

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093938.D
 Acq On : 27 Mar 2017 12:06
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 3/28/2017 3:42:52 PM

Quant Time: Mar 27 16:12:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.95	152	186049	20.00	ng	0.00
21) Naphthalene-d8	7.46	136	753424	20.00	ng	0.00
38) Acenaphthene-d10	9.60	164	340843	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	611576	20.00	ng	0.00
75) Chrysene-d12	14.68	240	501713	20.00	ng	0.00
86) Perylene-d12	16.31	264	397253	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.47	112	873696	79.32	ng	0.00
7) Phenol-d6	5.55	99	1081620	79.37	ng	0.00
23) Nitrobenzene-d5	6.60	82	1056500	80.03	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	235967	87.61	ng	0.00
44) 2-Fluorobiphenyl	8.78	172	1804446	80.75	ng	0.00
78) Terphenyl-d14	13.40	244	1755561	78.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	207795	39.27	ng	97
3) Pyridine	2.81	79	577425	40.03	ng	99
4) n-Nitrosodimethylamine	2.77	42	239257	40.32	ng	88
6) Aniline	5.57	93	738355	38.95	ng	97
8) 2-Chlorophenol	5.72	128	489576	40.44	ng	94
9) Benzaldehyde	5.45	77	350780	38.12	ng	97
10) Phenol	5.56	94	611289	39.42	ng	90
11) bis(2-Chloroethyl)ether	5.66	93	480372	39.64	ng	97
12) 1,3-Dichlorobenzene	5.89	146	540944	39.83	ng	100
13) 1,4-Dichlorobenzene	5.97	146	553747	40.26	ng	97
14) 1,2-Dichlorobenzene	6.15	146	505876	39.93	ng	96
15) Benzyl Alcohol	6.12	79	400773	40.18	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.27	45	709909	38.02	ng	99
17) 2-Methylphenol	6.25	107	416845	40.20	ng	97
18) Hexachloroethane	6.55	117	195151	40.36	ng	# 86
19) n-Nitroso-di-n-propylamine	6.44	70	336674	38.44	ng	98
20) 3+4-Methylphenols	6.43	107	500812	39.88	ng	# 80
22) Acetophenone	6.43	105	681727	40.60	ng	# 91
24) Nitrobenzene	6.63	77	516123	39.64	ng	93
25) Isophorone	6.92	82	918164	39.58	ng	95
26) 2-Nitrophenol	7.00	139	268509	43.24	ng	96
27) 2,4-Dimethylphenol	7.06	122	428796	40.08	ng	98
28) bis(2-Chloroethoxy)methane	7.17	93	600009	39.22	ng	100
29) 2,4-Dichlorophenol	7.29	162	411736	41.16	ng	97
30) 1,2,4-Trichlorobenzene	7.39	180	412236	40.01	ng	98
31) Naphthalene	7.49	128	1440248	39.76	ng	99
32) Benzoic acid	7.22	122	263984	37.06	ng	98
33) 4-Chloroaniline	7.55	127	584618	39.82	ng	94
34) Hexachlorobutadiene	7.64	225	211892	40.10	ng	98
35) Caprolactam	8.00	113	134872	42.28	ng	92
36) 4-Chloro-3-methylphenol	8.16	107	426487	40.80	ng	93
37) 2-Methylnaphthalene	8.33	142	971839	40.24	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.53	216	373889	40.10	ng	100
40) Hexachlorocyclopentadiene	8.52	237	180925	41.47	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

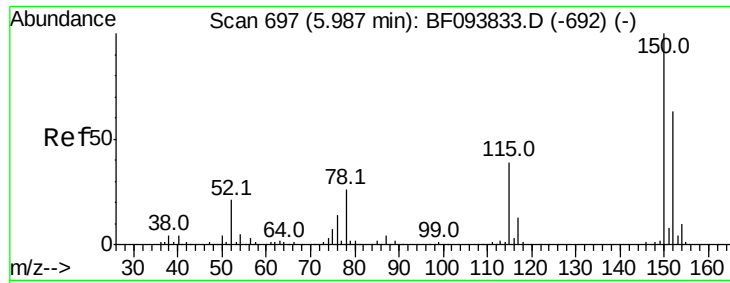
Manual Integrations
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Quant Time: Mar 27 16:12:39 2017
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.67	196	273249	41.42	nq	98
43) 2,4,5-Trichlorophenol	8.72	196	295218	41.36	nq	94
45) 1,1'-Biphenyl	8.90	154	1085403	39.48	nq	97
46) 2-Chloronaphthalene	8.92	162	856929	39.82	nq	94
47) 2-Nitroaniline	9.05	65	266959	41.82	nq	# 85
48) Acenaphthylene	9.43	152	1438312	40.21	nq	99
49) Dimethylphthalate	9.29	163	984924	40.65	nq	100
50) 2,6-Dinitrotoluene	9.35	165	235011	42.31	nq	# 87
51) Acenaphthene	9.65	154	822761	39.42	nq	100
52) 3-Nitroaniline	9.55	138	276386	42.38	nq	91
53) 2,4-Dinitrophenol	9.68	184	116251	41.50	nq	# 74
54) Dibenzofuran	9.86	168	1120704	39.45	nq	98
55) 4-Nitrophenol	9.77	139	214294	41.96	nq	# 71
56) 2,4-Dinitrotoluene	9.85	165	293152	42.02	nq	# 77
57) Fluorene	10.27	166	911896	38.71	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	201281	41.10	nq	98
59) Diethylphthalate	10.16	149	985435	41.15	nq	100
60) 4-Chlorophenyl-phenylether	10.28	204	385287	38.39	nq	94
61) 4-Nitroaniline	10.31	138	277466	44.33	nq	96
62) Azobenzene	10.47	77	905177	39.96	nq	97
64) 4,6-Dinitro-2-methylphenol	10.35	198	160752	42.92	nq	# 69
65) n-Nitrosodiphenylamine	10.43	169	837592	39.60	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	244622	40.67	nq	99
67) Hexachlorobenzene	10.95	284	249387	40.96	nq	# 82
68) Atrazine	11.10	200	262300	41.41	nq	96
69) Pentachlorophenol	11.20	266	141197	37.26	nq	100
70) Phenanthrene	11.46	178	1345294	39.54	nq	99
71) Anthracene	11.52	178	1397260	39.89	nq	98
72) Carbazole	11.72	167	1425463	39.68	nq	99
73) Di-n-butylphthalate	12.17	149	1518365	40.65	nq	99
74) Fluoranthene	12.92	202	1409588	40.46	nq	99
76) Benzidine	13.09	184	794692	40.02	nq	96
77) Pyrene	13.20	202	1444424	39.67	nq	99
79) Butylbenzylphthalate	14.01	149	654909	42.21	nq	88
80) Benzo(a)anthracene	14.67	228	1175682	40.19	nq	99
81) 3,3'-Dichlorobenzidine	14.64	252	448043	42.84	nq	# 97
82) Chrysene	14.72	228	1054871	38.85	nq	99
83) Bis(2-ethylhexyl)phthalate	14.72	149	840938	39.73	nq	# 100
84) Di-n-octyl phthalate	15.48	149	1470231	41.58	nq	98
85) Indeno(1,2,3-cd)pyrene	17.69	276	906772	38.56	nq	99
87) Benzo(b)fluoranthene	15.90	252	1045633	42.94	nq	98
88) Benzo(k)fluoranthene	15.93	252	920435m	38.63	nq	
89) Benzo(a)pyrene	16.25	252	920155	41.03	nq	98
90) Dibenzo(a,h)anthracene	17.71	278	763658	40.21	nq	97
91) Benzo(g,h,i)perylene	18.10	276	765785	40.01	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.95 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

Instrument :

BNA_F

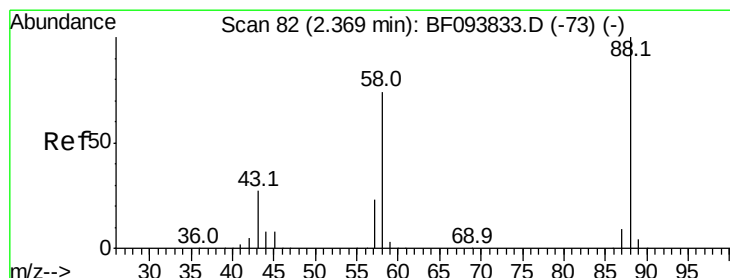
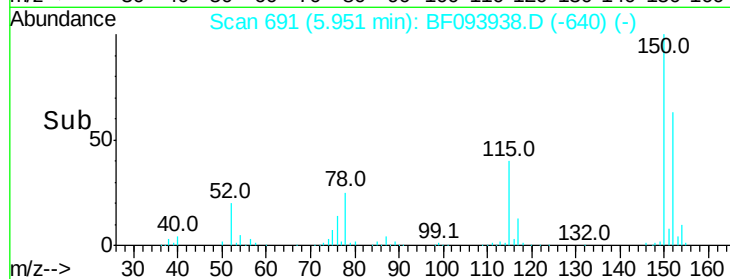
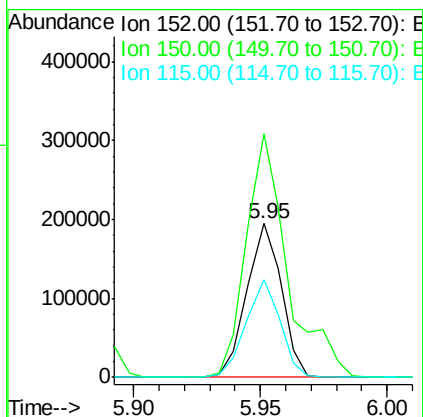
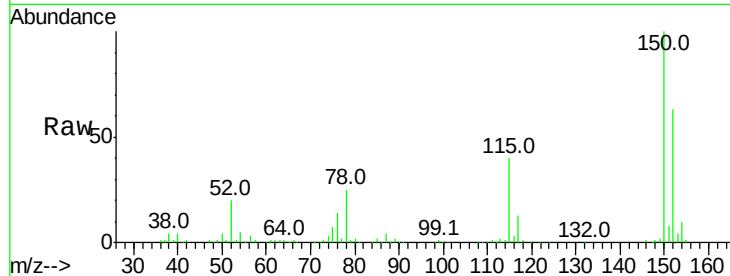
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	186049
Ion Ratio	Lower	Upper	
152	100		
150	158.4	126.2	189.2
115	63.7	52.2	78.2

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#2

1,4-Dioxane

Concen: 39.27 ng

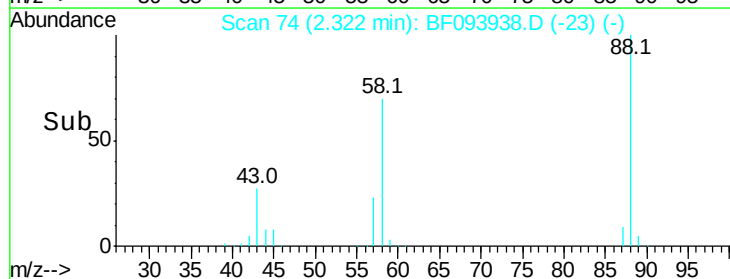
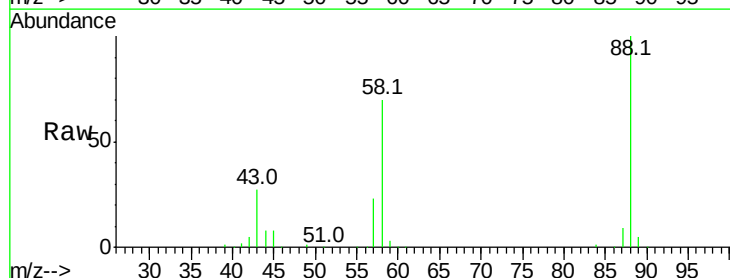
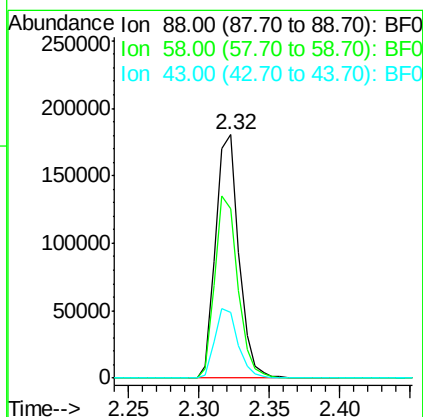
RT: 2.32 min Scan# 74

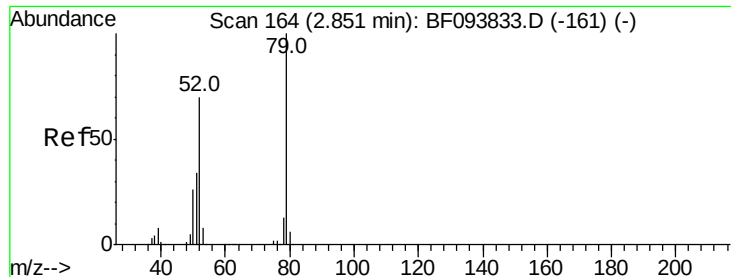
Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

Tgt Ion:	88	Resp:	207795
Ion Ratio	Lower	Upper	
88	100		
58	74.0	61.4	92.0
43	28.4	23.4	35.0





#3

Pvridine

Concen: 40.03 ng

RT: 2.81 min Scan# 157

Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

Instrument :

BNA_F

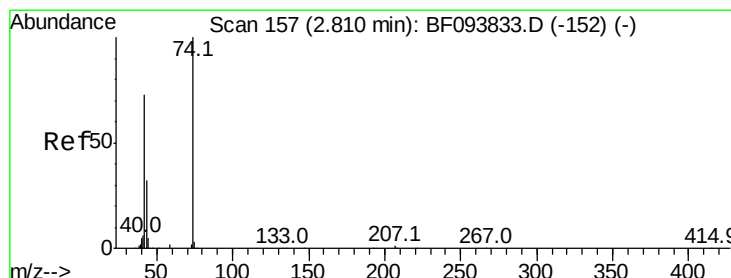
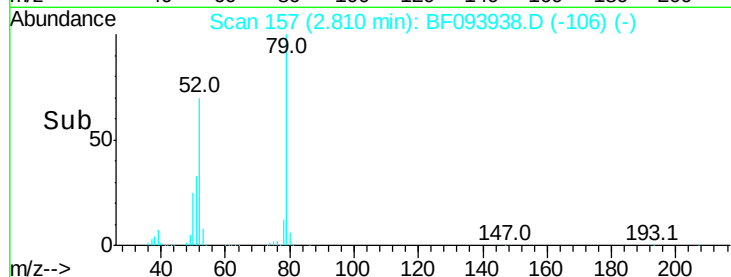
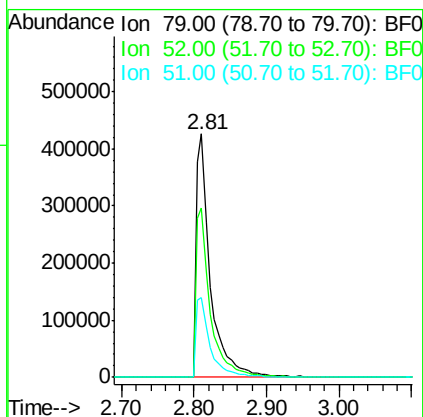
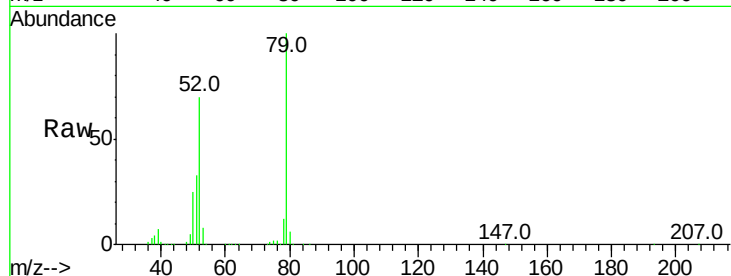
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	69.5	54.8	82.2
51	51	32.9	27.0	40.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.32 ng

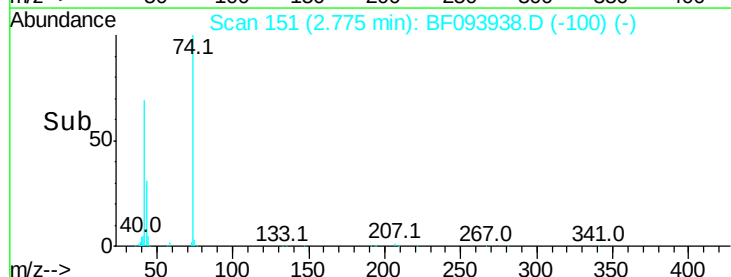
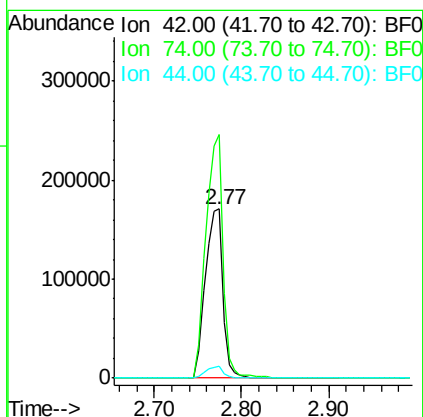
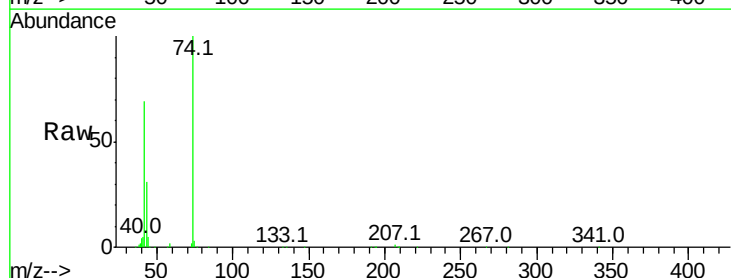
RT: 2.77 min Scan# 151

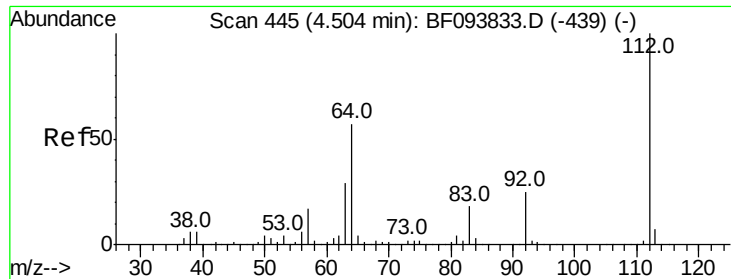
Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	144.0	103.9	155.9
44	44	6.7	5.7	8.5





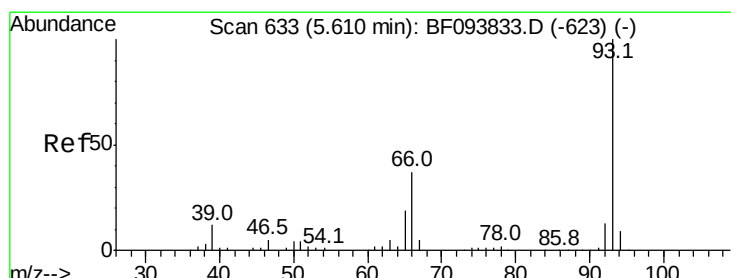
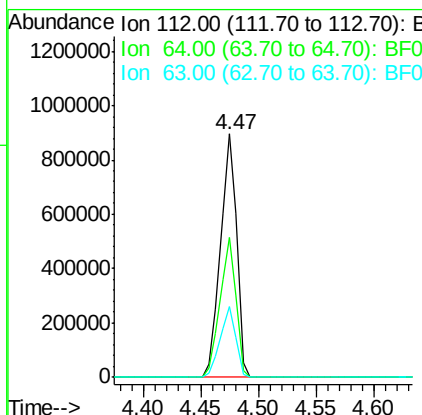
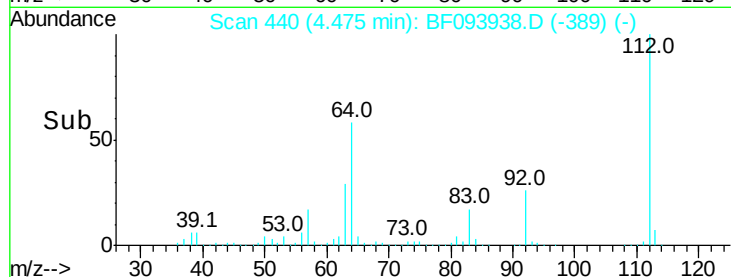
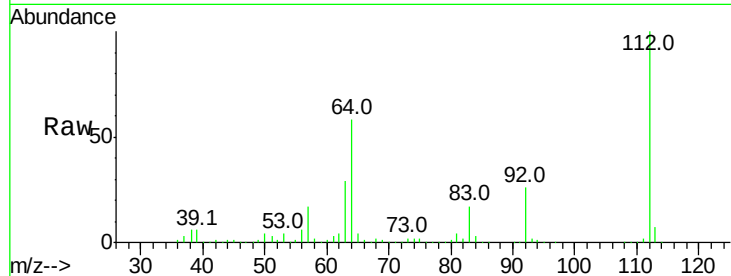
#5
2-Fluorophenol
Concen: 79.32 ng
RT: 4.47 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF093938.D
Acq: 27 Mar 2017 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
112	100	873696		
64	57.5	46.0	69.0	
63	28.9	23.4	35.0	

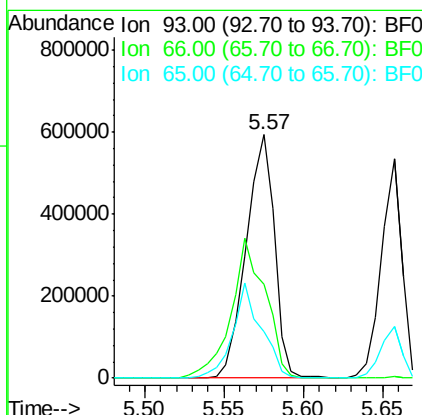
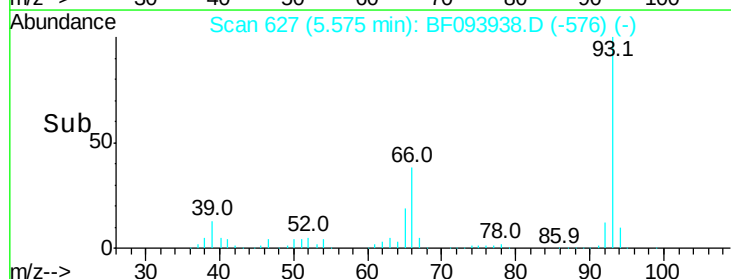
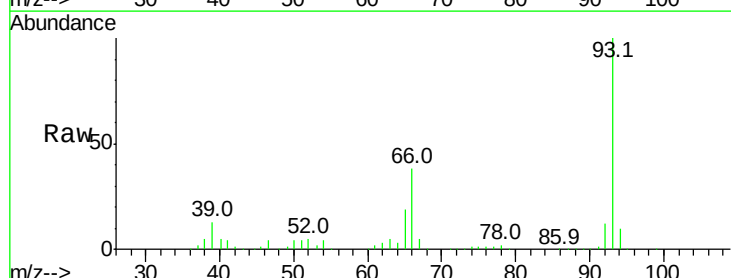
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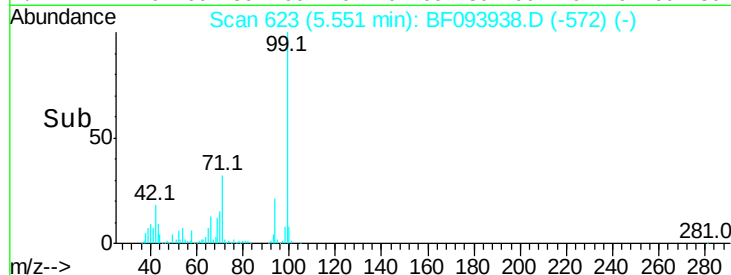
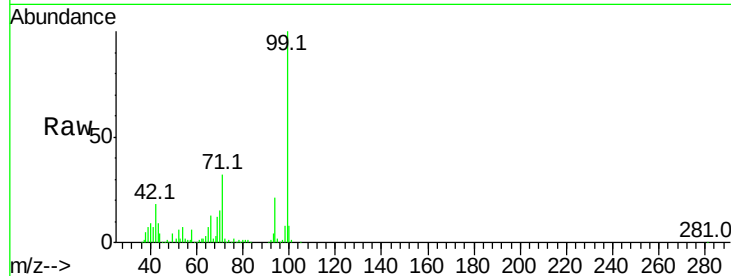
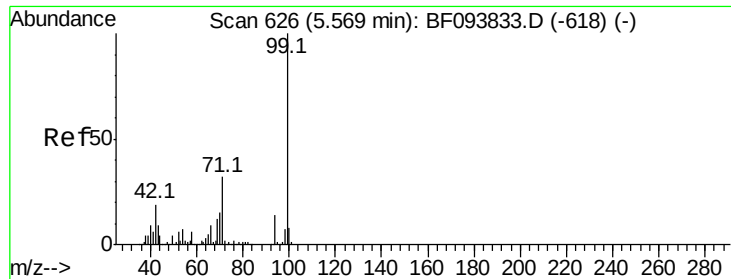
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#6
Aniline
Concen: 38.95 ng
RT: 5.57 min Scan# 627
Delta R.T. 0.00 min
Lab File: BF093938.D
Acq: 27 Mar 2017 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	738355		
66	38.4	32.9	49.3	
65	19.3	16.0	24.0	





#7

Phenol-d6

Concen: 79.37 ng

RT: 5.55 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

Tot Ion:	99	Resp:	1081620
Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.5	20.3
71	32.2	24.5	36.7

Instrument :

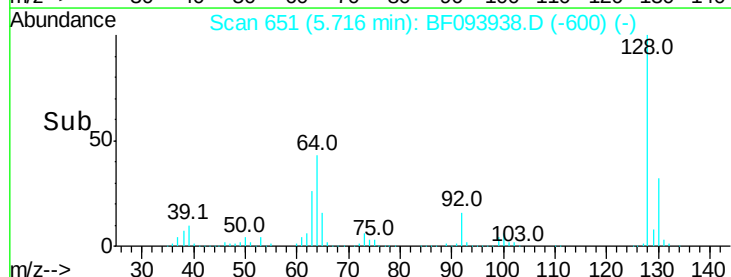
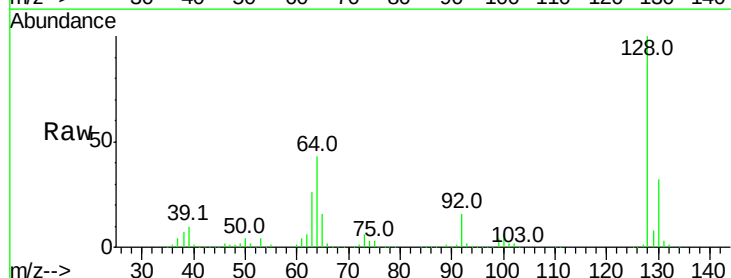
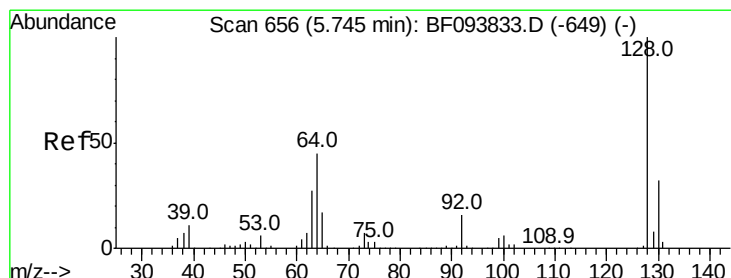
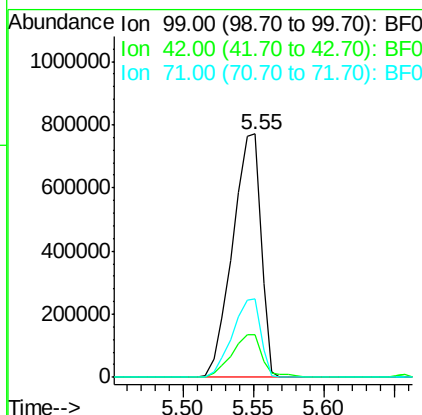
BNA_F

ClientSampleId :

SSTDCCC040

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#8

2-Chlorophenol

Concen: 40.44 ng

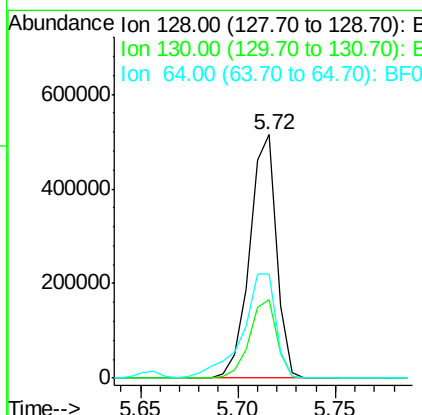
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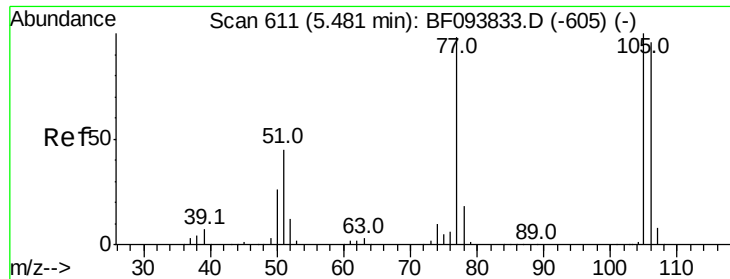
Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

Tgt Ion:	128	Resp:	489576
Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.9	52.9
64	42.5	28.4	68.4





#9

Benzaldehyde

Concen: 38.12 ng

RT: 5.45 min Scan# 605

Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

Instrument :

BNA_F

ClientSampleId :

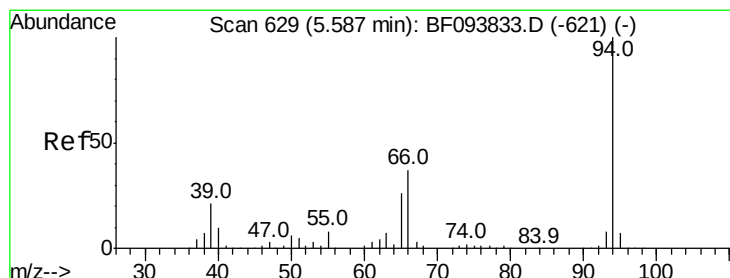
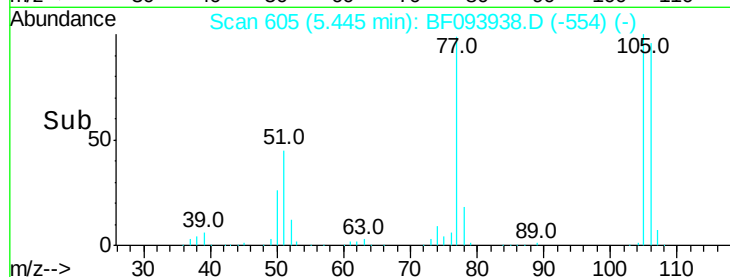
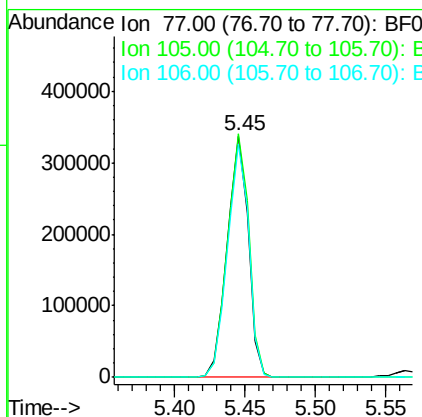
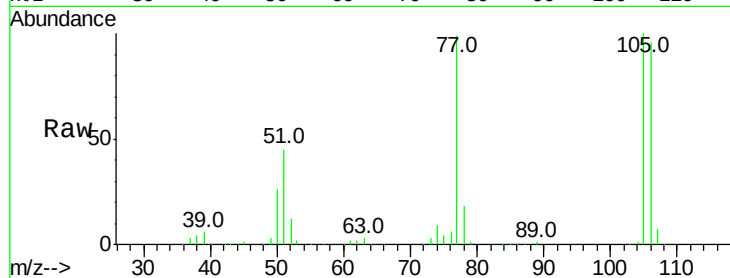
SSTDCCC040

Tot Ion: 77 Resp: 350780

Ion	Ratio	Lower	Upper
77	100		
105	101.0	83.8	123.8
106	96.8	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 39.42 ng

RT: 5.56 min Scan# 625

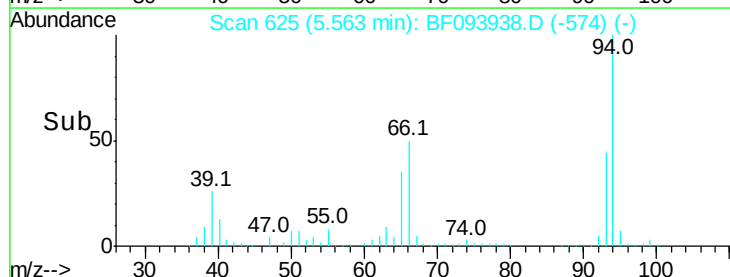
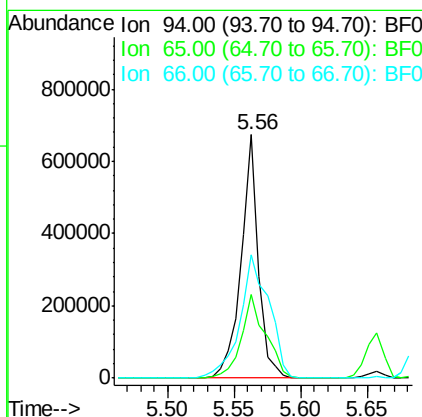
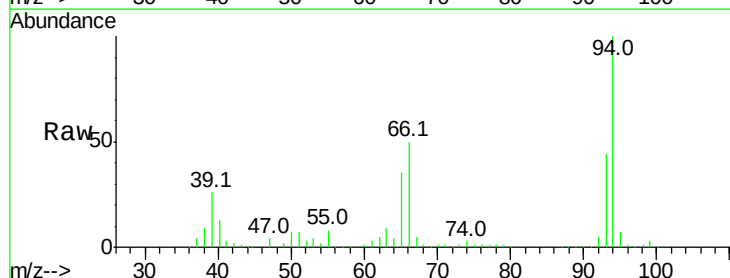
Delta R.T. 0.00 min

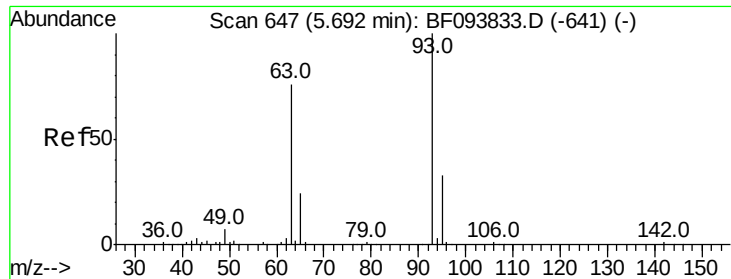
Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

Tgt Ion: 94 Resp: 611289

Ion	Ratio	Lower	Upper
94	100		
65	34.6	9.9	49.9
66	50.5	23.1	63.1





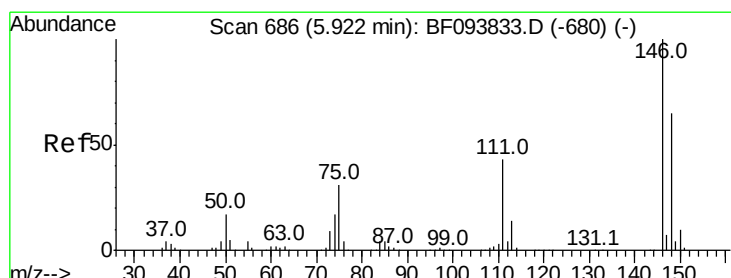
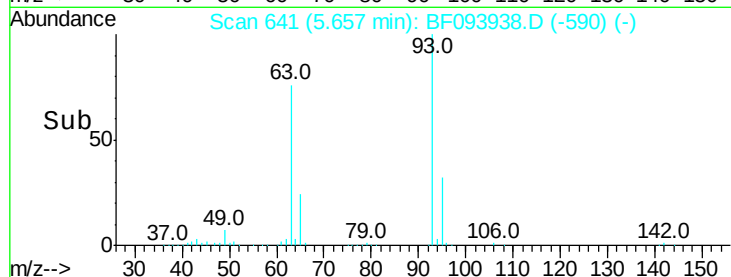
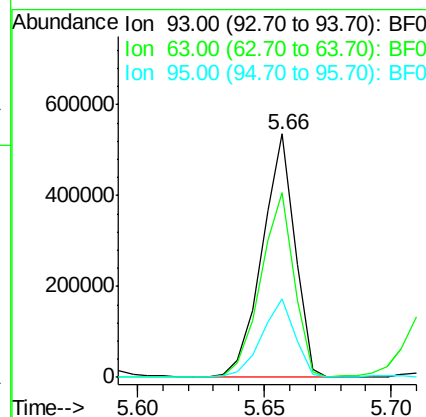
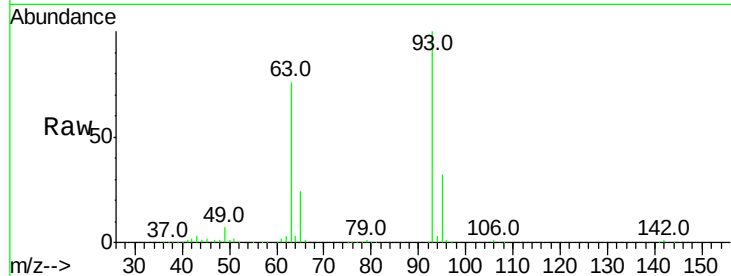
#11
bis(2-Chloroethyl)ether
Concen: 39.64 ng
RT: 5.66 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF093938.D
Acq: 27 Mar 2017 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	93	Ratio	100	Resp	480372
Ion	93	100		Lower	Upper
	63	75.8		59.2	99.2
	95	32.3		12.8	52.8

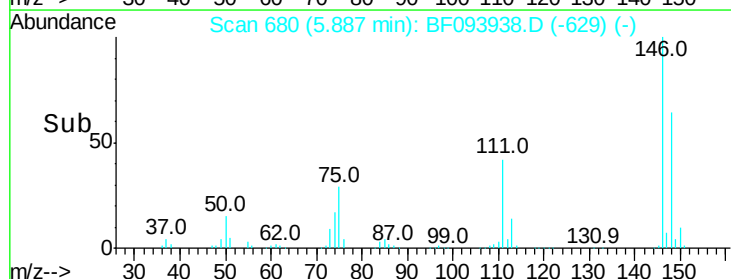
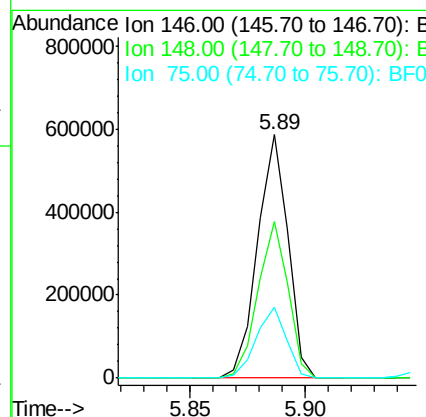
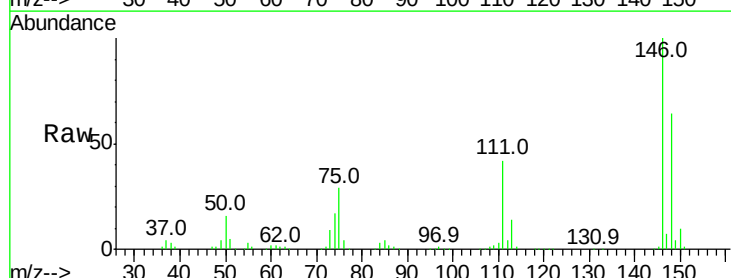
Manual Integrations
APPROVED

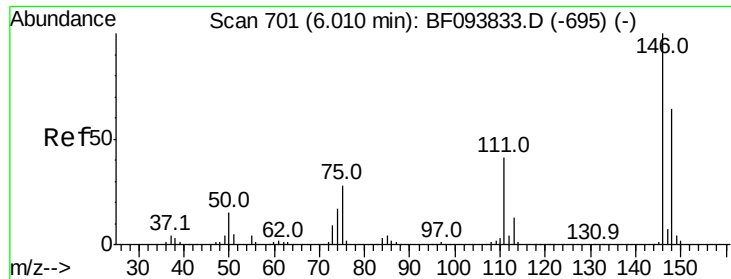
mohammad
3/28/2017 3:42:52 PM



#12
1,3-Dichlorobenzene
Concen: 39.83 ng
RT: 5.89 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF093938.D
Acq: 27 Mar 2017 12:06

Tgt Ion	146	Ratio	100	Resp	540944
Ion	146	100		Lower	Upper
	148	64.3		51.8	77.6
	75	29.1		23.1	34.7





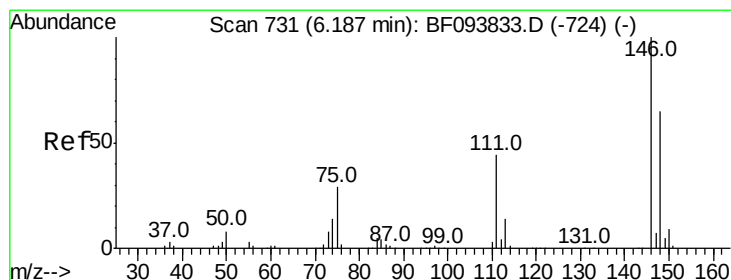
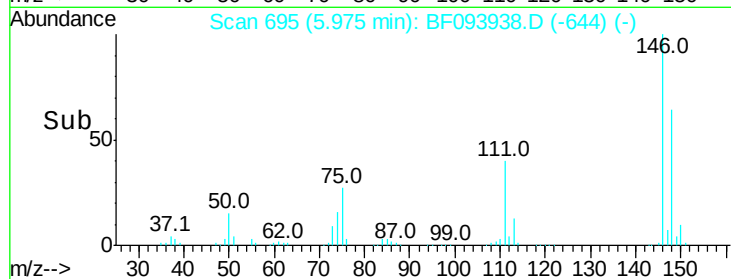
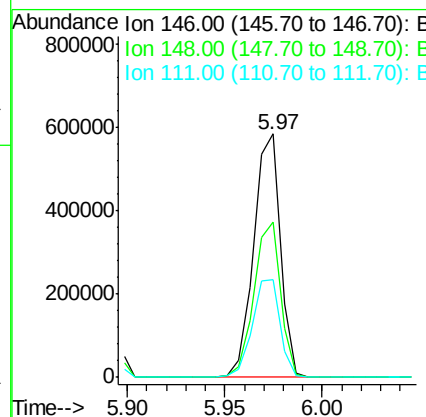
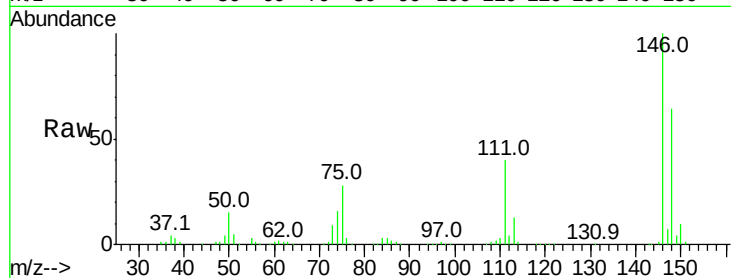
#13
 1,4-Dichlorobenzene
 Concen: 40.26 ng
 RT: 5.97 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.2	78.2
111	40.1	30.3	45.5

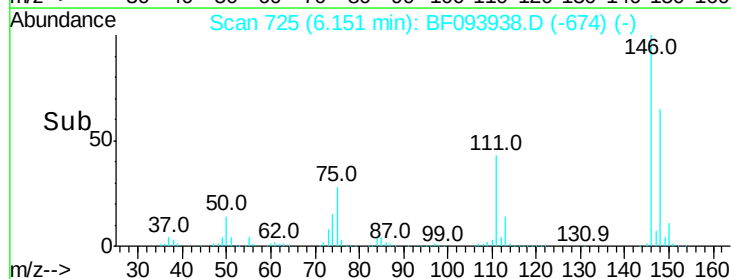
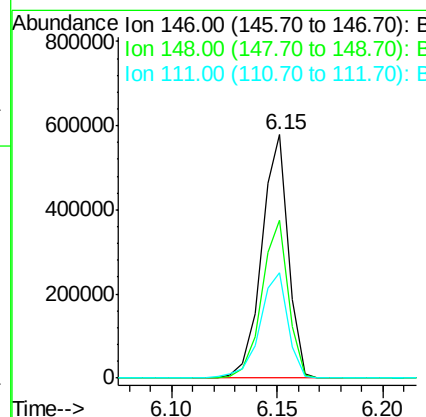
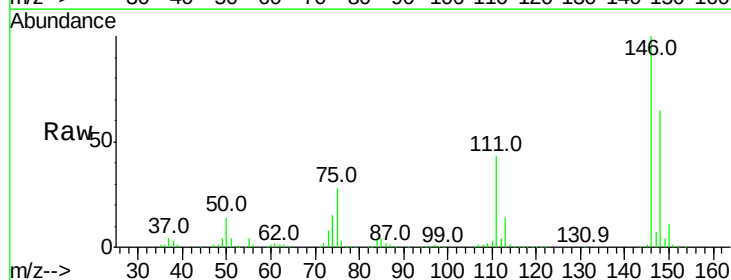
Manual Integrations
 APPROVED

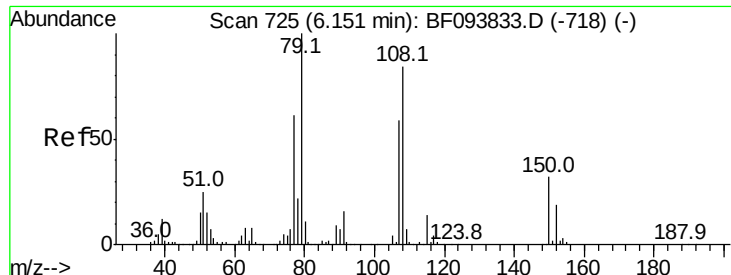
mohammad
 3/28/2017 3:42:52 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.93 ng
 RT: 6.15 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.4	75.6
111	43.1	38.2	57.4





#15

Benzyl Alcohol

Concen: 40.18 ng

RT: 6.12 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 400773

Ion Ratio Lower Upper

79 100

108 82.0 63.4 95.0

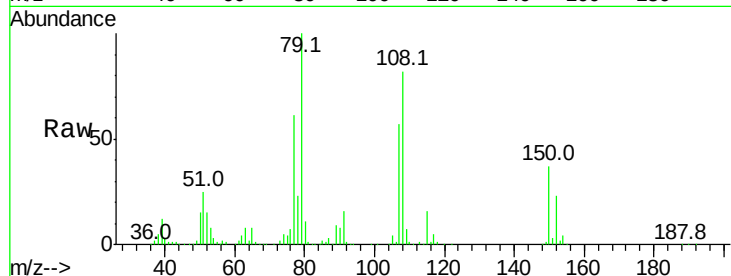
77 60.6 49.2 73.8

Manual Integrations

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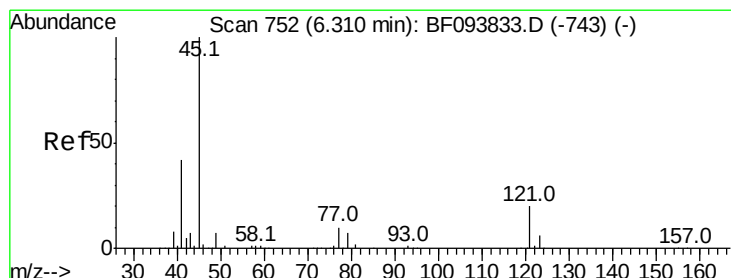
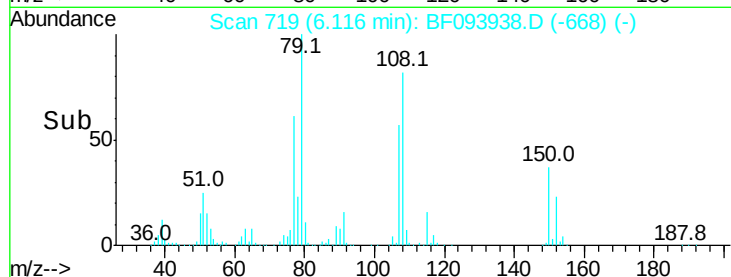
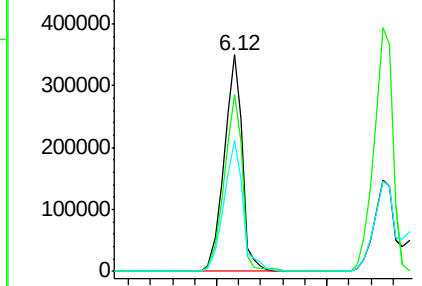
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Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.02 ng

RT: 6.27 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

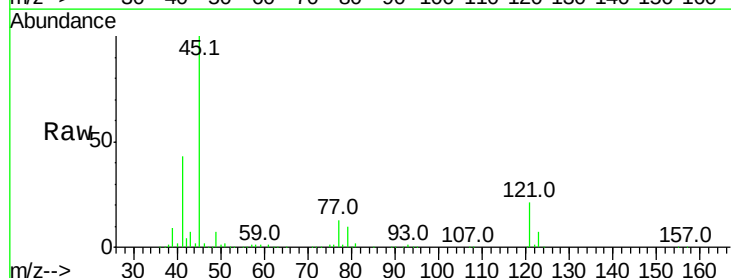
Tgt Ion: 45 Resp: 709909

Ion Ratio Lower Upper

45 100

77 13.4 0.0 33.2

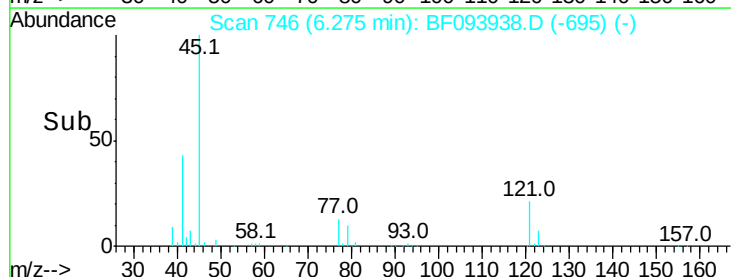
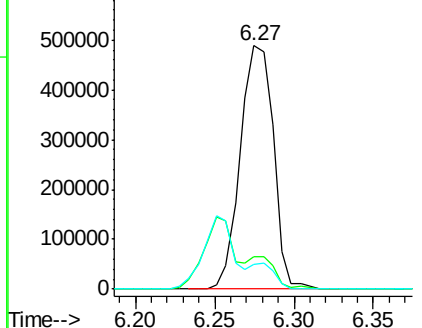
79 10.3 0.0 30.0

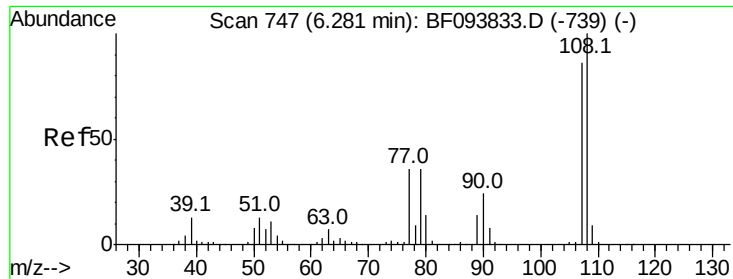


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





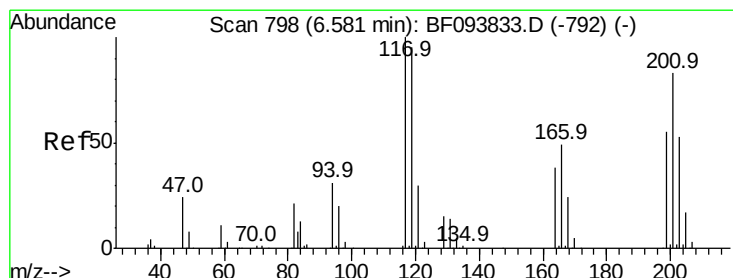
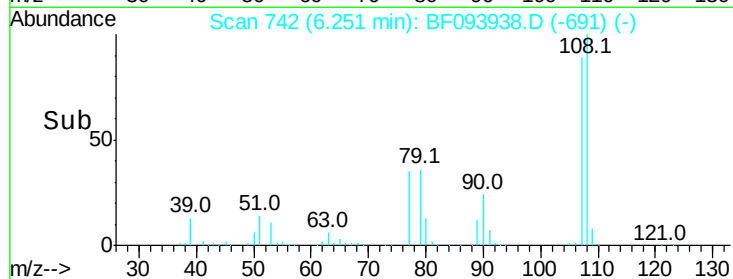
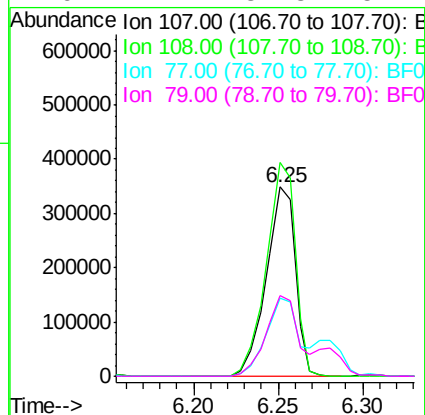
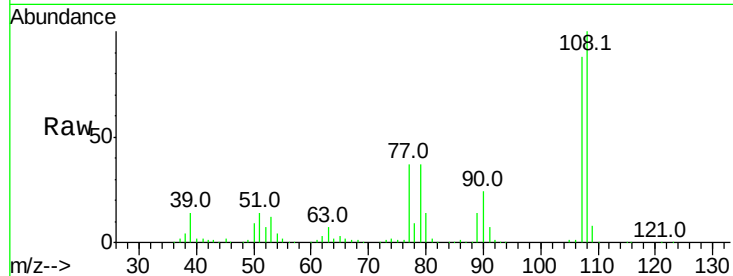
#17
2-Methylphenol
Concen: 40.20 ng
RT: 6.25 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF093938.D
Acq: 27 Mar 2017 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	113.1	93.4	140.0		
77	41.5	35.8	53.6		
79	42.4	34.8	52.2		

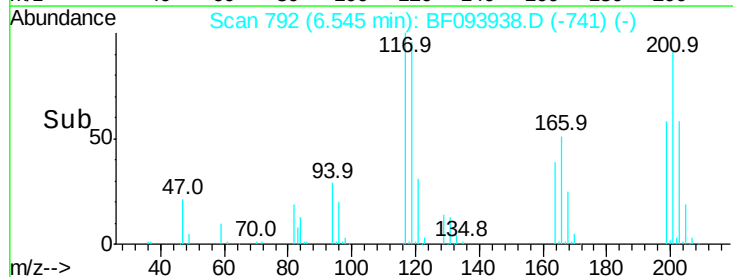
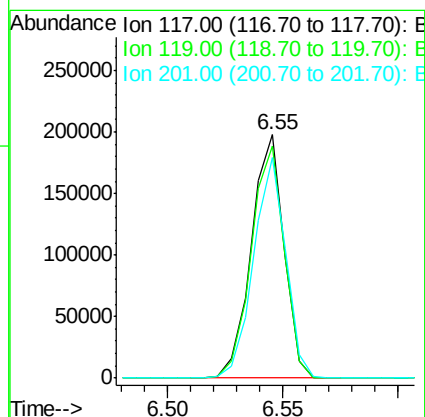
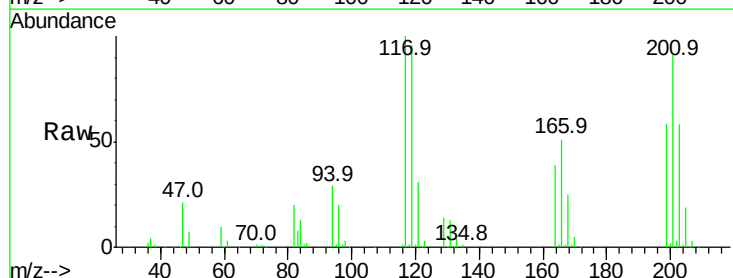
Manual Integrations
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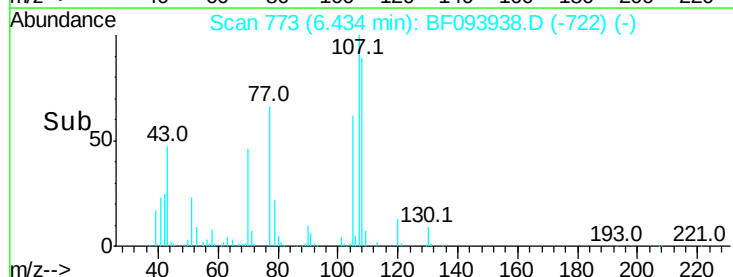
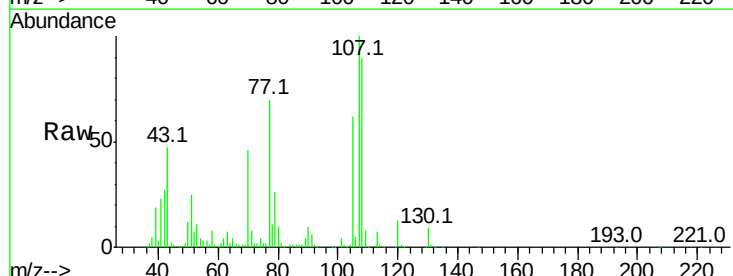
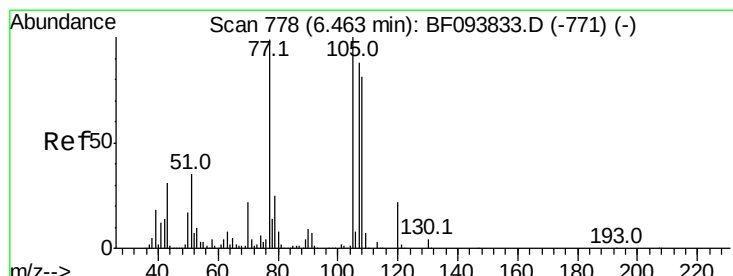
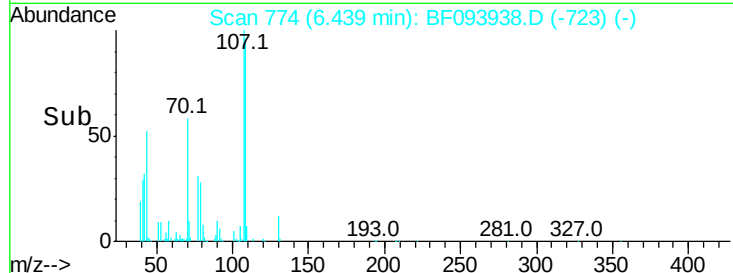
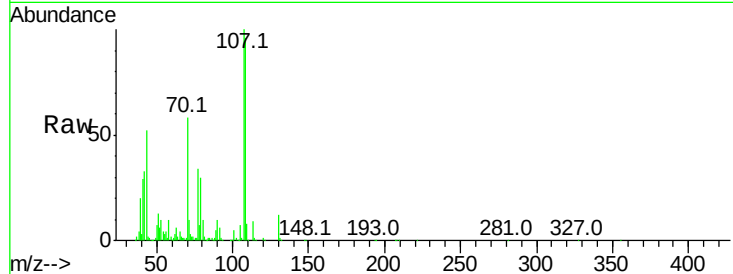
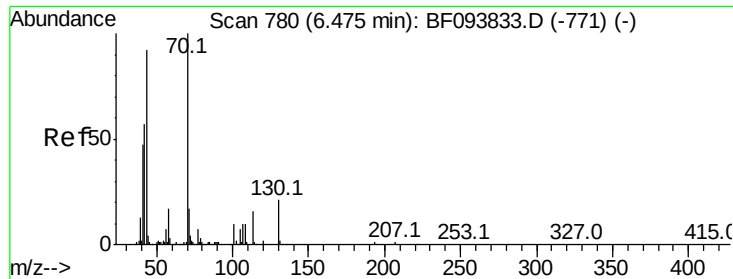
mohammad
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#18
Hexachloroethane
Concen: 40.36 ng
RT: 6.55 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF093938.D
Acq: 27 Mar 2017 12:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	95.5	77.4	116.0		
201	90.7	94.6	141.8#		





#19

n-Nitroso-di-n-propylamine

Concen: 38.44 ng

RT: 6.44 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF093938.D

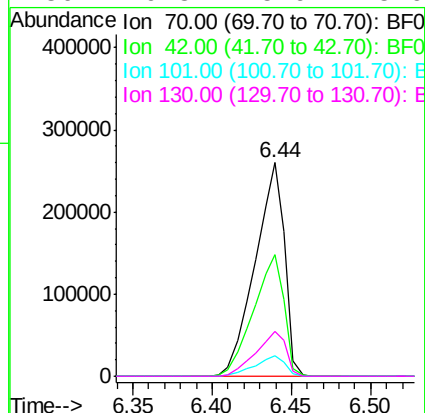
Acq: 27 Mar 2017 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.9	47.2	70.8	
101	9.3	7.2	10.8	
130	20.8	15.9	23.9	

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#20

3+4-Methylphenols

Concen: 39.88 ng

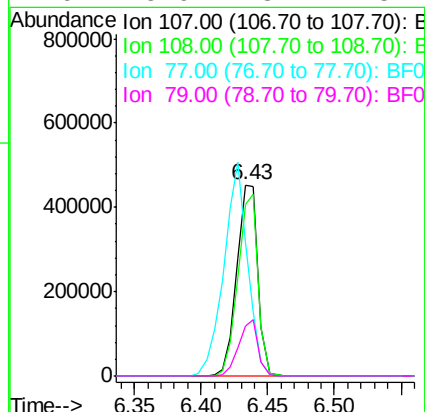
RT: 6.43 min Scan# 773

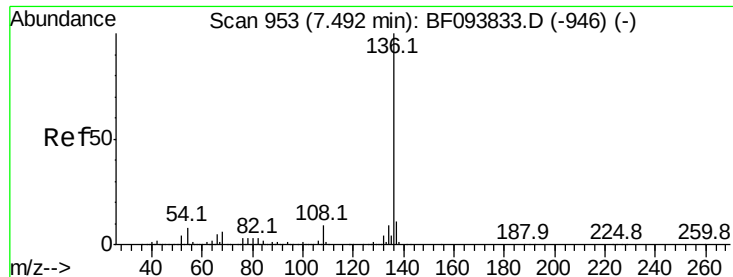
Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.6	71.0	111.0	
77	69.9	90.5	130.5#	
79	25.9	8.4	48.4	





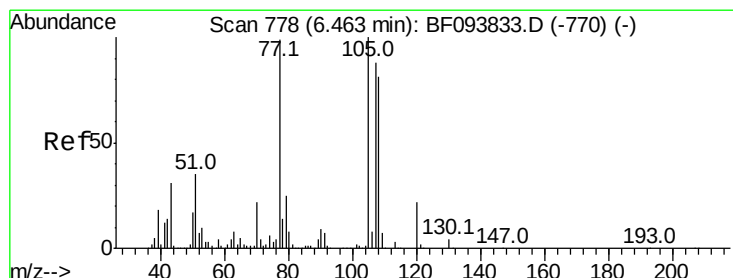
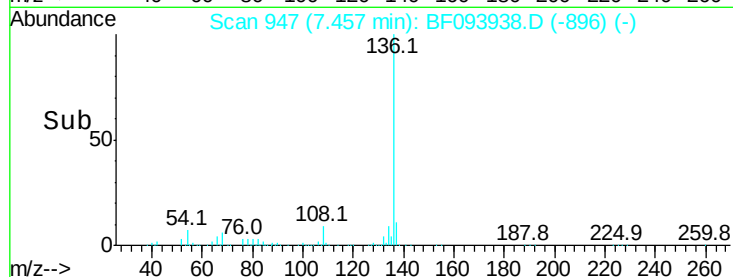
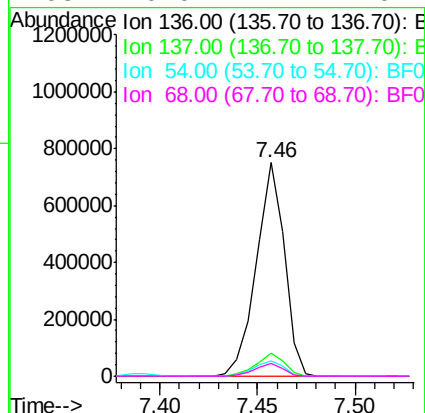
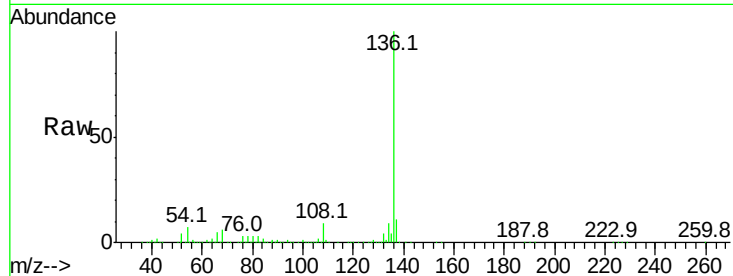
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.46 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF093938.D
Acq: 27 Mar 2017 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	753424		
137	10.9		8.5	12.7
54	7.2		4.9	7.3
68	6.0		4.1	6.1

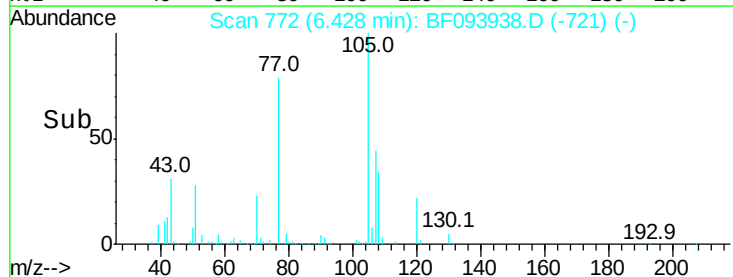
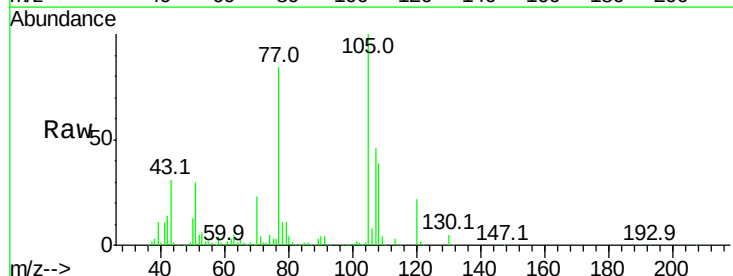
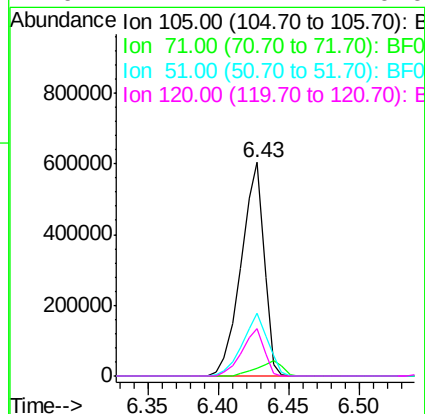
Manual Integrations
APPROVED

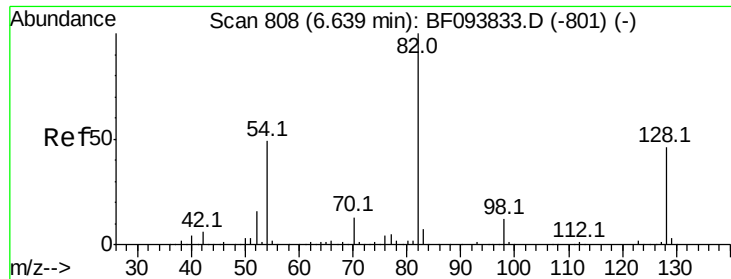
mohammad
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#22
Acetophenone
Concen: 40.60 ng
RT: 6.43 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF093938.D
Acq: 27 Mar 2017 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	681727		
71	3.7		2.8	4.2
51	29.7		30.7	46.1#
120	22.2		17.4	26.0





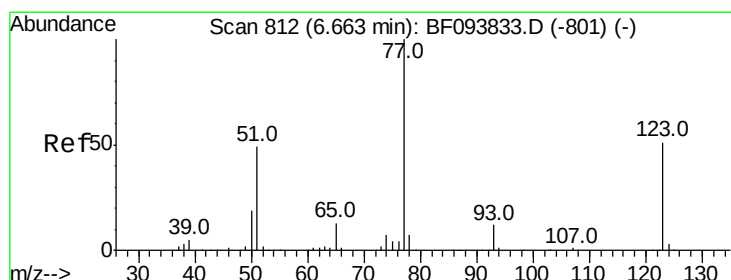
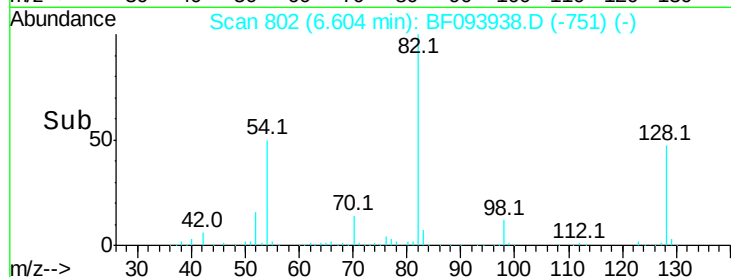
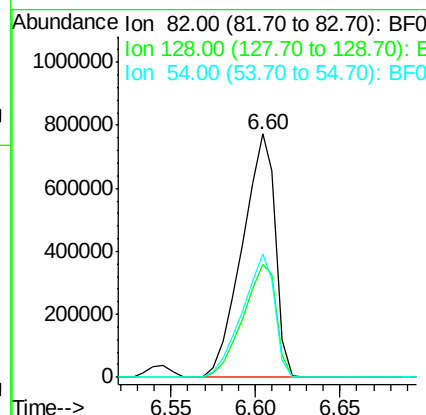
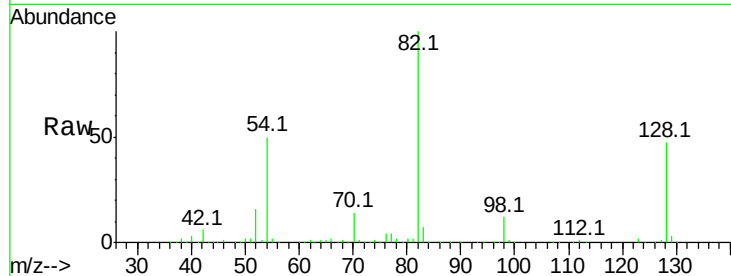
#23
 Nitrobenzene-d5
 Concen: 80.03 ng
 RT: 6.60 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.0	51.0
54	50.4	42.2	63.2

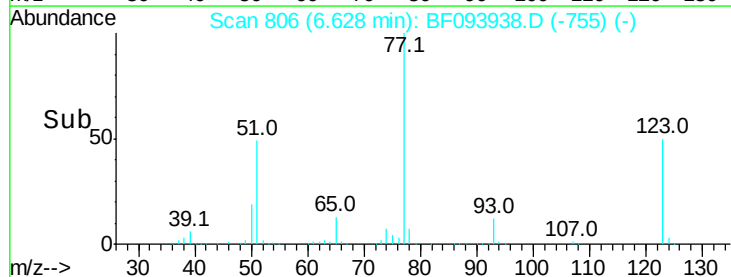
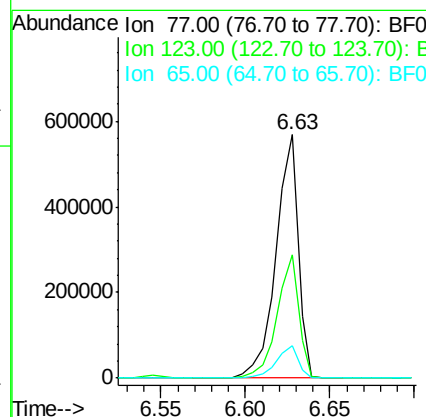
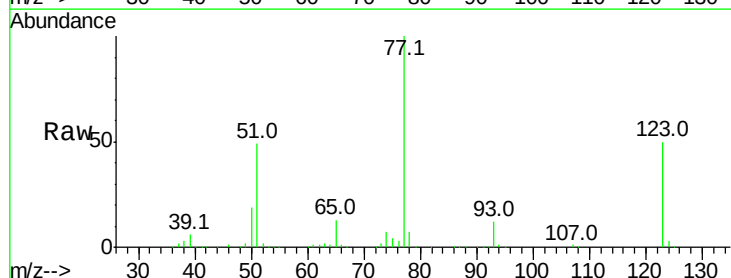
Manual Integrations
 APPROVED

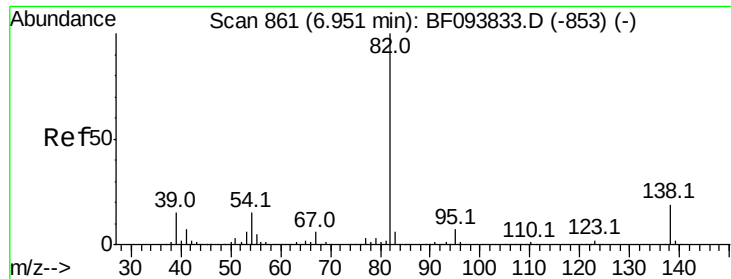
mohammad
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#24
 Nitrobenzene
 Concen: 39.64 ng
 RT: 6.63 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.5	35.8	53.8
65	13.3	10.6	15.8





#25

Isophorone

Concen: 39.58 ng

RT: 6.92 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

Instrument :

BNA_F

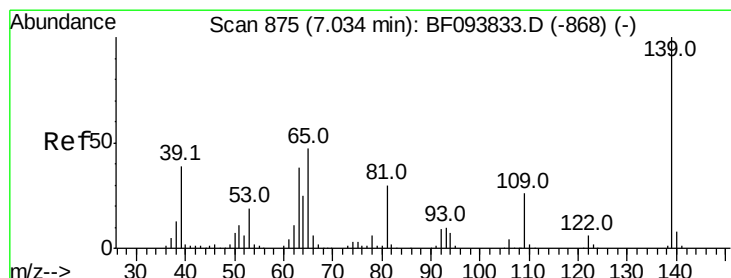
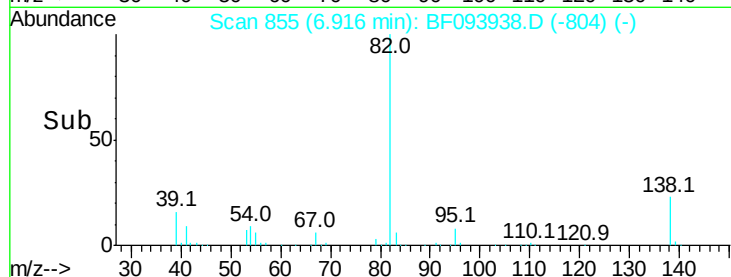
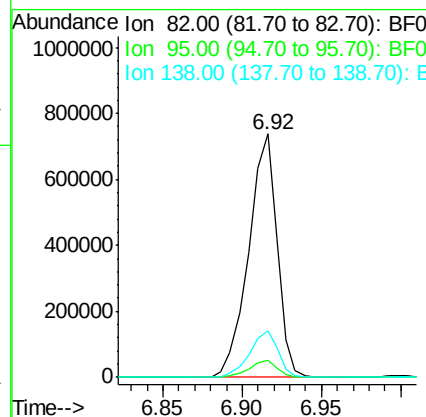
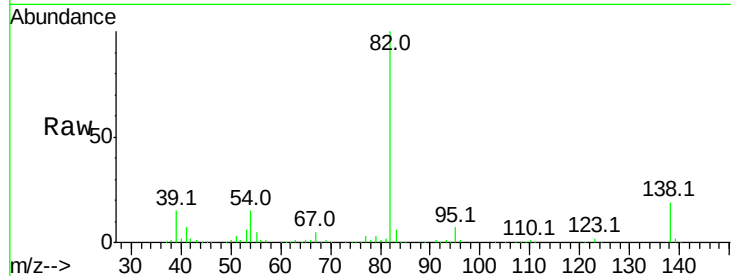
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	918164
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.3	7.9
138	19.1	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.24 ng

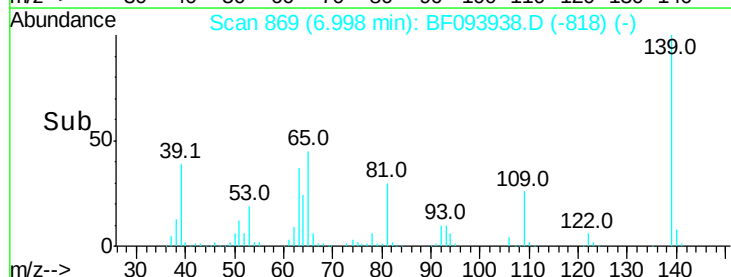
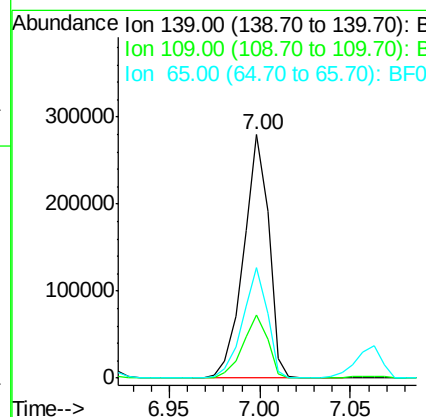
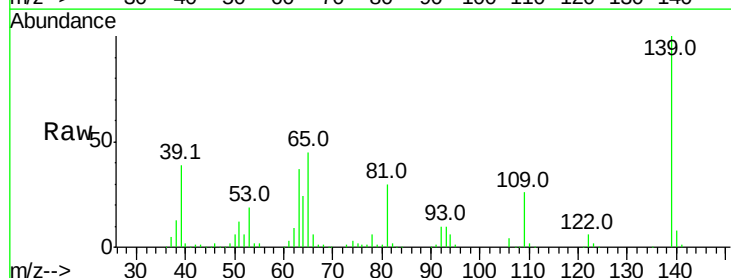
RT: 7.00 min Scan# 869

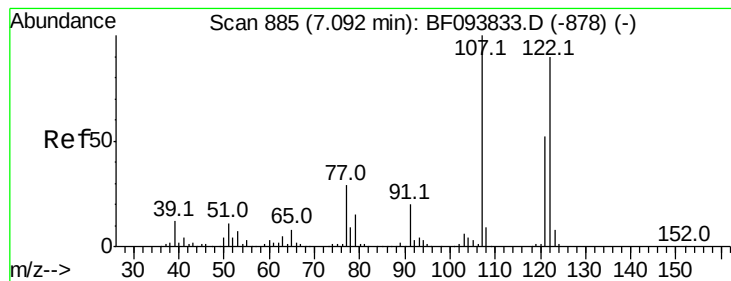
Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

Tgt Ion:	139	Resp:	268509
Ion Ratio		Lower	Upper
139	100		
109	26.2	21.0	31.6
65	45.2	33.0	49.6





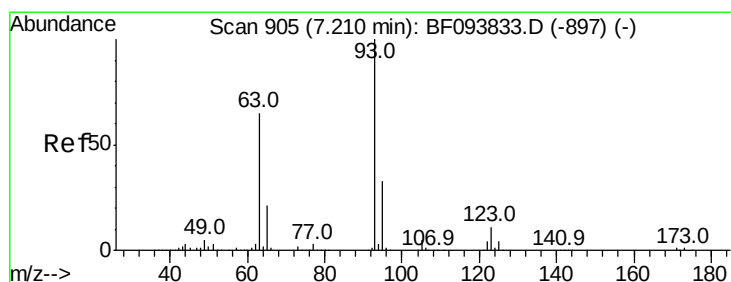
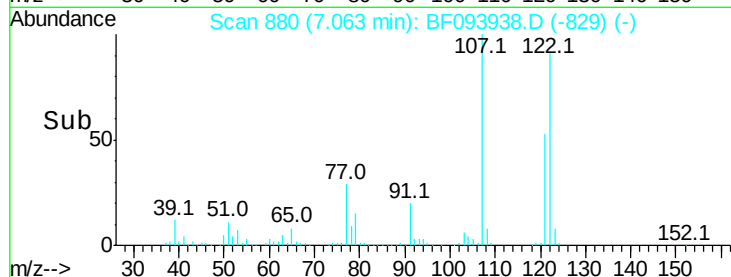
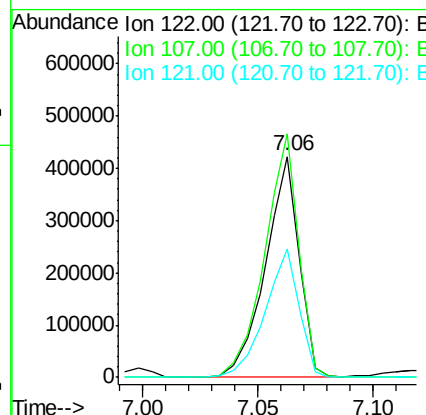
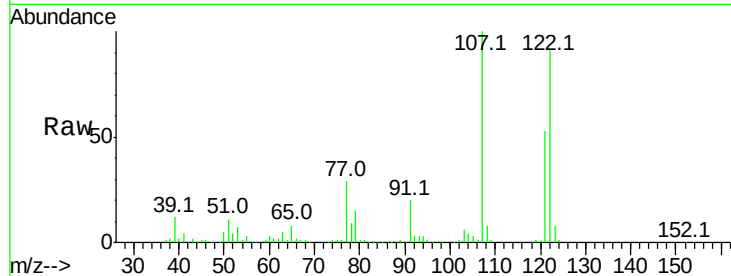
#27
 2,4-Dimethylphenol
 Concen: 40.08 ng
 RT: 7.06 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.3	89.2	133.8
121	58.1	45.2	67.8

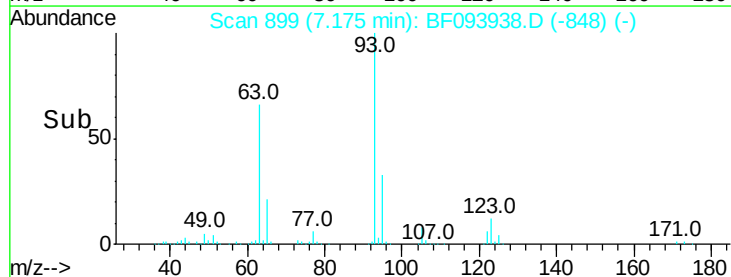
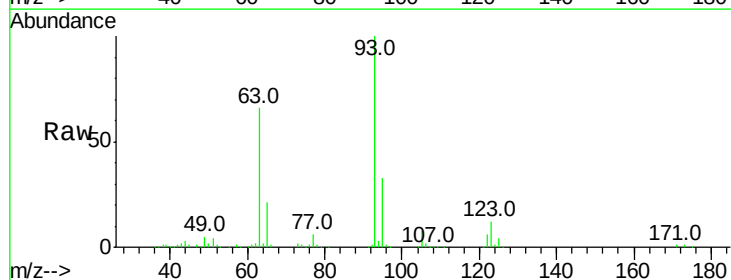
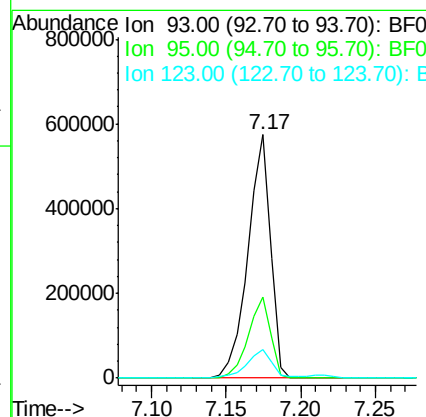
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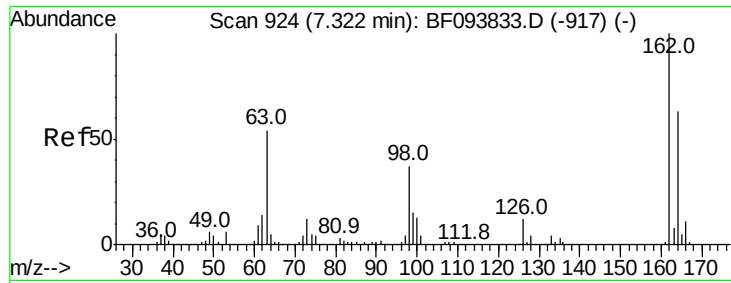
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.22 ng
 RT: 7.17 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.5	39.7
123	11.7	9.0	13.4





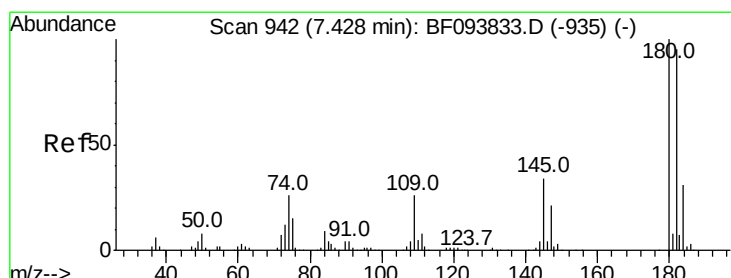
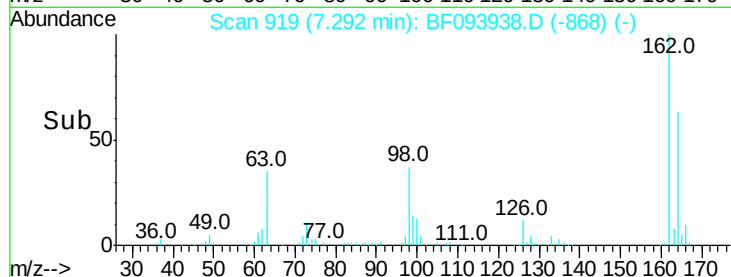
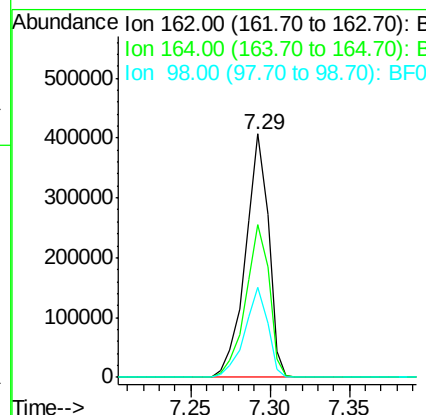
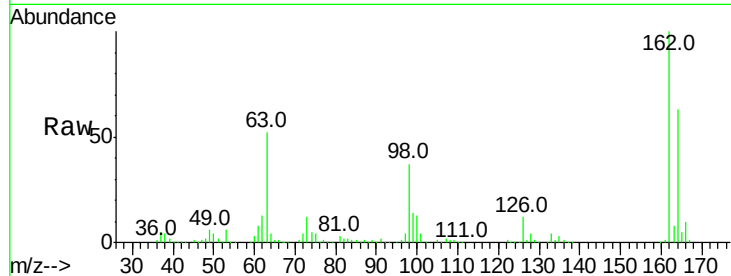
#29
 2,4-Dichlorophenol
 Concen: 41.16 ng
 RT: 7.29 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	411736
Ion Ratio	Lower	Upper	
162	100		
164	62.8	44.6	84.6
98	37.2	14.8	54.8

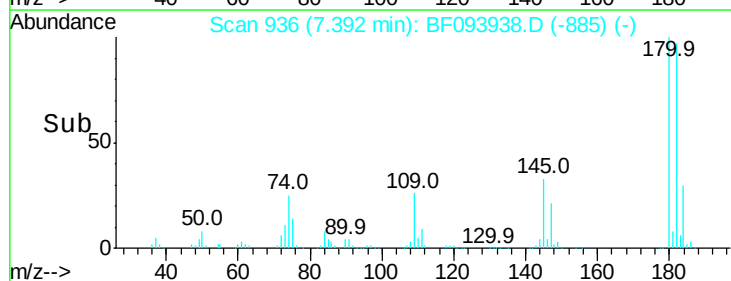
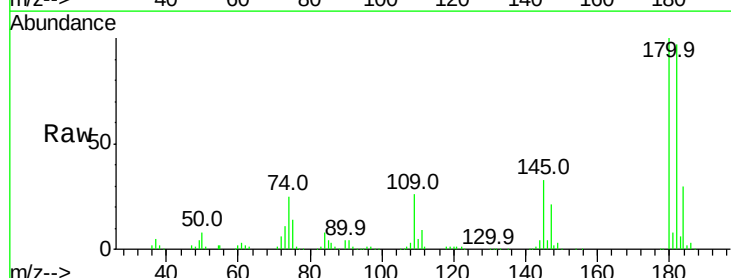
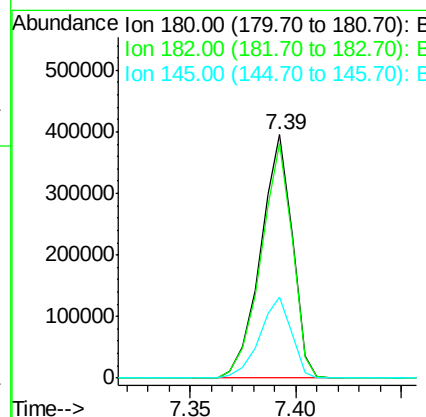
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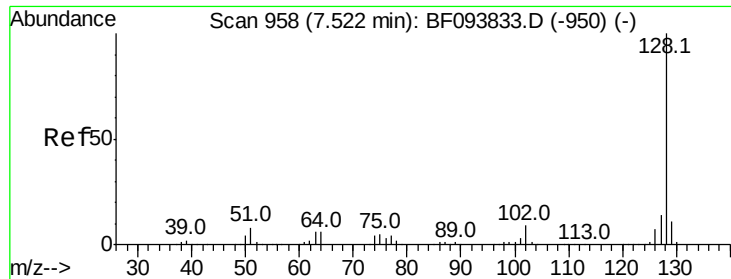
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.01 ng
 RT: 7.39 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Tgt Ion:	180	Resp:	412236
Ion Ratio	Lower	Upper	
180	100		
182	96.6	75.8	113.6
145	33.5	25.3	37.9





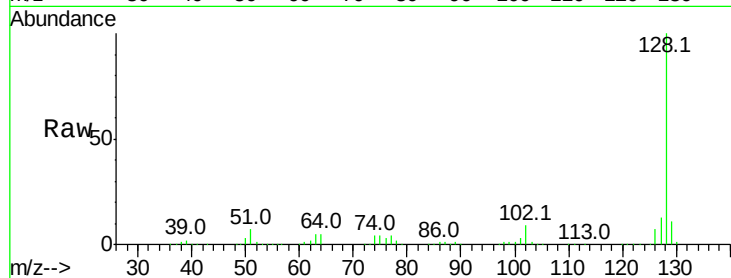
#31
Naphthalene
Concen: 39.76 ng
RT: 7.49 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF093938.D
Acq: 27 Mar 2017 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

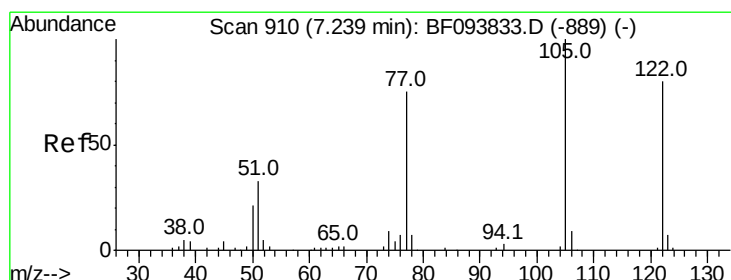
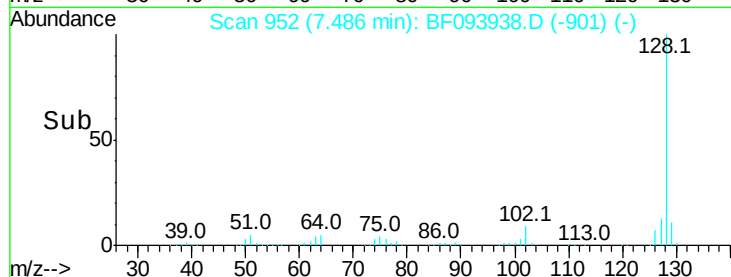
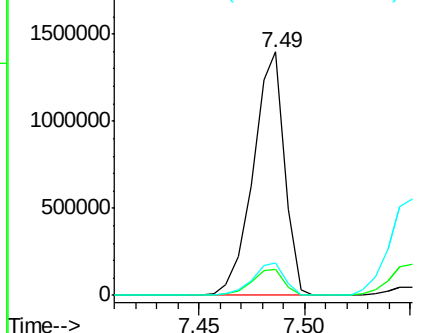
Tot Ion:128 Resp: 1440248
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.5 10.8 16.2

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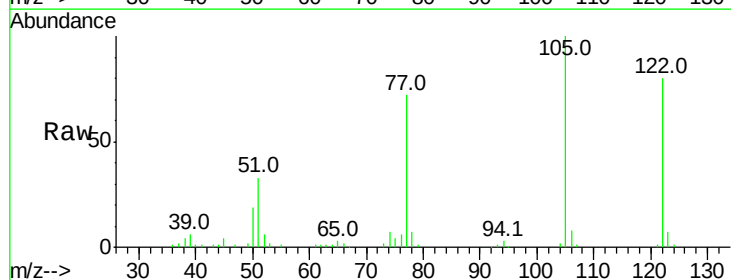


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

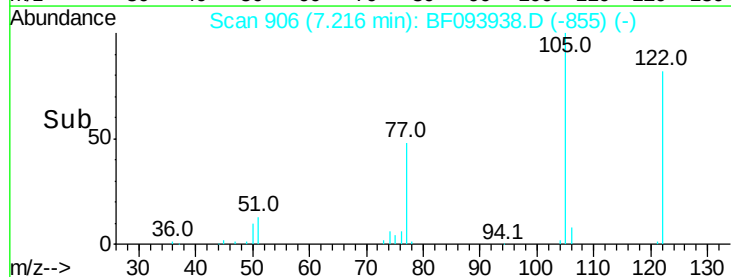
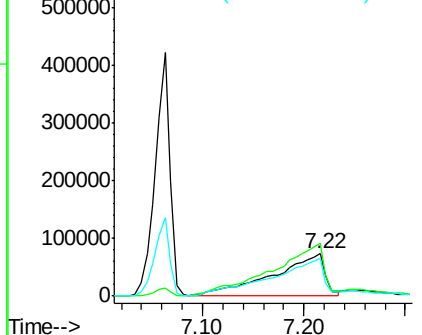


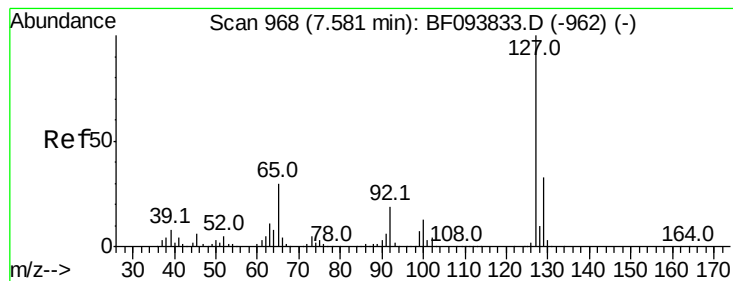
#32
Benzoic acid
Concen: 37.06 ng
RT: 7.22 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF093938.D
Acq: 27 Mar 2017 12:06

Tgt Ion:122 Resp: 263984
Ion Ratio Lower Upper
122 100
105 124.7 103.3 143.3
77 90.1 73.7 113.7



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





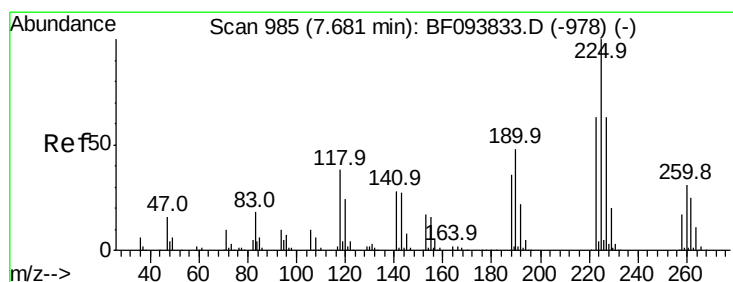
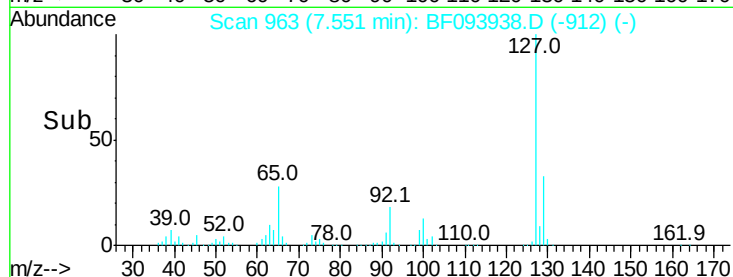
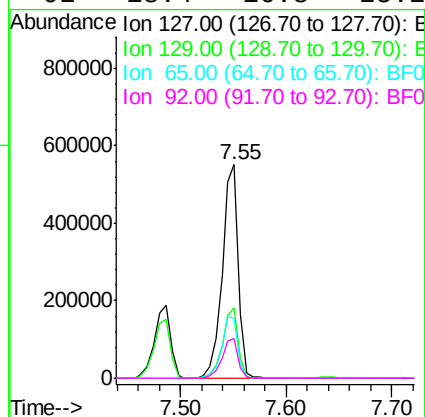
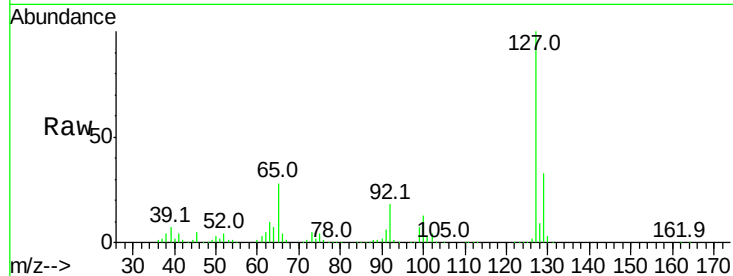
#33
4-Chloroaniline
Concen: 39.82 ng
RT: 7.55 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF093938.D
Acq: 27 Mar 2017 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	26.2	39.2		
65	28.1	27.8	41.8		
92	18.4	16.8	25.2		

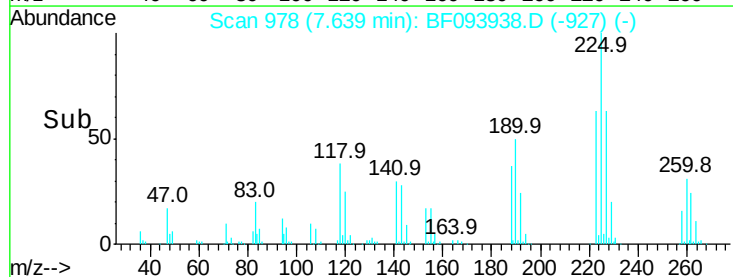
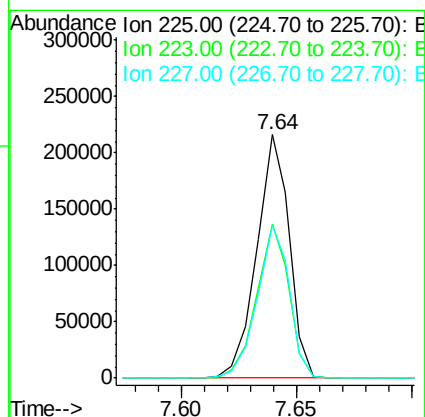
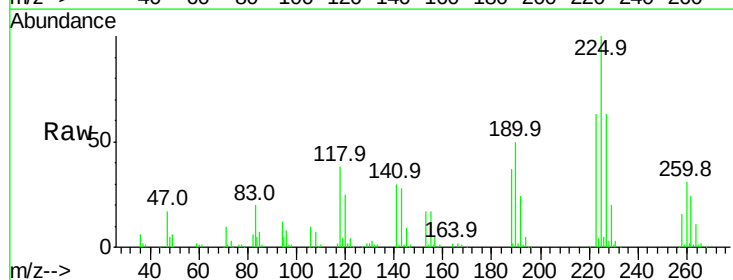
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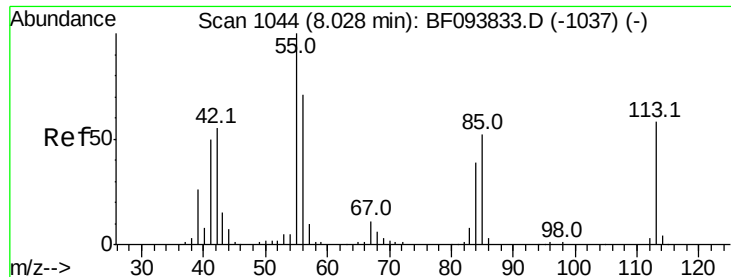
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#34
Hexachlorobutadiene
Concen: 40.10 ng
RT: 7.64 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF093938.D
Acq: 27 Mar 2017 12:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	48.8	73.2		
227	62.6	51.1	76.7		





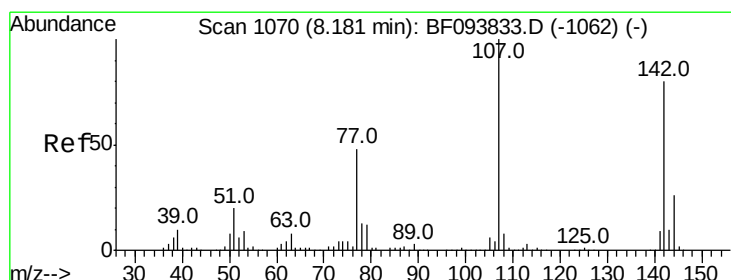
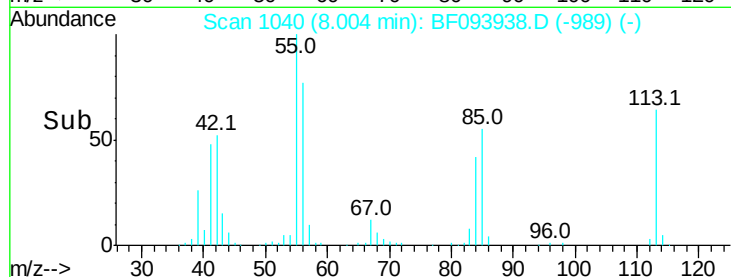
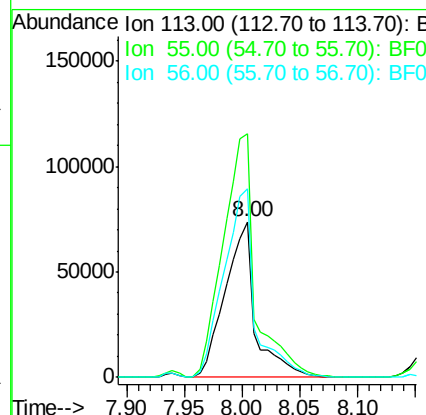
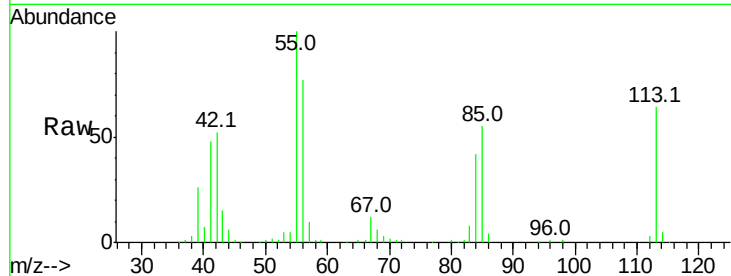
#35
 Caprolactam
 Concen: 42.28 ng
 RT: 8.00 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:113 Resp: 134872
 Ion Ratio Lower Upper
 113 100
 55 156.5 150.2 190.2
 56 120.9 107.8 147.8

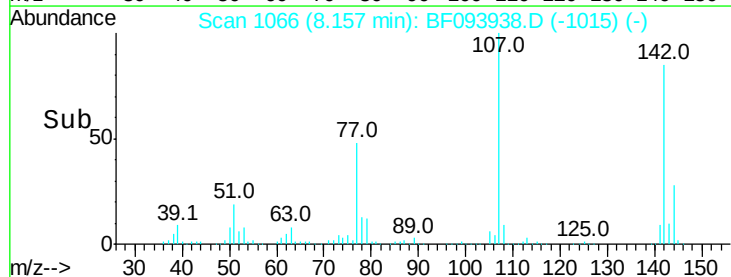
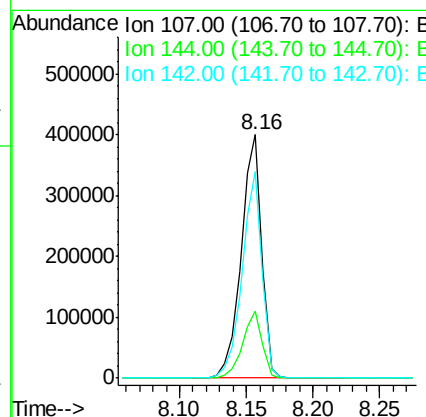
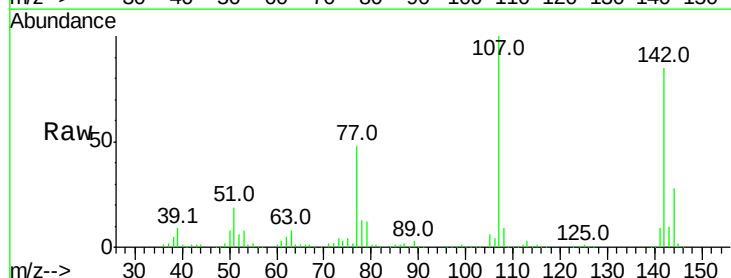
Manual Integrations
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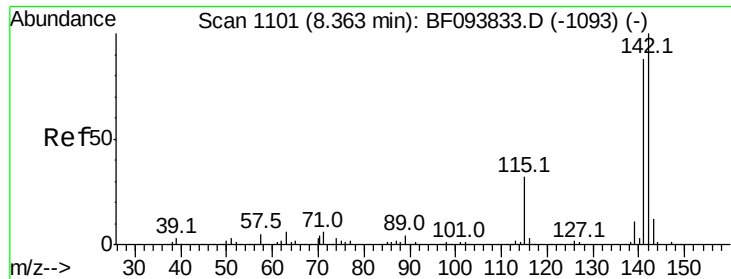
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#36
 4-Chloro-3-methylphenol
 Concen: 40.80 ng
 RT: 8.16 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Tgt Ion:107 Resp: 426487
 Ion Ratio Lower Upper
 107 100
 144 27.7 24.2 36.4
 142 84.9 73.4 110.0





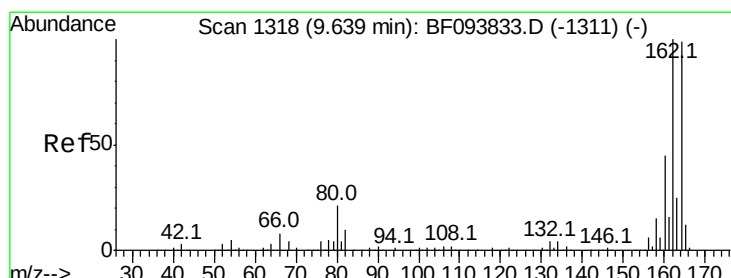
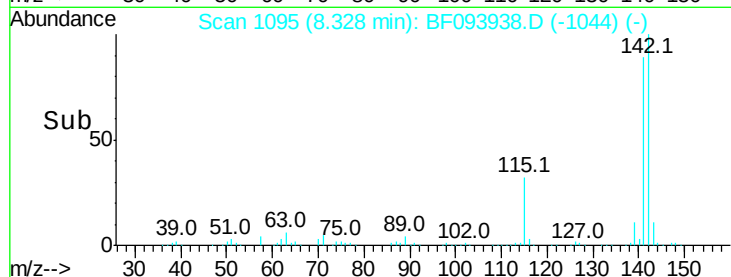
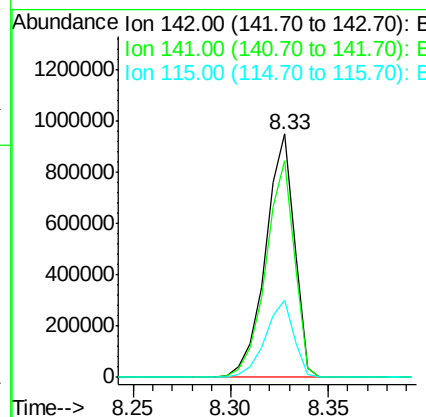
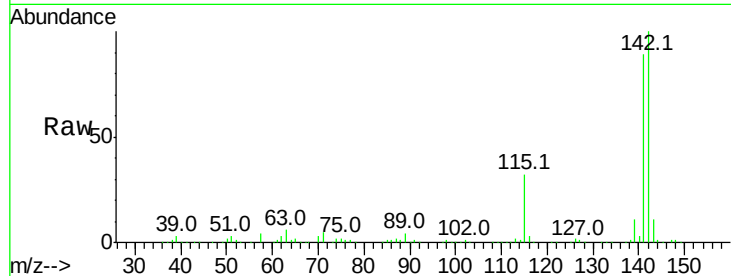
#37
2-Methylnaphthalene
Concen: 40.24 ng
RT: 8.33 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BF093938.D
Acq: 27 Mar 2017 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.3	106.9
115	31.9	27.1	40.7

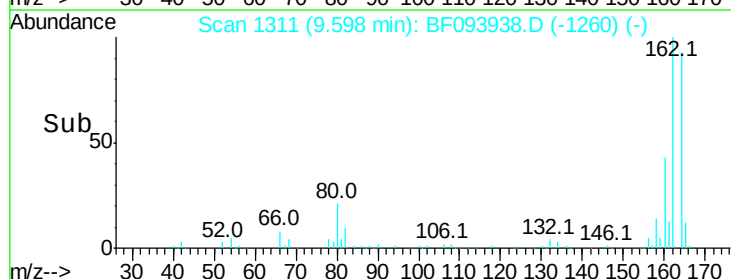
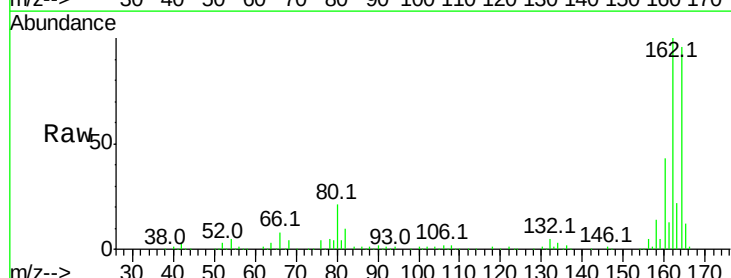
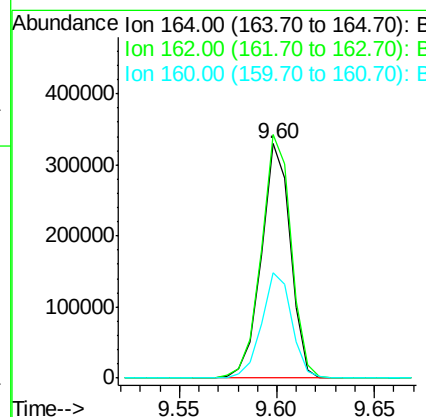
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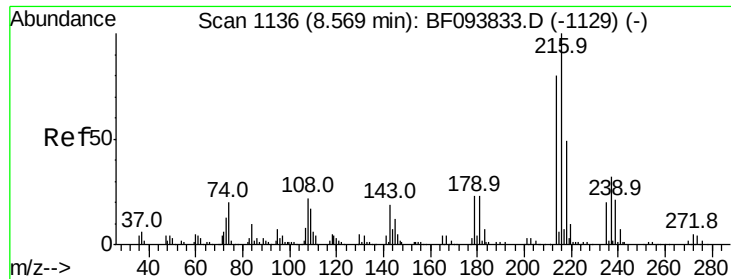
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF093938.D
Acq: 27 Mar 2017 12:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.6	123.8
160	45.0	36.2	54.2





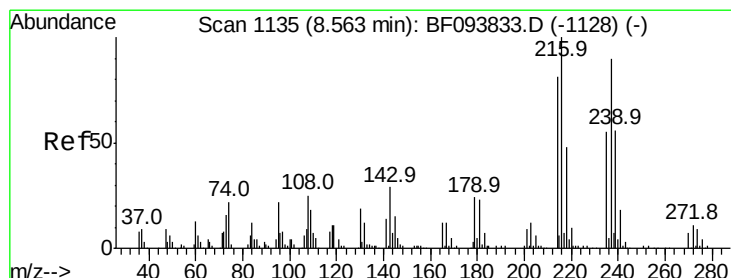
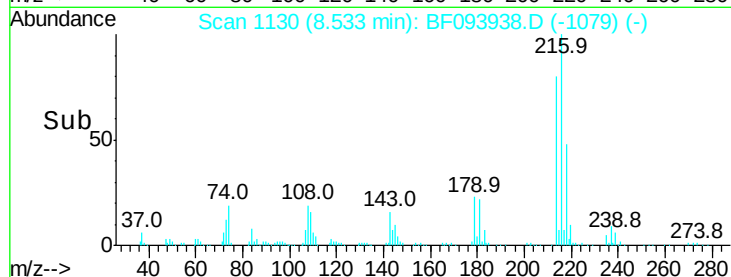
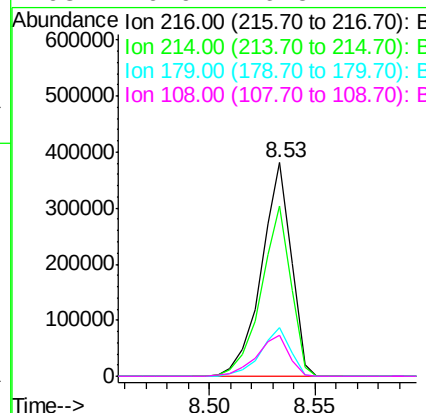
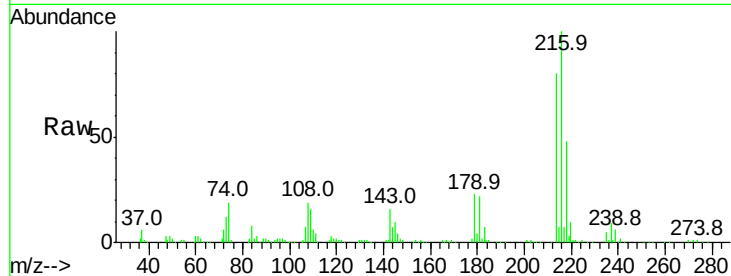
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.10 ng
 RT: 8.53 min Scan# 1130
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	373889		
214	79.3	63.4	95.2	
179	22.6	17.9	26.9	
108	20.9	16.5	24.7	

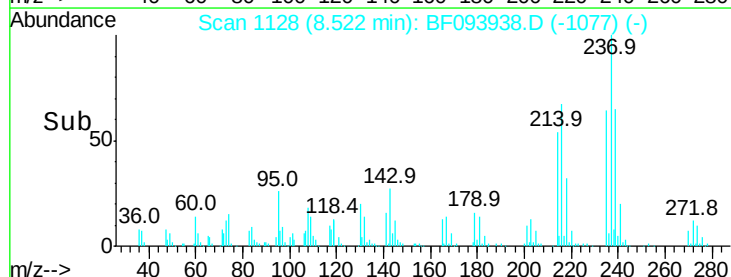
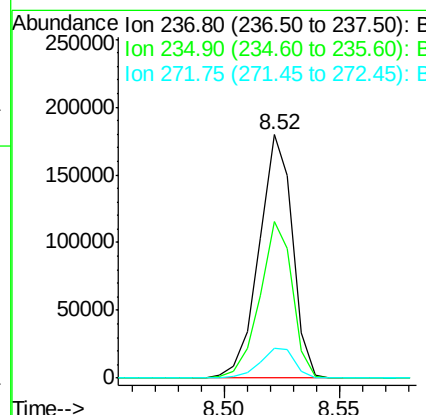
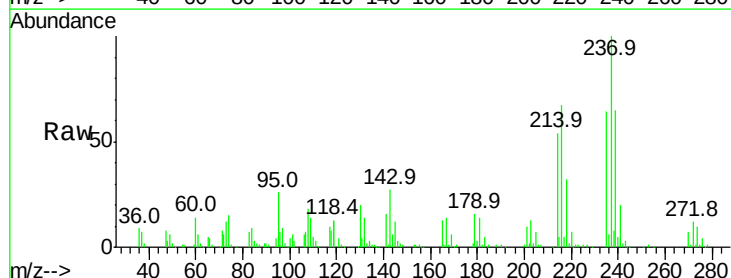
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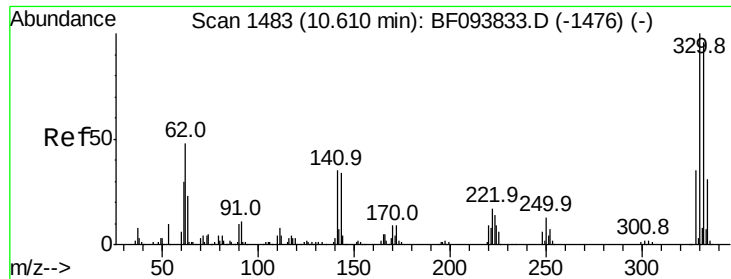
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#40
 Hexachlorocyclopentadiene
 Concen: 41.47 ng
 RT: 8.52 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	180925		
235	64.4	42.6	82.6	
272	12.5	0.0	31.9	





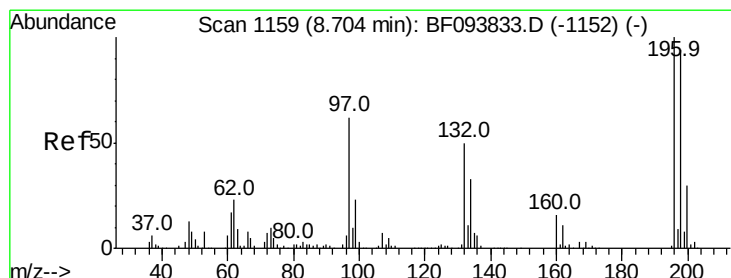
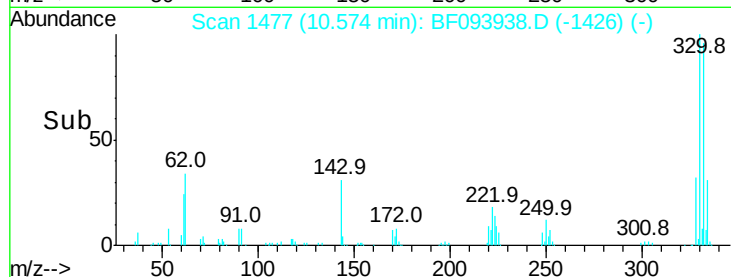
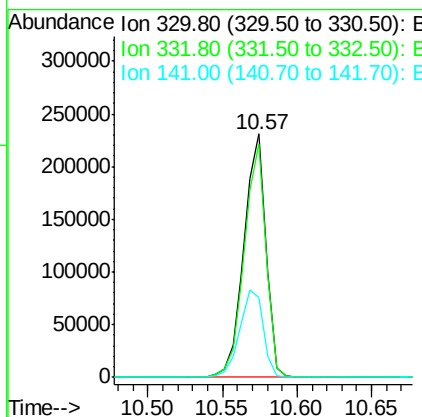
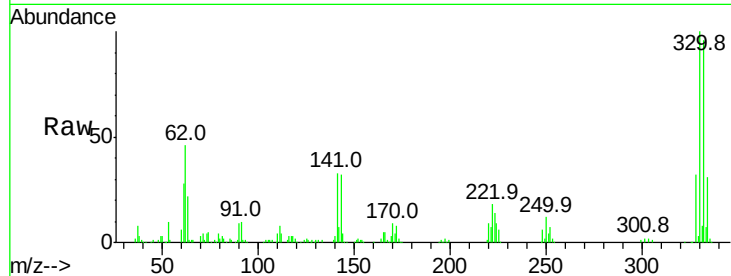
#41
 2,4,6-Tribromophenol
 Concen: 87.61 ng
 RT: 10.57 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	235967		
332	95.0	76.6	115.0	
141	38.8	31.4	47.2	

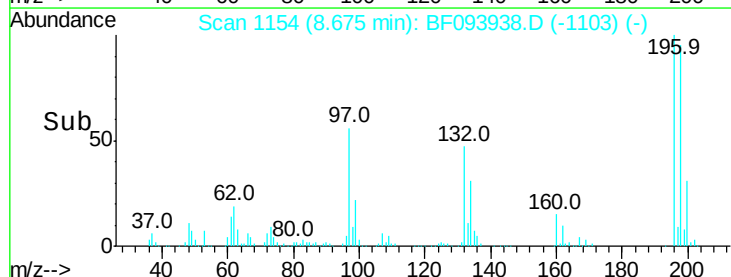
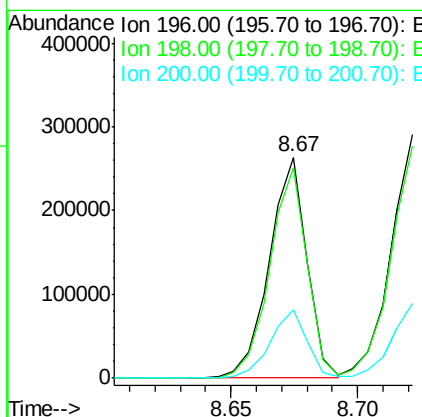
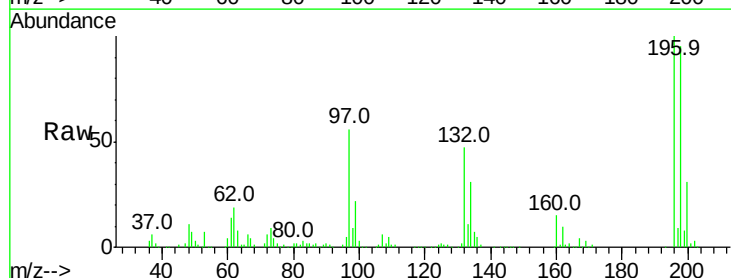
Manual Integrations
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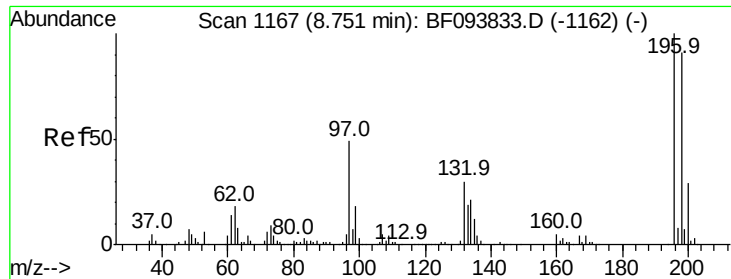
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#42
 2,4,6-Trichlorophenol
 Concen: 41.42 ng
 RT: 8.67 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	273249		
198	94.9	74.2	111.4	
200	31.2	24.0	36.0	





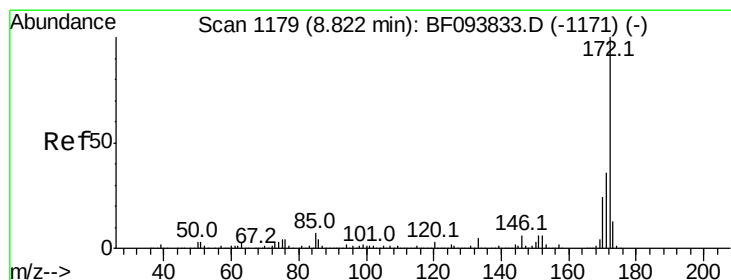
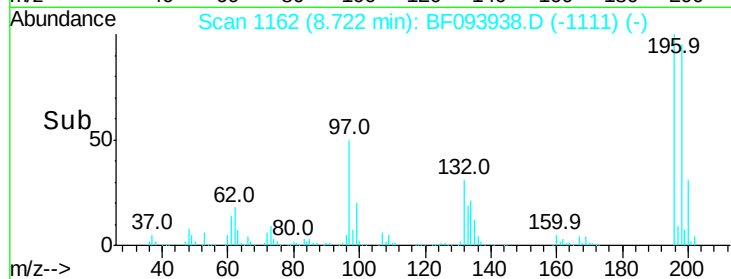
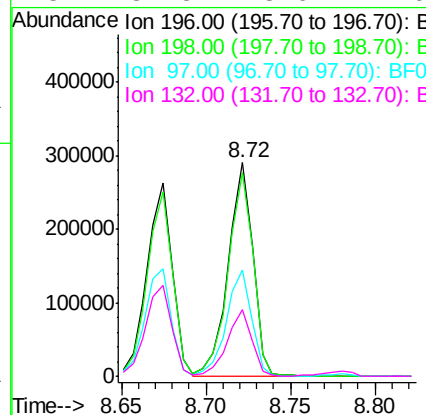
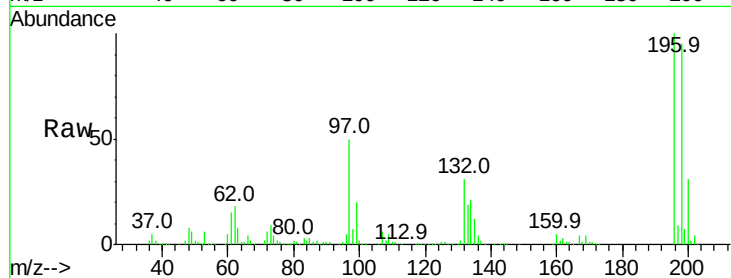
#43
 2,4,5-Trichlorophenol
 Concen: 41.36 ng
 RT: 8.72 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	196	Resp	295218
Ion Ratio	Lower	Upper	
196	100		
198	95.4	75.7	113.5
97	50.0	47.7	71.5
132	31.3	28.0	42.0

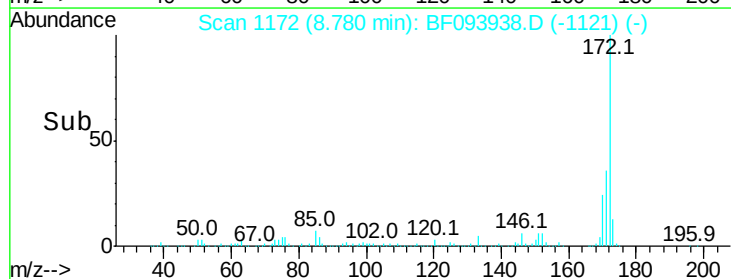
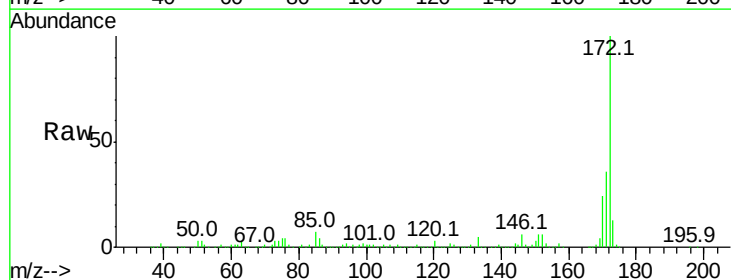
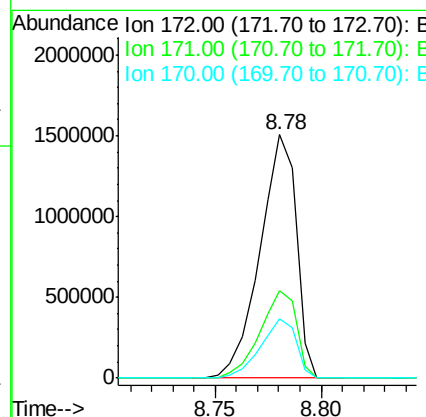
Manual Integrations
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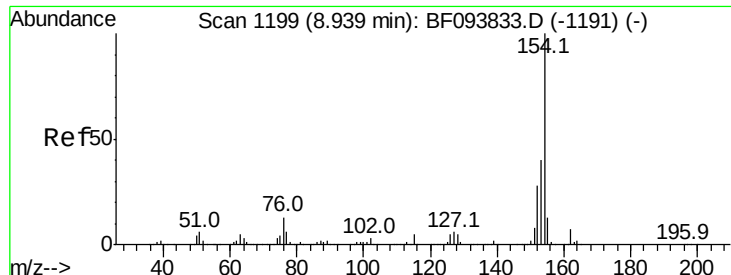
mohammad
 3/28/2017 3:42:52 PM



#44
 2-Fluorobiphenyl
 Concen: 80.75 ng
 RT: 8.78 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Tgt Ion	172	Resp	1804446
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.6	44.4
170	24.2	19.8	29.8





#45

1,1'-Biphenyl

Concen: 39.48 ng

RT: 8.90 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:154 Resp: 1085403

Ion Ratio Lower Upper

154 100

153 41.9 21.2 61.2

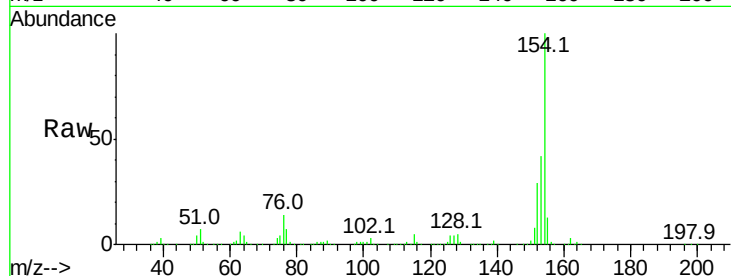
76 14.1 0.0 29.9

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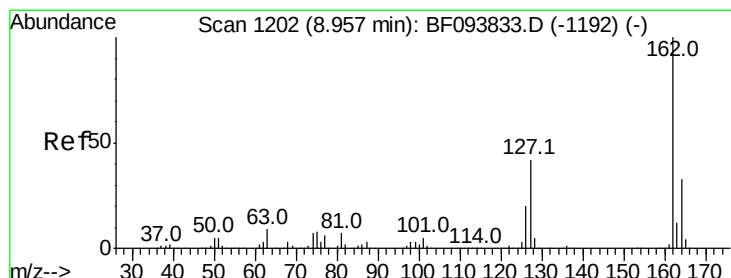
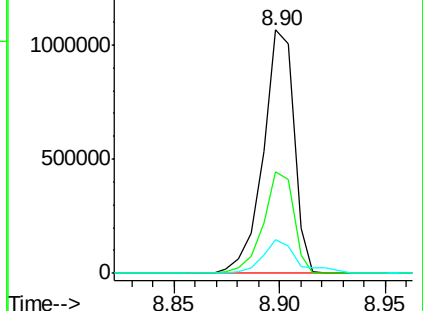
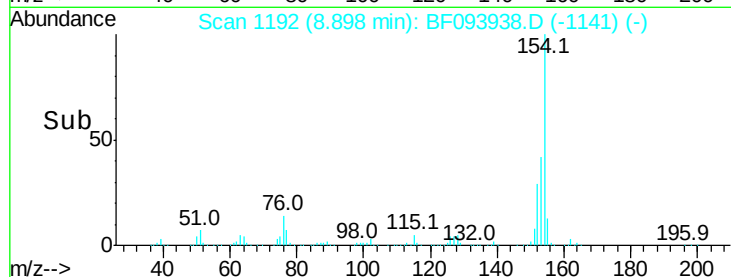
3/28/2017 3:42:52 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.82 ng

RT: 8.92 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

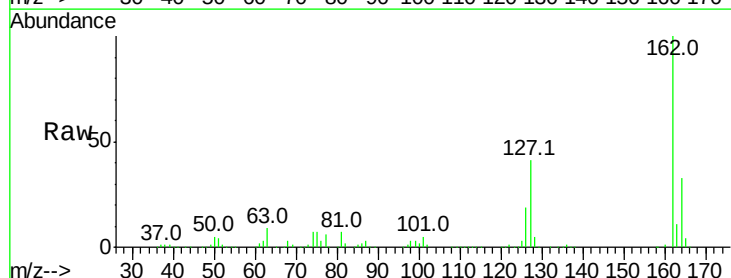
Tgt Ion:162 Resp: 856929

Ion Ratio Lower Upper

162 100

127 41.5 28.3 42.5

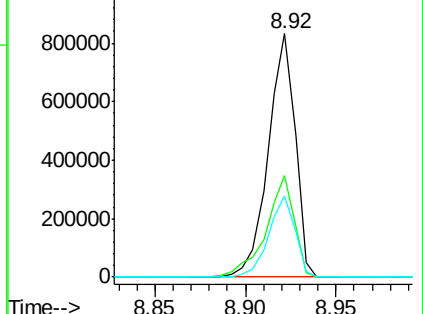
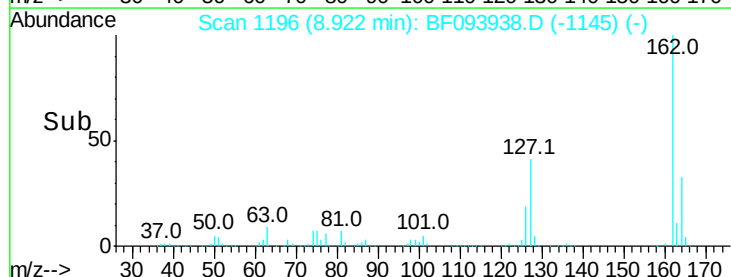
164 33.4 27.0 40.4

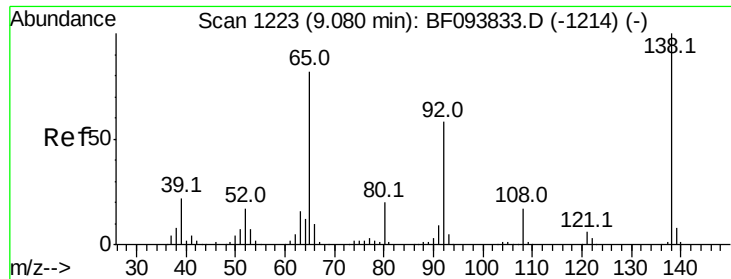


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





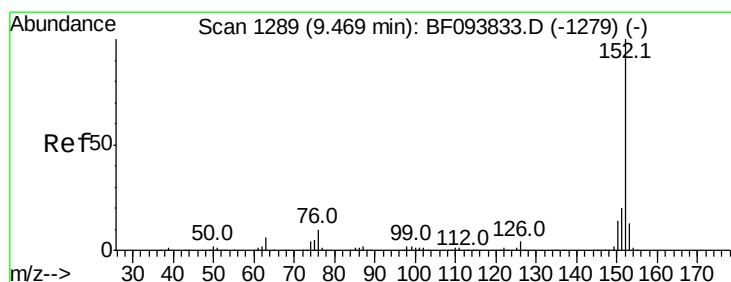
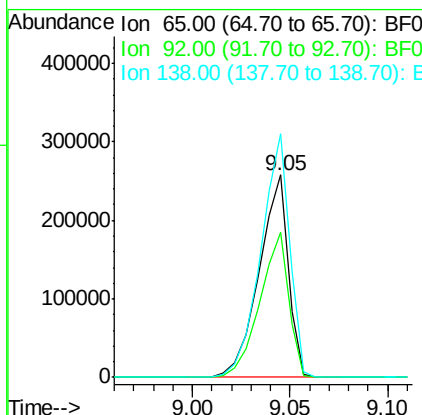
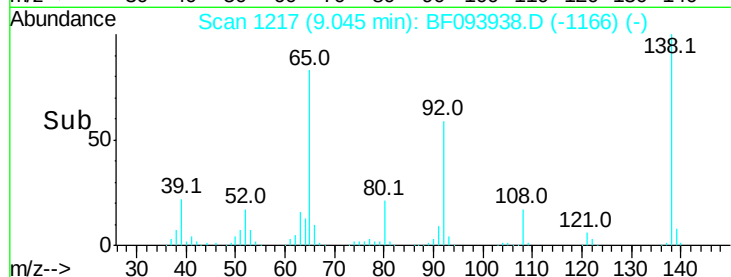
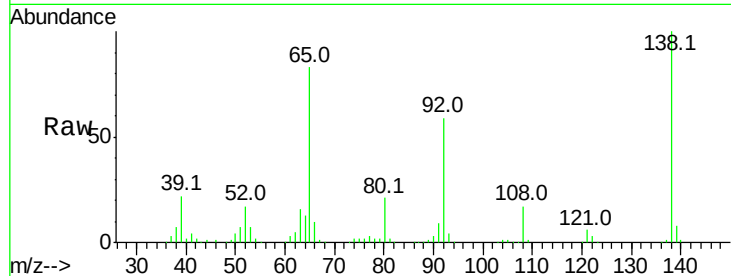
#47
2-Nitroaniline
Concen: 41.82 ng
RT: 9.05 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF093938.D
Acq: 27 Mar 2017 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.5	53.9	80.9
138	120.2	78.8	118.2

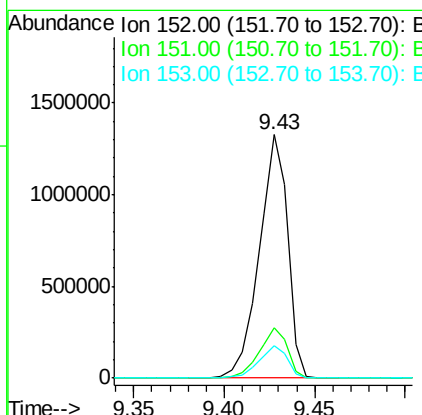
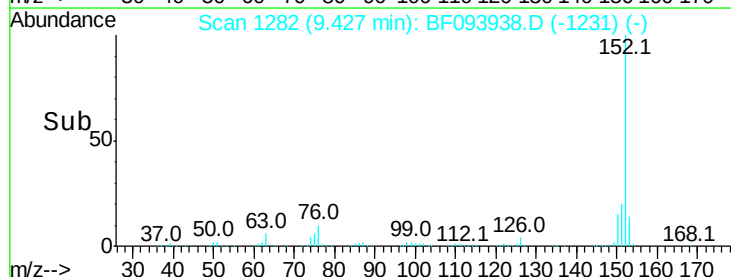
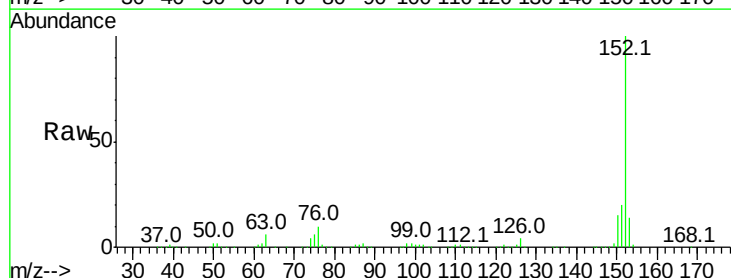
Manual Integrations
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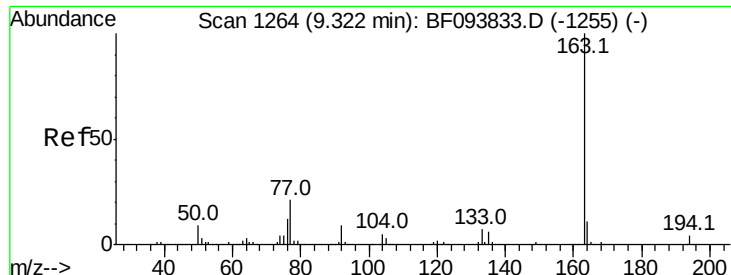
mohammad
3/28/2017 3:42:52 PM



#48
Acenaphthylene
Concen: 40.21 ng
RT: 9.43 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF093938.D
Acq: 27 Mar 2017 12:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.5	10.8	16.2





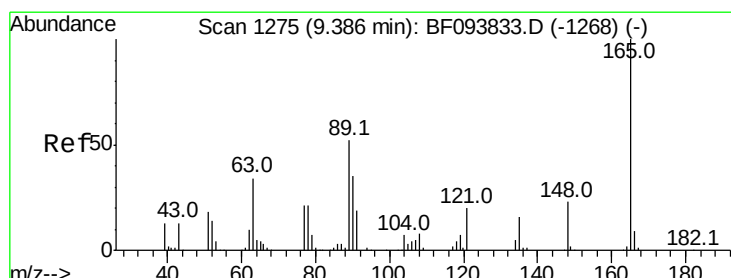
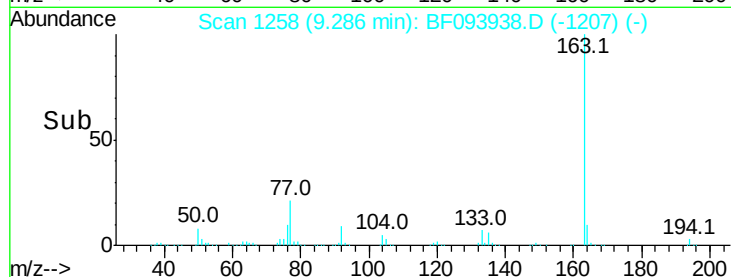
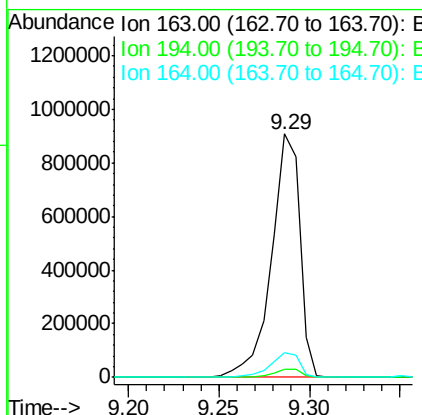
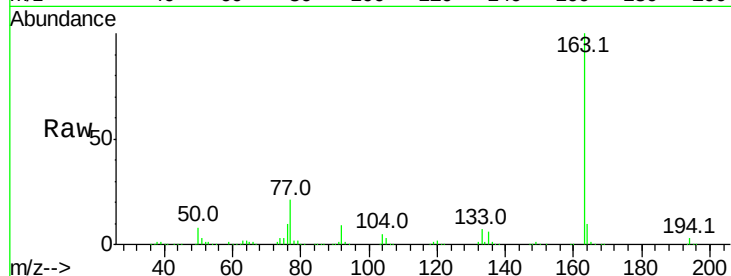
#49
 Dimethylphthalate
 Concen: 40.65 ng
 RT: 9.29 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.6	4.0	
164	10.4	8.4	12.6	

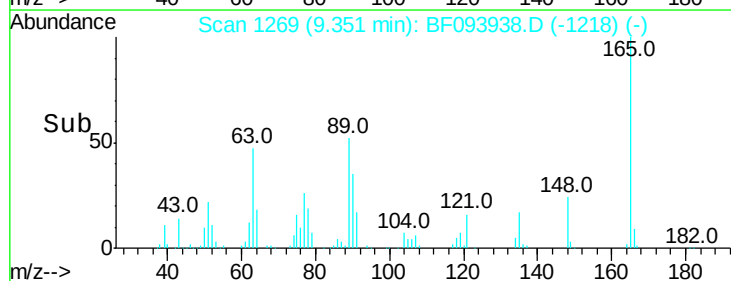
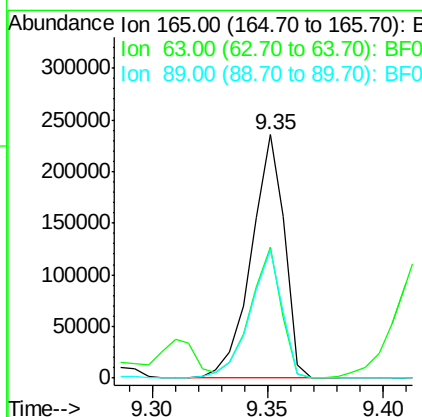
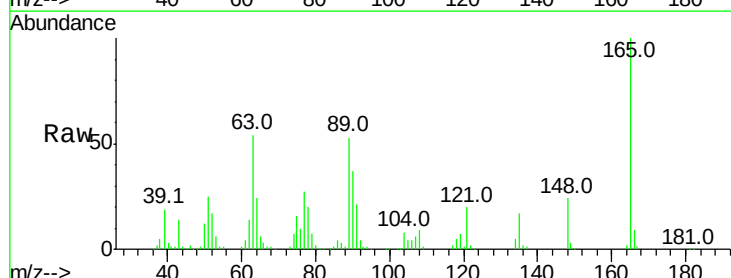
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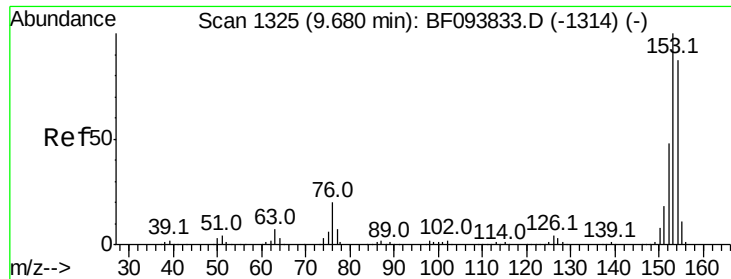
mohammad
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#50
 2,6-Dinitrotoluene
 Concen: 42.31 ng
 RT: 9.35 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	53.6	34.3	51.5#	
89	52.7	37.1	55.7	





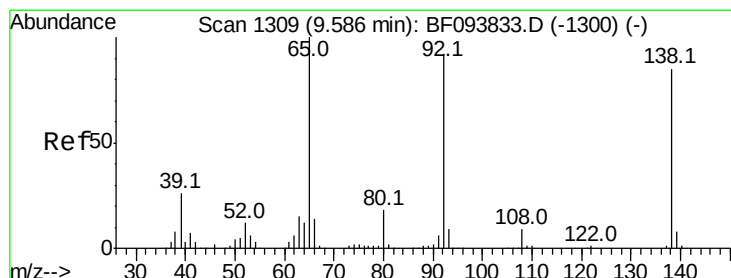
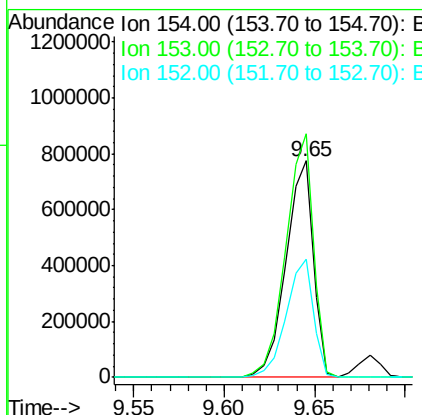
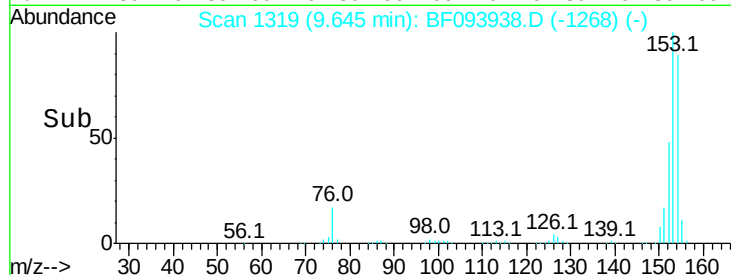
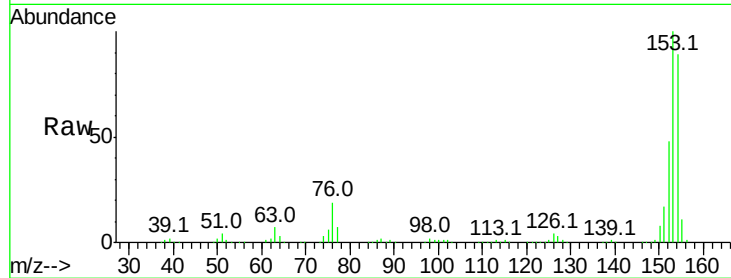
#51
Acenaphthene
Concen: 39.42 ng
RT: 9.65 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF093938.D
Acq: 27 Mar 2017 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.5	135.7
152	54.5	43.6	65.4

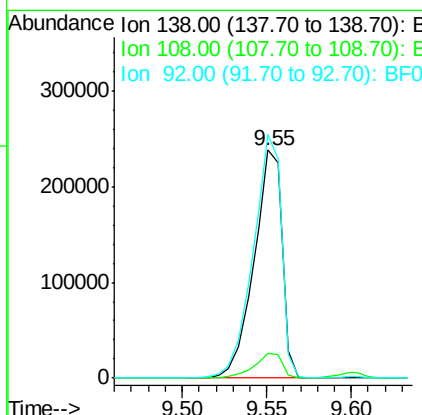
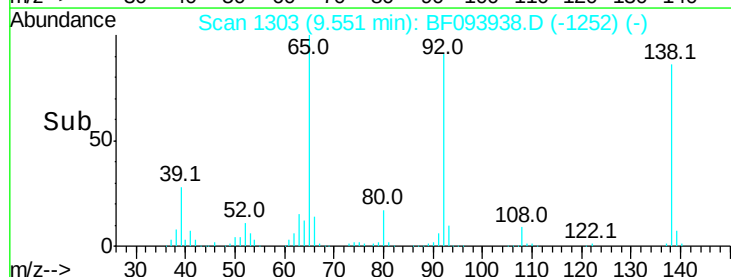
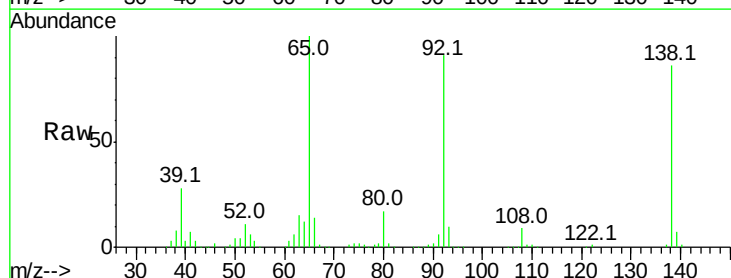
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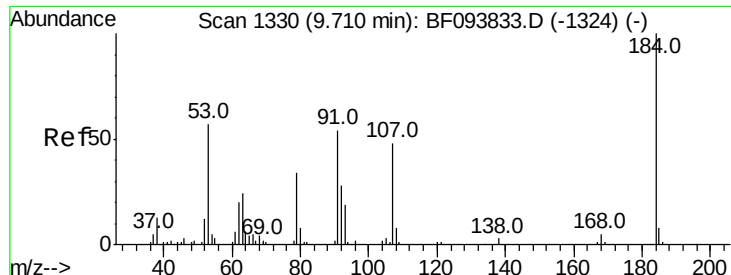
mohammad
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#52
3-Nitroaniline
Concen: 42.38 ng
RT: 9.55 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF093938.D
Acq: 27 Mar 2017 12:06

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.1	13.7
92	106.9	93.8	140.6





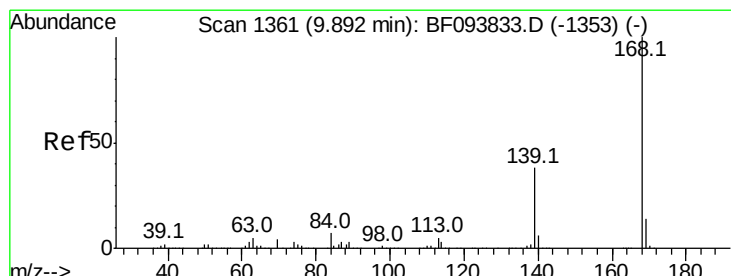
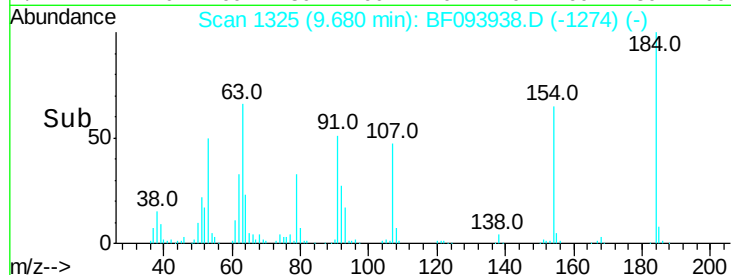
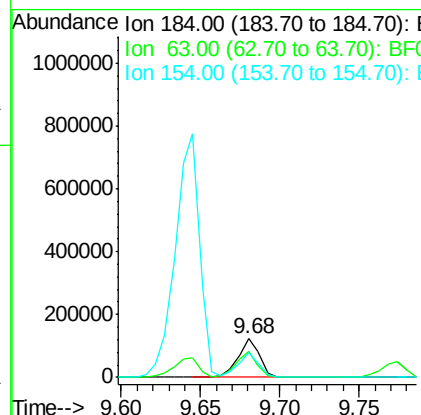
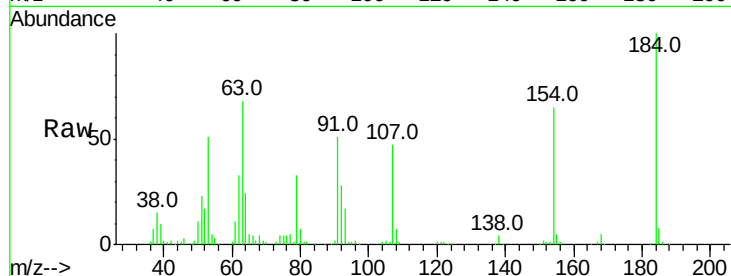
#53
 2,4-Dinitrophenol
 Concen: 41.50 ng
 RT: 9.68 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	184	Resp:	116251
Ion Ratio	Lower	Upper	
184	100		
63	67.6	62.7	94.1
154	64.6	81.1	121.7#

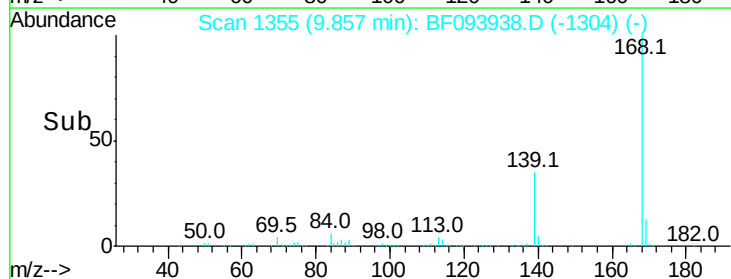
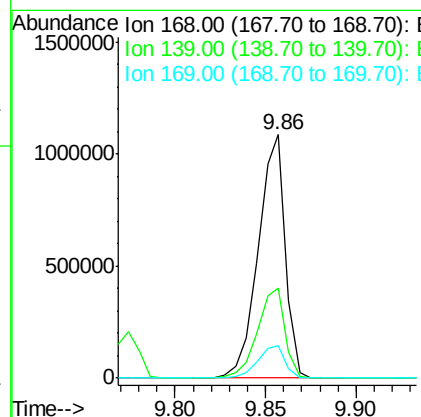
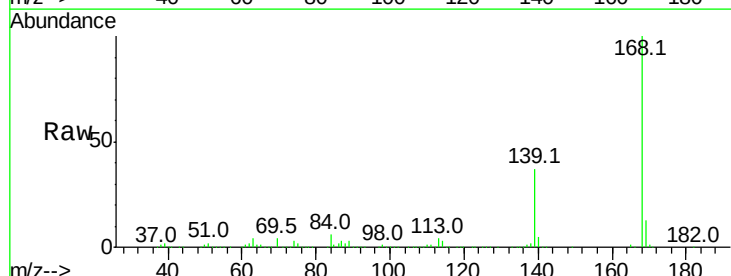
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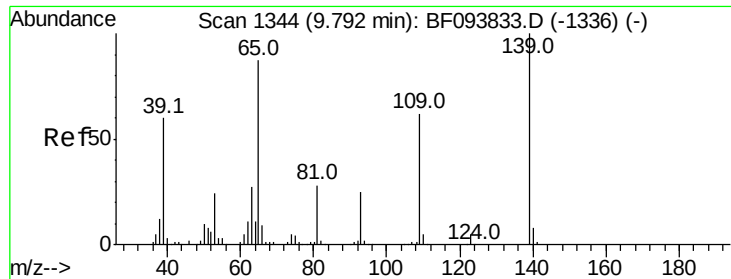
mohammad
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#54
 Dibenzofuran
 Concen: 39.45 ng
 RT: 9.86 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Tgt Ion:	168	Resp:	1120704
Ion Ratio	Lower	Upper	
168	100		
139	36.9	30.6	45.8
169	13.4	10.8	16.2





#55

4-Nitrophenol

Concen: 41.96 ng

RT: 9.77 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

Instrument :

BNA_F

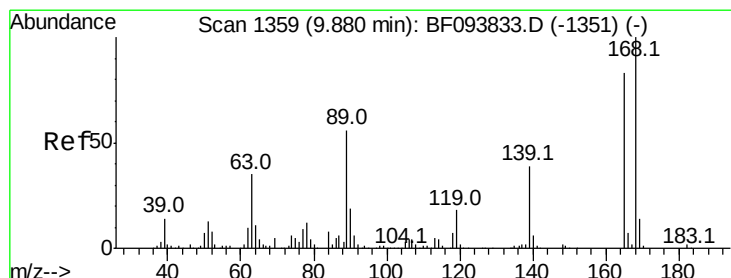
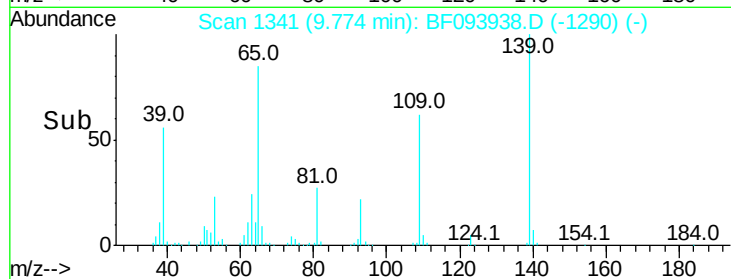
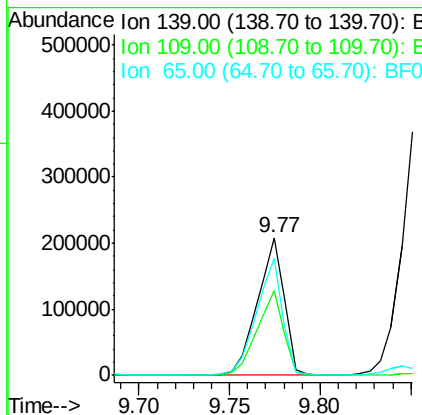
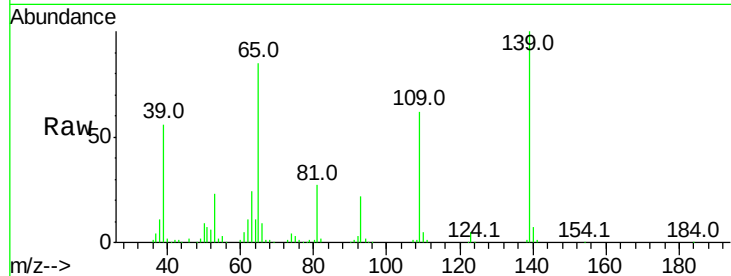
ClientSampleId :

SSTDCCC040

Tot Ion:	139	Resp:	214294
Ion Ratio	Lower	Upper	
139	100		
109	61.7	34.1	74.1
65	84.9	31.4	71.4#

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#56

2,4-Dinitrotoluene

Concen: 42.02 ng

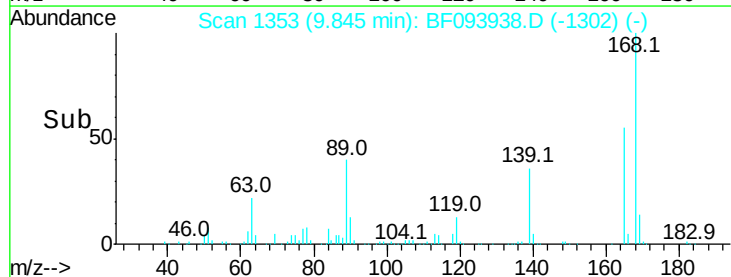
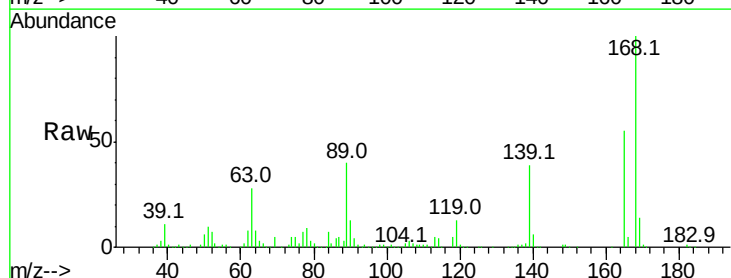
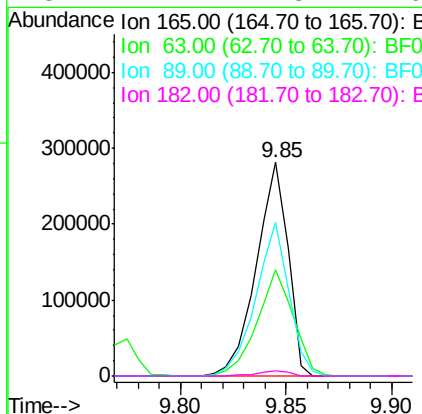
RT: 9.85 min Scan# 1353

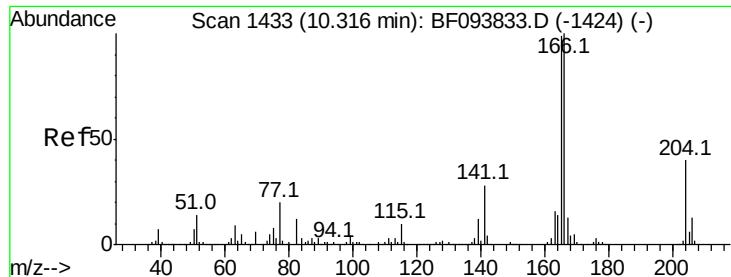
Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

Tgt Ion:	165	Resp:	293152
Ion Ratio	Lower	Upper	
165	100		
63	49.9	25.4	38.0#
89	72.1	46.4	69.6#
182	2.4	1.8	2.6





#57

Fluorene

Concen: 38.71 ng

RT: 10.27 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:166 Resp: 911896

Ion Ratio Lower Upper

166 100

165 97.2 78.8 118.2

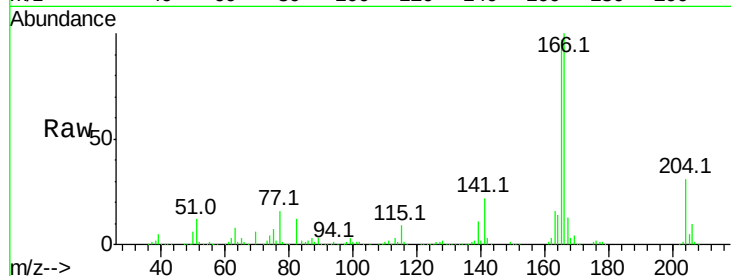
167 13.3 10.6 16.0

Manual Integrations

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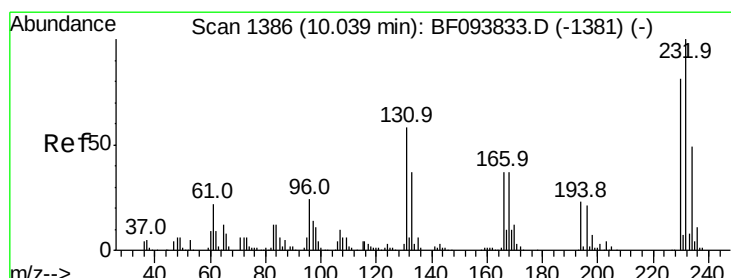
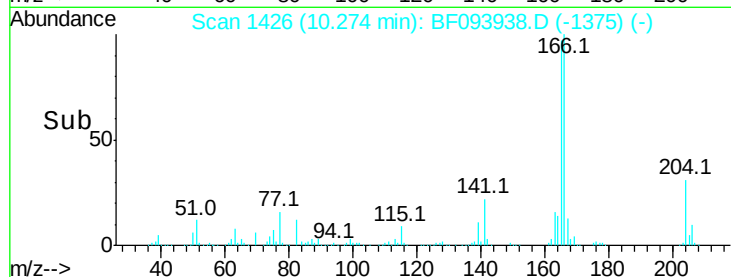
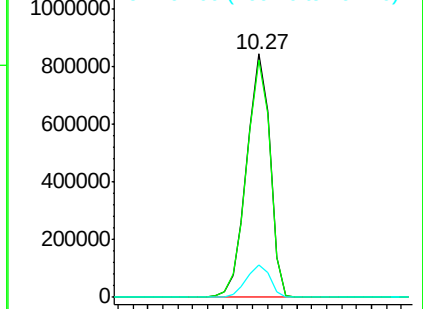
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.10 ng

RT: 10.01 min Scan# 1381

Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

Tgt Ion:232 Resp: 201281

Ion Ratio Lower Upper

232 100

131 53.7 44.8 67.2

130 2.5 2.3 3.5

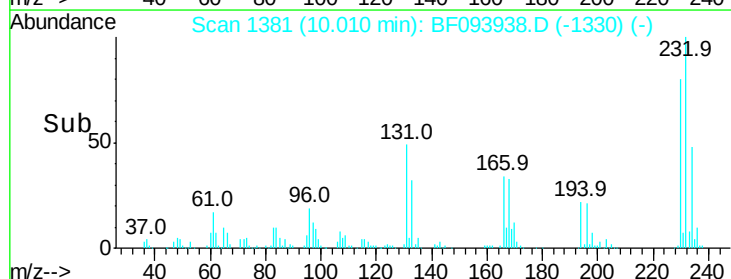
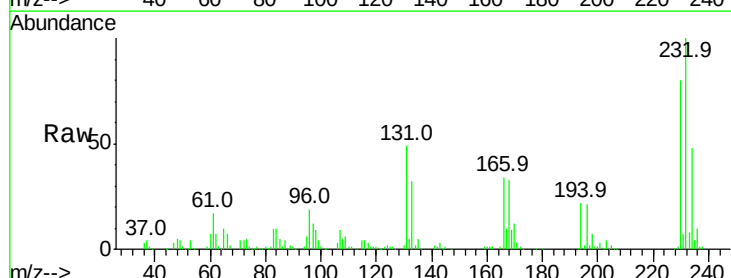
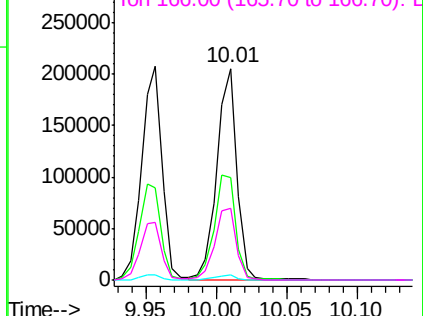
166 36.6 29.0 43.4

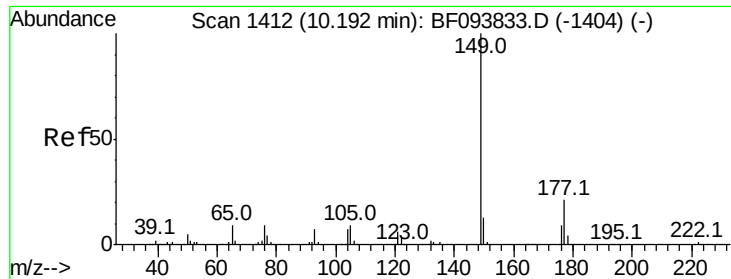
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





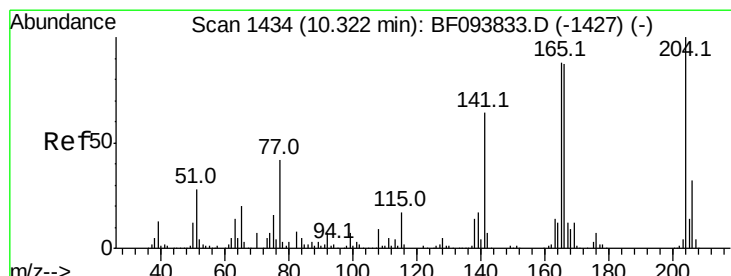
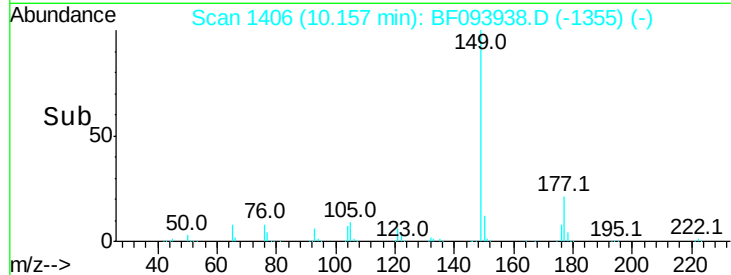
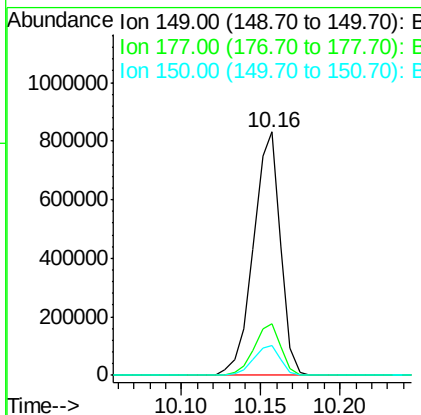
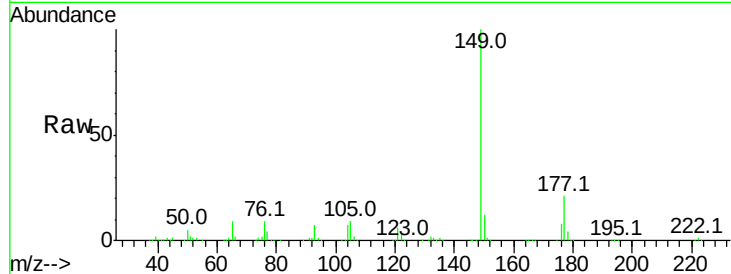
#59
Diethylphthalate
Concen: 41.15 ng
RT: 10.16 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF093938.D
Acq: 27 Mar 2017 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.7	25.1
150	12.5	10.2	15.2

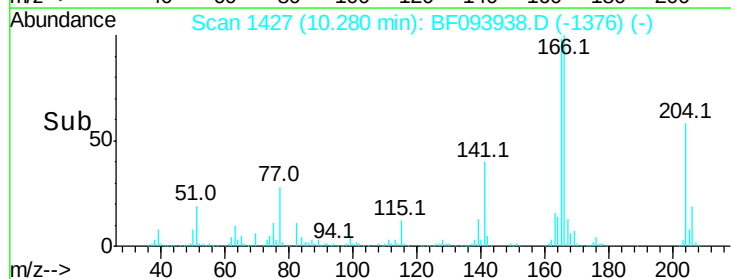
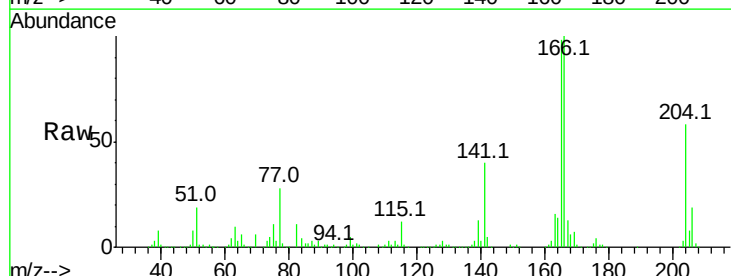
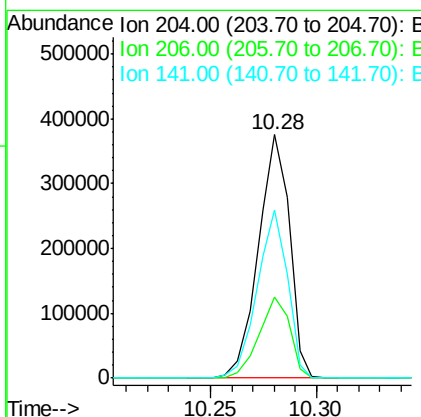
Manual Integrations
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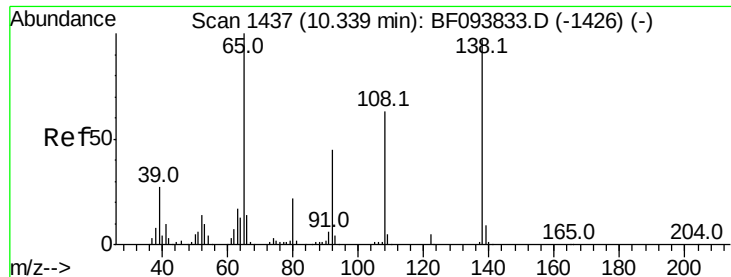
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 38.39 ng
RT: 10.28 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF093938.D
Acq: 27 Mar 2017 12:06

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.2	39.2
141	68.9	60.8	91.2





#61

4-Nitroaniline

Concen: 44.33 ng

RT: 10.31 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

Instrument :

BNA_F

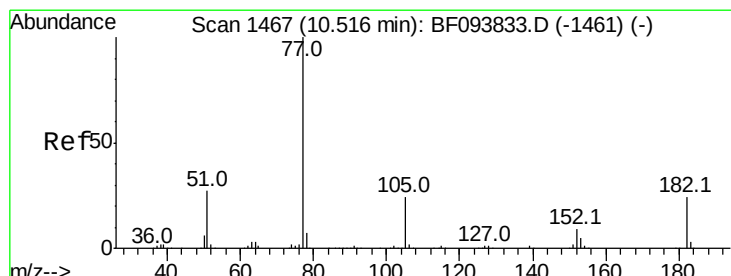
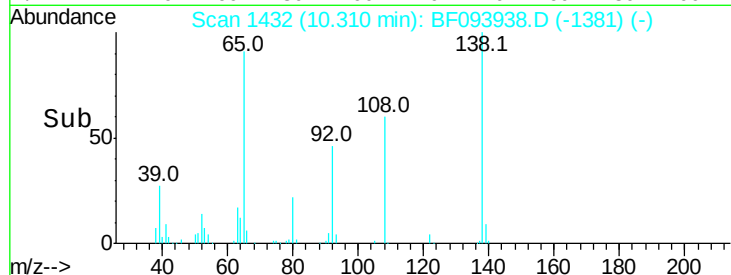
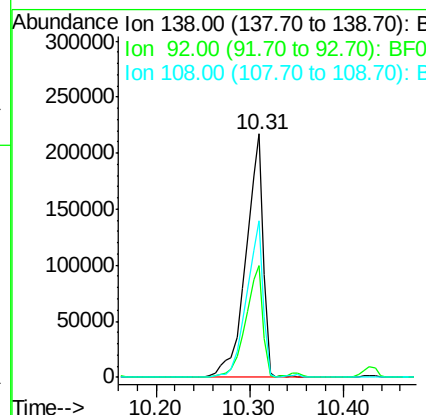
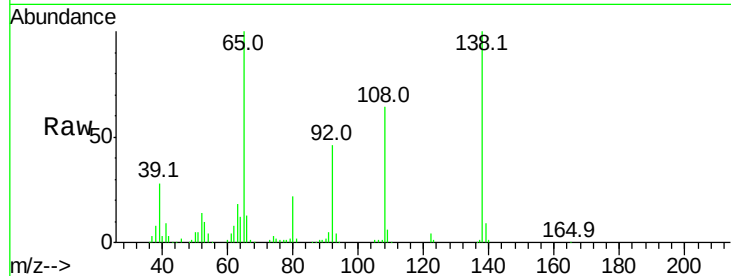
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	277466
Ion Ratio	Lower	Upper	
138	100		
92	45.9	21.8	61.8
108	64.3	42.3	82.3

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#62

Azobenzene

Concen: 39.96 ng

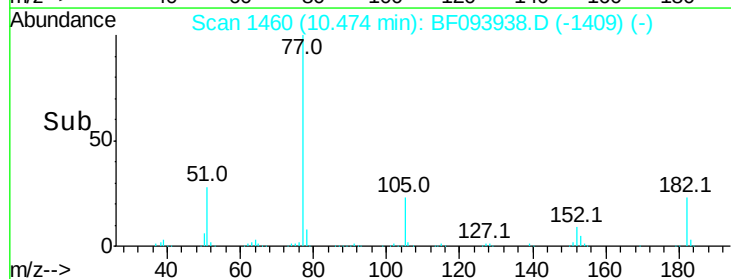
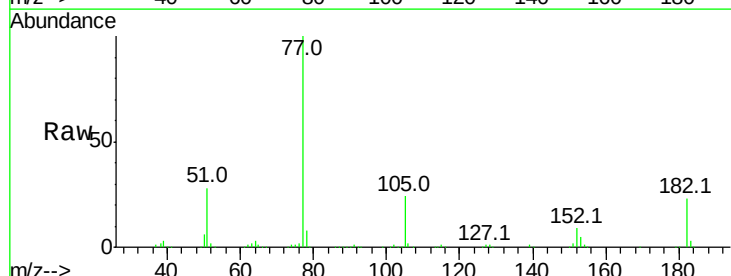
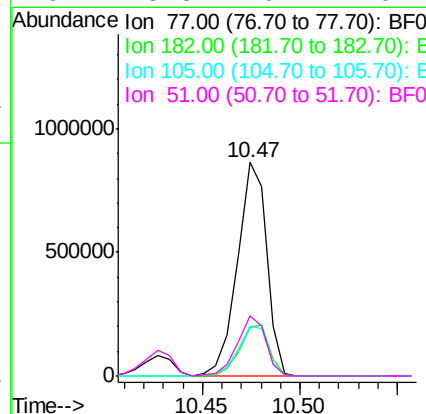
RT: 10.47 min Scan# 1460

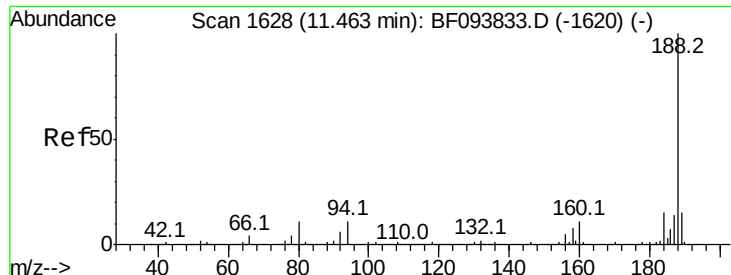
Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

Tgt Ion:	77	Resp:	905177
Ion Ratio	Lower	Upper	
77	100		
182	23.0	0.1	40.1
105	23.6	3.6	43.6
51	28.3	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

Instrument :

BNA_F

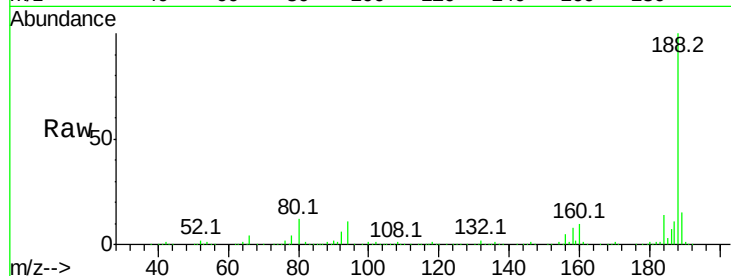
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	611576
Ion Ratio	Lower	Upper	
188	100		
94	11.5	9.4	14.2
80	12.2	10.2	15.2

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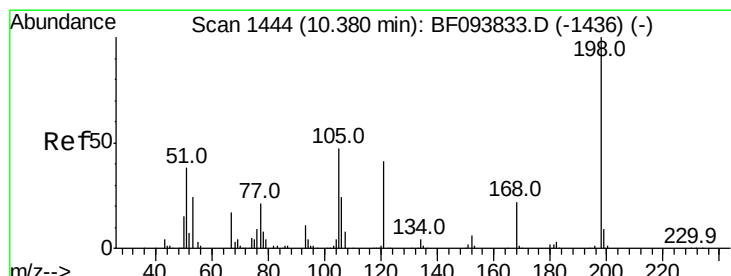
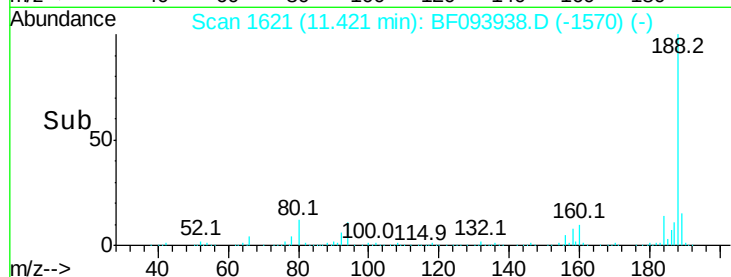
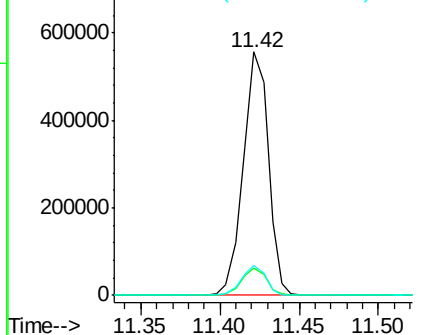
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 42.92 ng

RT: 10.35 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF093938.D

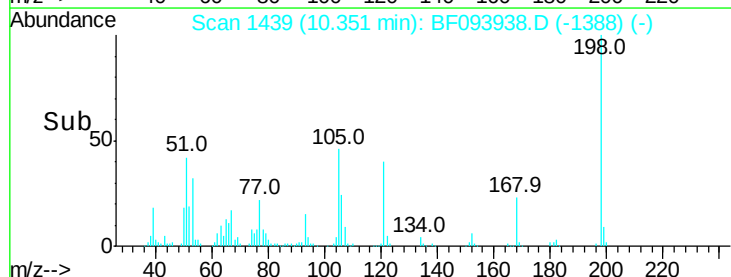
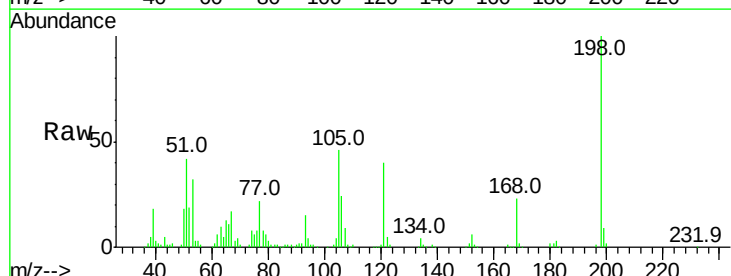
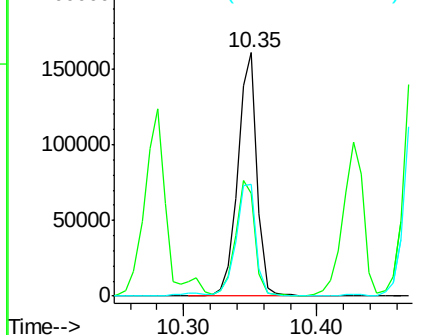
Acq: 27 Mar 2017 12:06

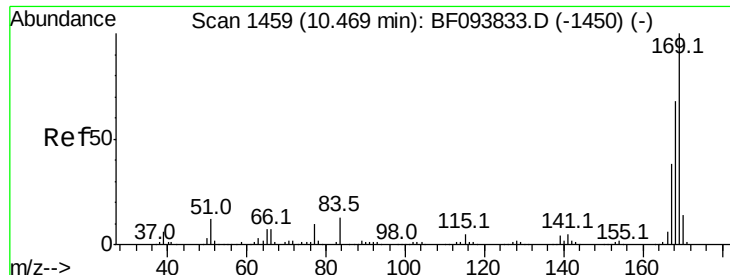
Tgt Ion:	198	Resp:	160752
Ion Ratio	Lower	Upper	
198	100		
51	42.1	53.2	93.2#
105	46.0	45.8	85.8

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





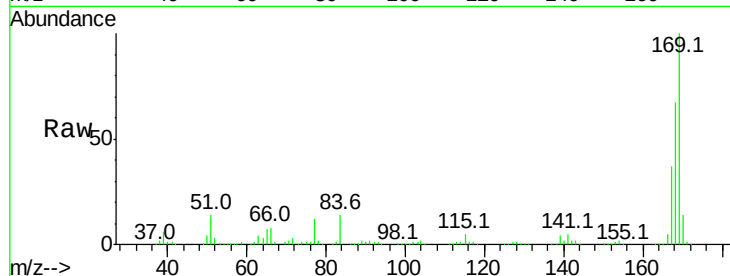
#65
 n-Nitrosodiphenylamine
 Concen: 39.60 ng
 RT: 10.43 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

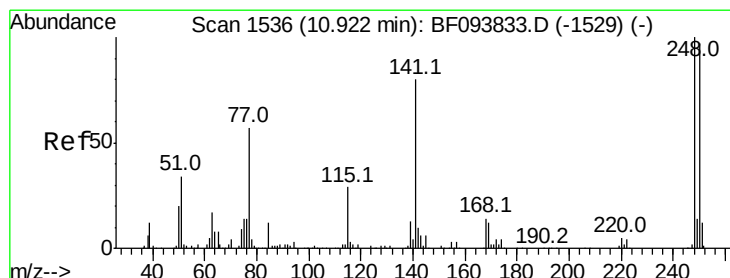
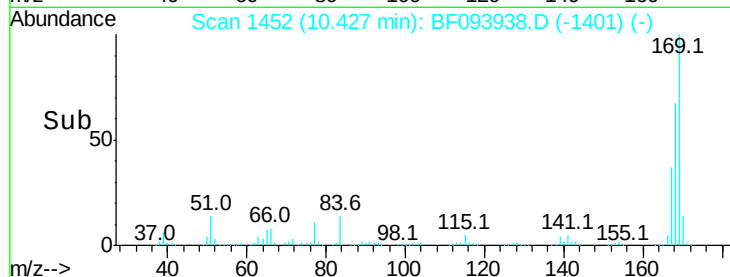
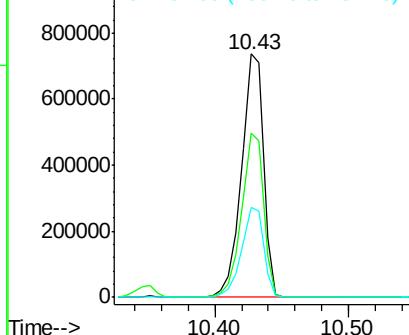
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.2	79.8
167	36.8	29.5	44.3

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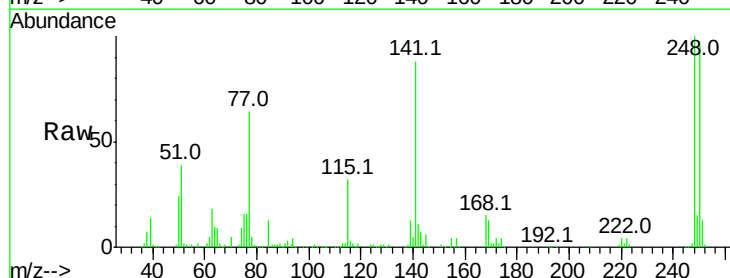


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

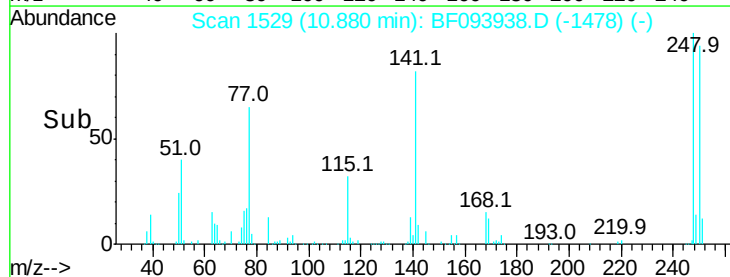
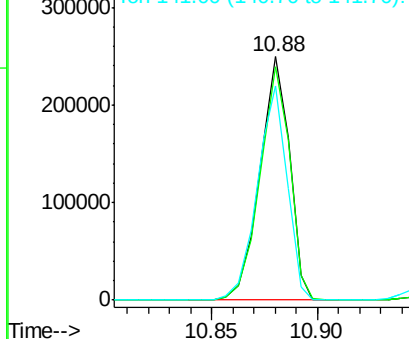


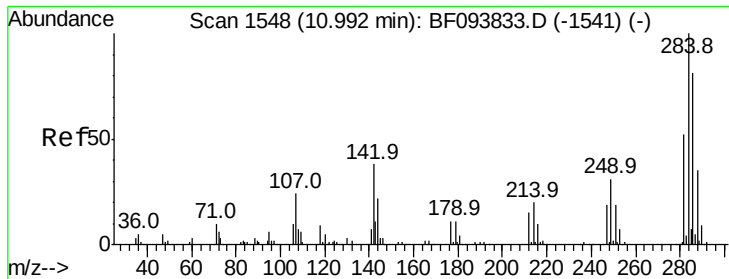
#66
 4-Bromophenyl-phenylether
 Concen: 40.67 ng
 RT: 10.88 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.8	76.8	115.2
141	87.9	68.6	103.0



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





#67

Hexachlorobenzene

Concen: 40.96 ng

RT: 10.95 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

Instrument :

BNA_F

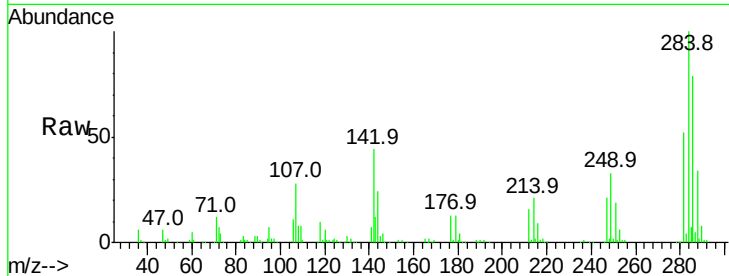
ClientSampleId :

SSTDCCC040

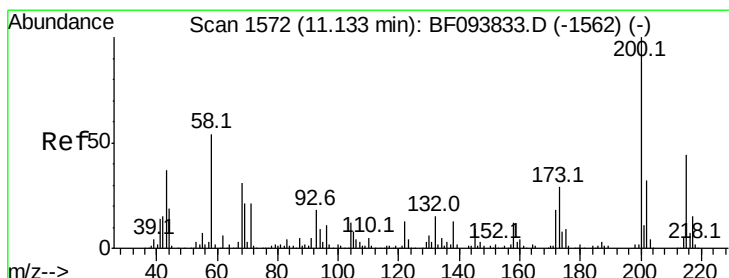
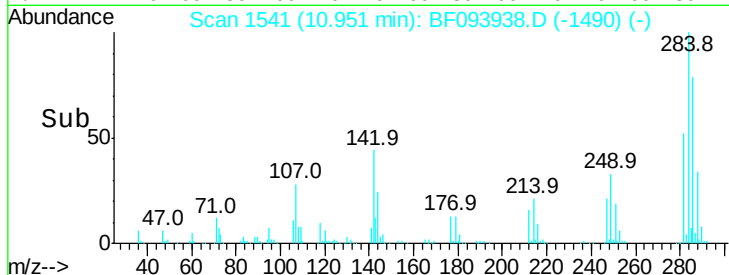
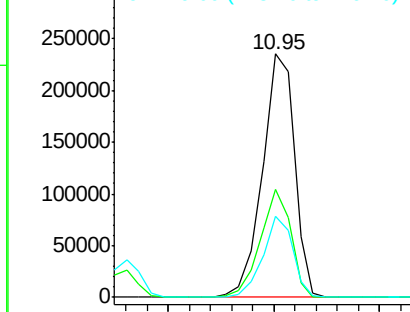
Tot Ion	Ratio	Resp	Lower	Upper
284	100	249387		
142	44.5	22.8	34.2#	
249	33.0	24.0	36.0	

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



#68

Atrazine

Concen: 41.41 ng

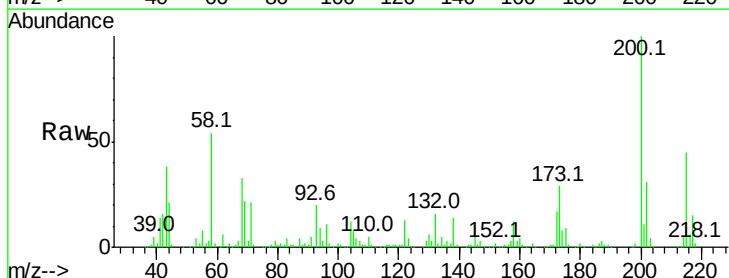
RT: 11.10 min Scan# 1566

Delta R.T. 0.00 min

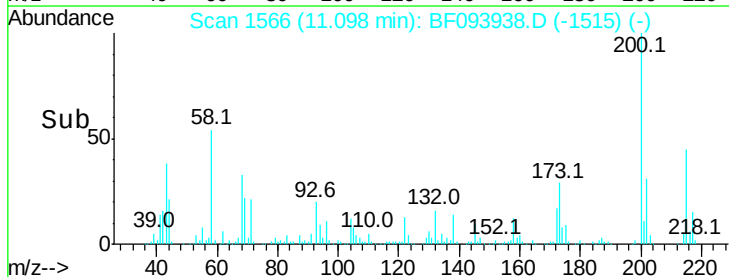
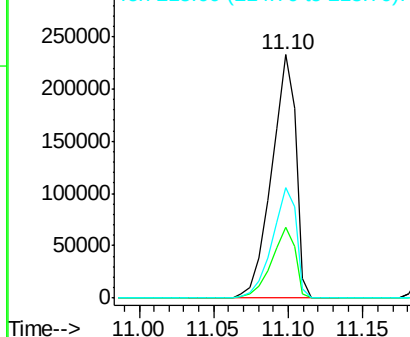
Lab File: BF093938.D

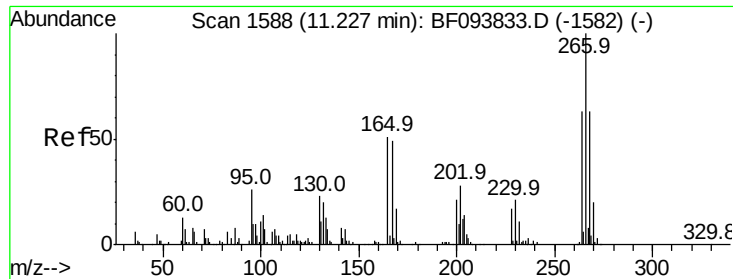
Acq: 27 Mar 2017 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	262300		
173	29.0	6.3	46.3	
215	45.2	27.2	67.2	



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





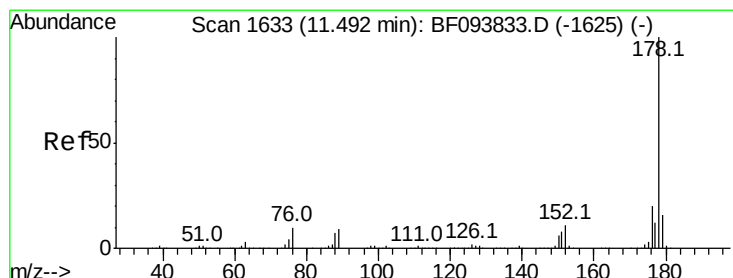
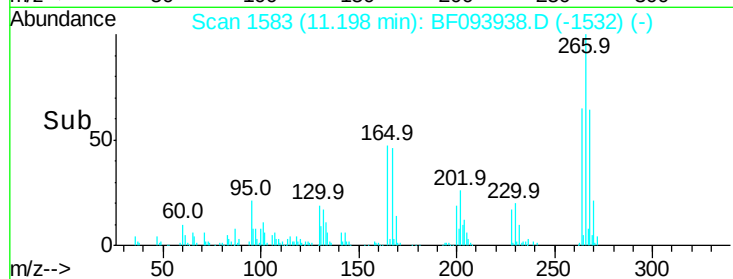
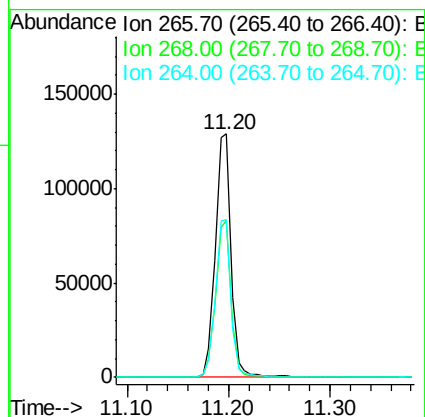
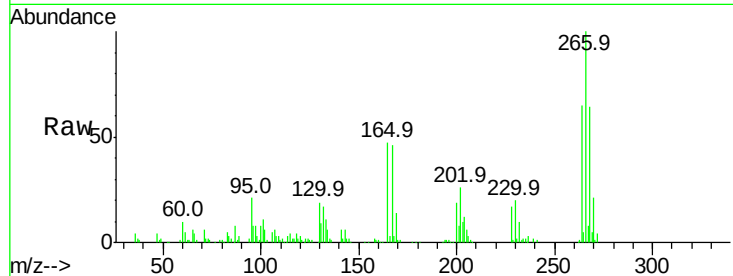
#69
 Pentachlorophenol
 Concen: 37.26 ng
 RT: 11.20 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	141197		
268	64.2	51.1	76.7	
264	64.8	51.7	77.5	

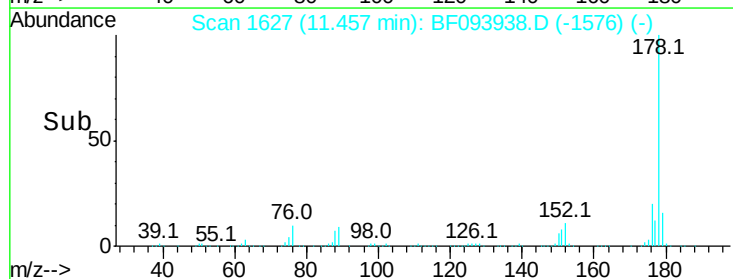
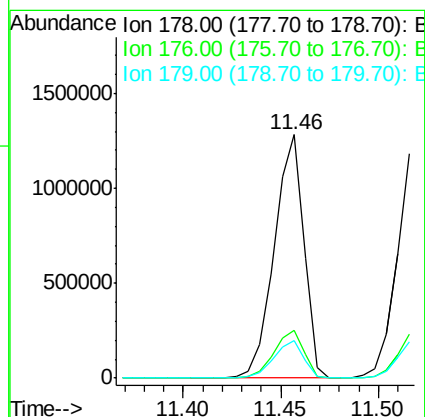
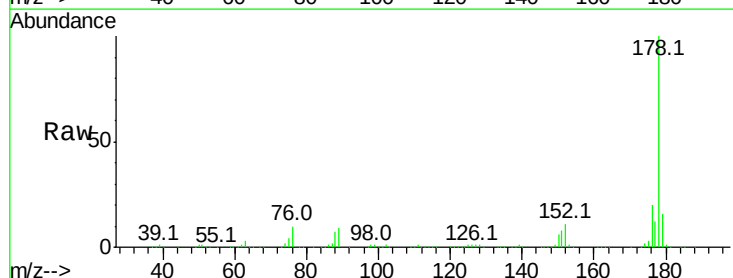
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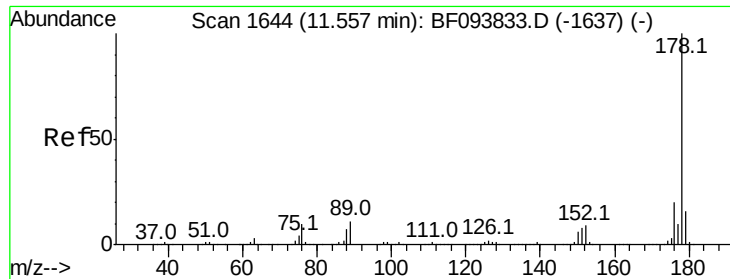
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#70
 Phenanthrene
 Concen: 39.54 ng
 RT: 11.46 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1345294		
176	19.7	16.2	24.4	
179	15.5	12.6	19.0	





#71

Anthracene

Concen: 39.89 ng

RT: 11.52 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1397260

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

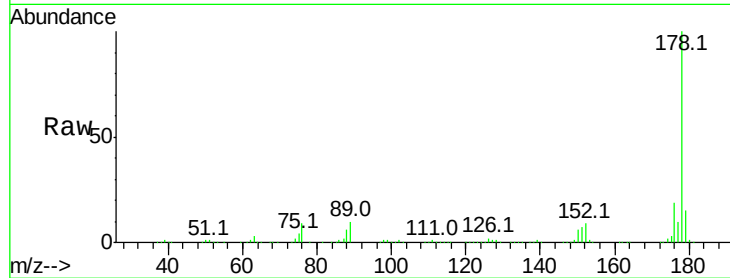
179 15.1 12.7 19.1

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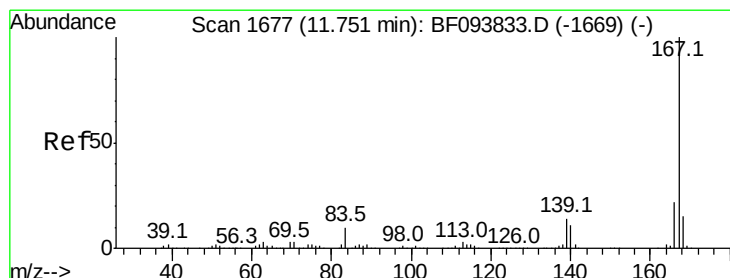
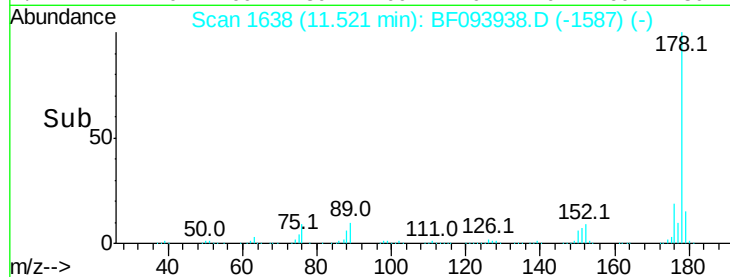
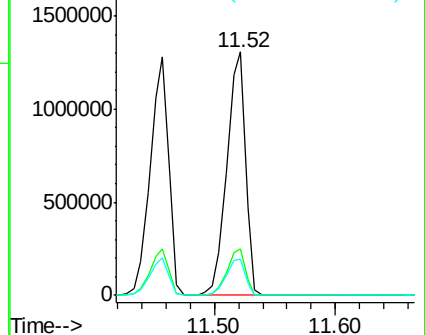
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.68 ng

RT: 11.72 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

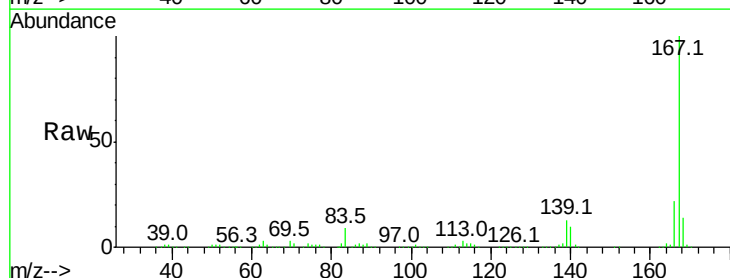
Tgt Ion:167 Resp: 1425463

Ion Ratio Lower Upper

167 100

166 22.5 18.1 27.1

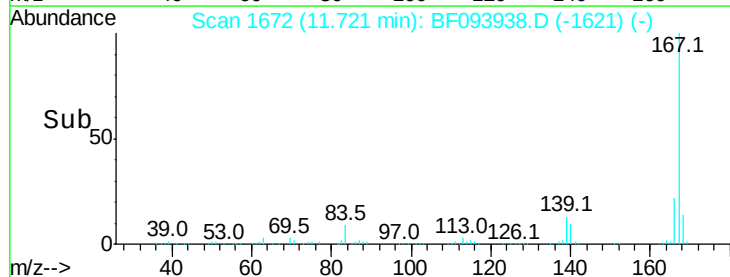
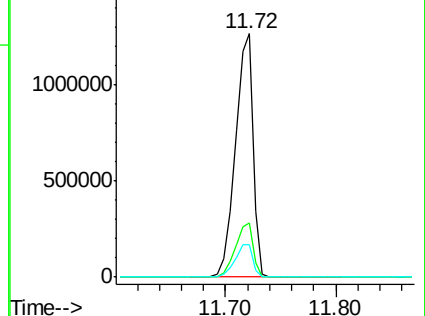
139 13.2 11.7 17.5

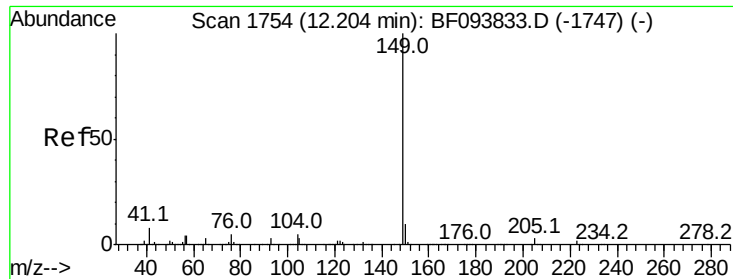


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.65 ng

RT: 12.17 min Scan# 1748

Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1518365

Ion Ratio Lower Upper

149 100

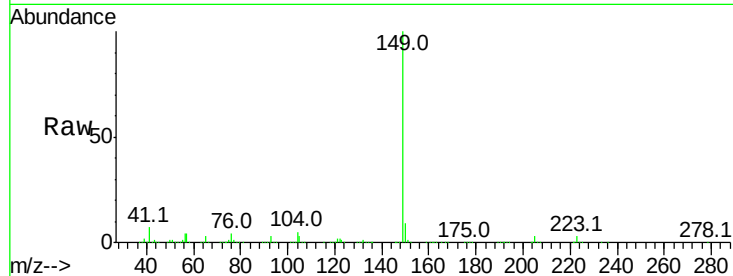
150 9.4 7.7 11.5

104 4.5 4.0 6.0

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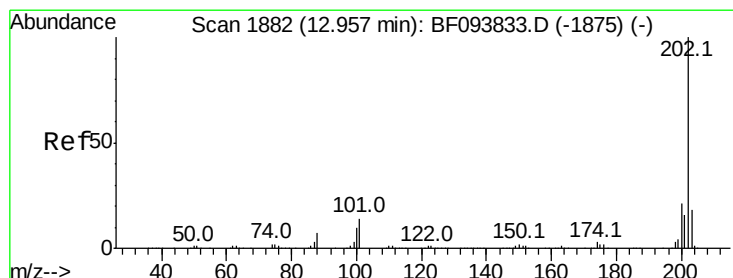
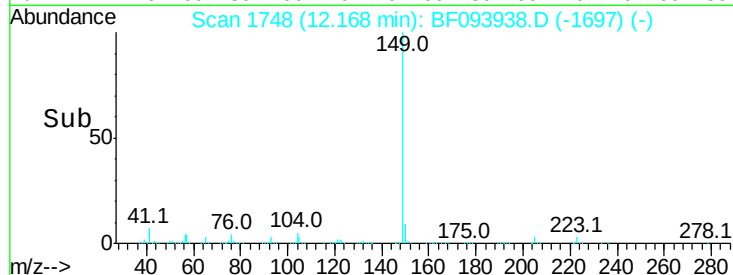
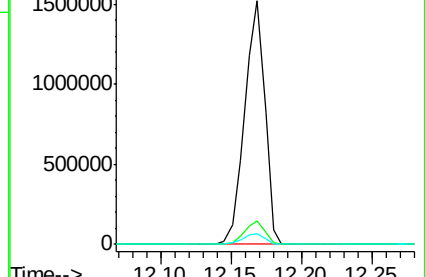
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.46 ng

RT: 12.92 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

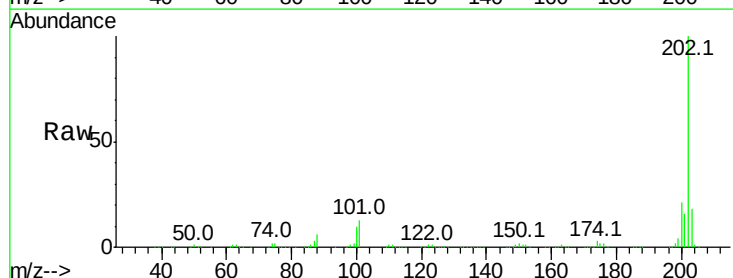
Tgt Ion:202 Resp: 1409588

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.2

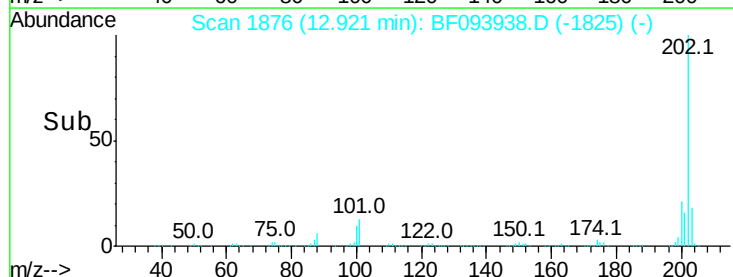
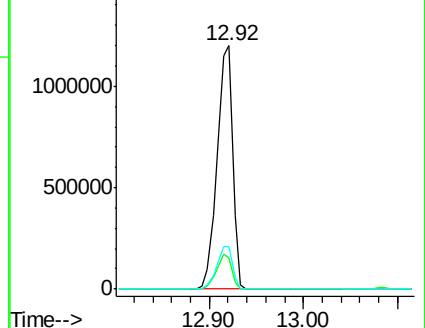
203 17.5 0.0 38.1

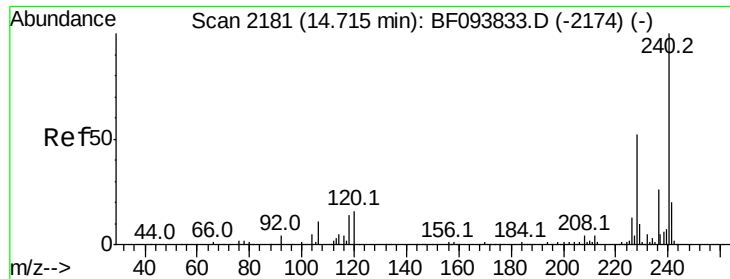


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.68 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

Instrument :

BNA_F

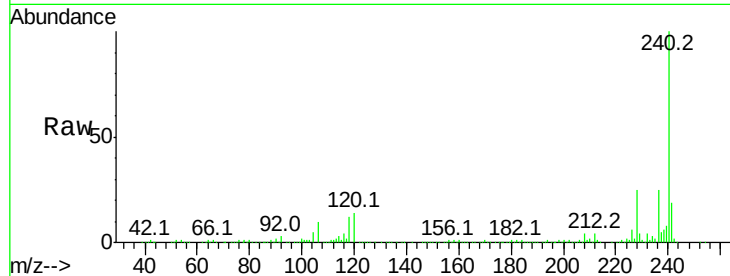
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.8	8.8#
236	25.4	20.5	30.7

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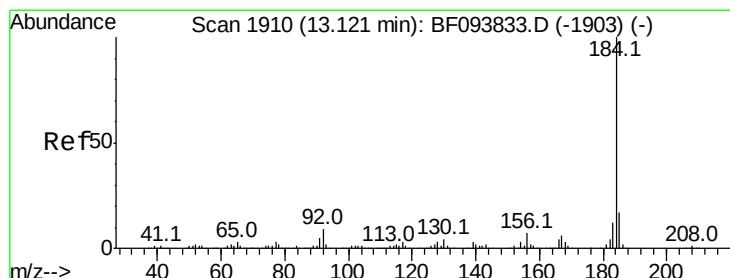
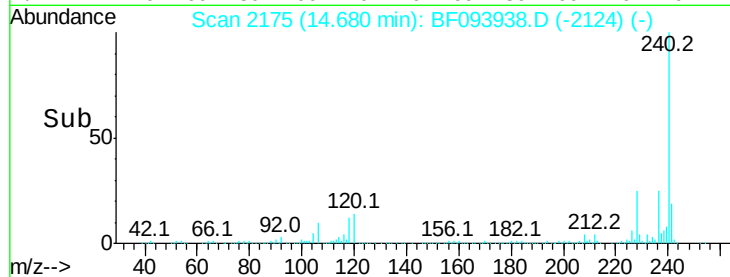
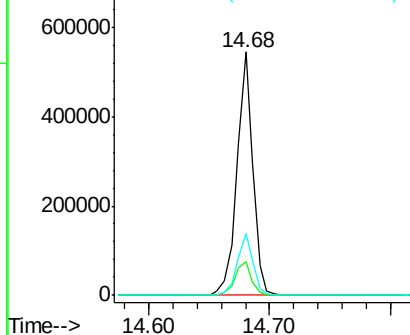
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.02 ng

RT: 13.09 min Scan# 1904

Delta R.T. 0.00 min

Lab File: BF093938.D

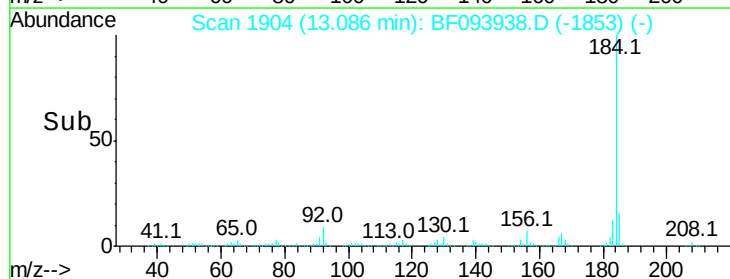
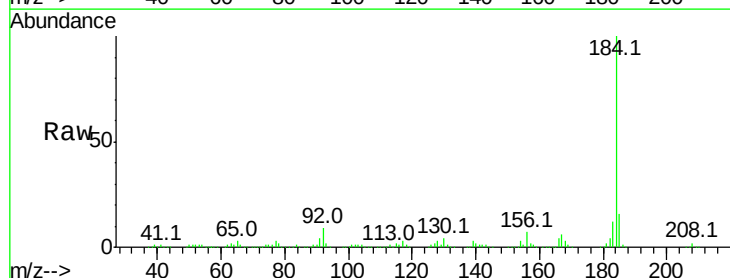
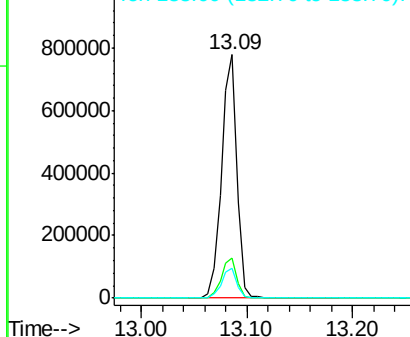
Acq: 27 Mar 2017 12:06

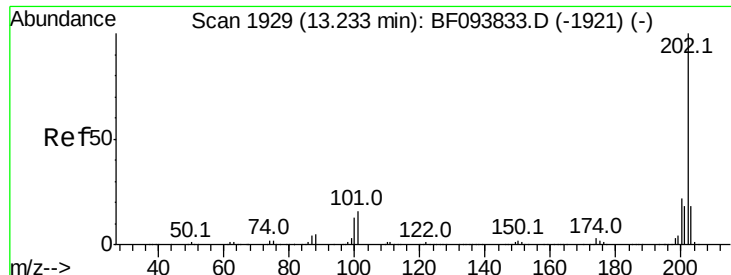
Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.4	15.5	23.3
183	12.4	9.8	14.6

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





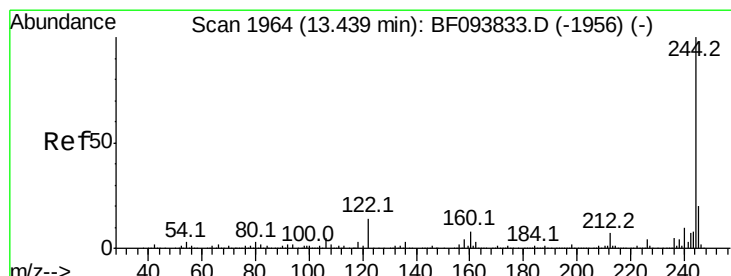
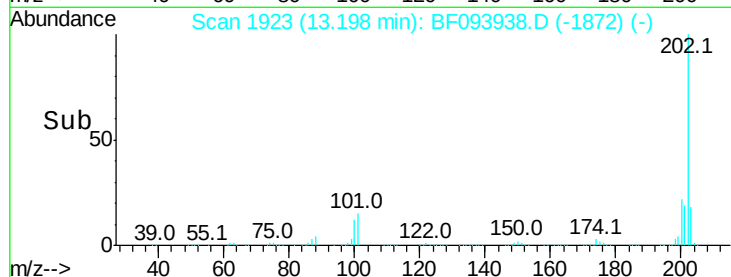
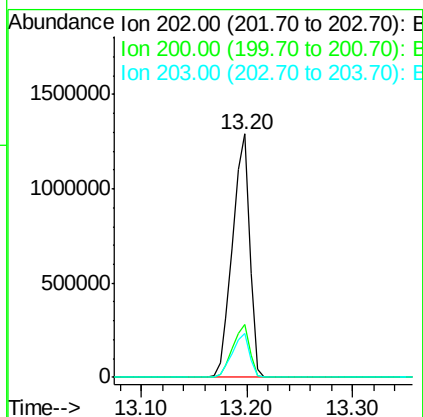
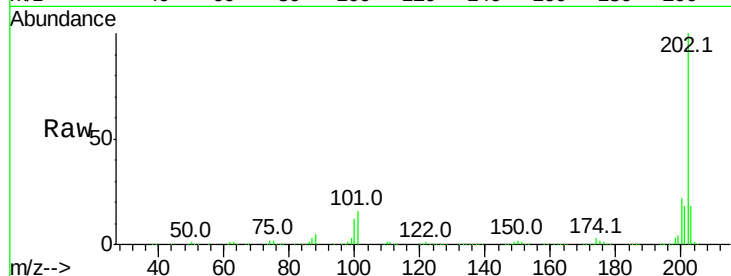
#77
Pvrene
Concen: 39.67 ng
RT: 13.20 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BF093938.D
Acq: 27 Mar 2017 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	17.8	14.4	21.6

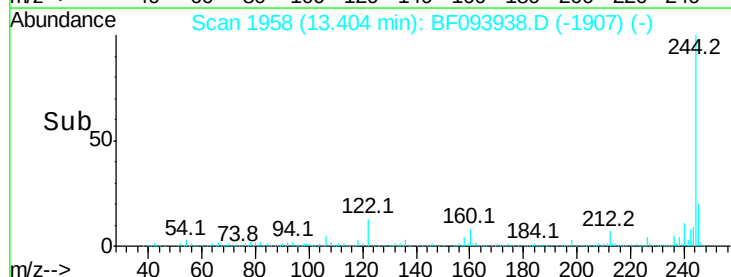
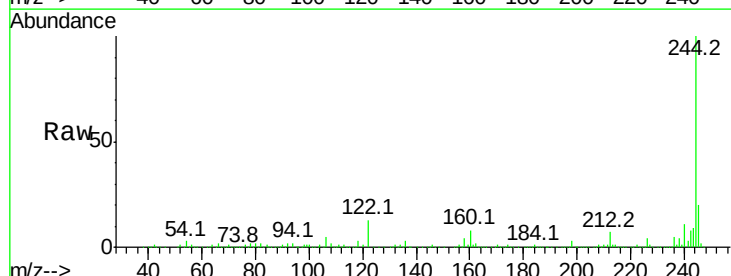
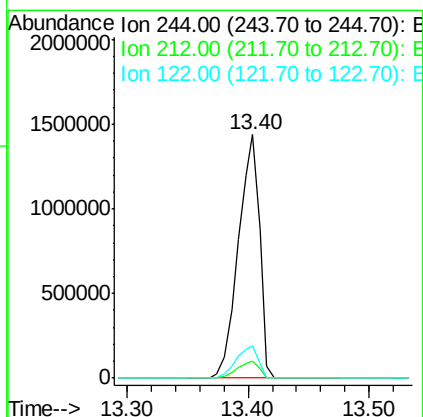
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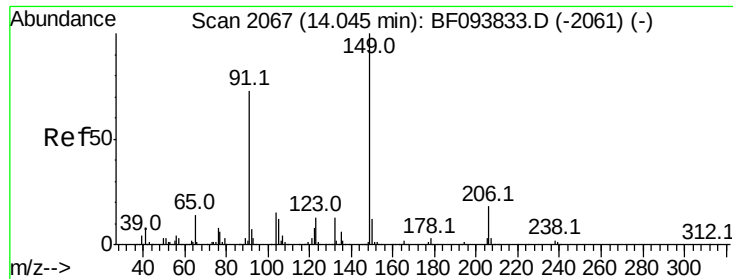
mohammad
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#78
Terphenyl-d14
Concen: 78.43 ng
RT: 13.40 min Scan# 1958
Delta R.T. 0.00 min
Lab File: BF093938.D
Acq: 27 Mar 2017 12:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.2	10.3	15.5





#79

Butylbenzylphthalate

Concen: 42.21 ng

RT: 14.01 min Scan# 2061

Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

Instrument :

BNA_F

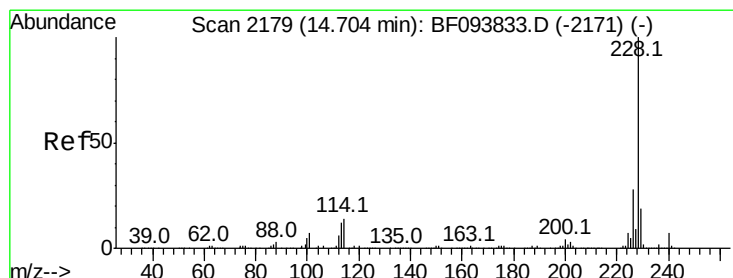
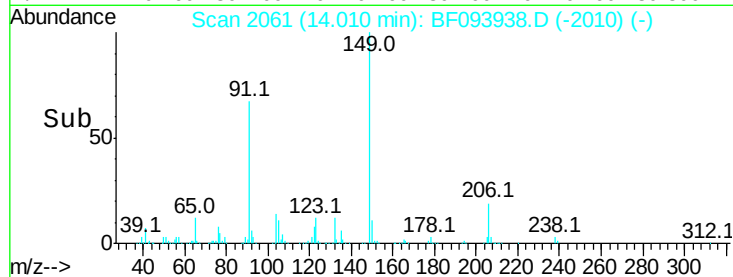
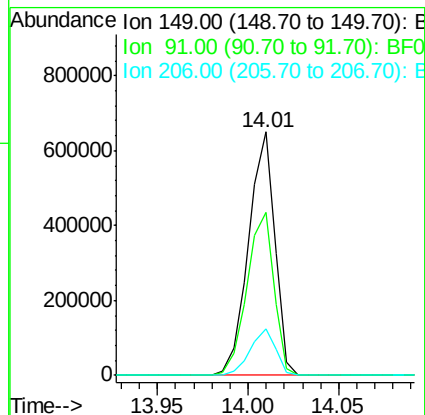
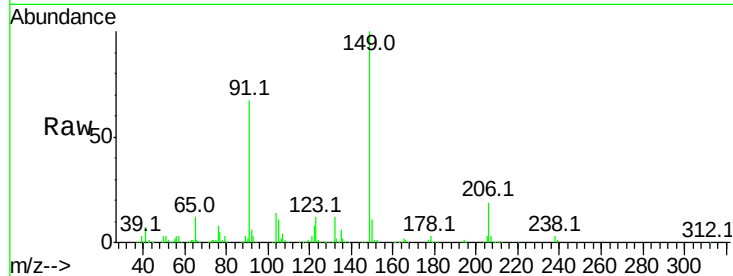
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	654909
Ion Ratio	Lower	Upper	
149	100		
91	67.1	45.0	67.4
206	18.9	17.0	25.6

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#80

Benzo(a)anthracene

Concen: 40.19 ng

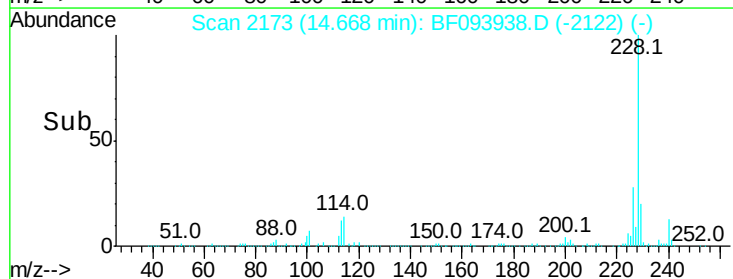
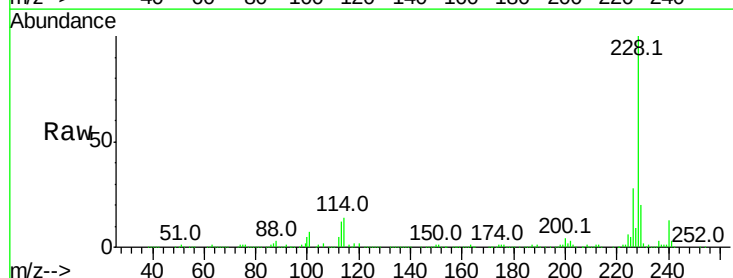
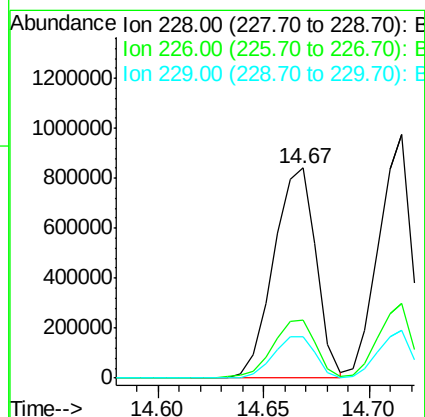
RT: 14.67 min Scan# 2173

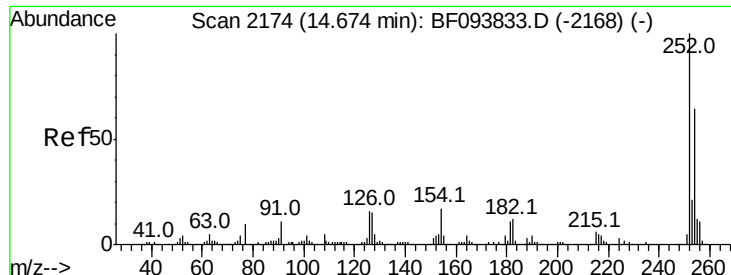
Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

Tgt Ion:	228	Resp:	1175682
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.6	33.8
229	19.7	16.3	24.5





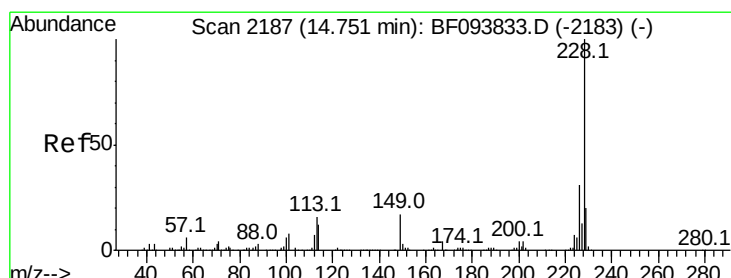
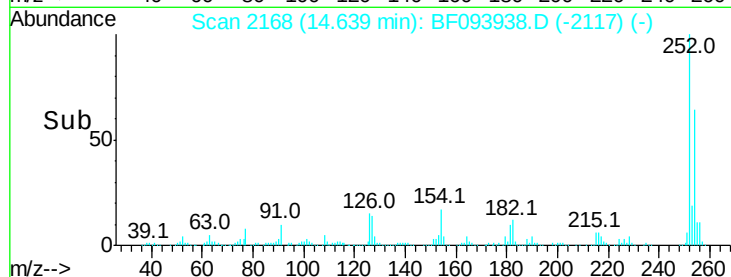
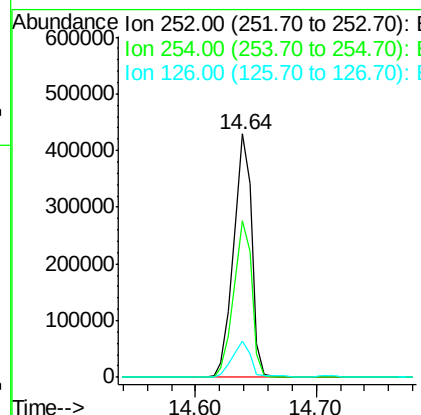
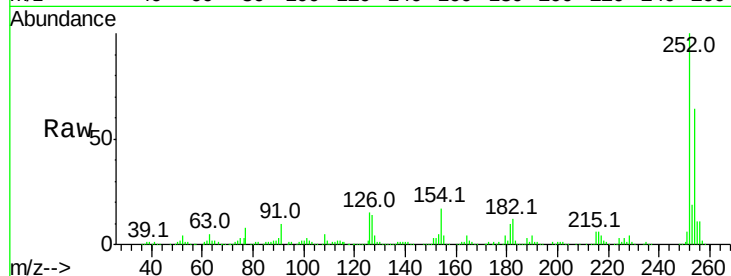
#81
 3,3'-Dichlorobenzidine
 Concen: 42.84 ng
 RT: 14.64 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.5	77.3
126	14.8	15.8	23.8

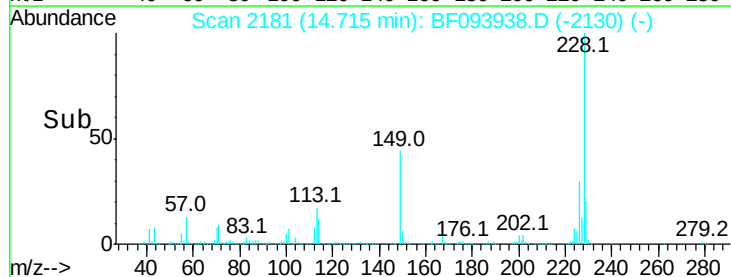
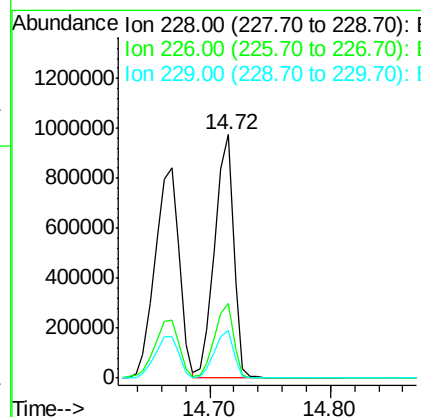
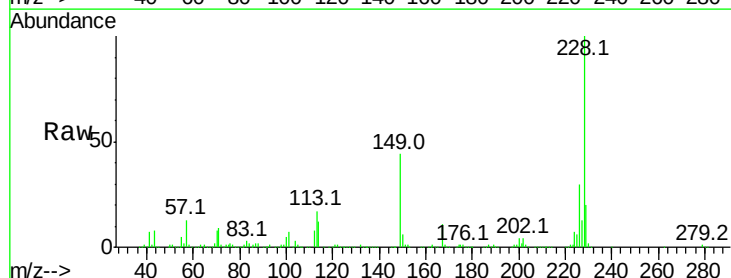
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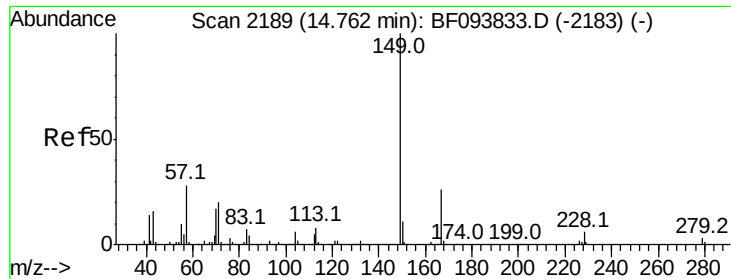
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#82
 Chrysene
 Concen: 38.85 ng
 RT: 14.72 min Scan# 2181
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	19.7	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.73 ng

RT: 14.72 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 840938

Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

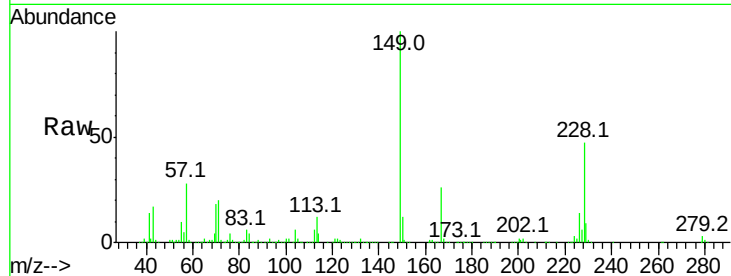
279 2.9 1.9 2.9#

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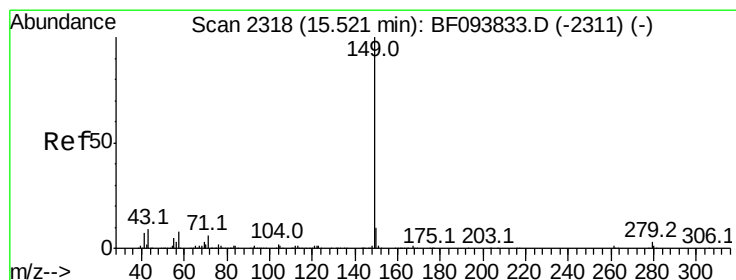
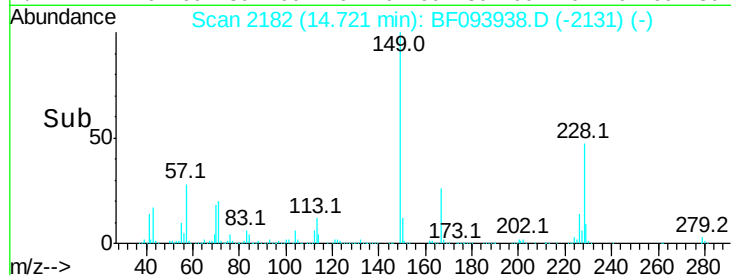
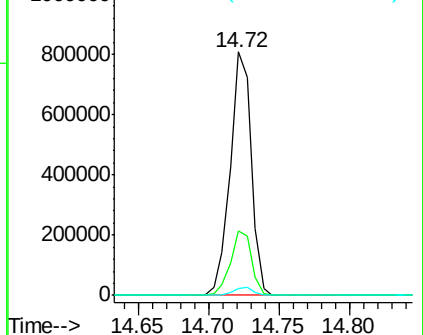
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.58 ng

RT: 15.48 min Scan# 2311

Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

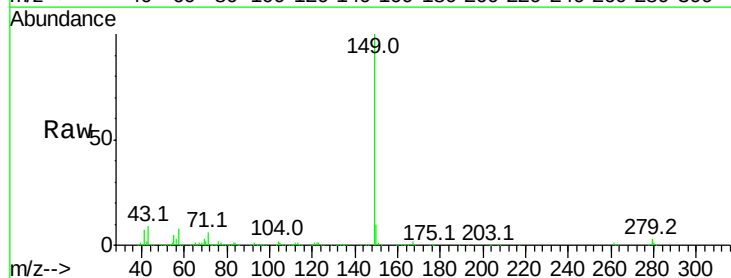
Tgt Ion:149 Resp: 1470231

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

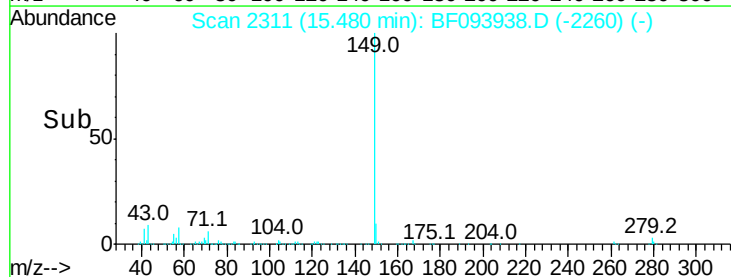
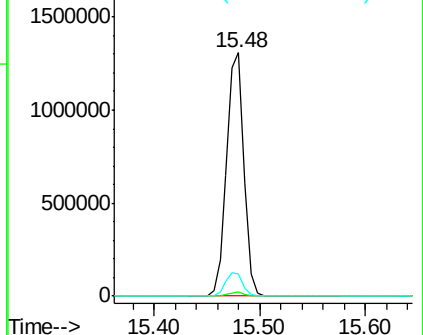
43 9.8 8.5 12.7

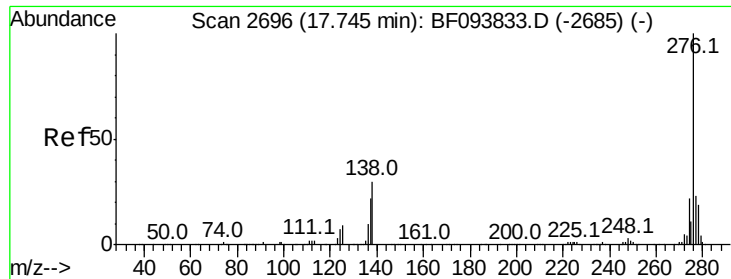


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





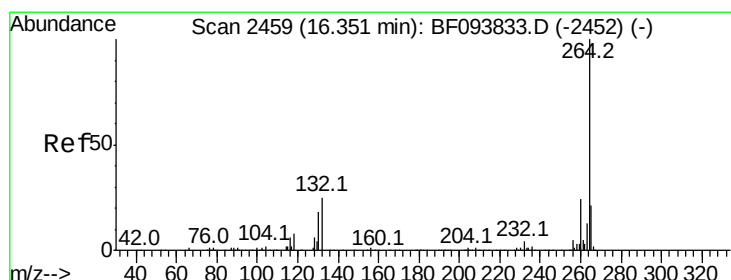
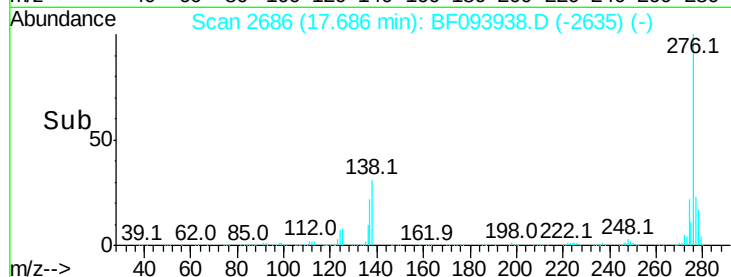
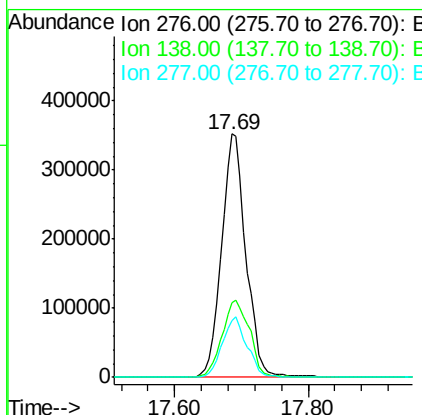
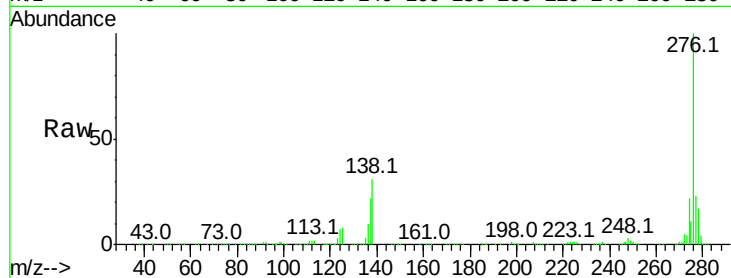
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.56 ng
 RT: 17.69 min Scan# 2686
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.7	27.8	41.6
277	25.2	20.2	30.4

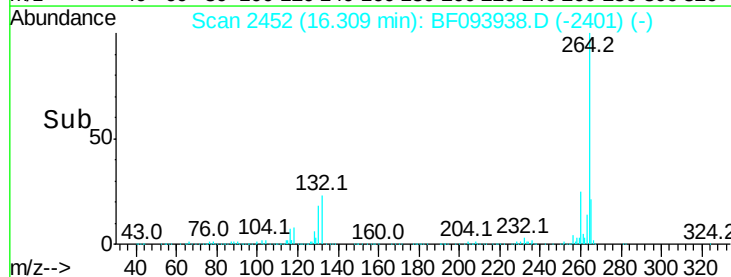
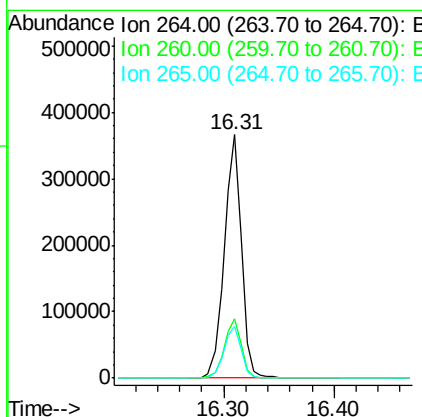
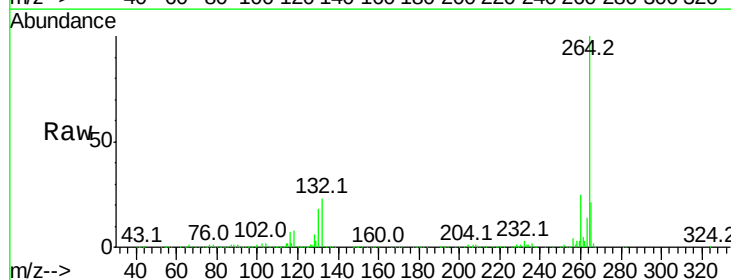
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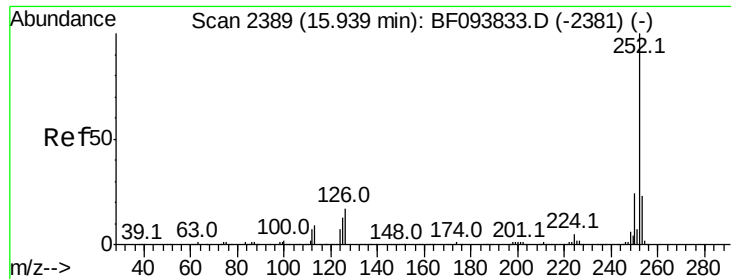
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.31 min Scan# 2452
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 42.94 ng

RT: 15.90 min Scan# 2382

Delta R.T. 0.00 min

Lab File: BF093938.D

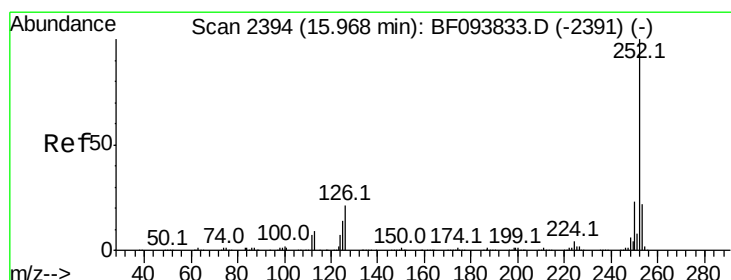
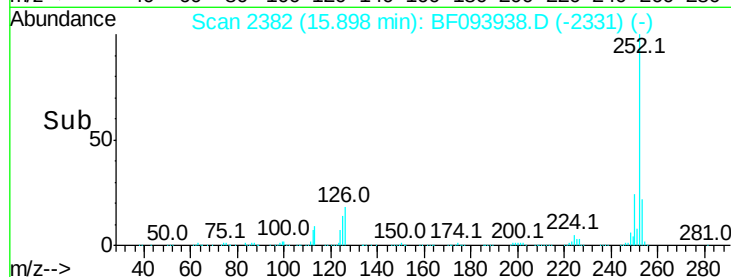
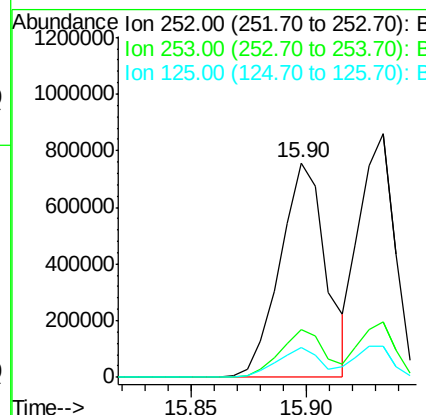
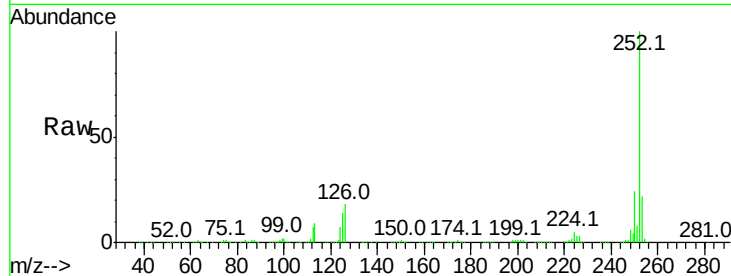
Acq: 27 Mar 2017 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	13.8	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 38.63 ng m

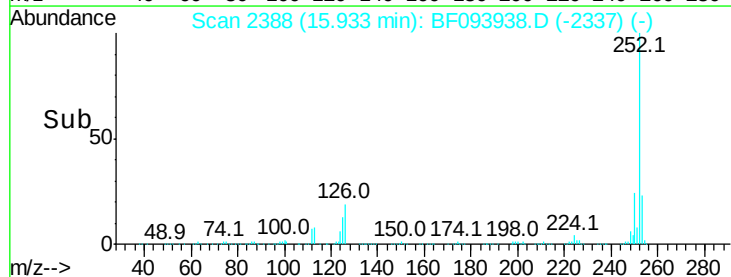
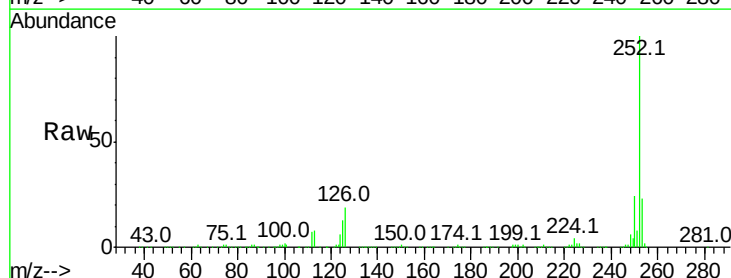
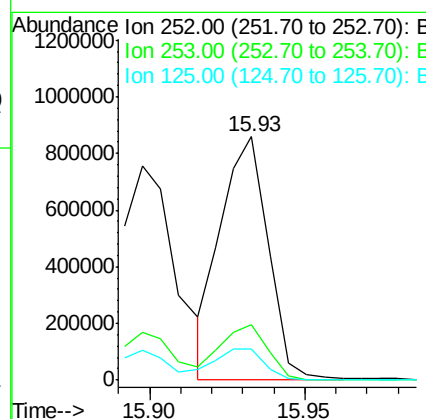
RT: 15.93 min Scan# 2388

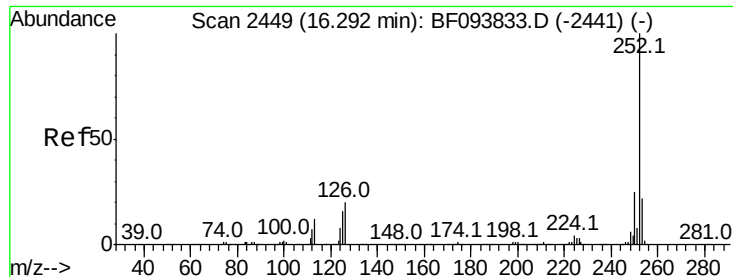
Delta R.T. 0.00 min

Lab File: BF093938.D

Acq: 27 Mar 2017 12:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	12.9	13.1	19.7#





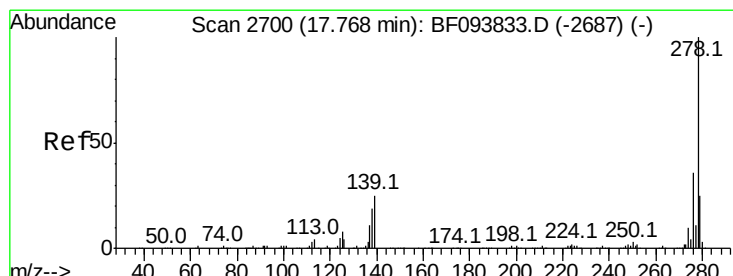
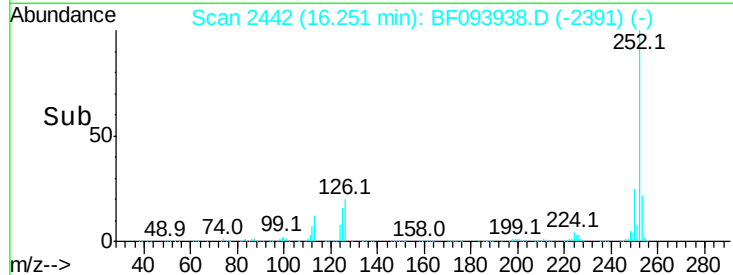
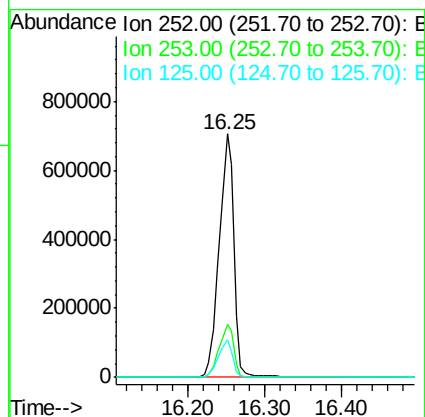
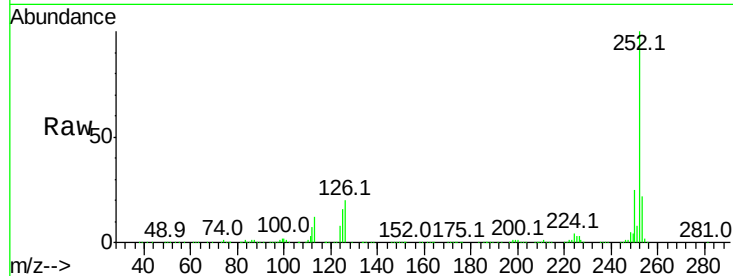
#89
Benzo(a)pyrene
Concen: 41.03 ng
RT: 16.25 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BF093938.D
Acq: 27 Mar 2017 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	15.6	11.0	16.4

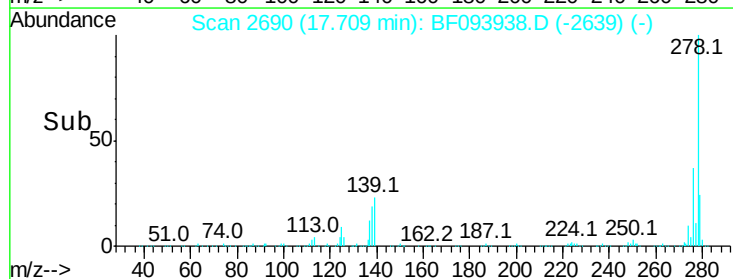
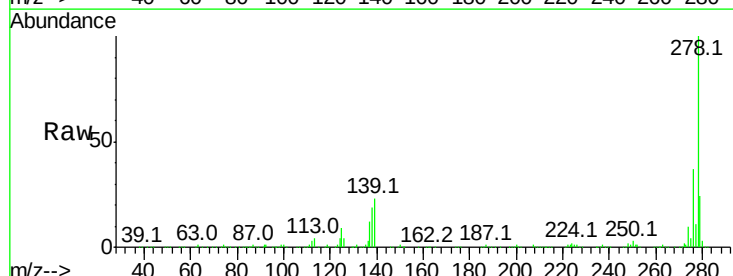
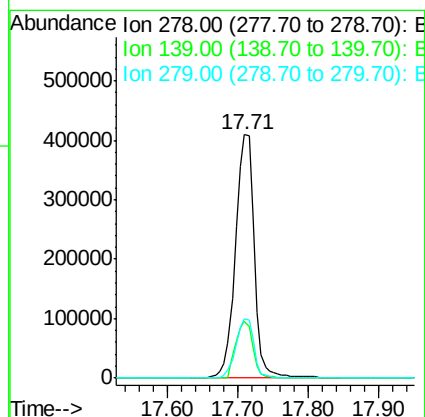
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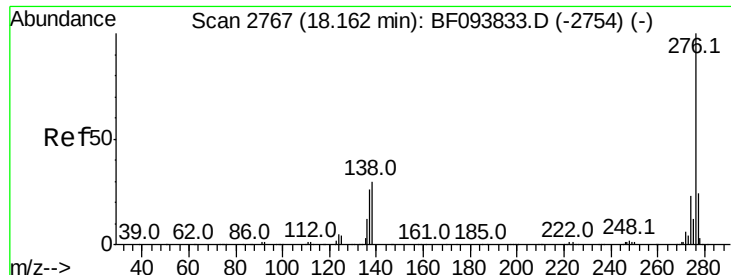
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 40.21 ng
RT: 17.71 min Scan# 2690
Delta R.T. 0.00 min
Lab File: BF093938.D
Acq: 27 Mar 2017 12:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.1	16.6	24.8
279	24.3	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 40.01 ng
 RT: 18.10 min Scan# 2756
 Delta R.T. 0.00 min
 Lab File: BF093938.D
 Acq: 27 Mar 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.3	18.6	28.0
138	31.5	25.4	38.0

Manual Integrations
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