

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
 Data File : BF093323.D
 Acq On : 2 Mar 2017 16:08
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 3/3/2017 5:16:33 PM

Quant Time: Mar 03 00:43:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 00:22:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	165926	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	642914	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	322061	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	572698	20.00	ng	0.00
75) Chrysene-d12	13.99	240	417096	20.00	ng	0.00
86) Perylene-d12	15.40	264	331769	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	801011	82.82	ng	-0.01
7) Phenol-d6	6.44	99	991365	79.67	ng	-0.01
23) Nitrobenzene-d5	7.38	82	996617	86.32	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	175303	75.26	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1324449	74.50	ng	0.00
78) Terphenyl-d14	12.92	244	1353188	76.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	207152	39.64	ng	86
3) Pyridine	3.01	79	564754	42.50	ng	90
4) n-Nitrosodimethylamine	2.98	42	273177	43.78	ng	84
6) Aniline	6.45	93	676664	39.86	ng	# 72
8) 2-Chlorophenol	6.58	128	436165	40.88	ng	90
9) Benzaldehyde	6.34	77	315834	35.43	ng	90
10) Phenol	6.46	94	558115	38.33	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	462273	39.78	ng	90
12) 1,3-Dichlorobenzene	6.74	146	503552	40.29	ng	98
13) 1,4-Dichlorobenzene	6.81	146	505627	39.98	ng	99
14) 1,2-Dichlorobenzene	6.97	146	475818	39.34	ng	98
15) Benzyl Alcohol	6.96	79	351093	38.11	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	809810	40.11	ng	91
17) 2-Methylphenol	7.07	107	366395	40.03	ng	95
18) Hexachloroethane	7.31	117	179861	41.66	ng	93
19) n-Nitroso-di-n-propylamine	7.22	70	305068	38.51	ng	94
20) 3+4-Methylphenols	7.23	107	479044	43.77	ng	# 78
22) Acetophenone	7.22	105	611162	41.64	ng	# 97
24) Nitrobenzene	7.39	77	497000	41.92	ng	99
25) Isophorone	7.63	82	933366	43.39	ng	94
26) 2-Nitrophenol	7.71	139	246751	43.79	ng	98
27) 2,4-Dimethylphenol	7.76	122	410058	41.43	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	639743	44.90	ng	99
29) 2,4-Dichlorophenol	7.96	162	369131	39.99	ng	94
30) 1,2,4-Trichlorobenzene	8.03	180	381708	38.38	ng	94
31) Naphthalene	8.11	128	1233233	37.84	ng	99
32) Benzoic acid	7.90	122	160979	31.59	ng	98
33) 4-Chloroaniline	8.17	127	507111	39.68	ng	95
34) Hexachlorobutadiene	8.22	225	202271	36.96	ng	98
35) Caprolactam	8.56	113	121029	41.69	ng	# 34
36) 4-Chloro-3-methylphenol	8.67	107	411062	42.72	ng	92
37) 2-Methylnaphthalene	8.81	142	804238	38.43	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	391728	43.33	ng	99
40) Hexachlorocyclopentadiene	8.96	237	173929	42.64	ng	97

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 BNA_F
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 SSTDC040

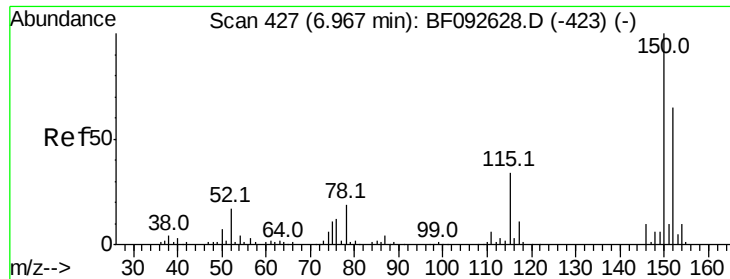
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Quant Time: Mar 03 00:43:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	235279	39.61	nq	93
43) 2,4,5-Trichlorophenol	9.14	196	258677	39.74	nq	95
45) 1,1'-Biphenyl	9.28	154	1003496	43.03	nq	98
46) 2-Chloronaphthalene	9.30	162	752298	41.24	nq	96
47) 2-Nitroaniline	9.40	65	265139	43.23	nq	89
48) Acenaphthylene	9.71	152	1257845	39.91	nq	99
49) Dimethylphthalate	9.58	163	939385	43.30	nq	100
50) 2,6-Dinitrotoluene	9.65	165	227454	48.55	nq	94
51) Acenaphthene	9.89	154	743227	39.44	nq	97
52) 3-Nitroaniline	9.82	138	264528	49.34	nq	94
53) 2,4-Dinitrophenol	9.94	184	105622	46.43	nq	# 42
54) Dibenzofuran	10.06	168	998394	39.62	nq	92
55) 4-Nitrophenol	10.01	139	124325	32.20	nq	83
56) 2,4-Dinitrotoluene	10.06	165	256142	41.07	nq	94
57) Fluorene	10.41	166	878823	45.33	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	179185	41.27	nq	99
59) Diethylphthalate	10.28	149	873665	42.74	nq	98
60) 4-Chlorophenyl-phenylether	10.40	204	373948	40.15	nq	88
61) 4-Nitroaniline	10.44	138	250644	45.64	nq	94
62) Azobenzene	10.56	77	980286	46.41	nq	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	149669	43.22	nq	# 58
65) n-Nitrosodiphenylamine	10.52	169	762459	41.68	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	236772	39.57	nq	# 88
67) Hexachlorobenzene	10.96	284	229415	38.80	nq	96
68) Atrazine	11.05	200	210866	35.92	nq	99
69) Pentachlorophenol	11.16	266	100788	37.25	nq	97
70) Phenanthrene	11.37	178	1271282	38.75	nq	98
71) Anthracene	11.41	178	1222376	37.10	nq	99
72) Carbazole	11.57	167	1195382	37.95	nq	99
73) Di-n-butylphthalate	11.91	149	1445272	42.43	nq	# 96
74) Fluoranthene	12.56	202	1315545	38.87	nq	94
76) Benzidine	12.68	184	690507	38.85	nq	98
77) Pyrene	12.79	202	1334110	42.74	nq	99
79) Butylbenzylphthalate	13.39	149	555826	43.85	nq	100
80) Benzo(a)anthracene	13.97	228	1027550	40.28	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	349791	38.47	nq	99
82) Chrysene	14.01	228	1019145	42.67	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	787724	45.44	nq	# 97
84) Di-n-octyl phthalate	14.56	149	1210203	42.87	nq	97
85) Indeno(1,2,3-cd)pyrene	16.80	276	675598	36.52	nq	# 93
87) Benzo(b)fluoranthene	14.99	252	1028274m	47.09	nq	
88) Benzo(k)fluoranthene	15.03	252	619124m	32.84	nq	
89) Benzo(a)pyrene	15.35	252	751839	39.80	nq	97
90) Dibenzo(a,h)anthracene	16.80	278	576982	37.79	nq	96
91) Benzo(g,h,i)perylene	17.21	276	601631	39.01	nq	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Instrument :

BNA_F

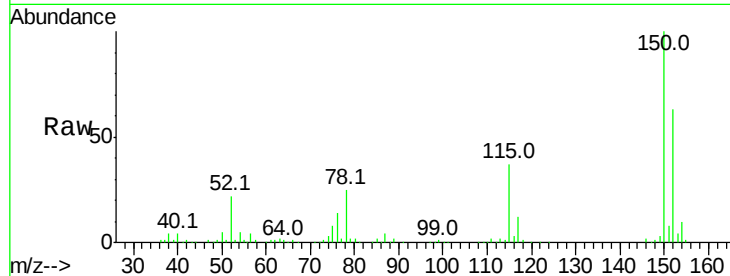
ClientSampleId :

SSTDCCC040

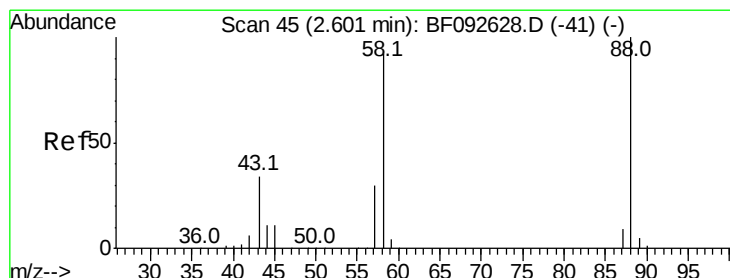
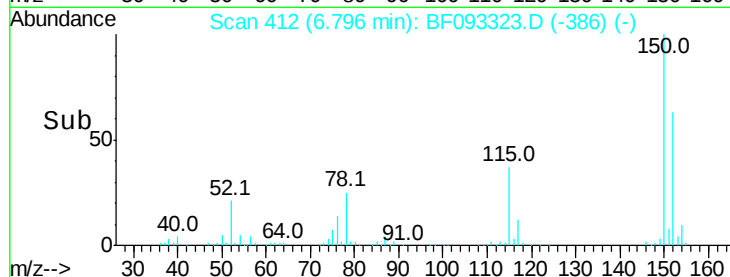
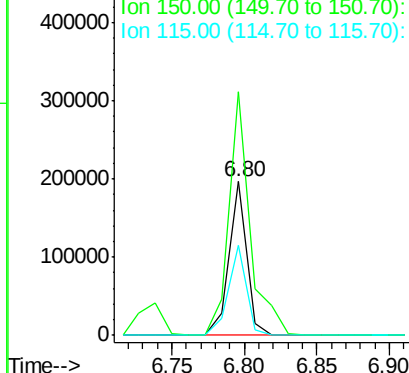
Tot Ion:	152	Resp:	165926
Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.9	187.3
115	58.6	46.0	69.0

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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: 39.64 ng

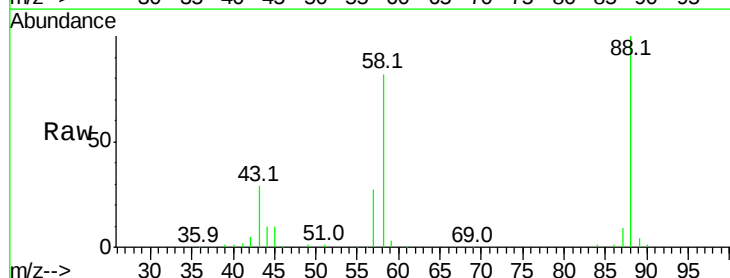
RT: 2.32 min Scan# 20

Delta R.T. -0.00 min

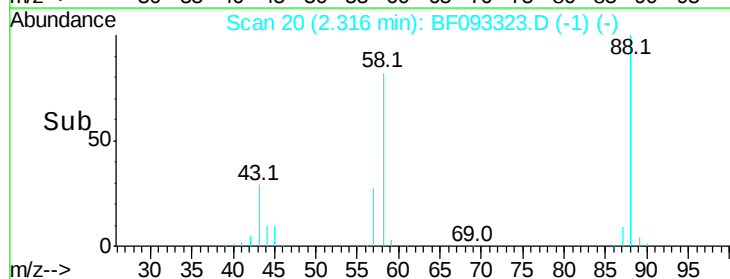
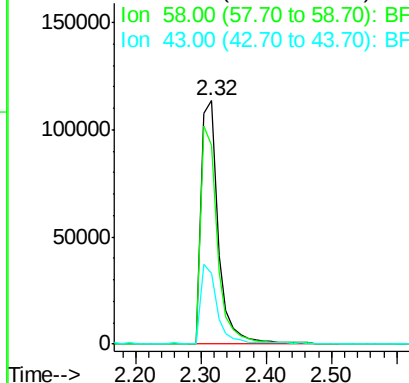
Lab File: BF093323.D

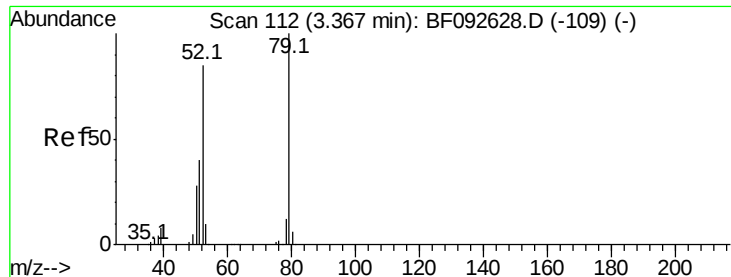
Acq: 2 Mar 2017 16:08

Tgt Ion:	88	Resp:	207152
Ion	Ratio	Lower	Upper
88	100		
58	86.3	57.8	86.8
43	30.8	22.3	33.5



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





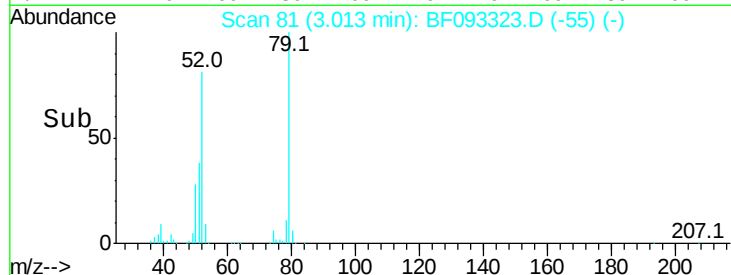
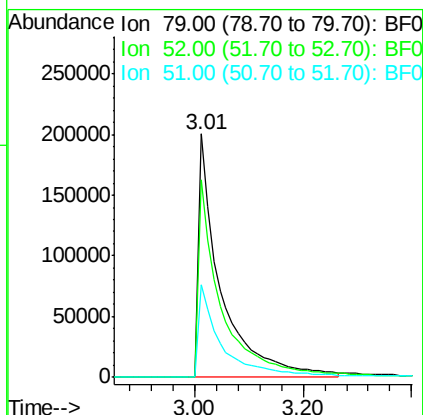
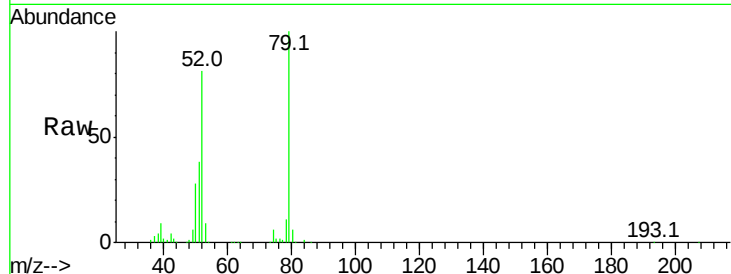
#3
 Pvridine
 Concen: 42.50 ng
 RT: 3.01 min Scan# 81
 Delta R.T. -0.00 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	81.2	57.1	85.7	
51	38.0	27.3	40.9	

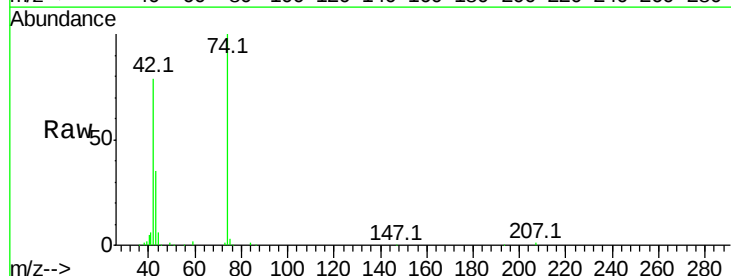
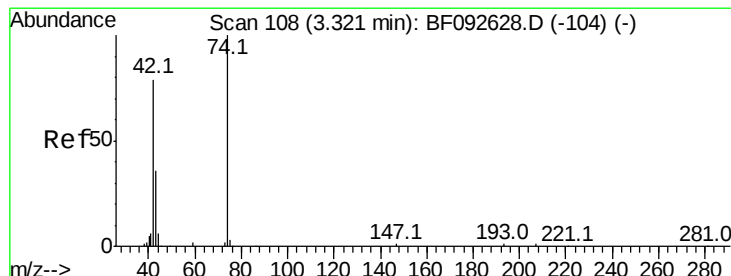
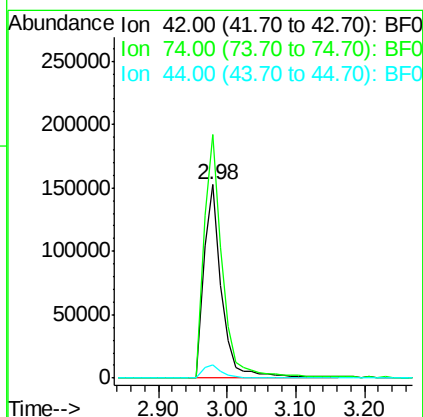
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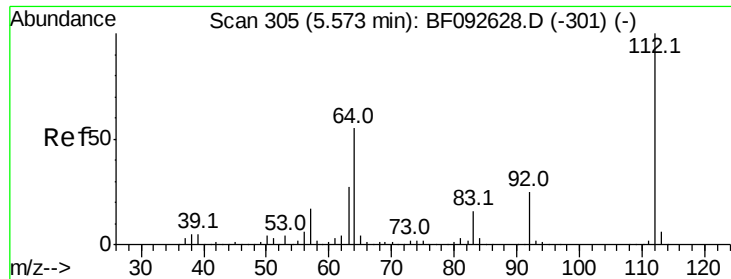
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#4
 n-Nitrosodimethylamine
 Concen: 43.78 ng
 RT: 2.98 min Scan# 78
 Delta R.T. -0.00 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	125.9	117.0	175.4	
44	7.1	5.5	8.3	





#5

2-Fluorophenol

Concen: 82.82 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.01 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Instrument :

BNA_F

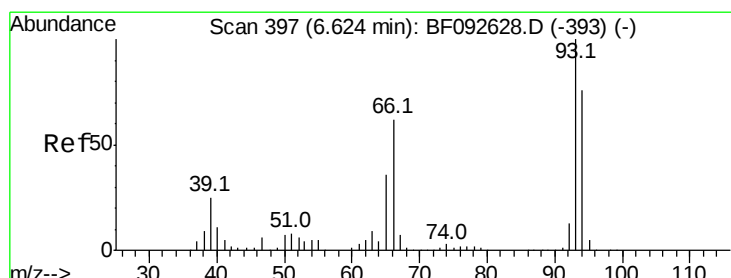
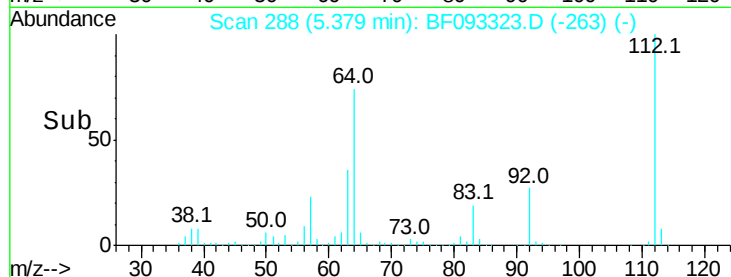
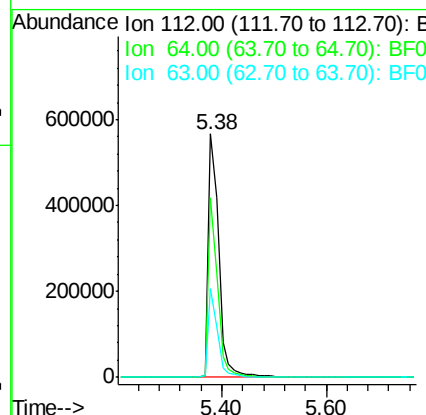
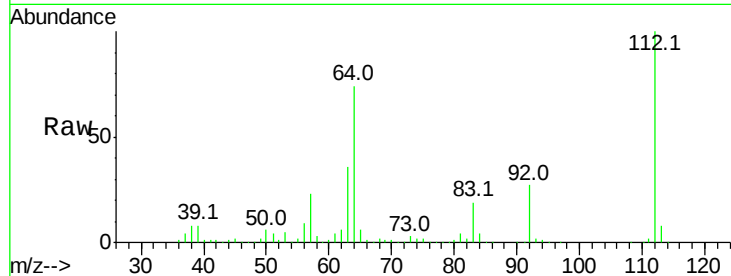
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
112	100	801011		
64	73.5	46.1	69.1#	
63	36.3	23.8	35.6#	

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#6

Aniline

Concen: 39.86 ng

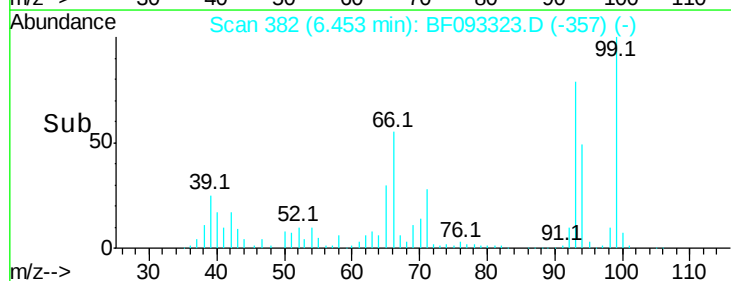
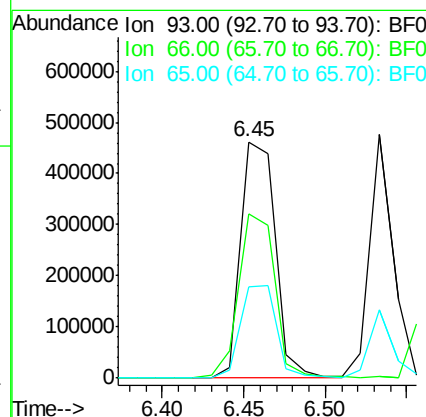
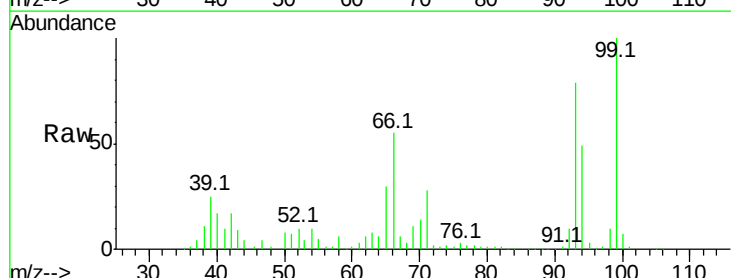
RT: 6.45 min Scan# 382

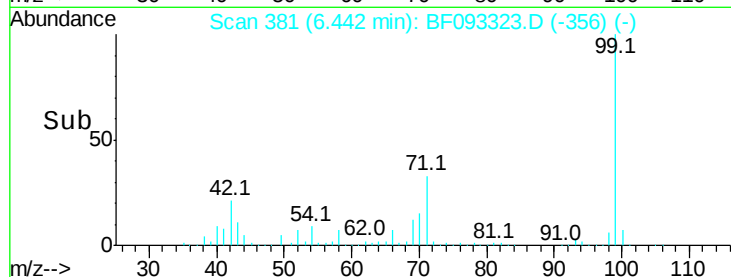
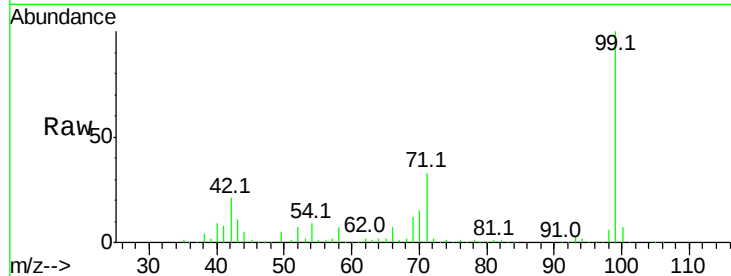
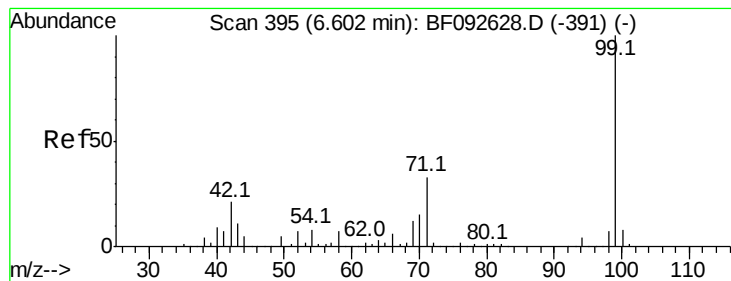
Delta R.T. -0.01 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	676664		
66	69.4	76.2	114.2#	
65	38.4	49.3	73.9#	





#7

Phenol-d6

Concen: 79.67 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Tot Ion	99	Resp	991365
Ion Ratio	Lower	Upper	
99	100		
42	21.5	15.6	23.4
71	33.1	27.5	41.3

Instrument :

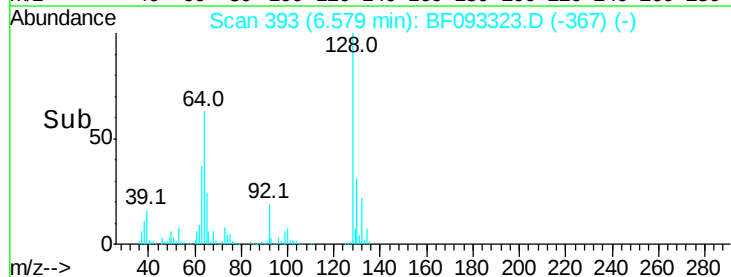
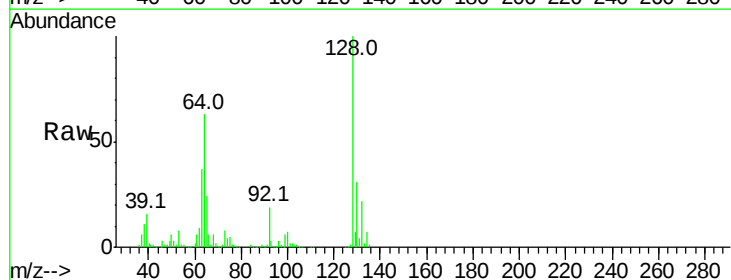
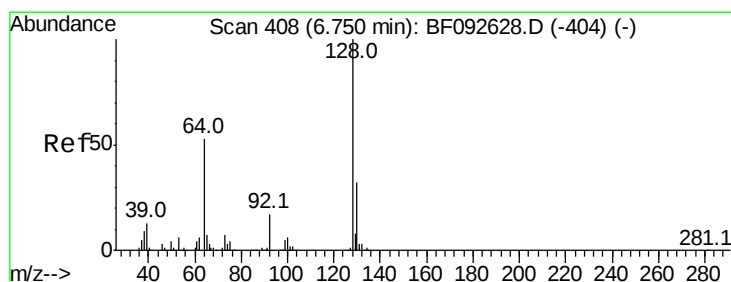
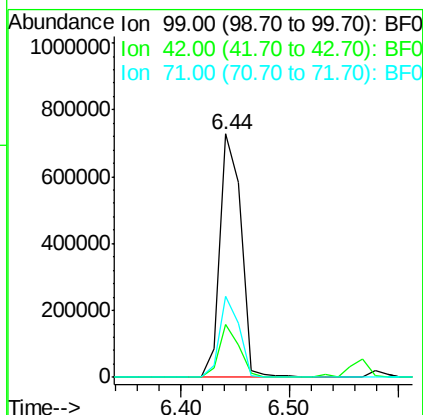
BNA_F

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SSTDCCC040

Manual Integrations
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#8

2-Chlorophenol

Concen: 40.88 ng

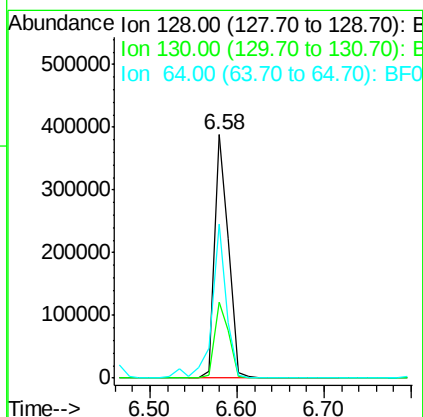
RT: 6.58 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Tgt Ion	128	Resp	436165
Ion Ratio	Lower	Upper	
128	100		
130	31.2	12.3	52.3
64	63.3	32.2	72.2





#9

Benzaldehyde

Concen: 35.43 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Instrument :

BNA_F

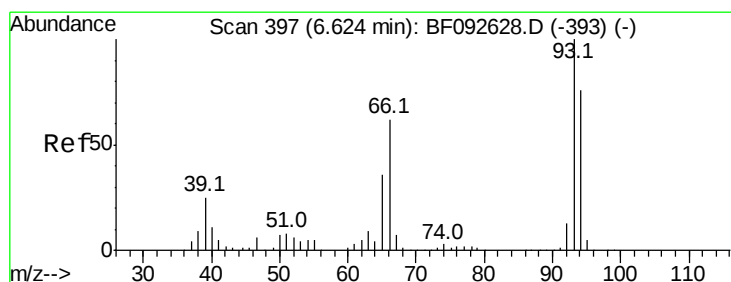
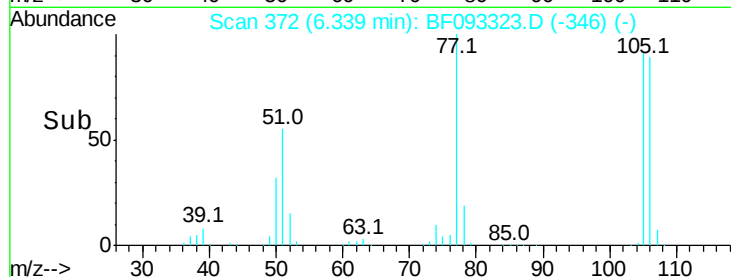
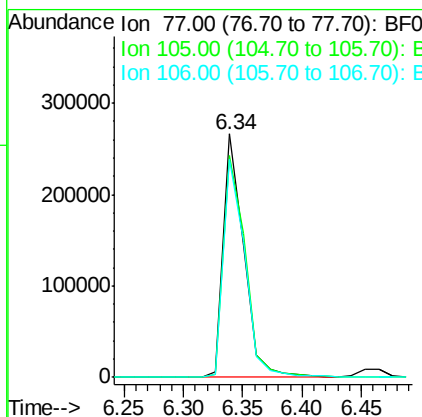
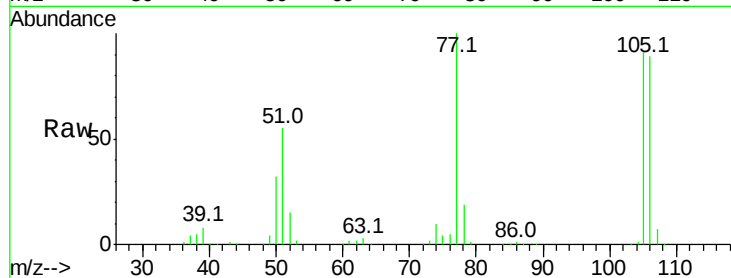
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	315834
Ion	Ratio	Lower	Upper
77	100		
105	91.3	83.9	123.9
106	89.4	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 38.33 ng

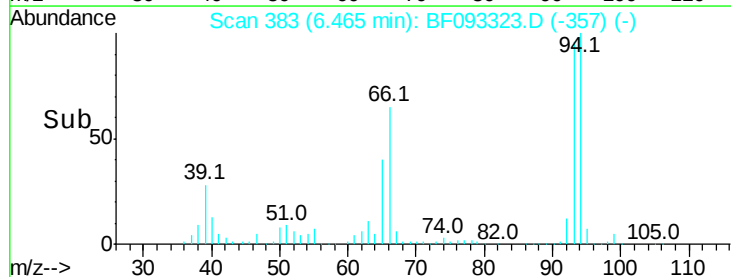
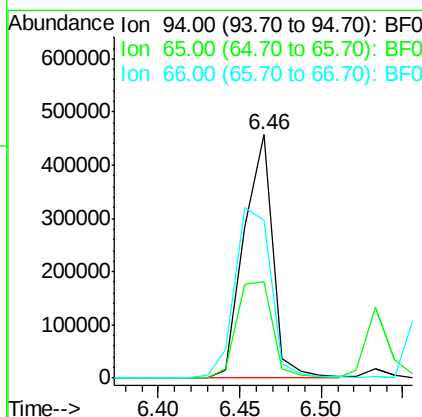
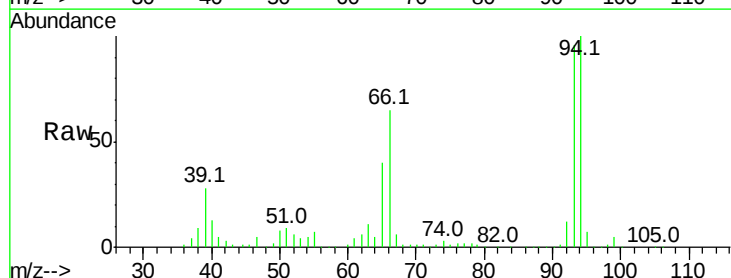
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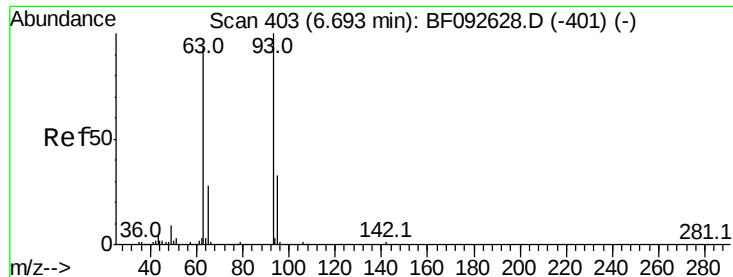
Delta R.T. -0.00 min

Lab File: BF093323.D

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Tgt Ion:	94	Resp:	558115
Ion	Ratio	Lower	Upper
94	100		
65	39.6	21.4	61.4
66	65.0	44.0	84.0





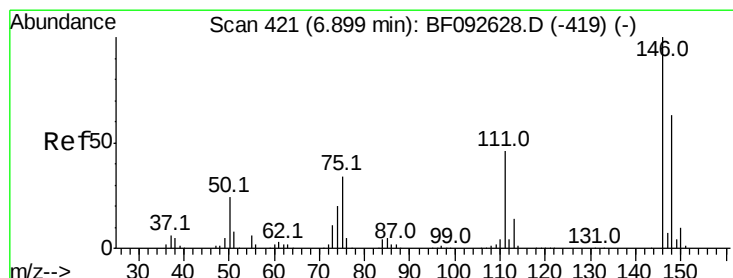
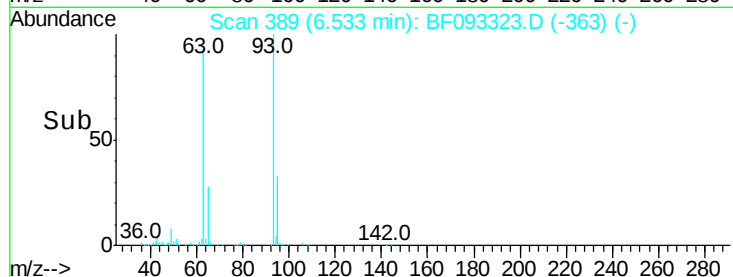
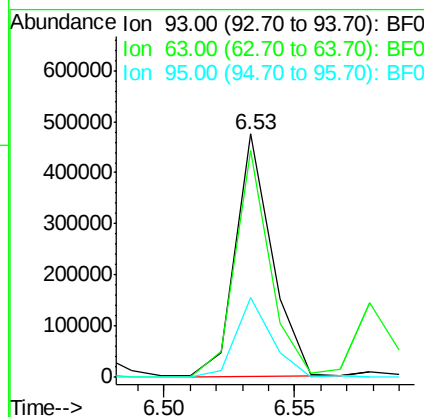
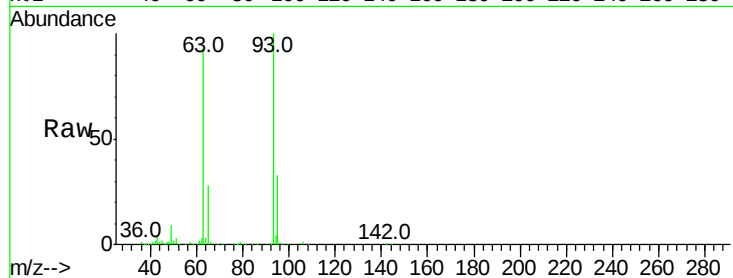
#11
bis(2-Chloroethyl)ether
Concen: 39.78 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	93.0	60.4	100.4
95	32.7	12.8	52.8

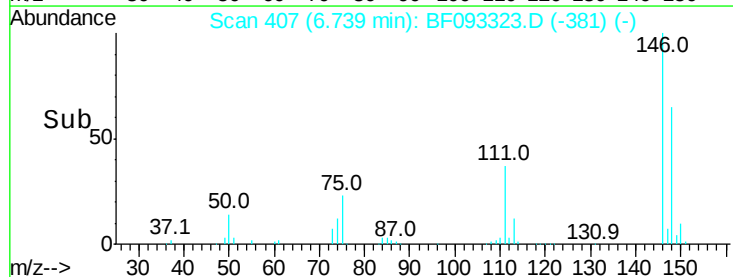
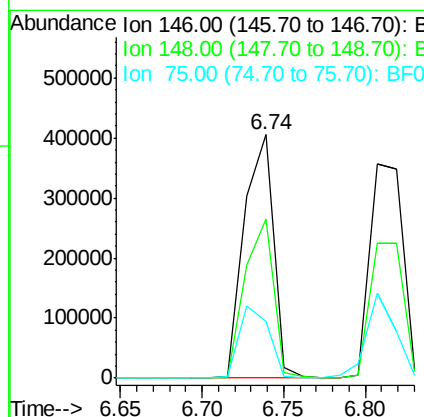
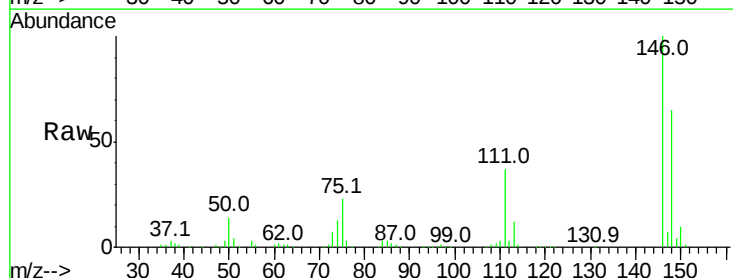
Manual Integrations
APPROVED

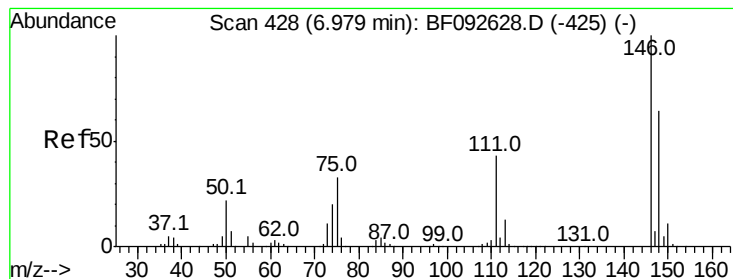
mohammad
3/3/2017 5:16:33 PM



#12
1,3-Dichlorobenzene
Concen: 40.29 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	53.4	80.0
75	23.3	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 39.98 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Instrument :

BNA_F

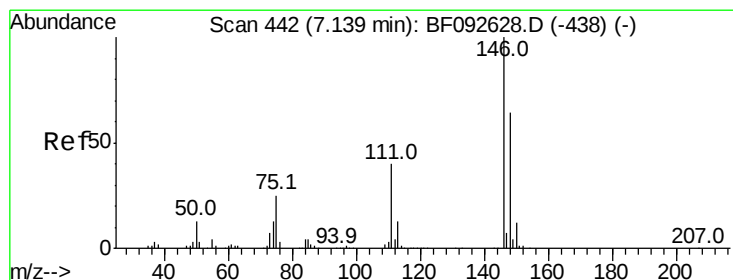
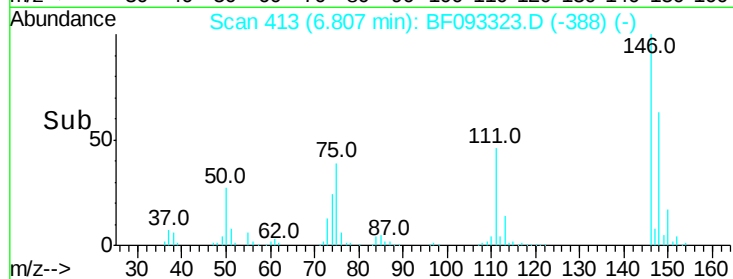
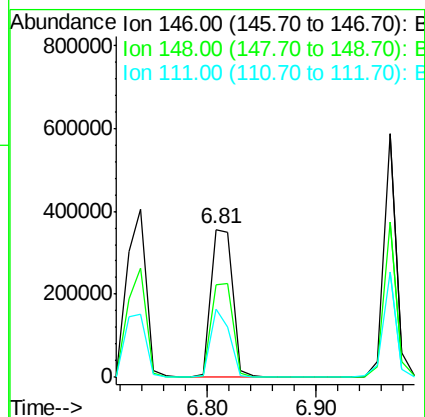
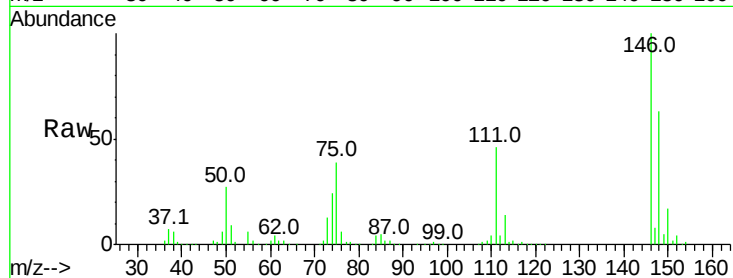
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	505627
Ion Ratio	Lower	Upper	
146	100		
148	62.9	50.6	76.0
111	45.9	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.34 ng

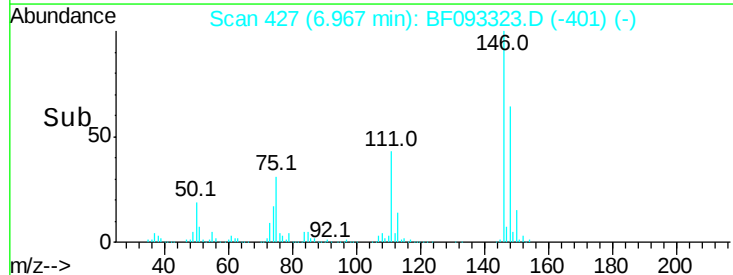
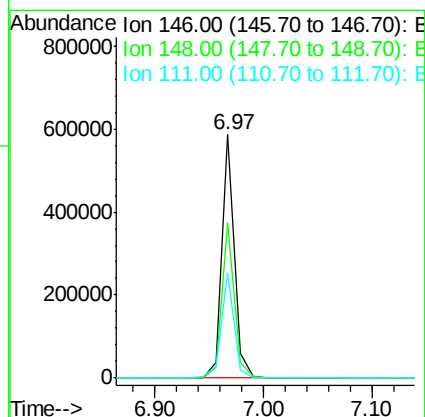
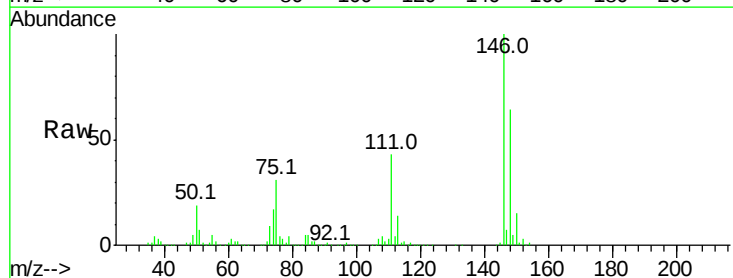
RT: 6.97 min Scan# 427

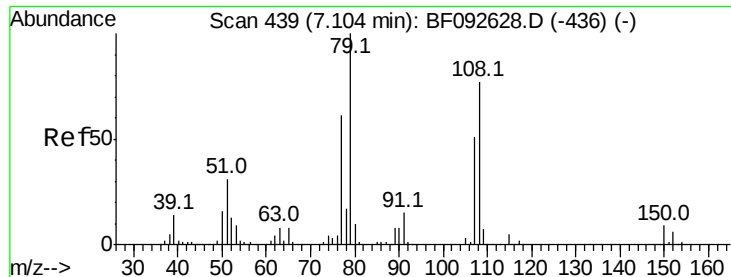
Delta R.T. -0.00 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Tgt Ion:	146	Resp:	475818
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.2	78.2
111	43.1	36.2	54.2





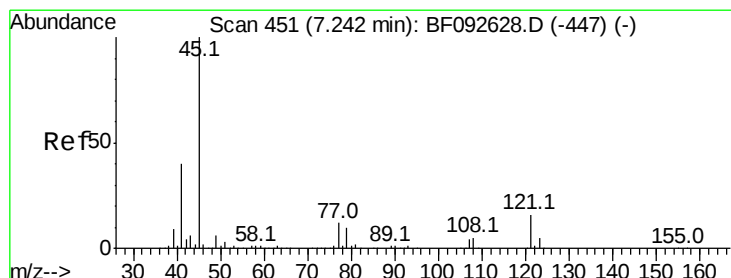
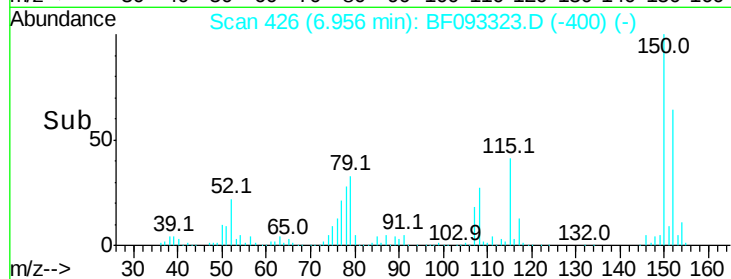
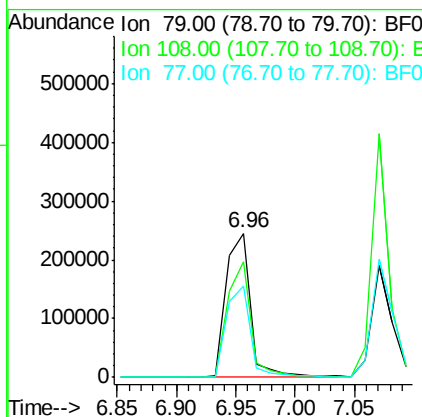
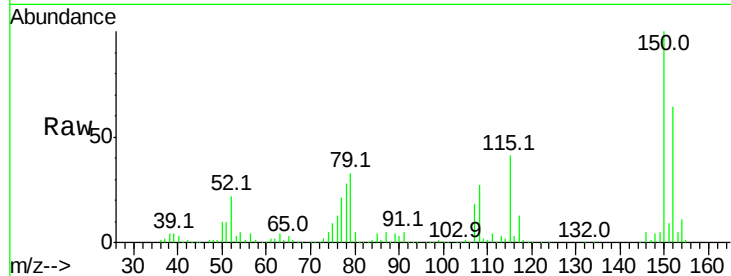
#15
Benzyl Alcohol
Concen: 38.11 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.3	61.4	92.0
77	63.1	50.9	76.3

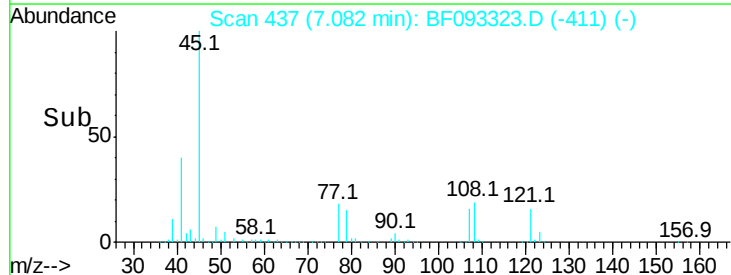
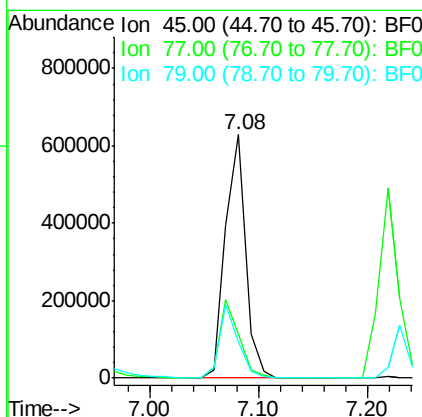
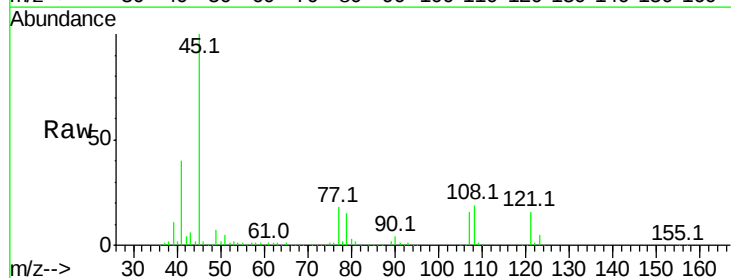
Manual Integrations
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.11 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.9	0.0	34.6
79	14.9	0.0	31.2





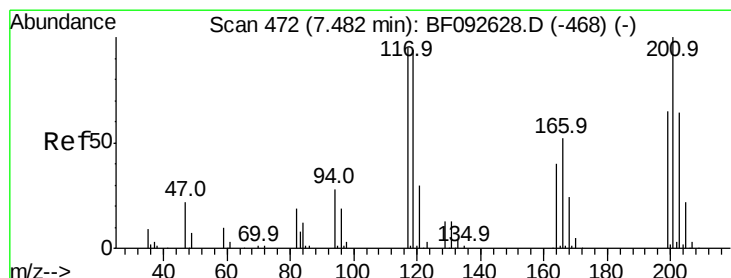
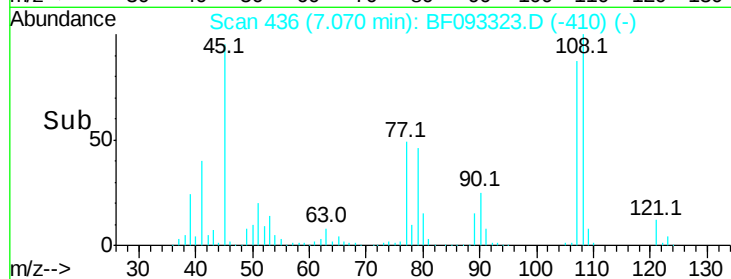
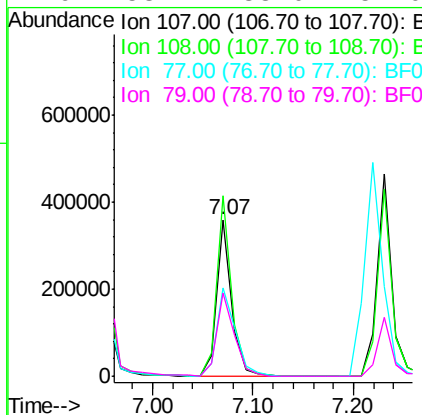
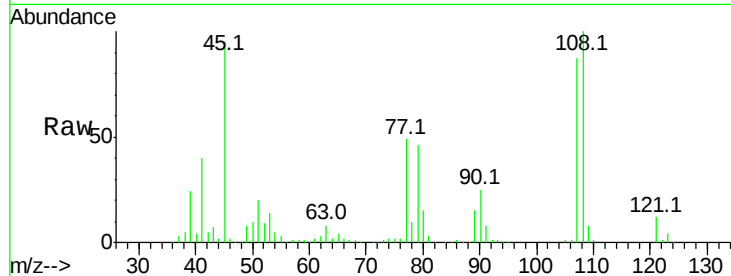
#17
2-Methylphenol
Concen: 40.03 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.3	93.0	139.6
77	56.1	39.8	59.8
79	53.2	38.0	57.0

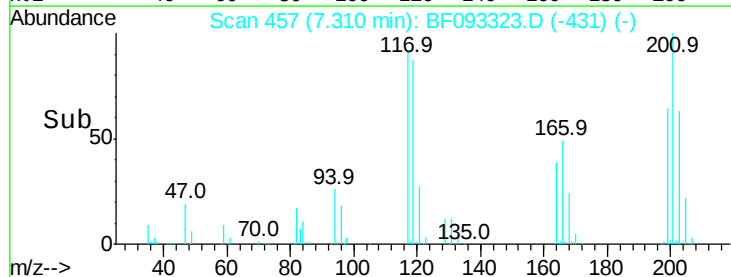
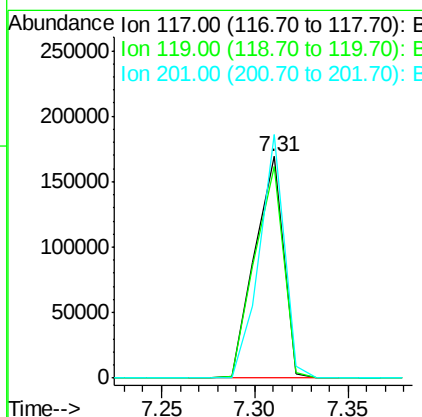
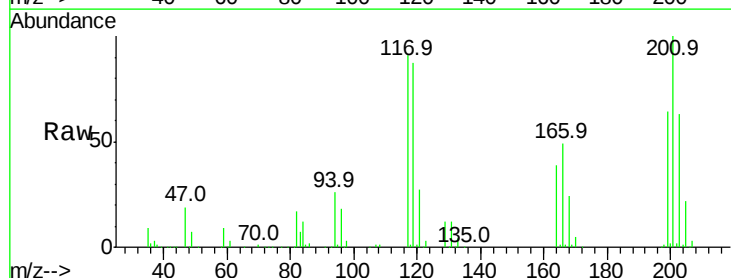
Manual Integrations
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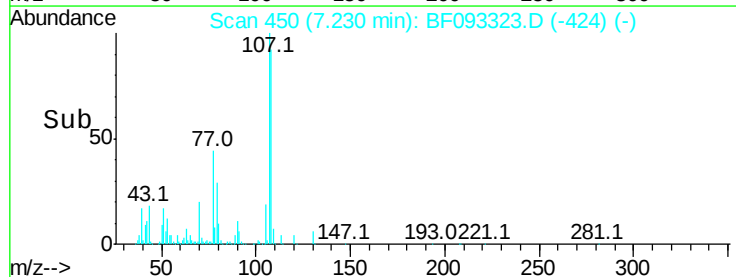
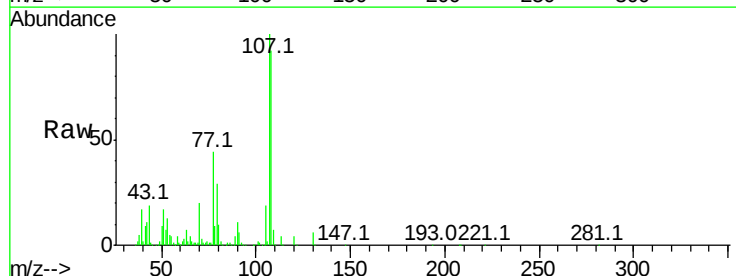
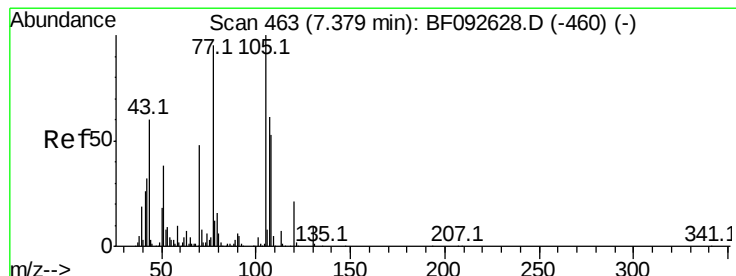
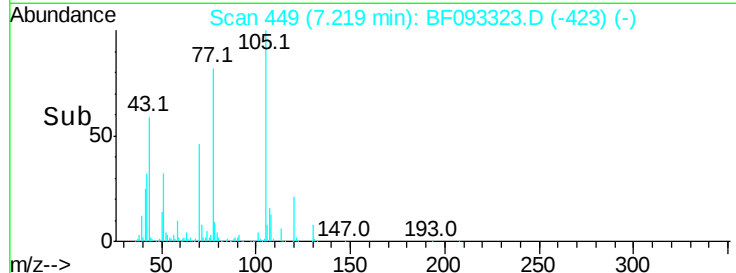
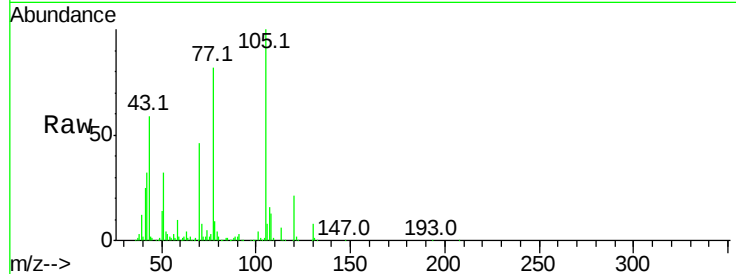
mohammad
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#18
Hexachloroethane
Concen: 41.66 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	78.1	117.1
201	110.0	78.6	117.8





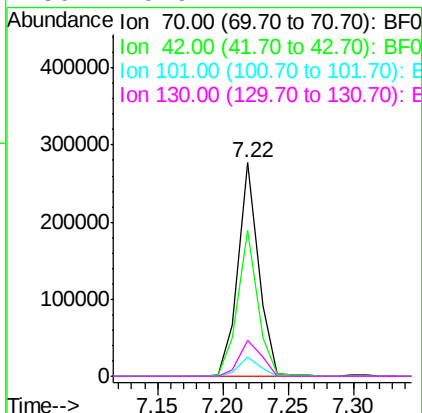
#19
n-Nitroso-di-n-propylamine
Concen: 38.51 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.1	49.4	74.0
101	9.0	7.4	11.2
130	16.6	14.2	21.4

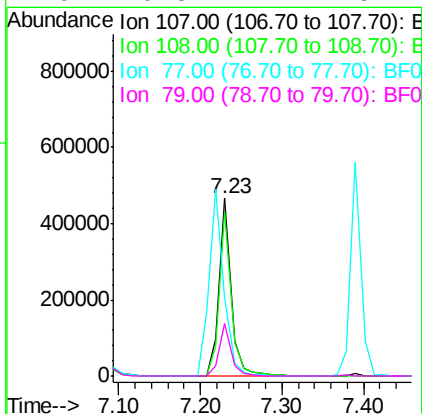
Manual Integrations
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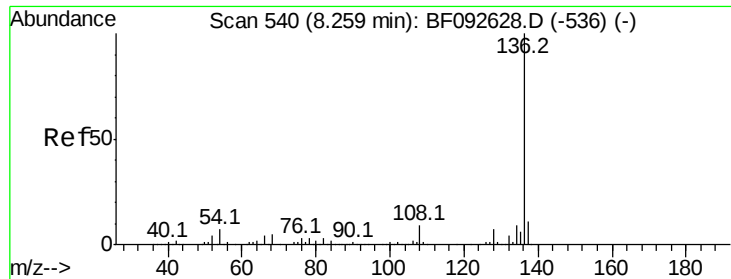
mohammad
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#20
3+4-Methylphenols
Concen: 43.77 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	73.0	113.0
77	44.2	71.3	111.3
79	29.3	11.1	51.1





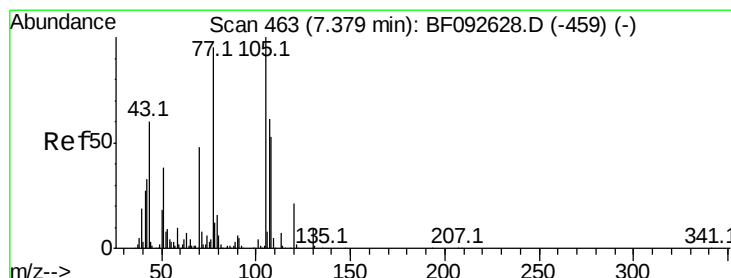
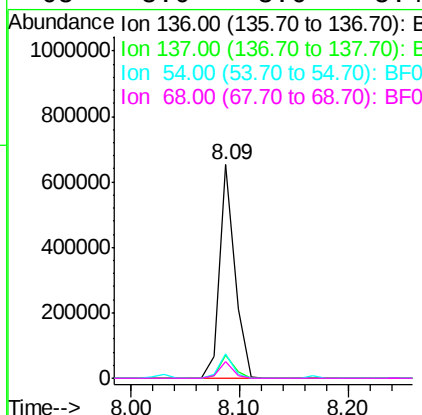
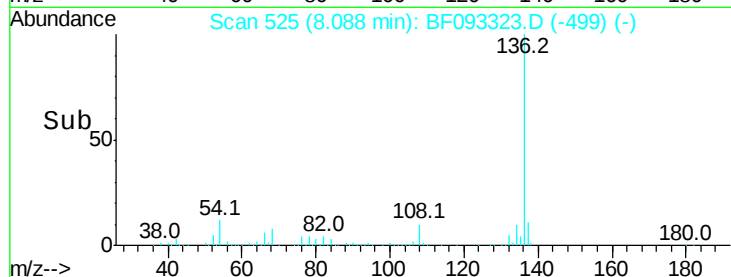
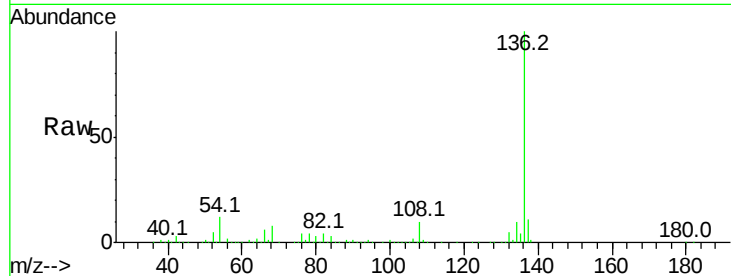
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.4	12.6	
54	11.6	4.5	6.7#	
68	8.0	3.6	5.4#	

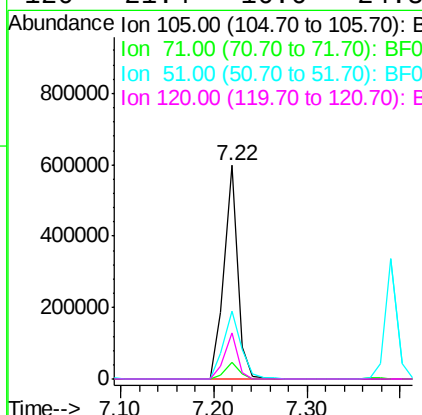
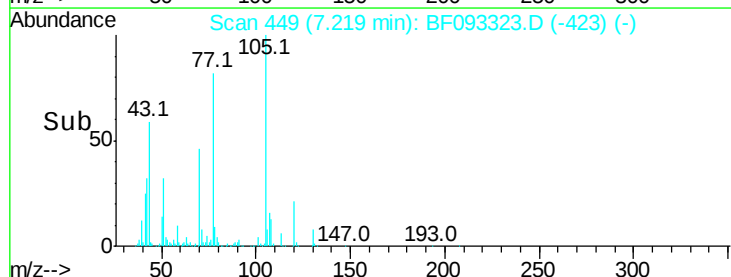
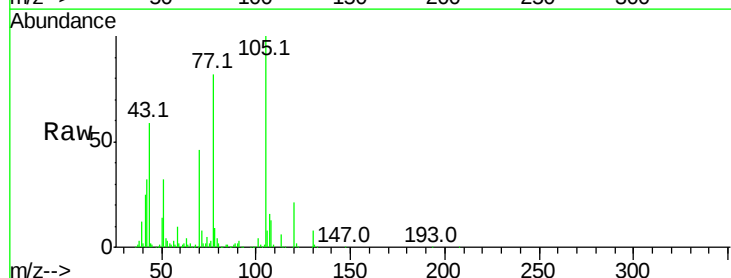
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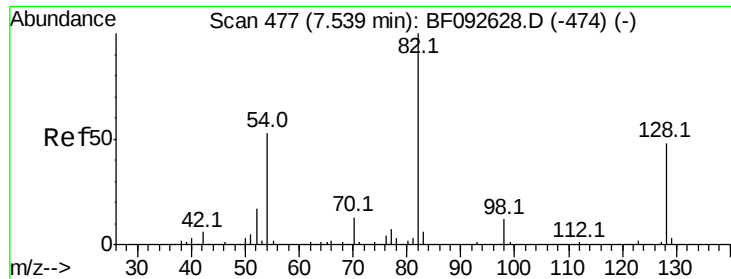
mohammad
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#22
Acetophenone
Concen: 41.64 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.9	3.2	4.8#	
51	31.7	26.2	39.4	
120	21.4	16.6	24.8	





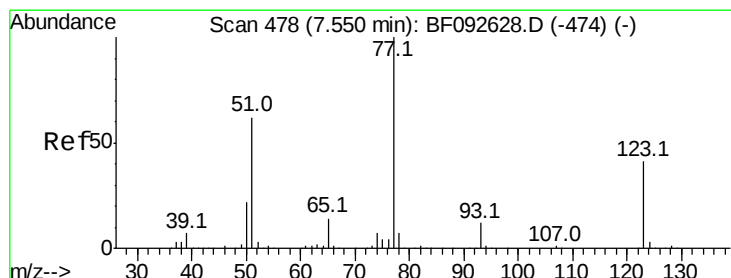
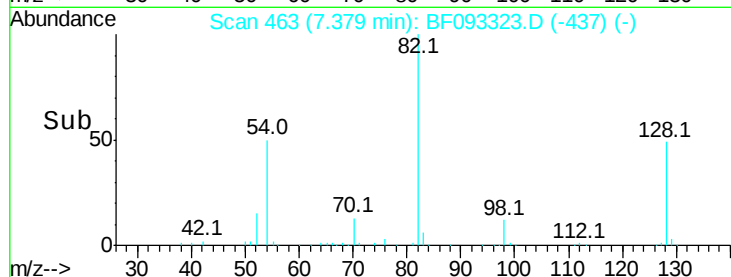
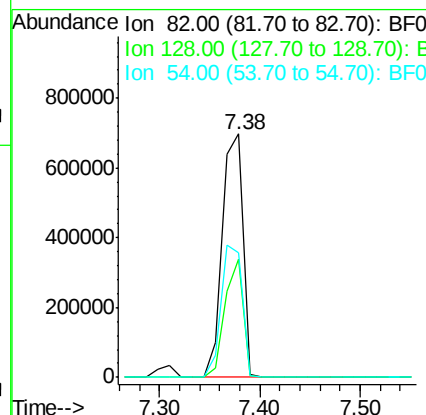
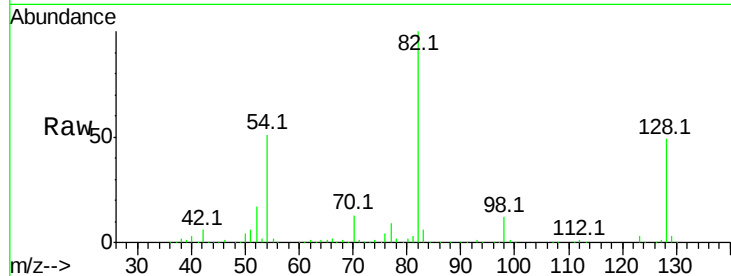
#23
 Nitrobenzene-d5
 Concen: 86.32 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.7	34.6	52.0	
54	51.2	39.5	59.3	

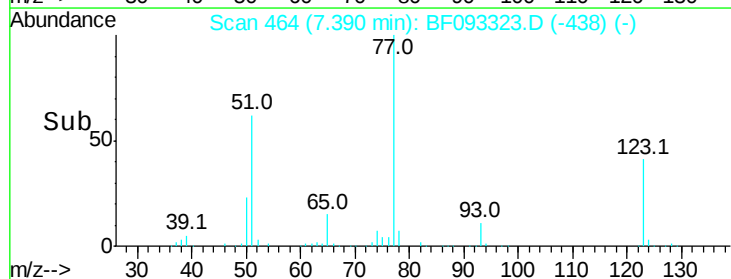
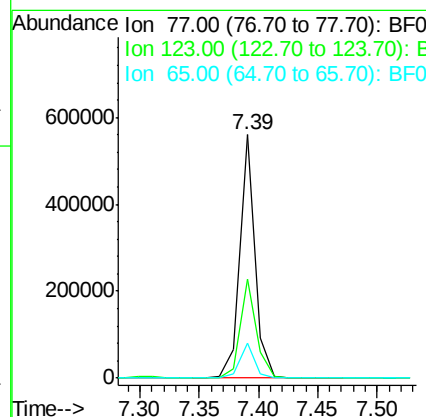
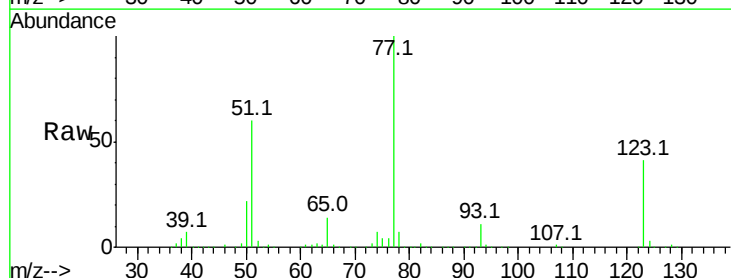
Manual Integrations
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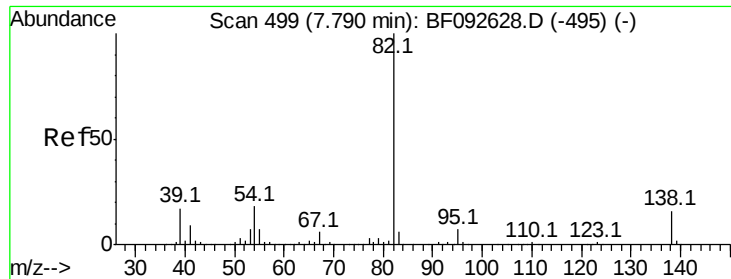
mohammad
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#24
 Nitrobenzene
 Concen: 41.92 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	40.7	33.0	49.4	
65	14.3	11.2	16.8	





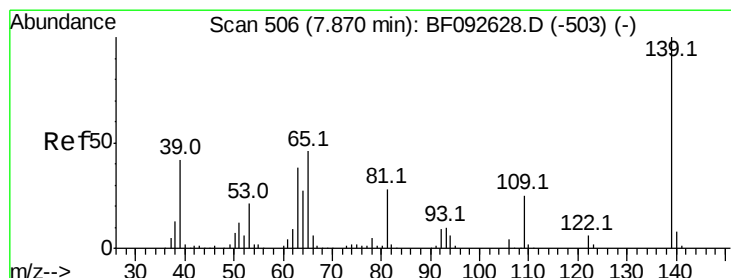
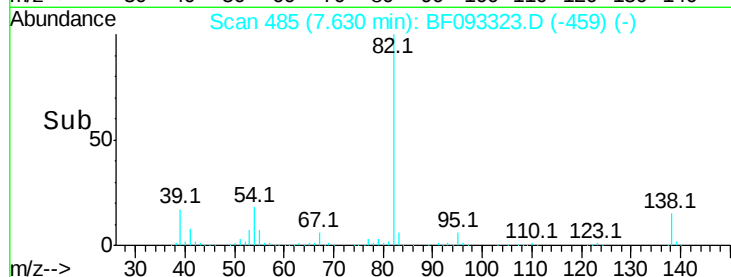
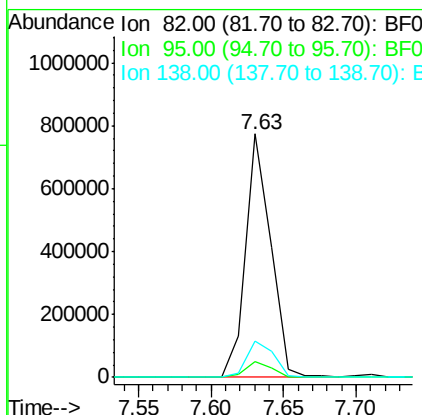
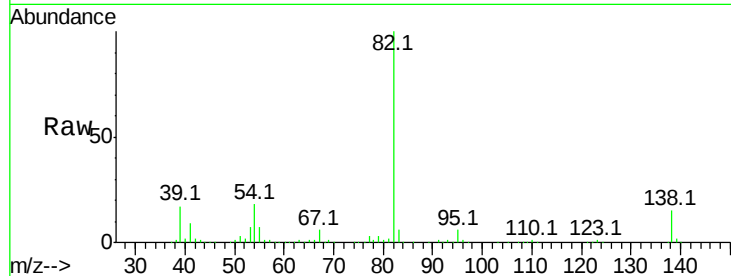
#25
Isophorone
Concen: 43.39 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.3	5.6	8.4
138	14.9	14.6	22.0

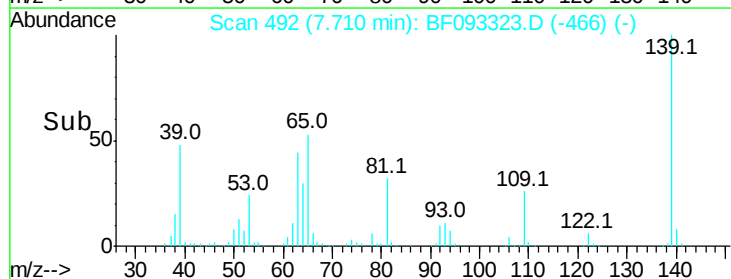
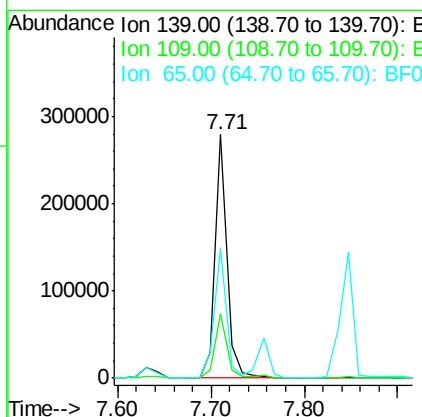
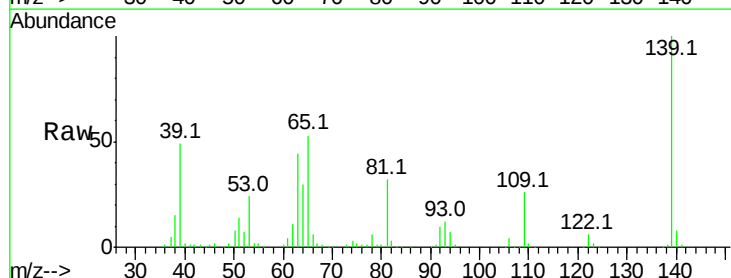
Manual Integrations
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#26
2-Nitrophenol
Concen: 43.79 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.3	23.3	34.9
65	53.1	42.7	64.1





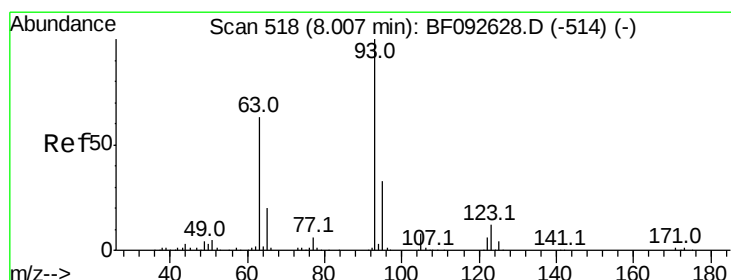
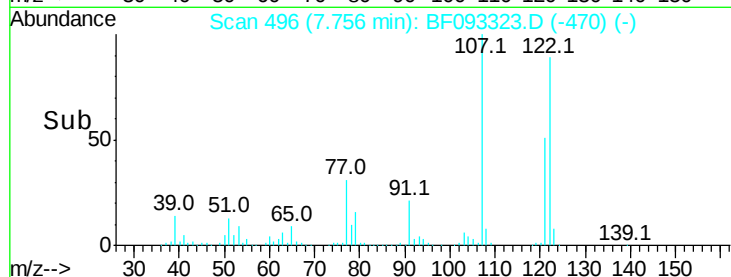
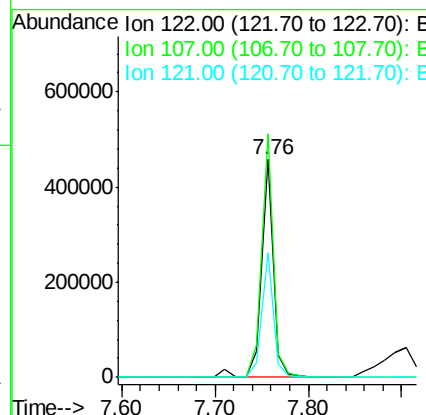
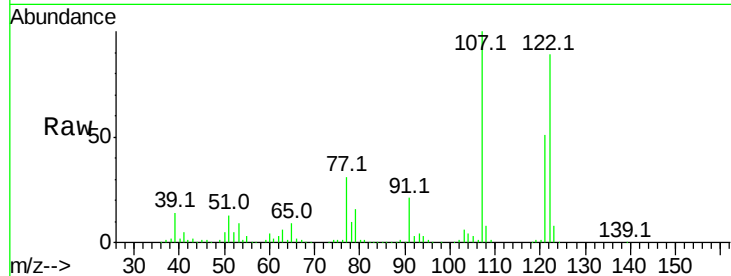
#27
2,4-Dimethylphenol
Concen: 41.43 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.0	94.1	141.1
121	57.4	46.0	69.0

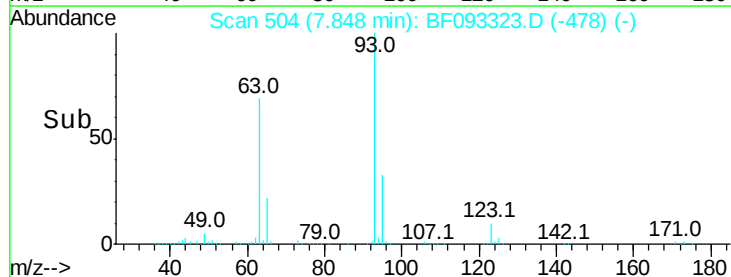
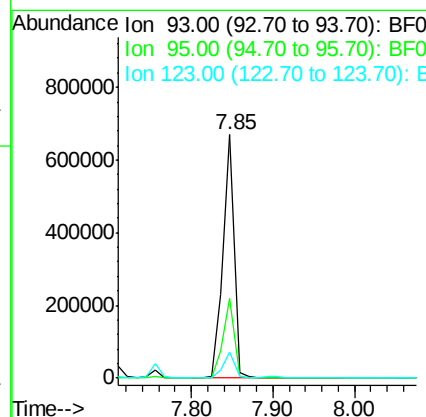
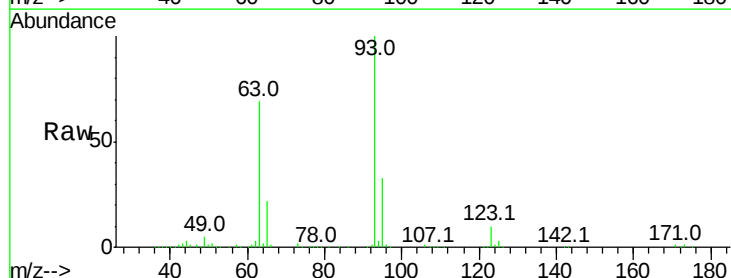
Manual Integrations
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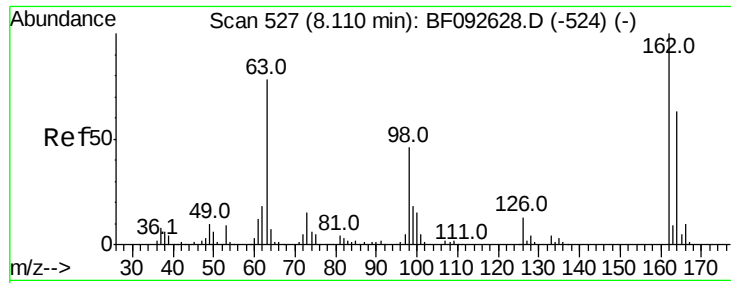
mohammad
3/3/2017 5:16:33 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.90 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	10.5	8.6	13.0





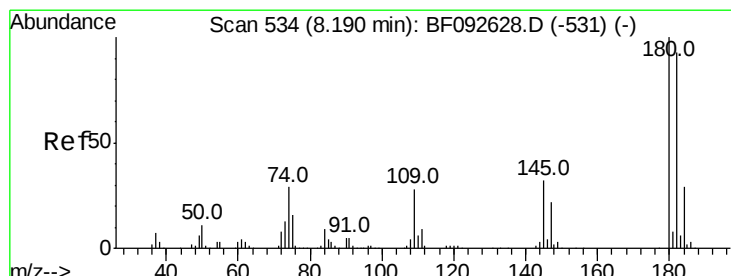
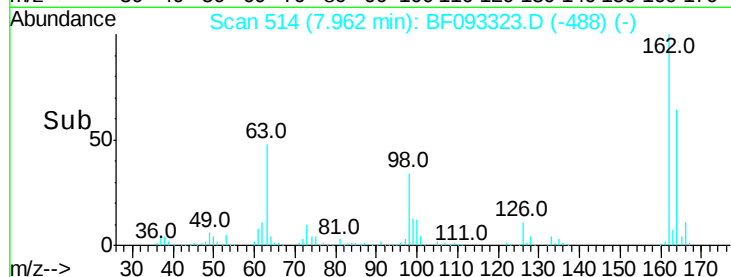
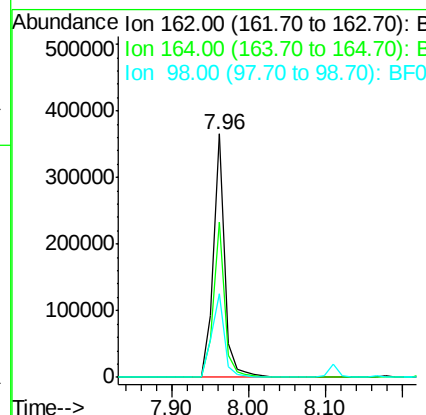
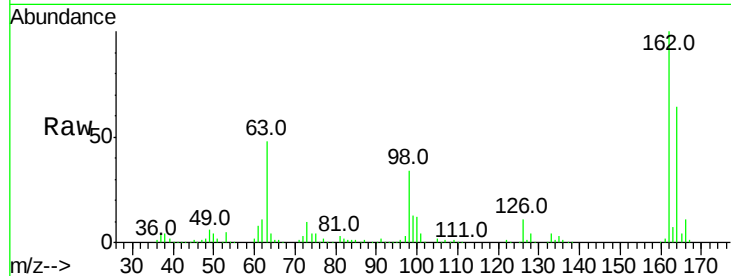
#29
 2,4-Dichlorophenol
 Concen: 39.99 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	369131		
164	63.8	46.8	86.8	
98	34.3	9.1	49.1	

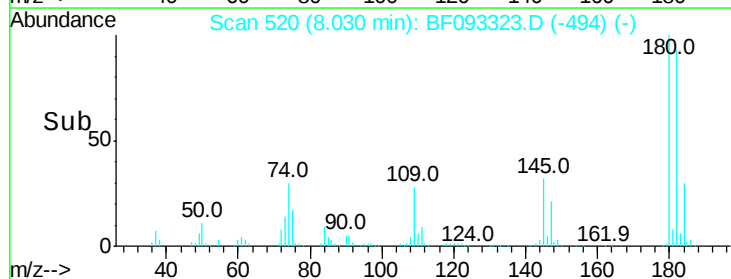
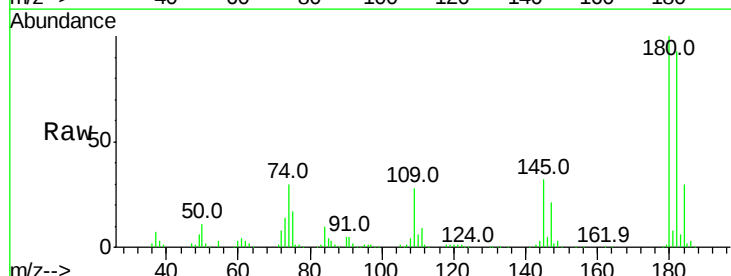
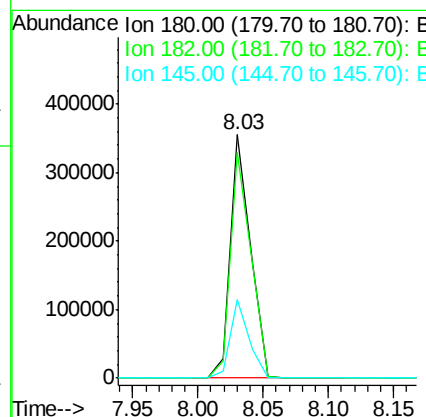
Manual Integrations
 APPROVED

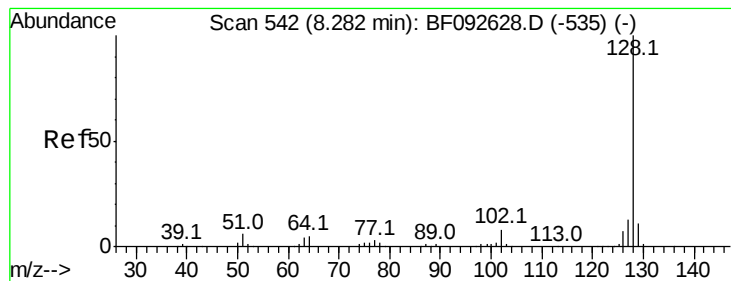
mohammad
 3/3/2017 5:16:33 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.38 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	381708		
182	92.9	78.2	117.4	
145	32.4	21.6	32.4	





#31

Naphthalene

Concen: 37.84 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1233233

Ion Ratio Lower Upper

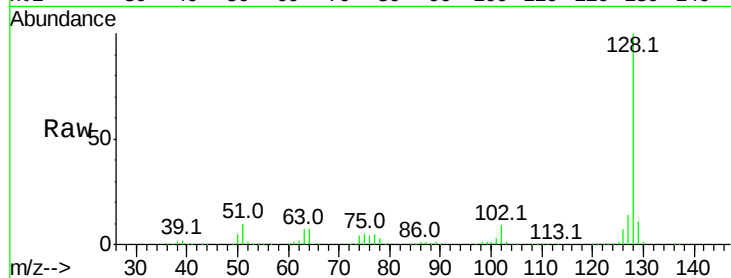
128 100

129 11.5 9.5 14.3

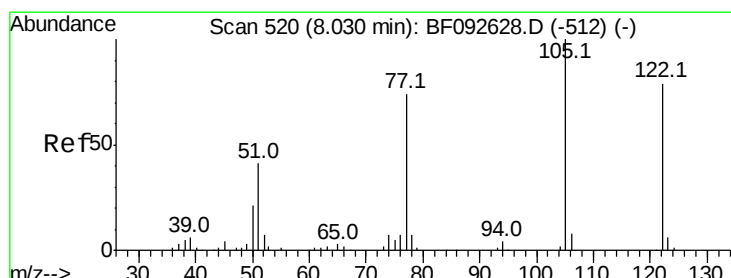
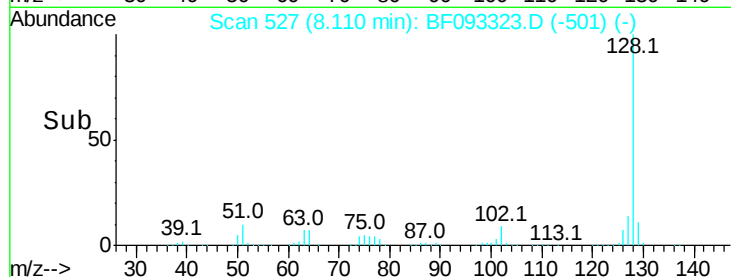
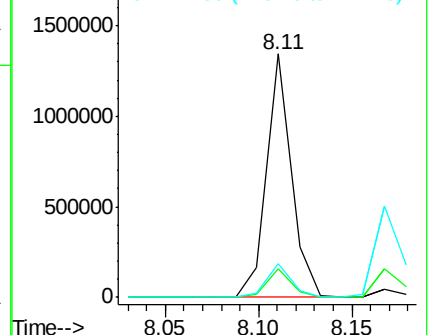
127 13.6 10.8 16.2

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



#32

Benzoic acid

Concen: 31.59 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

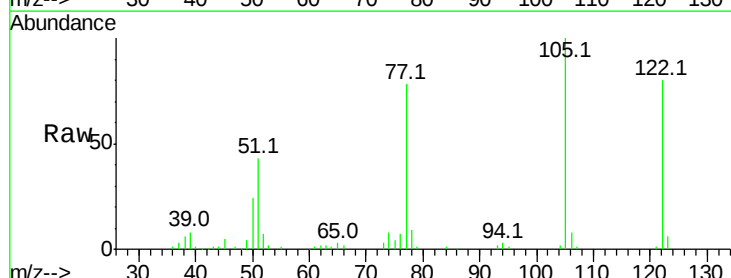
Tgt Ion:122 Resp: 160979

Ion Ratio Lower Upper

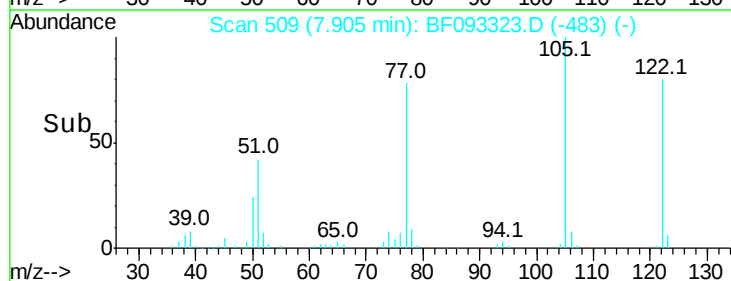
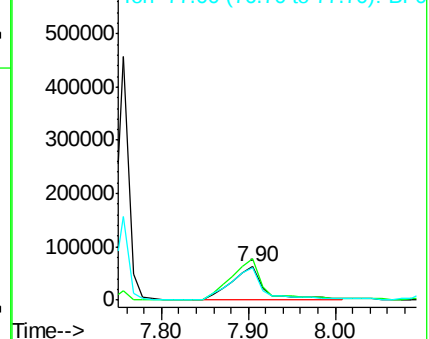
122 100

105 125.3 107.2 147.2

77 97.7 74.5 114.5



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





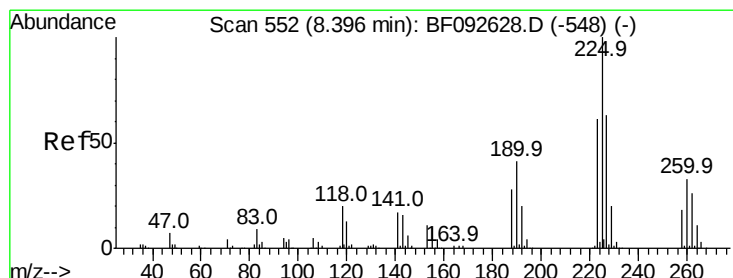
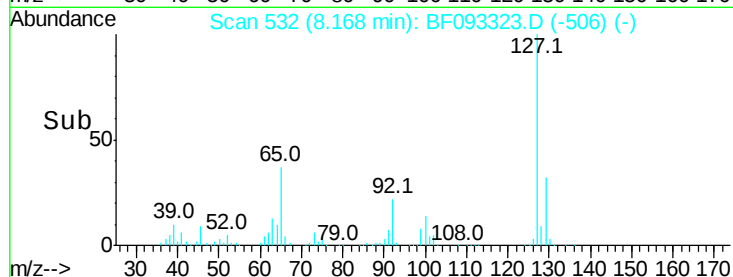
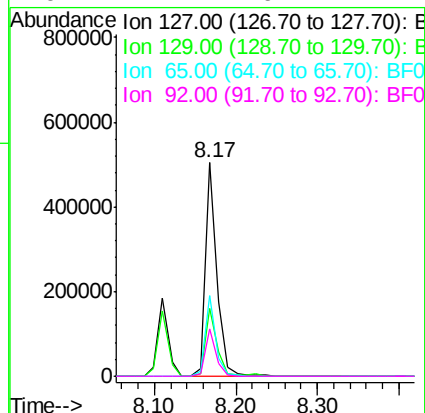
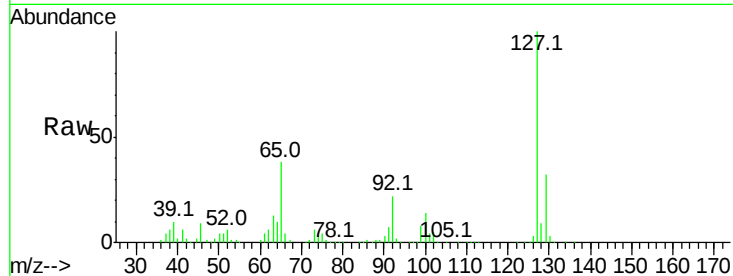
#33
4-Chloroaniline
Concen: 39.68 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100	507111		
129	31.9	26.3	39.5	
65	37.5	25.8	38.8	
92	22.4	16.1	24.1	

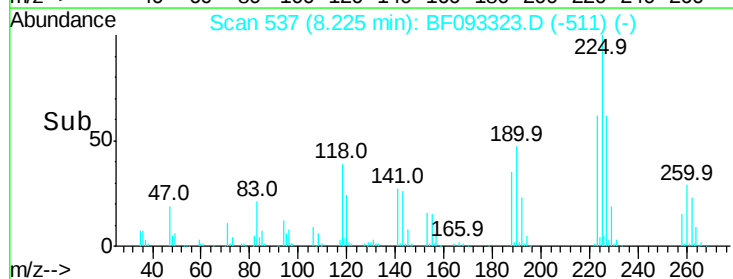
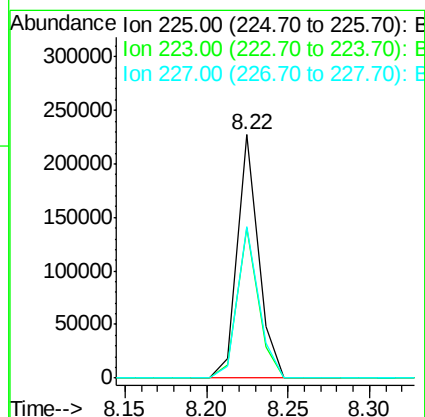
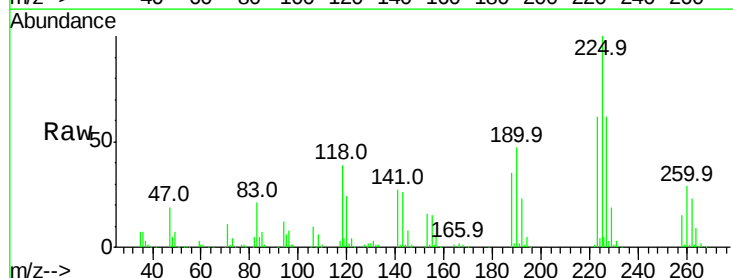
Manual Integrations
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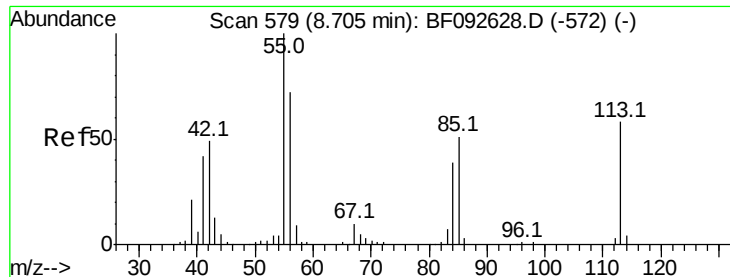
mohammad
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#34
Hexachlorobutadiene
Concen: 36.96 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	202271		
223	61.9	51.0	76.6	
227	62.1	50.6	76.0	





#35

Caprolactam

Concen: 41.69 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Instrument :

BNA_F

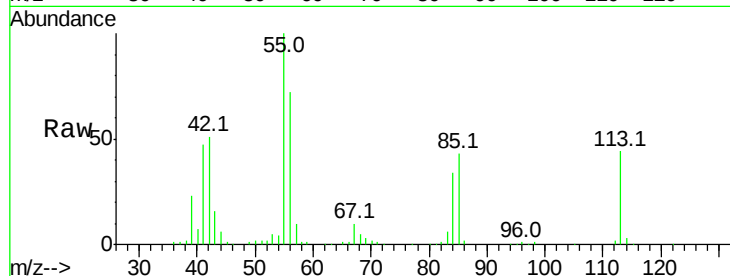
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	226.4	119.2	159.2#
56	162.8	83.8	123.8#

Manual Integrations
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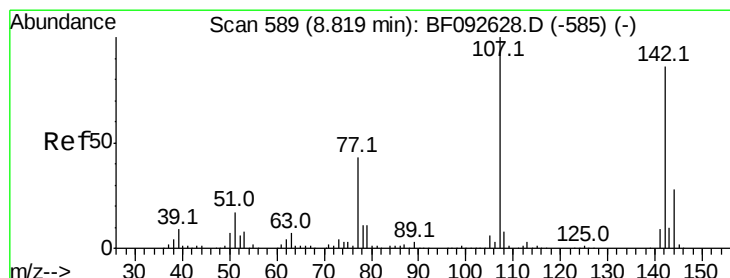
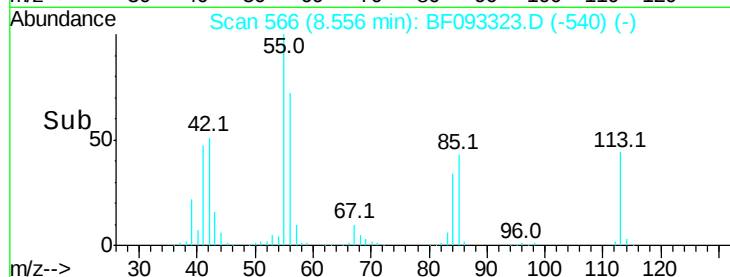
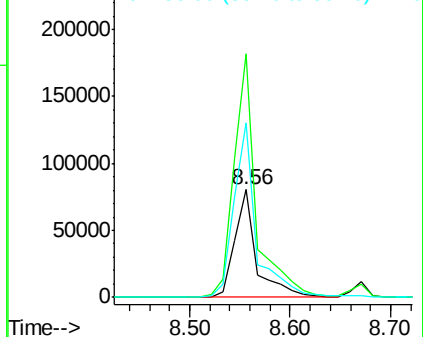
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.72 ng

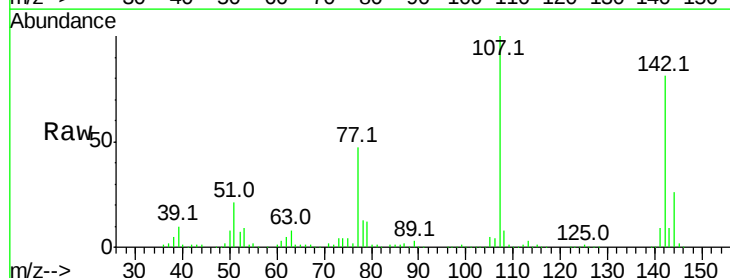
RT: 8.67 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

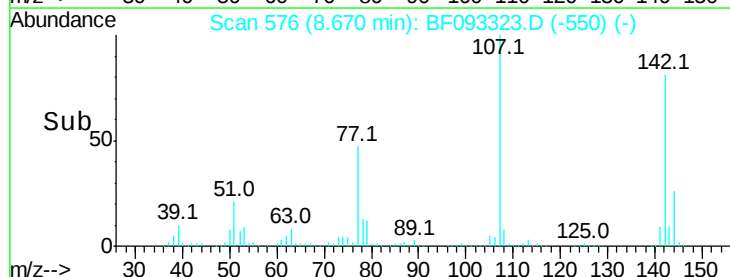
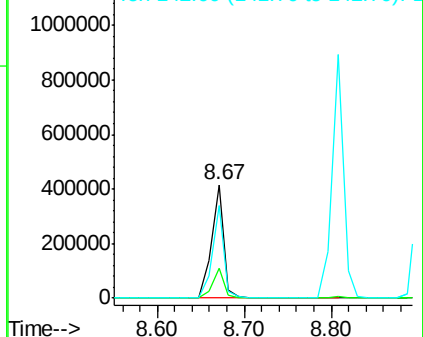
Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	19.3	28.9
142	81.4	59.0	88.6

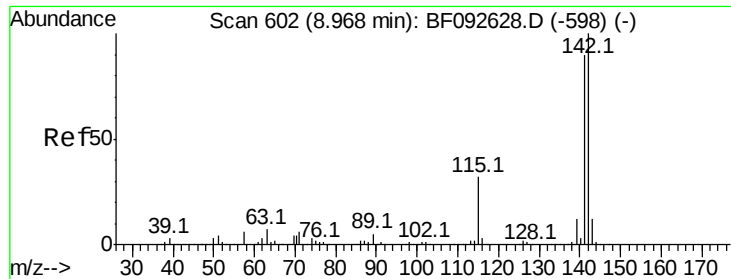


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





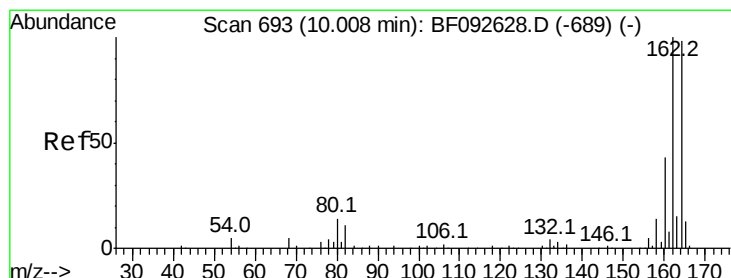
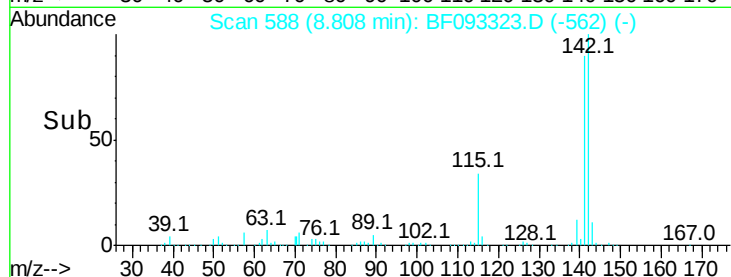
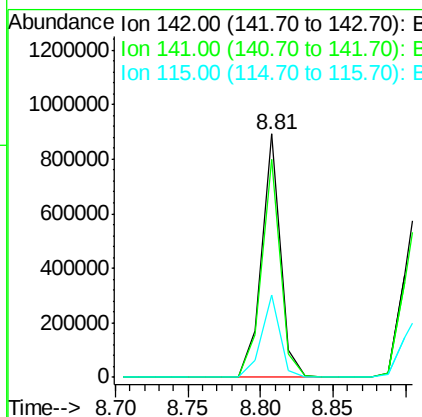
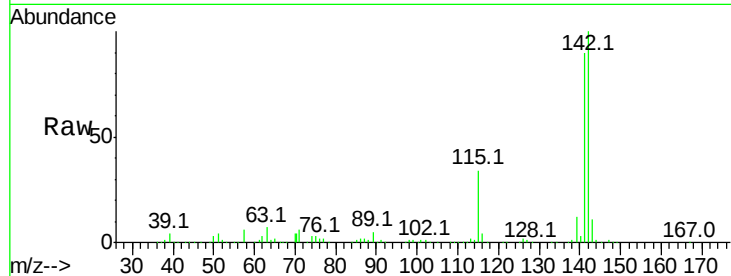
#37
2-Methylnaphthalene
Concen: 38.43 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.0	106.6
115	33.8	28.3	42.5

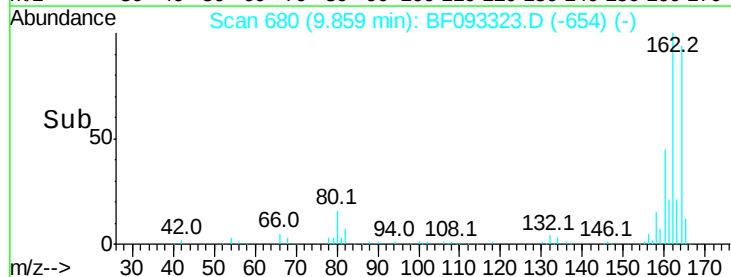
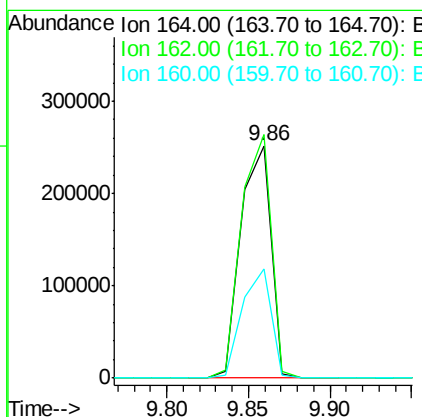
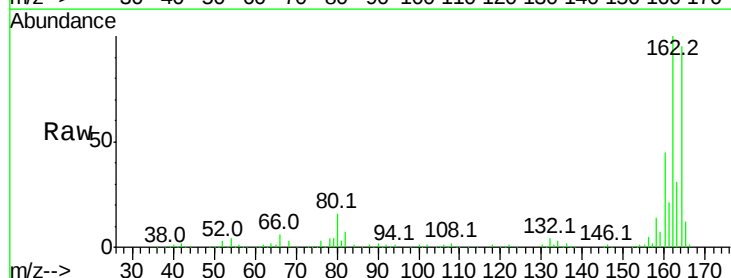
Manual Integrations
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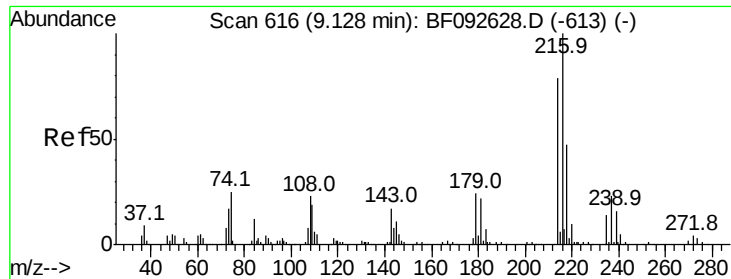
mohammad
3/3/2017 5:16:33 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	80.2	120.2
160	46.8	36.9	55.3





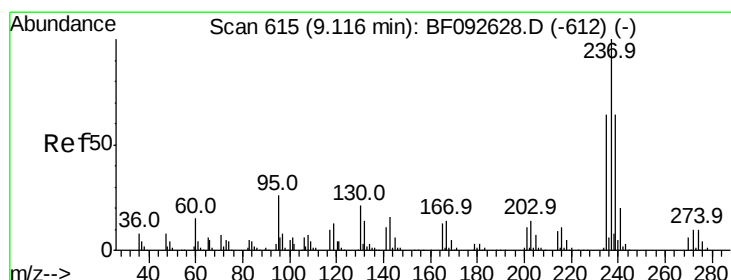
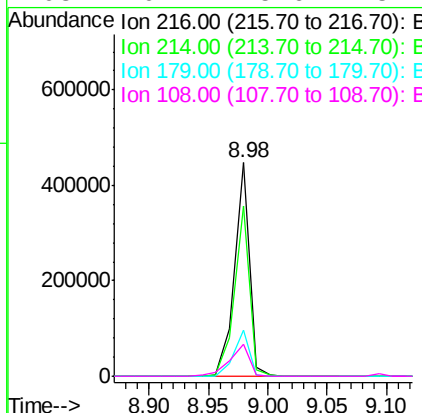
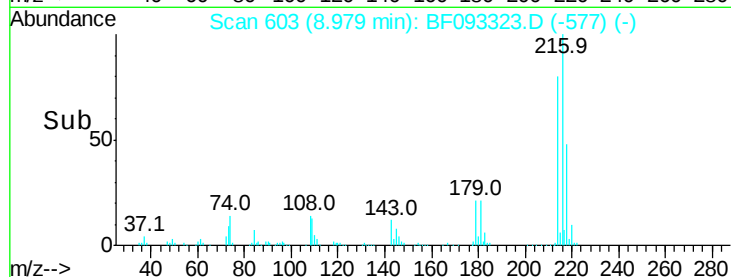
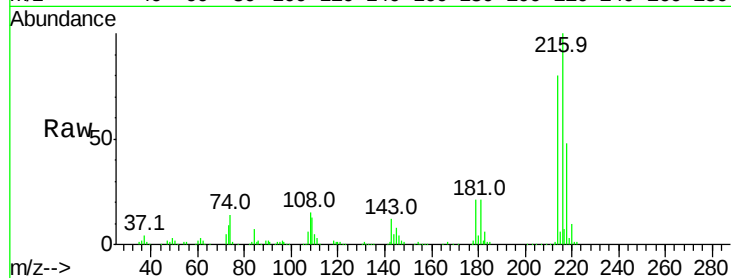
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.33 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	391728
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.4	95.0
179	21.9	17.4	26.2
108	20.2	15.6	23.4

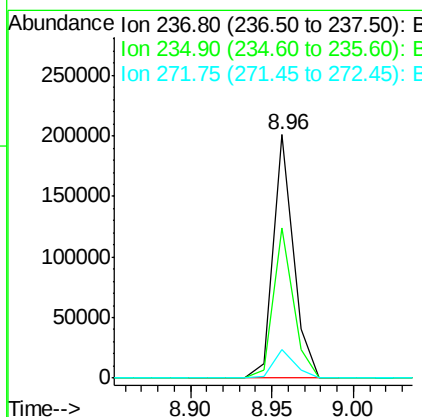
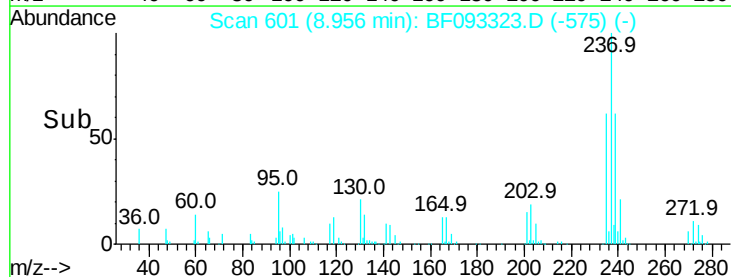
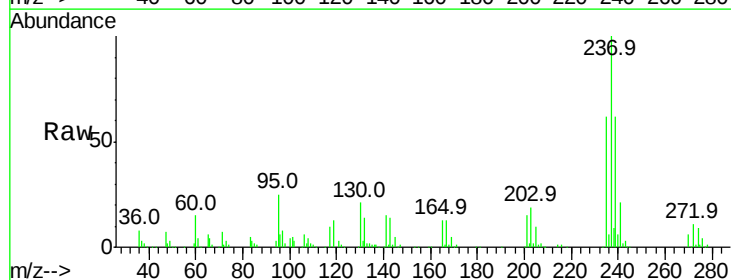
Manual Integrations
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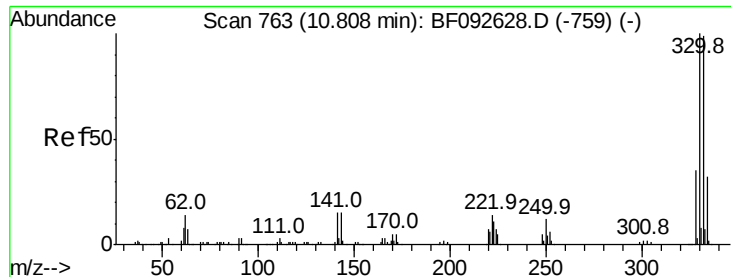
mohammad
 3/3/2017 5:16:33 PM



#40
 Hexachlorocyclopentadiene
 Concen: 42.64 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Tgt Ion:	237	Resp:	173929
Ion Ratio	Lower	Upper	
237	100		
235	61.8	41.2	81.2
272	11.5	0.0	35.4





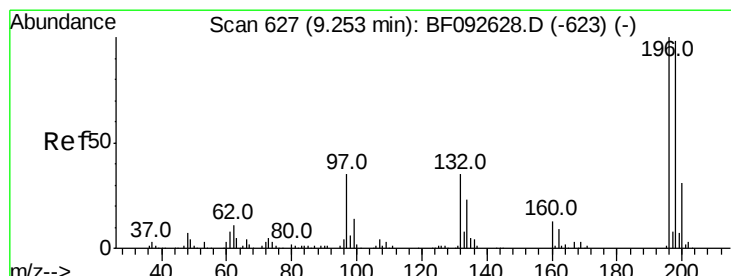
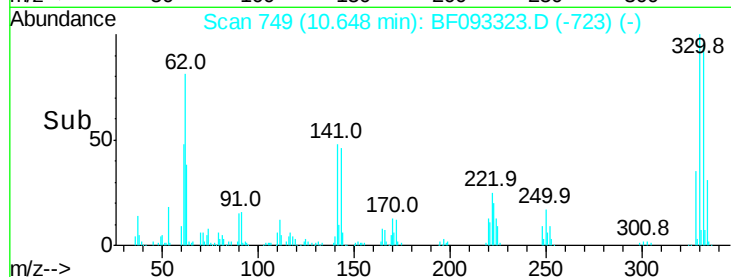
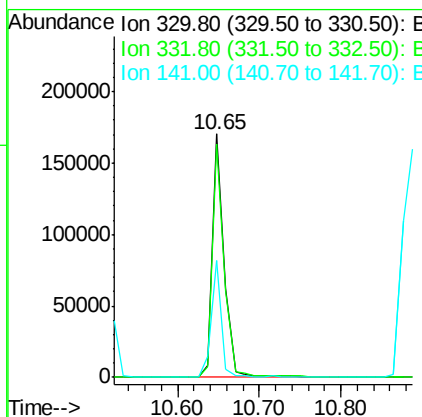
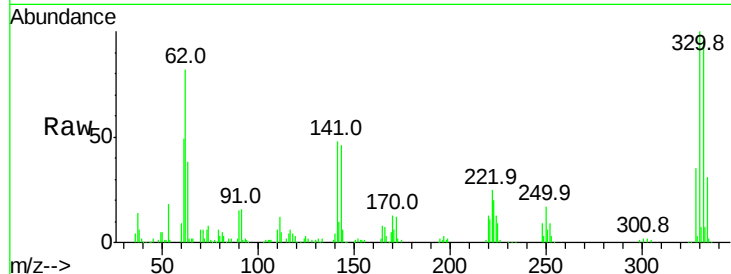
#41
 2,4,6-Tribromophenol
 Concen: 75.26 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	175303		
332	97.0		77.4	116.2
141	41.5		34.1	51.1

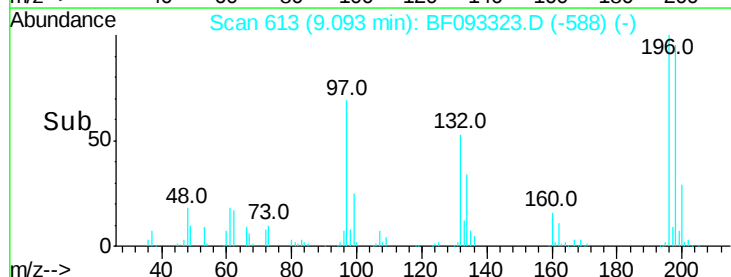
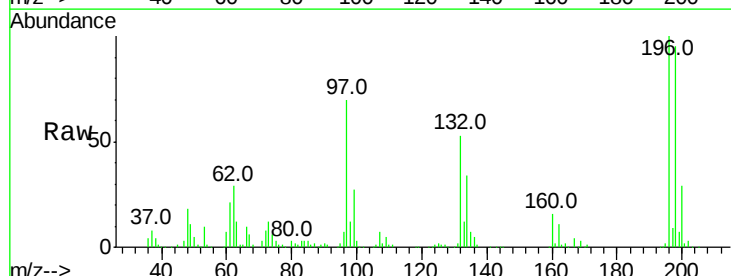
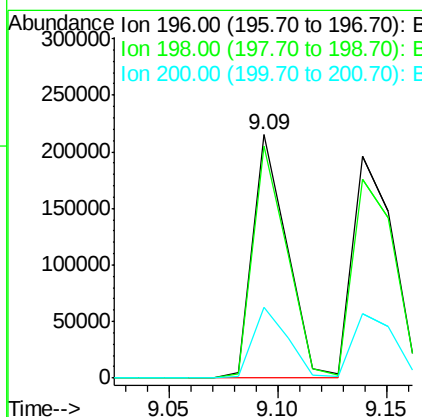
Manual Integrations
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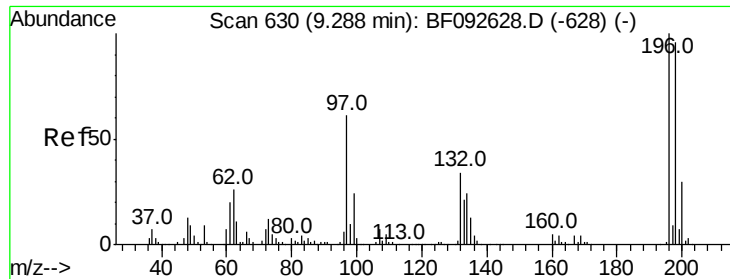
mohammad
 3/3/2017 5:16:33 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.61 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	235279		
198	95.2		82.1	123.1
200	29.2		27.0	40.4





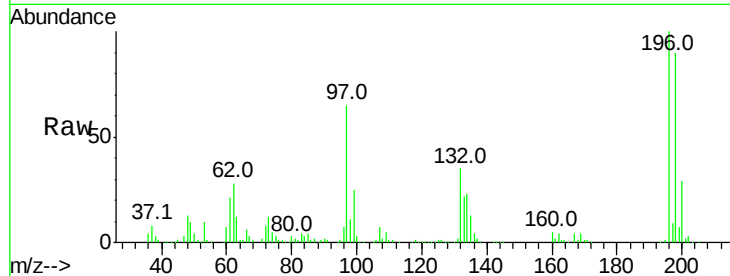
#43
 2,4,5-Trichlorophenol
 Concen: 39.74 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

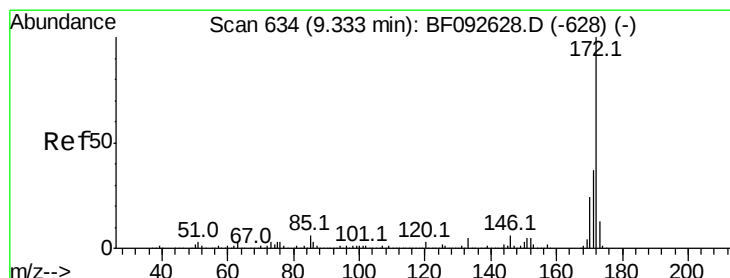
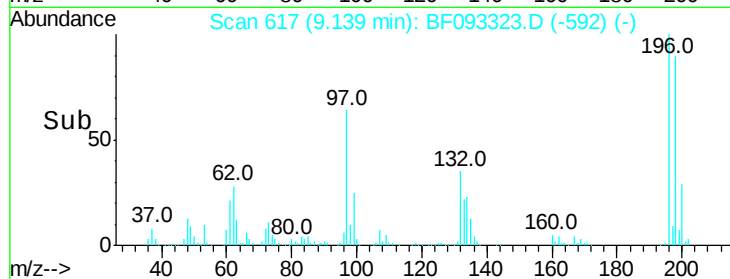
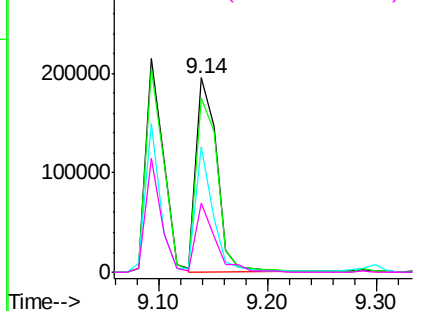
Tot Ion	196	Resp	258677
Ion Ratio	Lower	Upper	
196	100		
198	89.6	79.4	119.2
97	64.5	51.5	77.3
132	35.4	27.4	41.2

Manual Integrations
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 3/3/2017 5:16:33 PM



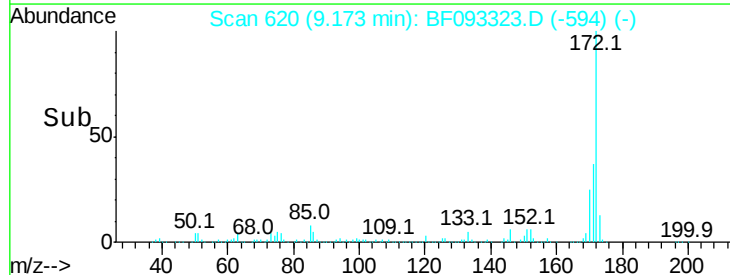
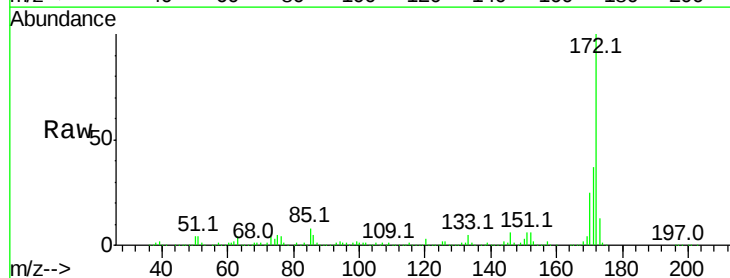
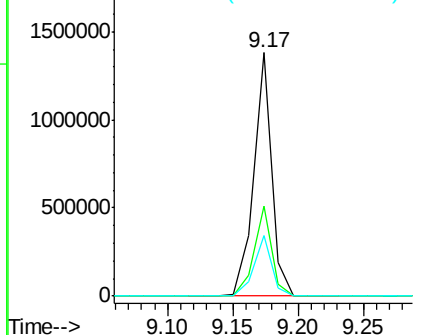
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

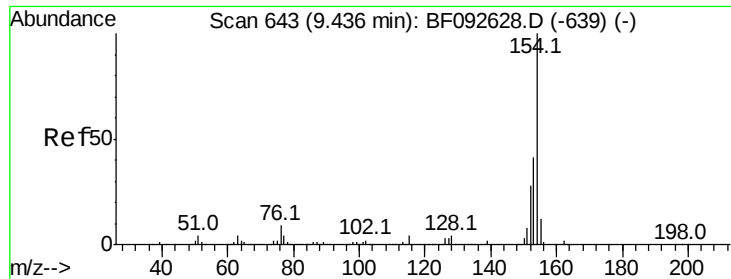


#44
 2-Fluorobiphenyl
 Concen: 74.50 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Tgt Ion	172	Resp	1324449
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.4	44.0
170	24.8	20.2	30.4

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





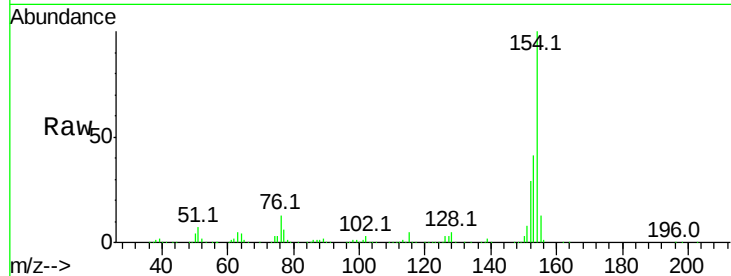
#45
1,1'-Biphenyl
Concen: 43.03 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.9	60.9
76	13.4	0.0	30.5

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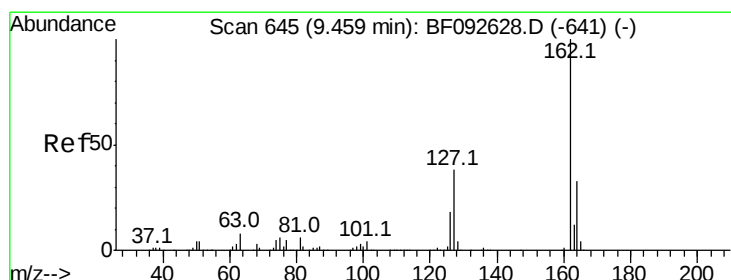
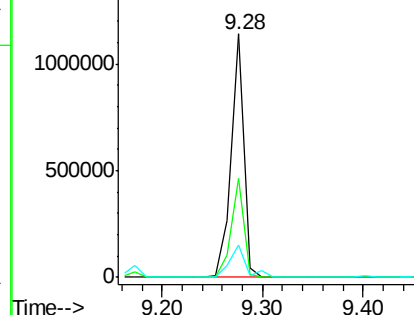
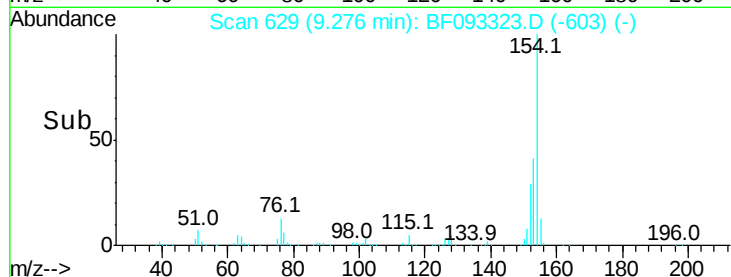


Abundance

Ion 154.00 (153.70 to 154.70): E

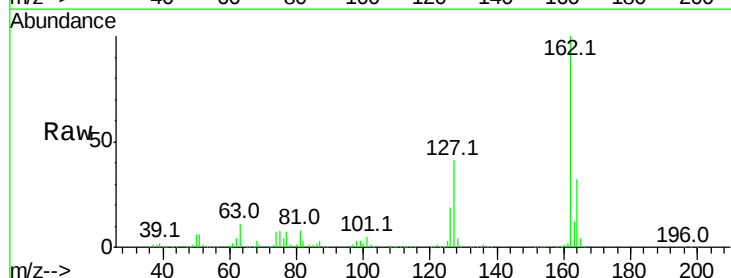
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#46
2-Chloronaphthalene
Concen: 41.24 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	30.7	46.1
164	32.5	27.6	41.4

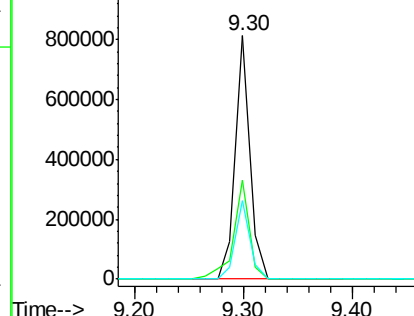
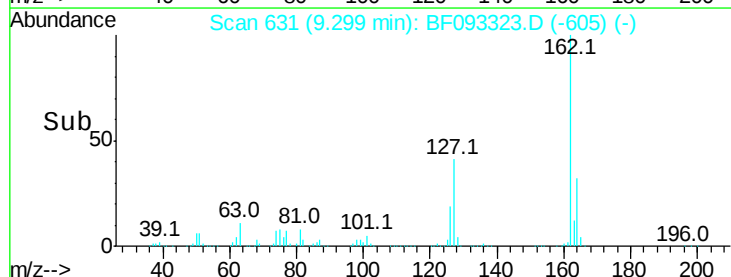


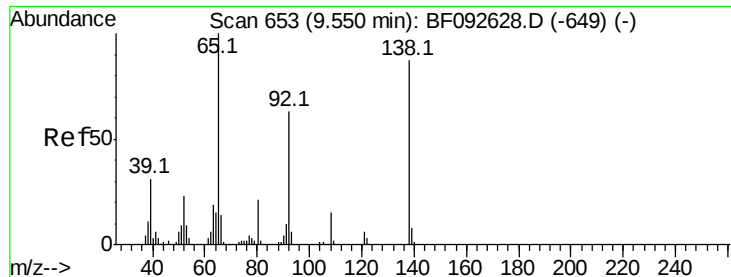
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





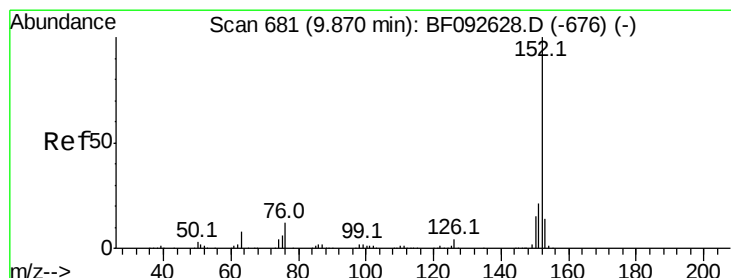
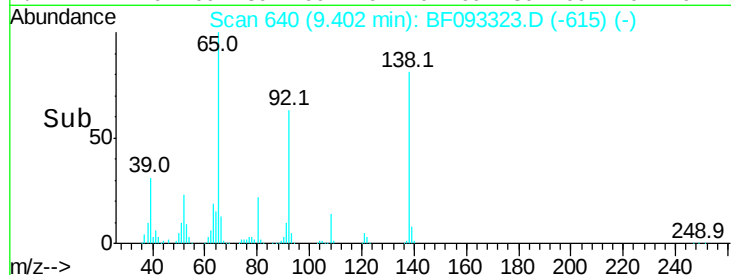
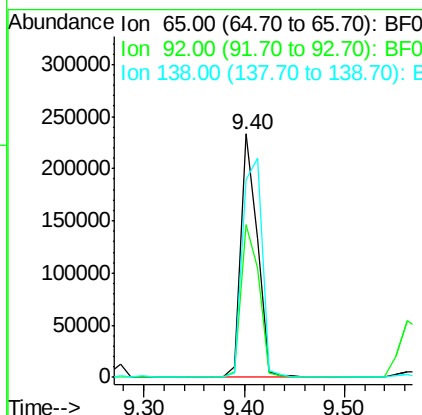
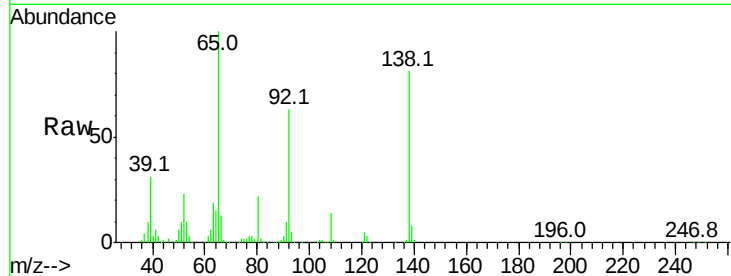
#47
2-Nitroaniline
Concen: 43.23 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.7	53.9	80.9
138	81.3	76.8	115.2

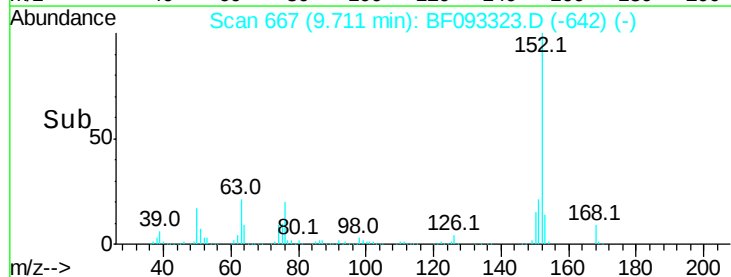
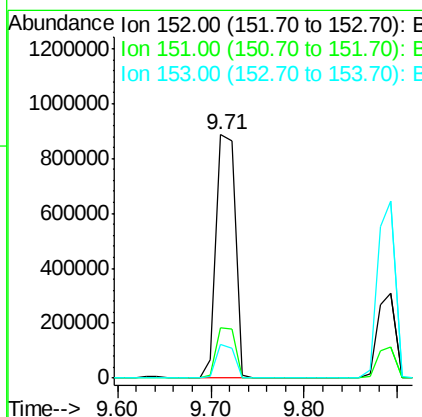
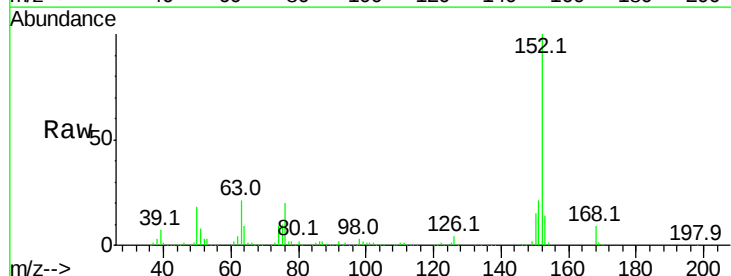
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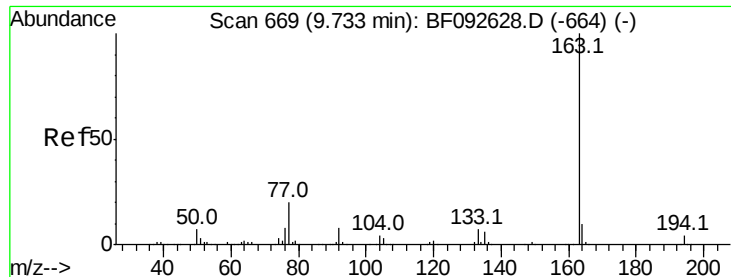
mohammad
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#48
Acenaphthylene
Concen: 39.91 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.7	11.4	17.2





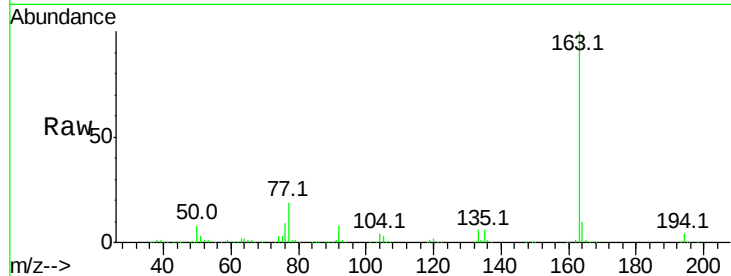
#49
Dimethylphthalate
Concen: 43.30 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

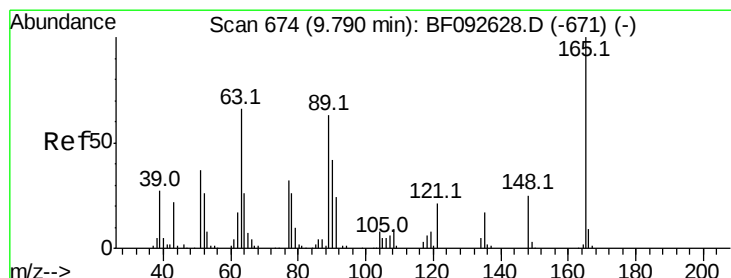
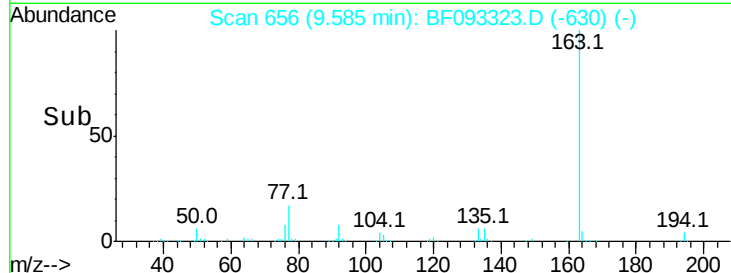
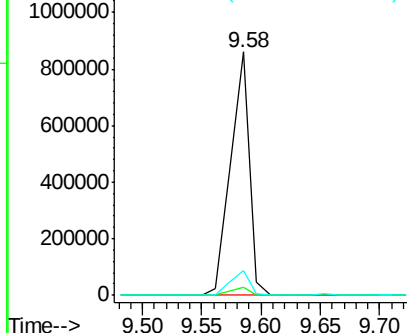
Tot Ion	Ratio	Resp	Lower	Upper
163	100	939385		
194	3.6		3.0	4.4
164	10.1		8.0	12.0

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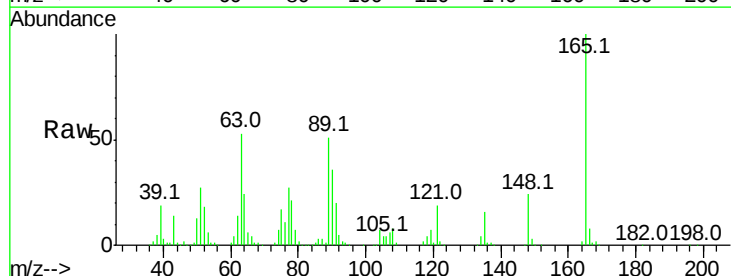


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

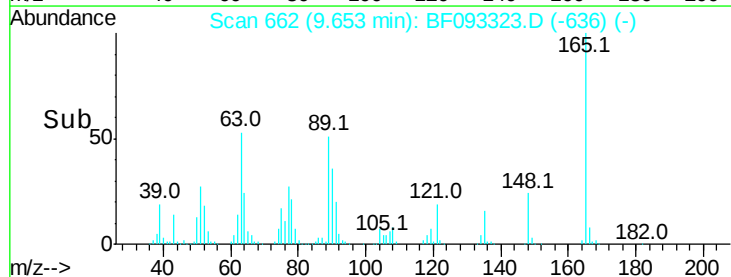
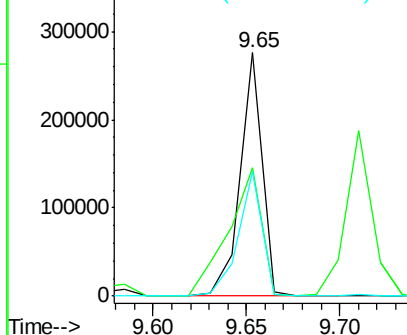


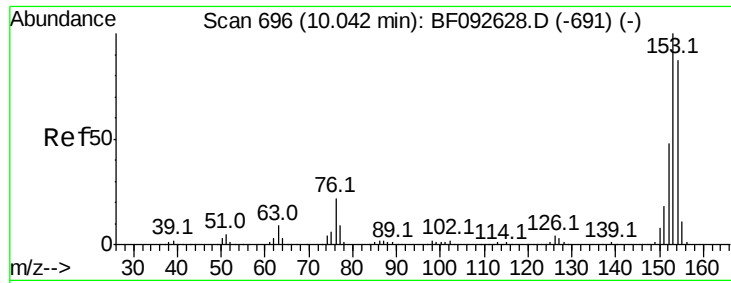
#50
2,6-Dinitrotoluene
Concen: 48.55 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	227454		
63	53.0		36.2	54.4
89	51.2		40.2	60.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





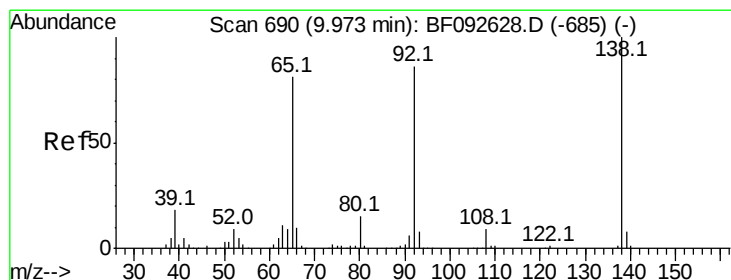
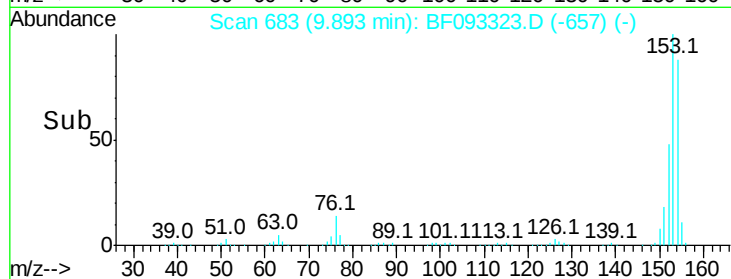
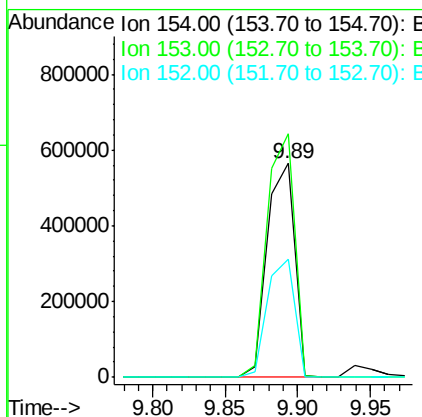
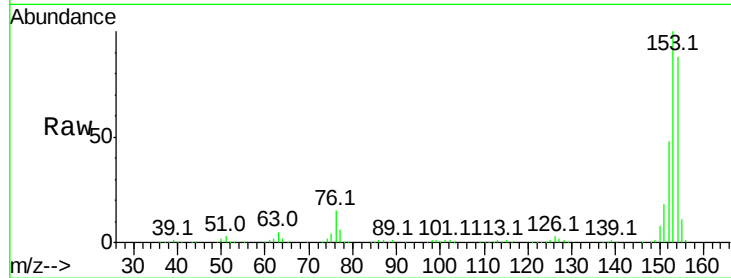
#51
Acenaphthene
Concen: 39.44 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.8	88.6	133.0
152	55.1	41.6	62.4

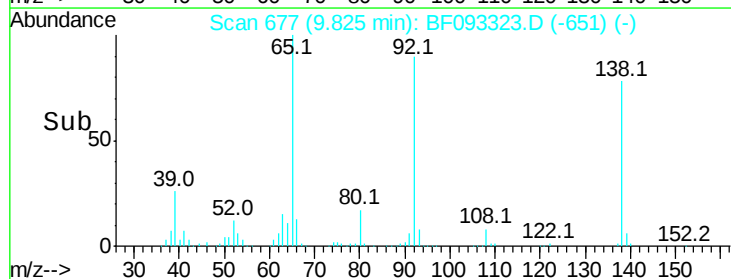
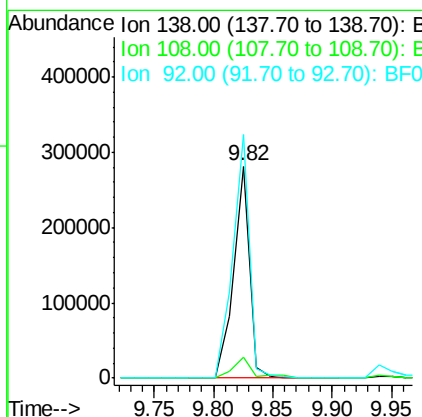
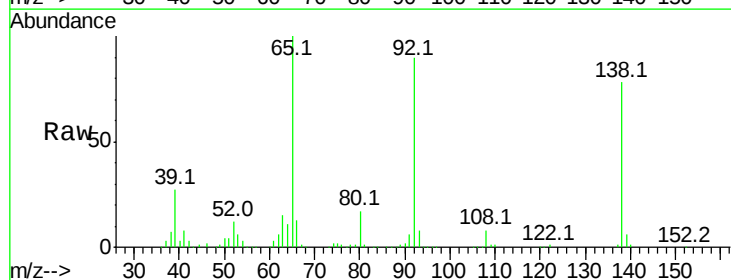
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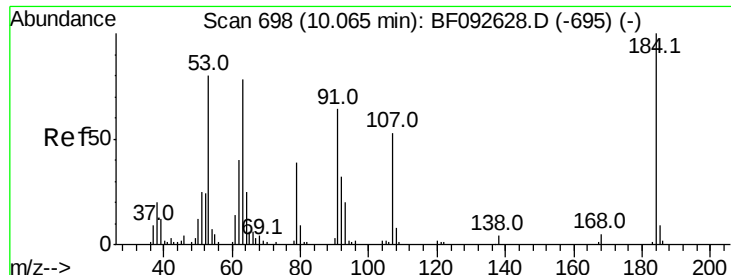
mohammad
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#52
3-Nitroaniline
Concen: 49.34 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.5	12.7
92	114.8	97.8	146.8





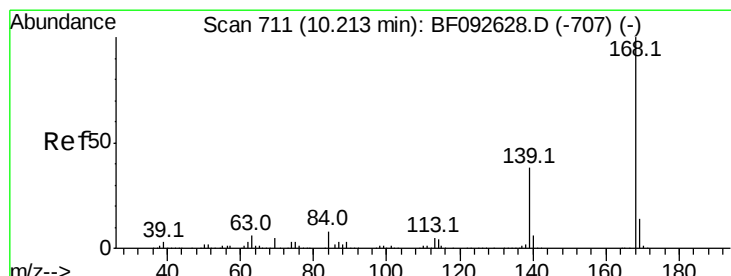
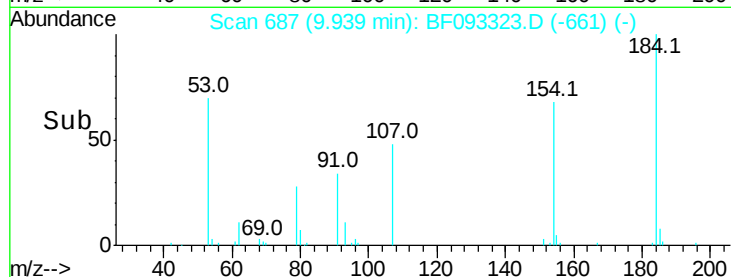
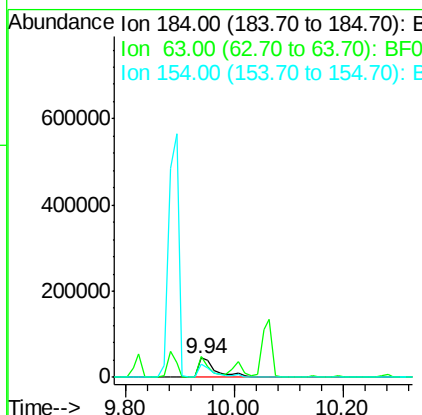
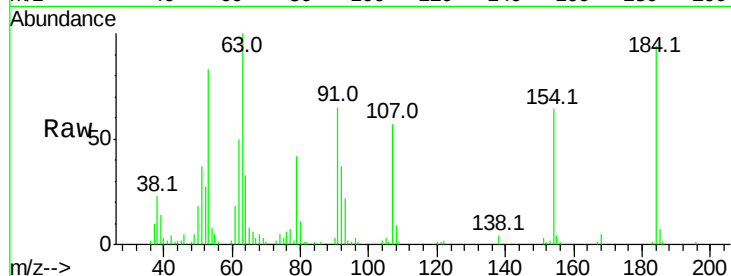
#53
 2,4-Dinitrophenol
 Concen: 46.43 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	106.6	28.4	42.6#
154	67.9	44.3	66.5#

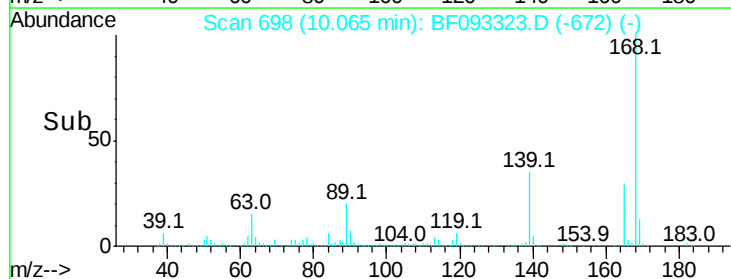
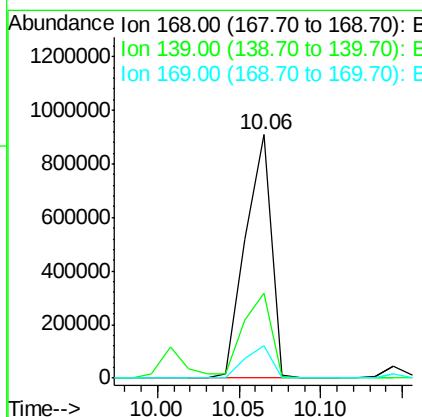
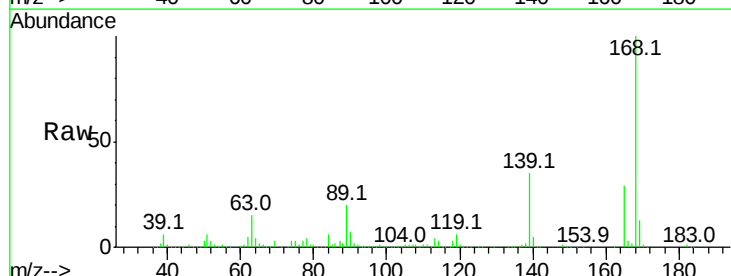
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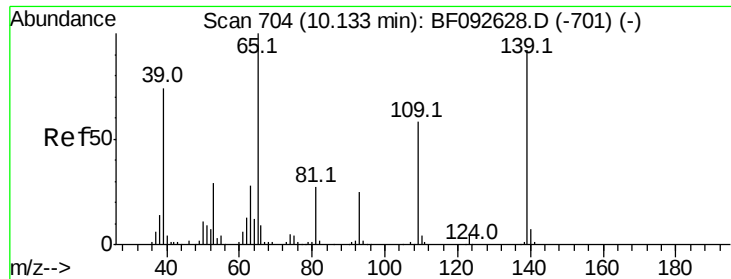
mohammad
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#54
 Dibenzofuran
 Concen: 39.62 ng
 RT: 10.06 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.6	32.6	49.0
169	13.2	11.3	16.9





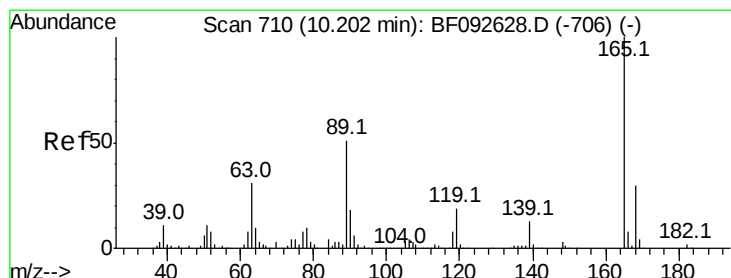
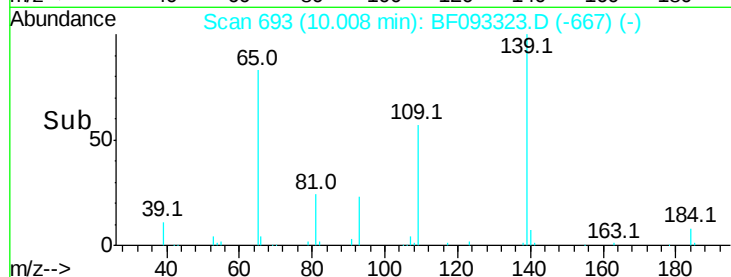
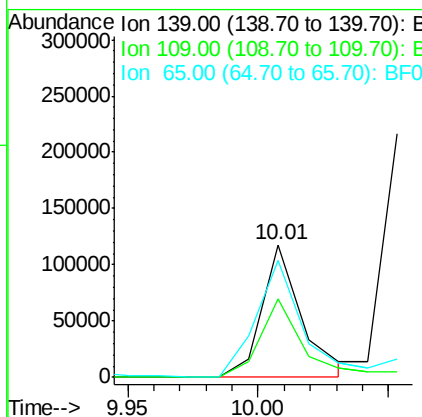
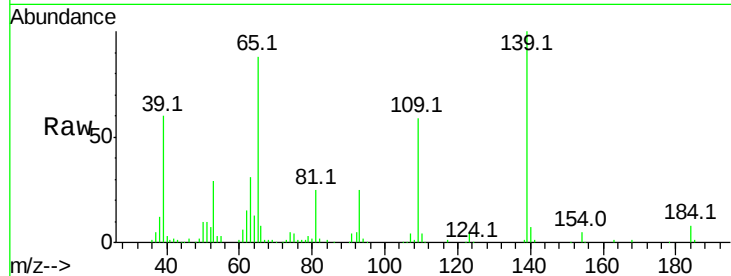
#55
4-Nitrophenol
Concen: 32.20 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	124325		
109	59.1	52.2	92.2	
65	88.1	85.8	125.8	

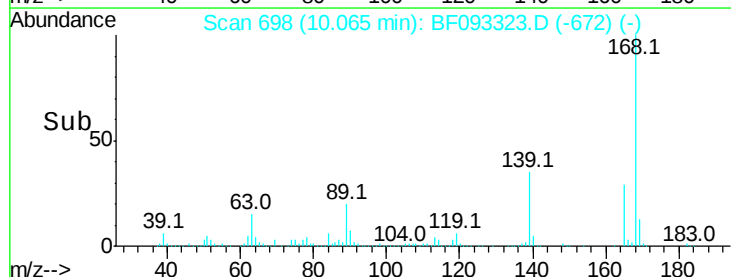
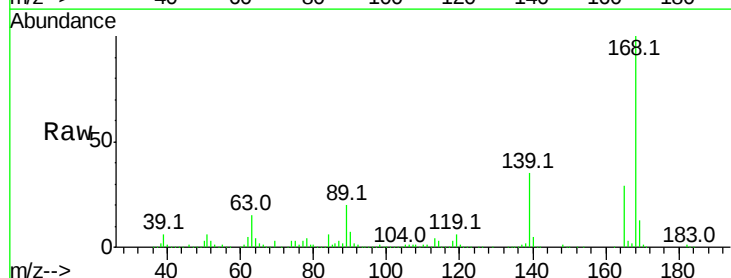
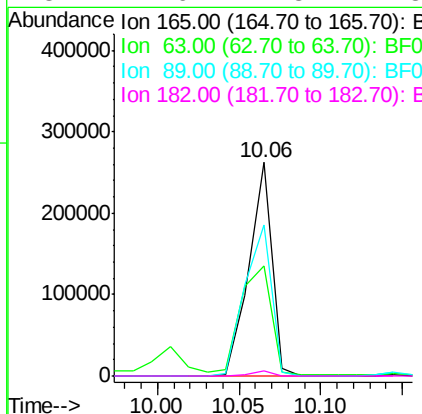
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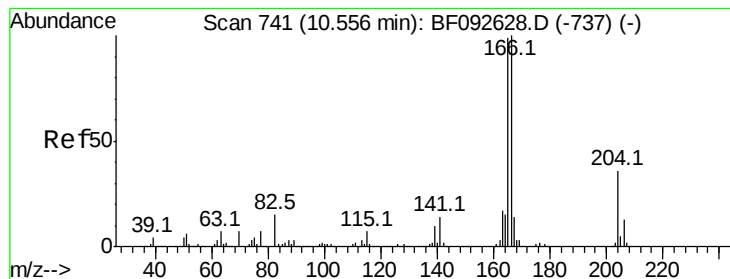
mohammad
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#56
2,4-Dinitrotoluene
Concen: 41.07 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	256142		
63	51.5	40.2	60.4	
89	70.8	62.5	93.7	
182	2.6	1.8	2.8	





#57

Fluorene

Concen: 45.33 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Instrument :

BNA_F

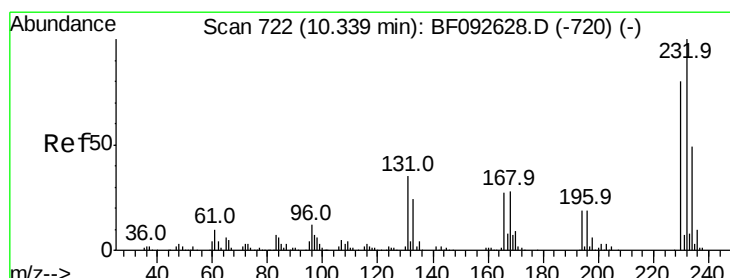
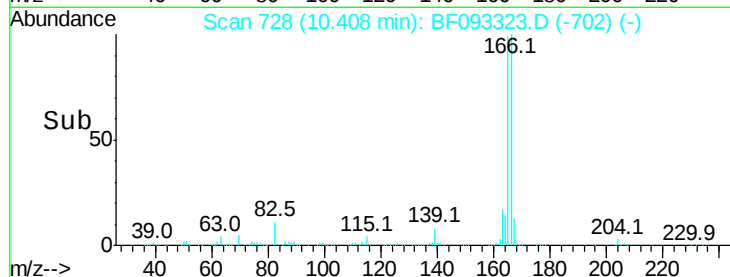
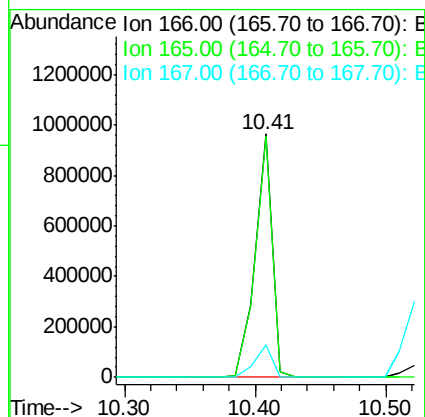
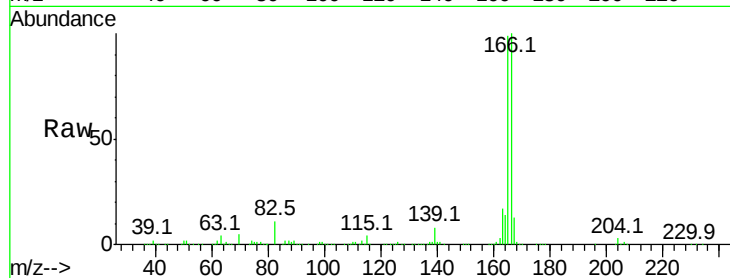
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100	878823		
165	99.2		77.8	116.8
167	13.2		10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.27 ng

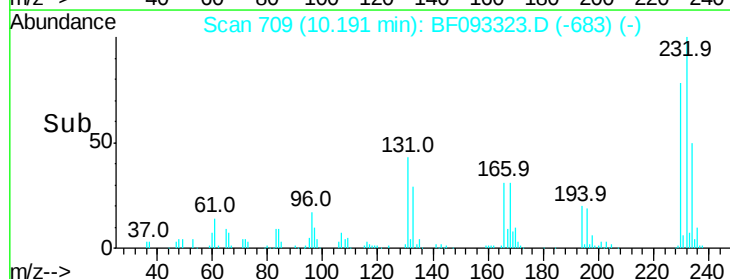
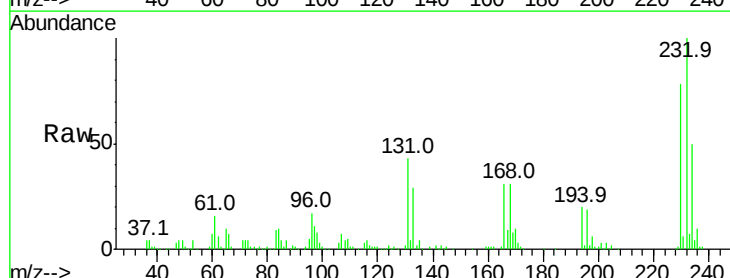
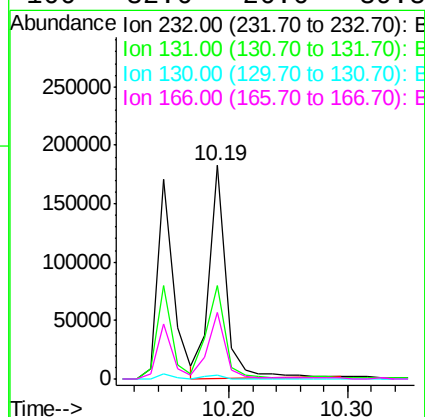
RT: 10.19 min Scan# 709

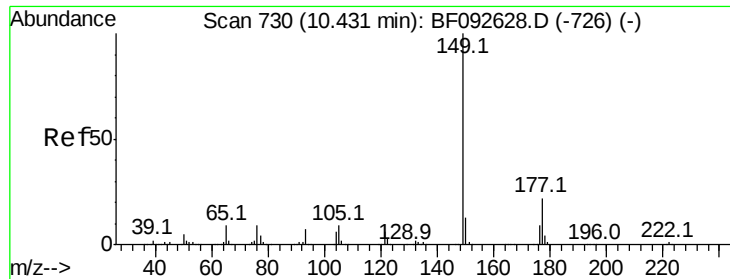
Delta R.T. -0.00 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	179185		
131	50.2		40.1	60.1
130	2.4		1.8	2.8
166	32.6		26.6	39.8





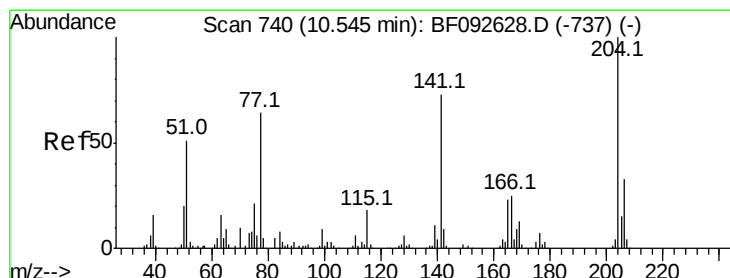
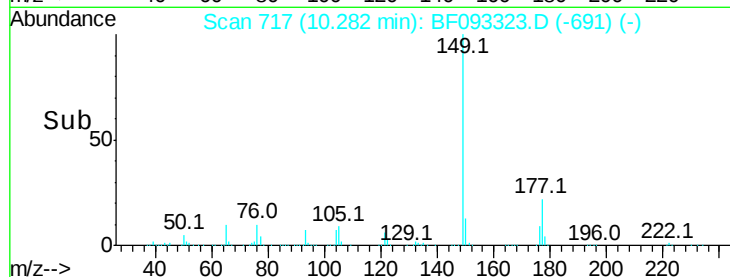
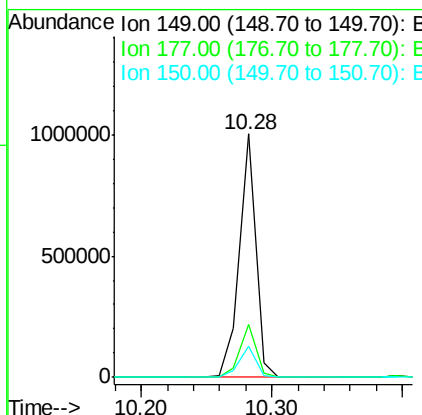
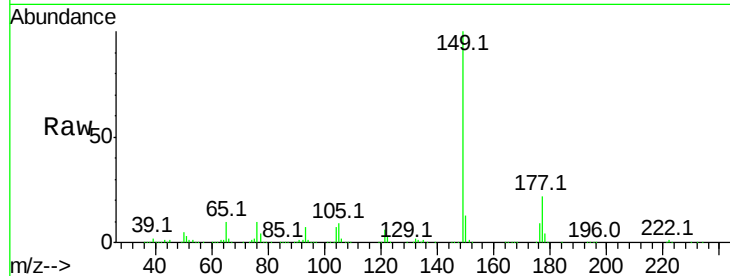
#59
Diethylphthalate
Concen: 42.74 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	873665		
177	21.9		16.6	25.0
150	12.6		10.4	15.6

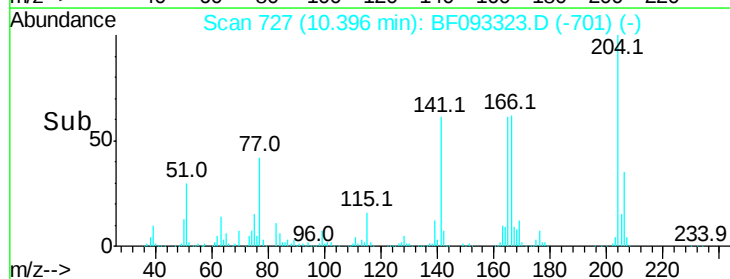
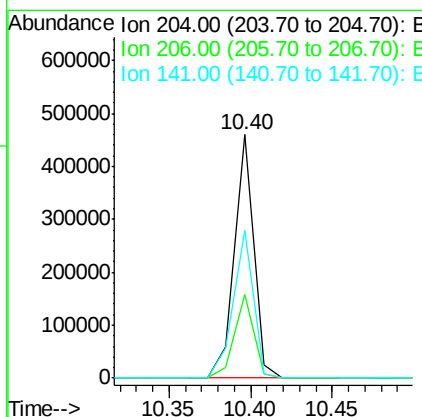
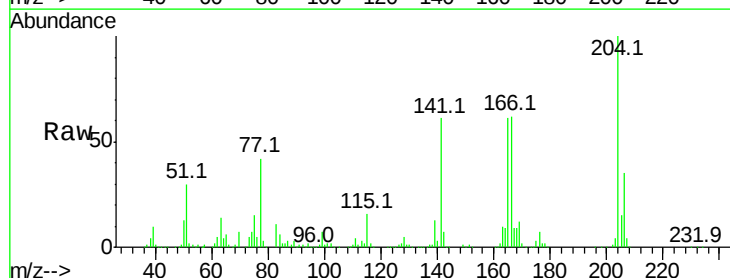
Manual Integrations
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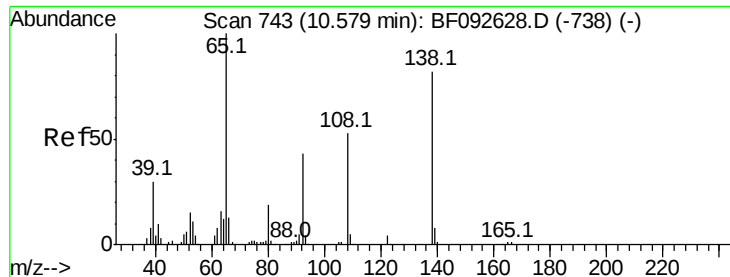
mohammad
3/3/2017 5:16:33 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.15 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	373948		
206	34.5		25.8	38.6
141	60.7		59.4	89.0





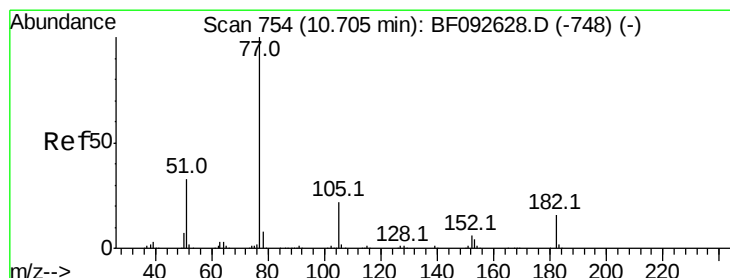
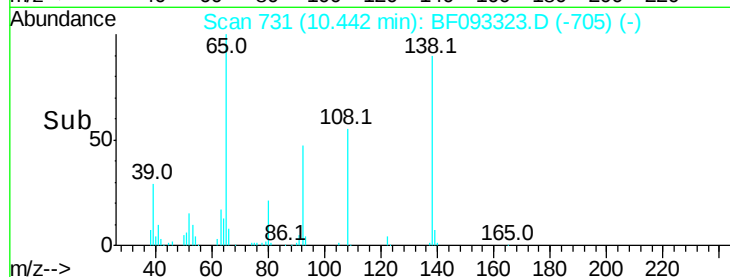
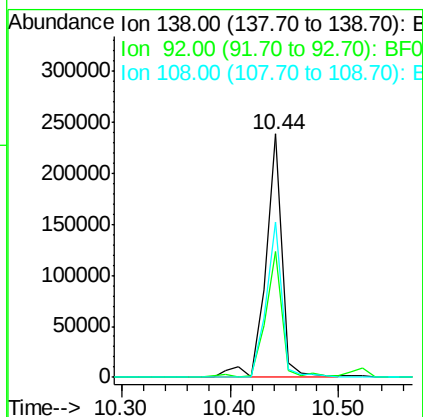
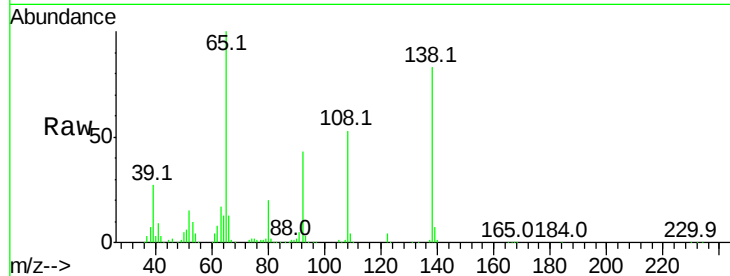
#61
4-Nitroaniline
Concen: 45.64 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.9	31.7	71.7
108	64.0	52.6	92.6

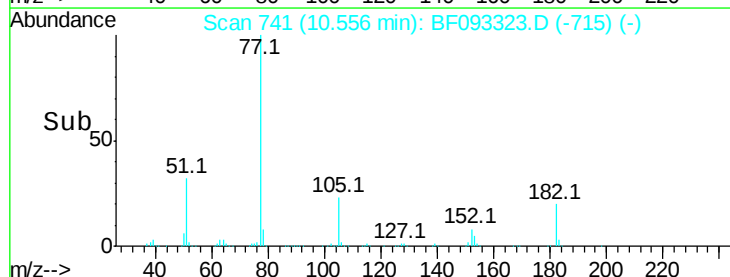
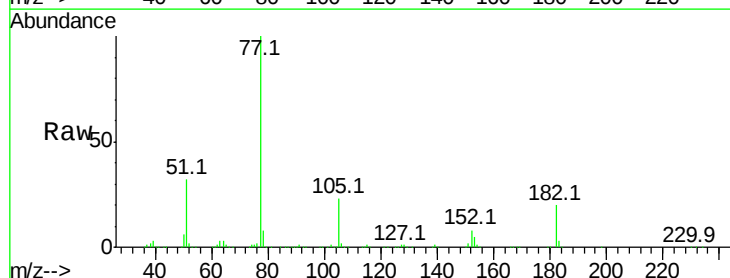
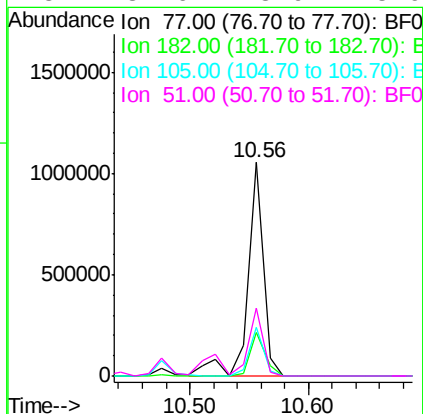
Manual Integrations
APPROVED

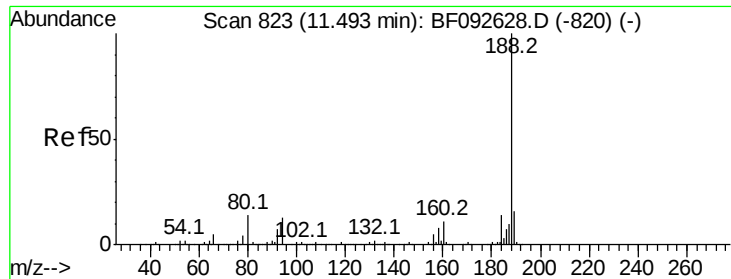
mohammad
3/3/2017 5:16:33 PM



#62
Azobenzene
Concen: 46.41 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.5	0.0	39.3
105	23.1	2.3	42.3
51	31.6	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:188 Resp: 572698

Ion Ratio Lower Upper

188 100

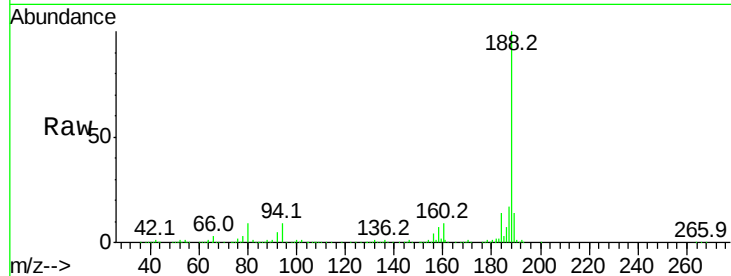
94 8.6 10.0 15.0#

80 8.6 11.2 16.8#

Manual Integrations
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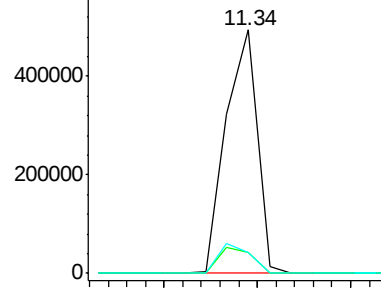
3/3/2017 5:16:33 PM



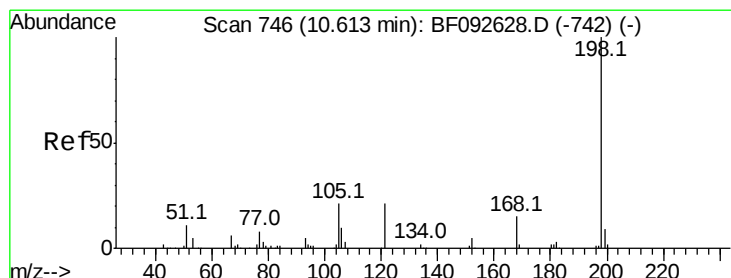
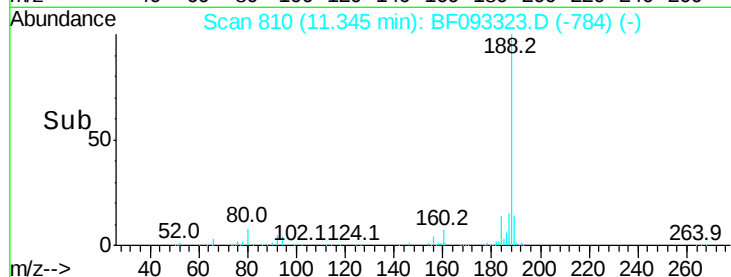
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 43.22 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

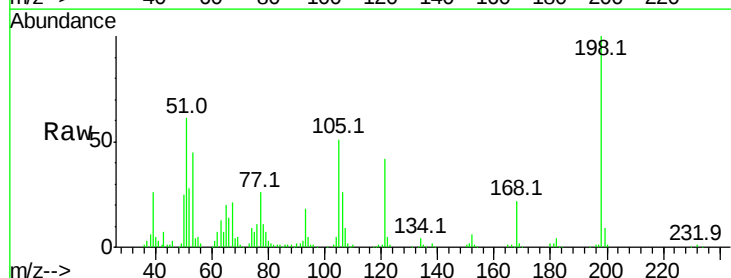
Tgt Ion:198 Resp: 149669

Ion Ratio Lower Upper

198 100

51 60.7 6.7 46.7#

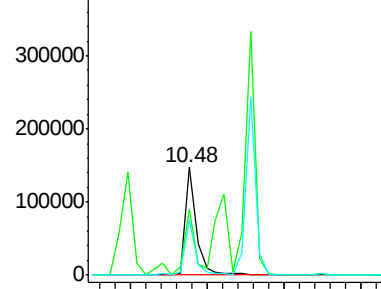
105 50.9 16.6 56.6



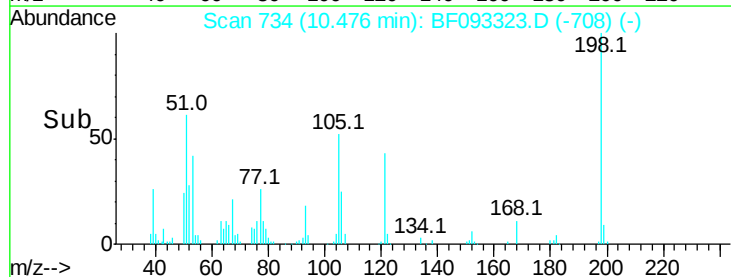
Abundance Ion 198.00 (197.70 to 198.70): E

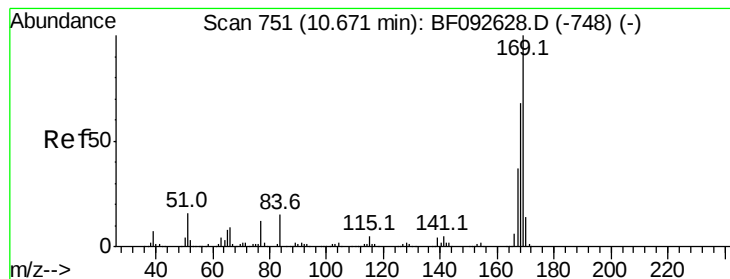
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 41.68 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 762459

Ion Ratio Lower Upper

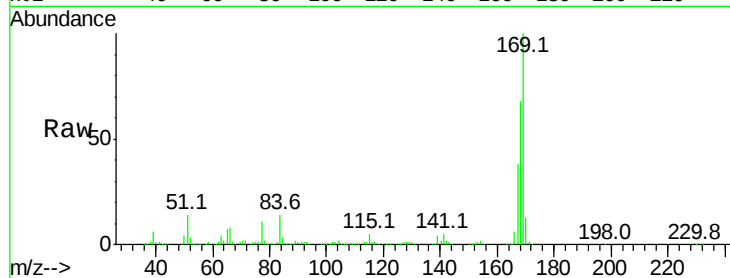
169 100

168 68.5 54.2 81.2

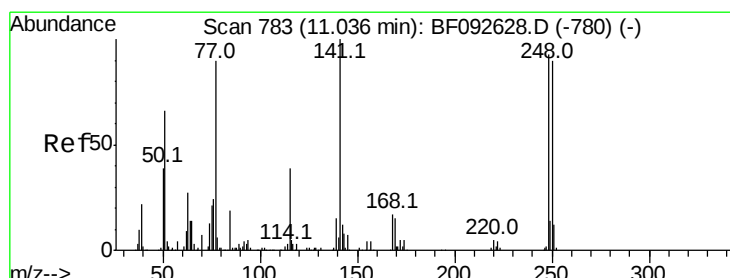
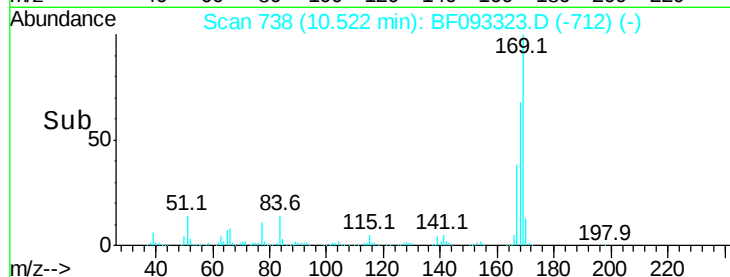
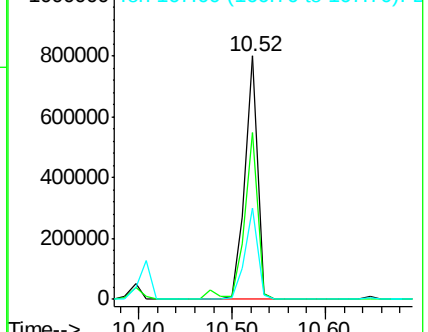
167 37.6 30.2 45.4

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



#66

4-Bromophenyl-phenylether

Concen: 39.57 ng

RT: 10.89 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

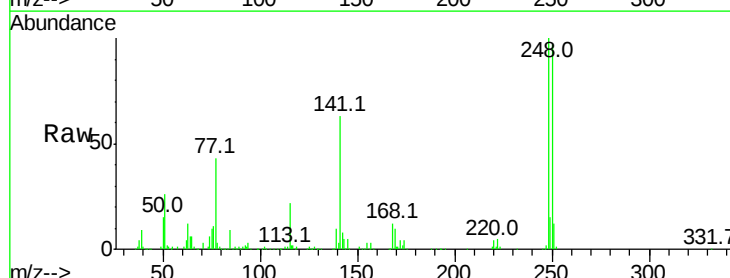
Tgt Ion:248 Resp: 236772

Ion Ratio Lower Upper

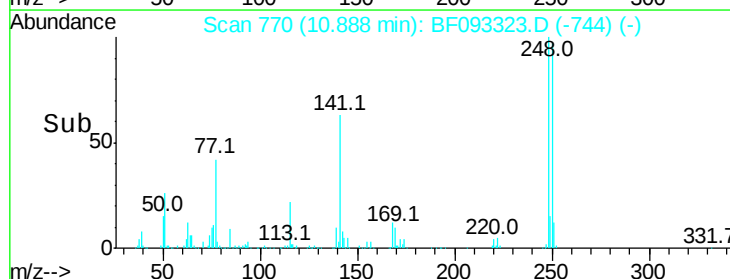
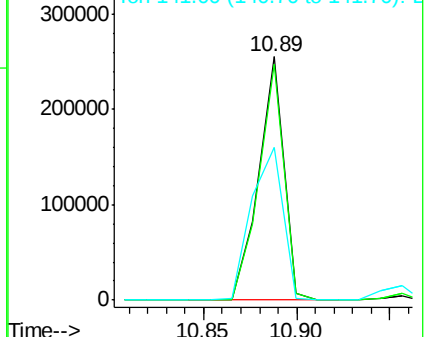
248 100

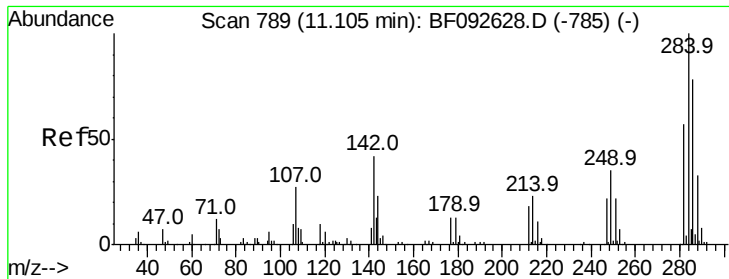
250 97.2 76.9 115.3

141 62.7 68.2 102.4#



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





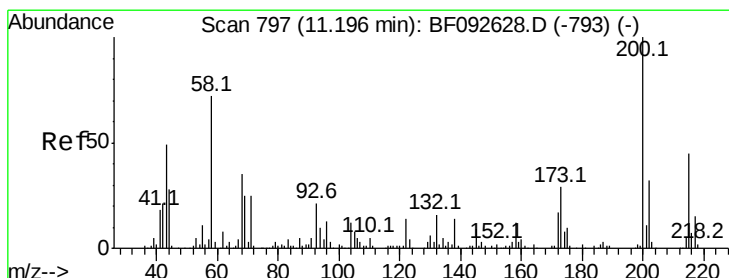
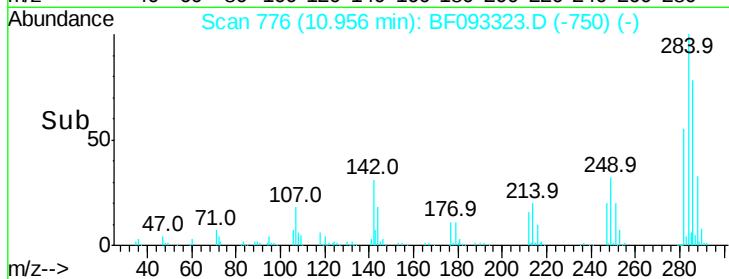
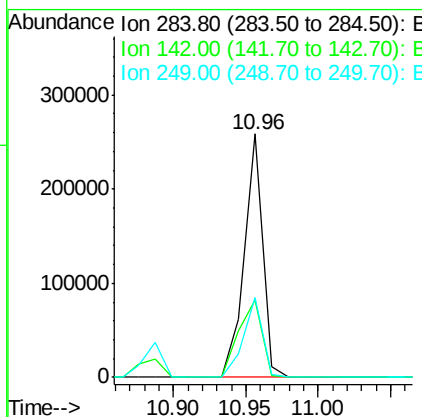
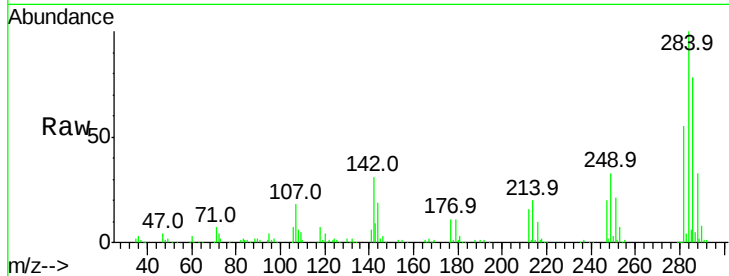
#67
Hexachlorobenzene
Concen: 38.80 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	229415		
142	31.5	22.6	33.8	
249	32.5	25.4	38.0	

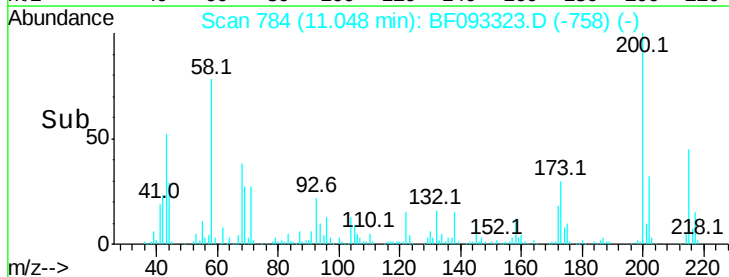
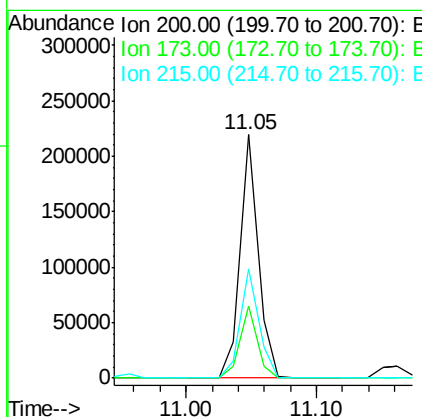
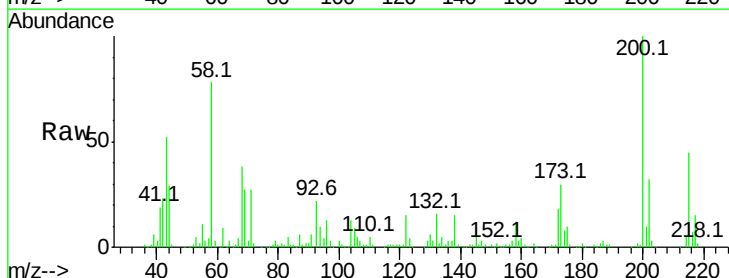
Manual Integrations
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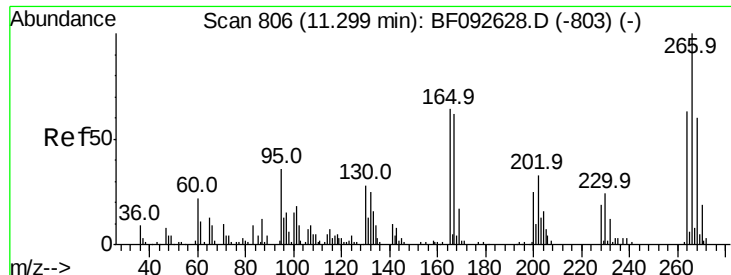
mohammad
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#68
Atrazine
Concen: 35.92 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	210866		
173	29.7	9.6	49.6	
215	45.0	25.7	65.7	





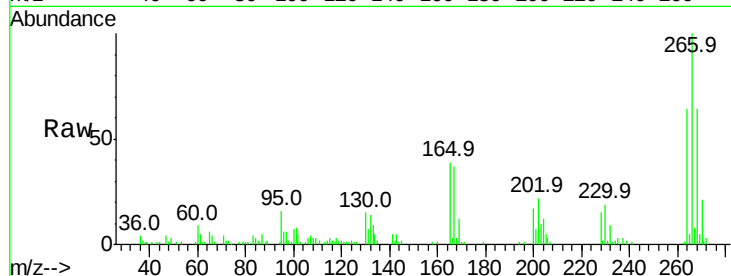
#69
 Pentachlorophenol
 Concen: 37.25 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

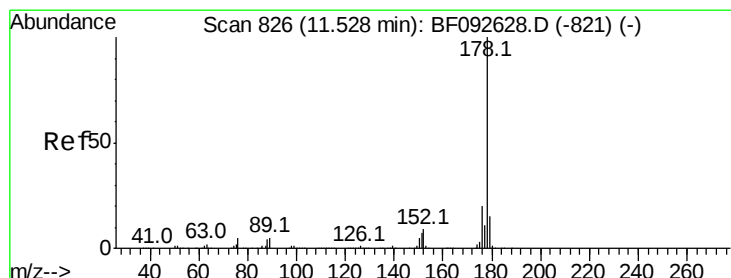
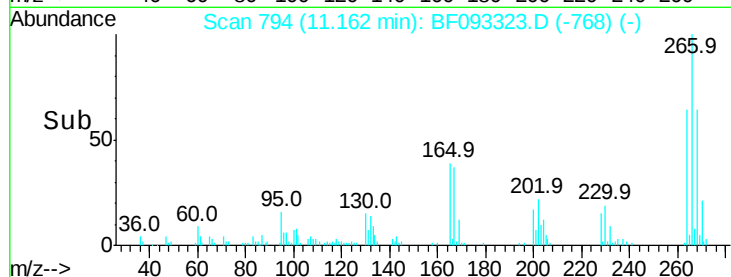
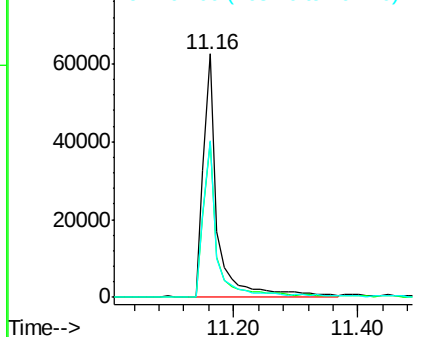
Tot Ion	Ratio	Resp	Lower	Upper
266	100	100788		
268	63.6		53.3	79.9
264	64.2		50.3	75.5

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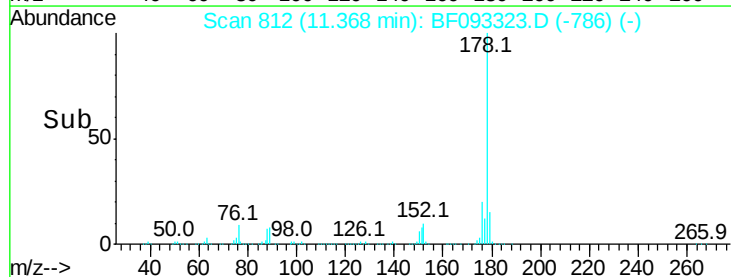
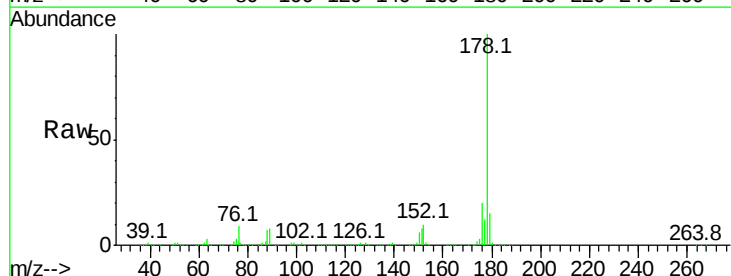
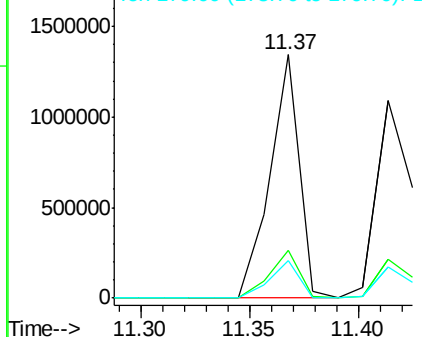
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

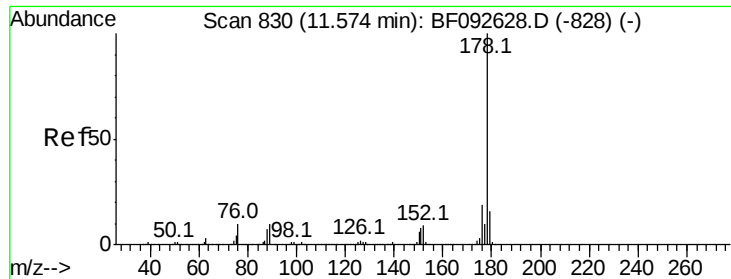


#70
 Phenanthrene
 Concen: 38.75 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1271282		
176	19.9		16.6	25.0
179	15.3		12.8	19.2

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





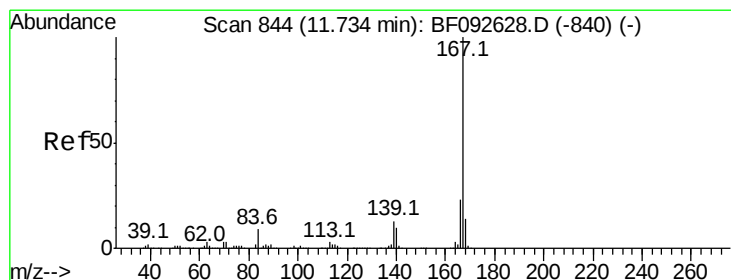
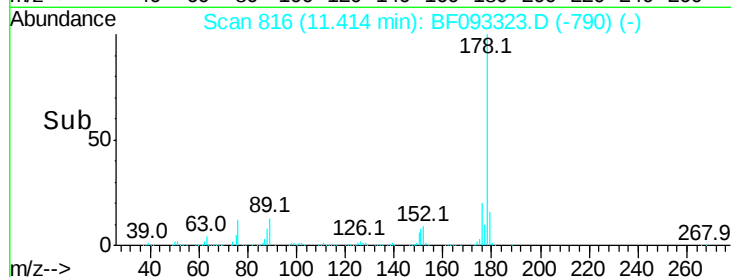
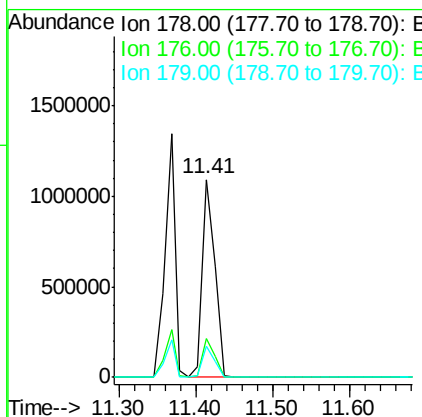
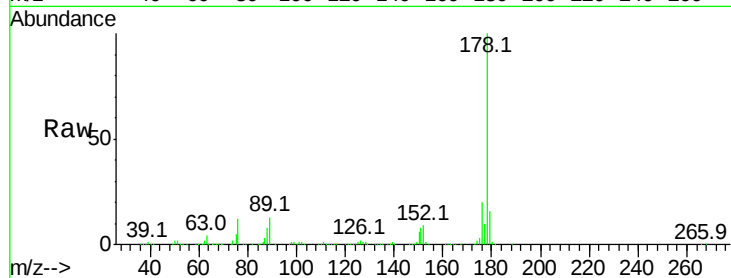
#71
 Anthracene
 Concen: 37.10 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1222376
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 16.0 13.2 19.8

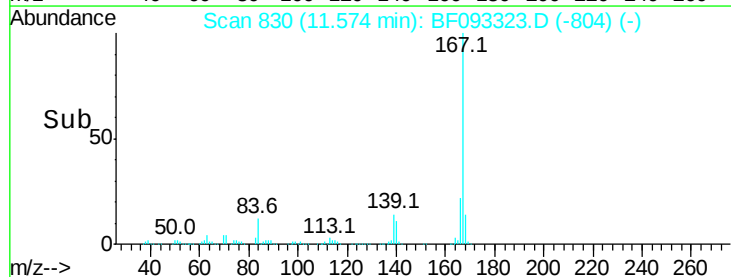
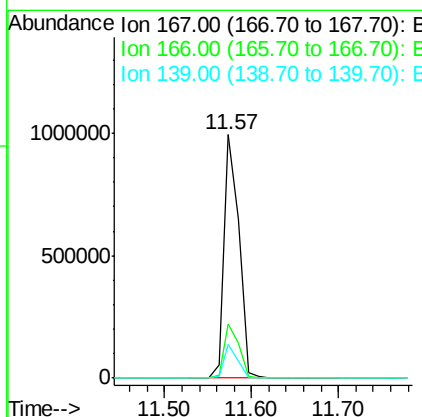
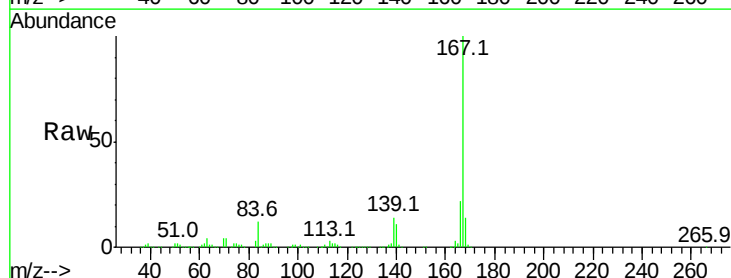
Manual Integrations
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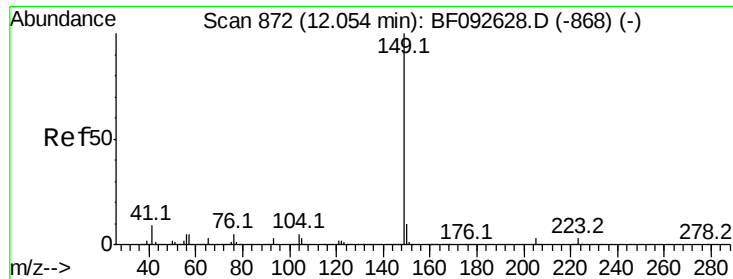
mohammad
 3/3/2017 5:16:33 PM



#72
 Carbazole
 Concen: 37.95 ng
 RT: 11.57 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Tgt Ion:167 Resp: 1195382
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 14.0 11.4 17.2





#73

Di-n-butylphthalate

Concen: 42.43 ng

RT: 11.91 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Instrument :

BNA_F

ClientSampleId :

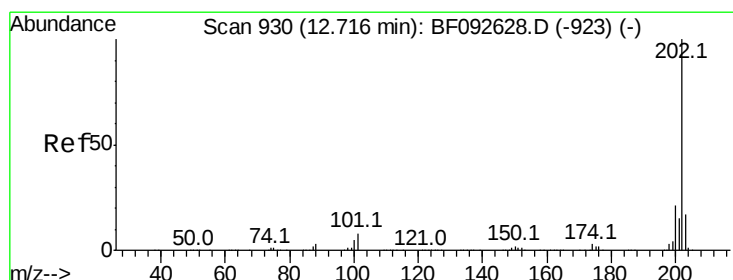
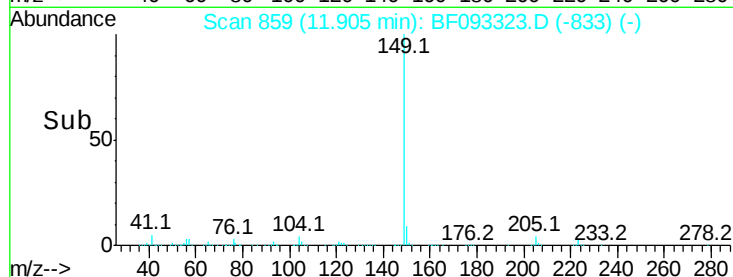
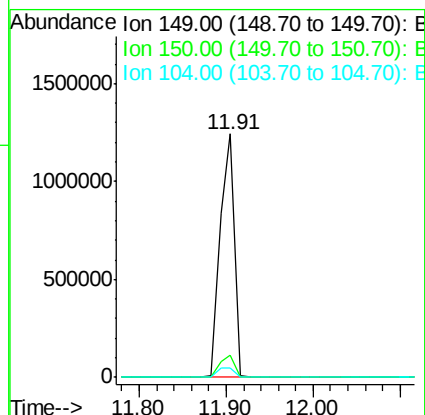
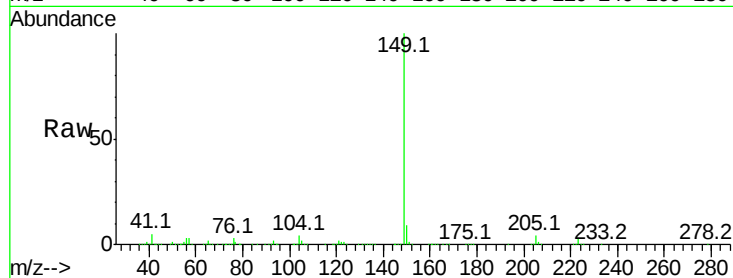
SSTDCCC040

Tot Ion:149 Resp: 1445272

Ion	Ratio	Lower	Upper
149	100		
150	9.0	8.1	12.1
104	3.7	4.6	7.0#

Manual Integrations
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#74

Fluoranthene

Concen: 38.87 ng

RT: 12.56 min Scan# 916

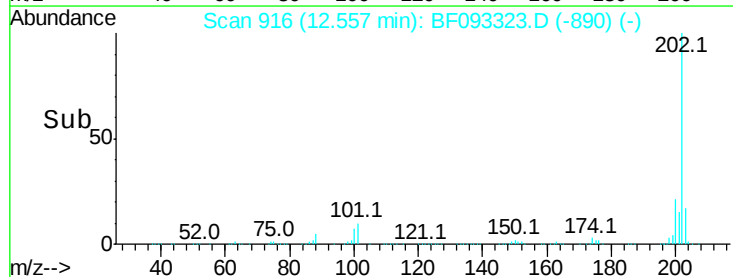
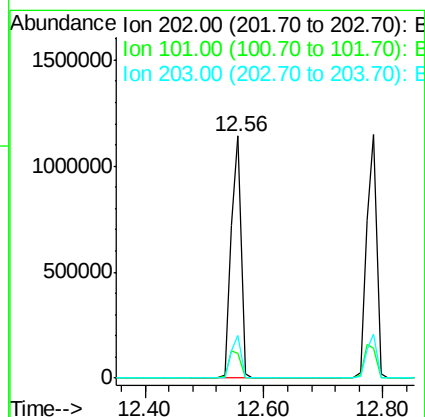
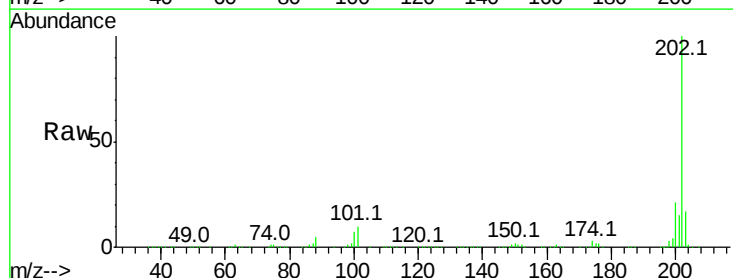
Delta R.T. -0.00 min

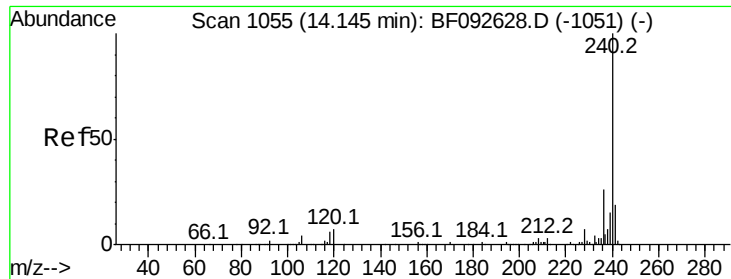
Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Tgt Ion:202 Resp: 1315545

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	34.6
203	17.4	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Instrument :

BNA_F

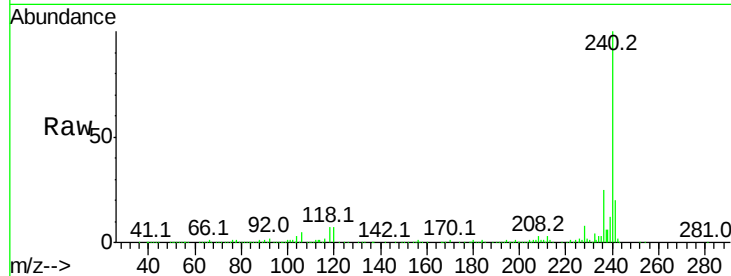
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.4	12.9	19.3#
236	25.4	20.9	31.3

Manual Integrations
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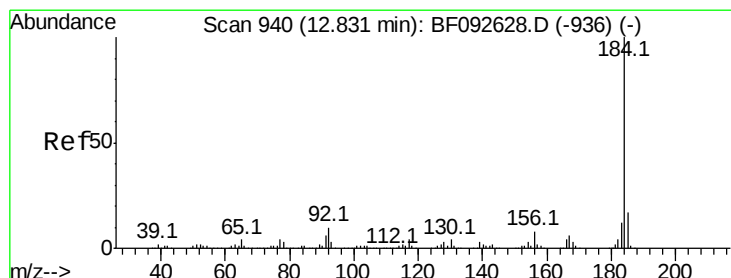
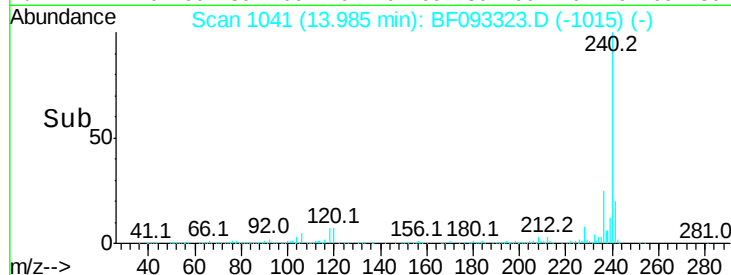
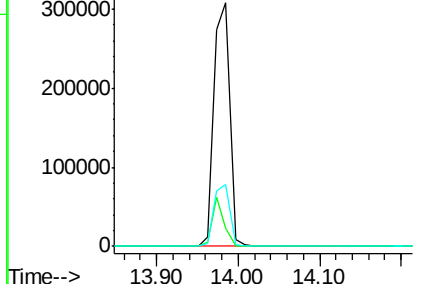
mohammad
3/3/2017 5:16:33 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.85 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF093323.D

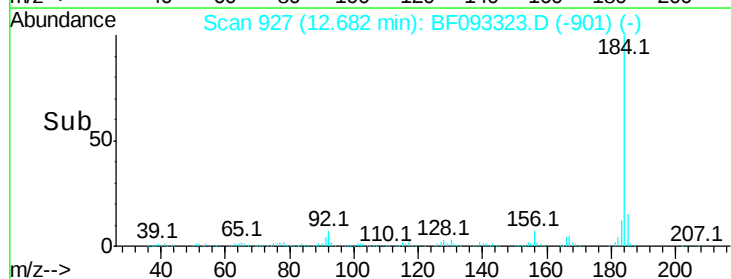
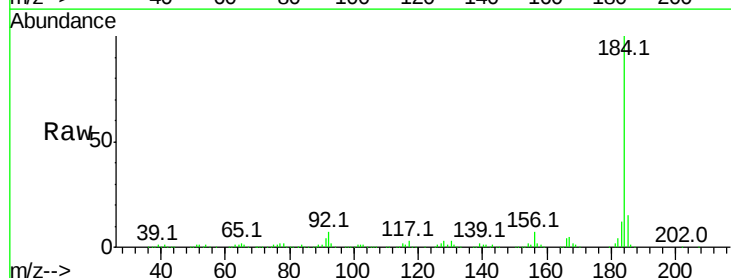
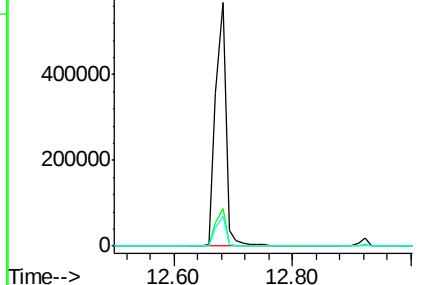
Acq: 2 Mar 2017 16:08

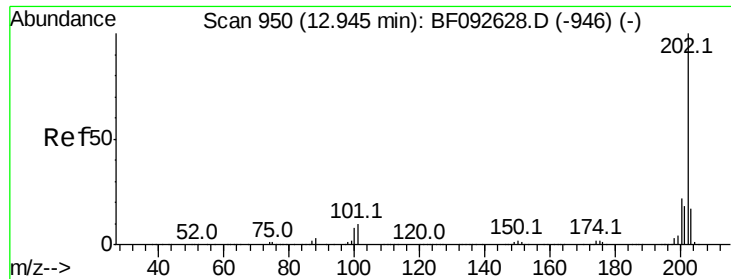
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.4	13.4	20.0
183	12.1	9.2	13.8

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





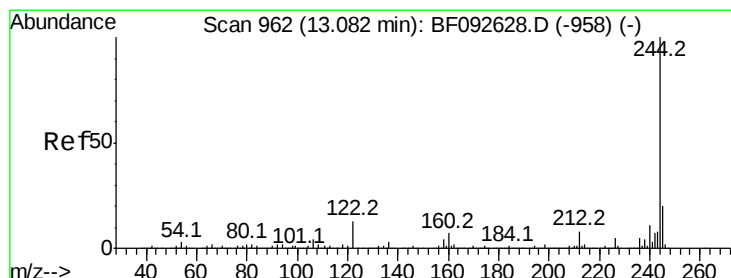
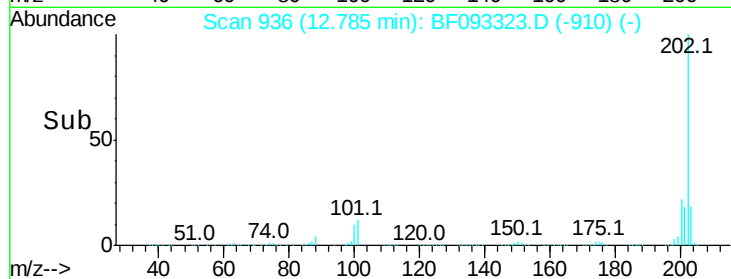
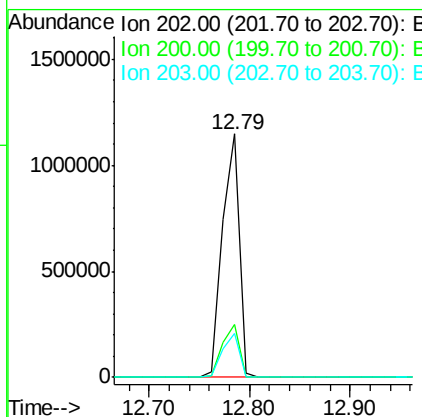
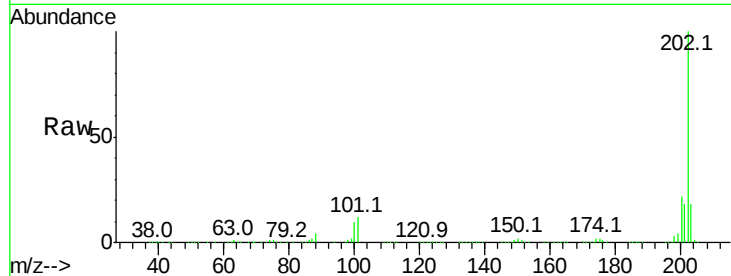
#77
Pvrene
Concen: 42.74 ng
RT: 12.79 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1334110
Ion Ratio Lower Upper
202 100
200 21.9 17.7 26.5
203 18.0 14.7 22.1

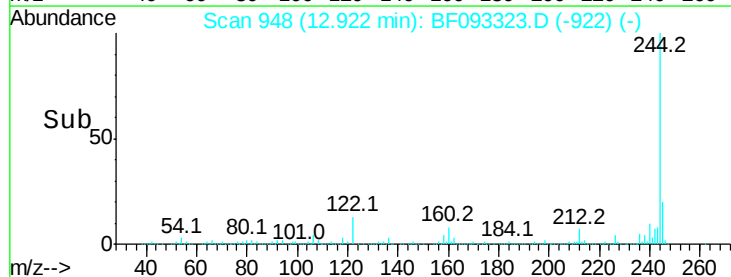
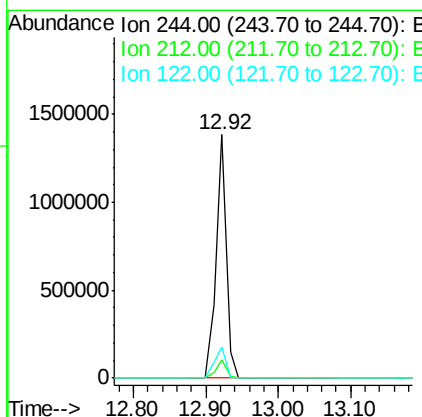
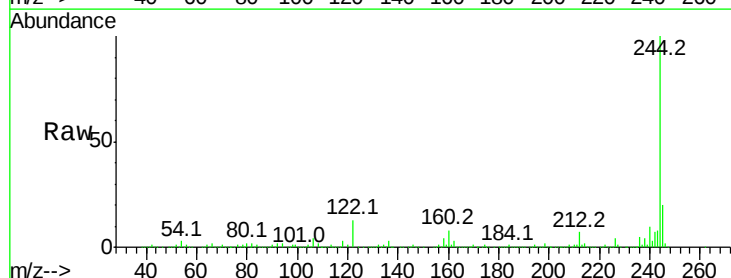
Manual Integrations
APPROVED

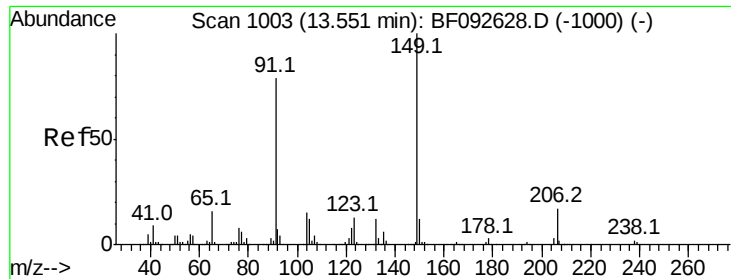
mohammad
3/3/2017 5:16:33 PM



#78
Terphenyl-d14
Concen: 76.23 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion:244 Resp: 1353188
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 12.9 11.4 17.2





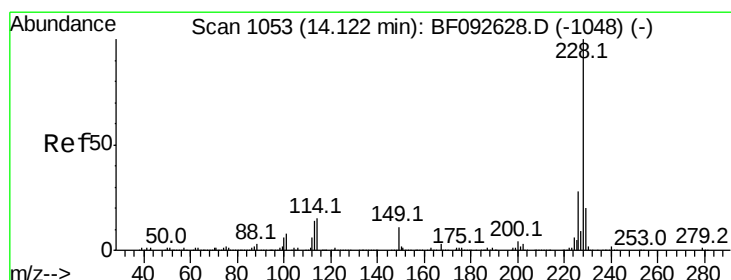
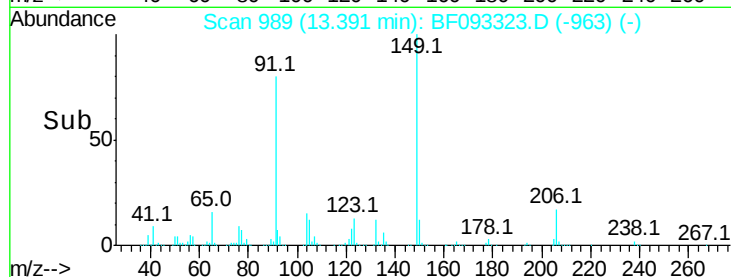
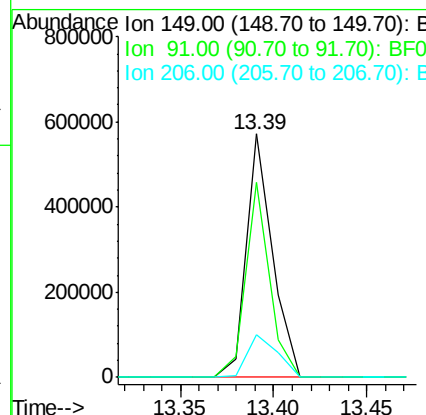
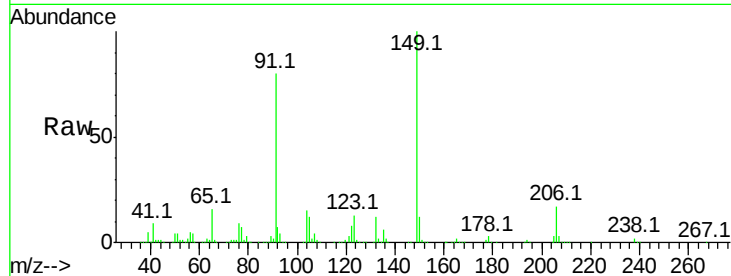
#79
Butylbenzylphthalate
Concen: 43.85 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	555826		
91	79.9	63.9	95.9	
206	17.5	14.6	21.8	

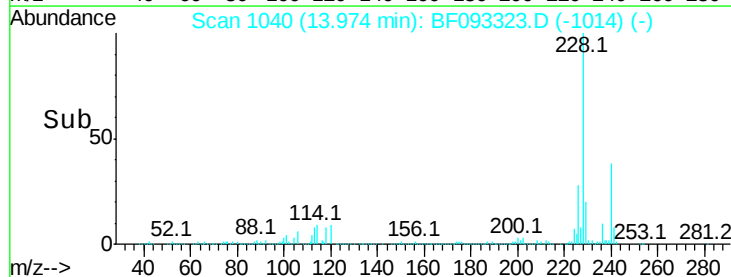
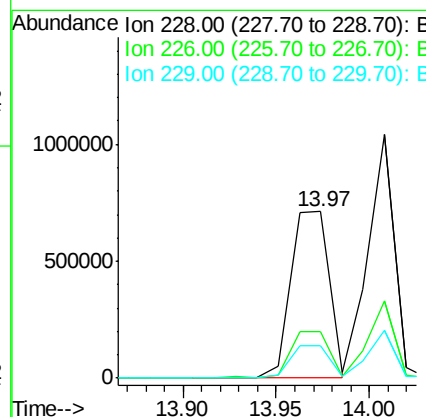
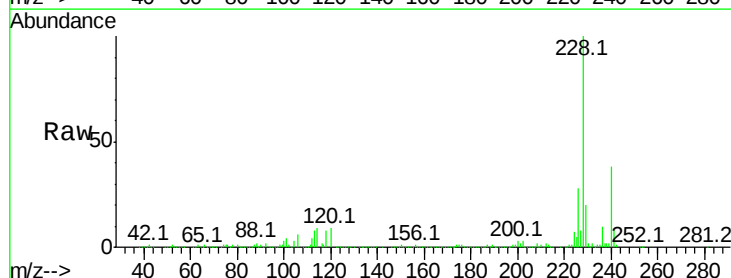
Manual Integrations
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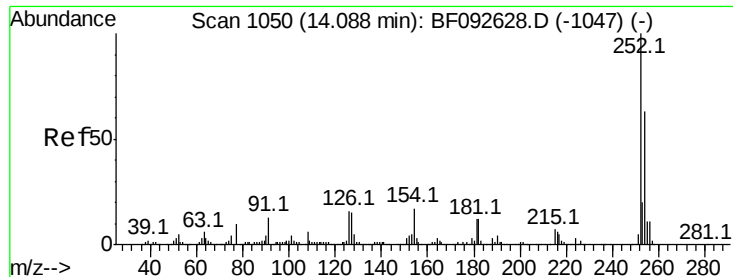
mohammad
3/3/2017 5:16:33 PM



#80
Benzo(a)anthracene
Concen: 40.28 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1027550		
226	27.8	22.4	33.6	
229	19.6	16.2	24.4	





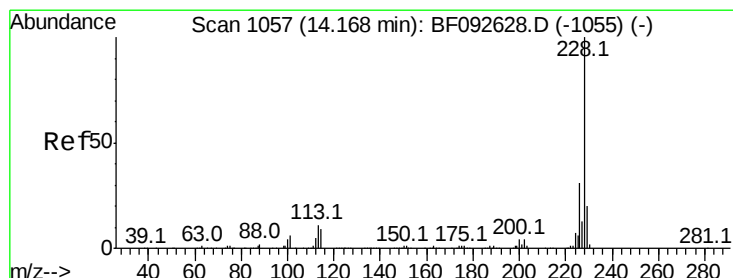
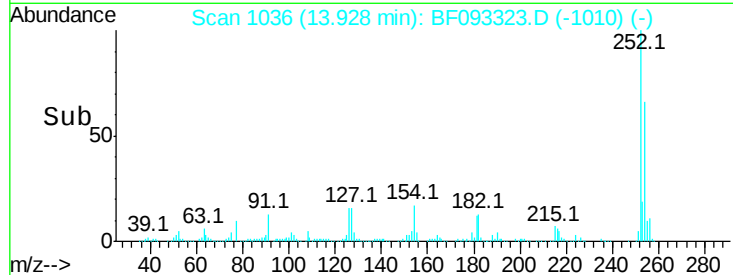
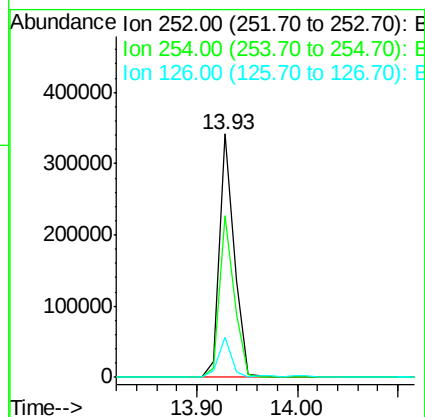
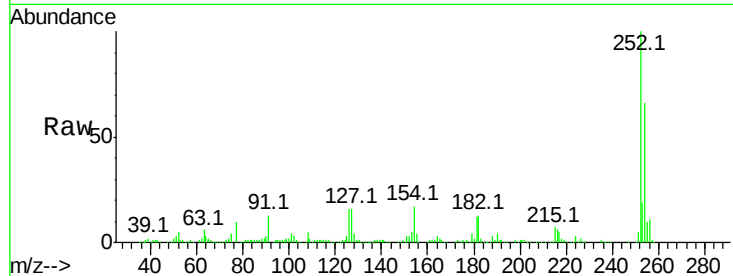
#81
 3,3'-Dichlorobenzidine
 Concen: 38.47 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.5	52.3	78.5
126	16.5	13.6	20.4

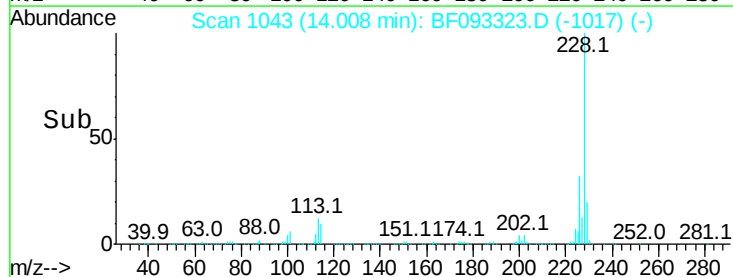
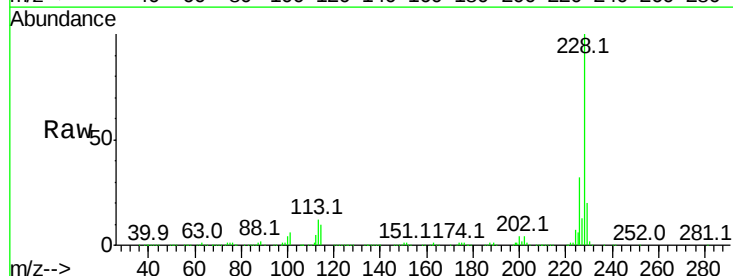
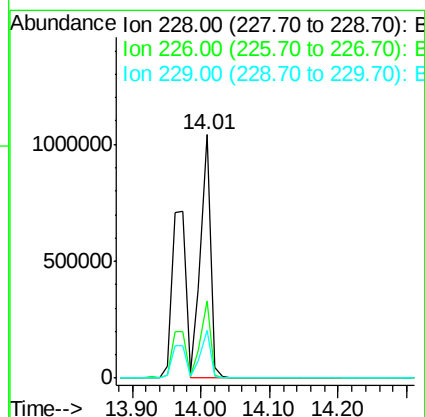
Manual Integrations
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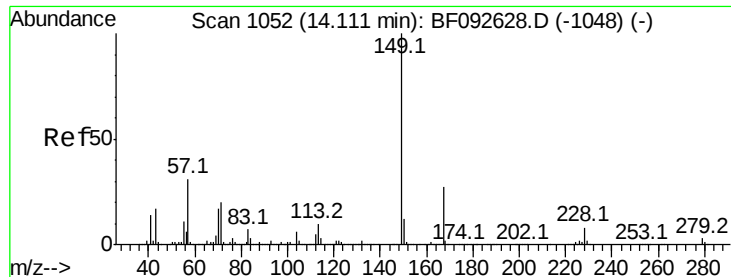
mohammad
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#82
 Chrysene
 Concen: 42.67 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.4	38.0
229	19.7	16.2	24.2





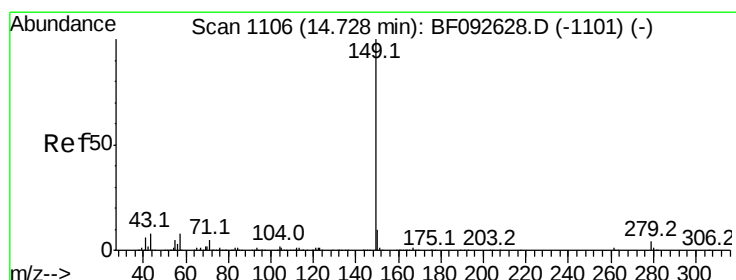
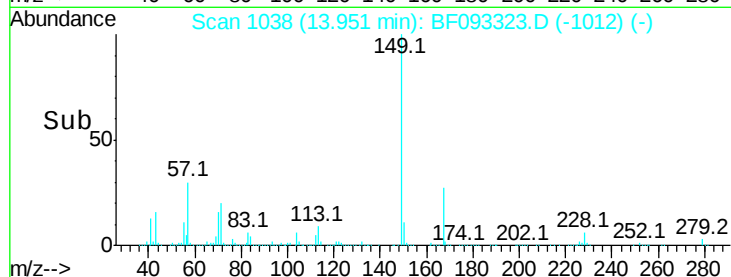
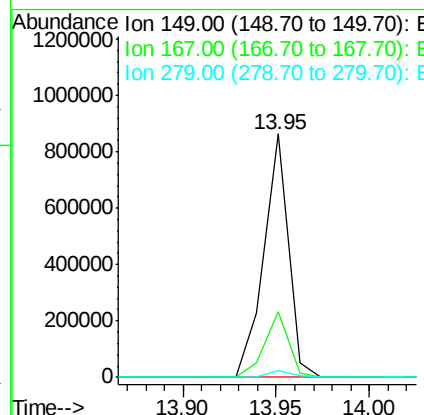
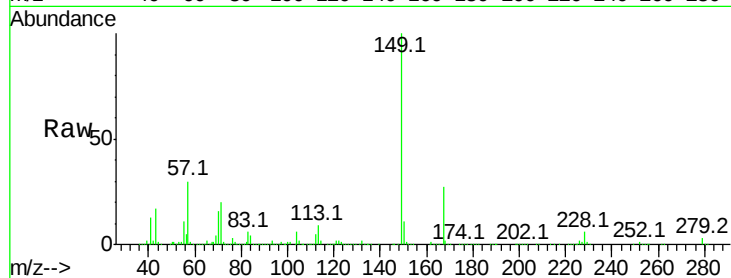
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.44 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.0	20.2	30.4
279	3.0	1.8	2.8#

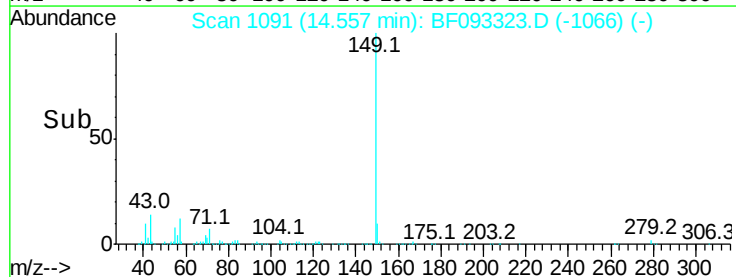
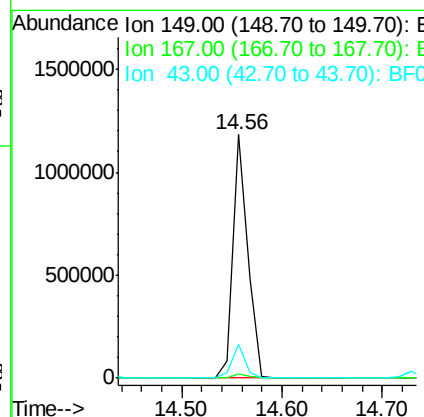
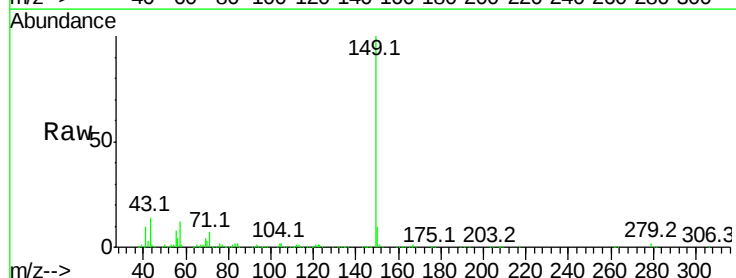
Manual Integrations
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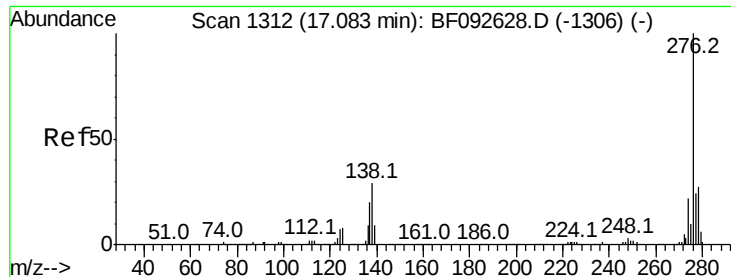
mohammad
 3/3/2017 5:16:33 PM



#84
 Di-n-octyl phthalate
 Concen: 42.87 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. -0.01 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.3	8.9	13.3





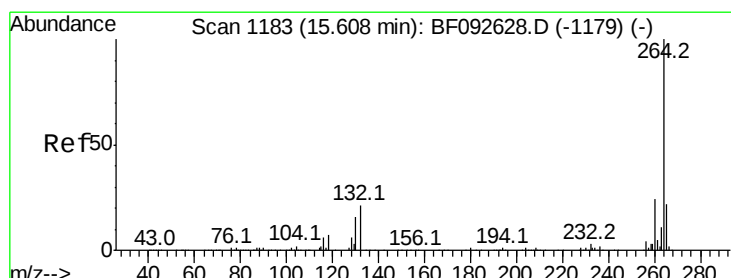
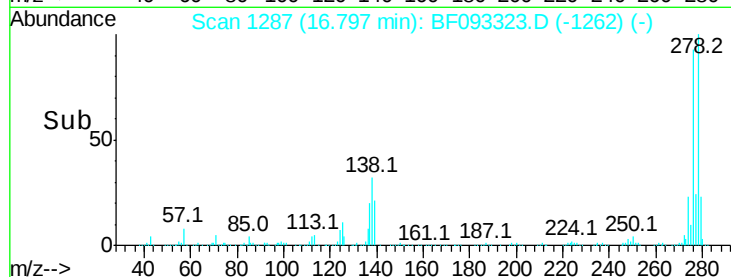
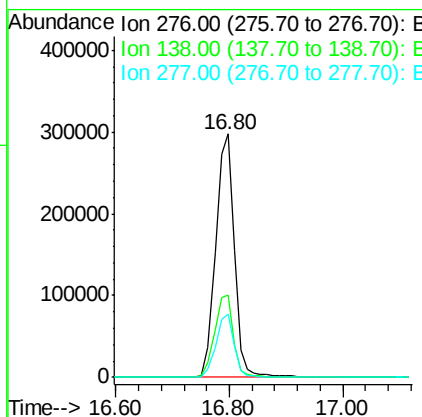
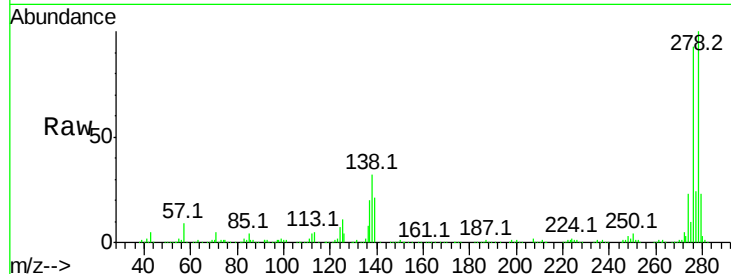
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.52 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.9	21.8	32.6
277	25.3	20.2	30.4

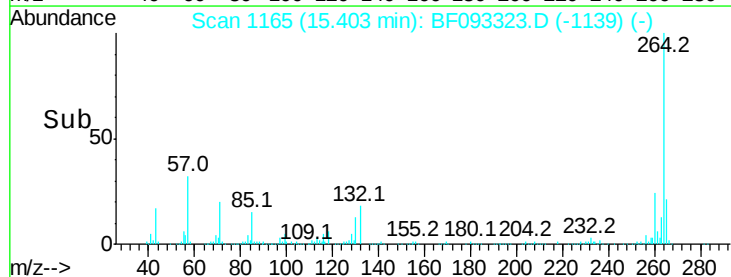
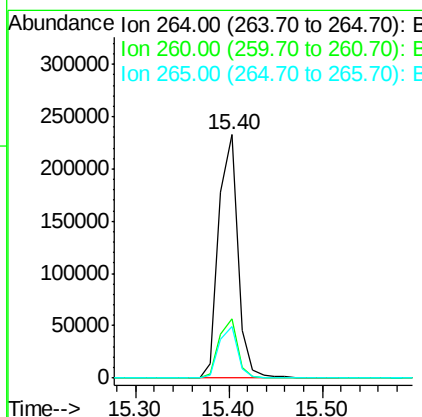
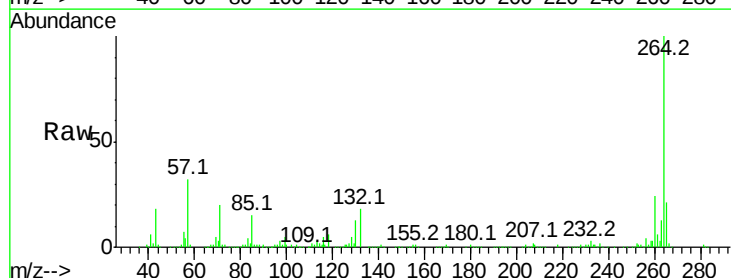
Manual Integrations
APPROVED

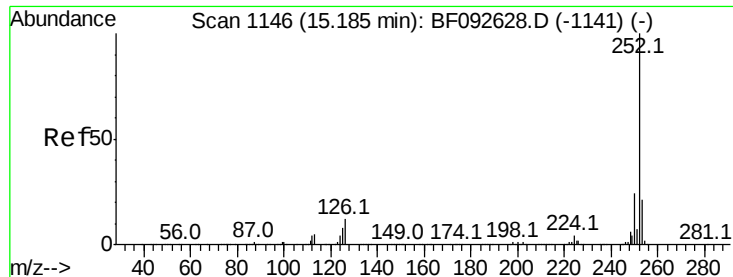
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.1	17.4	26.0





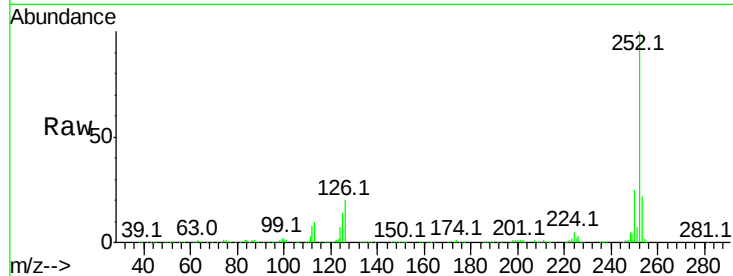
#87
Benzo(b)fluoranthene
Concen: 47.09 ng m
RT: 14.99 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

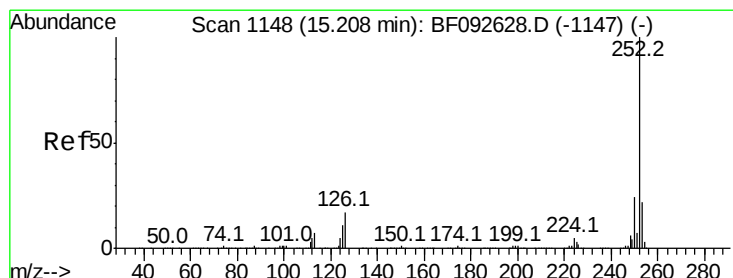
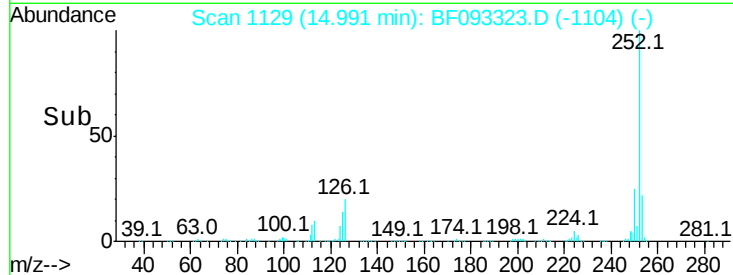
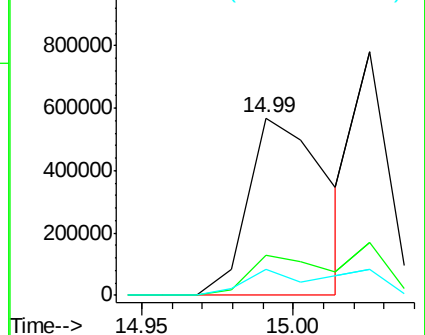
Tot Ion:252 Resp: 1028274
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 14.4 9.8 14.6

Manual Integrations
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mohammad
3/3/2017 5:16:33 PM

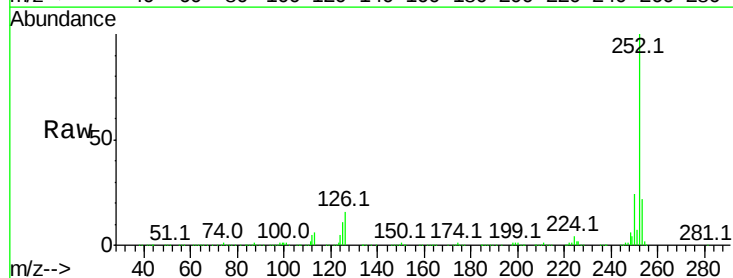


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

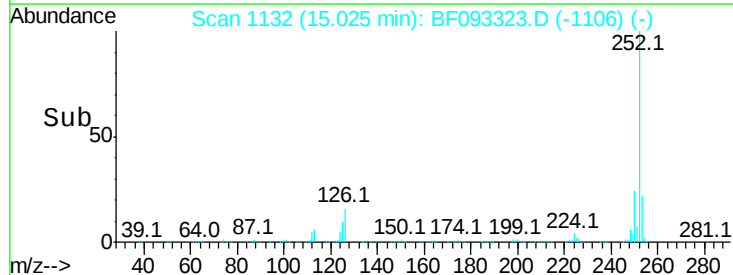
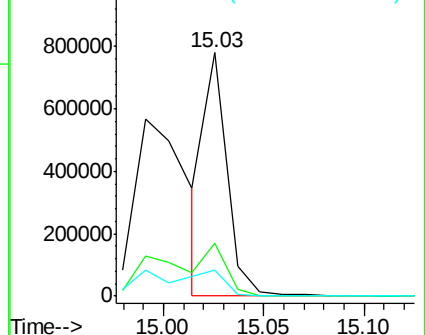


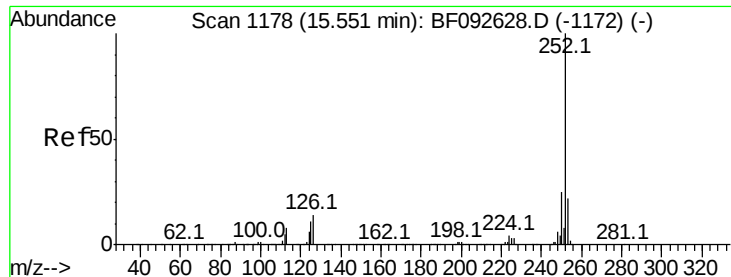
#88
Benzo(k)fluoranthene
Concen: 32.84 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion:252 Resp: 619124
Ion Ratio Lower Upper
252 100
253 21.8 18.5 27.7
125 10.6 8.9 13.3



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





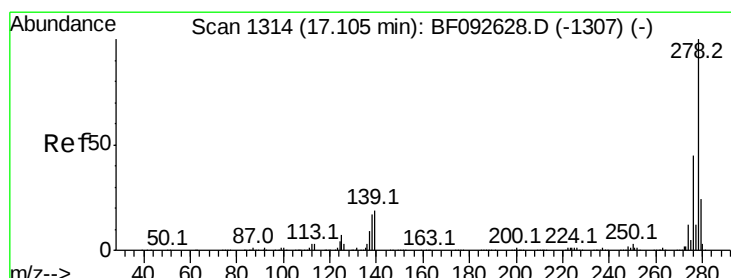
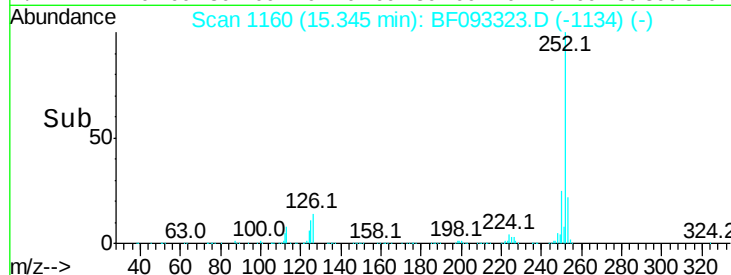
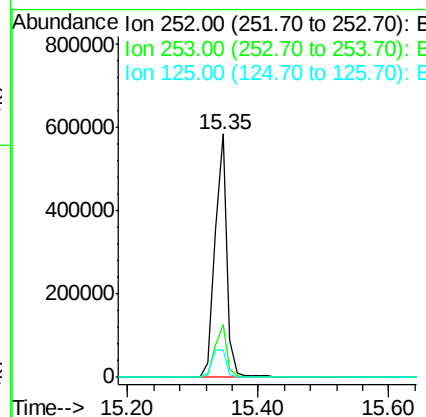
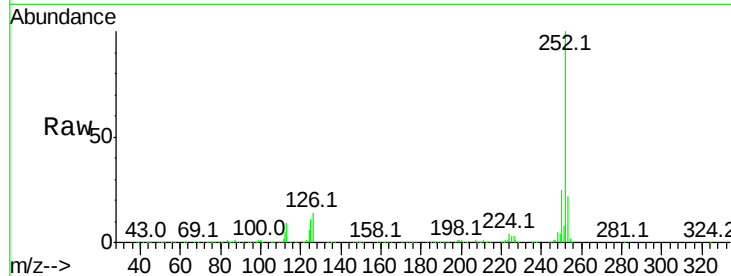
#89
Benzo(a)pyrene
Concen: 39.80 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	11.2	10.0	15.0

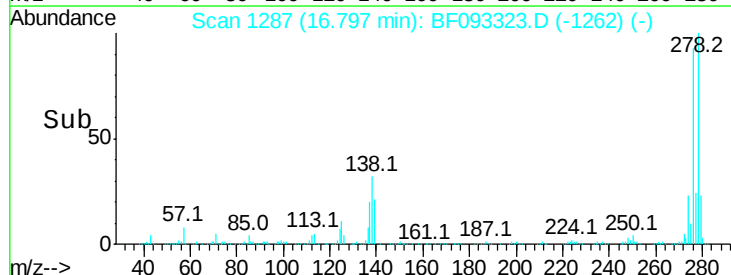
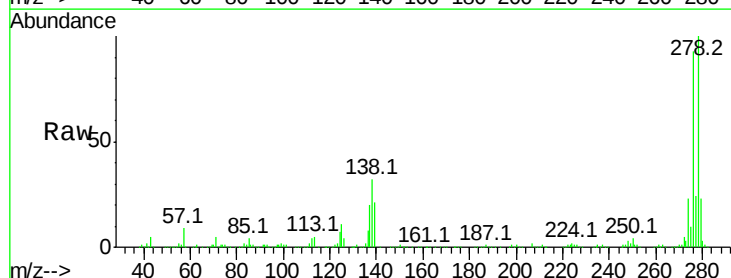
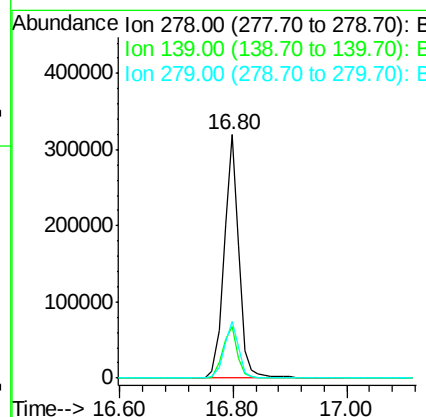
Manual Integrations
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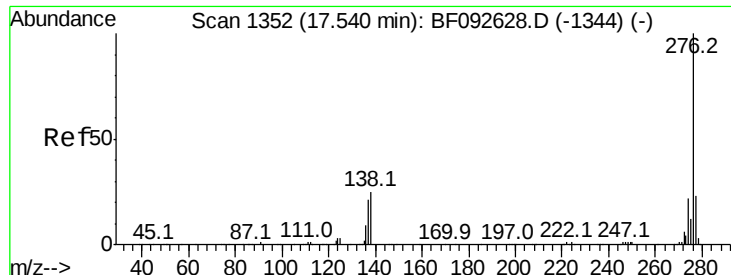
mohammad
3/3/2017 5:16:33 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.79 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.4	14.8	22.2
279	23.3	19.8	29.6





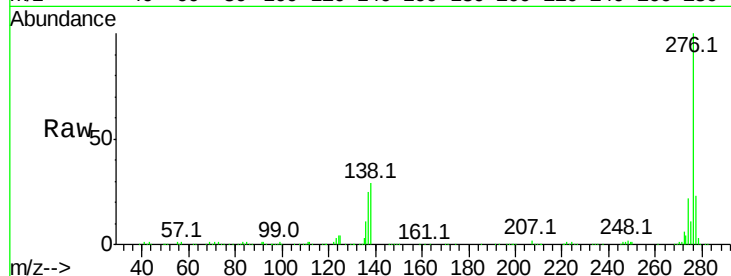
#91
 Benzo(a,h,i)perylene
 Concen: 39.01 ng
 RT: 17.21 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
276	100	601631		
277	23.5		19.2	28.8
138	29.2		16.0	24.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

