

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
 Data File : BF094665.D
 Acq On : 27 Apr 2017 14:02
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

Manual Integrations
 APPROVED

mohammad
 4/28/2017 3:00:32 PM

Quant Time: Apr 28 03:05:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	130665	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	535387	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	244233	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	419182	20.00	ng	0.00
75) Chrysene-d12	14.48	240	342898	20.00	ng	0.00
86) Perylene-d12	16.10	264	276168	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	4.32	112	638374	81.05	ng	0.02
7) Phenol-d6	5.40	99	746422	80.39	ng	0.00
23) Nitrobenzene-d5	6.42	82	675199	77.87	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	155527	81.41	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1278559	77.02	ng	0.00
78) Terphenyl-d14	13.20	244	1052877	82.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.13	88	173291	37.83	ng	96
3) Pyridine	2.65	79	395015	39.46	ng	99
4) n-Nitrosodimethylamine	2.60	42	153990	37.18	ng	88
6) Aniline	5.41	93	477051	38.66	ng	# 75
8) 2-Chlorophenol	5.54	128	361620	40.35	ng	98
9) Benzaldehyde	5.28	77	282739	40.03	ng	99
10) Phenol	5.41	94	438753	38.47	ng	89
11) bis(2-Chloroethyl)ether	5.48	93	334771	40.18	ng	98
12) 1,3-Dichlorobenzene	5.71	146	400333	40.32	ng	99
13) 1,4-Dichlorobenzene	5.79	146	402559	40.30	ng	95
14) 1,2-Dichlorobenzene	5.97	146	372236	40.45	ng	98
15) Benzyl Alcohol	5.95	79	272485	39.56	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.10	45	446256	40.85	ng	77
17) 2-Methylphenol	6.09	107	286243	40.55	ng	97
18) Hexachloroethane	6.35	117	140786	41.11	ng	89
19) n-Nitroso-di-n-propylamine	6.26	70	248526	40.40	ng	97
20) 3+4-Methylphenols	6.28	107	391927	40.86	ng	# 63
22) Acetophenone	6.25	105	504328	38.74	ng	# 84
24) Nitrobenzene	6.45	77	354882	38.87	ng	93
25) Isophorone	6.74	82	652729	40.61	ng	96
26) 2-Nitrophenol	6.82	139	200522	40.88	ng	95
27) 2,4-Dimethylphenol	6.90	122	313269	39.32	ng	97
28) bis(2-Chloroethoxy)methane	7.00	93	415332	39.95	ng	99
29) 2,4-Dichlorophenol	7.12	162	301587	40.69	ng	98
30) 1,2,4-Trichlorobenzene	7.20	180	305534	39.87	ng	98
31) Naphthalene	7.30	128	1010259	39.25	ng	100
32) Benzoic acid	7.09	122	189473	44.97	ng	97
33) 4-Chloroaniline	7.37	127	420756m	39.30	ng	
34) Hexachlorobutadiene	7.45	225	151569	39.67	ng	97
35) Caprolactam	7.84	113	92122m	39.56	ng	
36) 4-Chloro-3-methylphenol	7.99	107	310554	39.98	ng	88
37) 2-Methylnaphthalene	8.14	142	703131	39.93	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	279282	40.16	ng	99
40) Hexachlorocyclopentadiene	8.32	237	110182	39.16	ng	99

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 SSTDCCC040

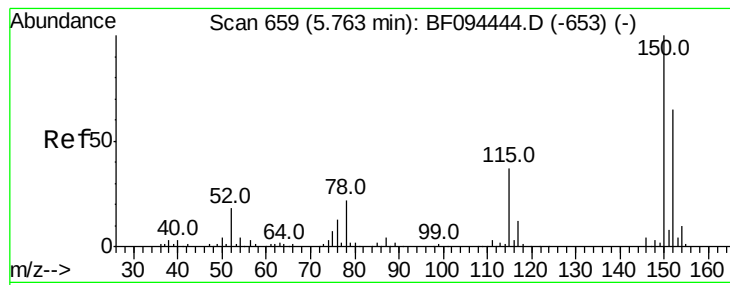
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	195743	40.08	nq	97
43) 2,4,5-Trichlorophenol	8.55	196	205191	40.91	nq	94
45) 1,1'-Biphenyl	8.71	154	798154	40.00	nq	97
46) 2-Chloronaphthalene	8.72	162	629912	39.70	nq	95
47) 2-Nitroaniline	8.87	65	176829	38.74	nq	# 83
48) Acenaphthylene	9.23	152	982266	39.71	nq	99
49) Dimethylphthalate	9.11	163	741780	40.75	nq	99
50) 2,6-Dinitrotoluene	9.17	165	160976	39.40	nq	# 89
51) Acenaphthene	9.44	154	579822	39.14	nq	98
52) 3-Nitroaniline	9.38	138	171595	36.30	nq	90
53) 2,4-Dinitrophenol	9.52	184	78723	38.71	nq	# 67
54) Dibenzofuran	9.66	168	868581	40.34	nq	99
55) 4-Nitrophenol	9.63	139	128066m	38.35	nq	
56) 2,4-Dinitrotoluene	9.67	165	209653	41.82	nq	# 86
57) Fluorene	10.08	166	652472	38.91	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	146133	40.65	nq	96
59) Diethylphthalate	9.97	149	686389	39.97	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	284189	40.73	nq	93
61) 4-Nitroaniline	10.13	138	153676	31.98	nq	96
62) Azobenzene	10.28	77	668779	40.11	nq	93
64) 4,6-Dinitro-2-methylphenol	10.18	198	112417	40.93	nq	# 68
65) n-Nitrosodiphenylamine	10.24	169	594584	40.78	nq	99
66) 4-Bromophenyl-phenylether	10.68	248	174792	41.99	nq	97
67) Hexachlorobenzene	10.76	284	171664	40.92	nq	94
68) Atrazine	10.91	200	178069	40.83	nq	97
69) Pentachlorophenol	11.01	266	71598	42.99	nq	99
70) Phenanthrene	11.25	178	941673	39.89	nq	98
71) Anthracene	11.32	178	974251	39.90	nq	98
72) Carbazole	11.52	167	896227	39.11	nq	98
73) Di-n-butylphthalate	11.97	149	1093861	43.35	nq	99
74) Fluoranthene	12.71	202	953716	38.98	nq	98
76) Benzidine	12.89	184	390069	28.10	nq	# 94
77) Pyrene	12.99	202	976405	40.76	nq	100
79) Butylbenzylphthalate	13.81	149	455025	43.34	nq	# 85
80) Benzo(a)anthracene	14.47	228	786428	39.46	nq	98
81) 3,3'-Dichlorobenzidine	14.44	252	269961	38.26	nq	# 95
82) Chrysene	14.51	228	712782	39.13	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	628792	44.61	nq	# 99
84) Di-n-octyl phthalate	15.28	149	1037744	43.89	nq	97
85) Indeno(1,2,3-cd)pyrene	17.39	276	597240	34.46	nq	99
87) Benzo(b)fluoranthene	15.70	252	677021	40.07	nq	99
88) Benzo(k)fluoranthene	15.73	252	669642	41.89	nq	95
89) Benzo(a)pyrene	16.05	252	631748	40.20	nq	99
90) Dibenzo(a,h)anthracene	17.40	278	502476	38.50	nq	99
91) Benzo(g,h,i)perylene	17.77	276	485595	36.55	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.77 min Scan# 652

Delta R.T. 0.01 min

Lab File: BF094665.D

Acq: 27 Apr 2017 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 130665

Ion Ratio Lower Upper

152 100

150 161.1 126.2 189.2

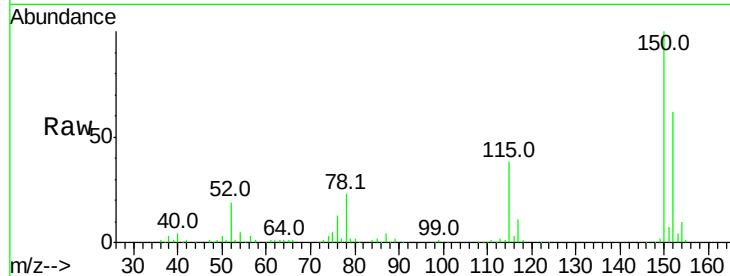
115 61.2 52.2 78.2

Manual Integrations

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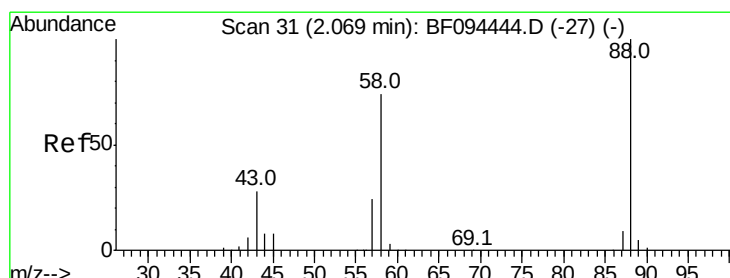
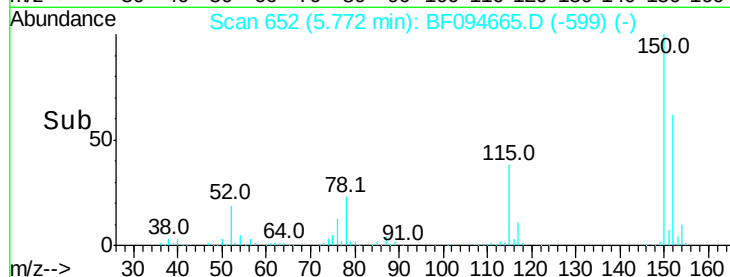
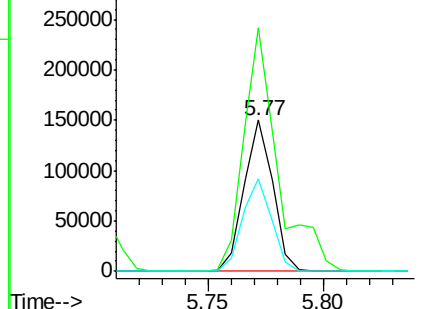
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.83 ng

RT: 2.13 min Scan# 33

Delta R.T. 0.06 min

Lab File: BF094665.D

Acq: 27 Apr 2017 14:02

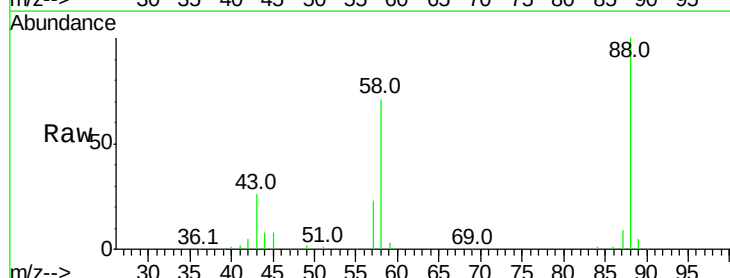
Tgt Ion: 88 Resp: 173291

Ion Ratio Lower Upper

88 100

58 72.9 61.4 92.0

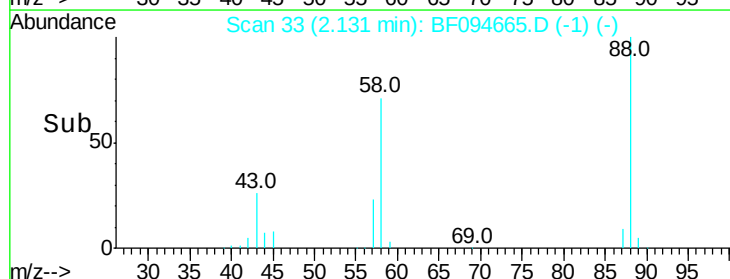
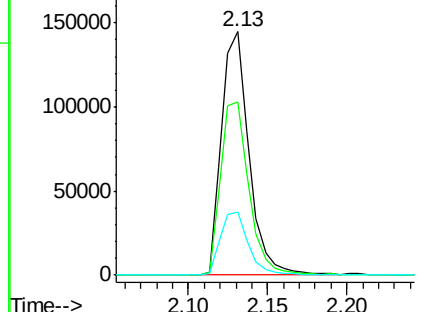
43 26.8 23.4 35.0

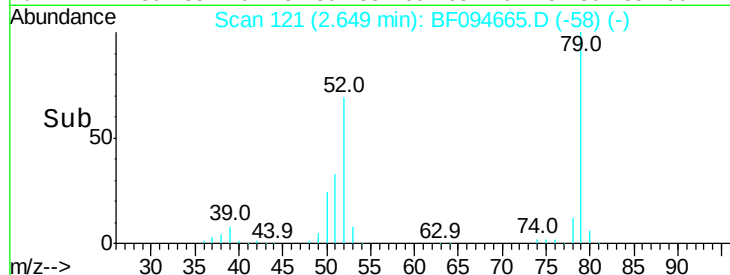
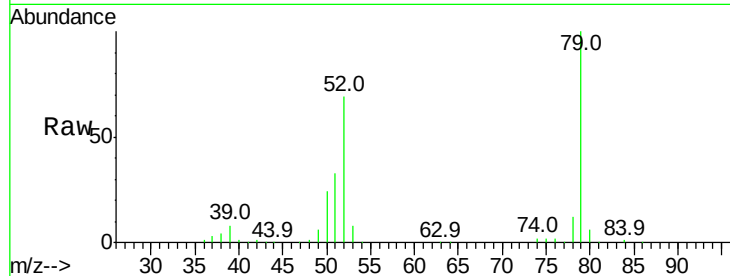
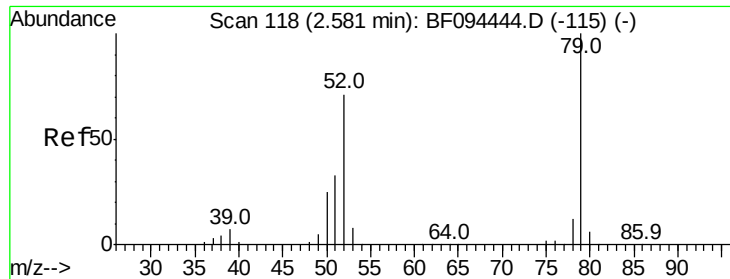


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





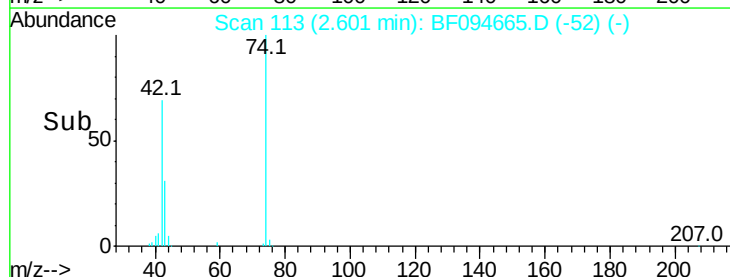
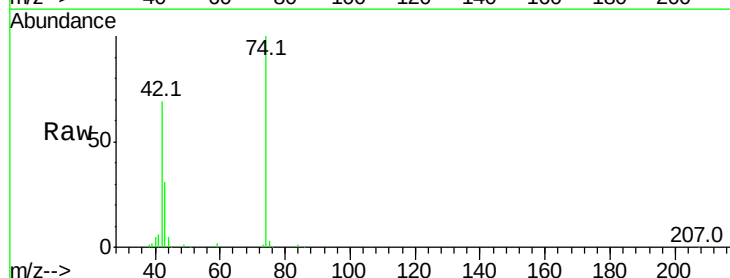
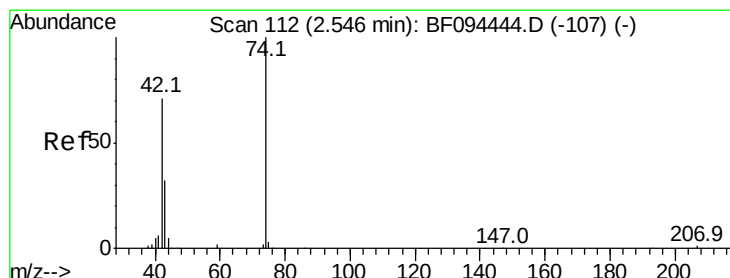
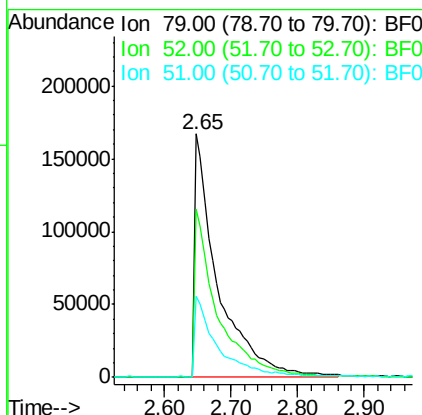
#3
 Pvridine
 Concen: 39.46 ng
 RT: 2.65 min Scan# 121
 Delta R.T. 0.07 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	395015		
52	52	68.9		54.8	82.2
51	51	33.1		27.0	40.4

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

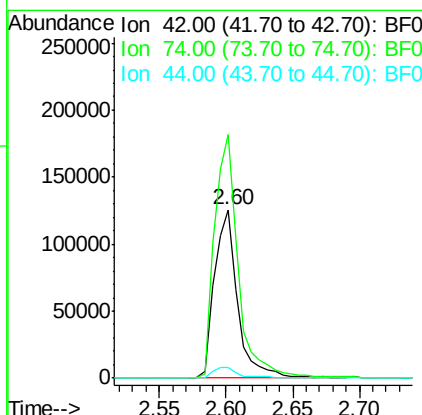
Manual Integrations
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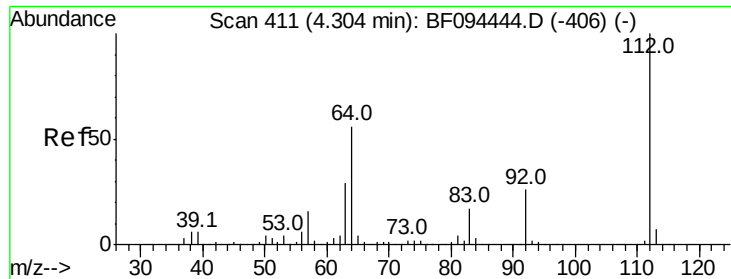
mohammad
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#4
 n-Nitrosodimethylamine
 Concen: 37.18 ng
 RT: 2.60 min Scan# 113
 Delta R.T. 0.06 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	153990		
74	74	144.3		103.9	155.9
44	44	6.5		5.7	8.5





#5

2-Fluorophenol

Concen: 81.05 ng

RT: 4.32 min Scan# 406

Delta R.T. 0.02 min

Lab File: BF094665.D

Acq: 27 Apr 2017 14:02

Instrument :

BNA_F

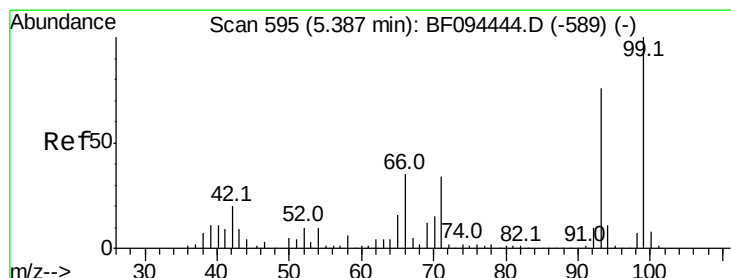
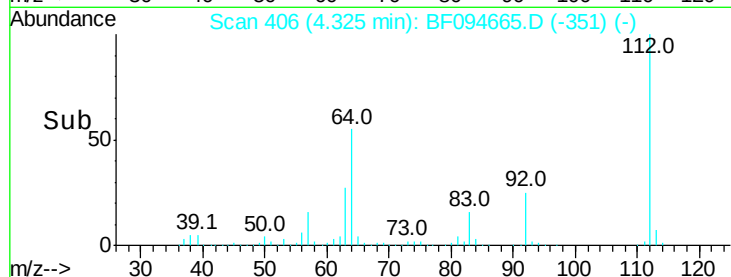
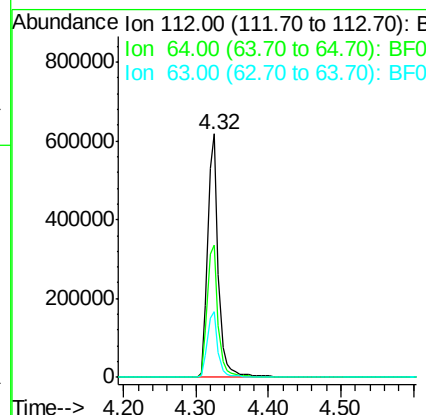
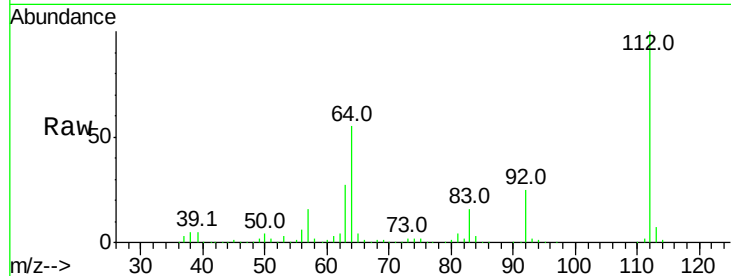
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	638374
Ion Ratio	Lower	Upper	
112	100		
64	54.5	46.0	69.0
63	26.9	23.4	35.0

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#6

Aniline

Concen: 38.66 ng

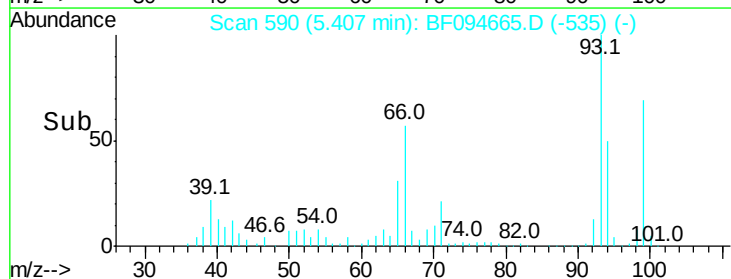
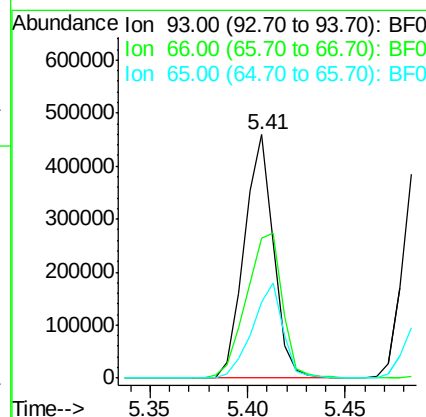
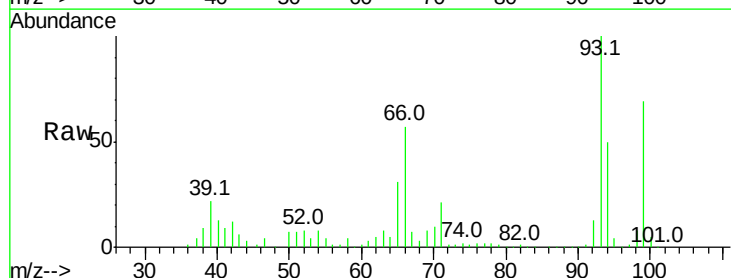
RT: 5.41 min Scan# 590

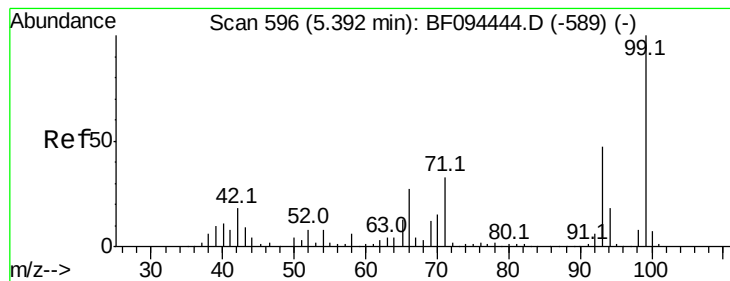
Delta R.T. 0.02 min

Lab File: BF094665.D

Acq: 27 Apr 2017 14:02

Tgt Ion:	93	Resp:	477051
Ion Ratio	Lower	Upper	
93	100		
66	57.3	32.9	49.3#
65	31.0	16.0	24.0#





#7

Phenol-d6

Concen: 80.39 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094665.D

Acq: 27 Apr 2017 14:02

Instrument :

BNA_F

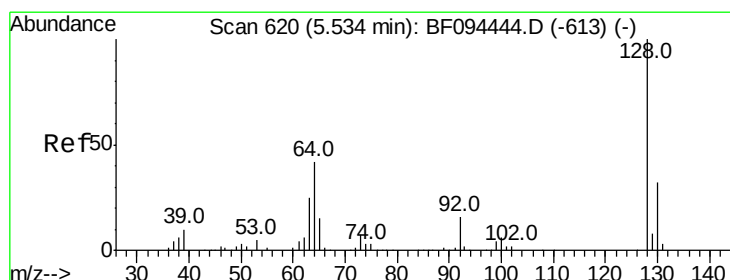
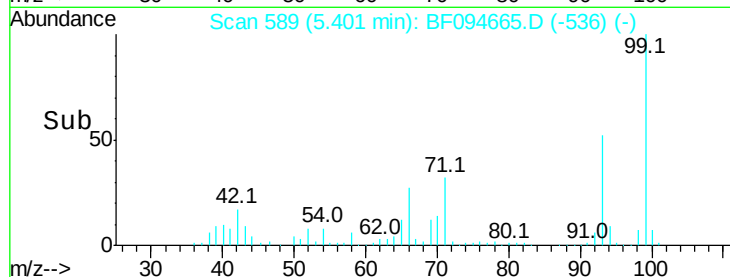
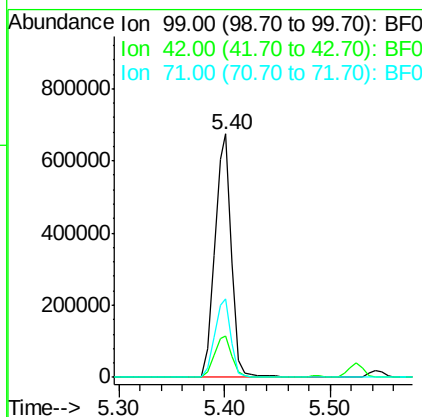
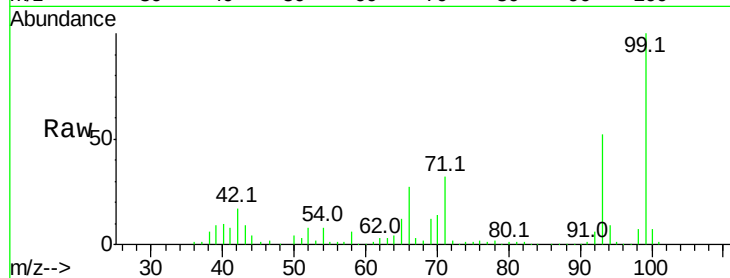
ClientSampleId :

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Tot Ion:	99	Resp:	746422
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	32.2	24.5	36.7

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#8

2-Chlorophenol

Concen: 40.35 ng

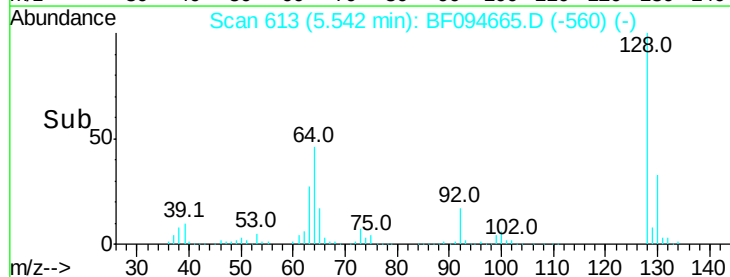
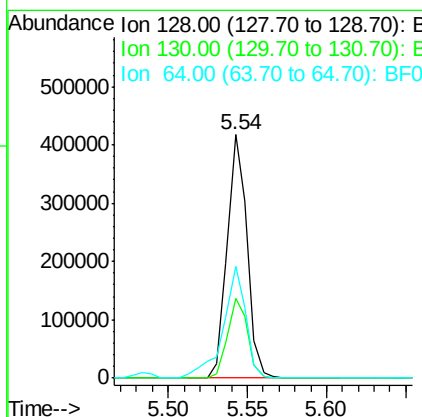
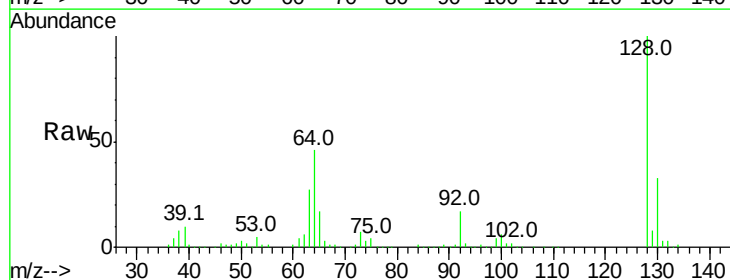
RT: 5.54 min Scan# 613

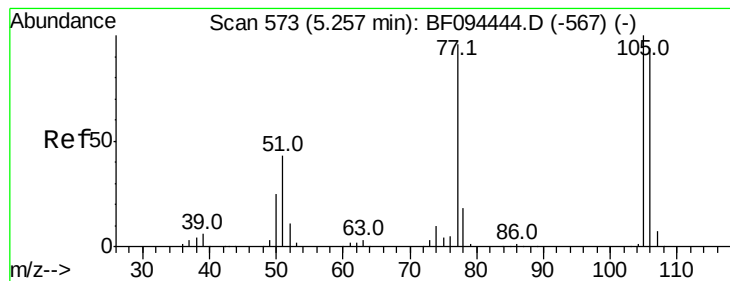
Delta R.T. 0.01 min

Lab File: BF094665.D

Acq: 27 Apr 2017 14:02

Tgt Ion:	128	Resp:	361620
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.9	52.9
64	45.8	28.4	68.4





#9

Benzaldehyde

Concen: 40.03 ng

RT: 5.28 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF094665.D

Acq: 27 Apr 2017 14:02

Instrument :

BNA_F

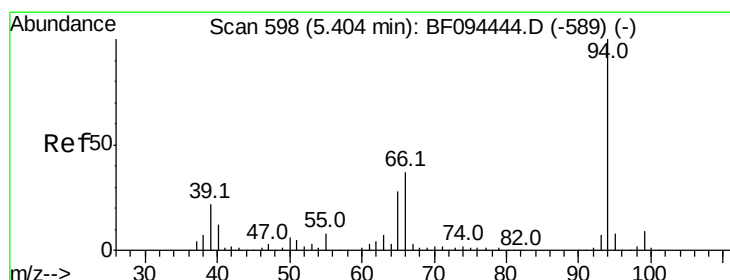
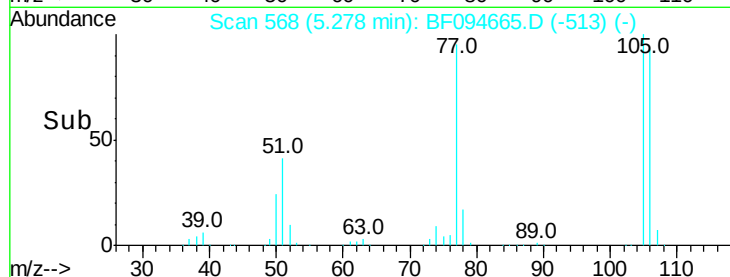
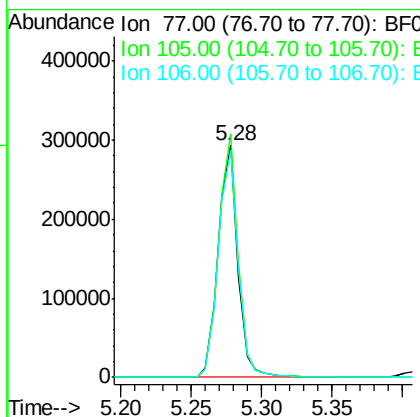
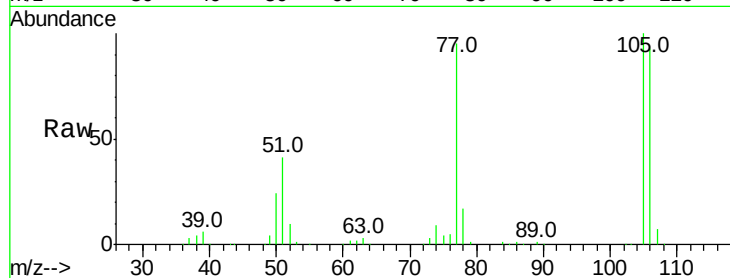
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	282739
Ion	Ratio	Lower	Upper
77	100		
105	105.0	83.8	123.8
106	97.9	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 38.47 ng

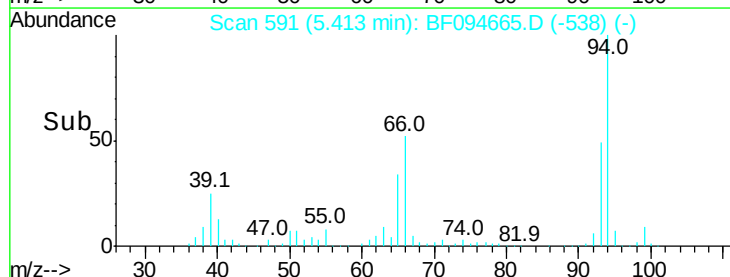
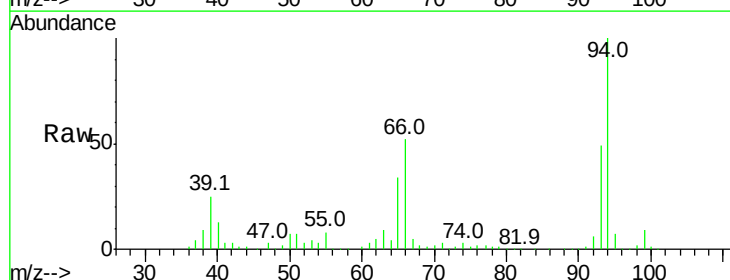
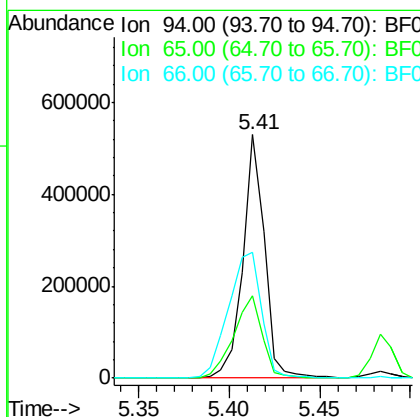
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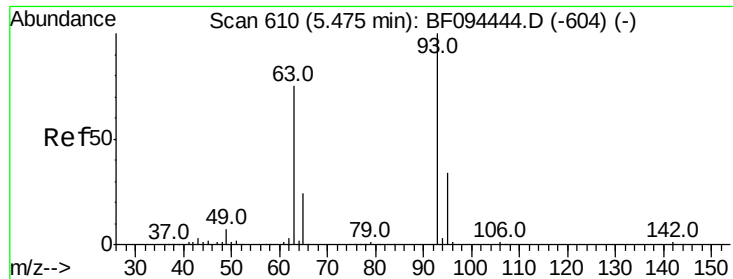
Delta R.T. 0.01 min

Lab File: BF094665.D

Acq: 27 Apr 2017 14:02

Tgt Ion:	94	Resp:	438753
Ion	Ratio	Lower	Upper
94	100		
65	34.0	9.9	49.9
66	51.8	23.1	63.1





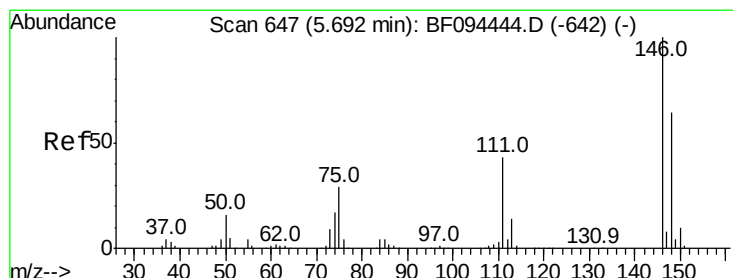
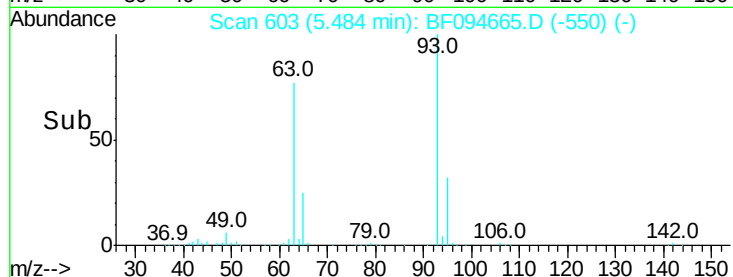
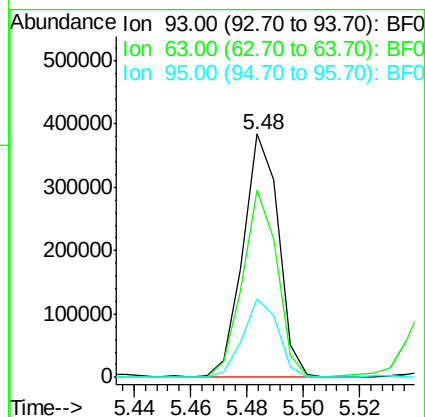
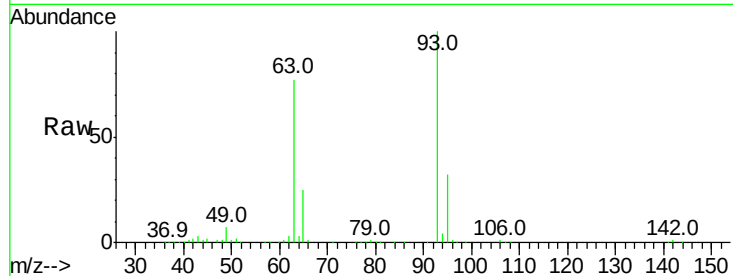
#11
bis(2-Chloroethyl)ether
Concen: 40.18 ng
RT: 5.48 min Scan# 603
Delta R.T. 0.01 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.0	59.2	99.2
95	32.2	12.8	52.8

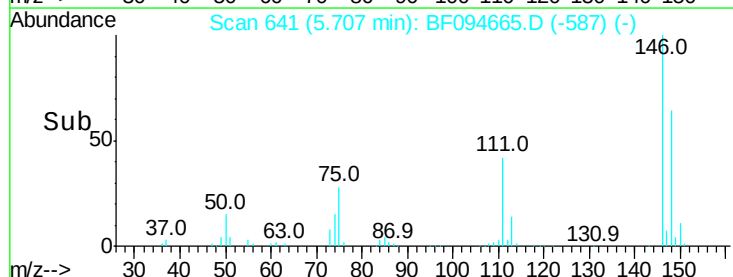
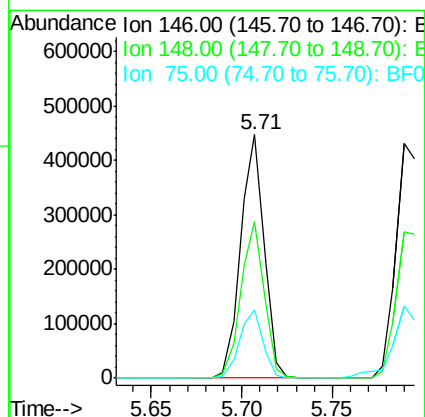
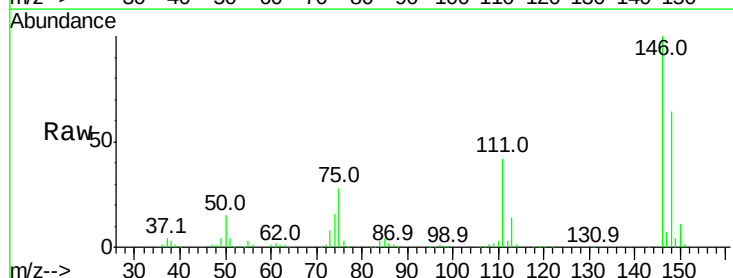
Manual Integrations
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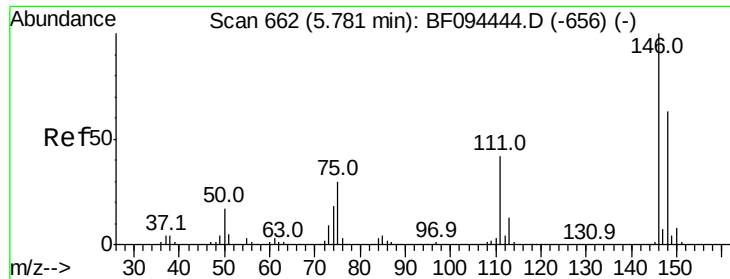
mohammad
4/28/2017 3:00:32 PM



#12
1,3-Dichlorobenzene
Concen: 40.32 ng
RT: 5.71 min Scan# 641
Delta R.T. 0.01 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.6
75	27.8	23.1	34.7





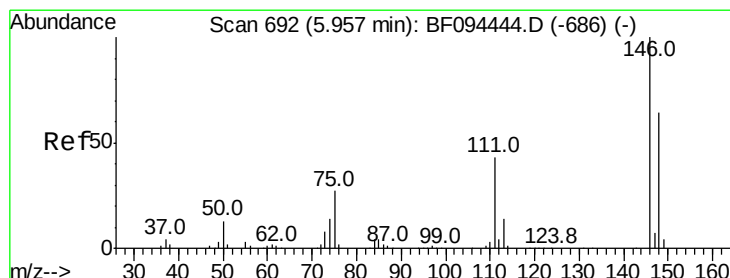
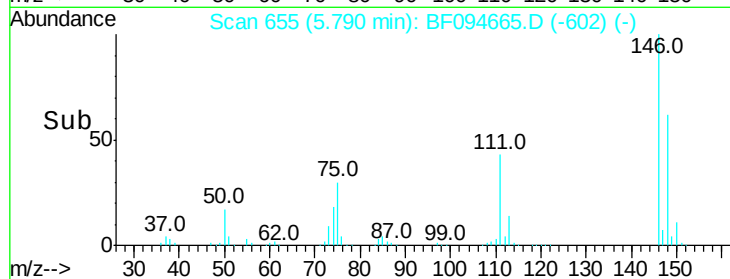
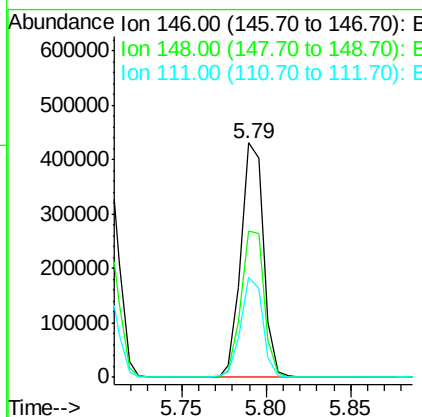
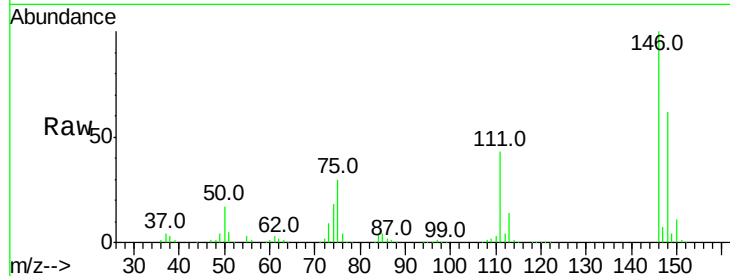
#13
 1,4-Dichlorobenzene
 Concen: 40.30 ng
 RT: 5.79 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.2	78.2
111	42.8	30.3	45.5

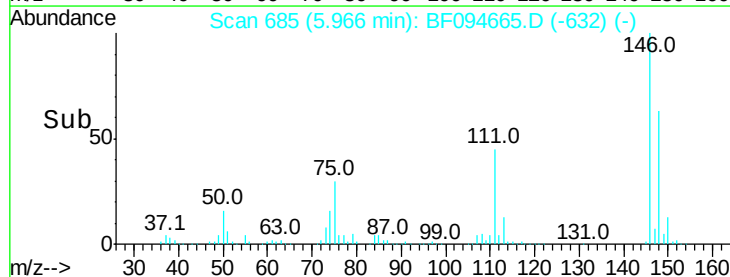
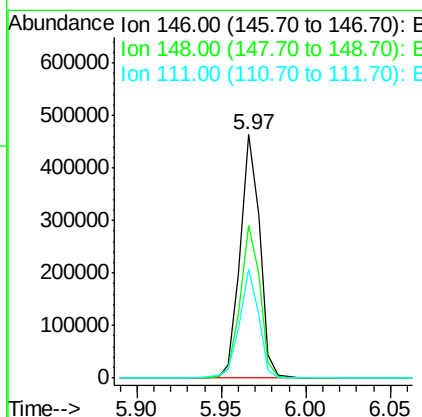
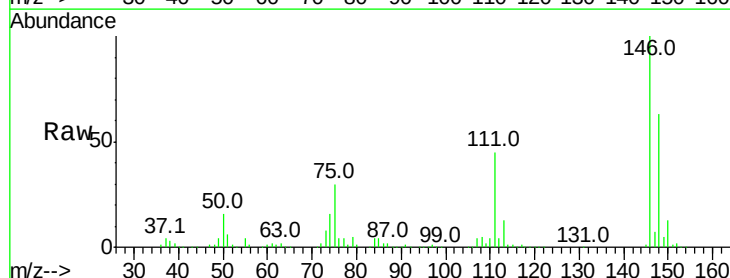
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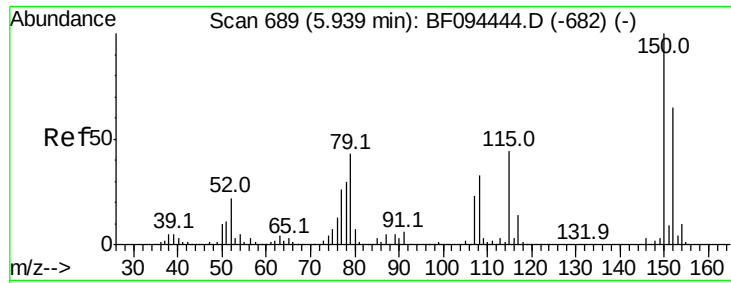
mohammad
 4/28/2017 3:00:32 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.45 ng
 RT: 5.97 min Scan# 685
 Delta R.T. 0.01 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.4	75.6
111	44.8	38.2	57.4





#15

Benzyl Alcohol

Concen: 39.56 ng

RT: 5.95 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF094665.D

Acq: 27 Apr 2017 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 272485

Ion Ratio Lower Upper

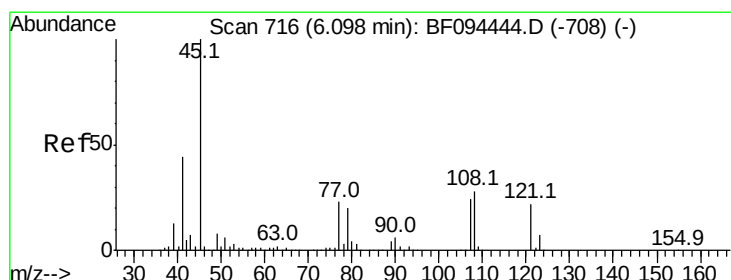
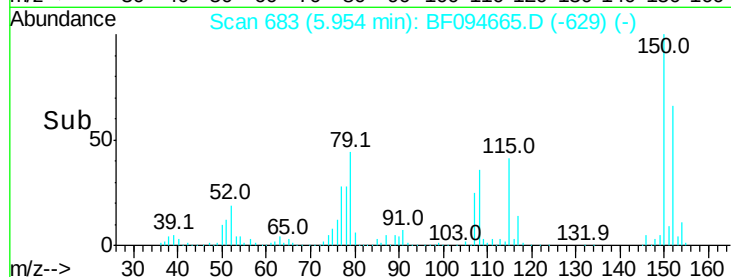
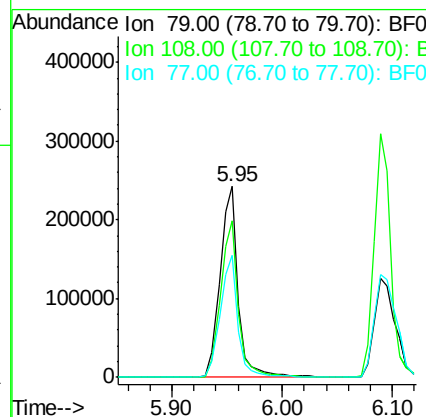
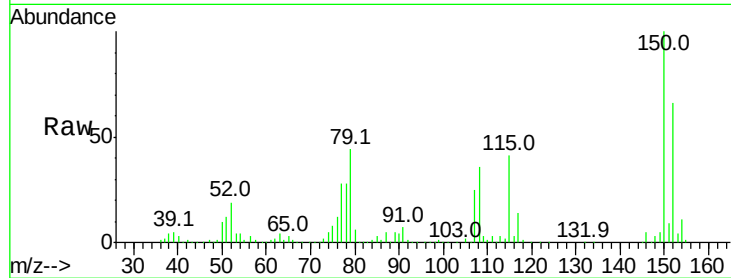
79 100

108 82.1 63.4 95.0

77 64.1 49.2 73.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.85 ng

RT: 6.10 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF094665.D

Acq: 27 Apr 2017 14:02

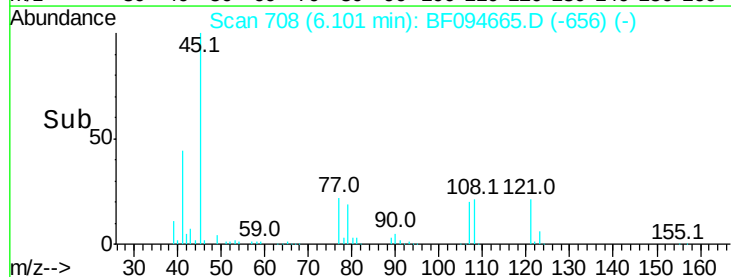
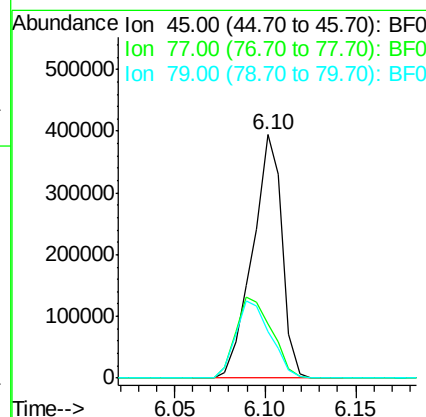
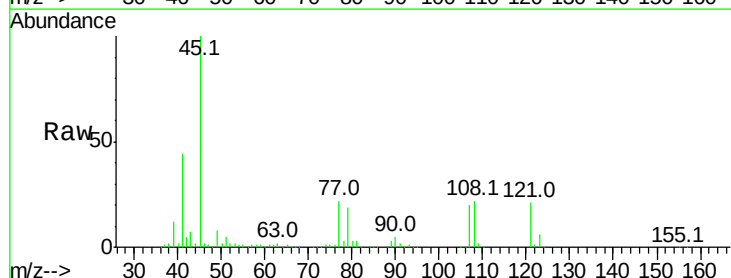
Tgt Ion: 45 Resp: 446256

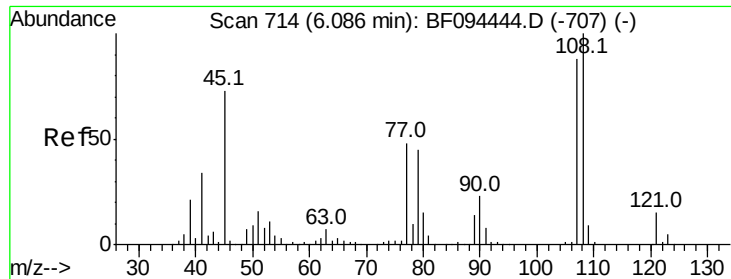
Ion Ratio Lower Upper

45 100

77 22.3 0.0 33.2

79 18.8 0.0 30.0





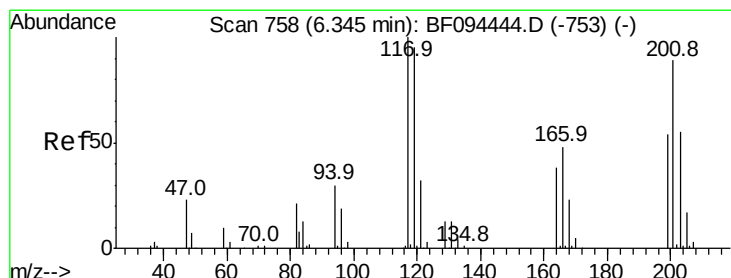
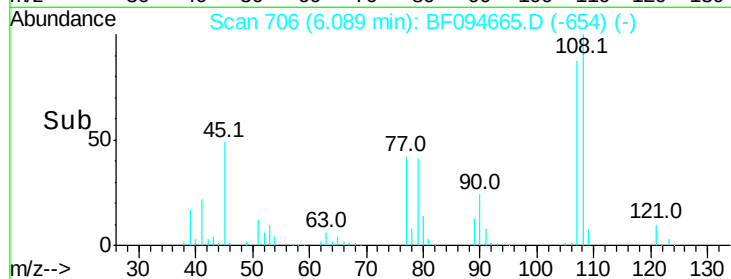
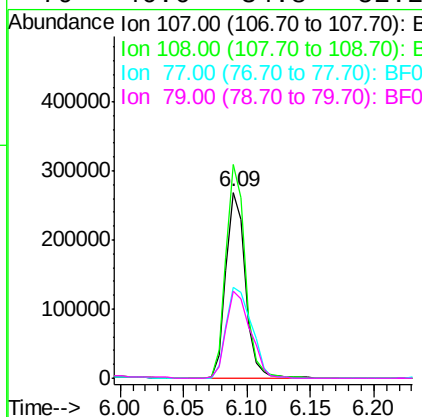
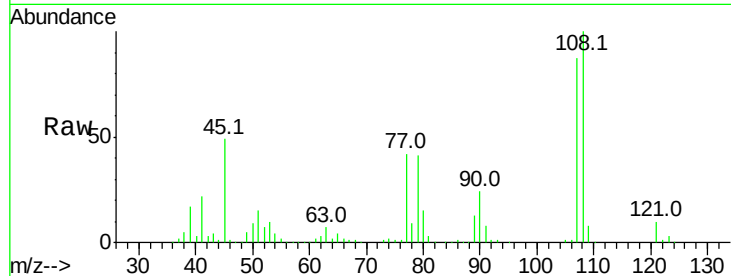
#17
2-Methylphenol
Concen: 40.55 ng
RT: 6.09 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	286243		
108	114.9		93.4	140.0
77	48.6		35.8	53.6
79	46.6		34.8	52.2

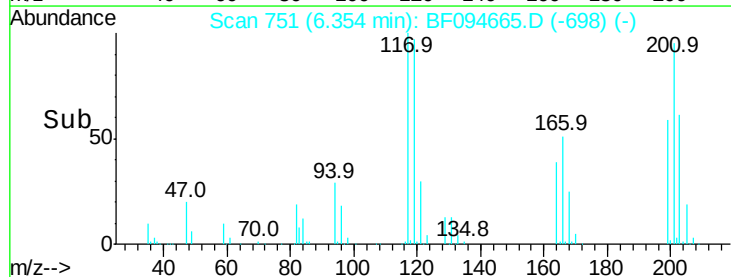
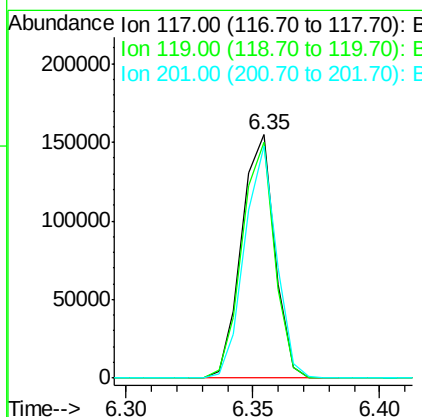
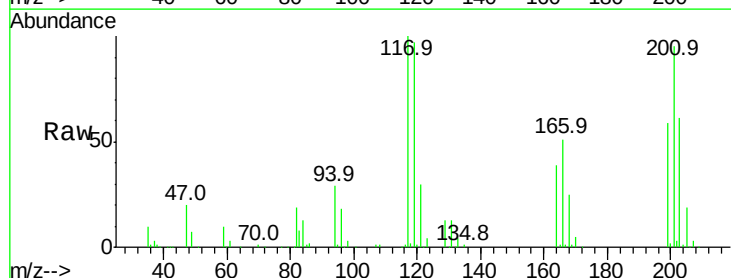
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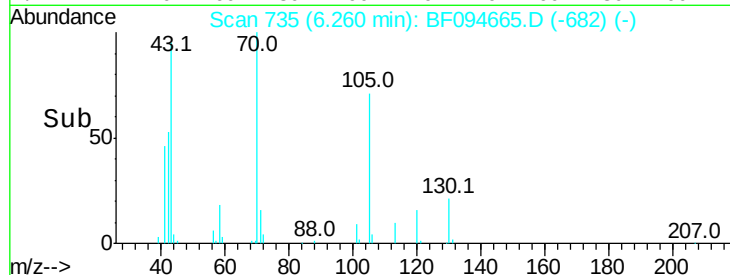
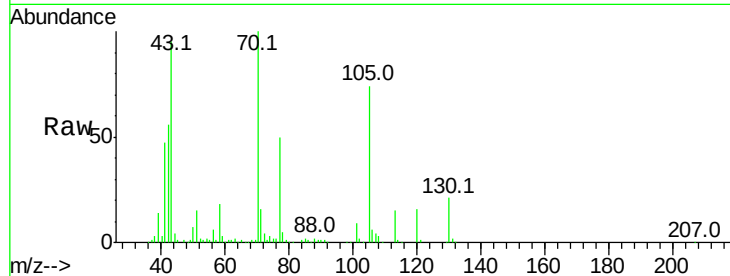
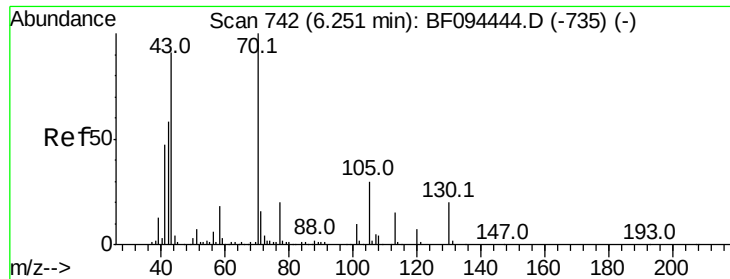
mohammad
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#18
Hexachloroethane
Concen: 41.11 ng
RT: 6.35 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	140786		
119	96.9		77.4	116.0
201	95.5		94.6	141.8





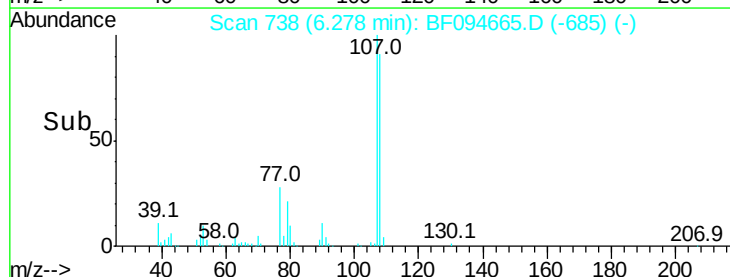
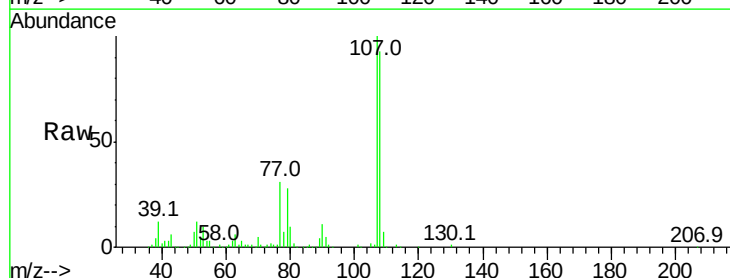
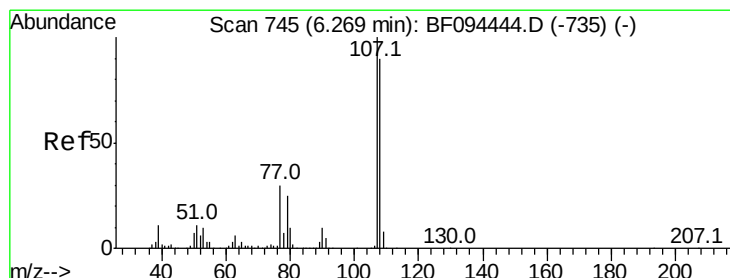
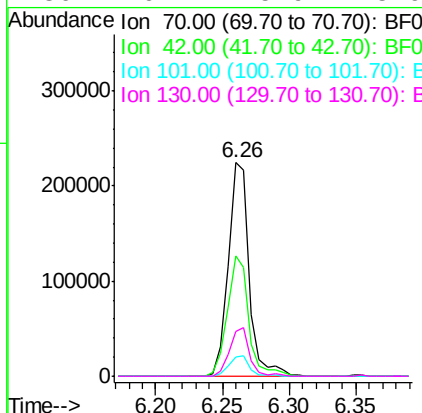
#19
n-Nitroso-di-n-propylamine
Concen: 40.40 ng
RT: 6.26 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.2	47.2	70.8	
101	9.2	7.2	10.8	
130	20.7	15.9	23.9	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

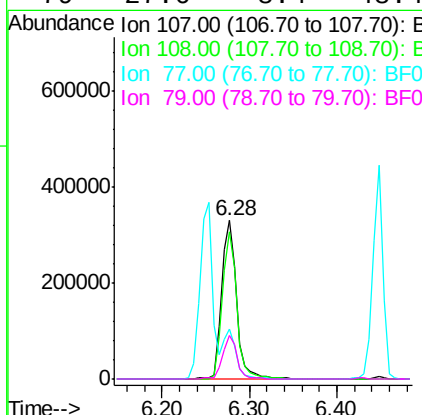
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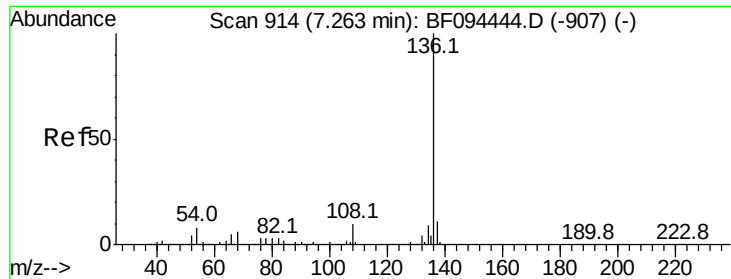
mohammad
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#20
3+4-Methylphenols
Concen: 40.86 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.1	71.0	111.0	
77	31.3	90.5	130.5#	
79	27.6	8.4	48.4	





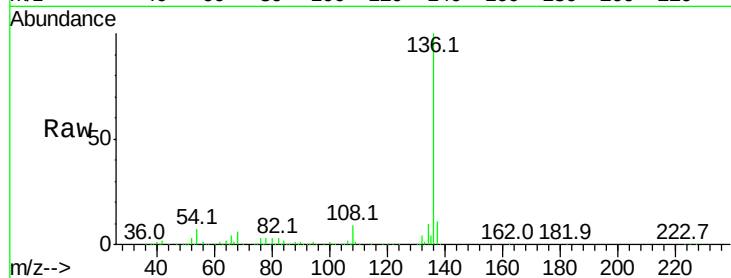
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

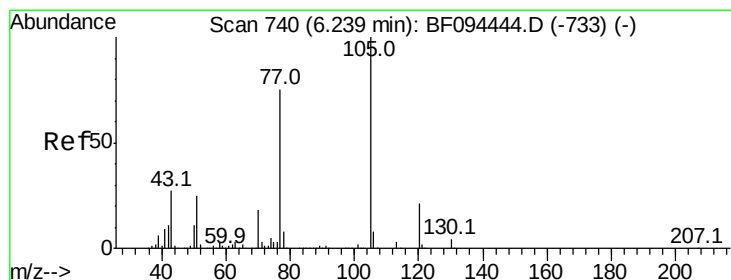
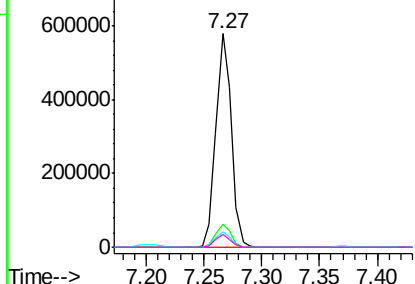
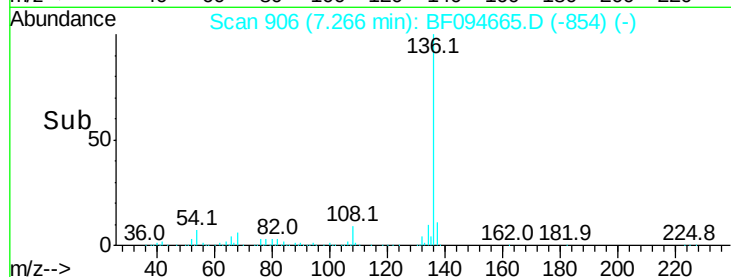
Tot Ion	Ratio	Resp	Lower	Upper
136	100	535387		
137	11.0		8.5	12.7
54	7.1		4.9	7.3
68	5.7		4.1	6.1

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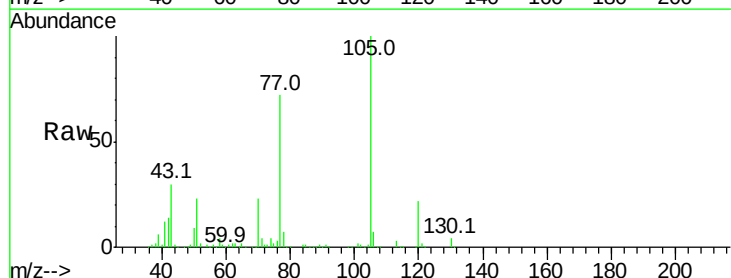


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

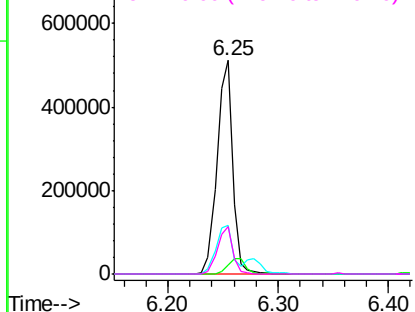
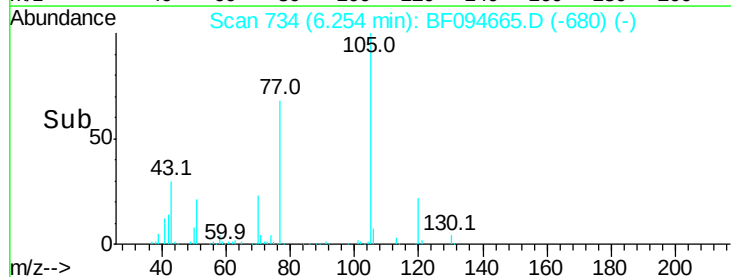


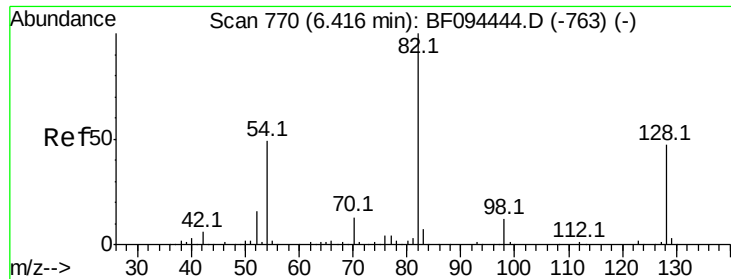
#22
Acetophenone
Concen: 38.74 ng
RT: 6.25 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	504328		
71	4.0		2.8	4.2
51	22.8		30.7	46.1#
120	22.3		17.4	26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





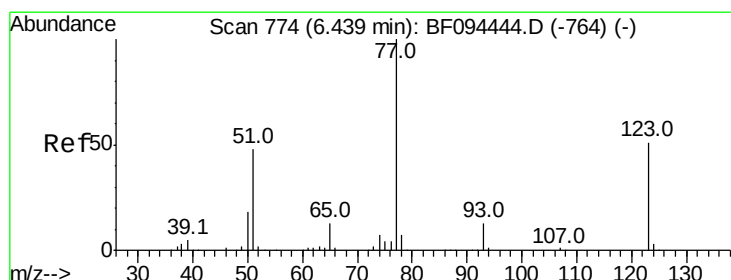
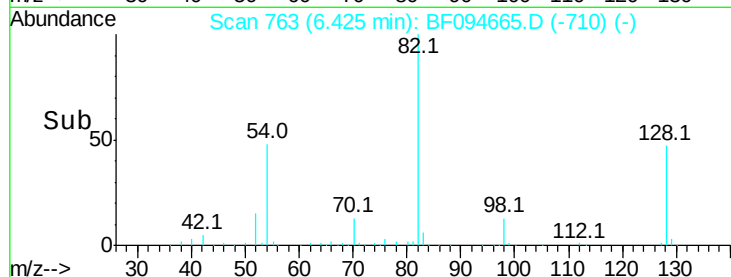
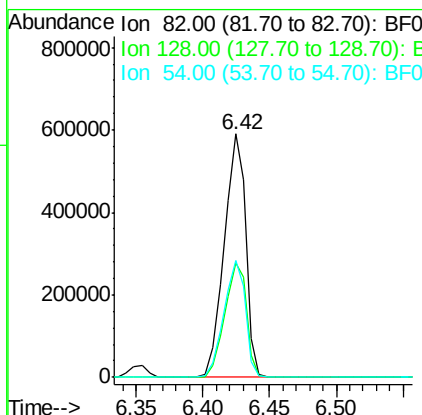
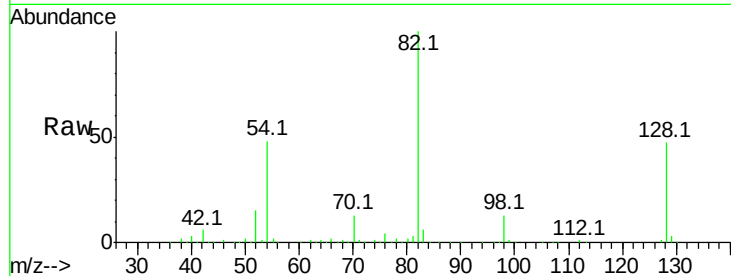
#23
 Nitrobenzene-d5
 Concen: 77.87 ng
 RT: 6.42 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	675199		
128	47.1		34.0	51.0
54	48.1		42.2	63.2

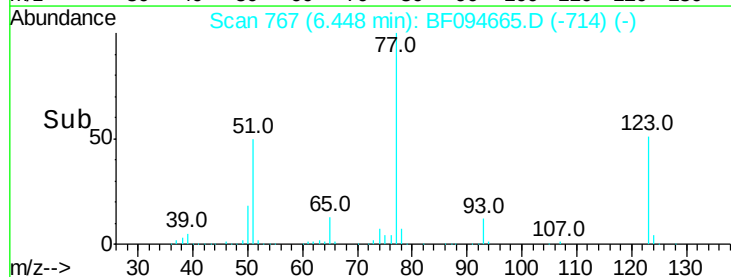
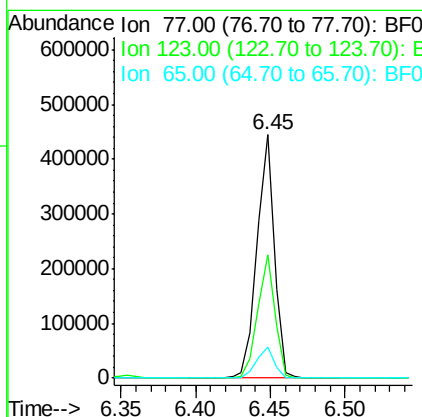
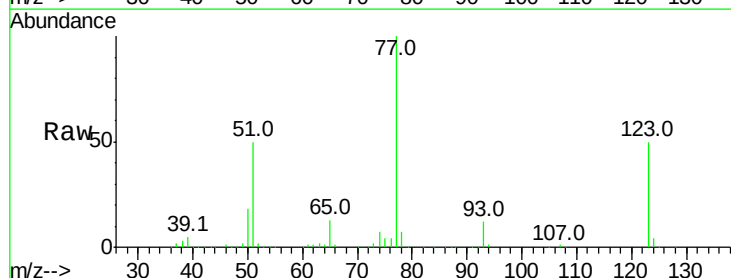
Manual Integrations
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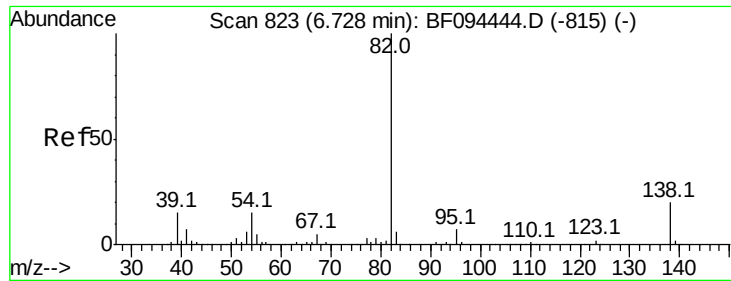
mohammad
 4/28/2017 3:00:32 PM



#24
 Nitrobenzene
 Concen: 38.87 ng
 RT: 6.45 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	354882		
123	50.5		35.8	53.8
65	12.8		10.6	15.8





#25

Isophorone

Concen: 40.61 ng

RT: 6.74 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF094665.D

Acq: 27 Apr 2017 14:02

Instrument :

BNA_F

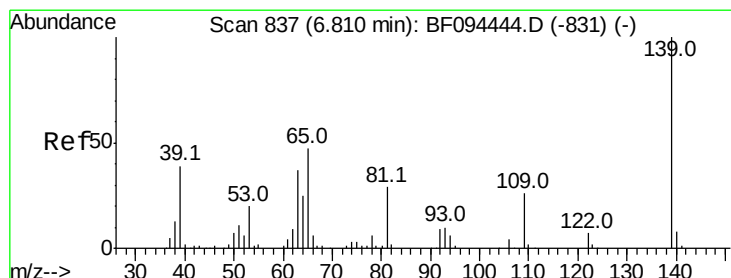
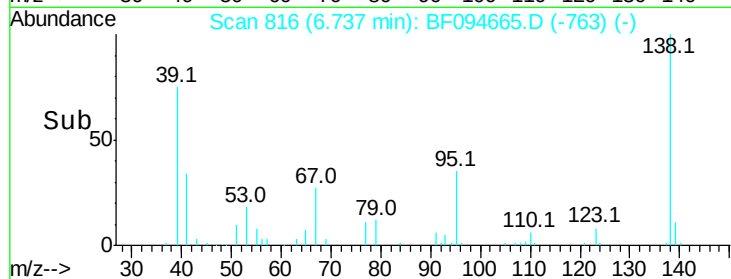
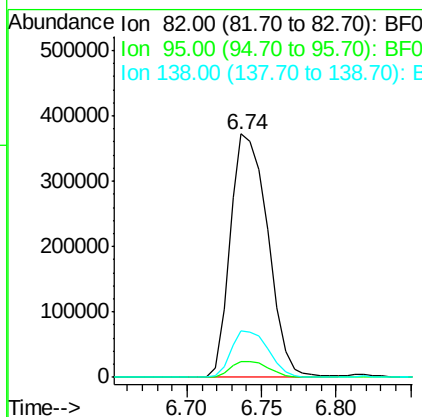
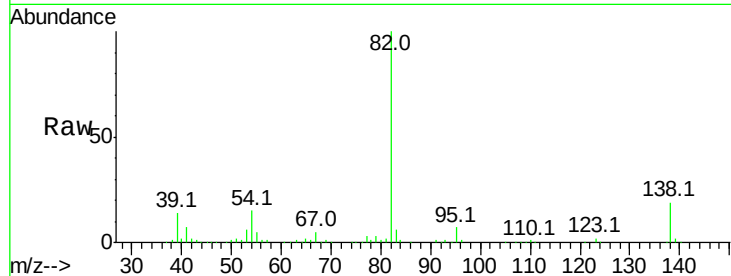
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	652729
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	18.9	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.88 ng

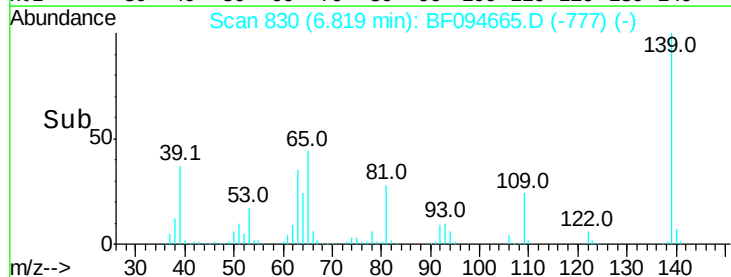
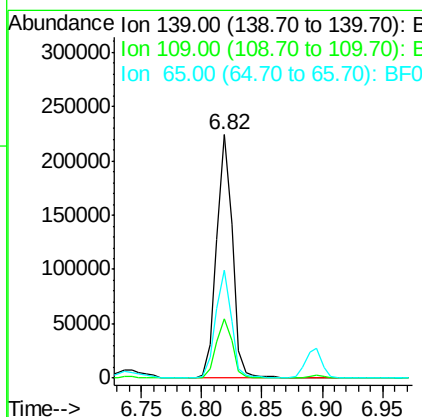
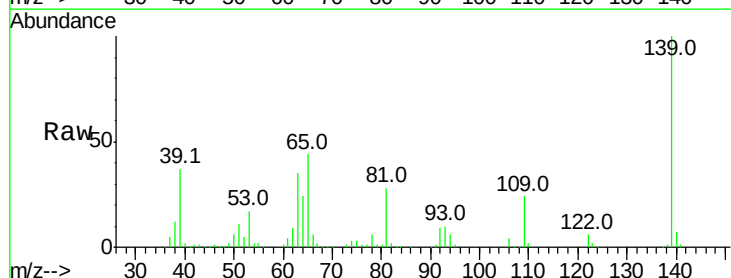
RT: 6.82 min Scan# 830

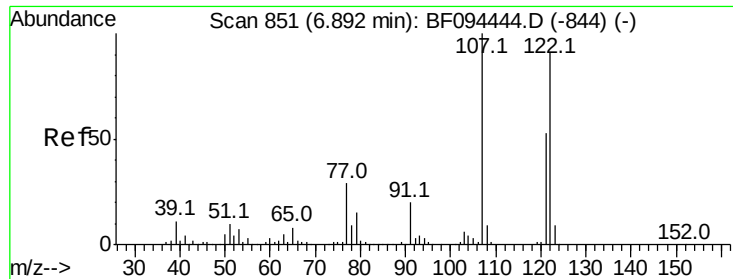
Delta R.T. 0.01 min

Lab File: BF094665.D

Acq: 27 Apr 2017 14:02

Tgt Ion:	139	Resp:	200522
Ion Ratio	Lower	Upper	
139	100		
109	24.3	21.0	31.6
65	44.4	33.0	49.6





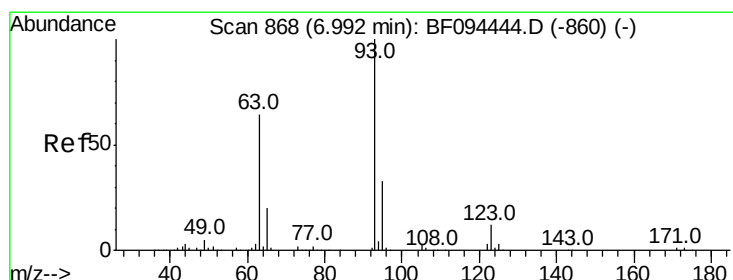
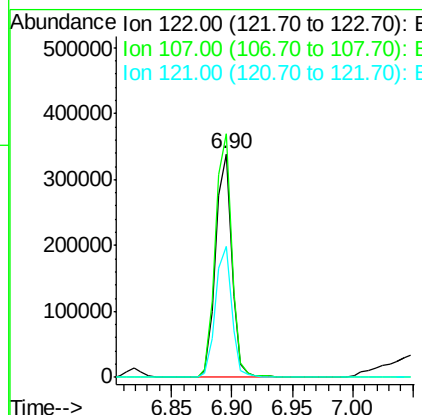
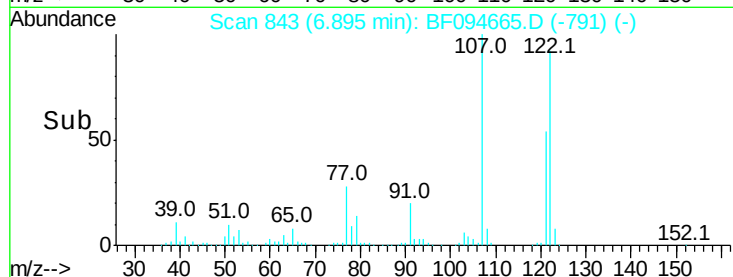
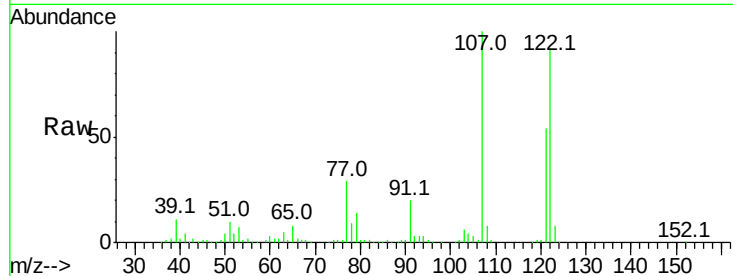
#27
2,4-Dimethylphenol
Concen: 39.32 ng
RT: 6.90 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.1	89.2	133.8
121	58.8	45.2	67.8

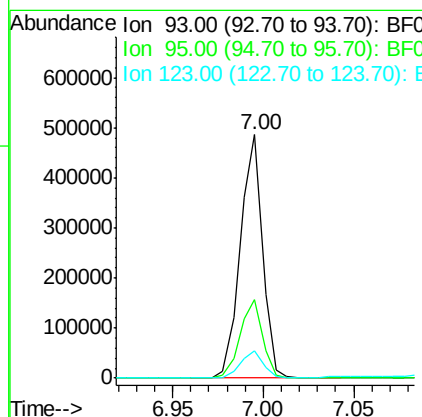
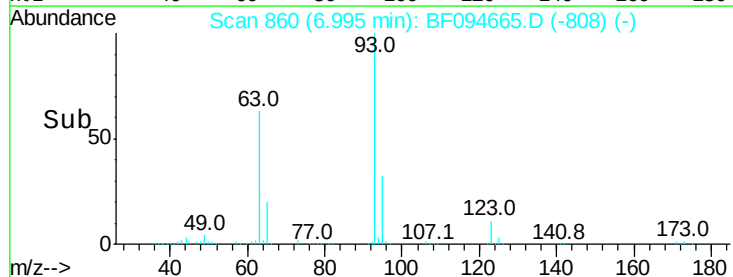
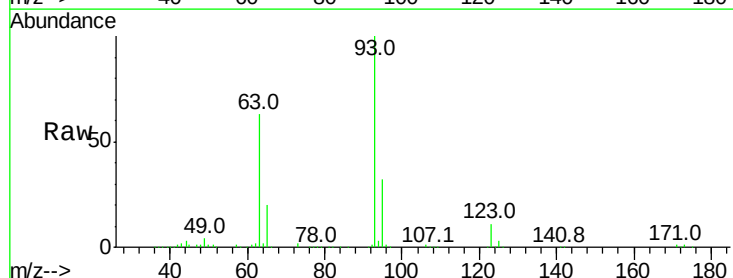
Manual Integrations
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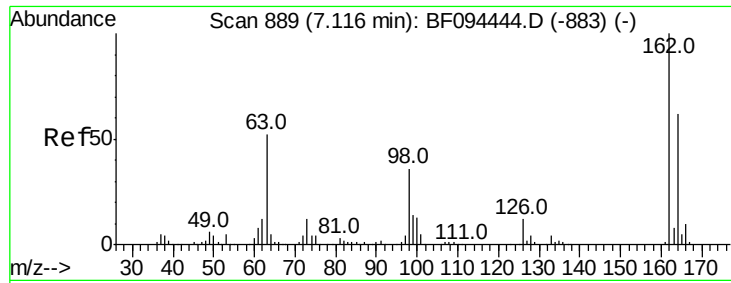
mohammad
4/28/2017 3:00:32 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.95 ng
RT: 7.00 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.5	39.7
123	11.0	9.0	13.4





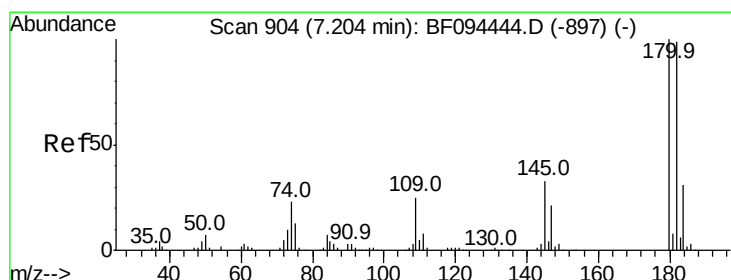
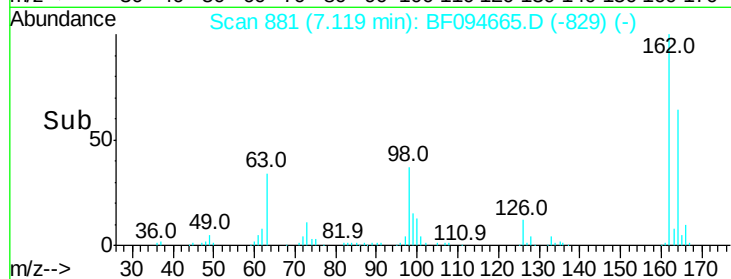
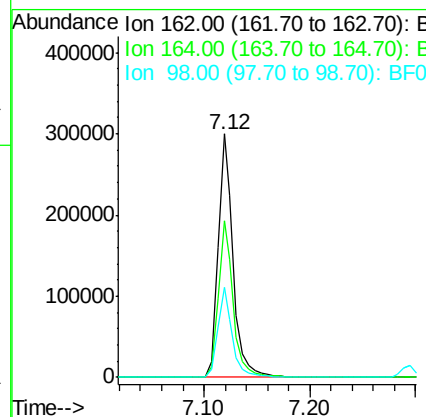
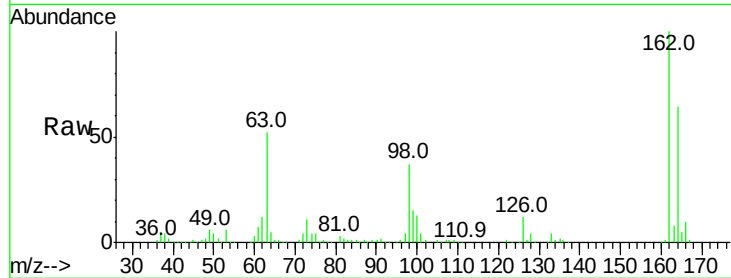
#29
 2,4-Dichlorophenol
 Concen: 40.69 ng
 RT: 7.12 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	301587
Ion Ratio	Lower	Upper	
162	100		
164	64.3	44.6	84.6
98	37.2	14.8	54.8

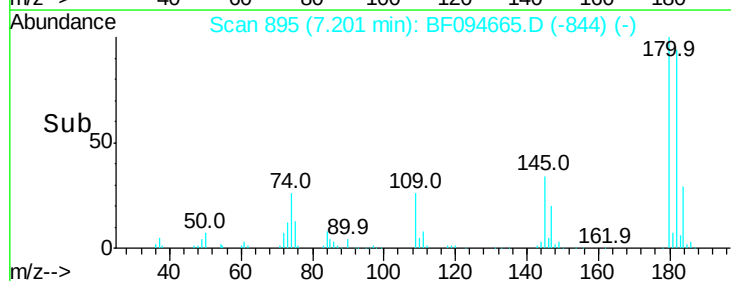
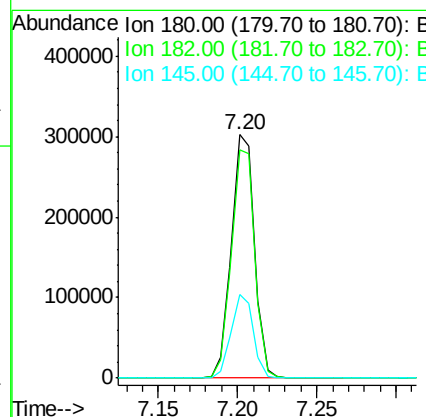
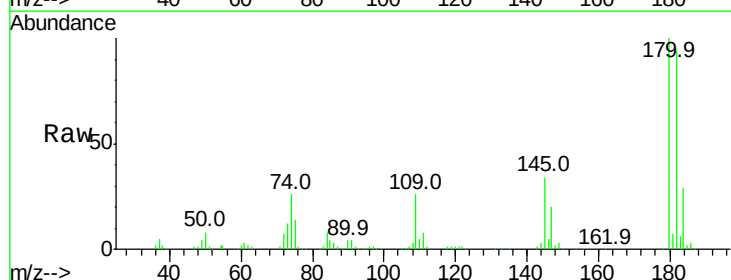
Manual Integrations
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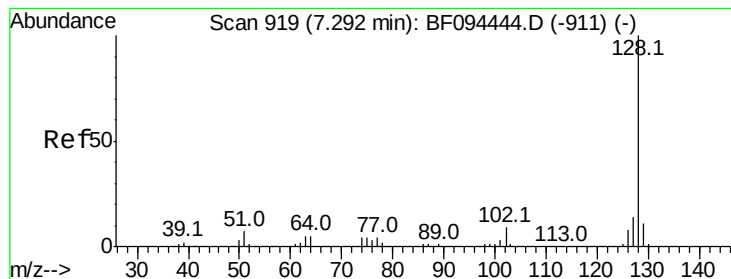
mohammad
 4/28/2017 3:00:32 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.87 ng
 RT: 7.20 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Tgt Ion:	180	Resp:	305534
Ion Ratio	Lower	Upper	
180	100		
182	93.5	75.8	113.6
145	34.1	25.3	37.9





#31

Naphthalene

Concen: 39.25 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF094665.D

Acq: 27 Apr 2017 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1010259

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

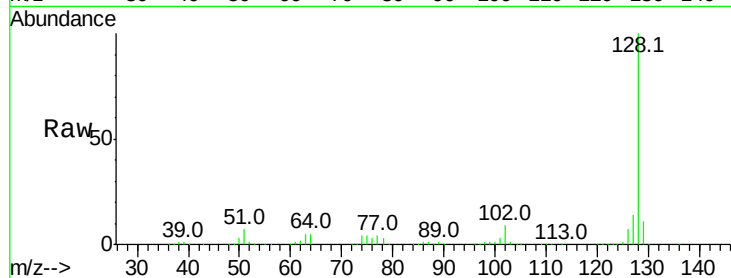
127 13.6 10.8 16.2

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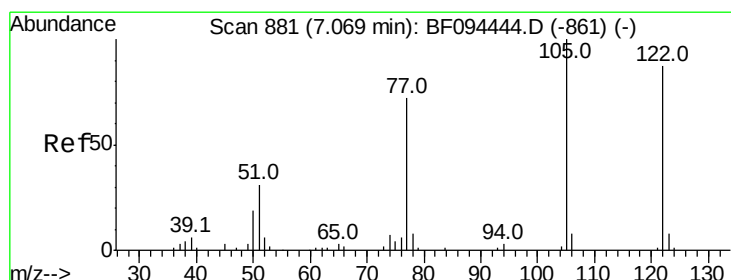
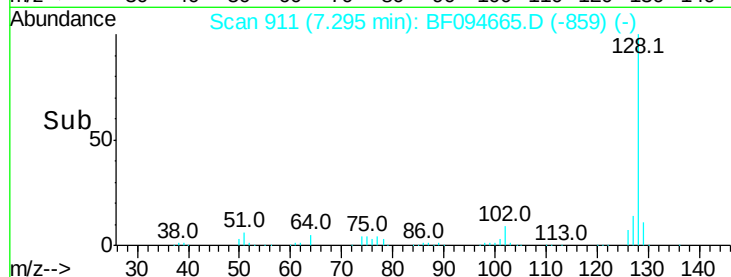
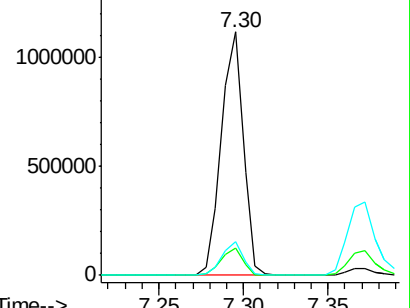
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.97 ng

RT: 7.09 min Scan# 876

Delta R.T. 0.02 min

Lab File: BF094665.D

Acq: 27 Apr 2017 14:02

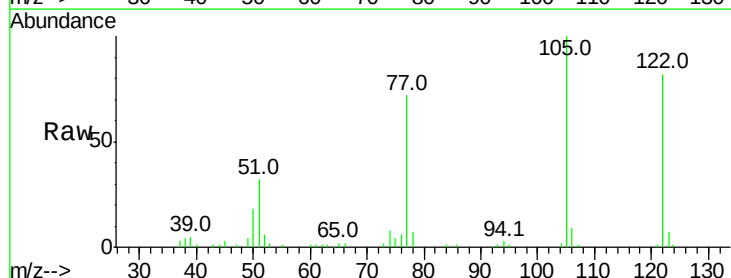
Tgt Ion:122 Resp: 189473

Ion Ratio Lower Upper

122 100

105 122.3 103.3 143.3

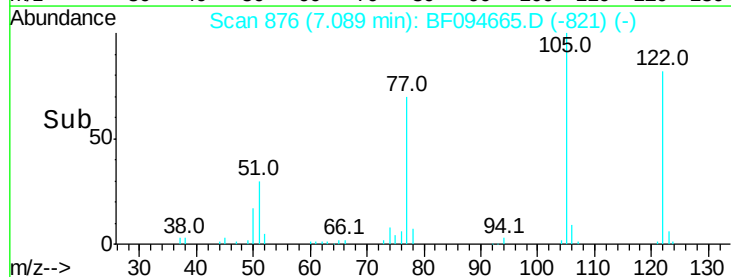
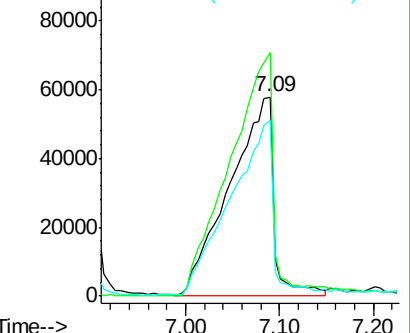
77 88.6 73.7 113.7

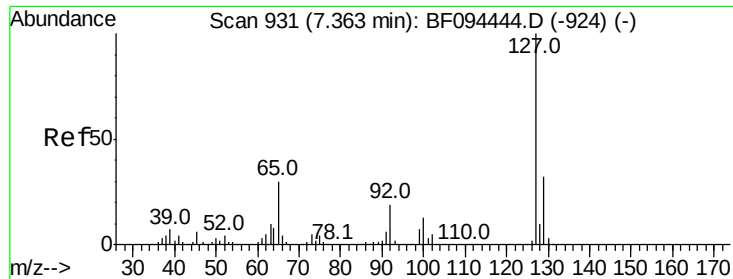


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





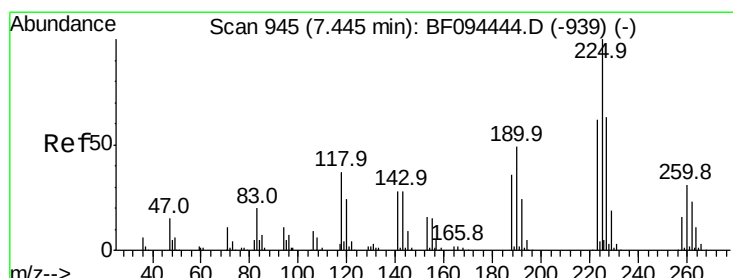
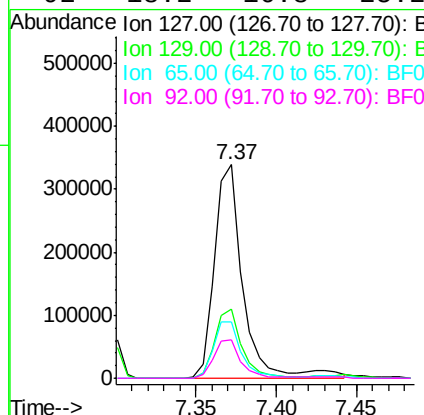
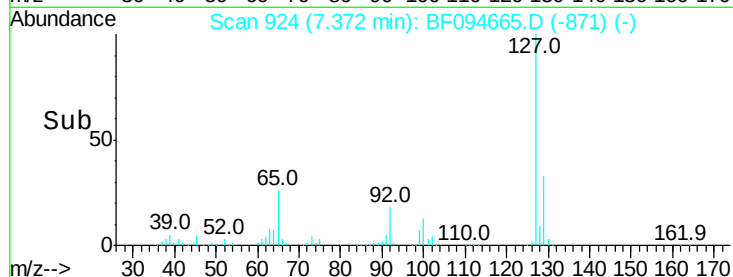
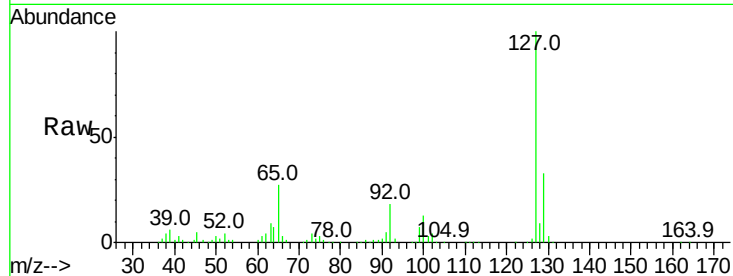
#33
4-Chloroaniline
Concen: 39.30 ng/ml
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	26.7	27.8	41.8
92	18.2	16.8	25.2

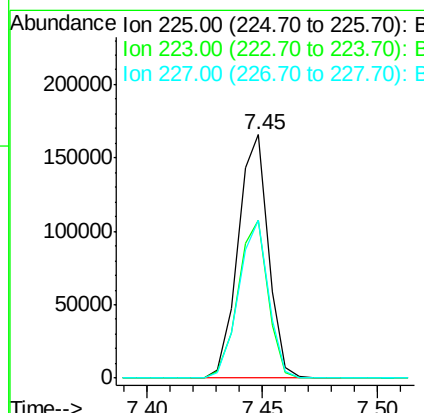
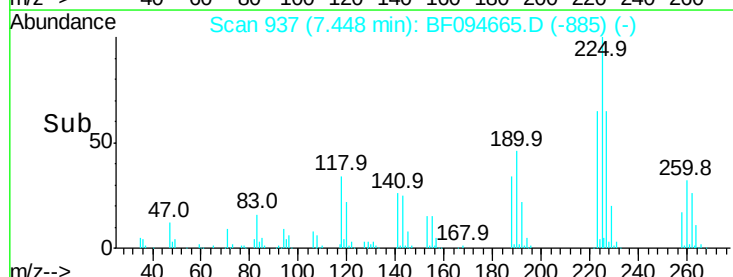
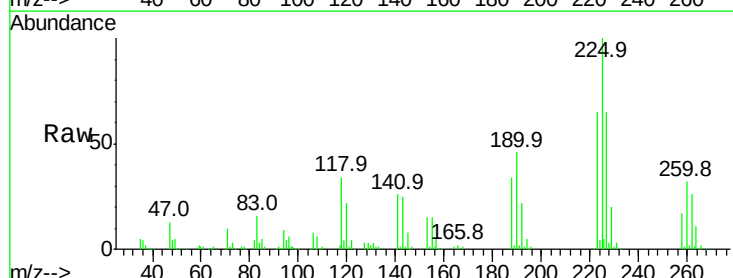
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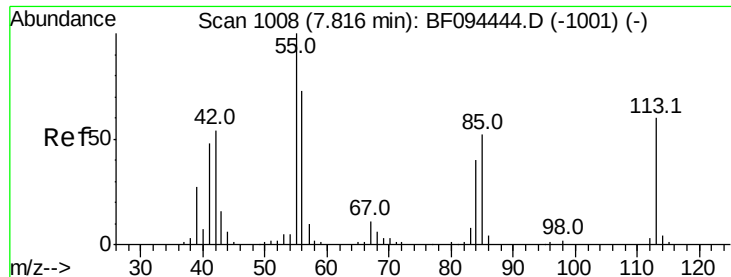
mohammad
4/28/2017 3:00:32 PM



#34
Hexachlorobutadiene
Concen: 39.67 ng/ml
RT: 7.45 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	48.8	73.2
227	64.7	51.1	76.7





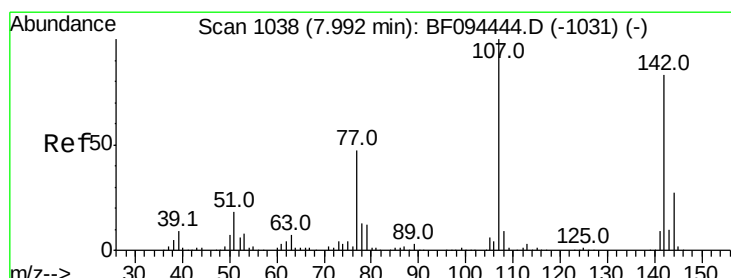
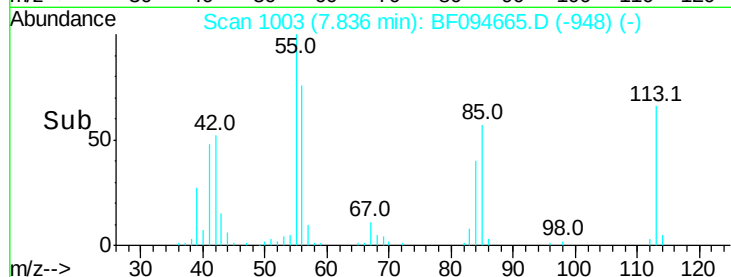
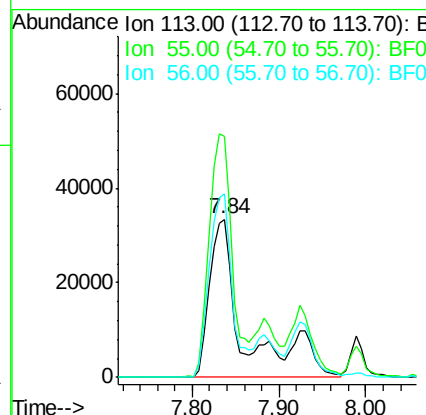
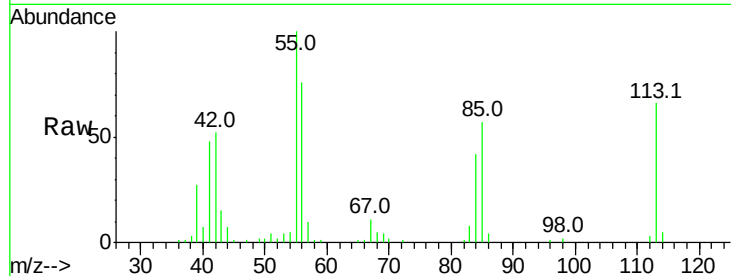
#35
 Caprolactam
 Concen: 39.56 ng/ml
 RT: 7.84 min Scan# 1003
 Delta R.T. 0.02 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	152.4	150.2	190.2
56	115.7	107.8	147.8

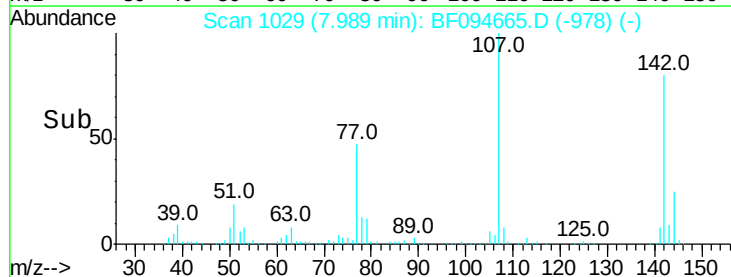
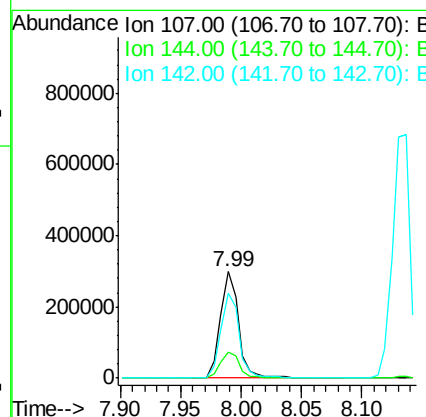
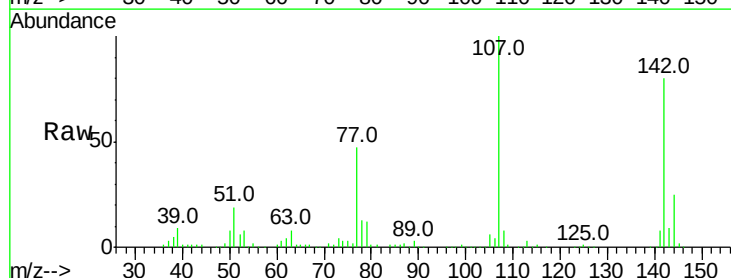
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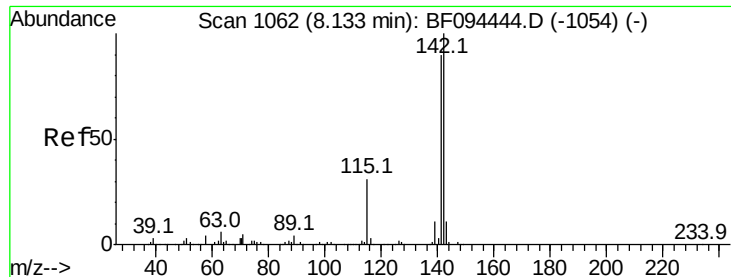
mohammad
 4/28/2017 3:00:32 PM



#36
 4-Chloro-3-methylphenol
 Concen: 39.98 ng/ml
 RT: 7.99 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	24.2	36.4
142	80.3	73.4	110.0





#37

2-Methylnaphthalene

Concen: 39.93 ng

RT: 8.14 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF094665.D

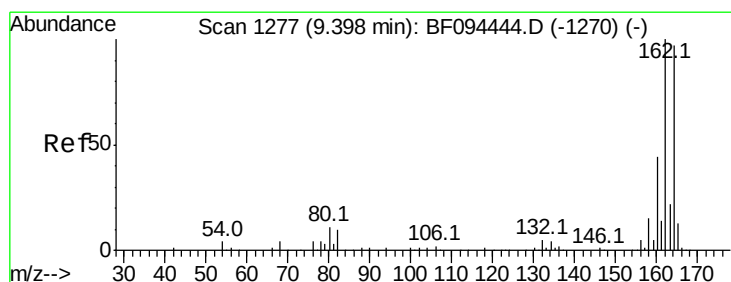
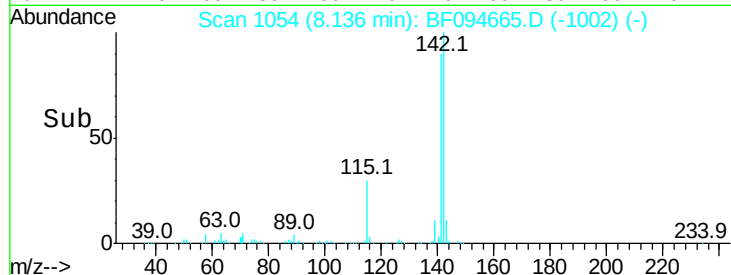
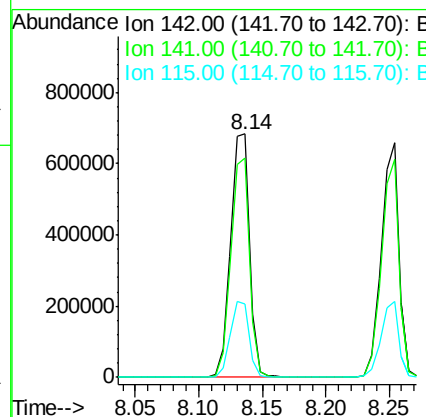
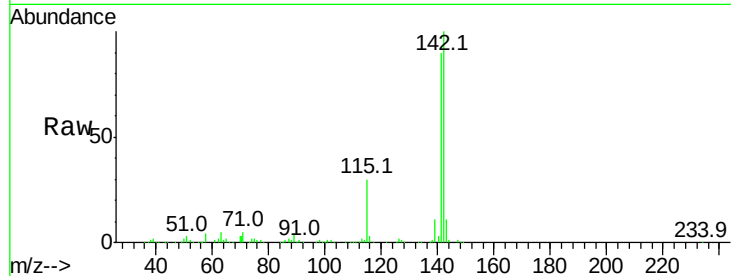
Acq: 27 Apr 2017 14:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.3	106.9
115	30.2	27.1	40.7

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4/28/2017 3:00:32 PM



#38

Acenaphthene-d10

Concen: 20.00 ng

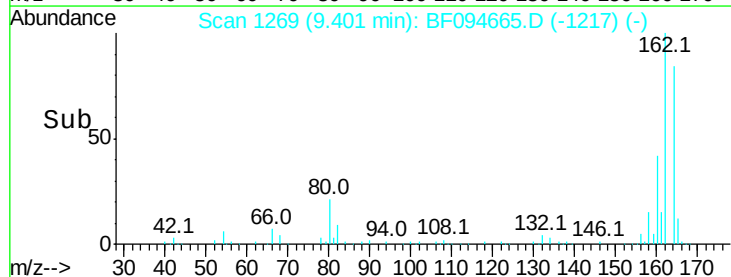
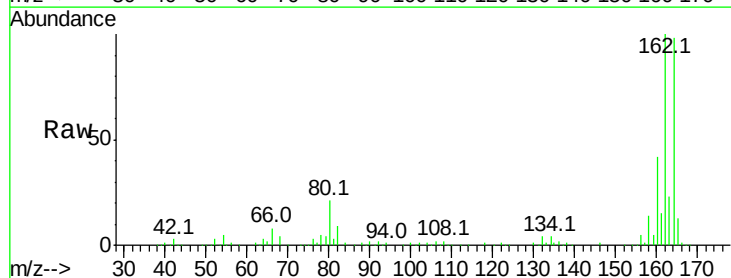
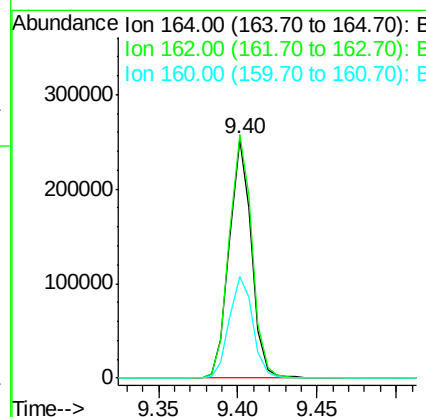
RT: 9.40 min Scan# 1269

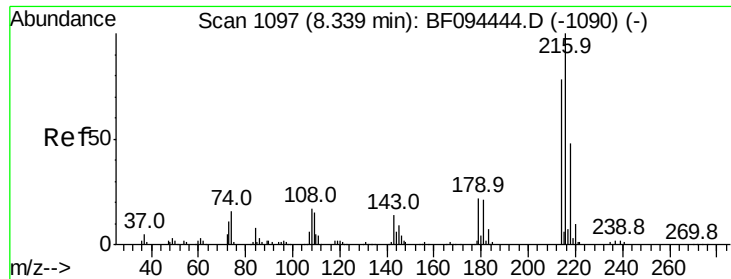
Delta R.T. 0.00 min

Lab File: BF094665.D

Acq: 27 Apr 2017 14:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	42.5	36.2	54.2





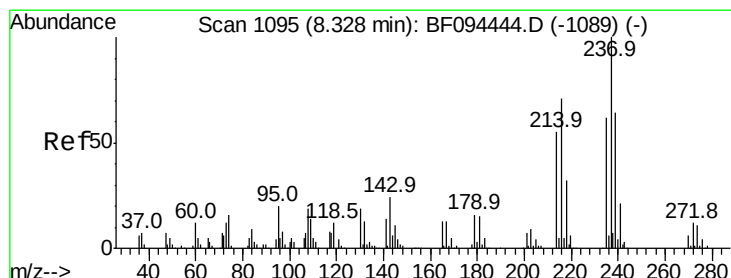
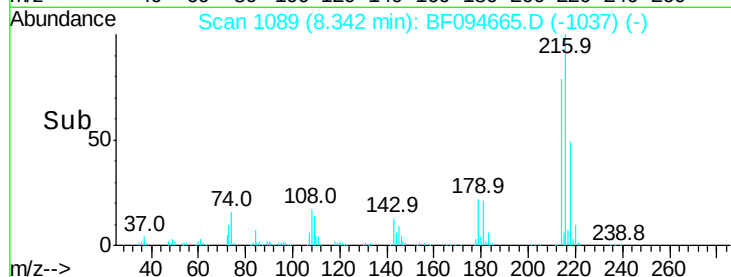
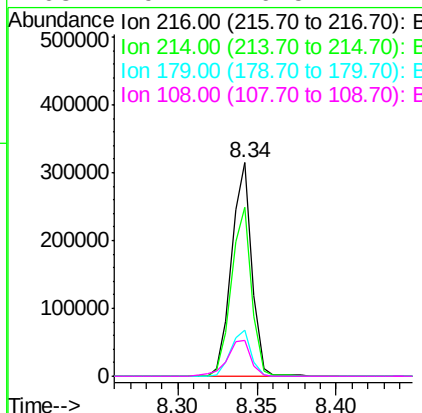
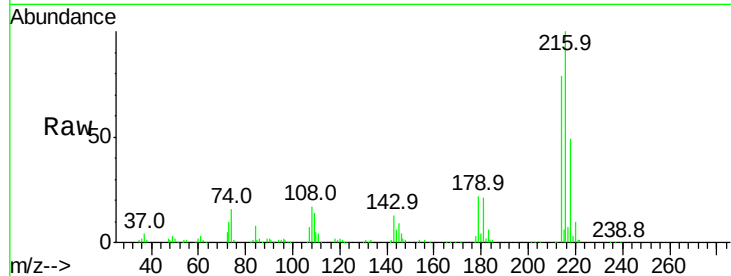
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.16 ng
 RT: 8.34 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	279282		
214	79.1		63.4	95.2
179	21.8		17.9	26.9
108	19.4		16.5	24.7

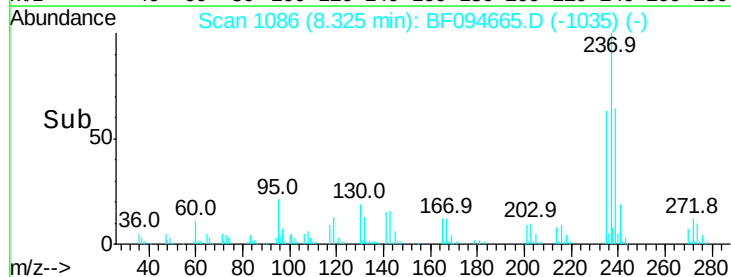
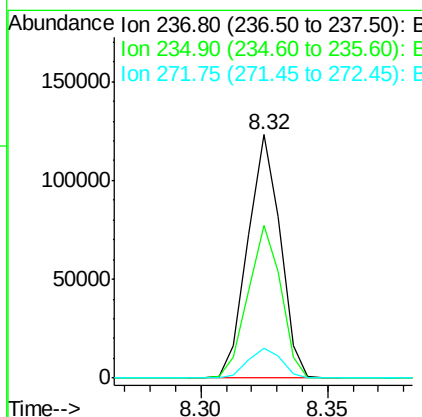
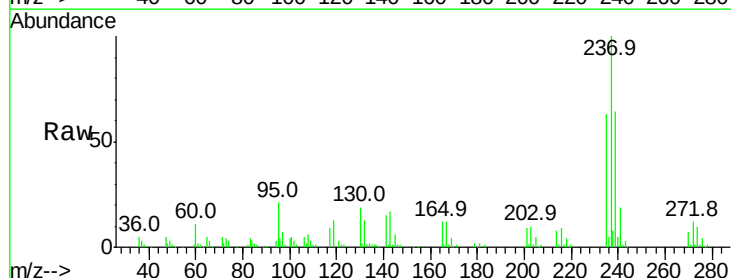
Manual Integrations
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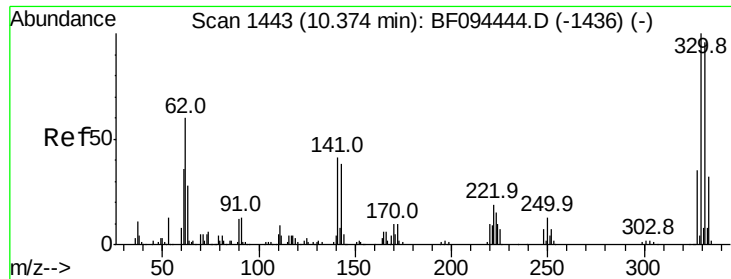
mohammad
 4/28/2017 3:00:32 PM



#40
 Hexachlorocyclopentadiene
 Concen: 39.16 ng
 RT: 8.32 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	110182		
235	62.8		42.6	82.6
272	12.5		0.0	31.9





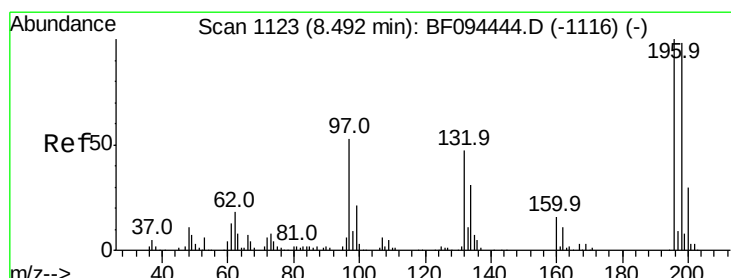
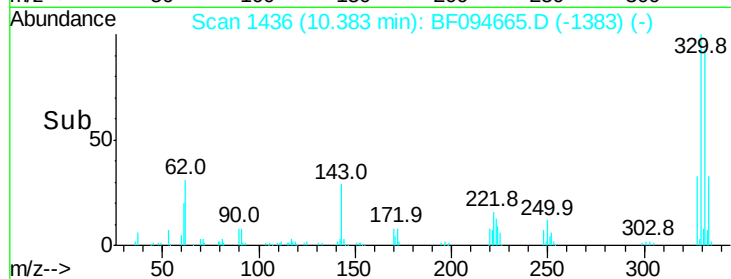
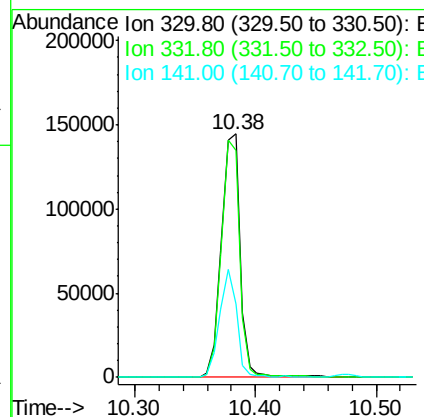
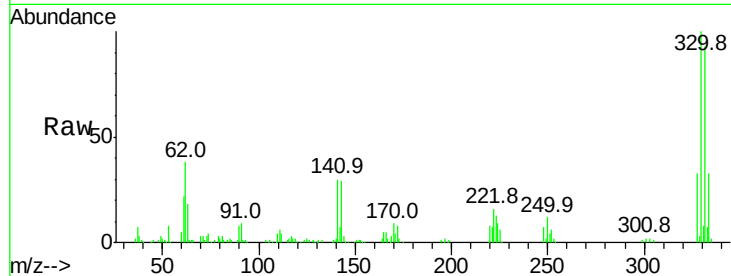
#41
 2,4,6-Tribromophenol
 Concen: 81.41 ng
 RT: 10.38 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	155527		
332	95.0	76.6	115.0	
141	40.0	31.4	47.2	

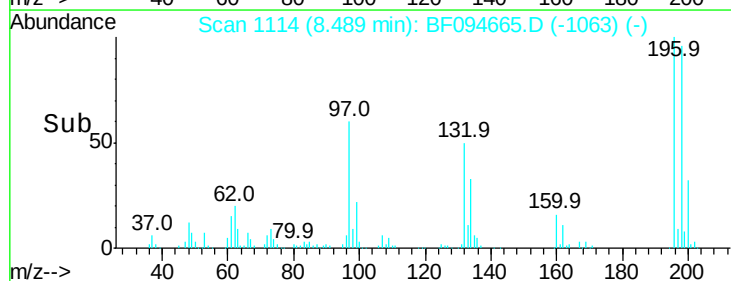
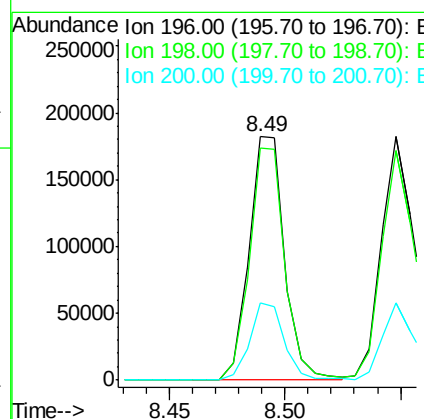
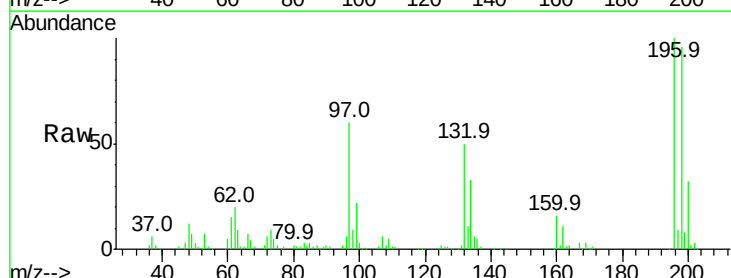
Manual Integrations
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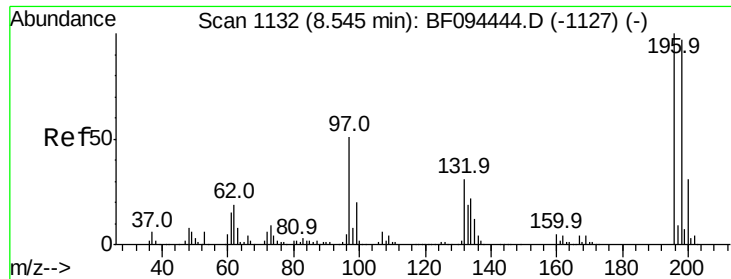
mohammad
 4/28/2017 3:00:32 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.08 ng
 RT: 8.49 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	195743		
198	95.5	74.2	111.4	
200	31.5	24.0	36.0	





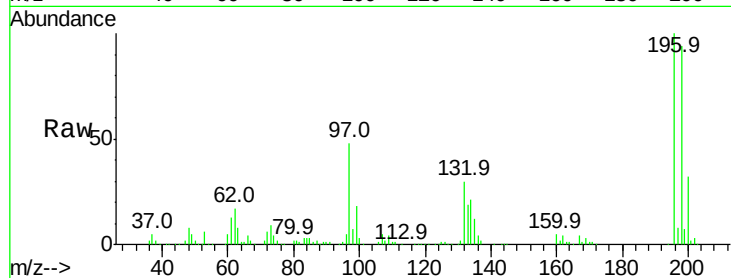
#43
 2,4,5-Trichlorophenol
 Concen: 40.91 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	196	Resp	205191
Ion Ratio	Lower	Upper	
196	100		
198	94.2	75.7	113.5
97	48.4	47.7	71.5
132	30.3	28.0	42.0

Manual Integrations
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 4/28/2017 3:00:32 PM



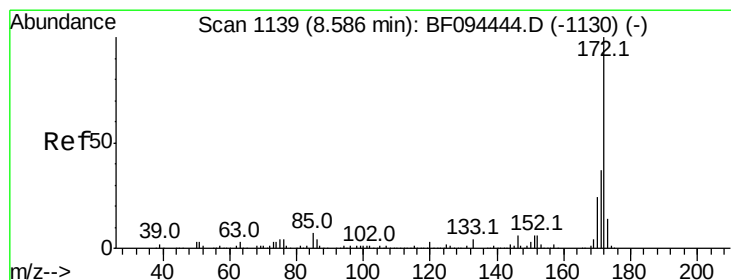
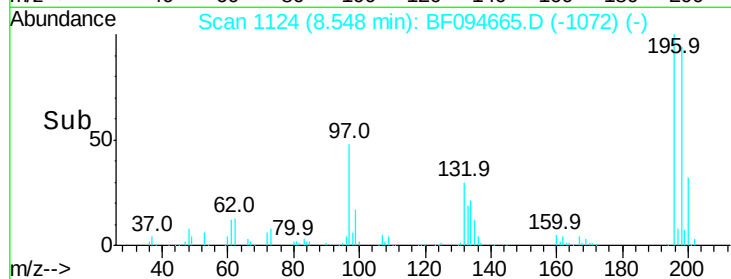
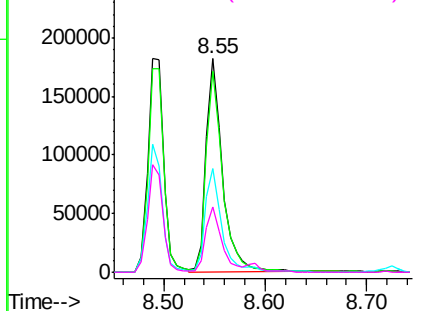
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.02 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

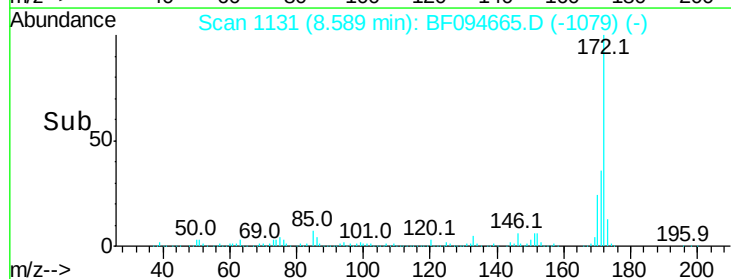
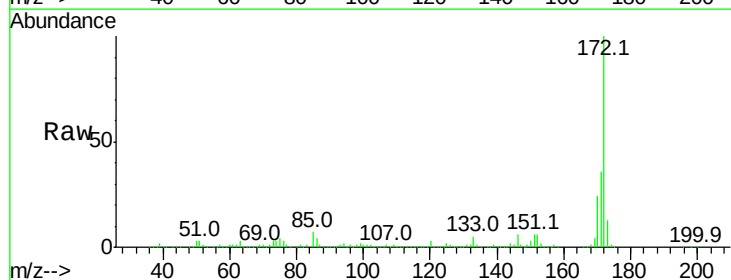
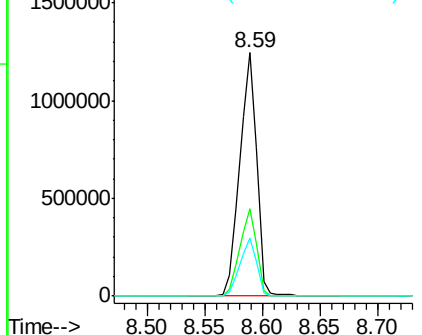
Tgt Ion	172	Resp	1278559
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.6	44.4
170	23.7	19.8	29.8

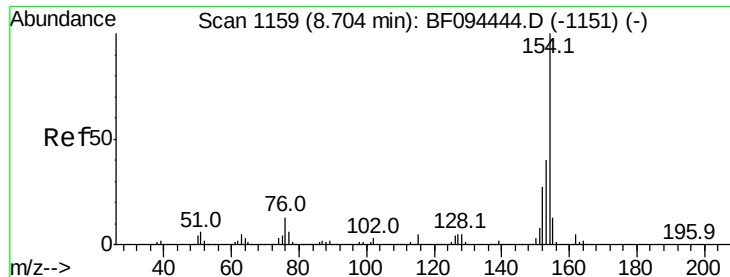
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





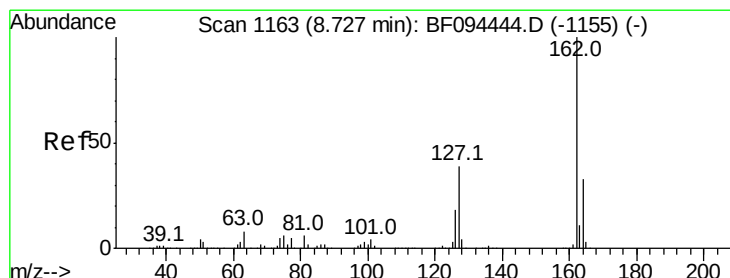
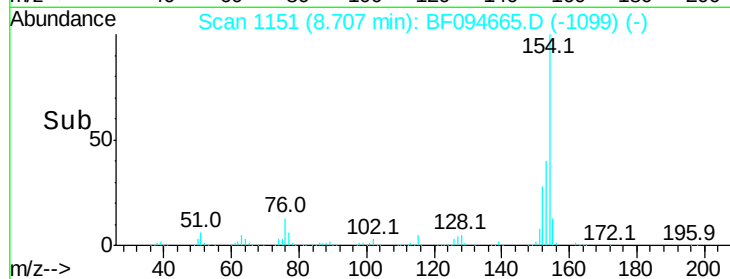
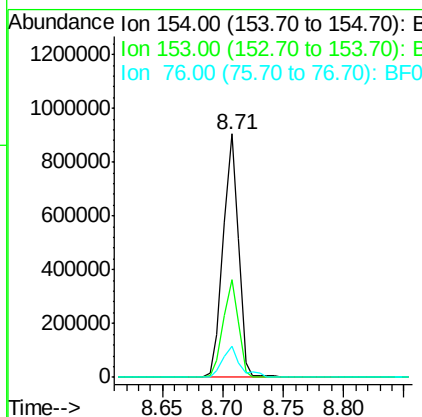
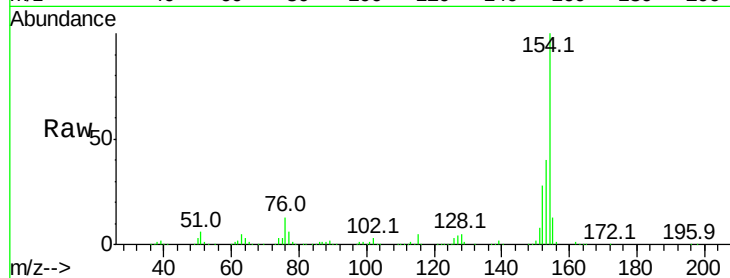
#45
 1,1'-Biphenyl
 Concen: 40.00 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.2	21.2	61.2	
76	12.7	0.0	29.9	

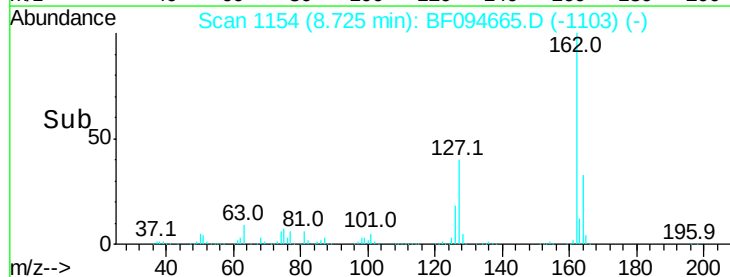
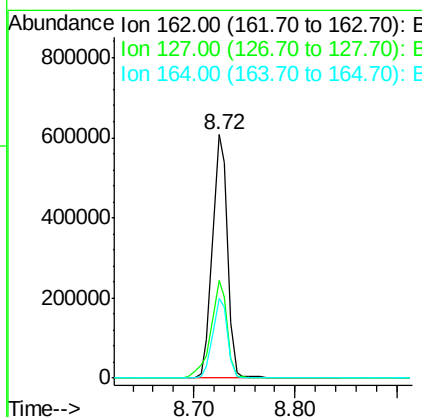
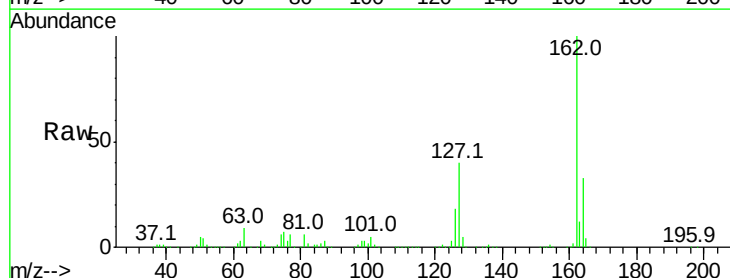
Manual Integrations
 APPROVED

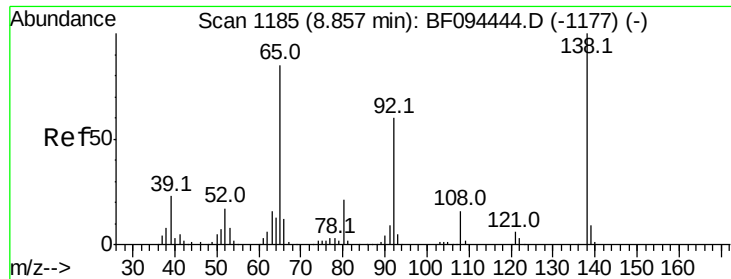
mohammad
 4/28/2017 3:00:32 PM



#46
 2-Chloronaphthalene
 Concen: 39.70 ng
 RT: 8.72 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.2	28.3	42.5	
164	32.5	27.0	40.4	





#47

2-Nitroaniline

Concen: 38.74 ng

RT: 8.87 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BF094665.D

Acq: 27 Apr 2017 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 65 Resp: 176829

Ion Ratio Lower Upper

65 100

92 72.7 53.9 80.9

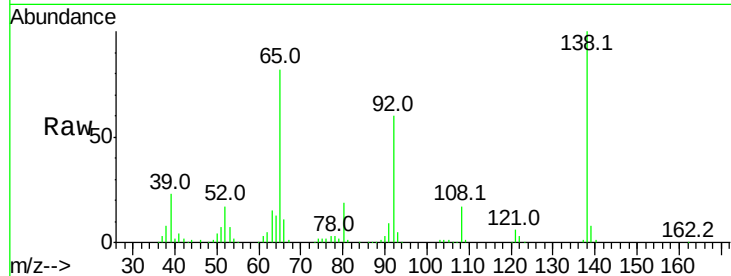
138 121.6 78.8 118.2#

Manual Integrations

APPROVED

mohammad

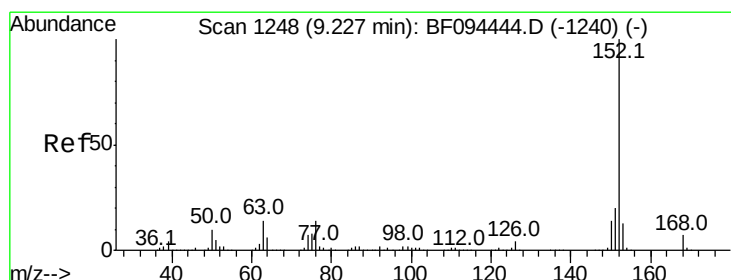
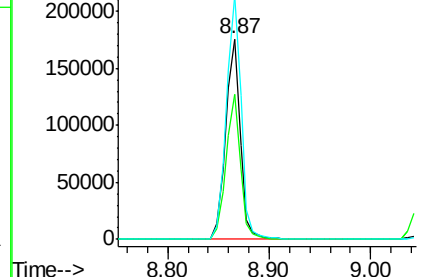
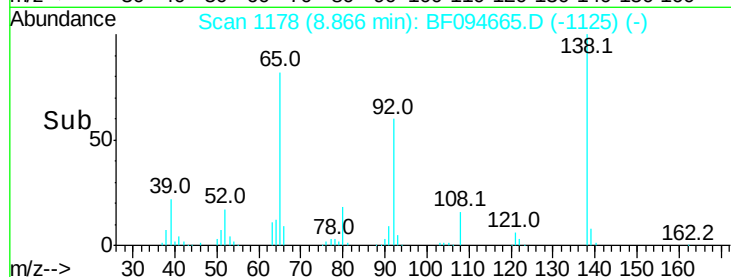
4/28/2017 3:00:32 PM



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 39.71 ng

RT: 9.23 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BF094665.D

Acq: 27 Apr 2017 14:02

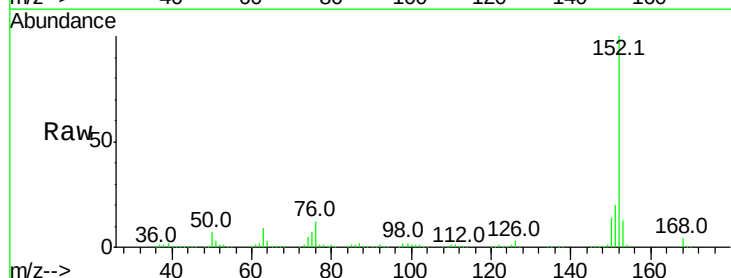
Tgt Ion:152 Resp: 982266

Ion Ratio Lower Upper

152 100

151 20.3 16.8 25.2

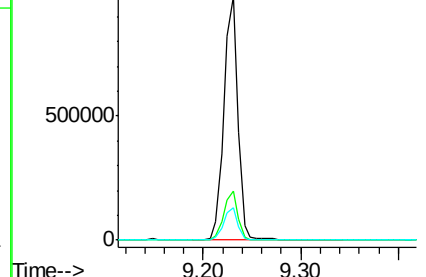
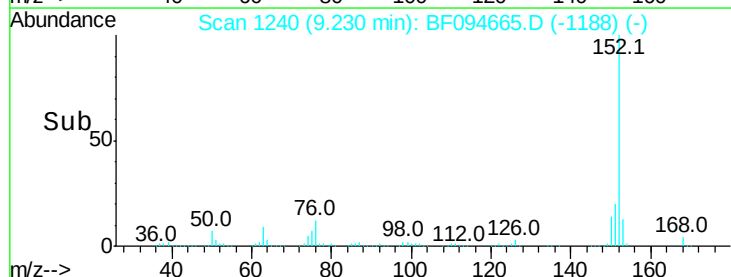
153 13.3 10.8 16.2

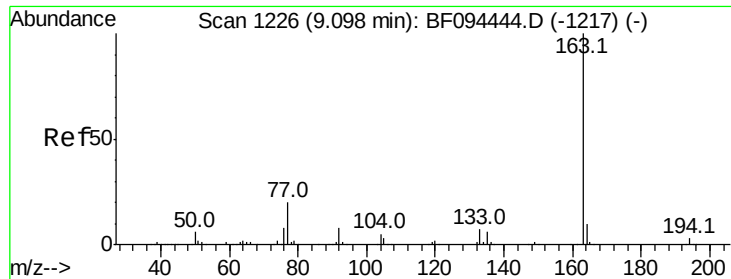


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





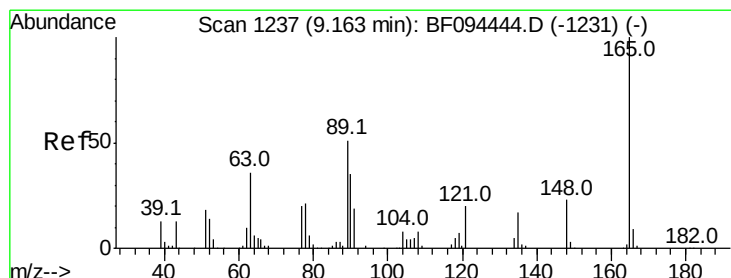
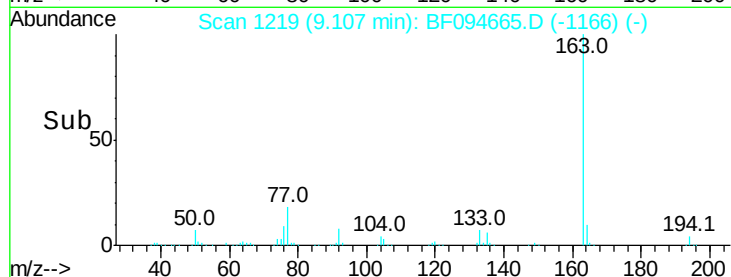
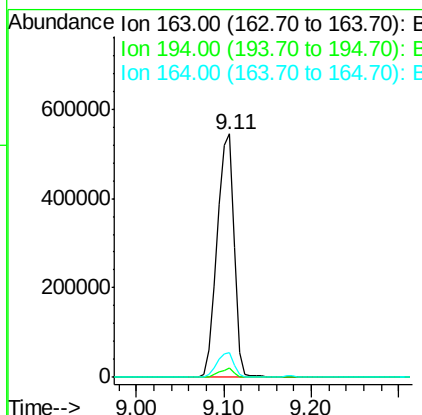
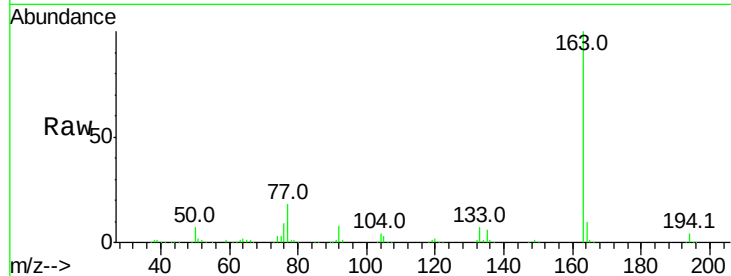
#49
Dimethylphthalate
Concen: 40.75 ng
RT: 9.11 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	741780		
194	3.7		2.6	4.0
164	10.0		8.4	12.6

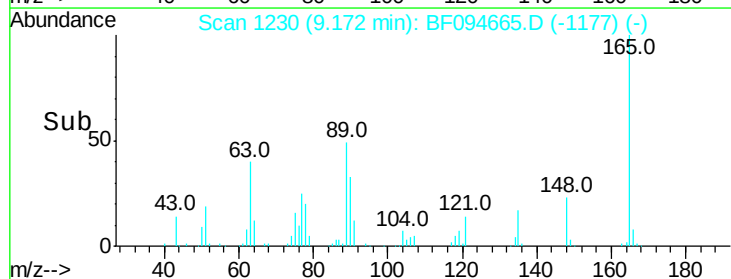
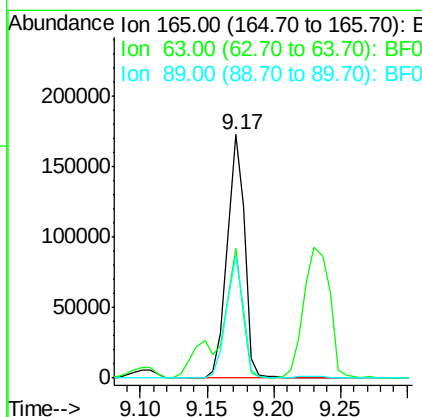
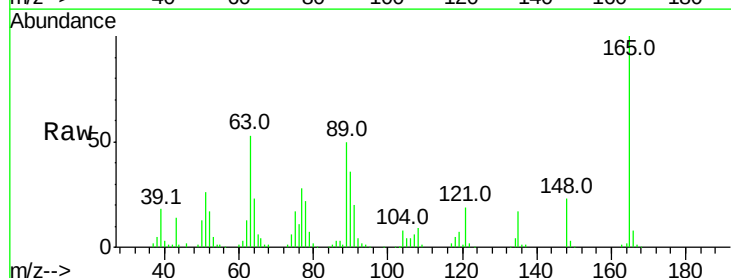
Manual Integrations
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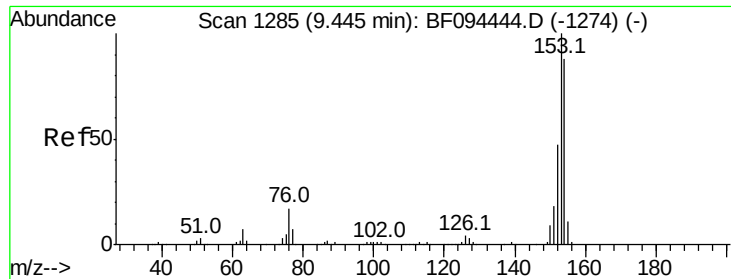
mohammad
4/28/2017 3:00:32 PM



#50
2,6-Dinitrotoluene
Concen: 39.40 ng
RT: 9.17 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	160976		
63	53.5		34.3	51.5#
89	50.0		37.1	55.7





#51

Acenaphthene

Concen: 39.14 ng

RT: 9.44 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF094665.D

Acq: 27 Apr 2017 14:02

Instrument :

BNA_F

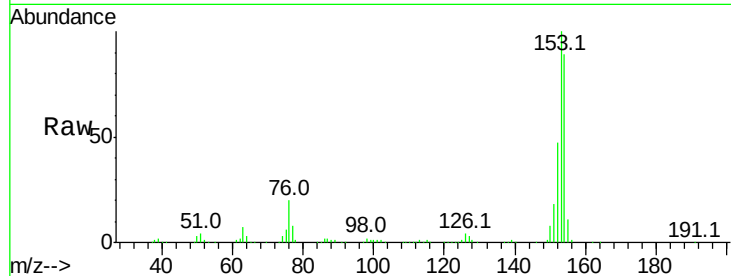
ClientSampleId :

SSTDCCC040

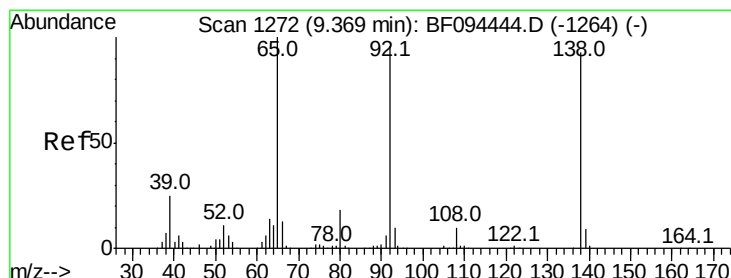
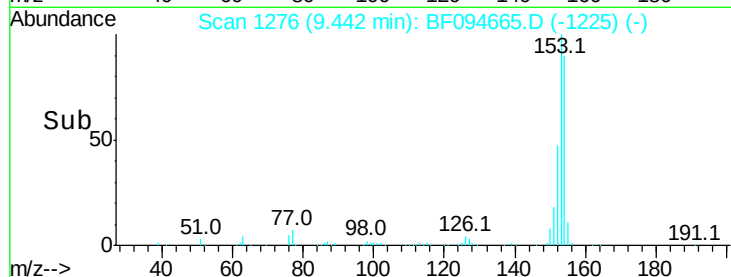
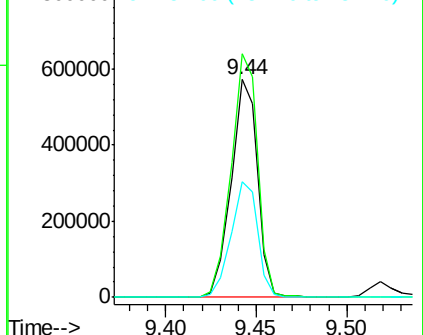
Tot Ion:	154	Resp:	579822
Ion Ratio	Lower	Upper	
154	100		
153	111.7	90.5	135.7
152	53.0	43.6	65.4

Manual Integrations
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mohammad
4/28/2017 3:00:32 PM



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



#52

3-Nitroaniline

Concen: 36.30 ng

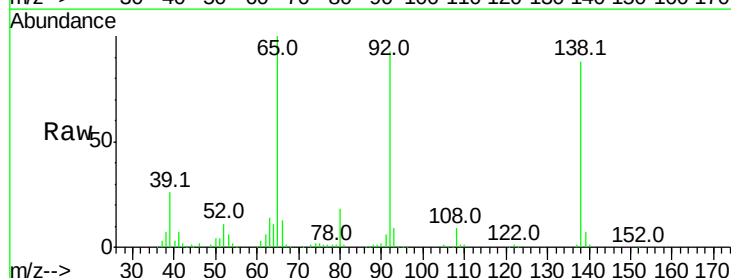
RT: 9.38 min Scan# 1265

Delta R.T. 0.01 min

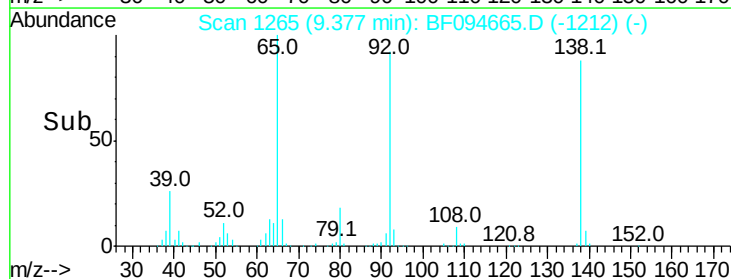
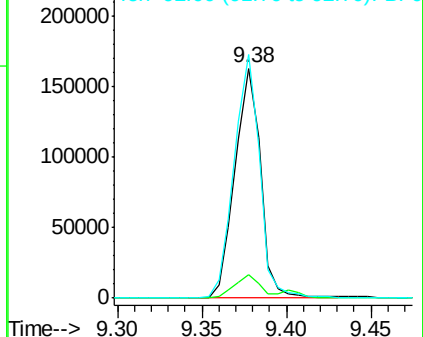
Lab File: BF094665.D

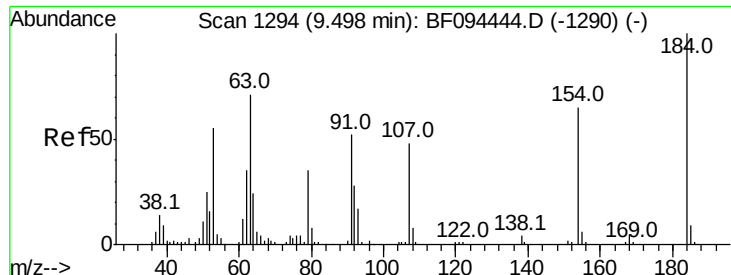
Acq: 27 Apr 2017 14:02

Tgt Ion:	138	Resp:	171595
Ion Ratio	Lower	Upper	
138	100		
108	10.3	9.1	13.7
92	106.0	93.8	140.6



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





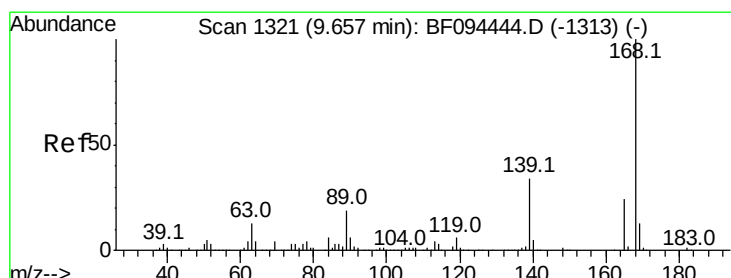
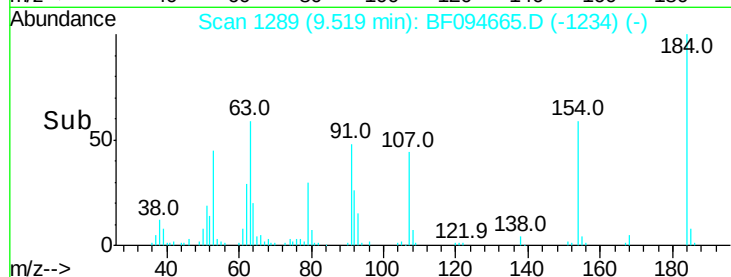
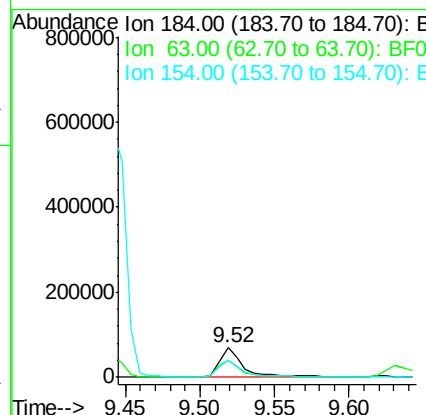
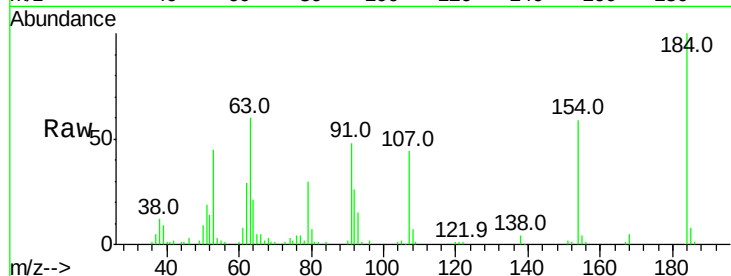
#53
 2,4-Dinitrophenol
 Concen: 38.71 ng
 RT: 9.52 min Scan# 1289
 Delta R.T. 0.02 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	59.9	62.7	94.1#
154	59.1	81.1	121.7#

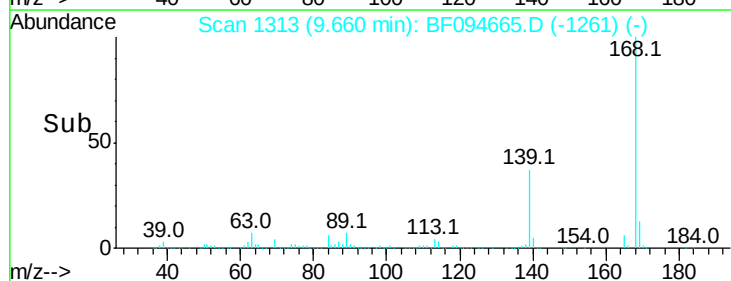
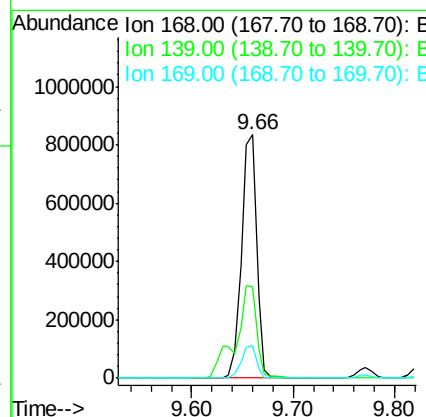
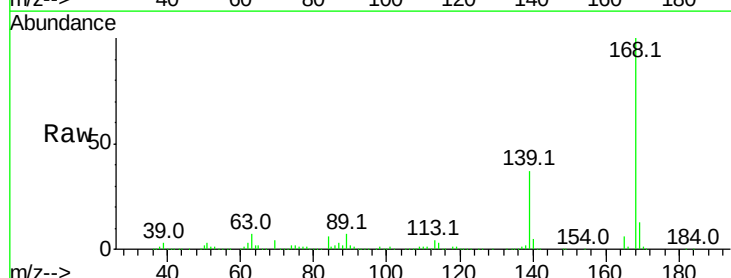
Manual Integrations
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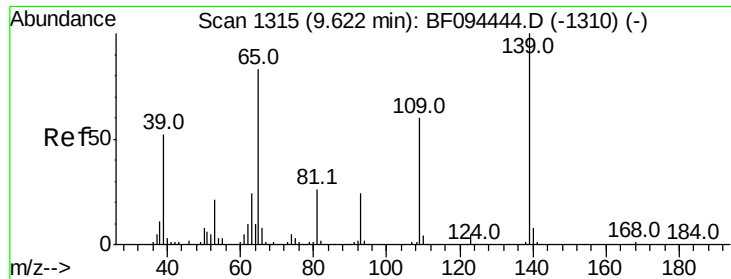
mohammad
 4/28/2017 3:00:32 PM



#54
 Dibenzofuran
 Concen: 40.34 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.6	45.8
169	13.2	10.8	16.2





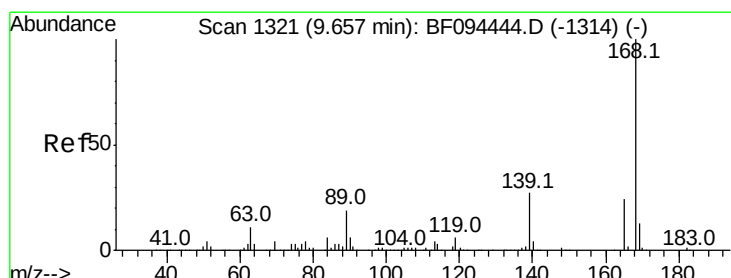
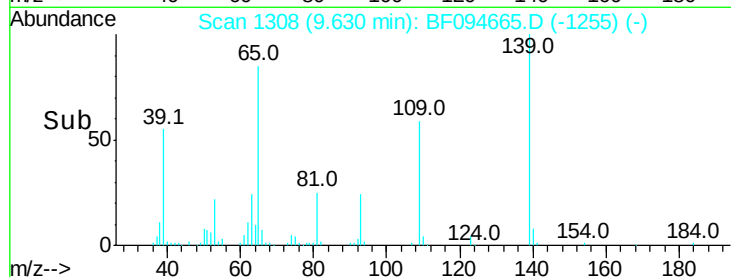
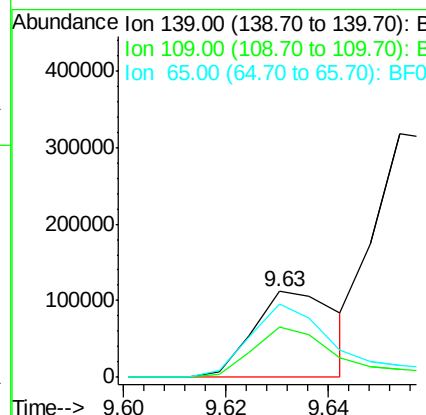
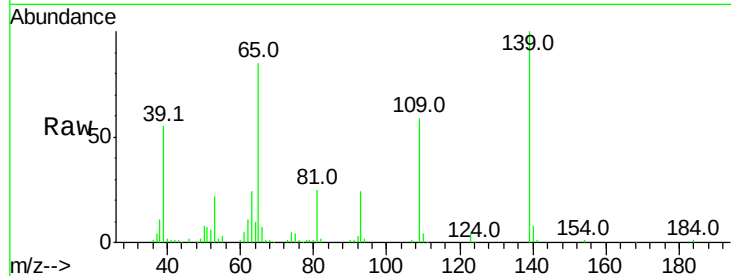
#55
4-Nitrophenol
Concen: 38.35 ng/ml
RT: 9.63 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	59.3	34.1	74.1
65	85.3	31.4	71.4

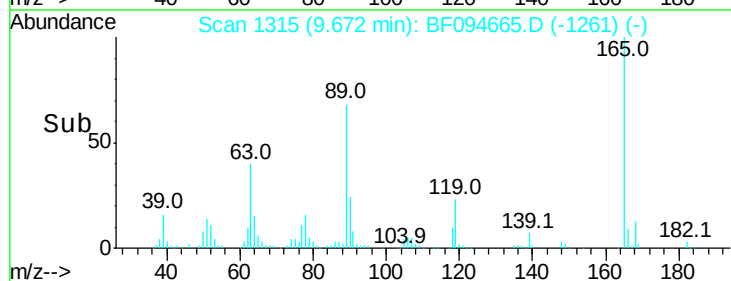
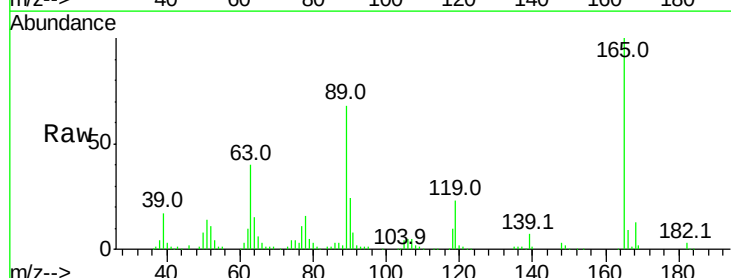
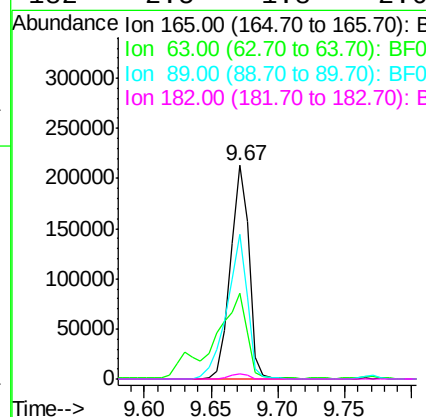
Manual Integrations
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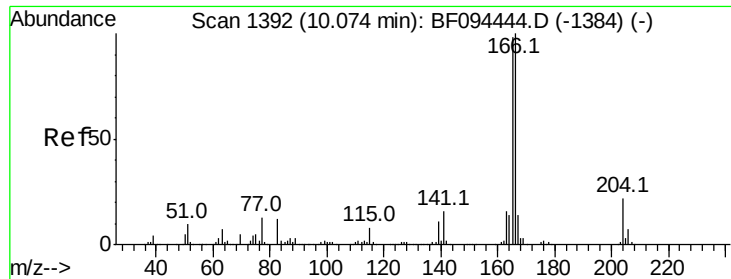
mohammad
4/28/2017 3:00:32 PM



#56
2,4-Dinitrotoluene
Concen: 41.82 ng/ml
RT: 9.67 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.0	25.4	38.0
89	67.9	46.4	69.6
182	2.5	1.8	2.6





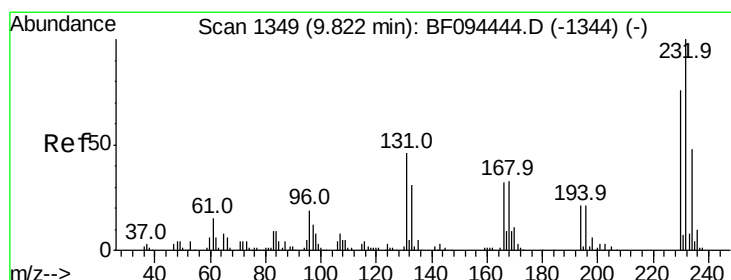
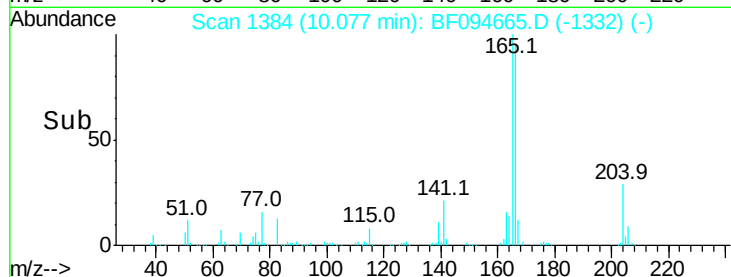
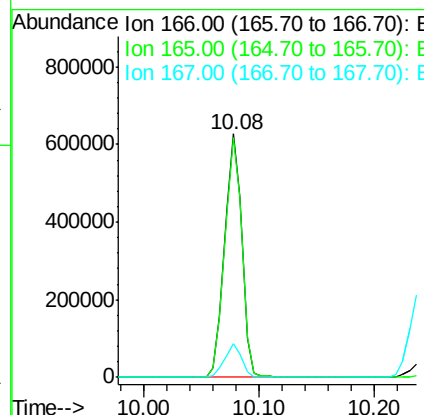
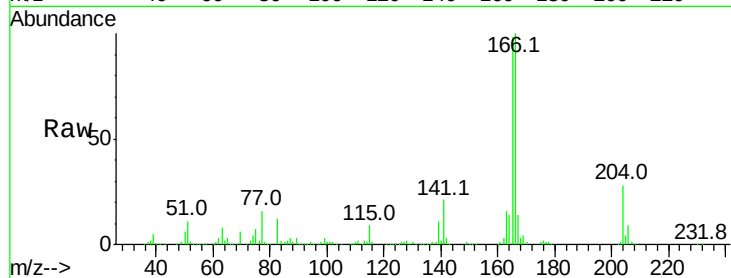
#57
 Fluorene
 Concen: 38.91 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.8	118.2
167	13.6	10.6	16.0

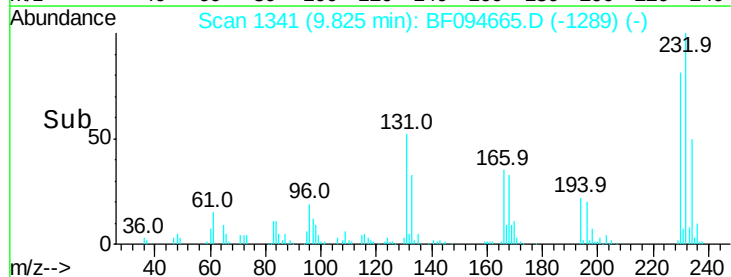
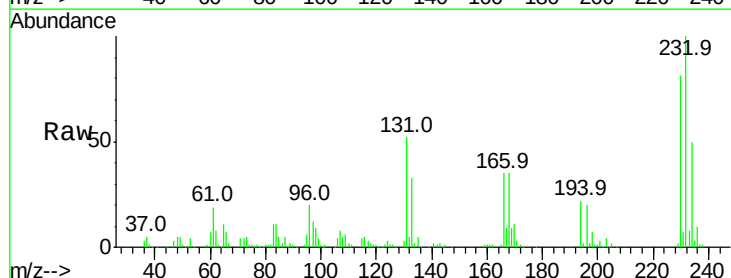
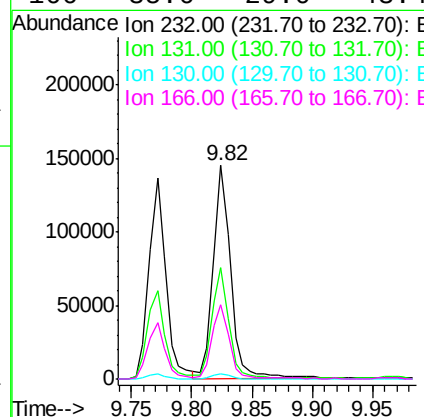
Manual Integrations
 APPROVED

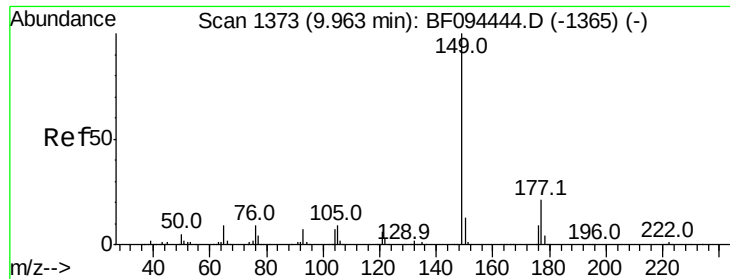
mohammad
 4/28/2017 3:00:32 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.65 ng
 RT: 9.82 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.0	44.8	67.2
130	2.5	2.3	3.5
166	35.6	29.0	43.4





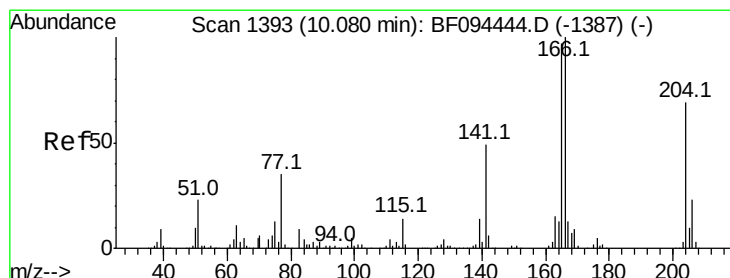
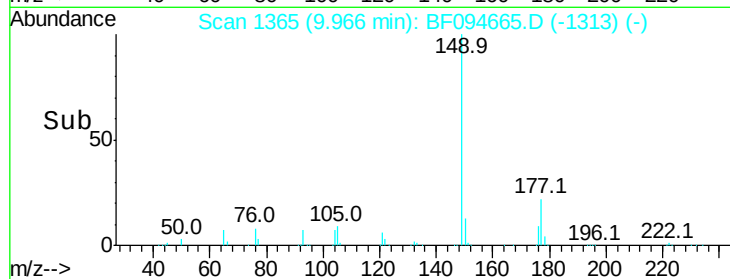
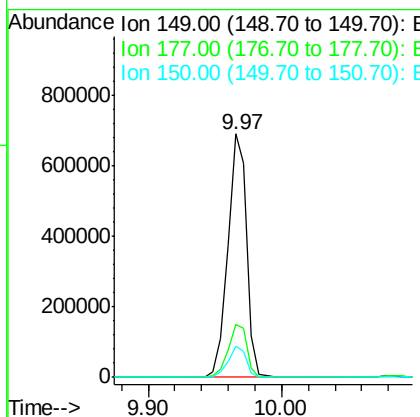
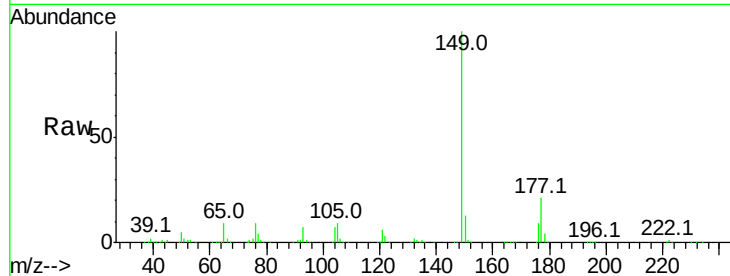
#59
Diethylphthalate
Concen: 39.97 ng
RT: 9.97 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.7	25.1
150	13.0	10.2	15.2

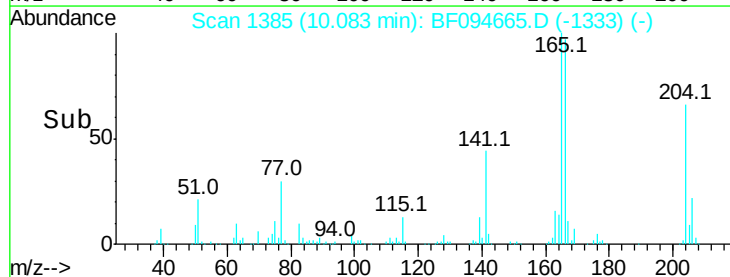
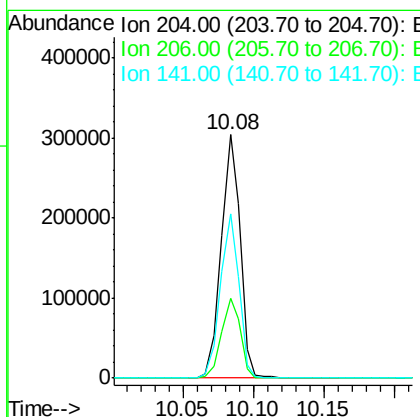
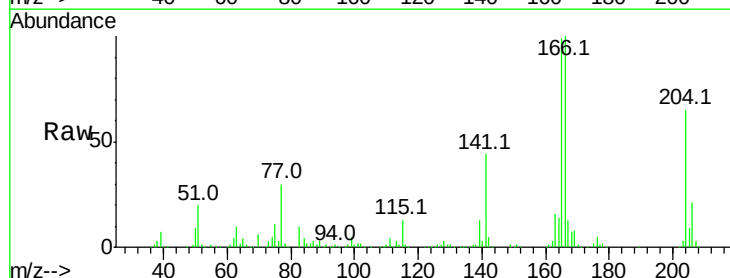
Manual Integrations
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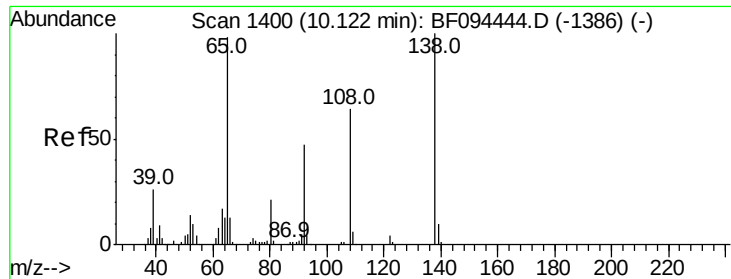
mohammad
4/28/2017 3:00:32 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.73 ng
RT: 10.08 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.2	39.2
141	67.3	60.8	91.2





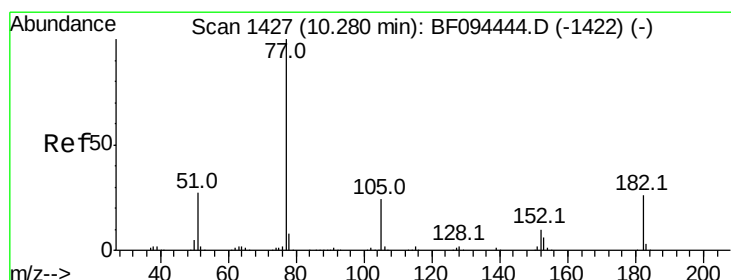
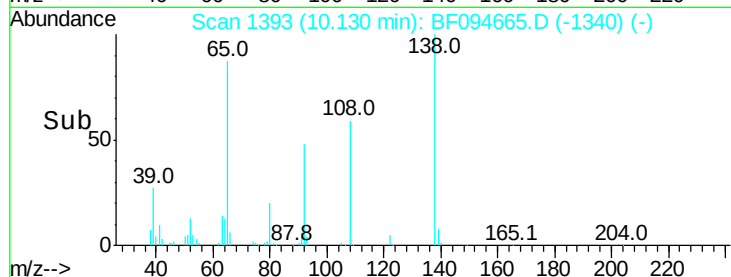
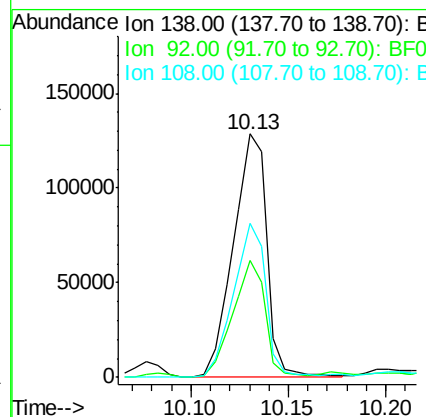
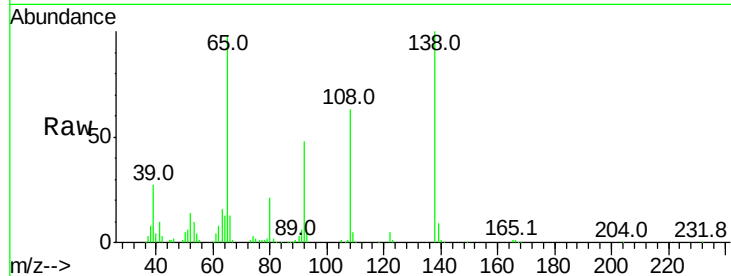
#61
4-Nitroaniline
Concen: 31.98 ng
RT: 10.13 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.0	21.8	61.8
108	63.0	42.3	82.3

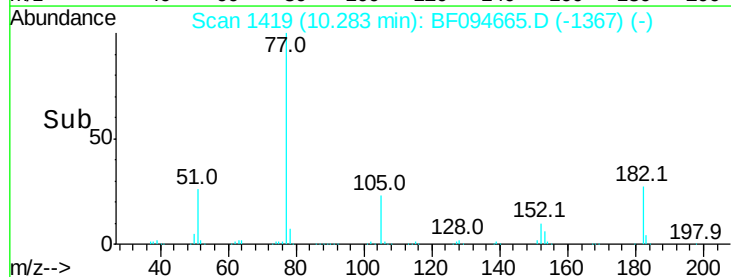
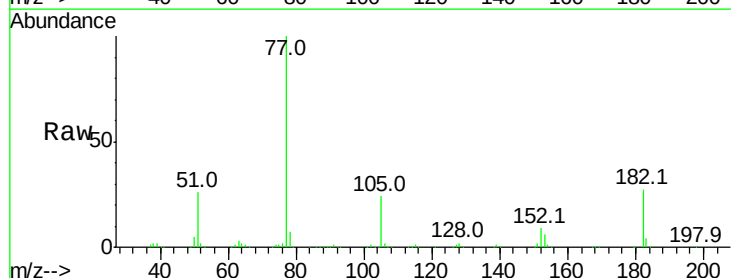
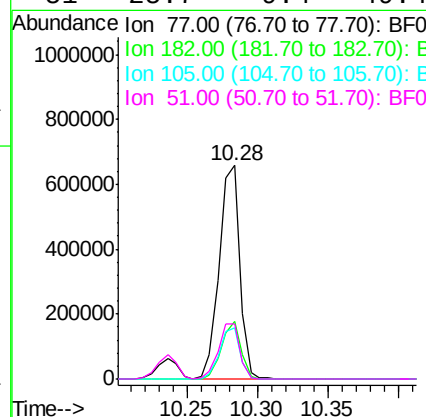
Manual Integrations
APPROVED

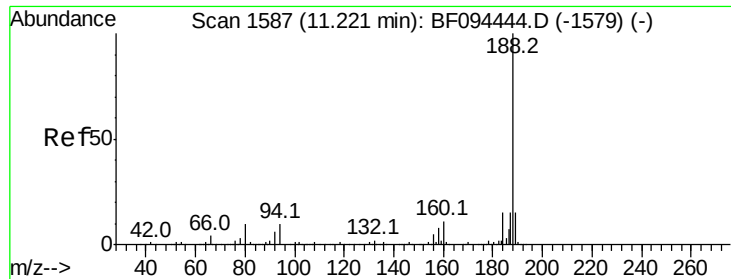
mohammad
4/28/2017 3:00:32 PM



#62
Azobenzene
Concen: 40.11 ng
RT: 10.28 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.8	0.1	40.1
105	24.1	3.6	43.6
51	25.7	9.4	49.4





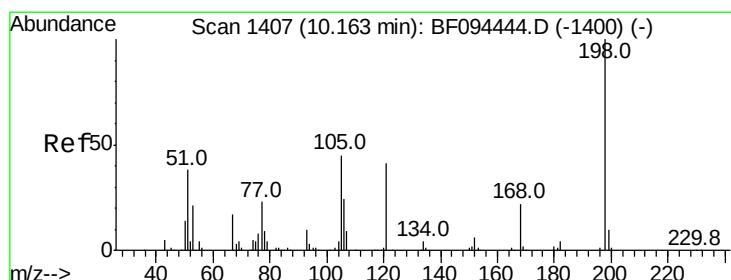
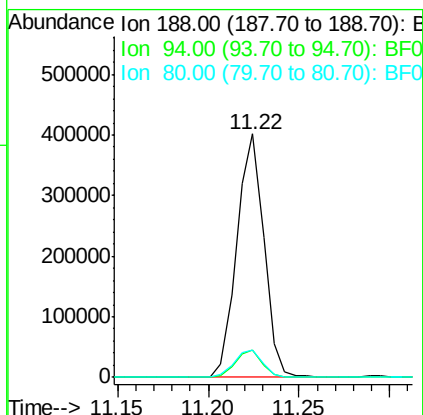
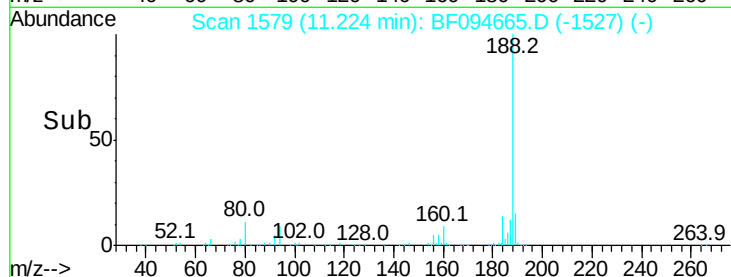
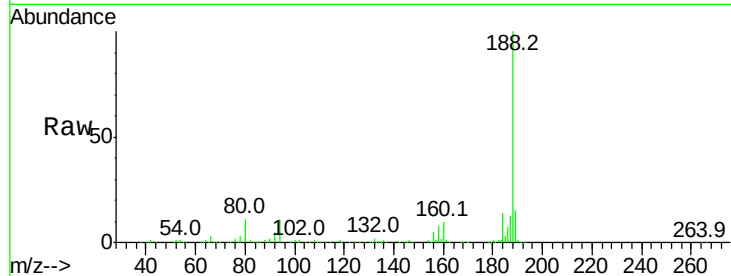
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	419182		
94	11.0		9.4	14.2
80	11.3		10.2	15.2

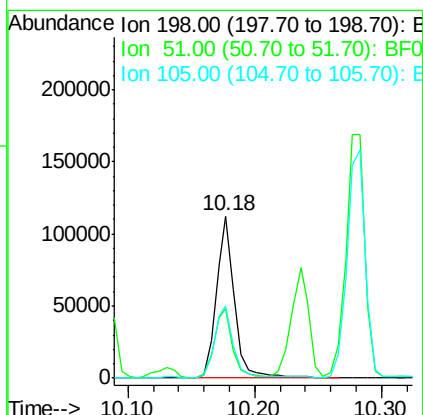
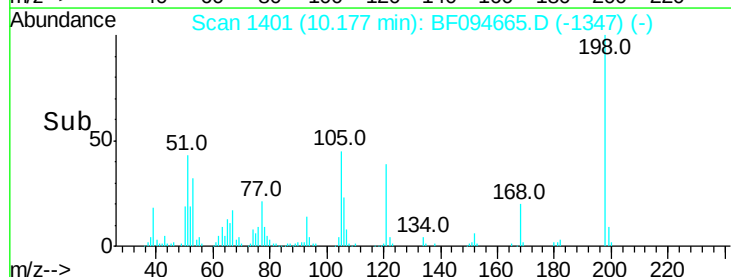
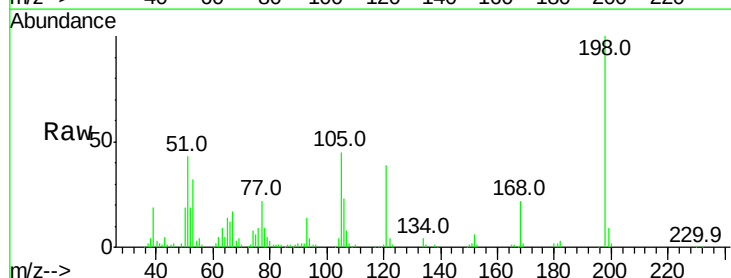
Manual Integrations
APPROVED

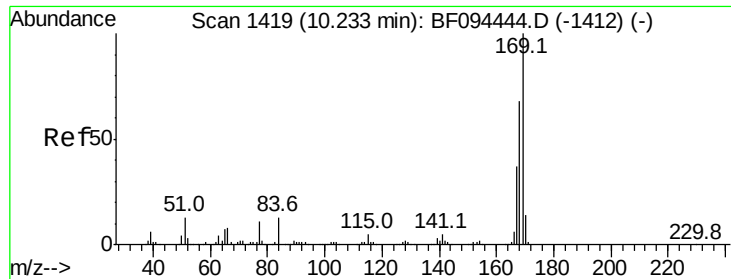
mohammad
4/28/2017 3:00:32 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 40.93 ng
RT: 10.18 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	112417		
51	42.8		53.2	93.2#
105	44.6		45.8	85.8#





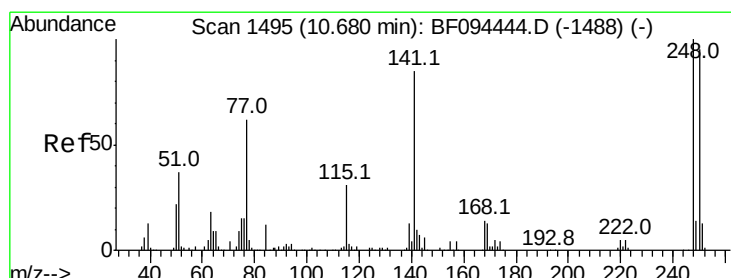
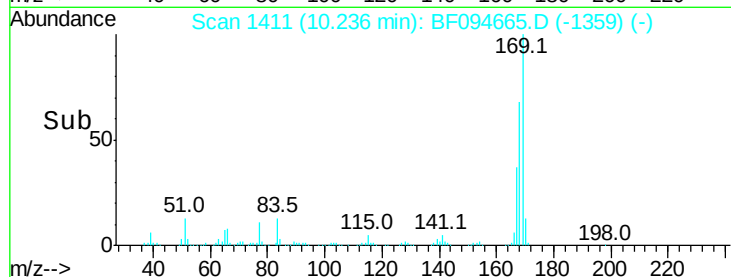
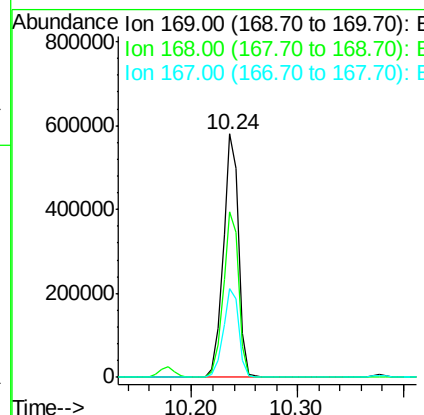
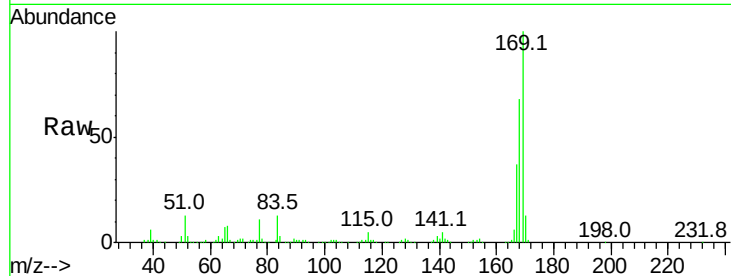
#65
n-Nitrosodiphenylamine
Concen: 40.78 ng
RT: 10.24 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	594584		
168	68.1	53.2	79.8	
167	36.6	29.5	44.3	

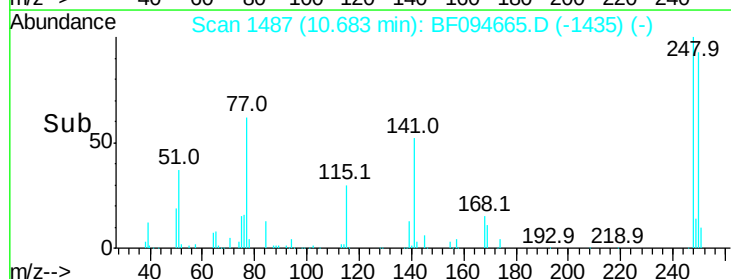
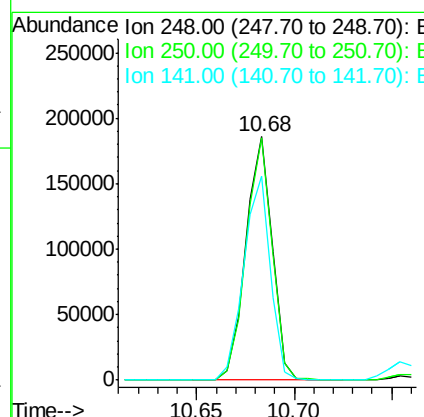
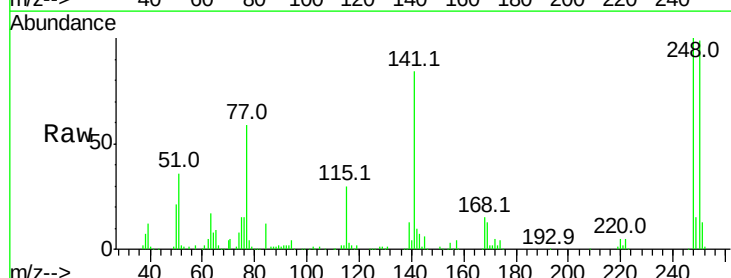
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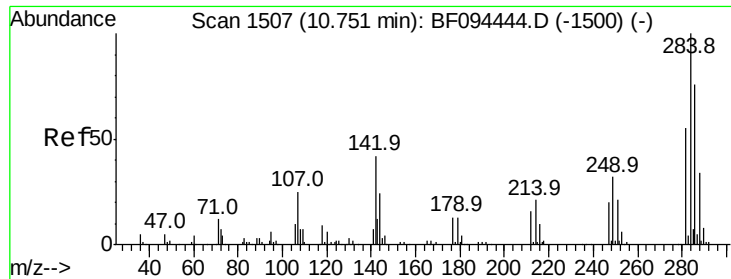
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 41.99 ng
RT: 10.68 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	174792		
250	99.3	76.8	115.2	
141	83.6	68.6	103.0	





#67

Hexachlorobenzene

Concen: 40.92 ng

RT: 10.76 min Scan# 1500

Delta R.T. 0.01 min

Lab File: BF094665.D

Acq: 27 Apr 2017 14:02

Instrument :

BNA_F

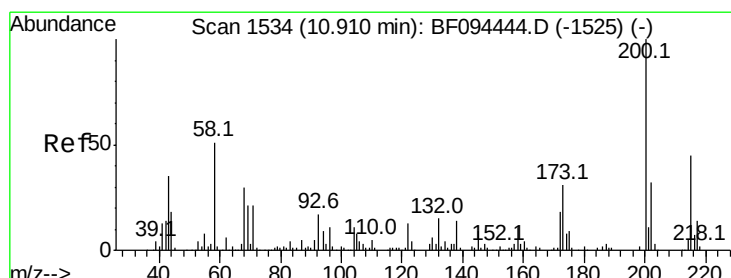
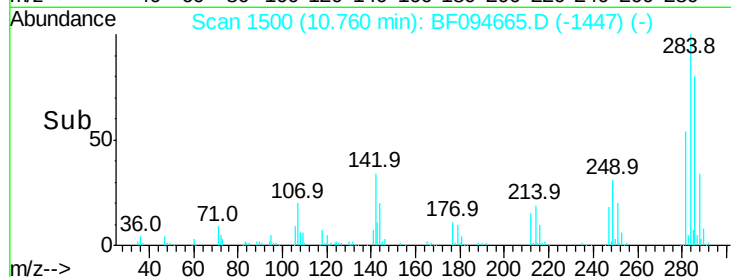
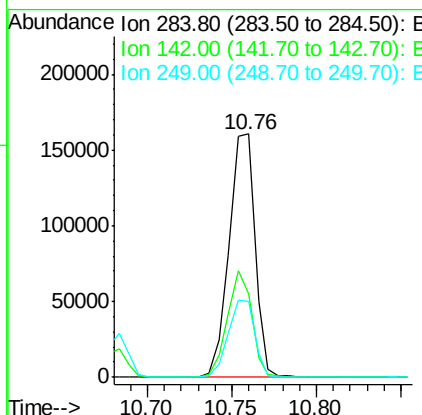
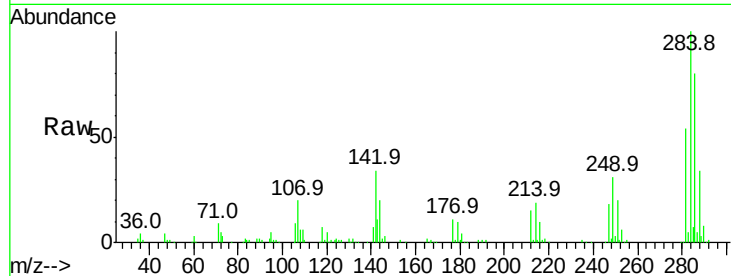
ClientSampleId :

SSTDCCC040

Tot Ion:	284	Resp:	171664
Ion Ratio	Lower	Upper	
284	100		
142	34.2	22.8	34.2
249	30.9	24.0	36.0

Manual Integrations
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#68

Atrazine

Concen: 40.83 ng

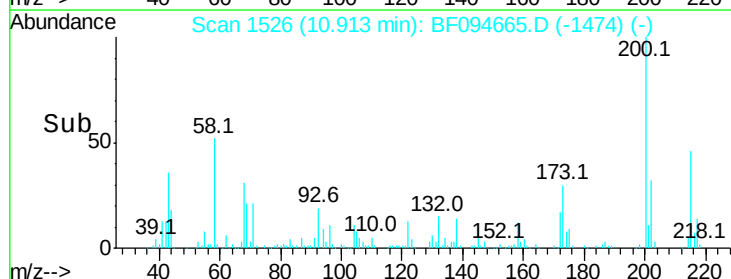
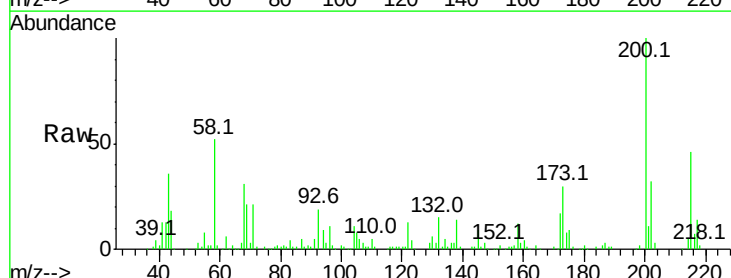
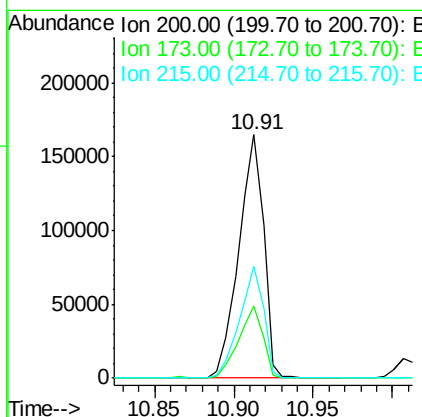
RT: 10.91 min Scan# 1526

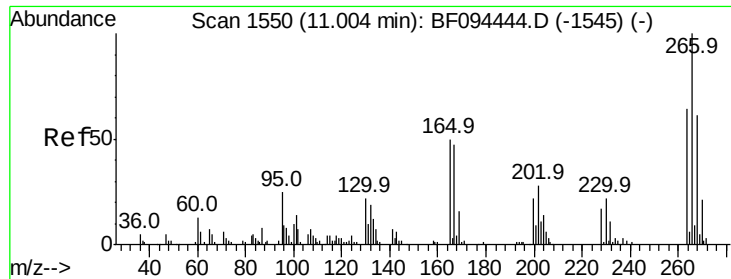
Delta R.T. 0.00 min

Lab File: BF094665.D

Acq: 27 Apr 2017 14:02

Tgt Ion:	200	Resp:	178069
Ion Ratio	Lower	Upper	
200	100		
173	29.8	6.3	46.3
215	46.1	27.2	67.2





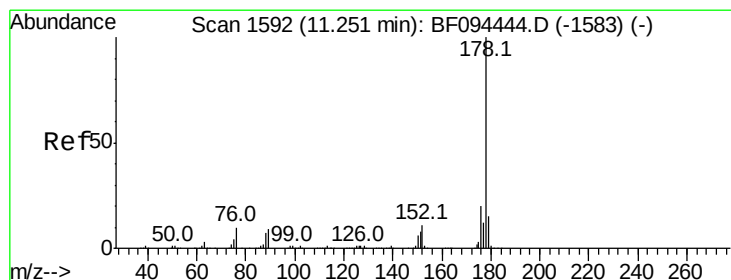
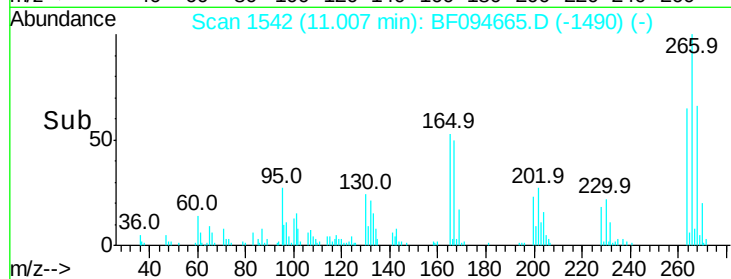
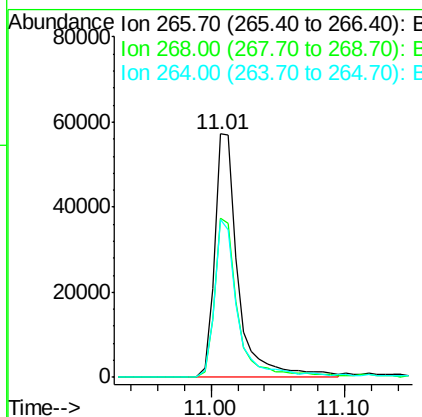
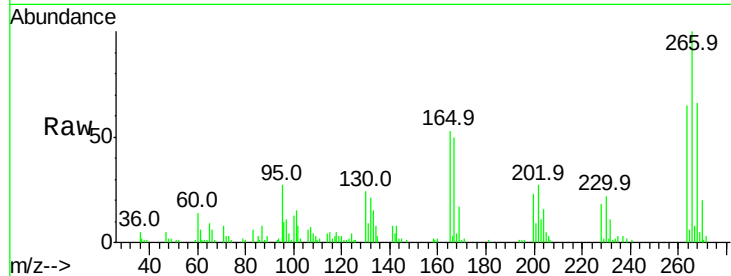
#69
 Pentachlorophenol
 Concen: 42.99 ng
 RT: 11.01 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.6	51.1	76.7
264	65.0	51.7	77.5

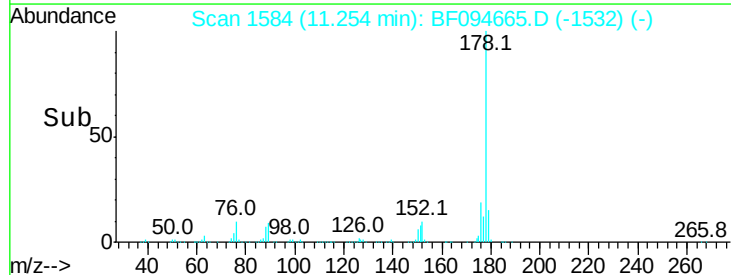
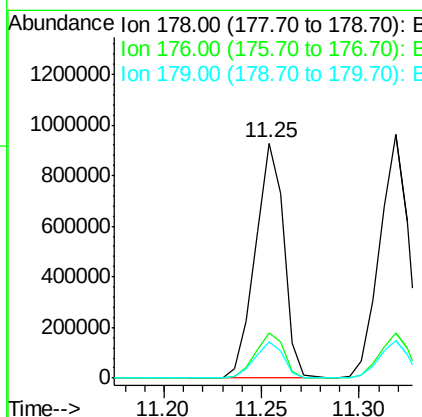
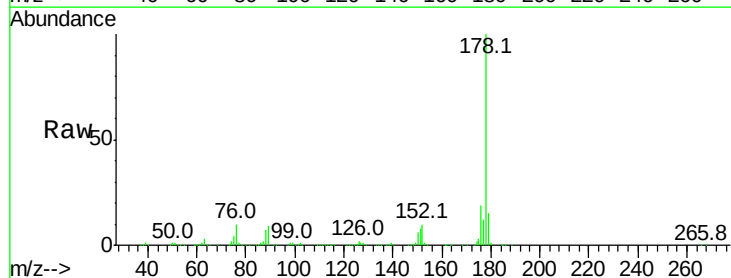
Manual Integrations
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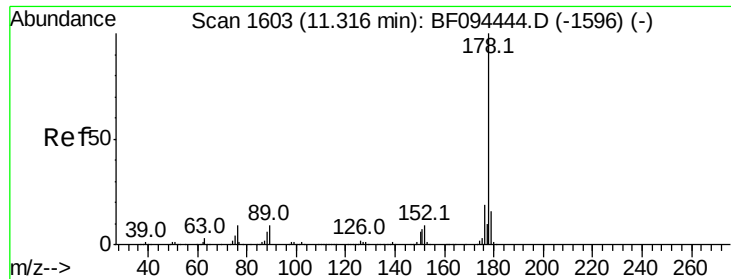
mohammad
 4/28/2017 3:00:32 PM



#70
 Phenanthrene
 Concen: 39.89 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	15.2	12.6	19.0





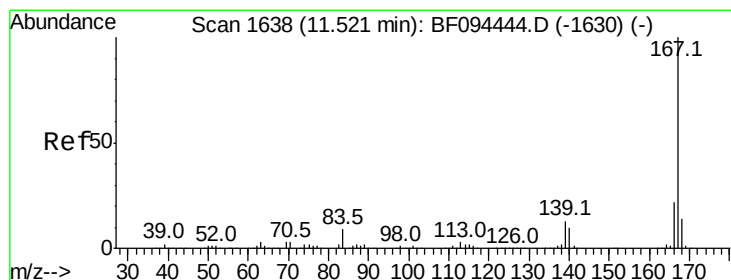
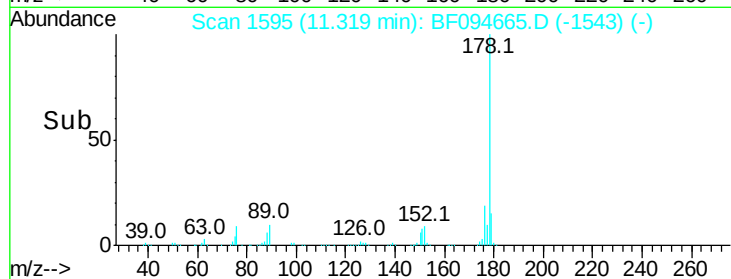
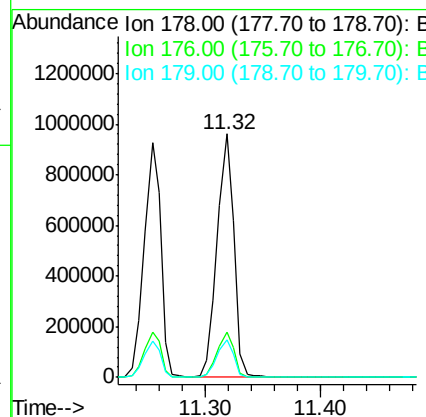
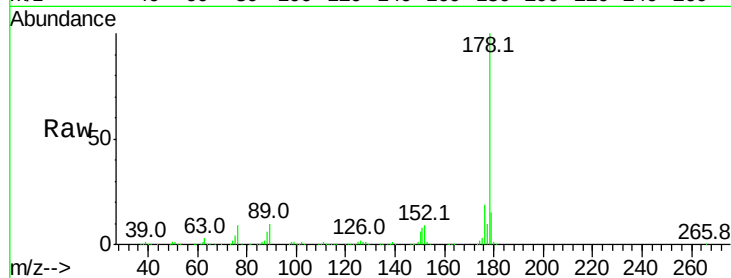
#71
 Anthracene
 Concen: 39.90 ng
 RT: 11.32 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.4	12.7	19.1

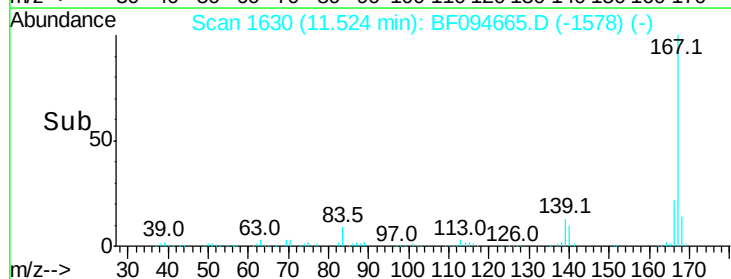
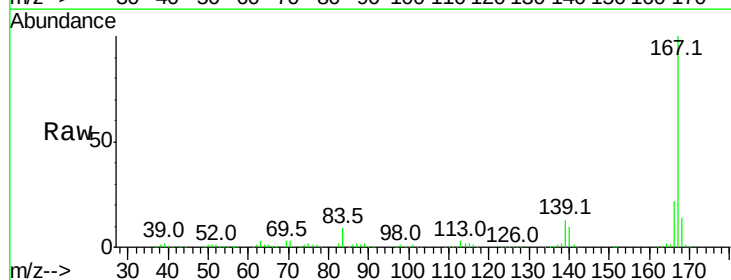
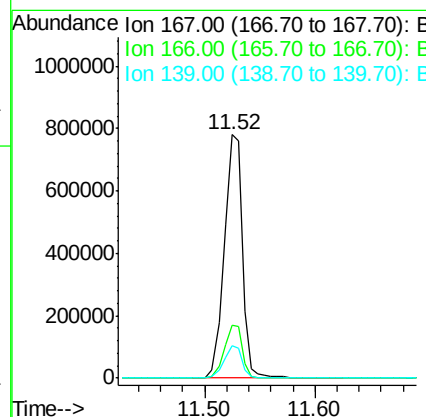
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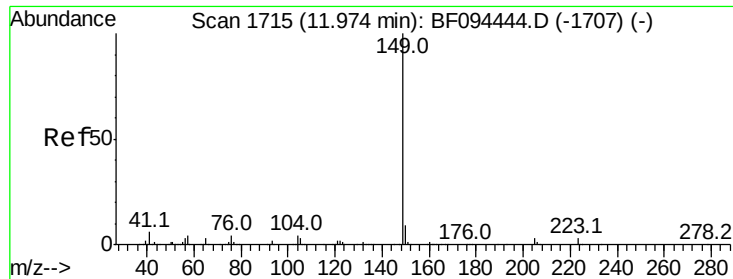
mohammad
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#72
 Carbazole
 Concen: 39.11 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	13.2	11.7	17.5





#73

Di-n-butylphthalate

Concen: 43.35 ng

RT: 11.97 min Scan# 1706

Delta R.T. -0.00 min

Lab File: BF094665.D

Acq: 27 Apr 2017 14:02

Instrument :

BNA_F

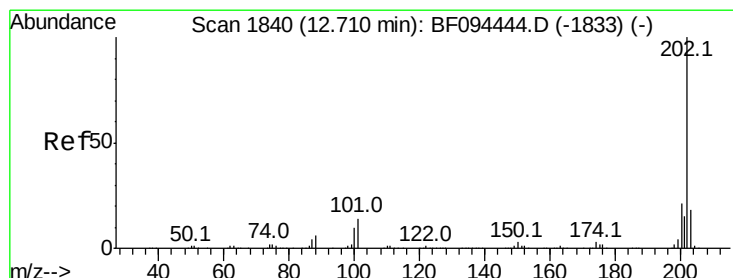
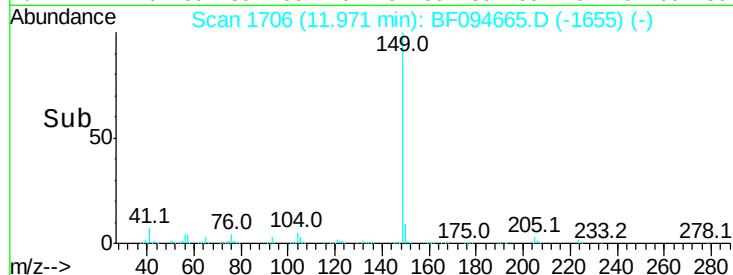
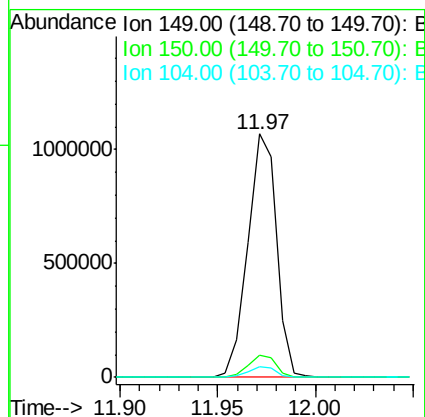
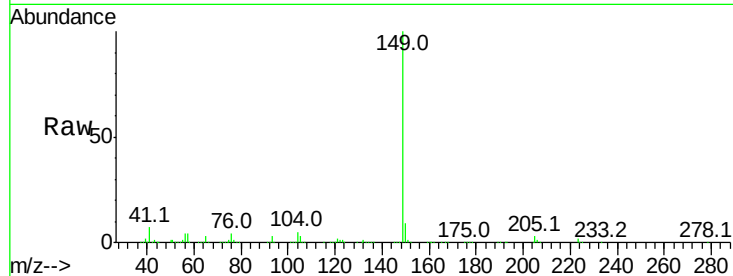
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	1093861
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.5	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 38.98 ng

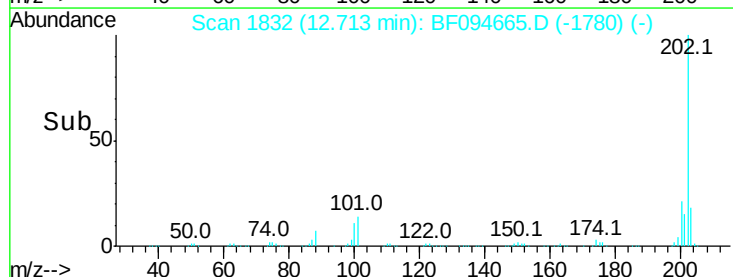
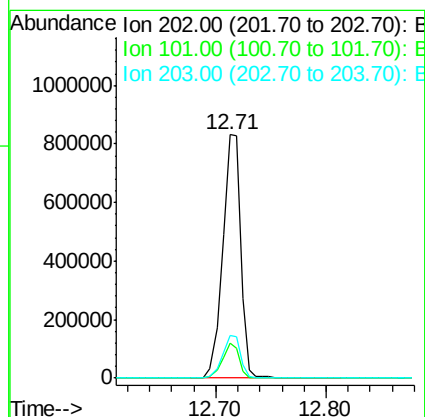
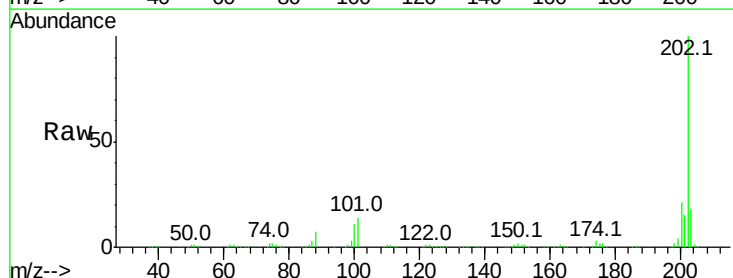
RT: 12.71 min Scan# 1832

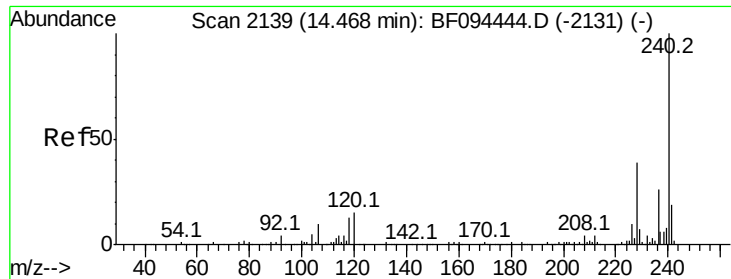
Delta R.T. 0.00 min

Lab File: BF094665.D

Acq: 27 Apr 2017 14:02

Tgt Ion:	202	Resp:	953716
Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	17.5	0.0	38.1





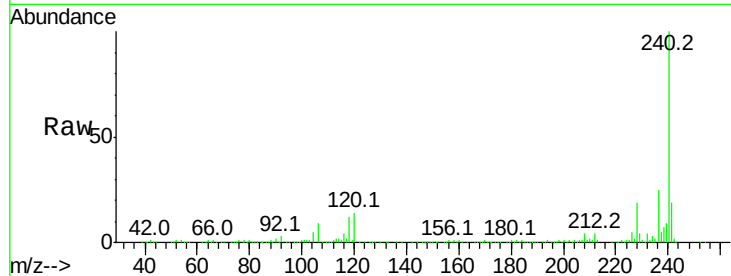
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.48 min Scan# 2132
Delta R.T. 0.01 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

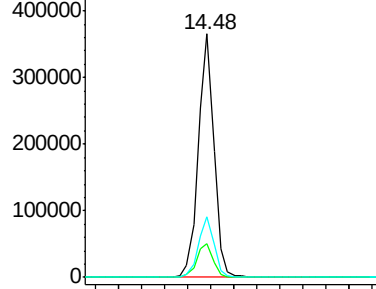
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.8	8.8#
236	25.1	20.5	30.7

Manual Integrations
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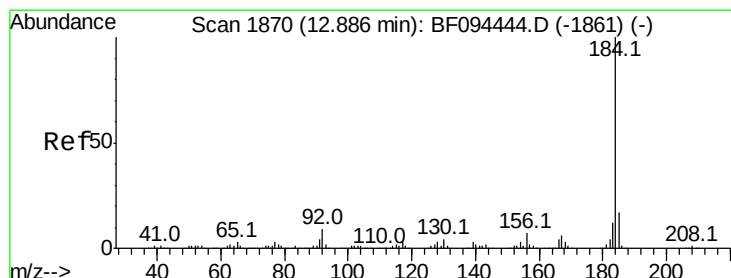
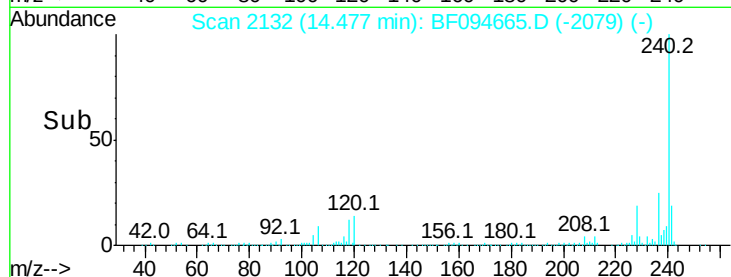
mohammad
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



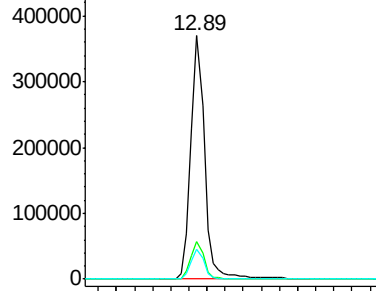
Time-->



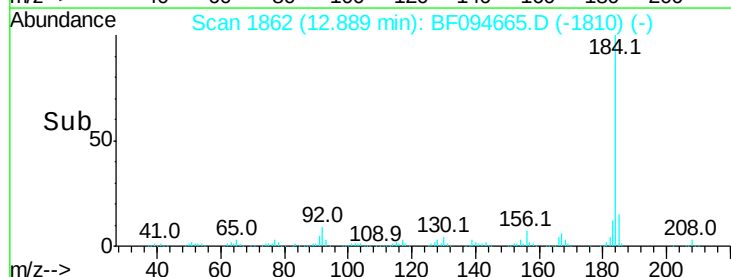
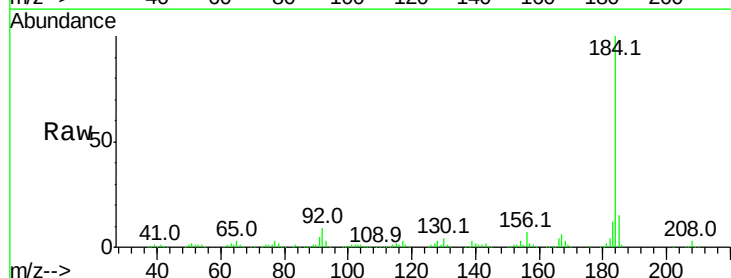
#76
Benzidine
Concen: 28.10 ng
RT: 12.89 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

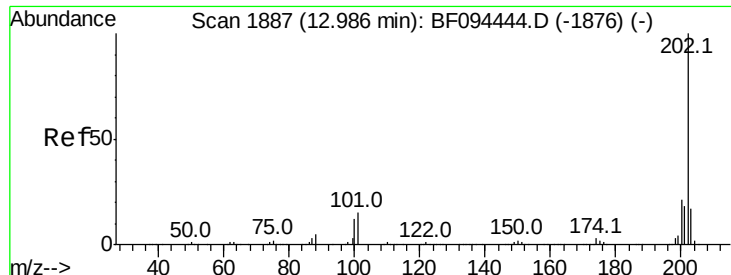
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	15.5	23.3#
183	12.3	9.8	14.6

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



Time-->





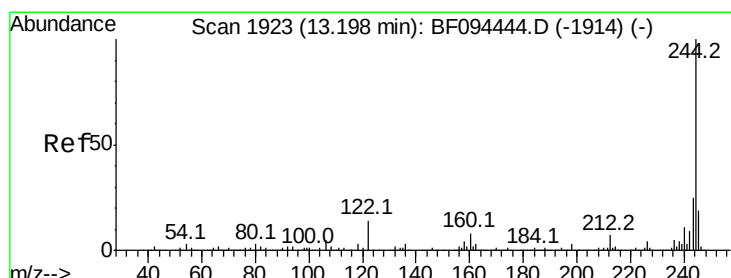
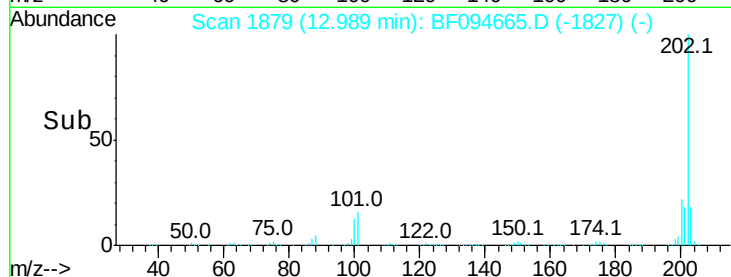
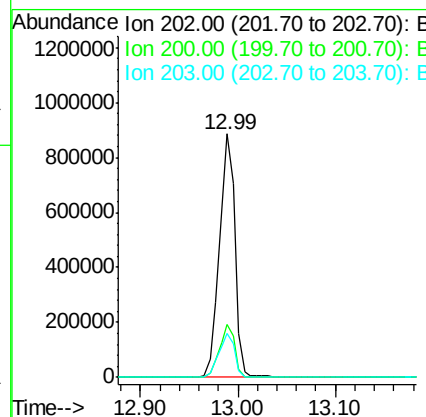
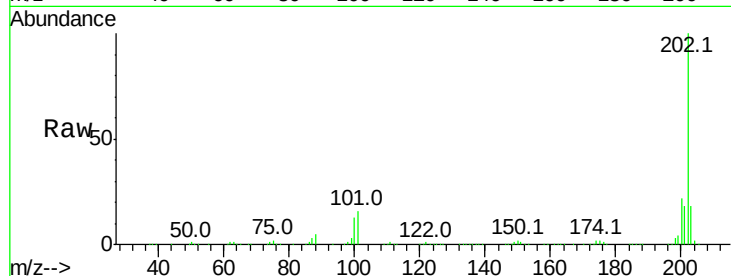
#77
Pvrene
Concen: 40.76 ng
RT: 12.99 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	18.1	14.4	21.6

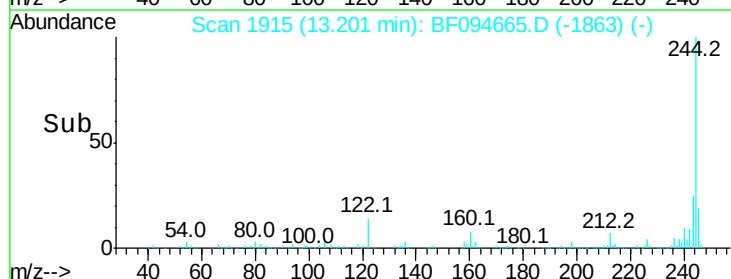
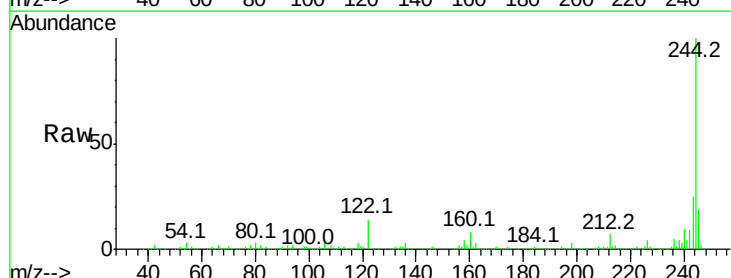
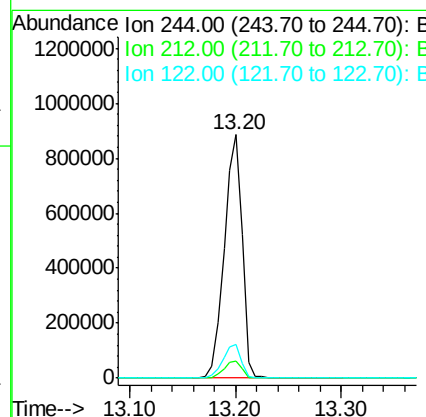
Manual Integrations
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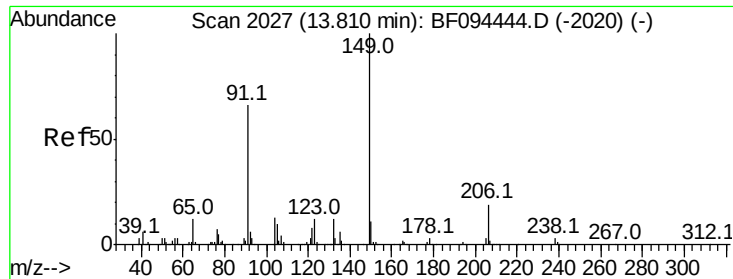
mohammad
4/28/2017 3:00:32 PM



#78
Terphenyl-d14
Concen: 82.07 ng
RT: 13.20 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.7	10.3	15.5





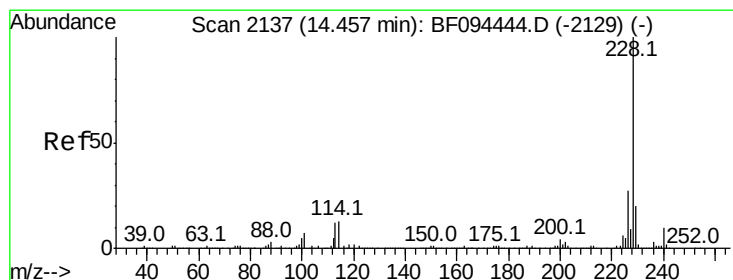
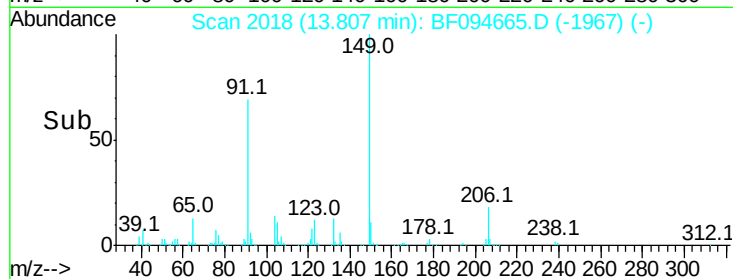
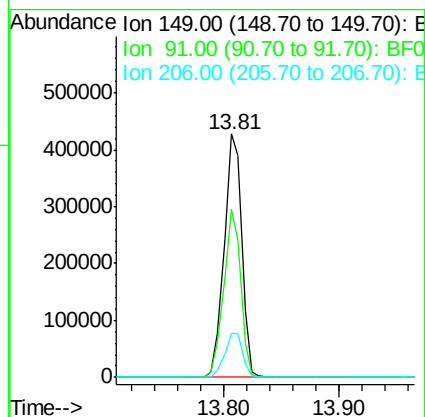
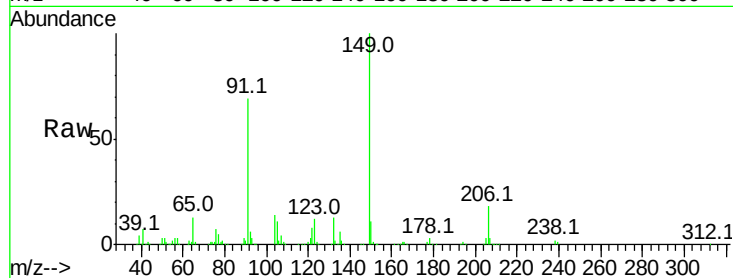
#79
Butylbenzylphthalate
Concen: 43.34 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.1	45.0	67.4#
206	18.2	17.0	25.6

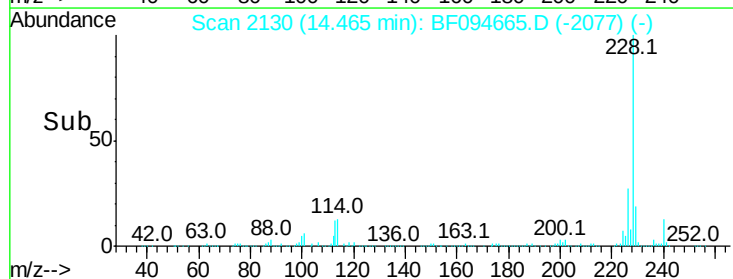
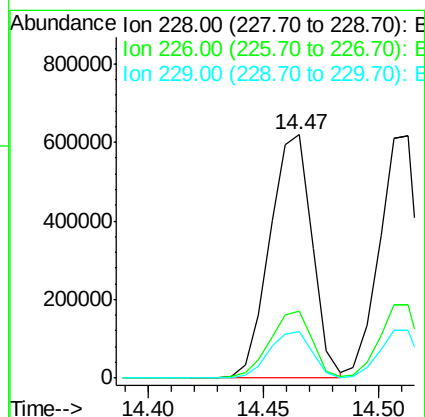
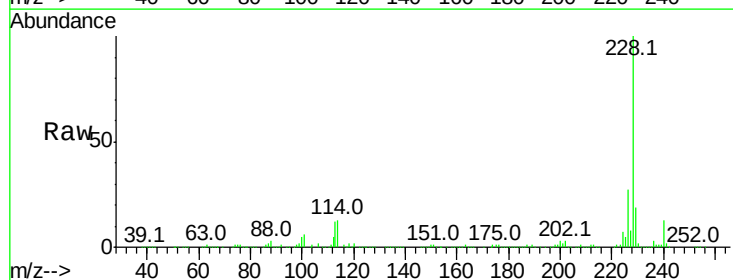
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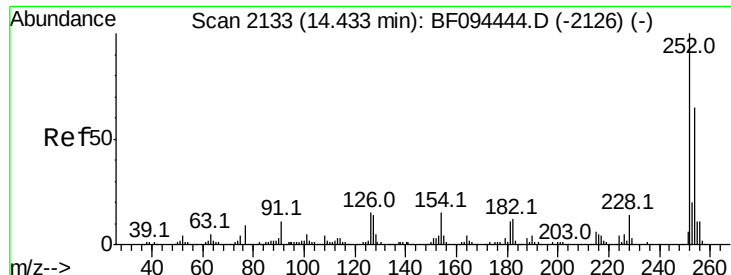
mohammad
4/28/2017 3:00:32 PM



#80
Benzo(a)anthracene
Concen: 39.46 ng
RT: 14.47 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.3	16.3	24.5





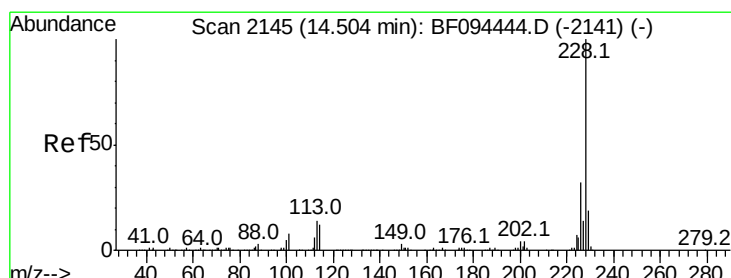
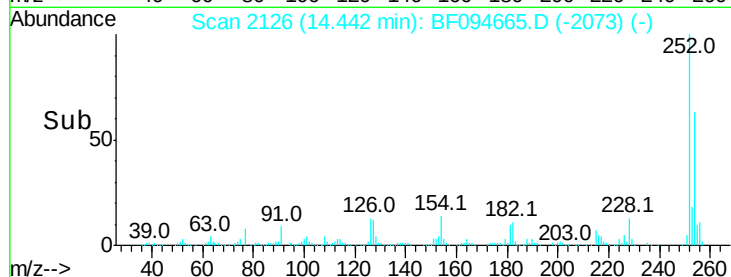
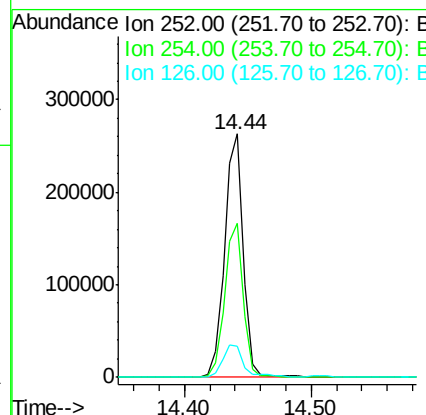
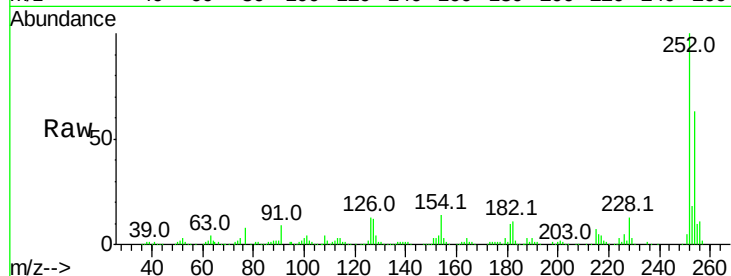
#81
 3,3'-Dichlorobenzidine
 Concen: 38.26 ng
 RT: 14.44 min Scan# 2126
 Delta R.T. 0.01 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.0	51.5	77.3
126	12.8	15.8	23.8

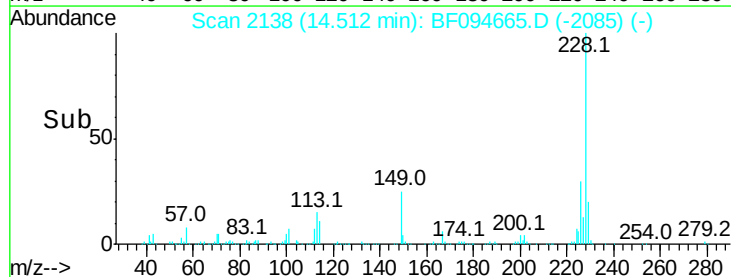
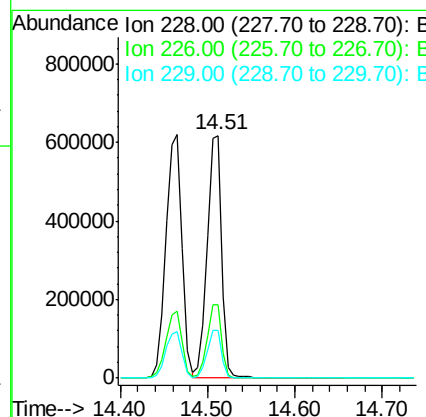
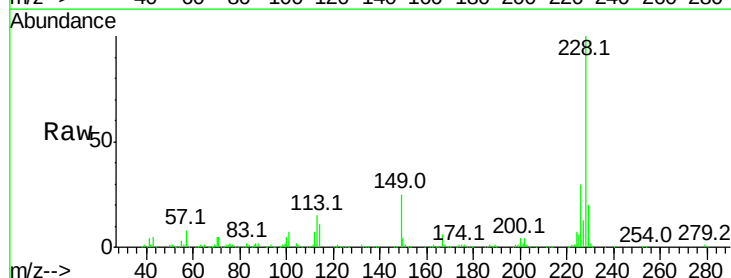
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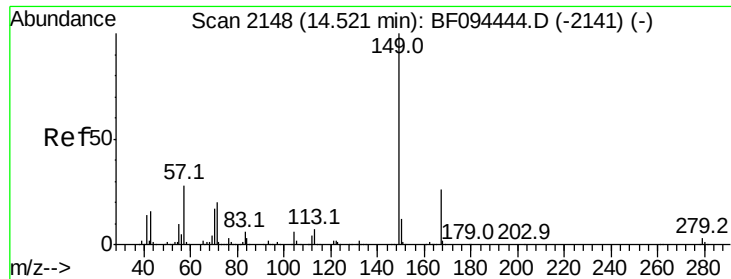
mohammad
 4/28/2017 3:00:32 PM



#82
 Chrysene
 Concen: 39.13 ng
 RT: 14.51 min Scan# 2138
 Delta R.T. 0.01 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.0	24.9	37.3
229	19.7	15.8	23.6





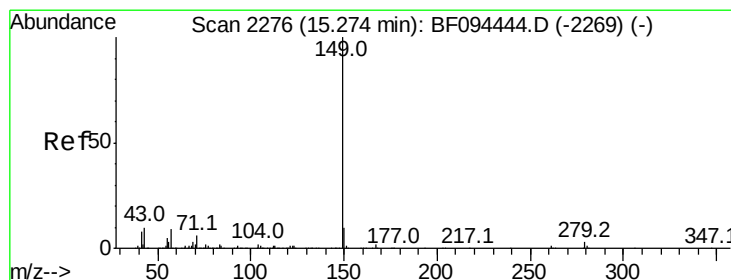
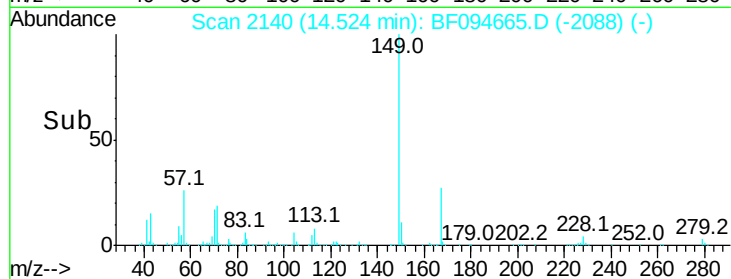
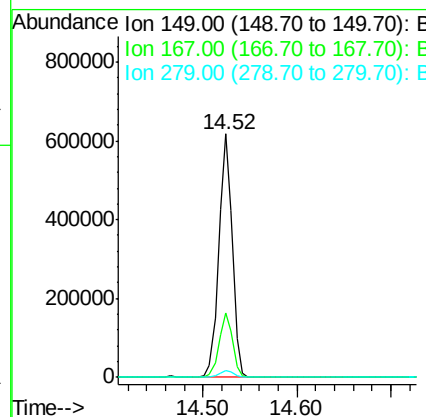
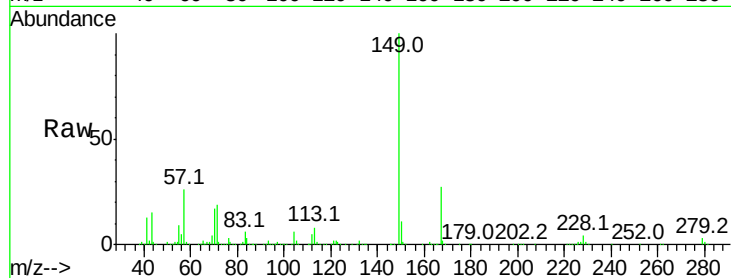
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.61 ng
 RT: 14.52 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	628792		
167	26.6	21.0	31.4	
279	3.0	1.9	2.9	

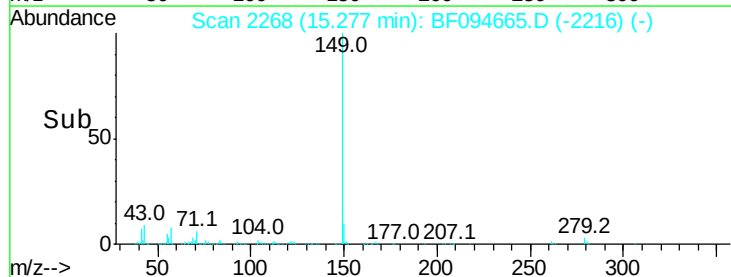
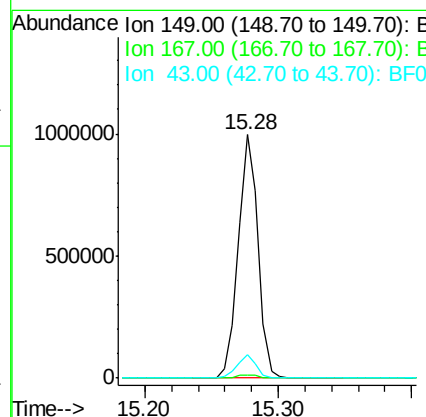
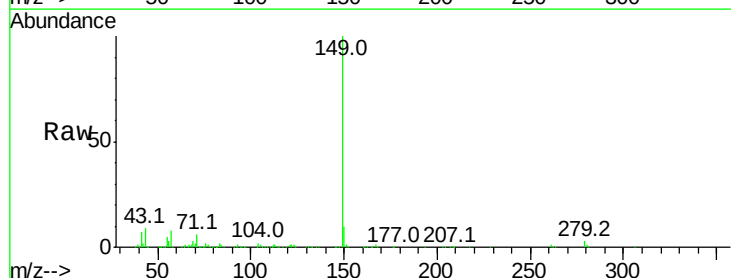
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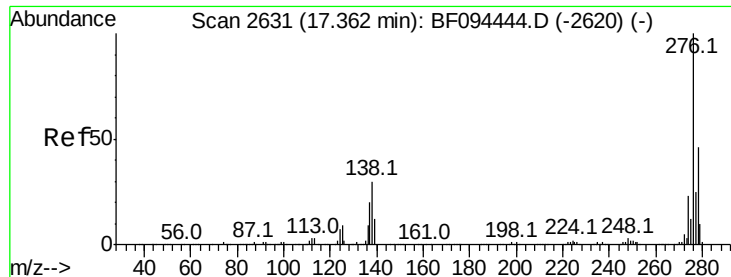
mohammad
 4/28/2017 3:00:32 PM



#84
 Di-n-octyl phthalate
 Concen: 43.89 ng
 RT: 15.28 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1037744		
167	1.5	1.2	1.8	
43	9.3	8.5	12.7	





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.46 ng

RT: 17.39 min Scan# 2627

Delta R.T. 0.03 min

Lab File: BF094665.D

Acq: 27 Apr 2017 14:02

Instrument :

BNA_F

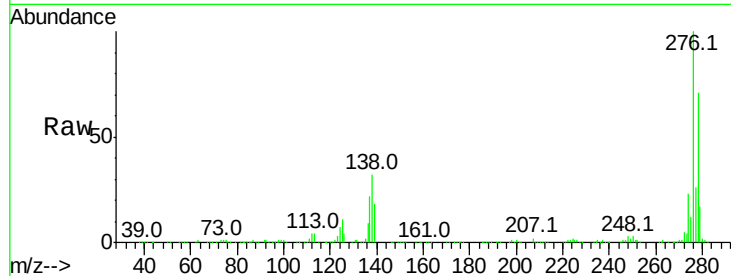
ClientSampleId :

SSTDCCC040

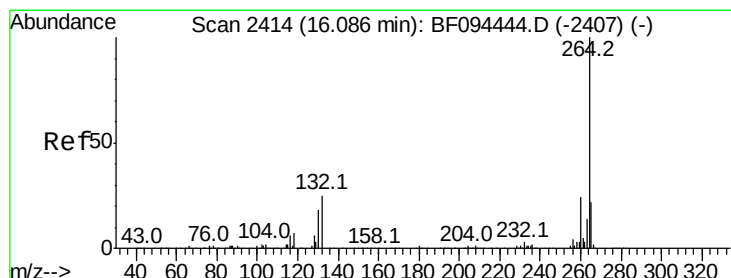
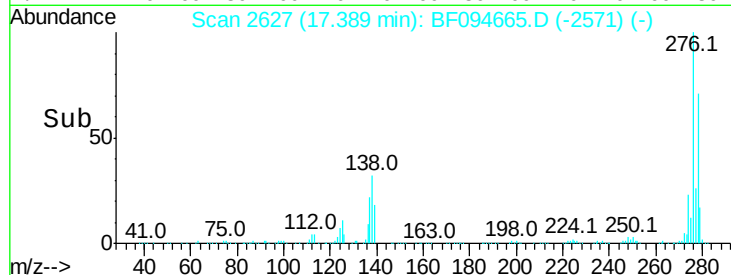
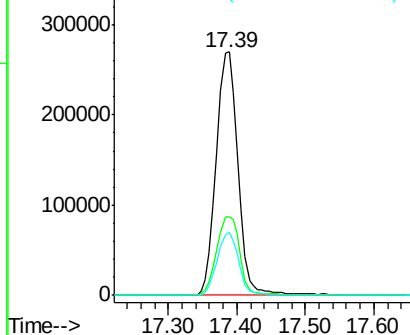
Tot Ion:	276	Resp:	597240
Ion Ratio	Lower	Upper	
276	100		
138	34.3	27.8	41.6
277	25.5	20.2	30.4

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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: 16.10 min Scan# 2408

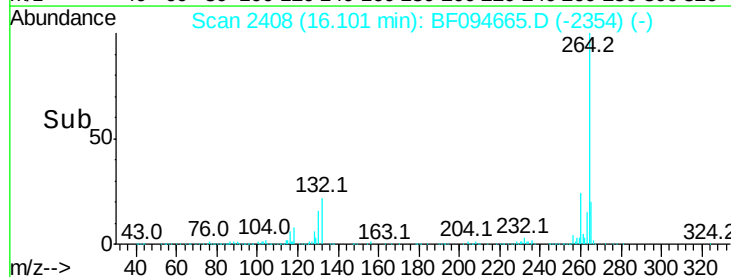
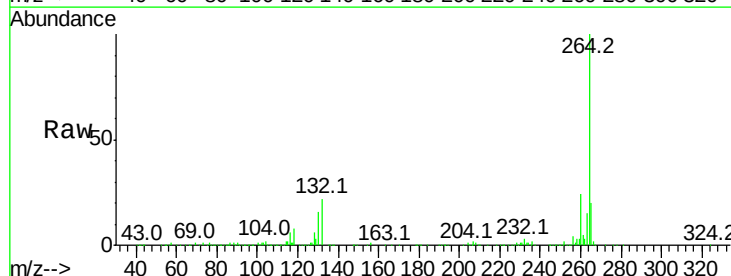
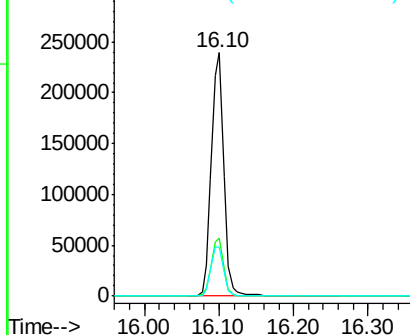
Delta R.T. 0.01 min

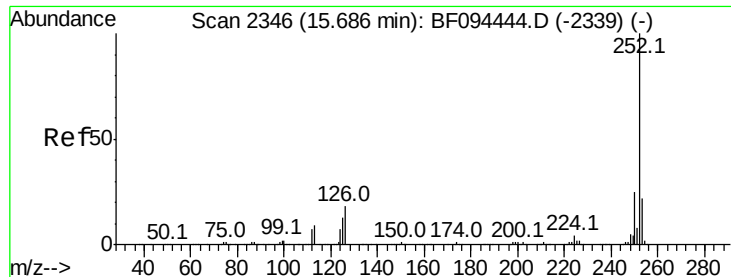
Lab File: BF094665.D

Acq: 27 Apr 2017 14:02

Tgt Ion:	264	Resp:	276168
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.5	29.3
265	20.4	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: 40.07 ng

RT: 15.70 min Scan# 2340

Delta R.T. 0.01 min

Lab File: BF094665.D

Acq: 27 Apr 2017 14:02

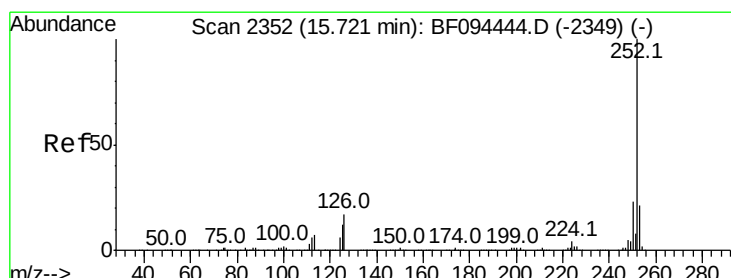
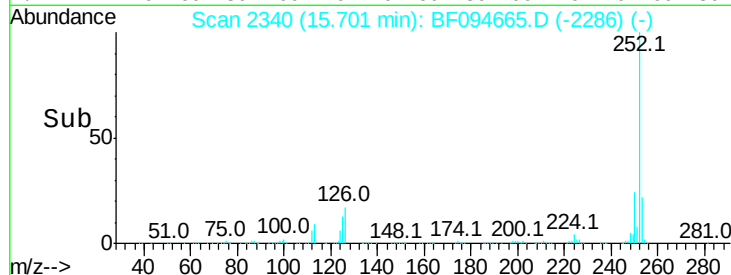
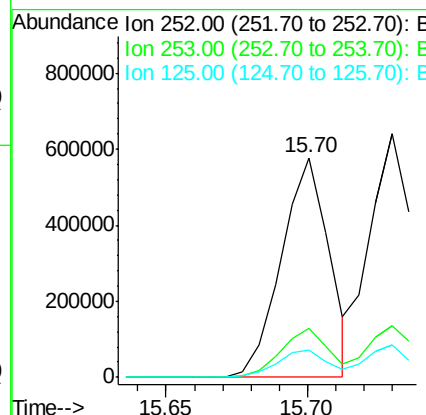
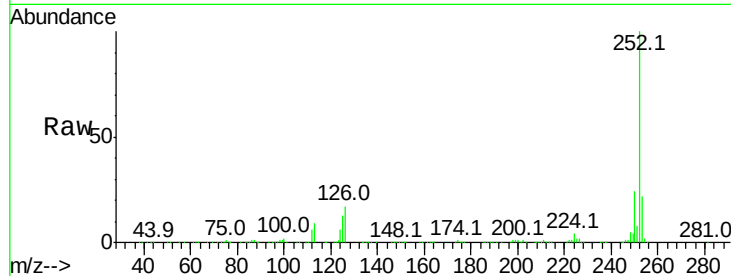
Instrument :
BNA_F

ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.6	9.8	14.8

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4/28/2017 3:00:32 PM



#88

Benzo(k)fluoranthene

Concen: 41.89 ng

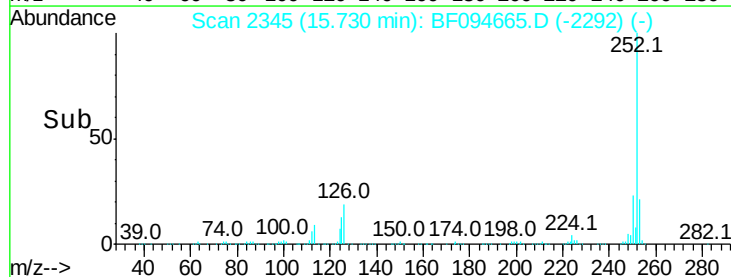
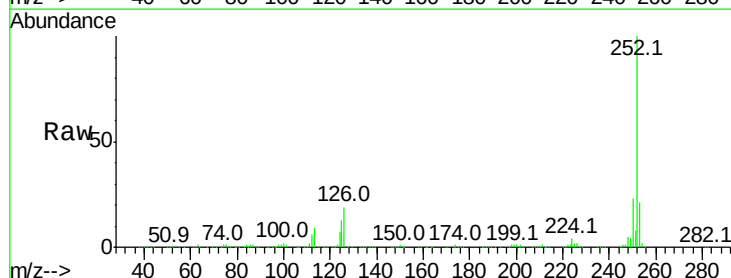
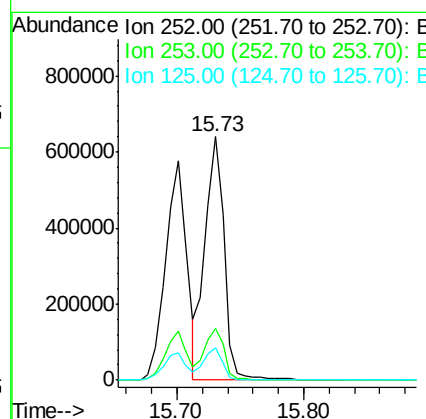
RT: 15.73 min Scan# 2345

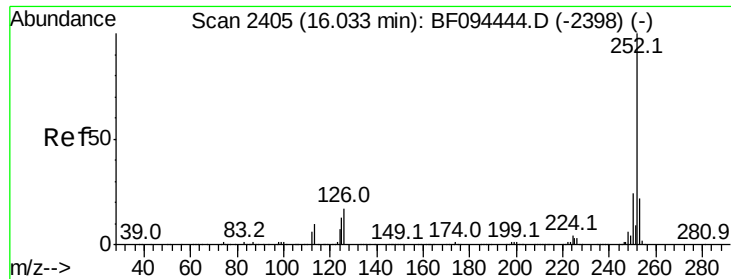
Delta R.T. 0.01 min

Lab File: BF094665.D

Acq: 27 Apr 2017 14:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	13.2	13.1	19.7





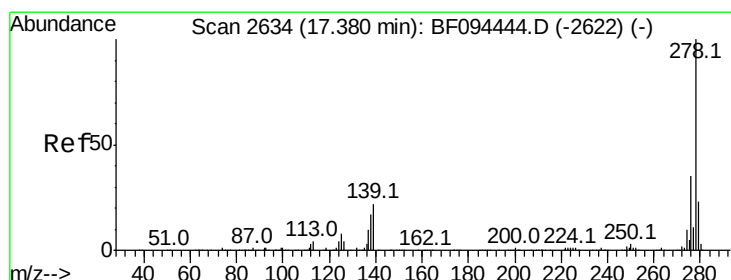
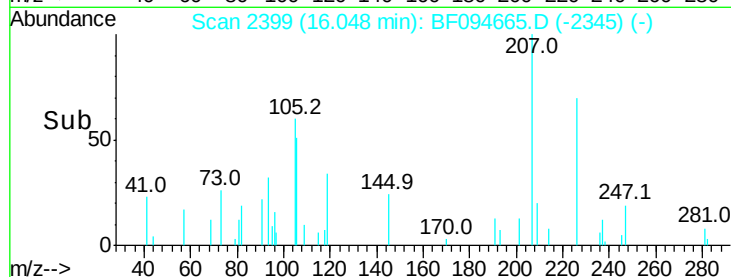
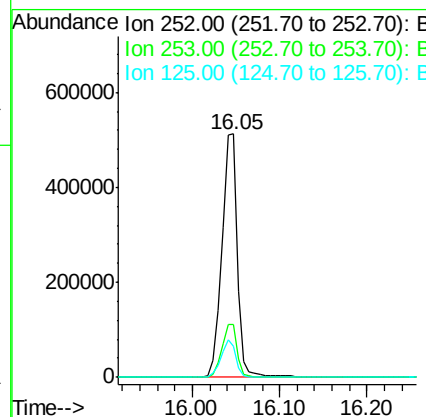
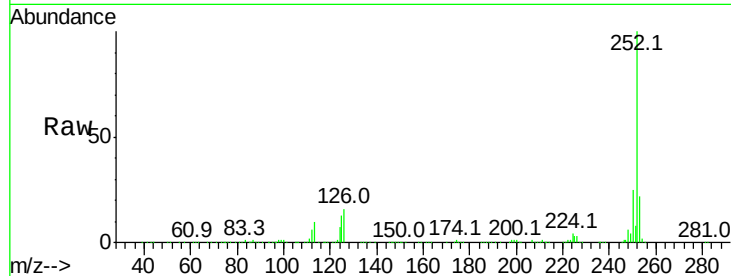
#89
Benzo(a)pyrene
Concen: 40.20 ng
RT: 16.05 min Scan# 2399
Delta R.T. 0.01 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	12.8	11.0	16.4

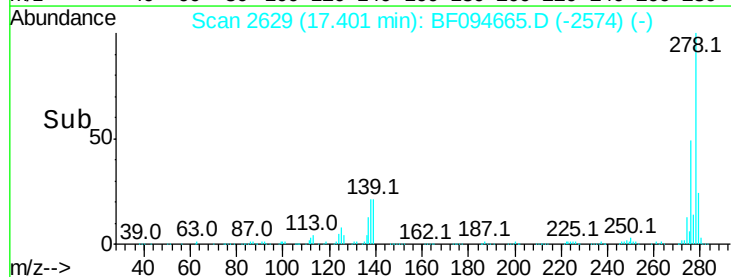
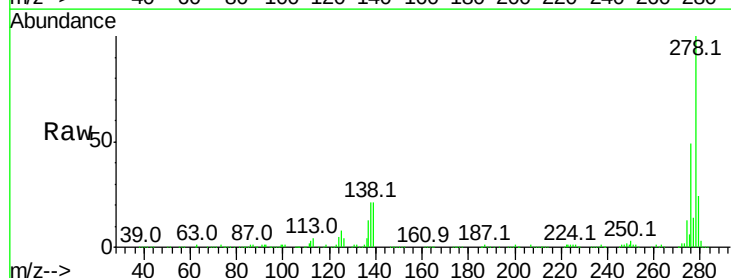
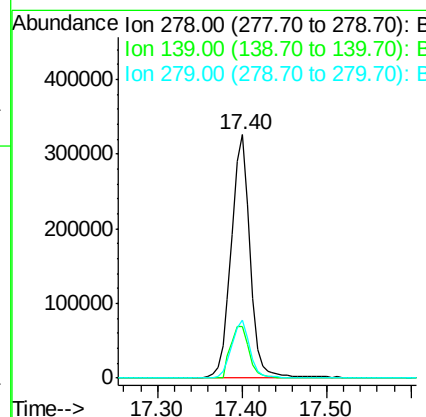
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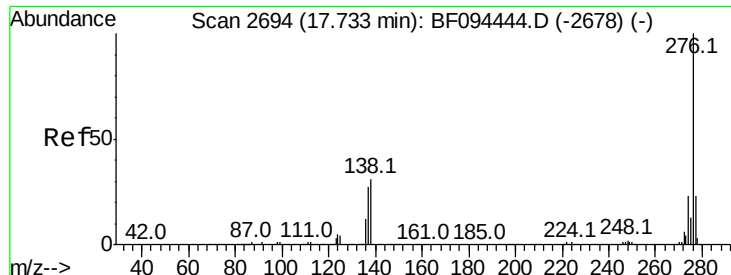
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 38.50 ng
RT: 17.40 min Scan# 2629
Delta R.T. 0.02 min
Lab File: BF094665.D
Acq: 27 Apr 2017 14:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.1	16.6	24.8
279	23.6	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 36.55 ng
 RT: 17.77 min Scan# 2691
 Delta R.T. 0.03 min
 Lab File: BF094665.D
 Acq: 27 Apr 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	485595
Ion Ratio	Lower	Upper	
276	100		
277	23.2	18.6	28.0
138	29.0	25.4	38.0

Manual Integrations
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 4/28/2017 3:00:32 PM

