	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





#46

2-Chloronaphthalene

Concen: 70.09 ng

RT: 9.33 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:162 Resp: 1595177

Ion Ratio Lower Upper

162 100

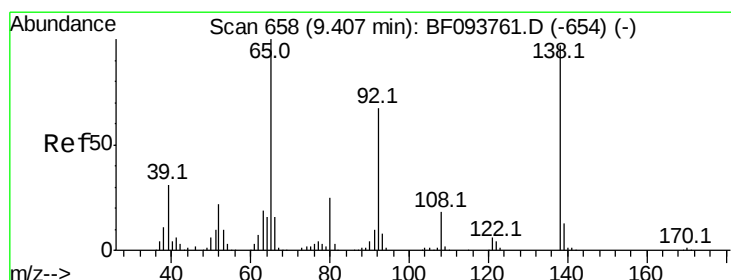
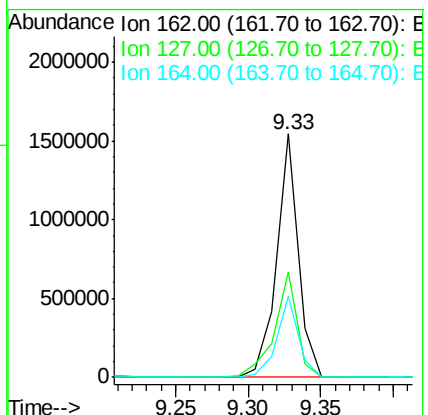
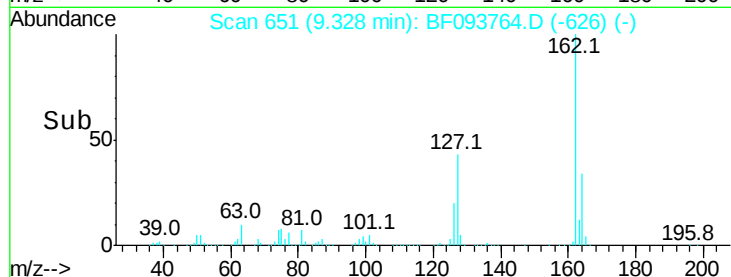
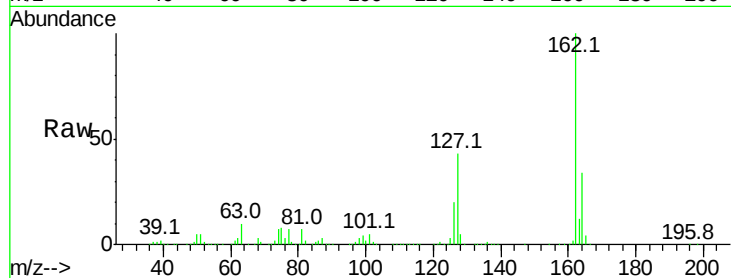
127 43.4 28.3 42.5#

164 33.5 27.0 40.4

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#47

2-Nitroaniline

Concen: 81.08 ng

RT: 9.42 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

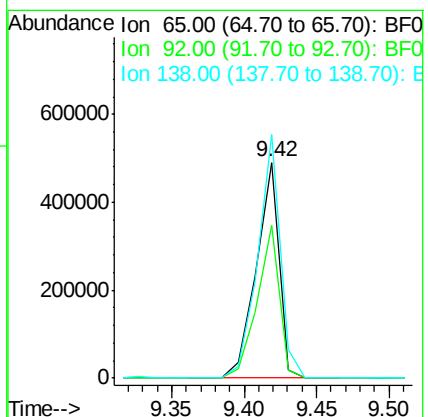
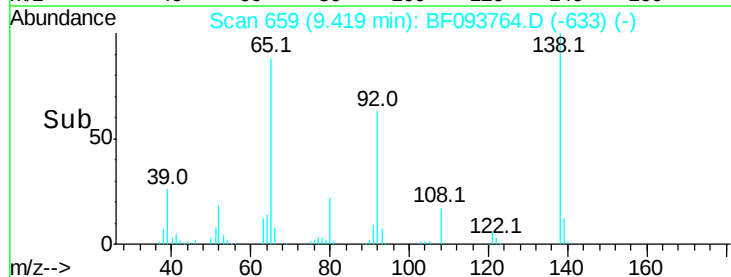
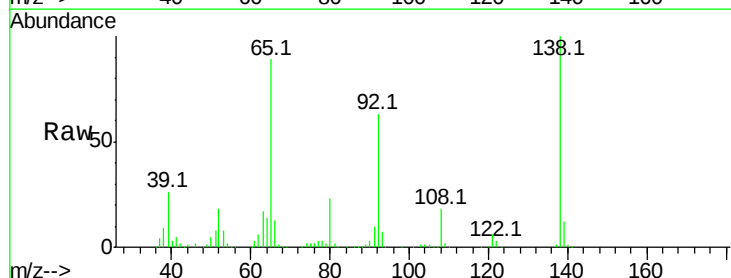
Tgt Ion: 65 Resp: 533857

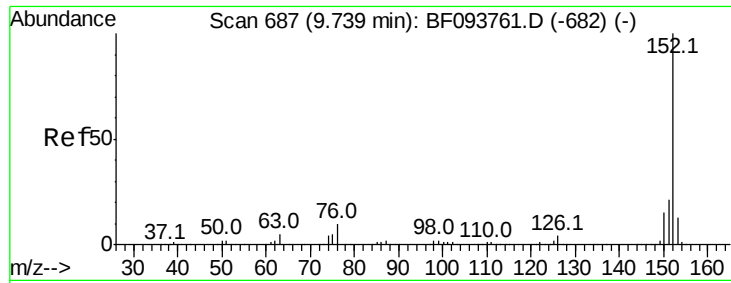
Ion Ratio Lower Upper

65 100

92 70.6 53.9 80.9

138 112.9 78.8 118.2





#48

Acenaphthylene

Concen: 76.13 ng

RT: 9.74 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:152 Resp: 2825322

Ion Ratio Lower Upper

152 100

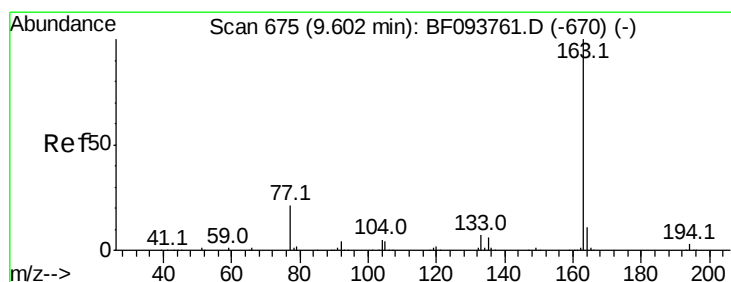
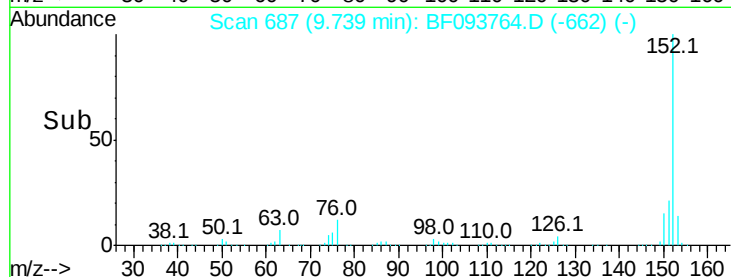
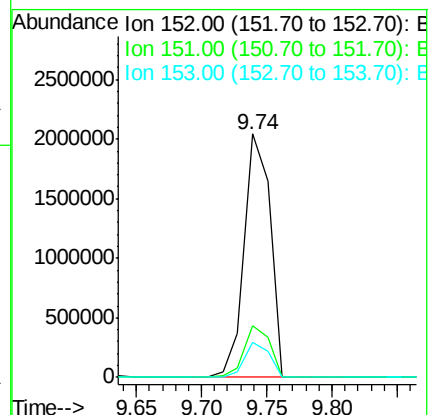
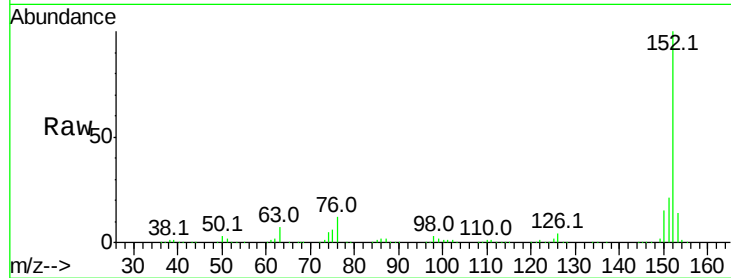
151 21.1 16.8 25.2

153 14.1 10.8 16.2

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#49

Dimethylphthalate

Concen: 70.42 ng

RT: 9.61 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

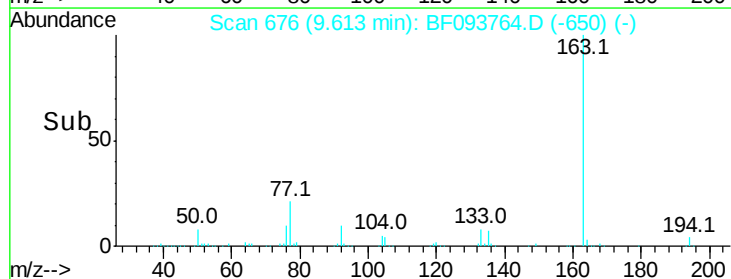
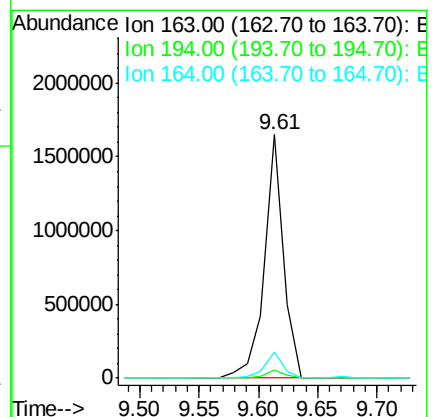
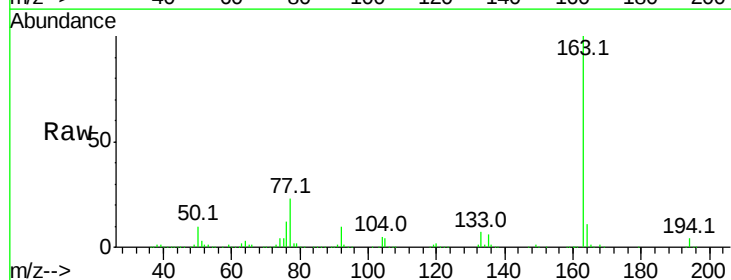
Tgt Ion:163 Resp: 1860512

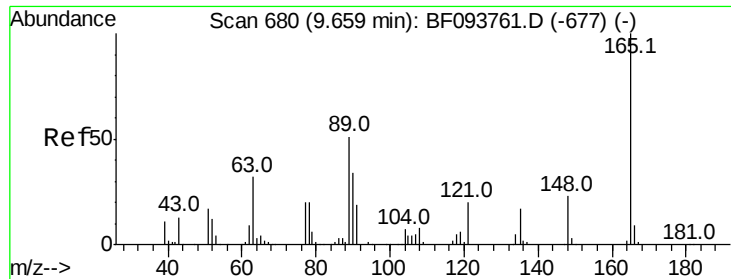
Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

164 10.8 8.4 12.6





#50
2,6-Dinitrotoluene
Concen: 95.35 ng
RT: 9.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

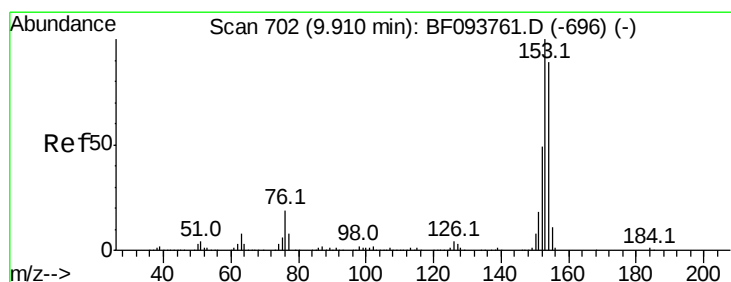
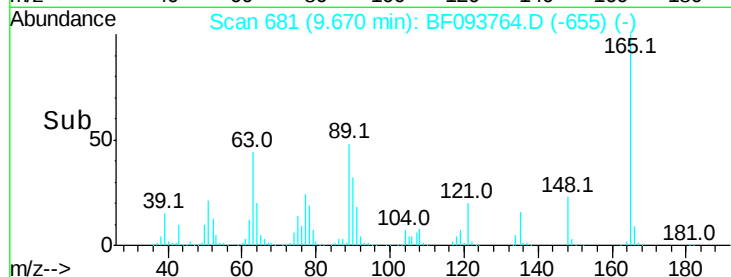
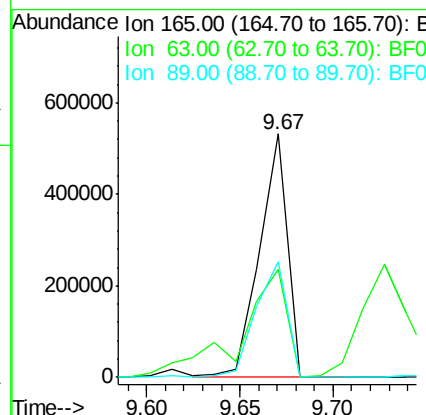
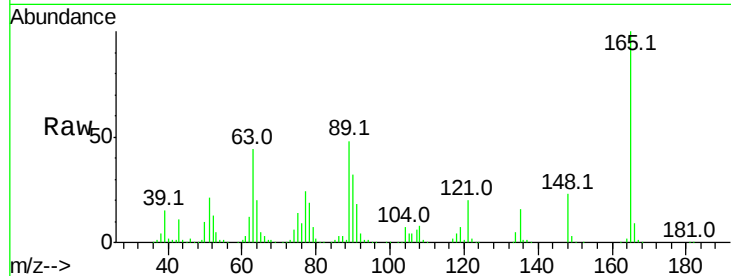
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:	165	Resp:	544134
Ion Ratio	Lower	Upper	
165	100		
63	44.4	34.3	51.5
89	47.7	37.1	55.7

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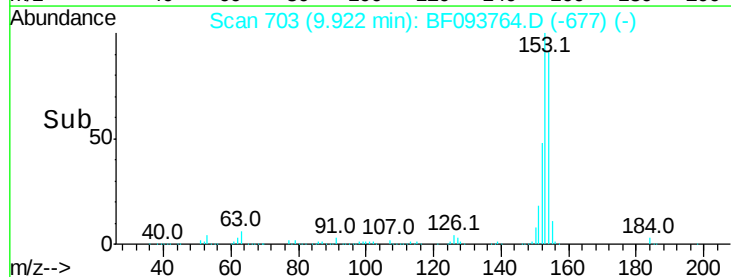
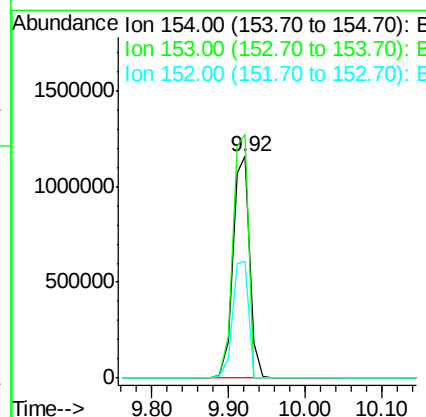
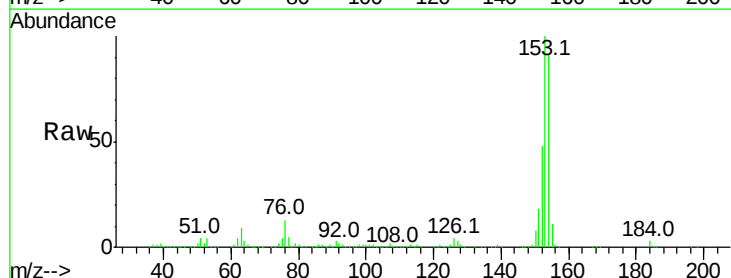
mohammad

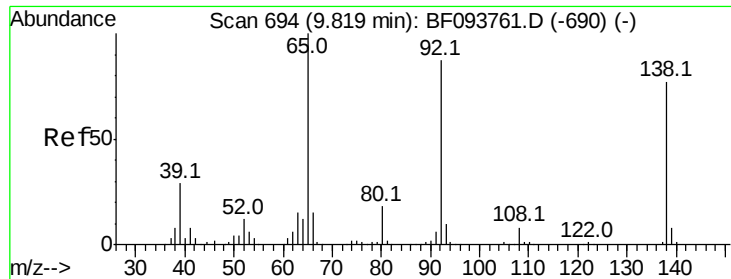
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#51
Acenaphthene
Concen: 82.42 ng
RT: 9.92 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

Tgt Ion:	154	Resp:	1802680
Ion Ratio	Lower	Upper	
154	100		
153	110.0	90.5	135.7
152	53.0	43.6	65.4





#52
 3-Nitroaniline
 Concen: 79.10 ng
 RT: 9.83 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF093764.D
 Acq: 20 Mar 2017 14:05

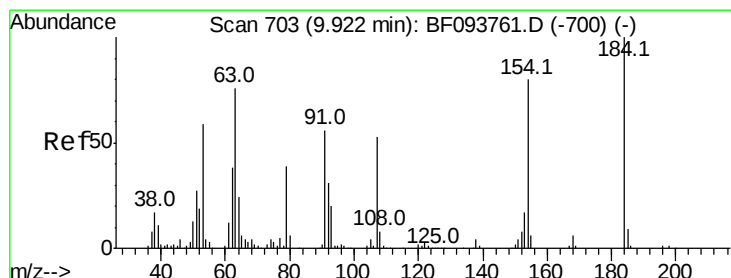
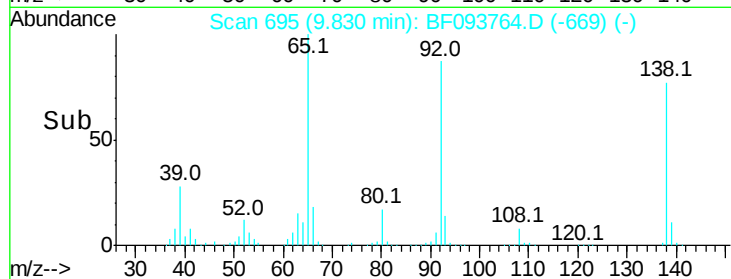
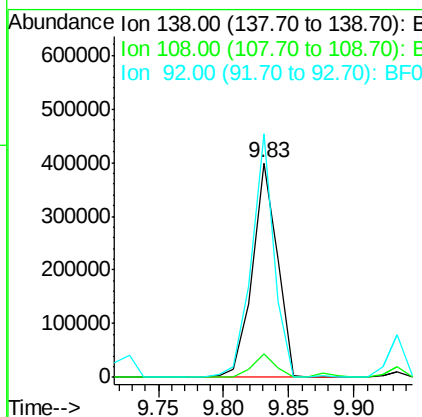
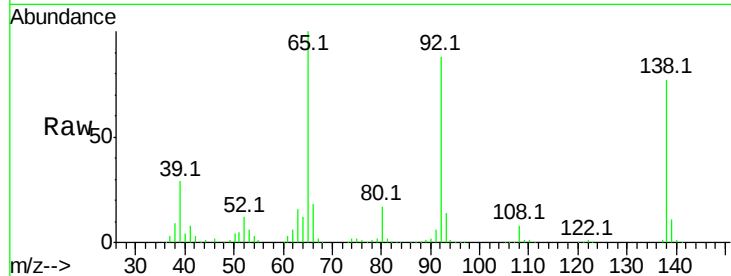
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	138	Resp:	535620
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.1	13.7
92	113.5	93.8	140.6

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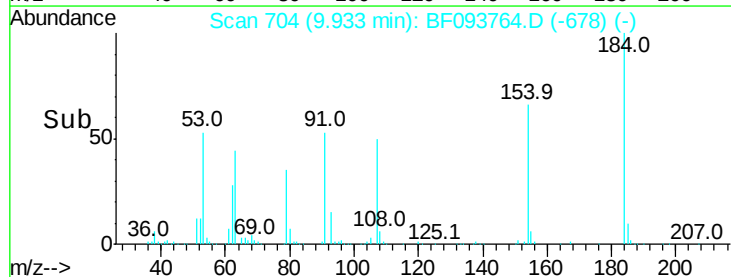
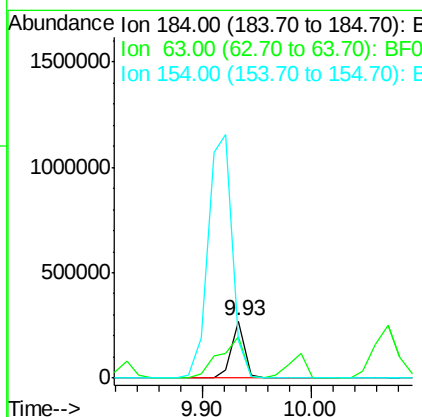
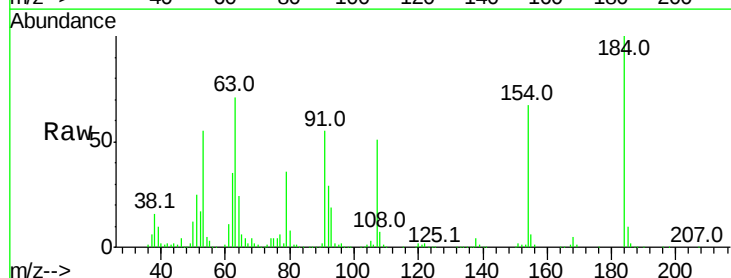
mohammad

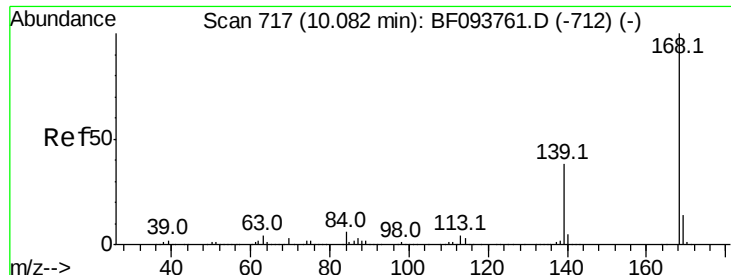
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#53
 2,4-Dinitrophenol
 Concen: 136.06 ng
 RT: 9.93 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF093764.D
 Acq: 20 Mar 2017 14:05

Tgt Ion:	184	Resp:	231402
Ion Ratio	Lower	Upper	
184	100		
63	71.3	62.7	94.1
154	66.5	81.1	121.7#





#54
Dibenzofuran
Concen: 74.01 ng
RT: 10.08 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

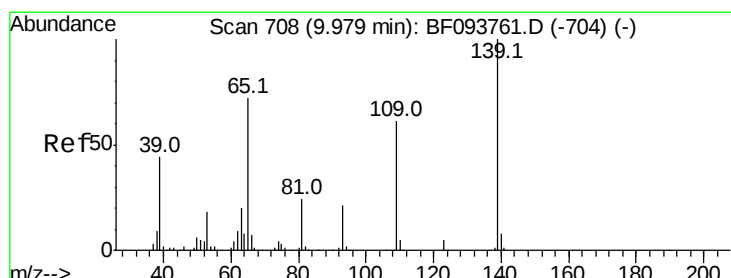
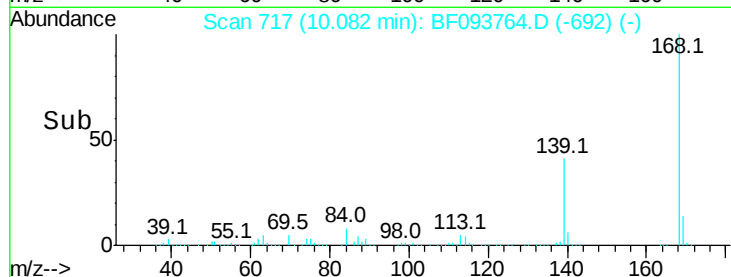
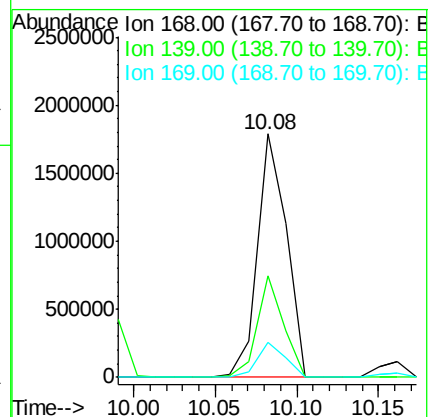
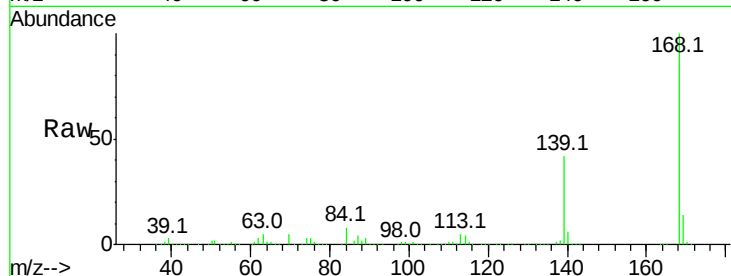
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.5	30.6	45.8
169	14.3	10.8	16.2

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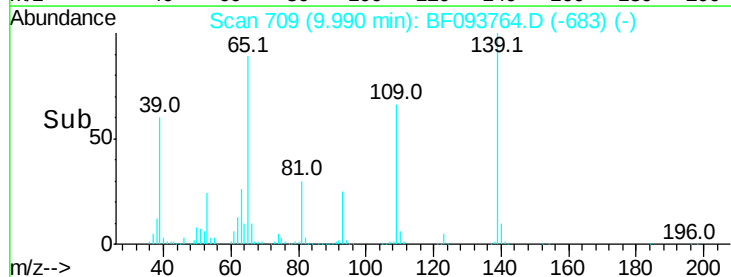
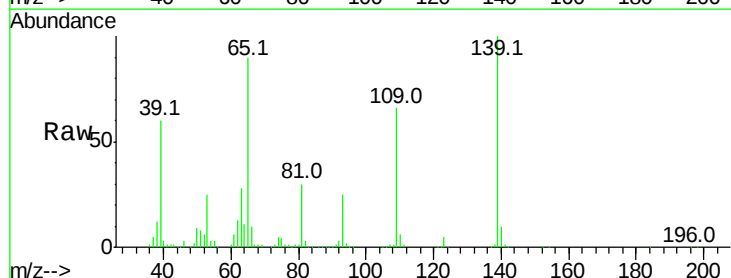
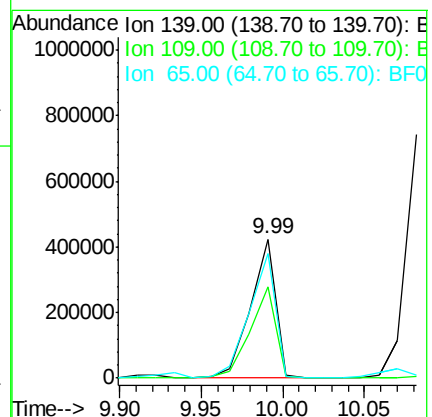
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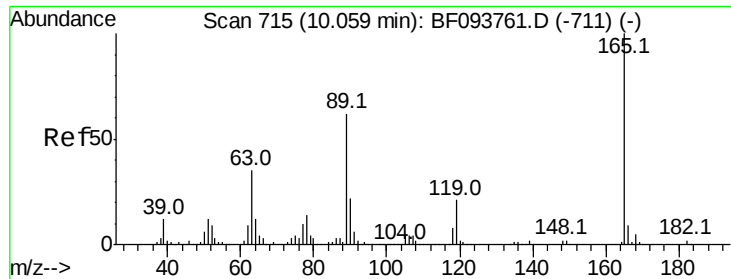
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#55
4-Nitrophenol
Concen: 89.42 ng
RT: 9.99 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.7	34.1	74.1
65	89.5	31.4	71.4#





#56
2,4-Dinitrotoluene
Concen: 92.29 ng
RT: 10.07 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

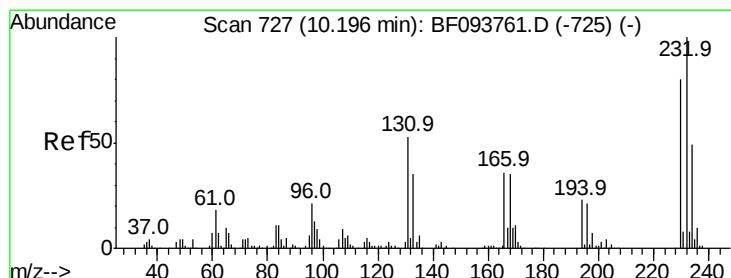
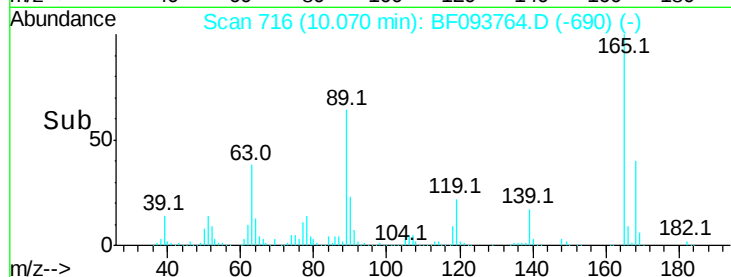
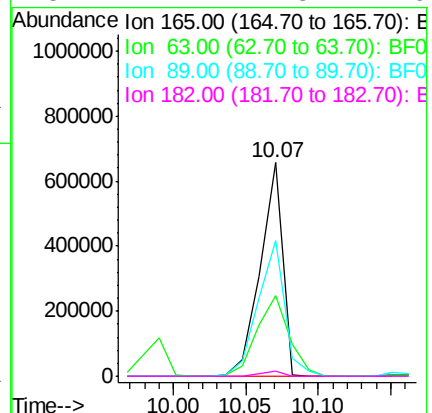
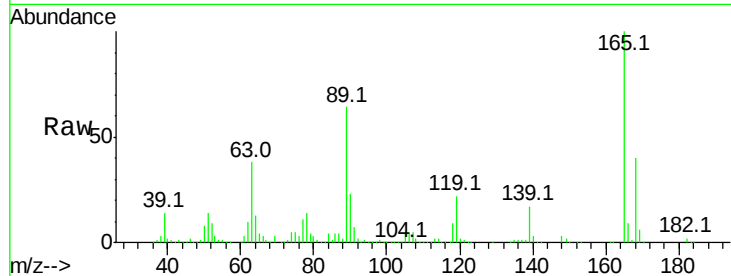
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.0	25.4	38.0	
89	63.6	46.4	69.6	
182	2.2	1.8	2.6	

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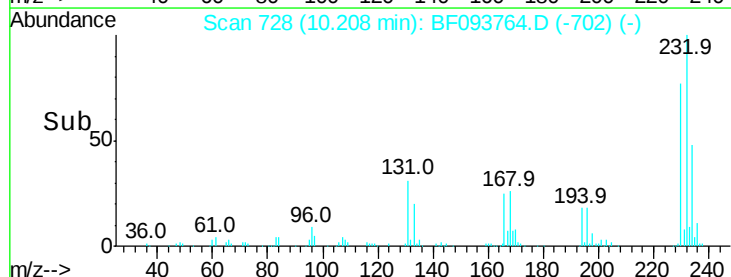
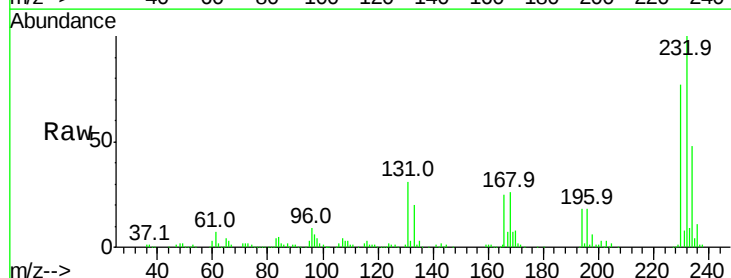
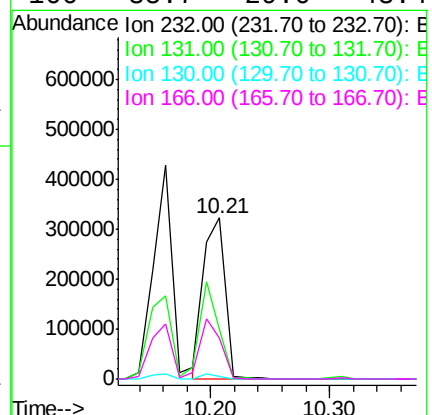
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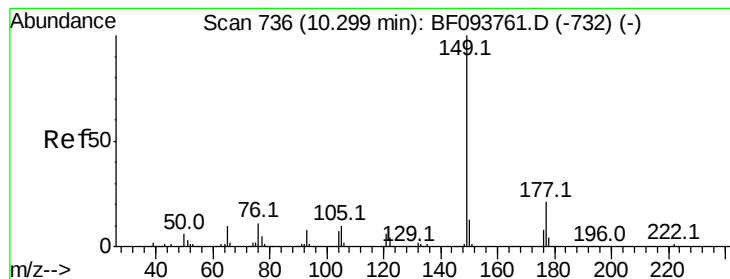
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#58
2,3,4,6-Tetrachlorophenol
Concen: 84.30 ng
RT: 10.21 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	52.7	44.8	67.2	
130	2.4	2.3	3.5	
166	35.7	29.0	43.4	





#59

Diethylphthalate

Concen: 77.04 ng

RT: 10.31 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 1937427

Ion Ratio Lower Upper

149 100

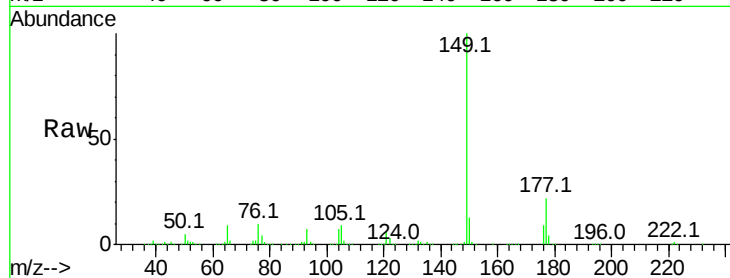
177 21.9 16.7 25.1

150 13.0 10.2 15.2

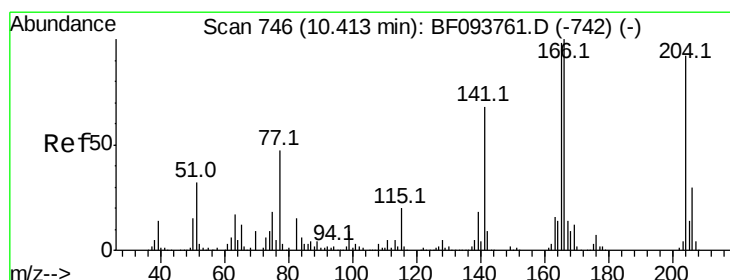
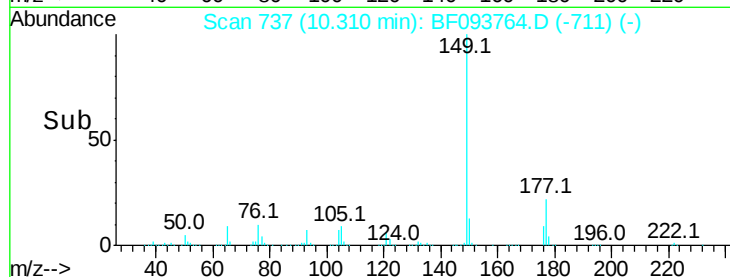
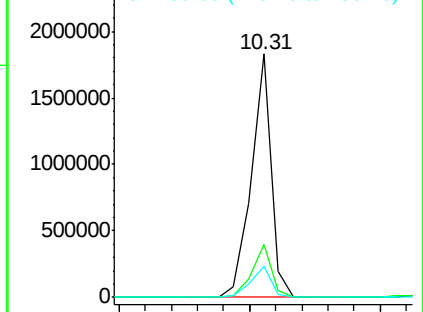
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Abundance Ion 149.00 (148.70 to 149.70): E
2500000
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 72.96 ng

RT: 10.42 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

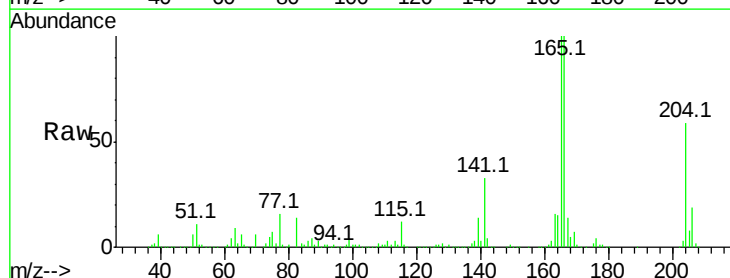
Tgt Ion:204 Resp: 741386

Ion Ratio Lower Upper

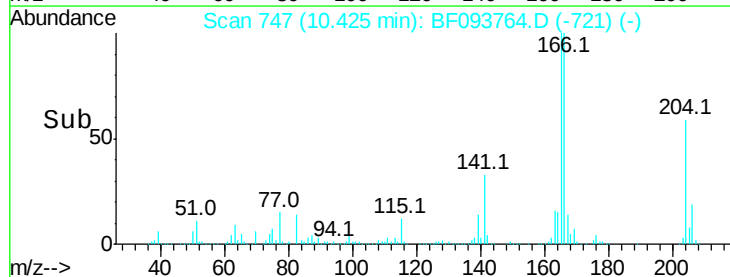
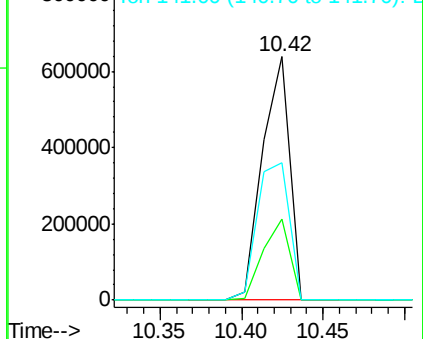
204 100

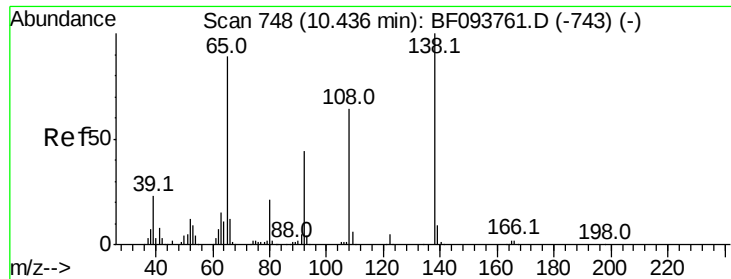
206 33.2 26.2 39.2

141 56.7 60.8 91.2#



Abundance Ion 204.00 (203.70 to 204.70): E
800000
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61
4-Nitroaniline
Concen: 87.28 ng
RT: 10.45 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

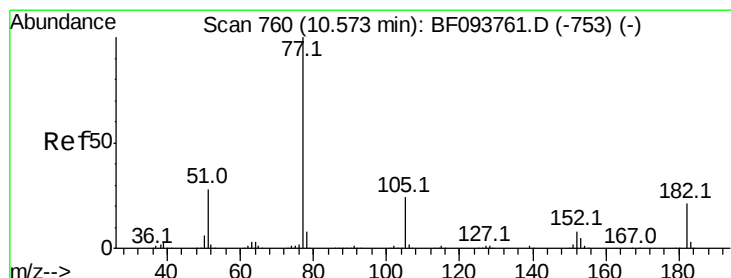
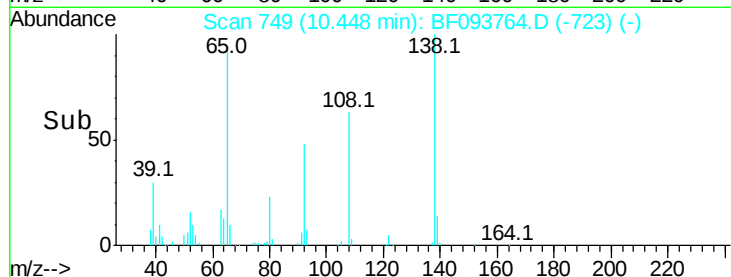
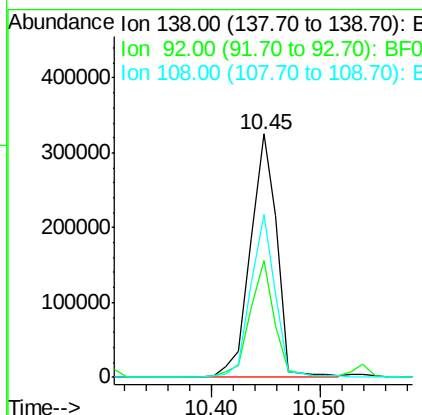
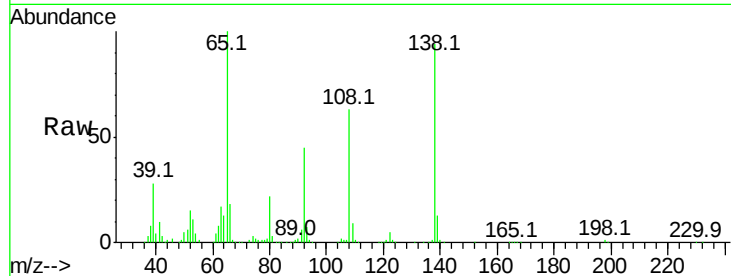
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.0	21.8	61.8
108	67.1	42.3	82.3

Manual Integrations
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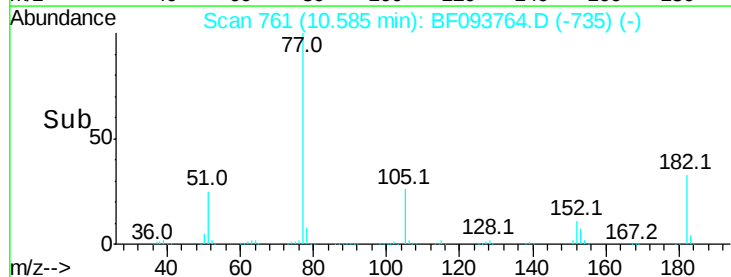
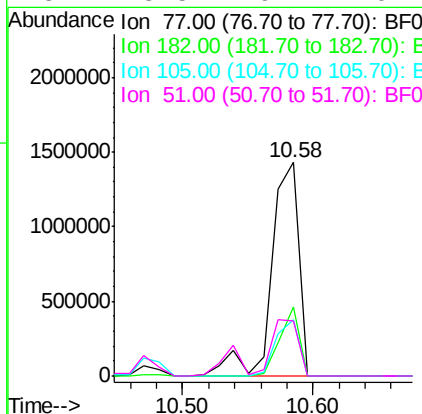
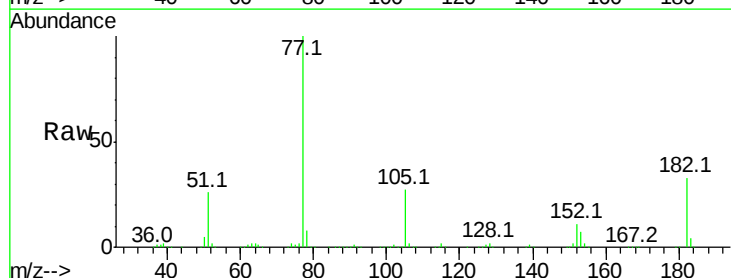
mohammad

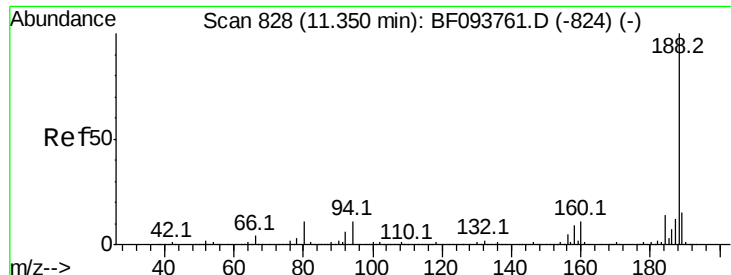
3/21/2017 2:45:18 PM



#62
Azobenzene
Concen: 83.06 ng
RT: 10.58 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.5	0.1	40.1
105	26.6	3.6	43.6
51	25.5	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: BF093764.D
Acq: 20 Mar 2017 14:05

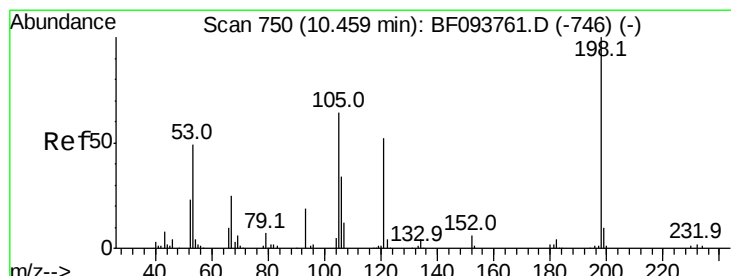
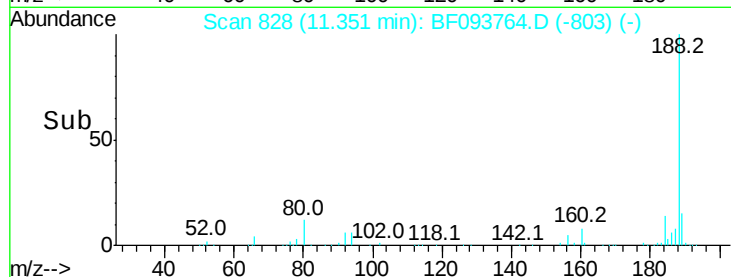
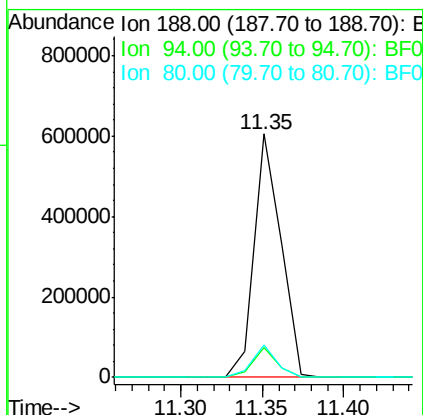
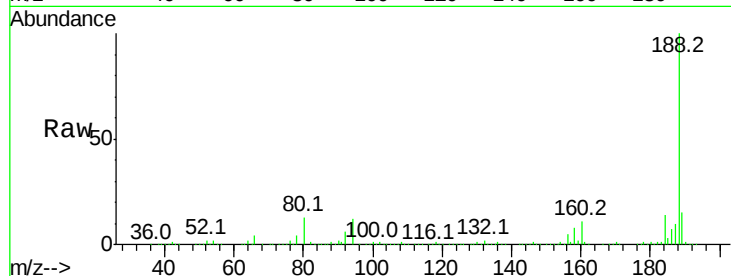
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.3	9.4	14.2
80	13.1	10.2	15.2

Manual Integrations
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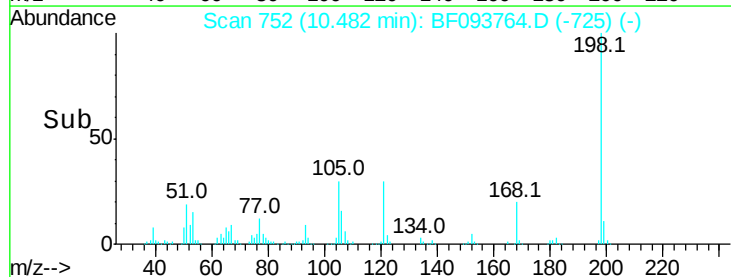
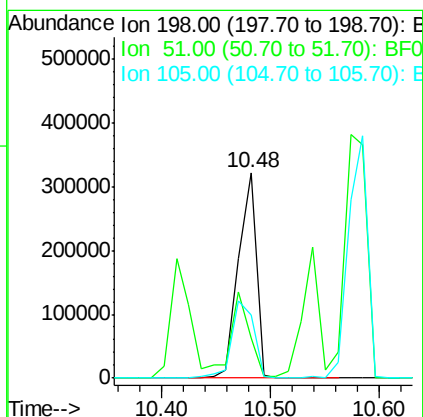
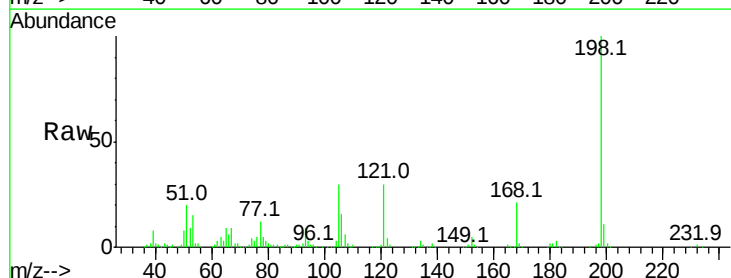
mohammad

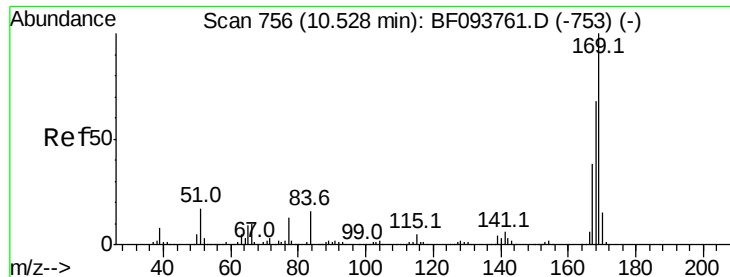
3/21/2017 2:45:18 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 121.31 ng
RT: 10.48 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	19.5	53.2	93.2#
105	30.5	45.8	85.8#





#65

n-Nitrosodiphenylamine

Concen: 64.40 ng

RT: 10.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:169 Resp: 1505691

Ion Ratio Lower Upper

169 100

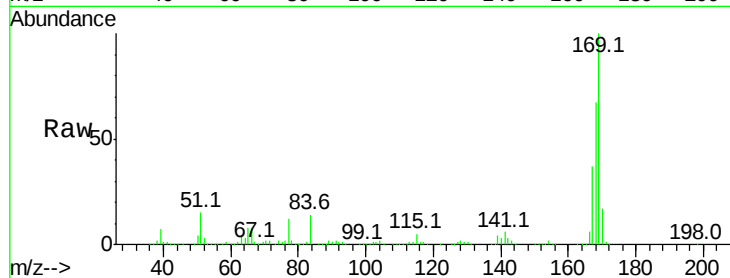
168 66.5 53.2 79.8

167 36.9 29.5 44.3

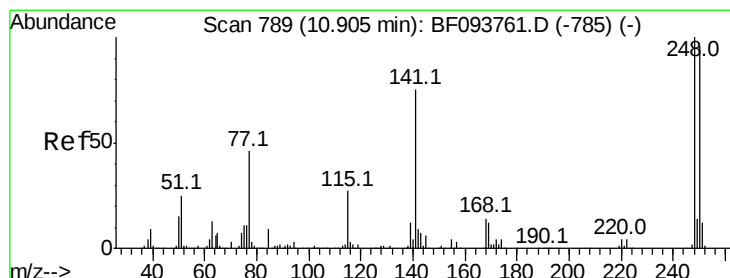
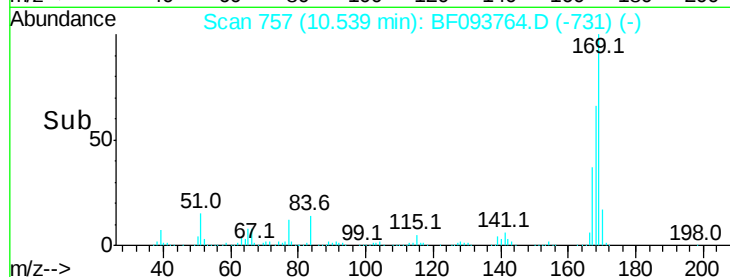
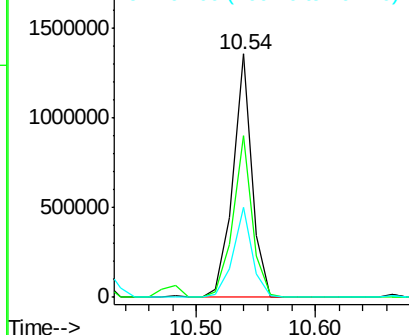
Manual Integrations
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 70.67 ng

RT: 10.90 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

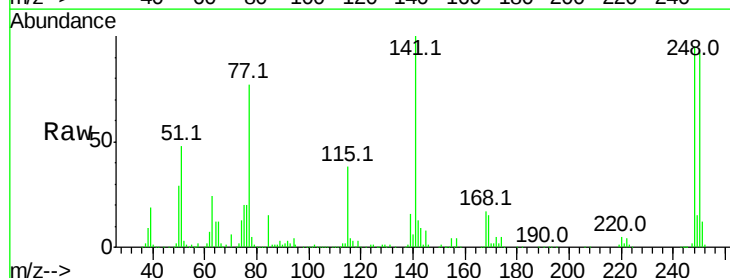
Tgt Ion:248 Resp: 462651

Ion Ratio Lower Upper

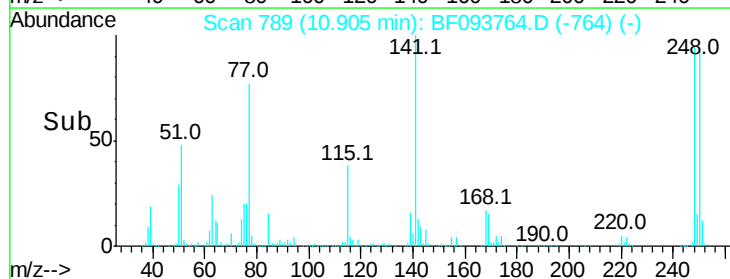
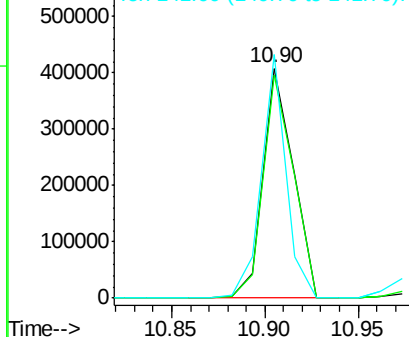
248 100

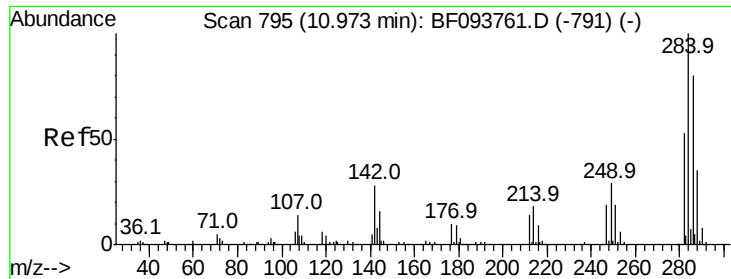
250 96.9 76.8 115.2

141 105.8 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: 67.68 ng
RT: 10.97 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

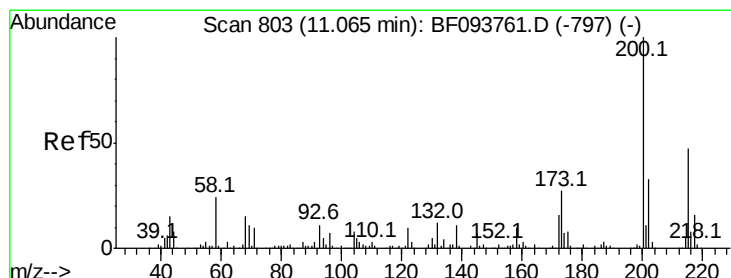
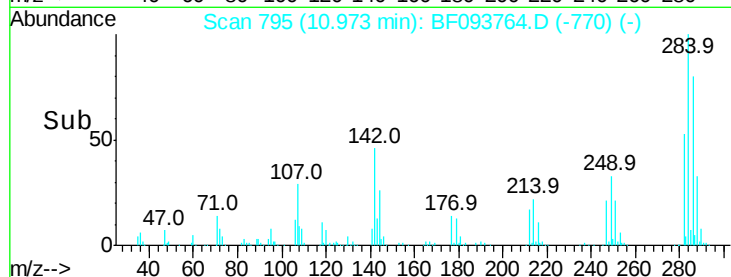
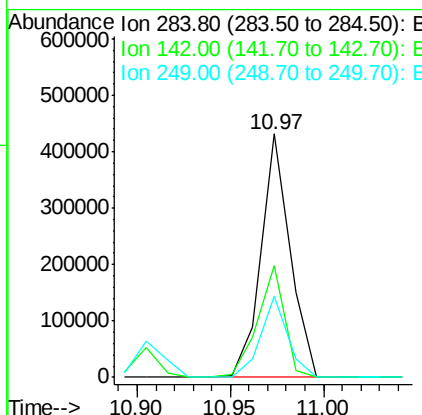
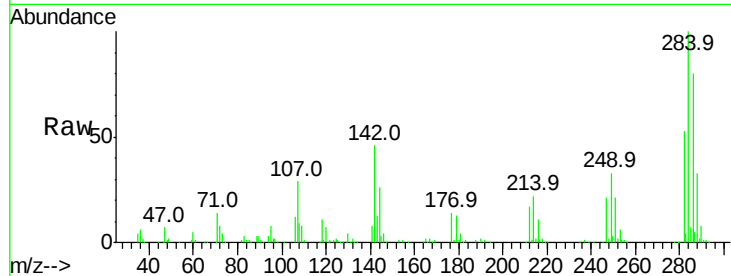
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
284	100	463179		
142	45.7	22.8	34.2#	
249	33.3	24.0	36.0	

Manual Integrations
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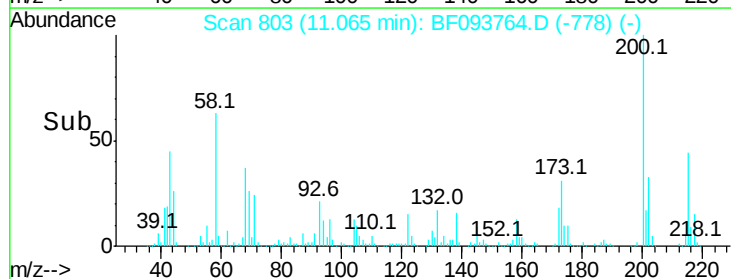
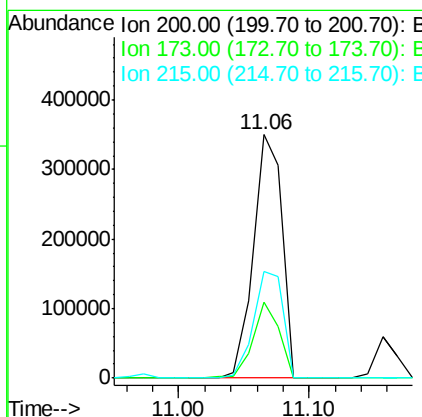
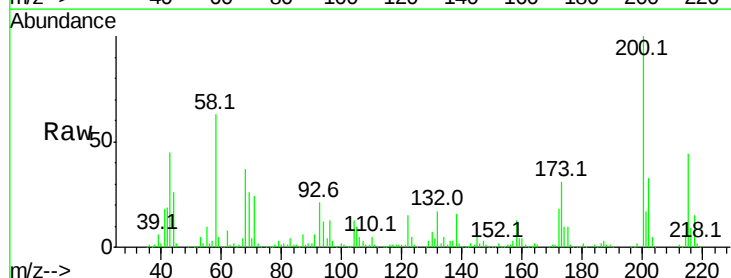
mohammad

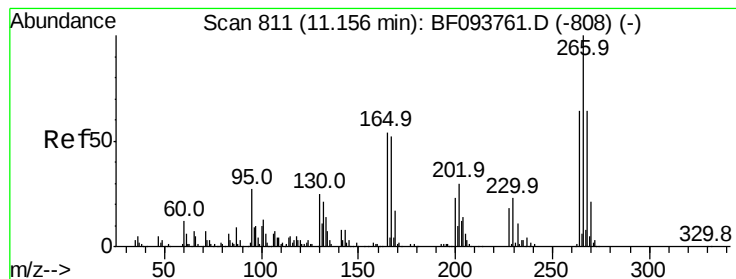
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#68
Atrazine
Concen: 79.29 ng
RT: 11.06 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	533812		
173	31.0	6.3	46.3	
215	44.0	27.2	67.2	





#69

Pentachlorophenol

Concen: 85.32 ng

RT: 11.16 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

Instrument :

BNA_F

ClientSampleId :

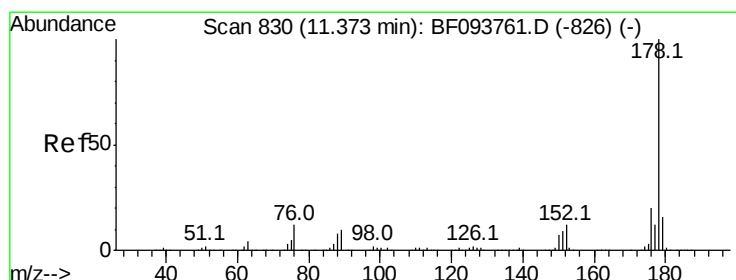
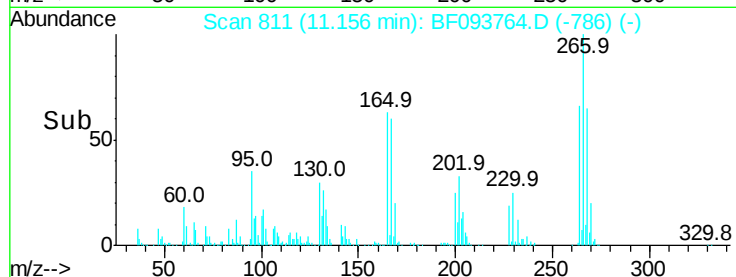
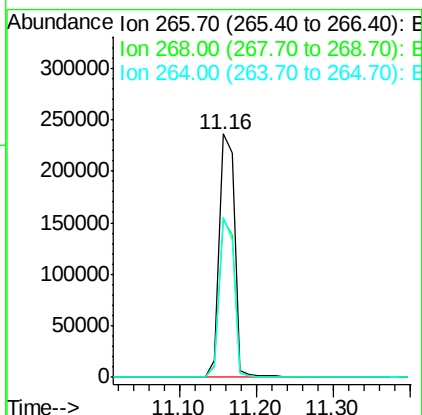
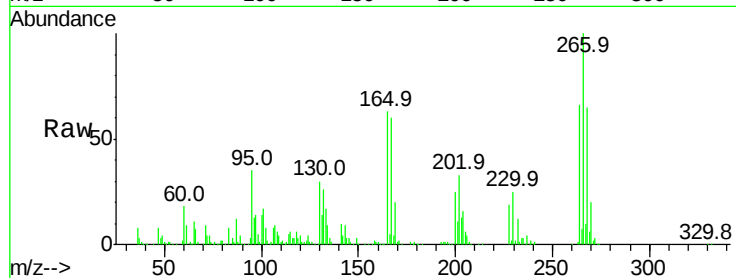
SSTDICC080

Tot Ion:	266	Resp:	334504
Ion Ratio	Lower	Upper	
266	100		
268	64.7	51.1	76.7
264	65.7	51.7	77.5

Manual Integrations
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#70

Phenanthrene

Concen: 64.81 ng

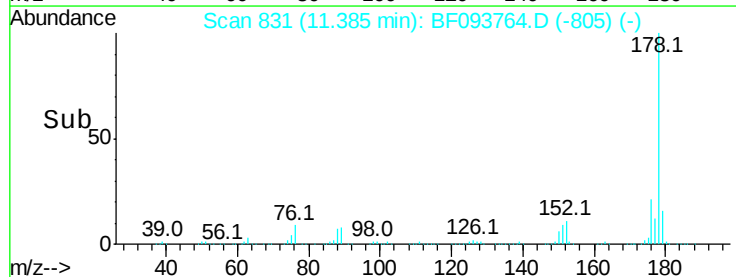
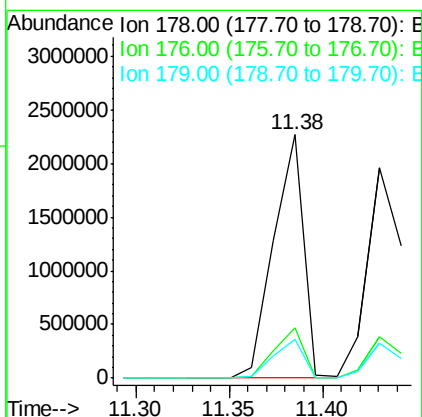
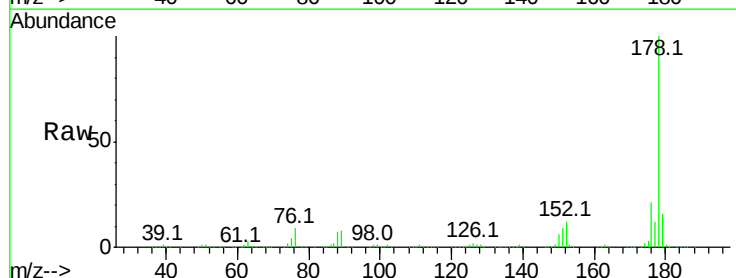
RT: 11.38 min Scan# 831

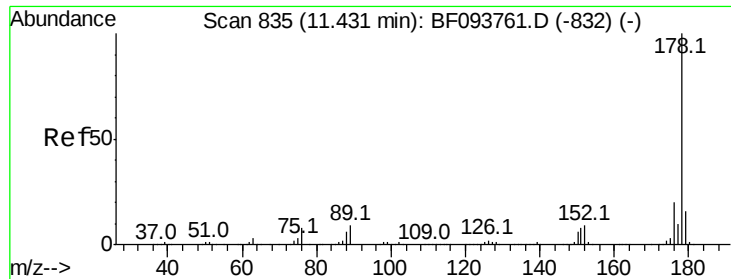
Delta R.T. 0.00 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

Tgt Ion:	178	Resp:	2537704
Ion Ratio	Lower	Upper	
178	100		
176	20.5	16.2	24.4
179	15.9	12.6	19.0





#71
 Anthracene
 Concen: 64.36 ng
 RT: 11.43 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF093764.D
 Acq: 20 Mar 2017 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

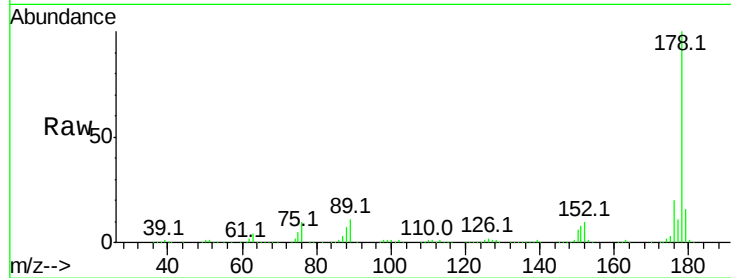
Tot Ion:178 Resp: 2465959

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	16.4	12.7	19.1

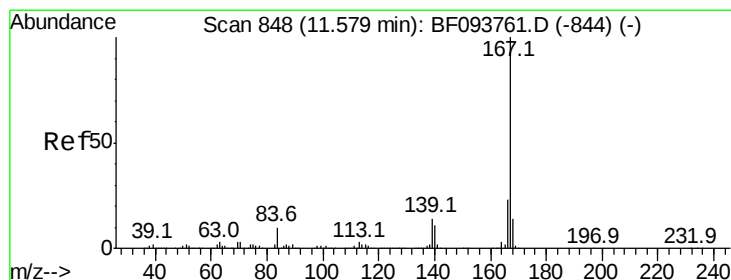
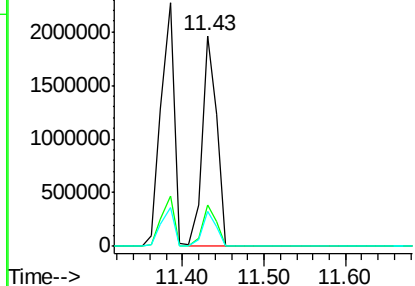
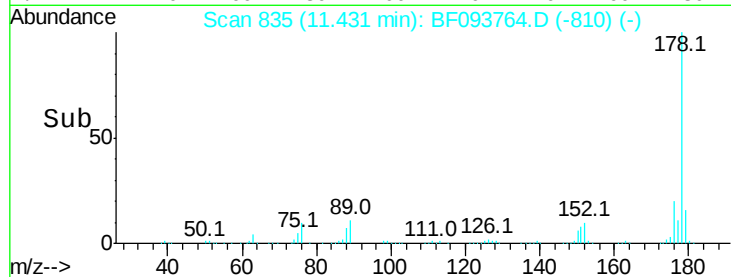
Manual Integrations
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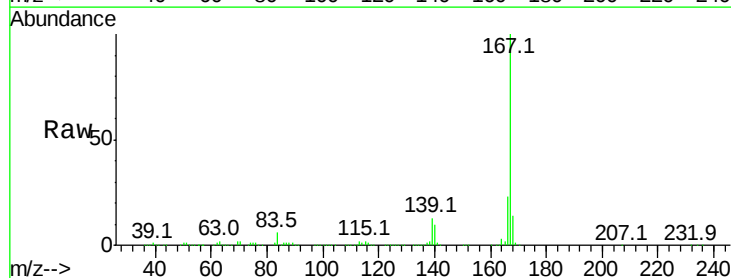
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



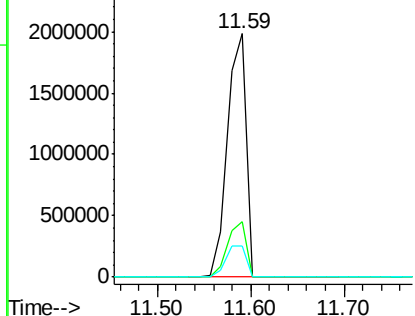
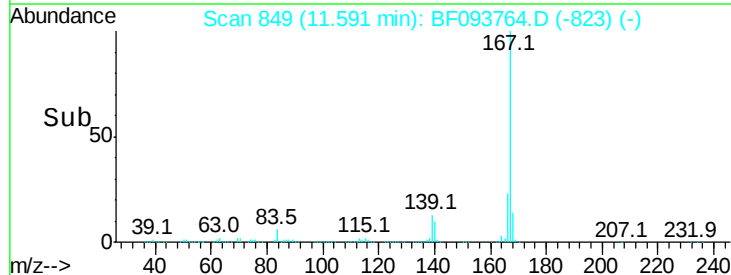
#72
 Carbazole
 Concen: 69.78 ng
 RT: 11.59 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF093764.D
 Acq: 20 Mar 2017 14:05

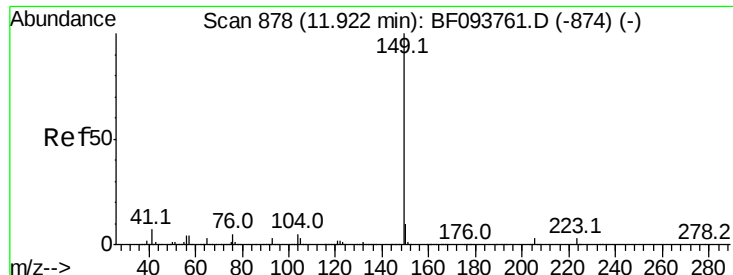
Tgt Ion:167 Resp: 2798872

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.1	27.1
139	12.8	11.7	17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 66.28 ng

RT: 11.92 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 2717604

Ion Ratio Lower Upper

149 100

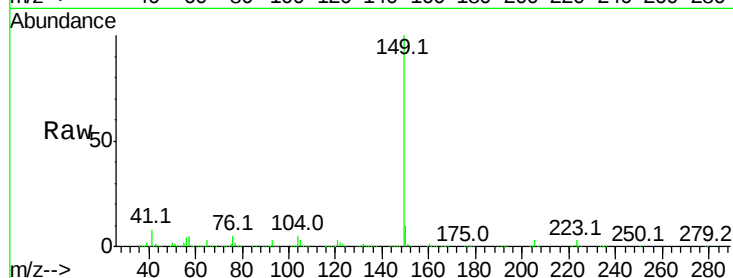
150 10.0 7.7 11.5

104 5.3 4.0 6.0

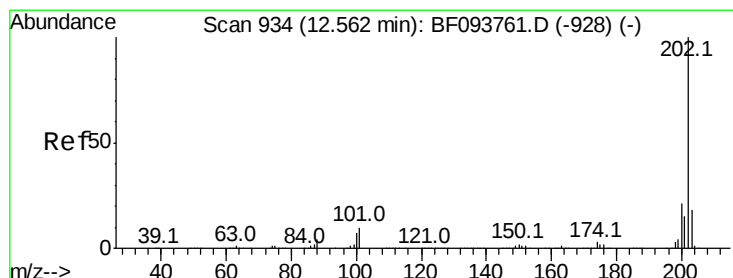
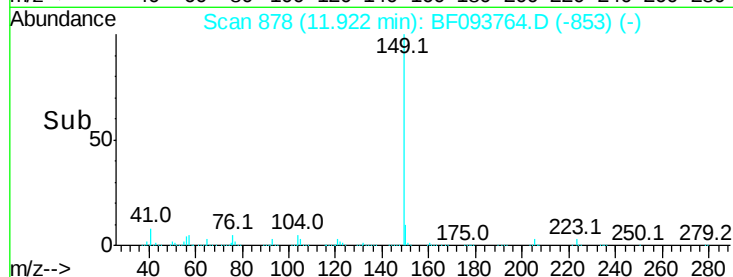
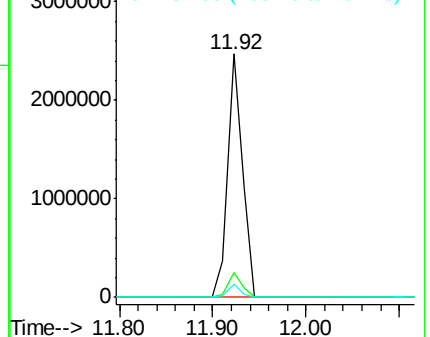
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 59.88 ng

RT: 12.56 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

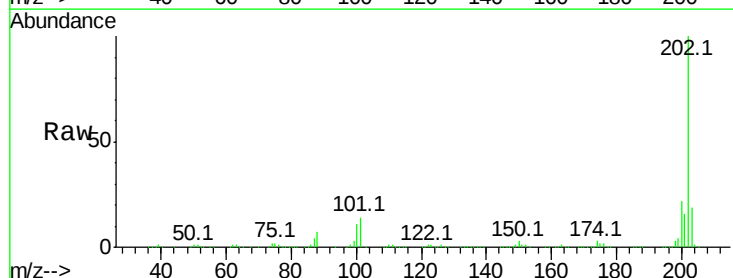
Tgt Ion:202 Resp: 2272238

Ion Ratio Lower Upper

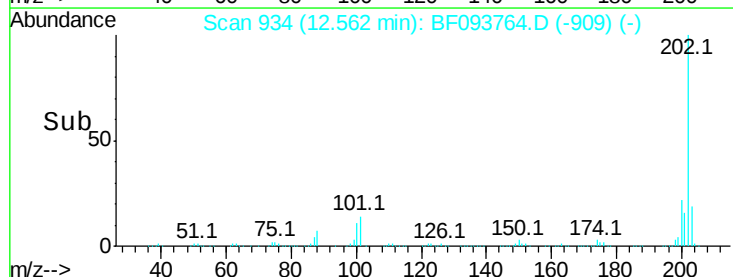
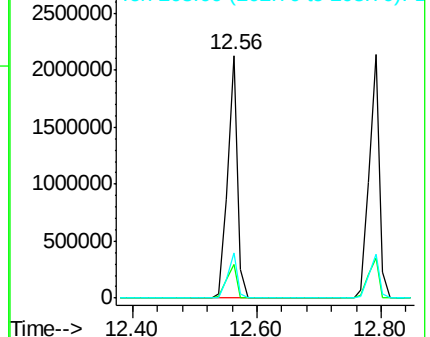
202 100

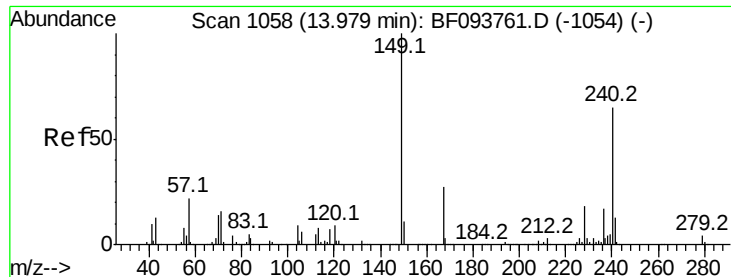
101 14.2 0.0 33.2

203 18.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

Instrument :

BNA_F

ClientSampleId :

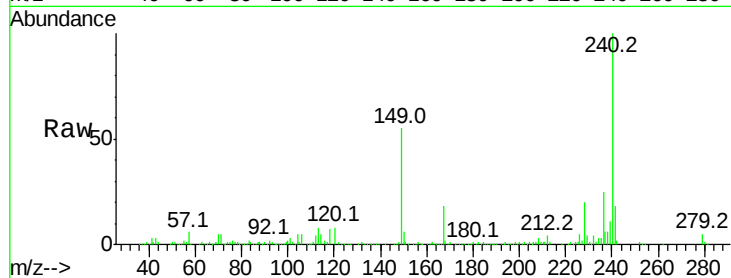
SSTDIC080

Tot Ion:	240	Resp:	353755
Ion Ratio	Lower	Upper	
240	100		
120	8.1	5.8	8.8
236	25.2	20.5	30.7

Manual Integrations
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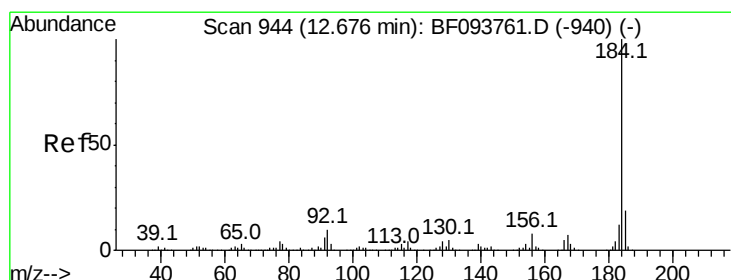
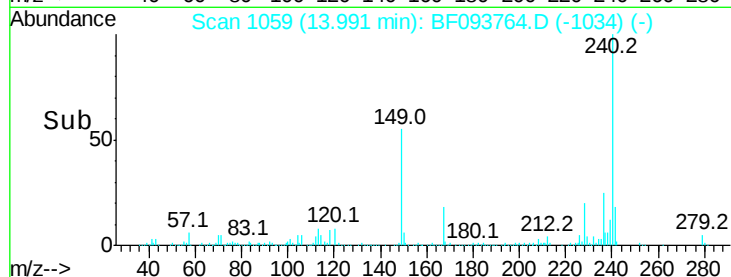
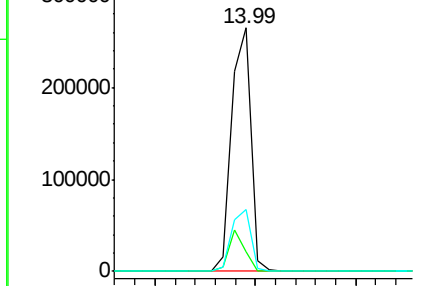
3/21/2017 2:45:18 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 105.07 ng

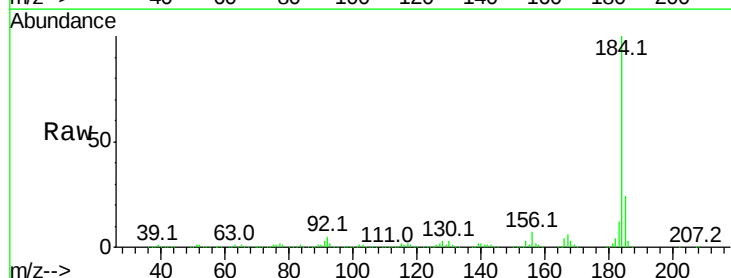
RT: 12.69 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

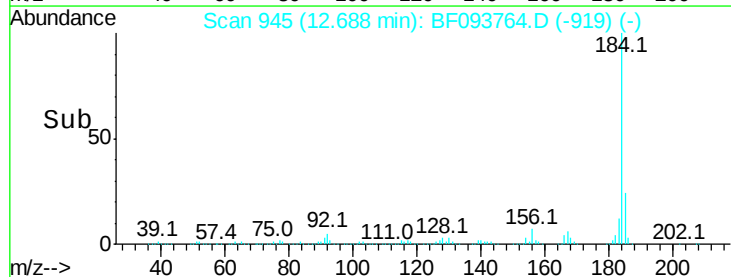
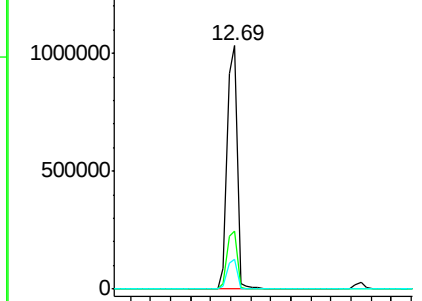
Tgt Ion:	184	Resp:	1452332
Ion Ratio	Lower	Upper	
184	100		
185	23.6	15.5	23.3#
183	12.5	9.8	14.6

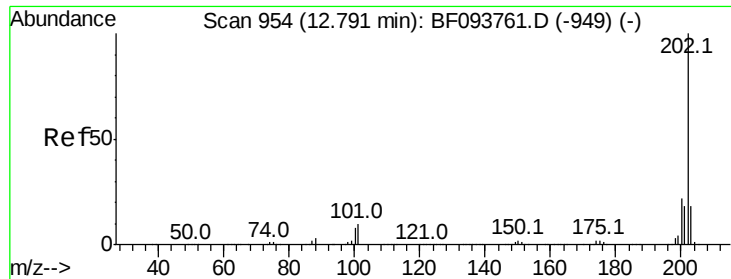


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77
Pvrene
Concen: 78.84 ng
RT: 12.79 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

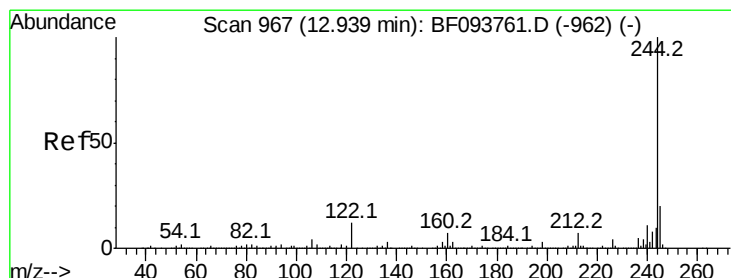
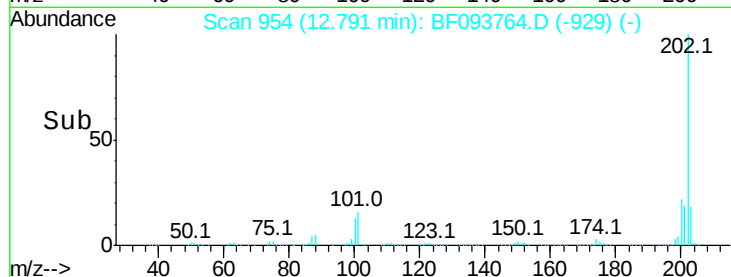
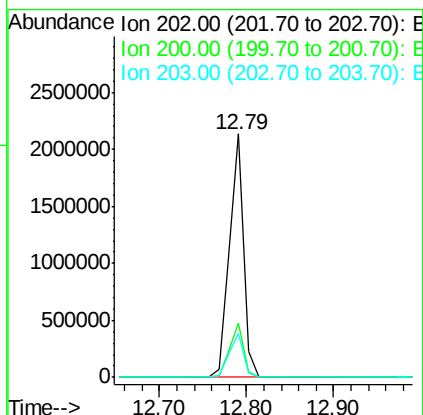
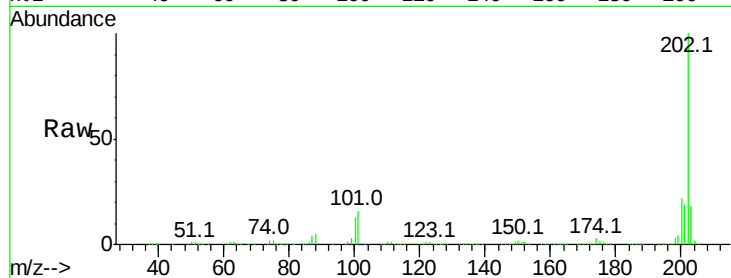
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.6	26.4
203	18.3	14.4	21.6

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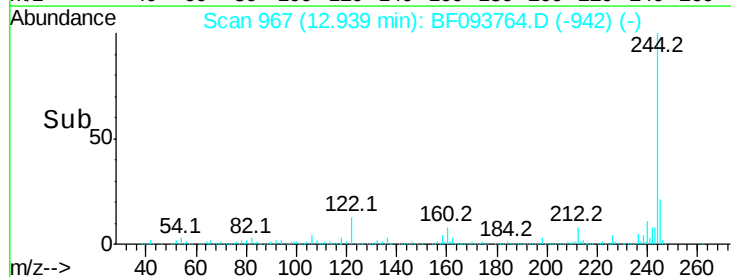
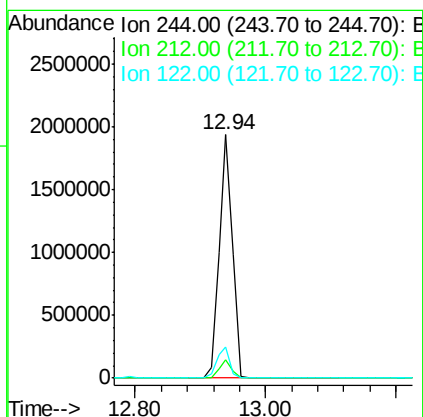
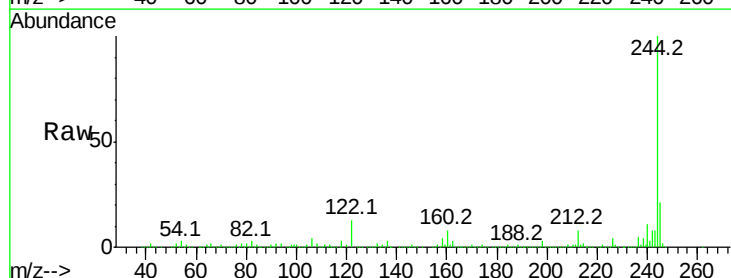
mohammad

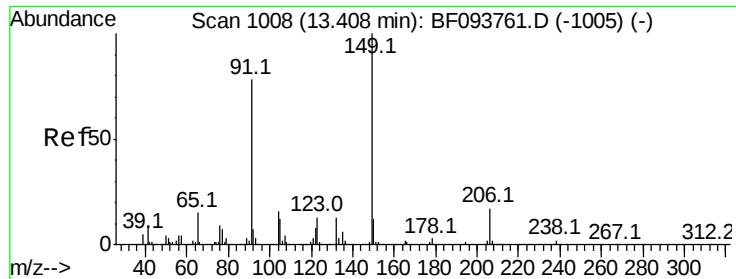
3/21/2017 2:45:18 PM



#78
Terphenyl-d14
Concen: 168.50 ng
RT: 12.94 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.6	10.3	15.5





#79
Butylbenzylphthalate
Concen: 100.48 ng
RT: 13.42 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

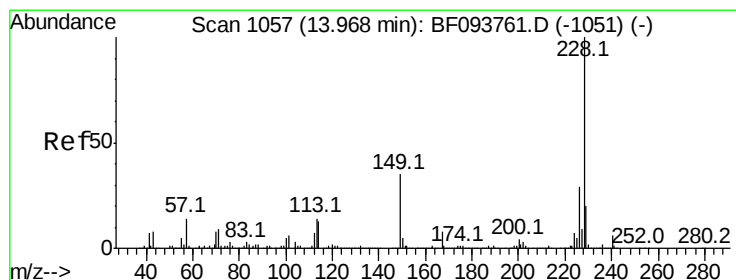
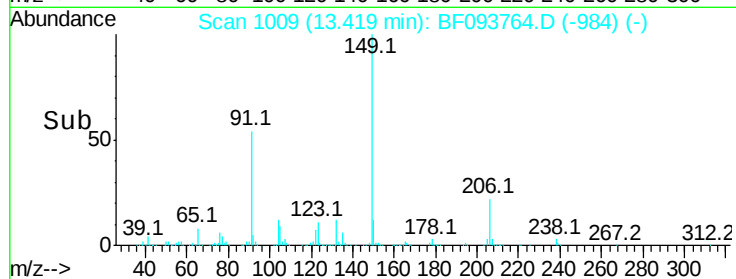
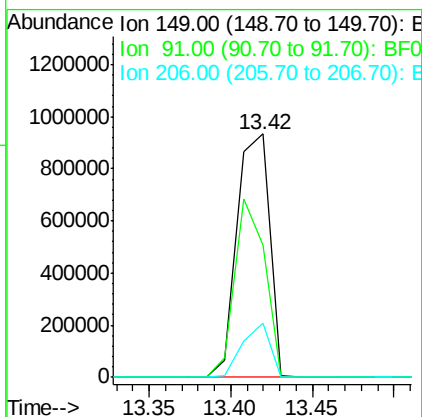
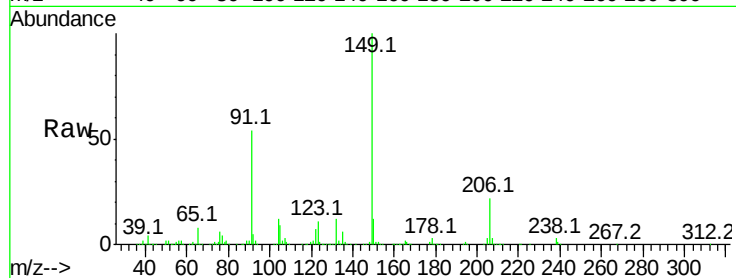
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:149 Resp: 1284148
Ion Ratio Lower Upper
149 100
91 54.5 45.0 67.4
206 22.5 17.0 25.6

Manual Integrations
APPROVED

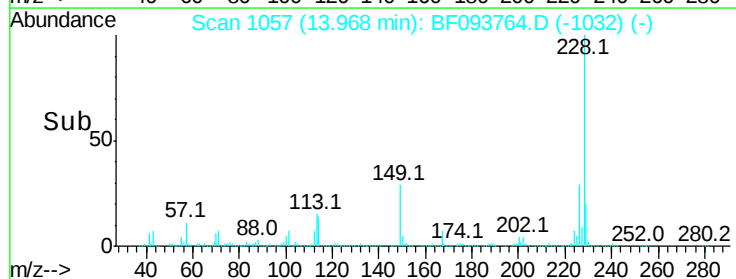
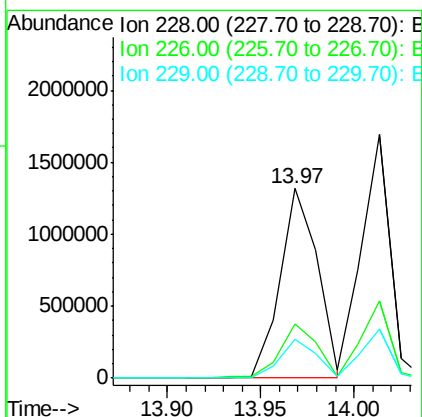
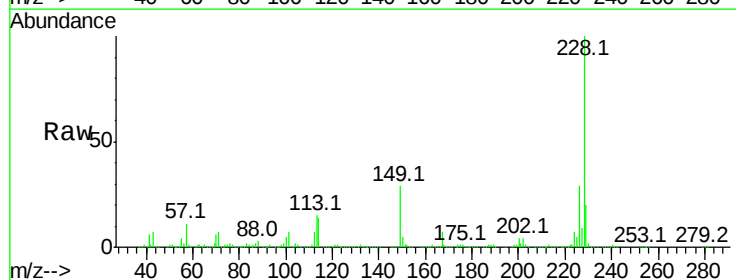
mohammad

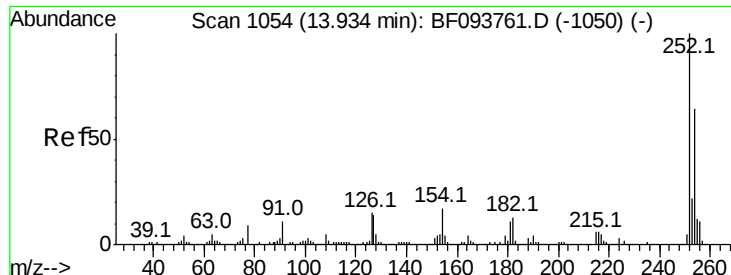
3/21/2017 2:45:18 PM



#80
Benzo(a)anthracene
Concen: 80.86 ng
RT: 13.97 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

Tgt Ion:228 Resp: 1835866
Ion Ratio Lower Upper
228 100
226 28.5 22.6 33.8
229 20.5 16.3 24.5





#81
 3,3'-Dichlorobenzidine
 Concen: 100.50 ng
 RT: 13.95 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BF093764.D
 Acq: 20 Mar 2017 14:05

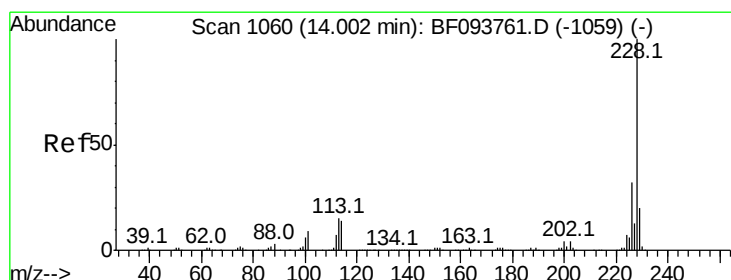
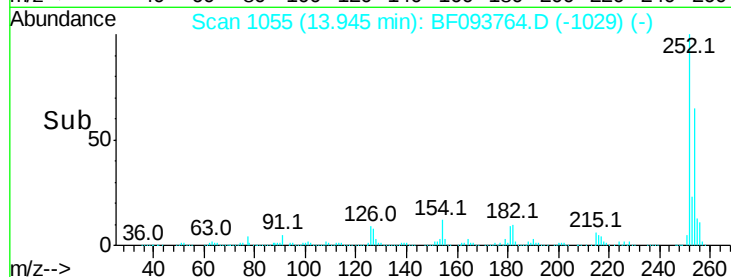
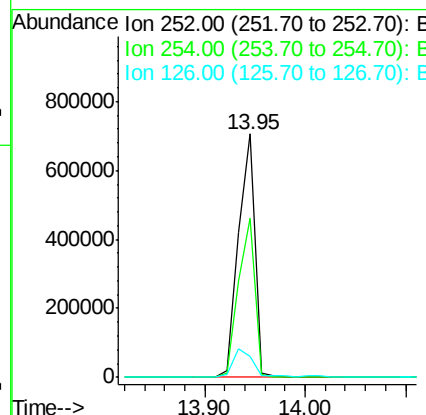
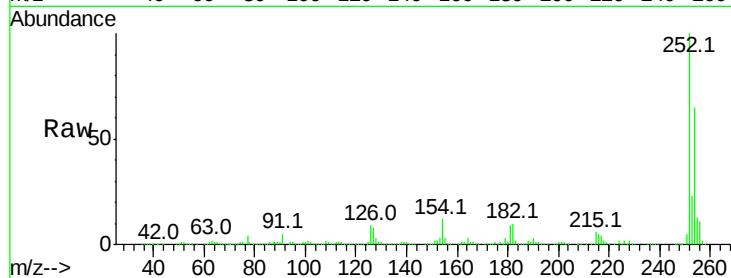
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.5	77.3
126	8.6	15.8	23.8

Manual Integrations
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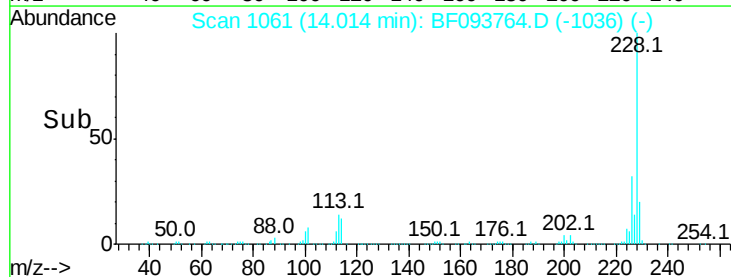
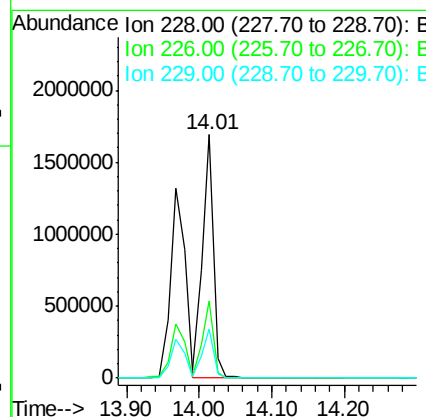
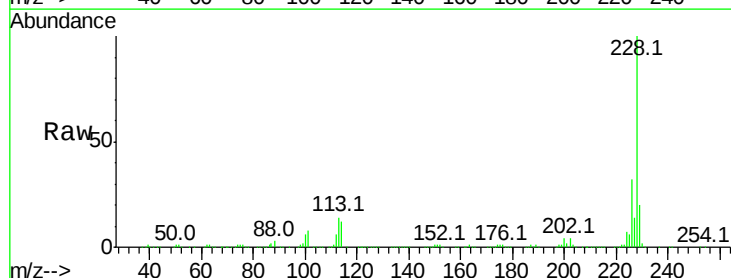
mohammad

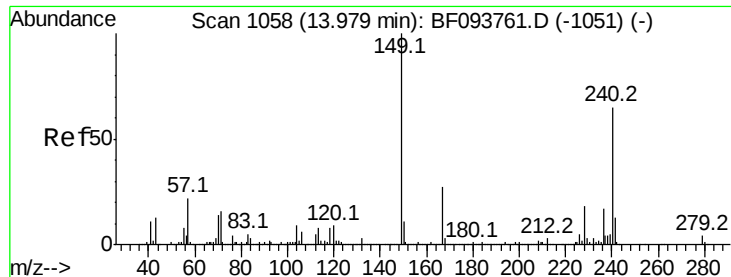
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#82
 Chrysene
 Concen: 82.28 ng
 RT: 14.01 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF093764.D
 Acq: 20 Mar 2017 14:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	20.4	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 90.77 ng

RT: 13.98 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 1275440

Ion Ratio Lower Upper

149 100

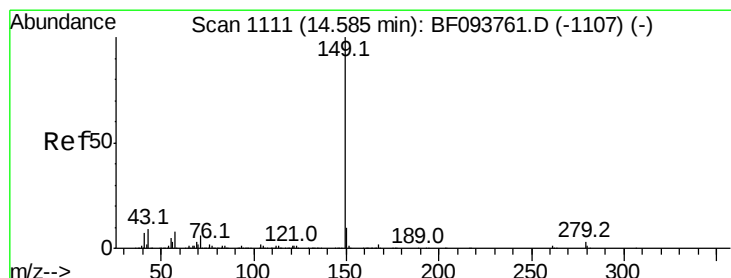
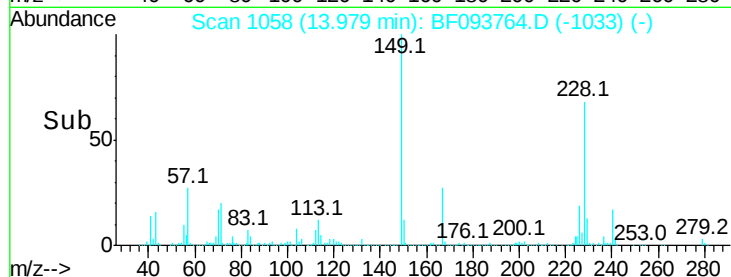
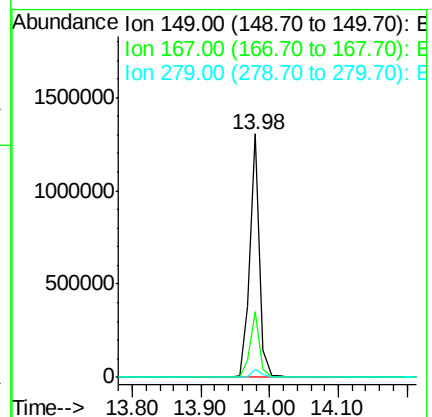
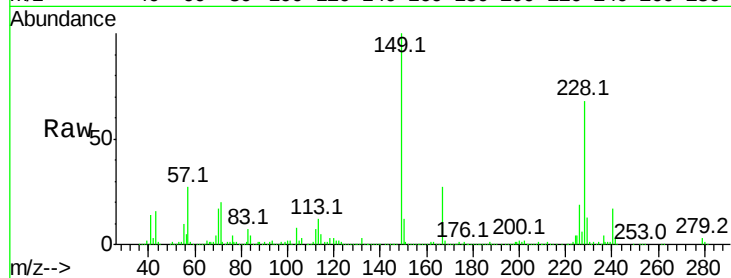
167 26.8 21.0 31.4

279 3.2 1.9 2.9#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 97.48 ng

RT: 14.59 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF093764.D

Acq: 20 Mar 2017 14:05

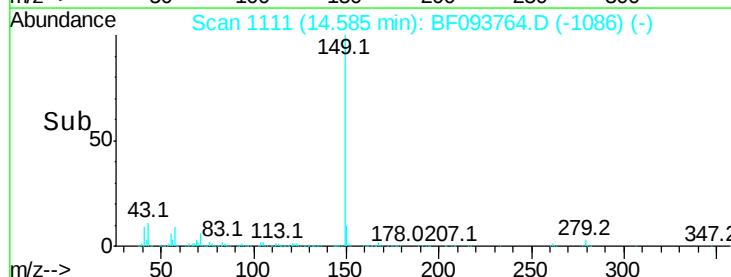
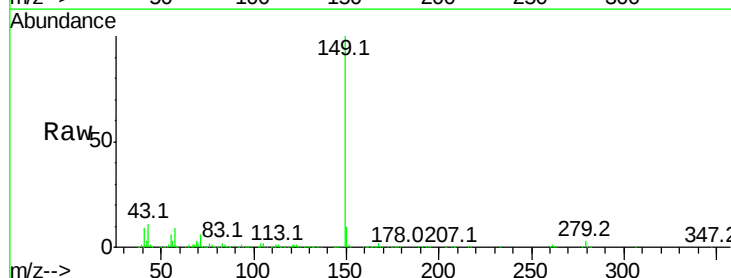
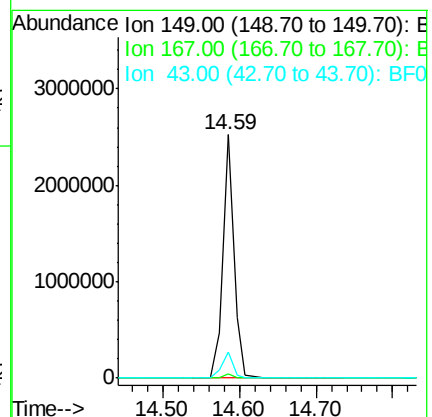
Tgt Ion:149 Resp: 2525227

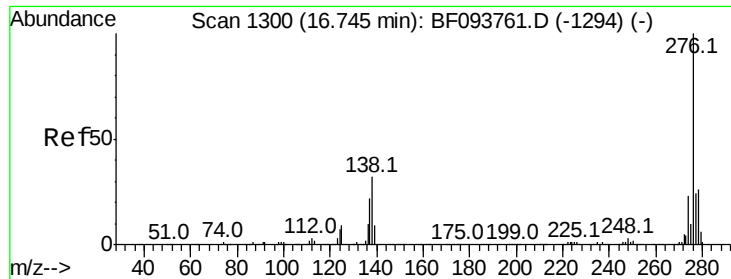
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.7 8.5 12.7





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 91.39 ng
 RT: 16.76 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF093764.D
 Acq: 20 Mar 2017 14:05

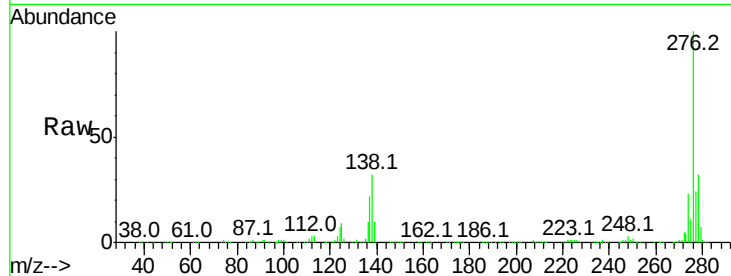
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.7	27.8	41.6
277	25.4	20.2	30.4

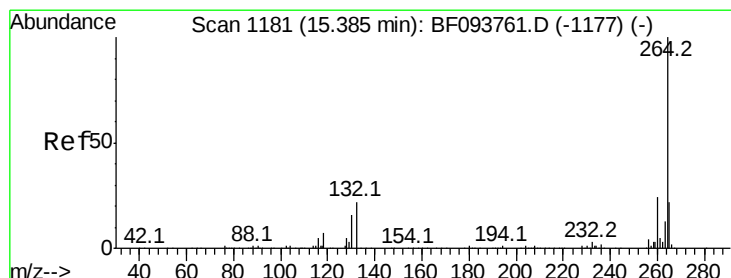
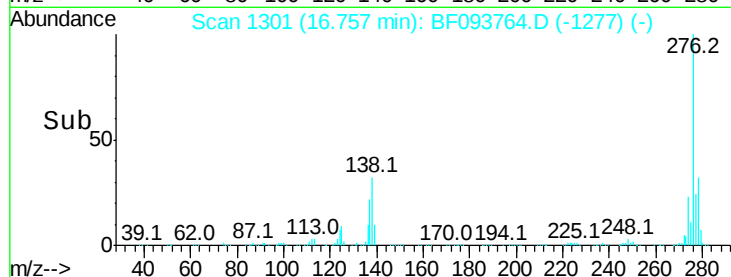
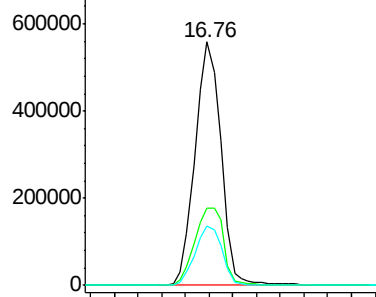
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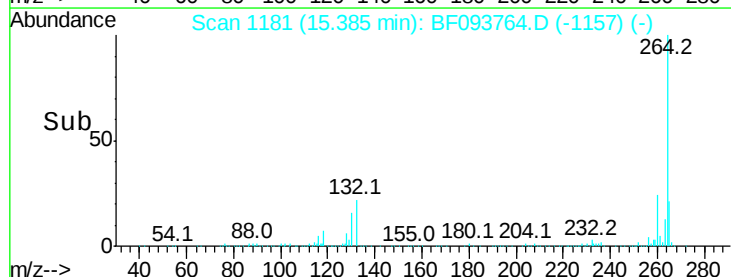
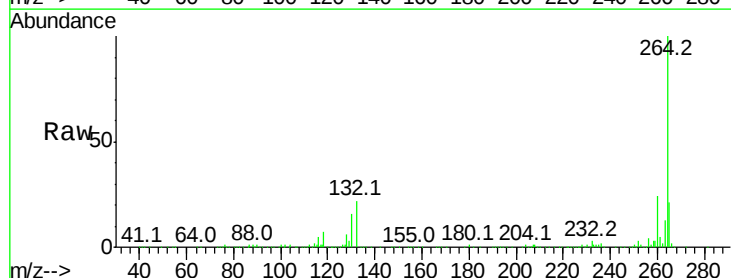
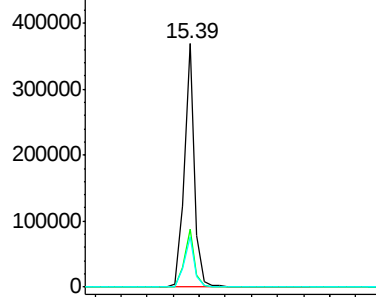
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

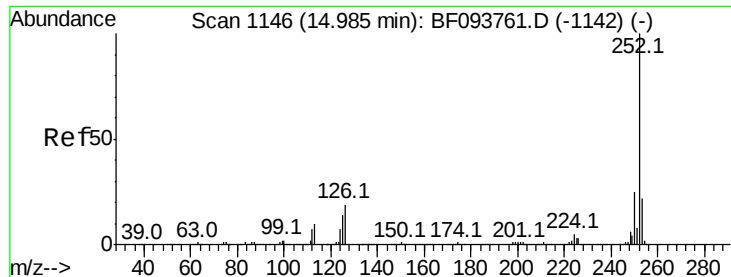


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF093764.D
 Acq: 20 Mar 2017 14:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	20.8	17.2	25.8

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87
Benzo(b)fluoranthene
Concen: 78.87 ng m
RT: 15.00 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

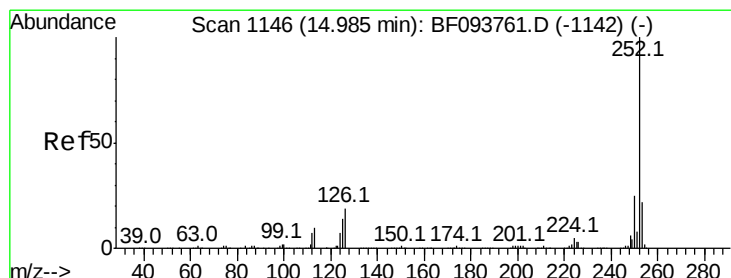
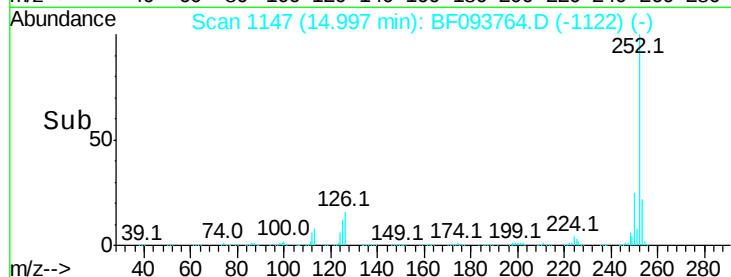
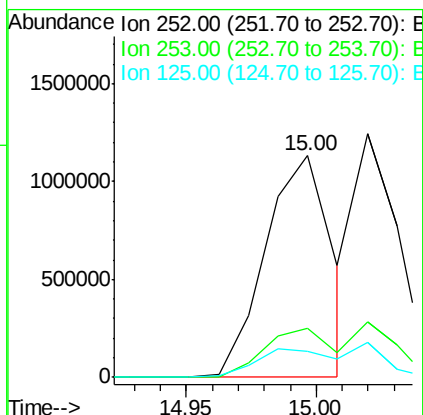
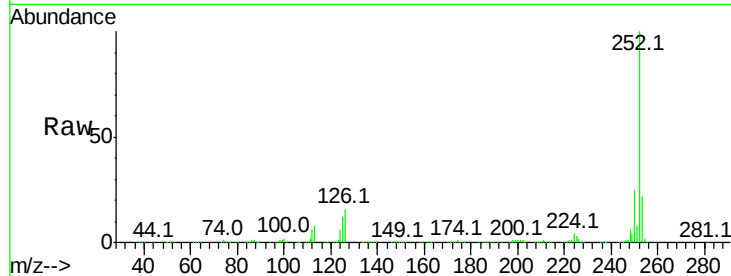
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:252 Resp: 2030176
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 11.9 9.8 14.8

Manual Integrations
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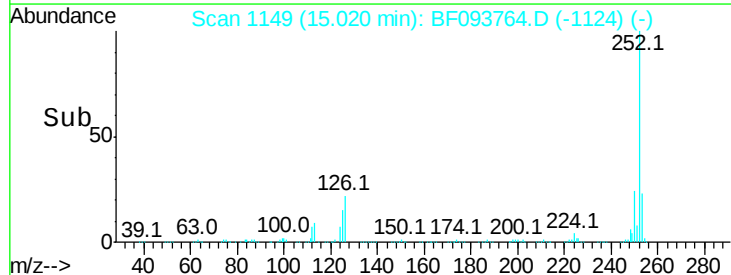
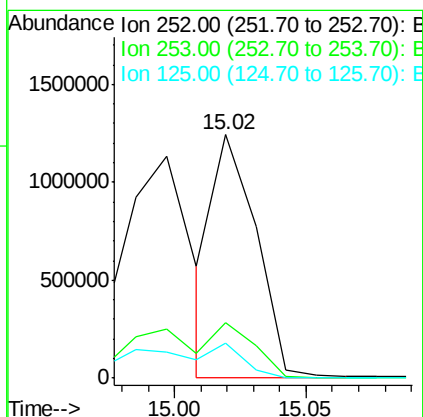
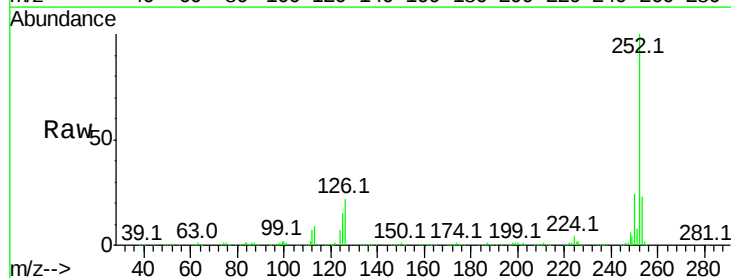
mohammad

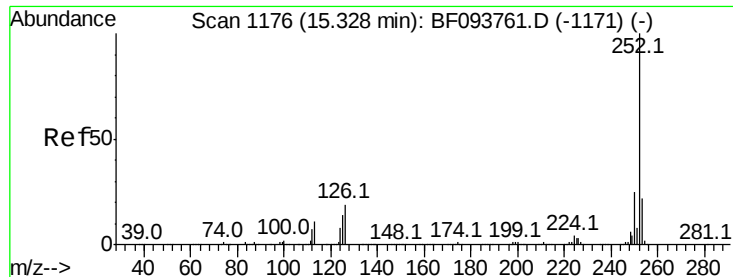
3/21/2017 2:45:18 PM



#88
Benzo(k)fluoranthene
Concen: 62.97 ng m
RT: 15.02 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

Tgt Ion:252 Resp: 1432482
Ion Ratio Lower Upper
252 100
253 22.8 18.4 27.6
125 14.6 13.1 19.7





#89
Benzo(a)pyrene
Concen: 75.08 ng
RT: 15.34 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

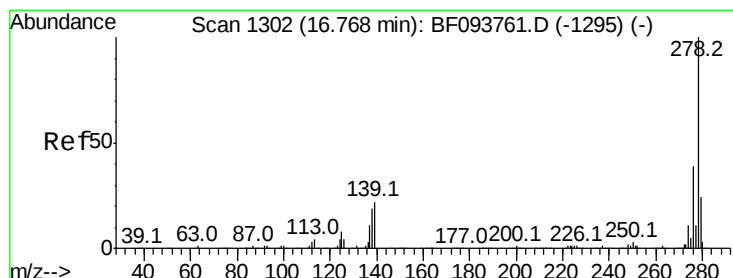
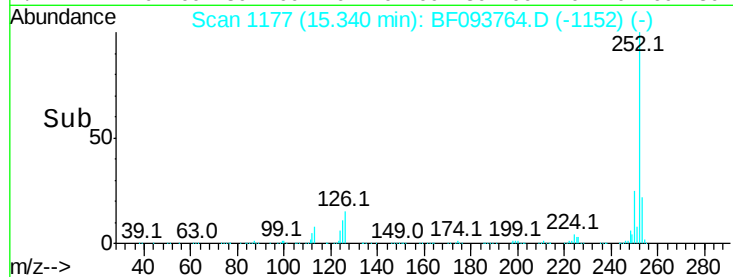
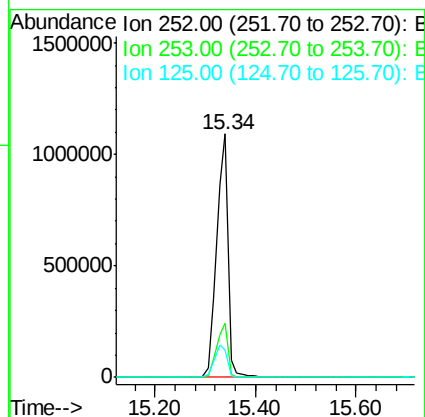
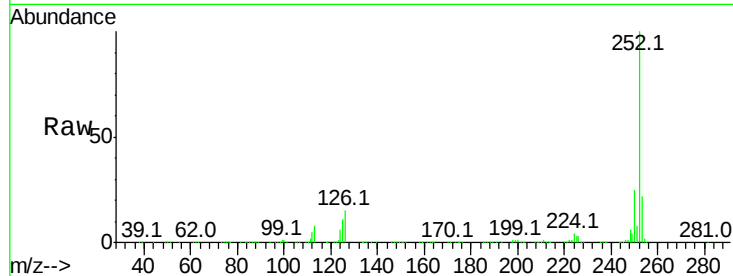
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	11.1	11.0	16.4

Manual Integrations
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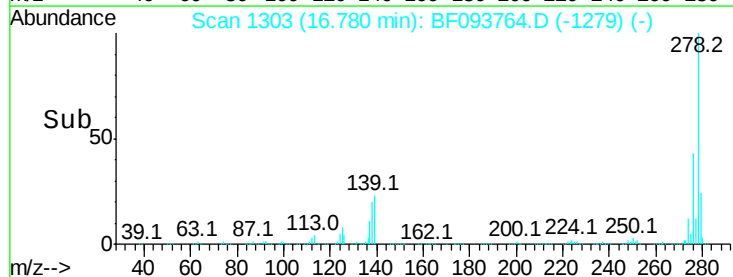
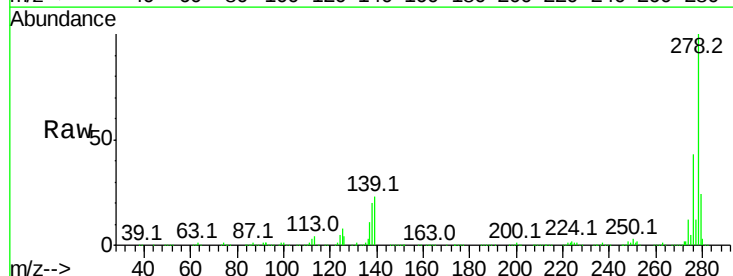
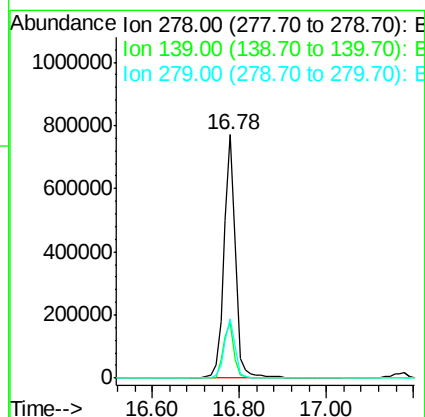
mohammad

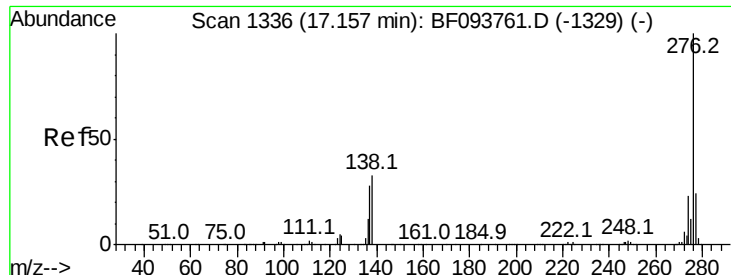
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#90
Dibenzo(a,h)anthracene
Concen: 74.30 ng
RT: 16.78 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF093764.D
Acq: 20 Mar 2017 14:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.7	16.6	24.8
279	24.1	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 75.59 ng
 RT: 17.18 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF093764.D
 Acq: 20 Mar 2017 14:05

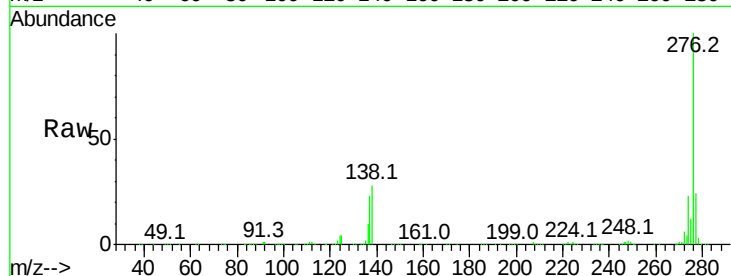
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	27.8	25.4	38.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

