

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094328.D
 Acq On : 11 Apr 2017 00:23
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 4/11/2017 12:53:27 PM

Quant Time: Apr 11 02:30:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	152262	20.00	ng	-0.02
21) Naphthalene-d8	7.35	136	609330	20.00	ng	-0.02
38) Acenaphthene-d10	9.48	164	267550	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	440432	20.00	ng	-0.02
75) Chrysene-d12	14.56	240	302580	20.00	ng	-0.02
86) Perylene-d12	16.18	264	269101	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	732546	81.26	ng	0.00
7) Phenol-d6	5.47	99	869328	77.95	ng	0.01
23) Nitrobenzene-d5	6.49	82	883867	82.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	169456	80.15	ng	-0.01
44) 2-Fluorobiphenyl	8.67	172	1490058	84.95	ng	-0.02
78) Terphenyl-d14	13.28	244	1227564	90.94	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.15	88	170059	39.27	ng	97
3) Pyridine	2.66	79	485188	41.10	ng	99
4) n-Nitrosodimethylamine	2.62	42	193066	39.75	ng	91
6) Aniline	5.46	93	586541	37.81	ng	99
8) 2-Chlorophenol	5.61	128	412805	41.66	ng	99
9) Benzaldehyde	5.33	77	277546	36.86	ng	99
10) Phenol	5.49	94	522244	41.15	ng	92
11) bis(2-Chloroethyl)ether	5.55	93	405604	40.90	ng	99
12) 1,3-Dichlorobenzene	5.77	146	456749	41.09	ng	99
13) 1,4-Dichlorobenzene	5.86	146	467280	41.51	ng	96
14) 1,2-Dichlorobenzene	6.03	146	425410	41.03	ng	97
15) Benzyl Alcohol	6.02	79	304710	37.33	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.16	45	552694	36.17	ng	57
17) 2-Methylphenol	6.17	107	337335	39.75	ng	# 91
18) Hexachloroethane	6.43	117	161848	40.90	ng	# 85
19) n-Nitroso-di-n-propylamine	6.33	70	299861	41.84	ng	98
20) 3+4-Methylphenols	6.35	107	465143	45.26	ng	# 61
22) Acetophenone	6.32	105	589448	43.40	ng	# 86
24) Nitrobenzene	6.52	77	432643	41.09	ng	95
25) Isophorone	6.80	82	749414	39.94	ng	# 94
26) 2-Nitrophenol	6.89	139	226451	45.09	ng	94
27) 2,4-Dimethylphenol	6.97	122	351753	40.65	ng	99
28) bis(2-Chloroethoxy)methane	7.06	93	495960	40.09	ng	99
29) 2,4-Dichlorophenol	7.20	162	331969	41.03	ng	99
30) 1,2,4-Trichlorobenzene	7.28	180	343005	41.16	ng	99
31) Naphthalene	7.37	128	1190109	40.62	ng	100
32) Benzoic acid	7.13	122	166391	28.89	ng	93
33) 4-Chloroaniline	7.45	127	479674	40.39	ng	# 93
34) Hexachlorobutadiene	7.52	225	178224	41.71	ng	100
35) Caprolactam	7.89	113	106687	41.35	ng	94
36) 4-Chloro-3-methylphenol	8.07	107	343325	40.61	ng	89
37) 2-Methylnaphthalene	8.21	142	795815	40.75	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.42	216	317753	43.41	ng	99
40) Hexachlorocyclopentadiene	8.40	237	79117	23.10	ng	100

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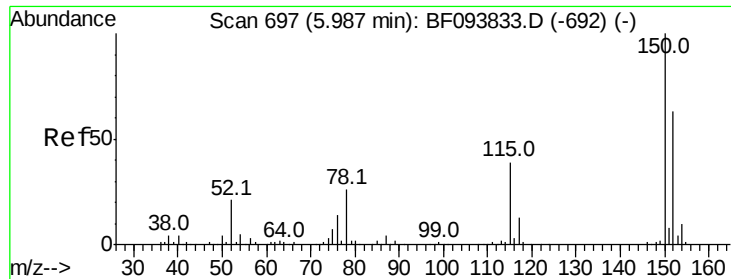
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.57	196	212239	40.99	nq	96
43) 2,4,5-Trichlorophenol	8.63	196	228707	40.82	nq	94
45) 1,1'-Biphenyl	8.79	154	894429	41.45	nq	98
46) 2-Chloronaphthalene	8.80	162	696510	41.23	nq	94
47) 2-Nitroaniline	8.94	65	211768	42.26	nq	# 85
48) Acenaphthylene	9.31	152	1126692	40.13	nq	99
49) Dimethylphthalate	9.17	163	811808	42.69	nq	100
50) 2,6-Dinitrotoluene	9.25	165	186006	42.66	nq	98
51) Acenaphthene	9.53	154	652683	39.84	nq	99
52) 3-Nitroaniline	9.45	138	210776	41.17	nq	87
53) 2,4-Dinitrophenol	9.57	184	36996	19.60	nq	# 74
54) Dibenzofuran	9.74	168	873054	39.15	nq	99
55) 4-Nitrophenol	9.71	139	136517m	34.05	nq	
56) 2,4-Dinitrotoluene	9.74	165	214773	39.22	nq	# 74
57) Fluorene	10.16	166	722820	39.09	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.90	232	147398	38.34	nq	97
59) Diethylphthalate	10.04	149	774813	41.22	nq	100
60) 4-Chlorophenyl-phenylether	10.16	204	312544	39.67	nq	95
61) 4-Nitroaniline	10.20	138	200207	40.75	nq	97
62) Azobenzene	10.36	77	693069	38.98	nq	97
64) 4,6-Dinitro-2-methylphenol	10.24	198	69115	25.62	nq	# 72
65) n-Nitrosodiphenylamine	10.32	169	655167	43.01	nq	98
66) 4-Bromophenyl-phenylether	10.76	248	188858	43.60	nq	98
67) Hexachlorobenzene	10.83	284	186949	42.63	nq	# 83
68) Atrazine	10.99	200	197060	43.20	nq	95
69) Pentachlorophenol	11.09	266	96138	35.22	nq	97
70) Phenanthrene	11.33	178	998903	40.77	nq	99
71) Anthracene	11.40	178	1027877	40.75	nq	99
72) Carbazole	11.61	167	1021871	39.50	nq	98
73) Di-n-butylphthalate	12.05	149	1166578	43.36	nq	99
74) Fluoranthene	12.80	202	935424	37.29	nq	99
76) Benzidine	12.97	184	398196	33.25	nq	95
77) Pyrene	13.07	202	949758	43.25	nq	98
79) Butylbenzylphthalate	13.89	149	436235	46.62	nq	88
80) Benzo(a)anthracene	14.54	228	721763	40.91	nq	99
81) 3,3'-Dichlorobenzidine	14.52	252	258709	41.02	nq	# 95
82) Chrysene	14.59	228	672701	41.08	nq	99
83) Bis(2-ethylhexyl)phthalate	14.60	149	605326	47.42	nq	99
84) Di-n-octyl phthalate	15.36	149	971602	45.56	nq	98
85) Indeno(1,2,3-cd)pyrene	17.50	276	620140	43.73	nq	99
87) Benzo(b)fluoranthene	15.78	252	644582	39.08	nq	98
88) Benzo(k)fluoranthene	15.81	252	639540	39.63	nq	96
89) Benzo(a)pyrene	16.13	252	610488	40.19	nq	99
90) Dibenzo(a,h)anthracene	17.52	278	528898	41.11	nq	98
91) Benzo(g,h,i)perylene	17.89	276	515404	39.76	nq	99

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



#1

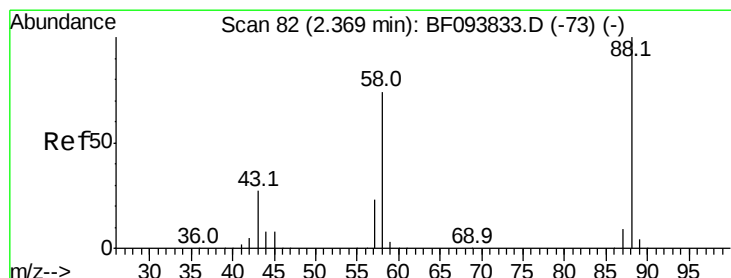
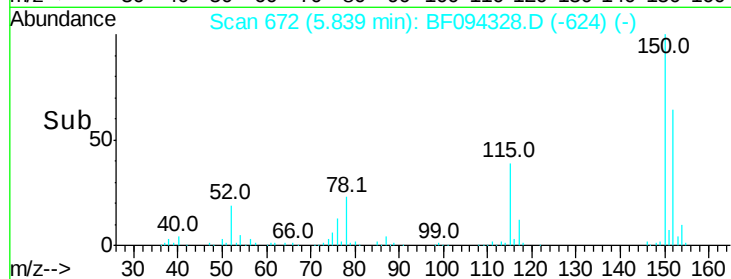
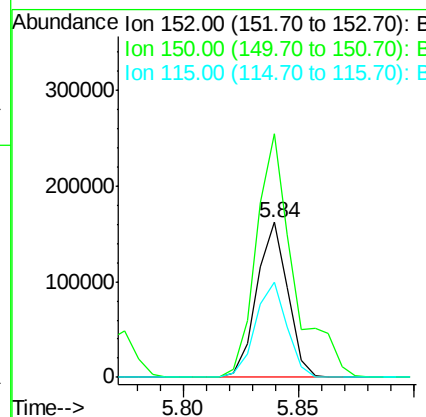
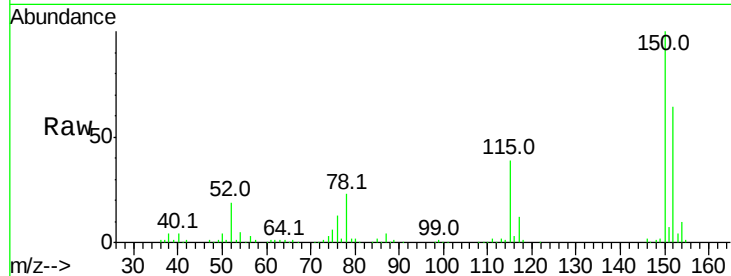
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.84 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.2	189.2
115	61.6	52.2	78.2

Manual Integrations
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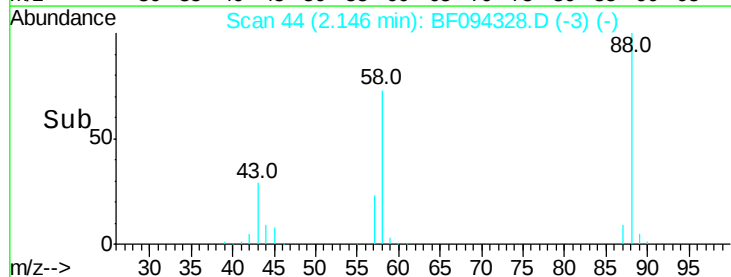
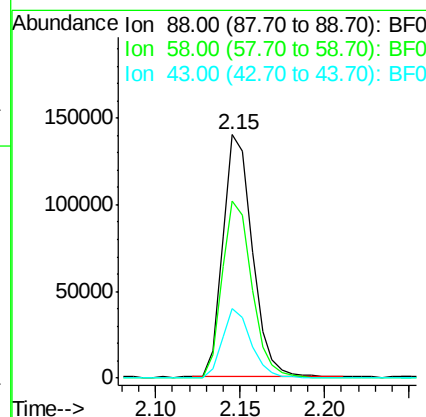
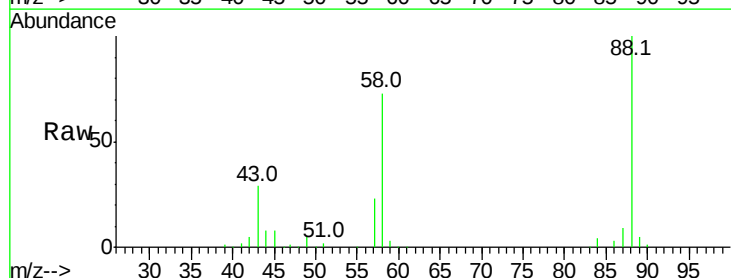
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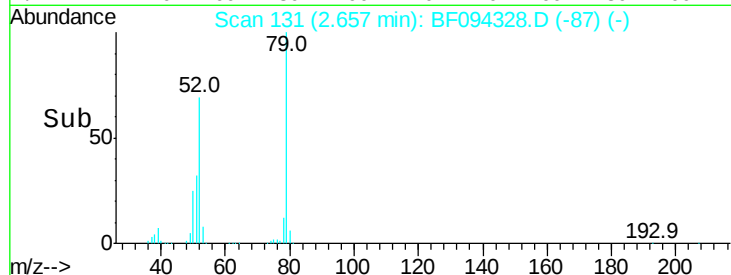
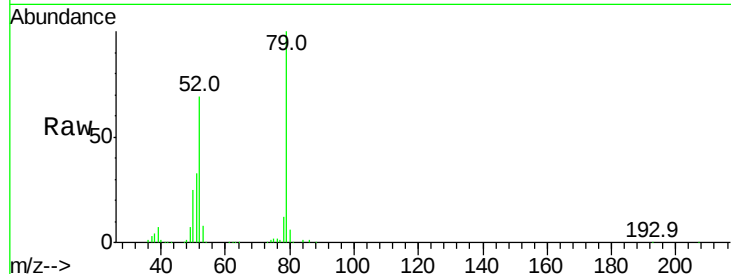
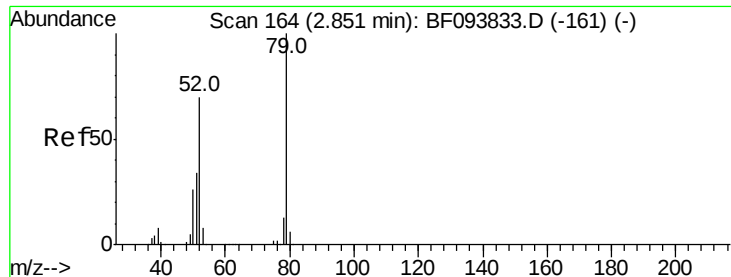


#2

1,4-Dioxane
Concen: 39.27 ng
RT: 2.15 min Scan# 44
Delta R.T. -0.06 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.8	61.4	92.0
43	28.4	23.4	35.0





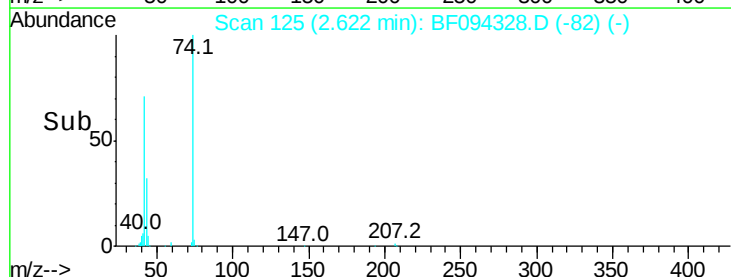
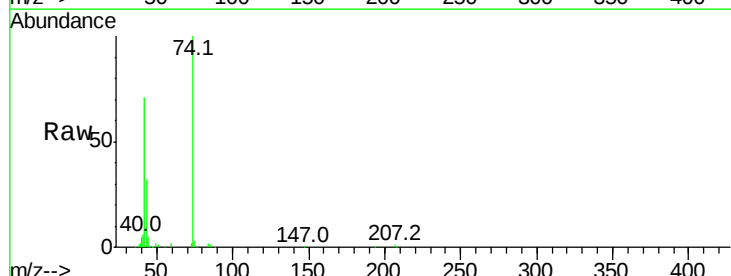
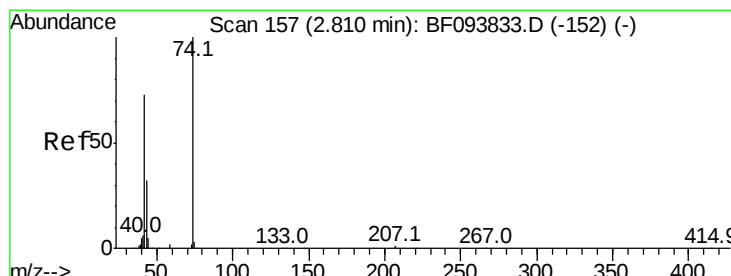
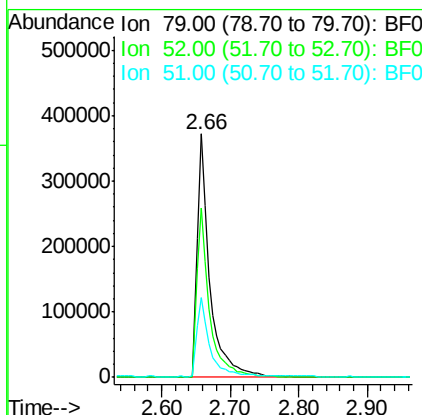
#3
 Pvridine
 Concen: 41.10 ng
 RT: 2.66 min Scan# 131
 Delta R.T. -0.04 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.4	54.8	82.2
51	32.8	27.0	40.4

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

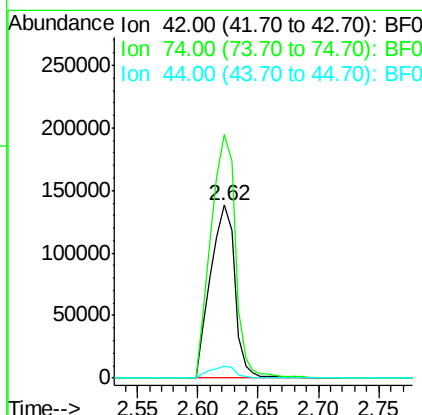
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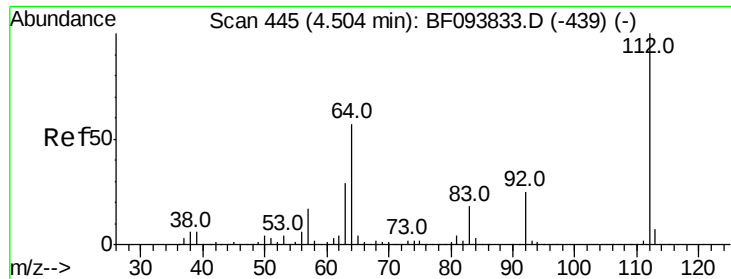
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#4
 n-Nitrosodimethylamine
 Concen: 39.75 ng
 RT: 2.62 min Scan# 125
 Delta R.T. -0.05 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.9	103.9	155.9
44	7.1	5.7	8.5





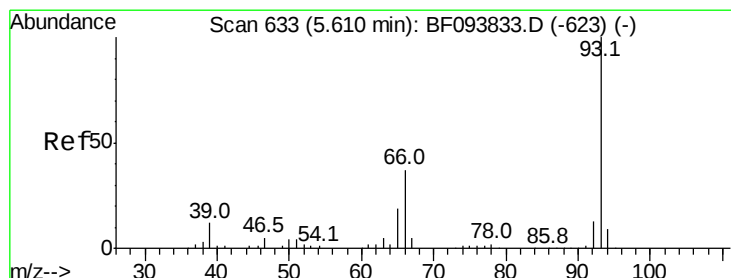
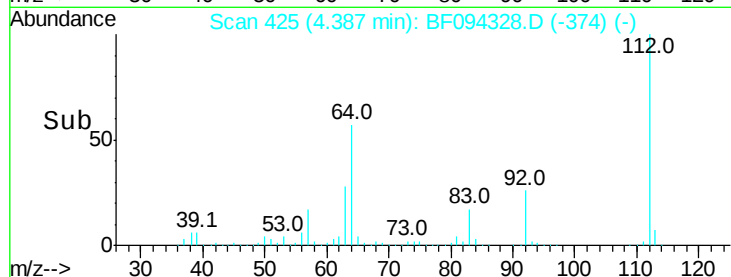
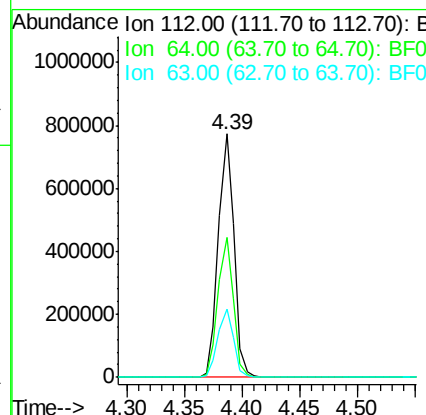
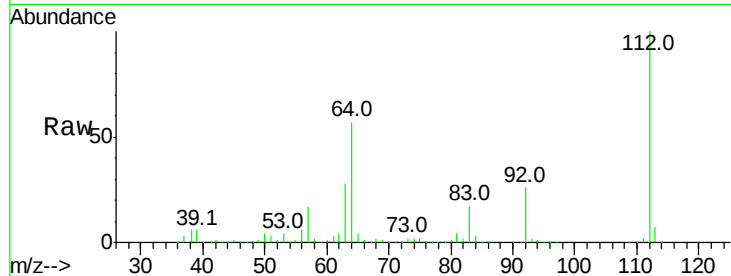
#5
2-Fluorophenol
Concen: 81.26 ng
RT: 4.39 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	57.4	46.0	69.0
63	28.2	23.4	35.0

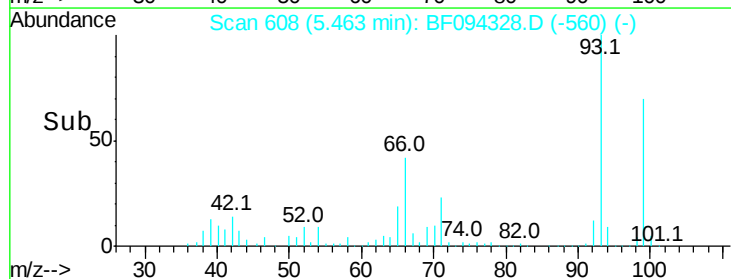
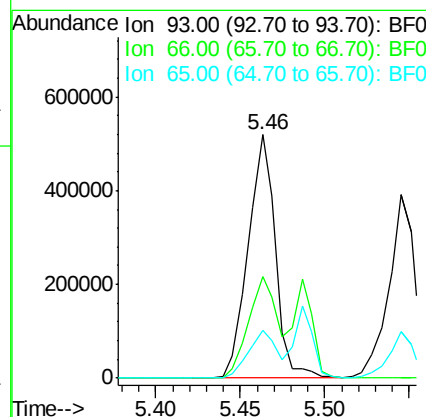
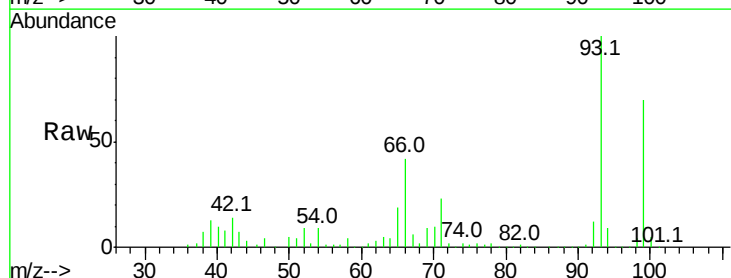
Manual Integrations
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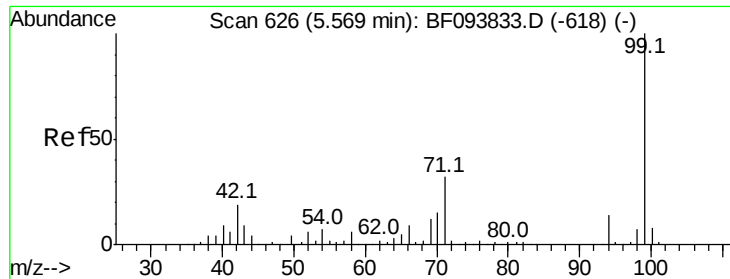
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#6
Aniline
Concen: 37.81 ng
RT: 5.46 min Scan# 608
Delta R.T. -0.02 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	41.9	32.9	49.3
65	19.5	16.0	24.0





#7

Phenol-d6

Concen: 77.95 ng

RT: 5.47 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF094328.D

Acq: 11 Apr 2017 00:23

Instrument :

BNA_F

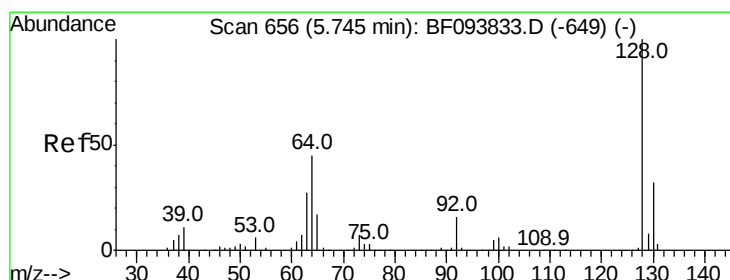
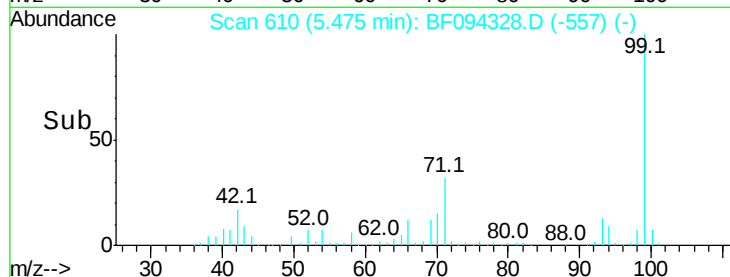
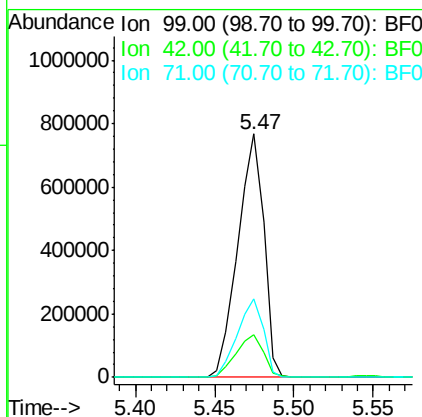
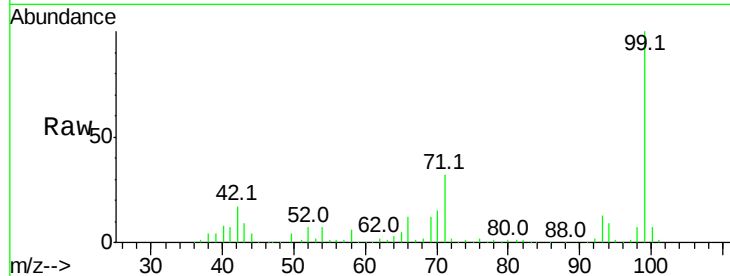
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	869328
Ion Ratio	Lower	Upper	
99	100		
42	17.5	13.5	20.3
71	32.4	24.5	36.7

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.66 ng

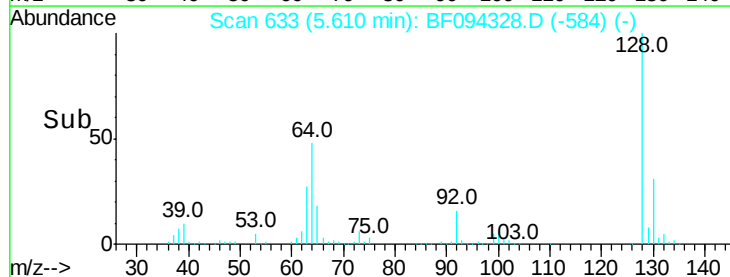
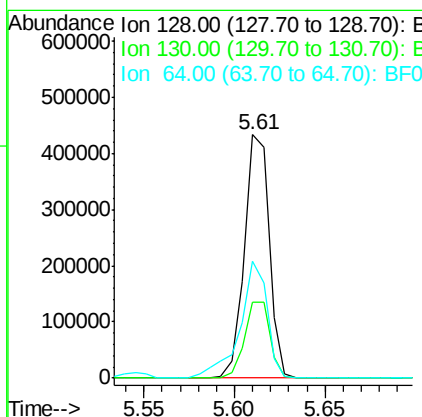
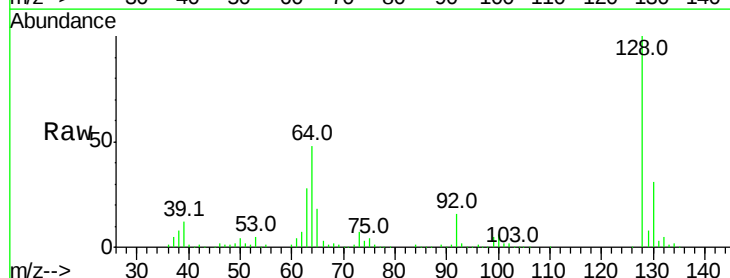
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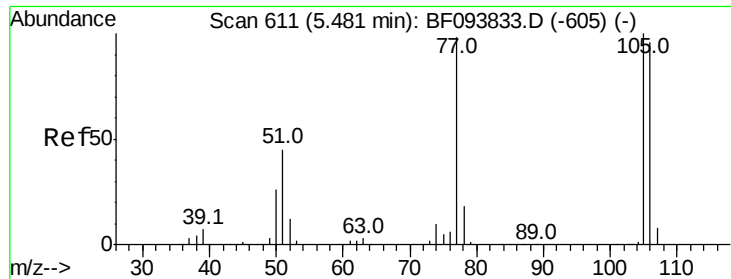
Delta R.T. -0.01 min

Lab File: BF094328.D

Acq: 11 Apr 2017 00:23

Tgt Ion:	128	Resp:	412805
Ion Ratio	Lower	Upper	
128	100		
130	31.2	12.9	52.9
64	48.1	28.4	68.4





#9

Benzaldehyde

Concen: 36.86 ng

RT: 5.33 min Scan# 586

Delta R.T. -0.02 min

Lab File: BF094328.D

Acq: 11 Apr 2017 00:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 277546

Ion Ratio Lower Upper

77 100

105 104.2 83.8 123.8

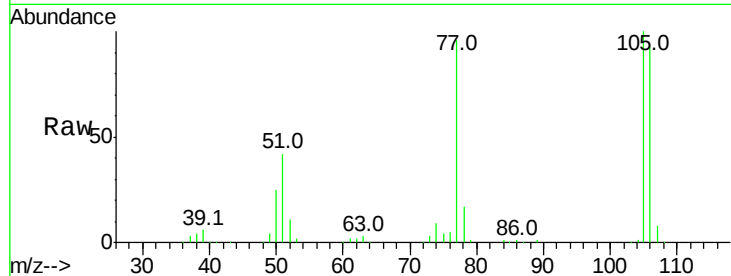
106 97.1 79.1 119.1

Manual Integrations

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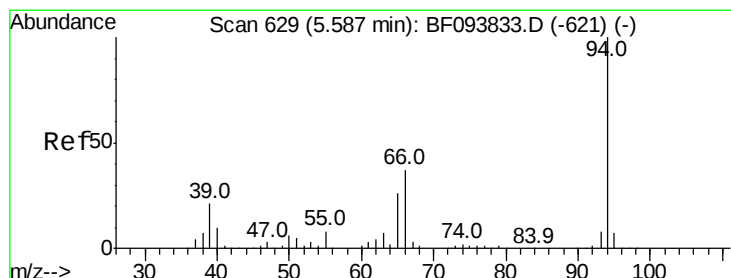
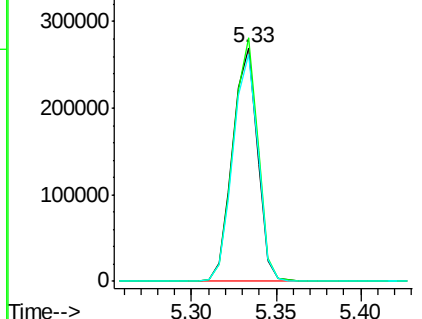
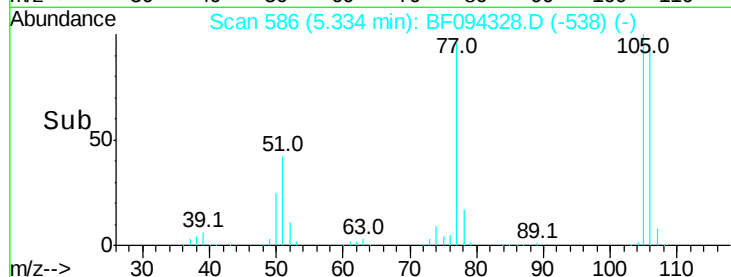
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.15 ng

RT: 5.49 min Scan# 612

Delta R.T. 0.01 min

Lab File: BF094328.D

Acq: 11 Apr 2017 00:23

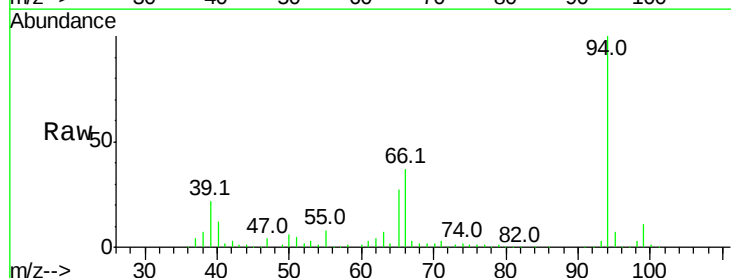
Tgt Ion: 94 Resp: 522244

Ion Ratio Lower Upper

94 100

65 26.8 9.9 49.9

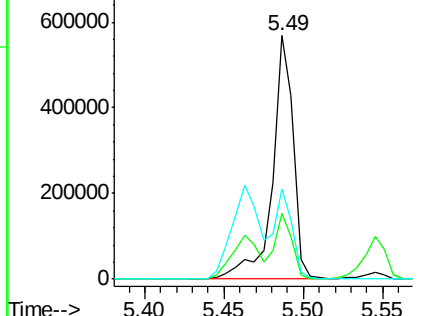
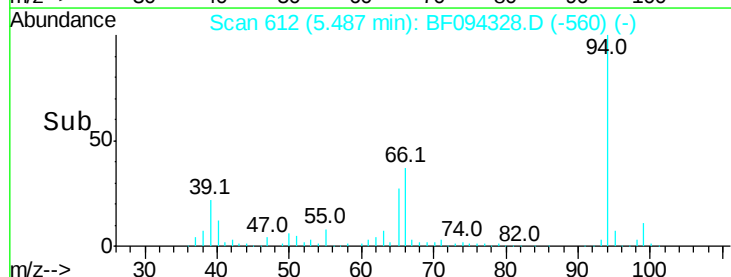
66 37.2 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.90 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF094328.D

Acq: 11 Apr 2017 00:23

Instrument :

BNA_F

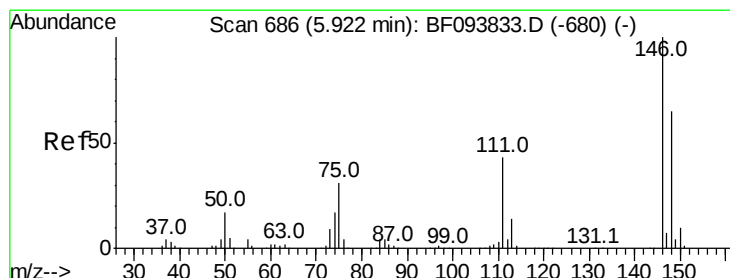
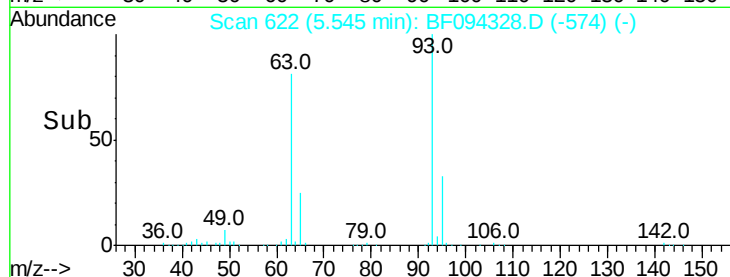
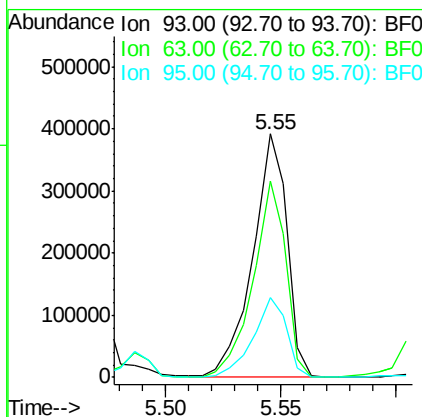
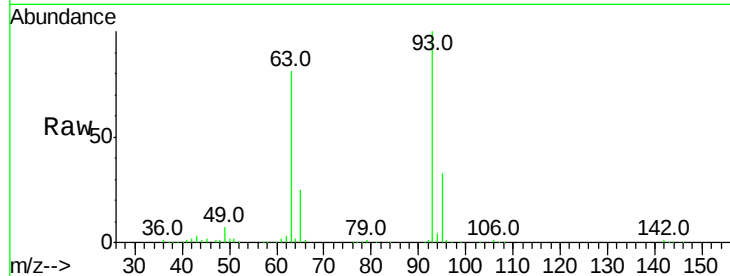
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	405604
Ion Ratio	Lower	Upper	
93	100		
63	80.7	59.2	99.2
95	32.8	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 41.09 ng

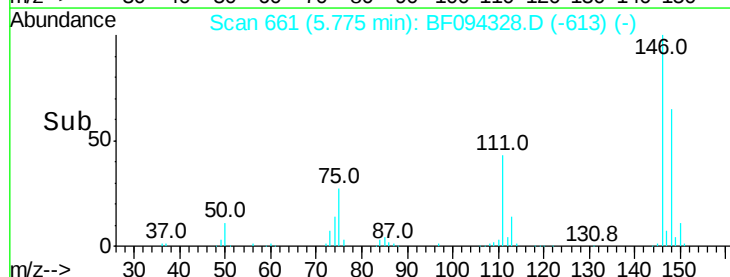
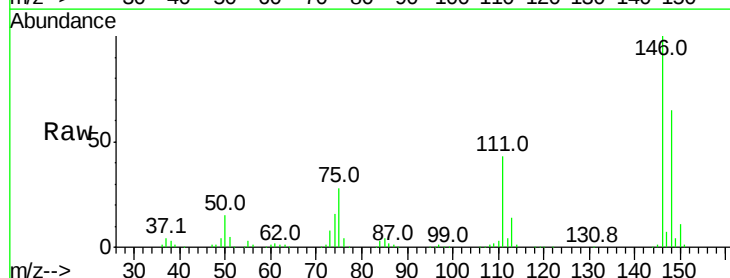
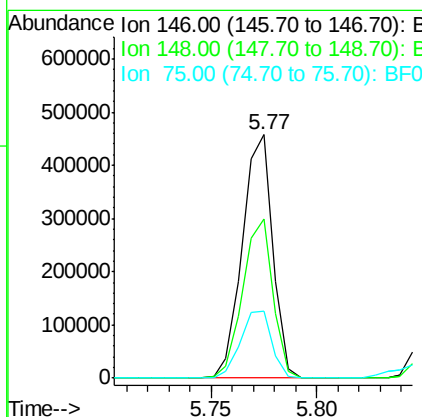
RT: 5.77 min Scan# 661

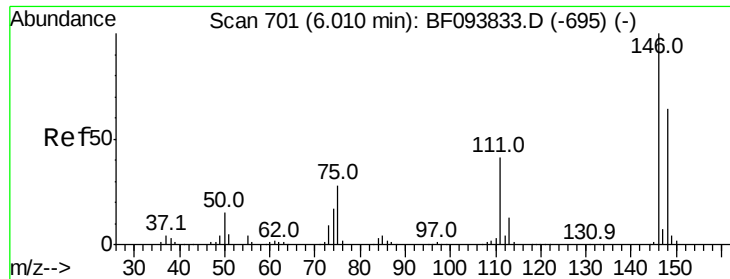
Delta R.T. -0.02 min

Lab File: BF094328.D

Acq: 11 Apr 2017 00:23

Tgt Ion:	146	Resp:	456749
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.8	77.6
75	27.7	23.1	34.7





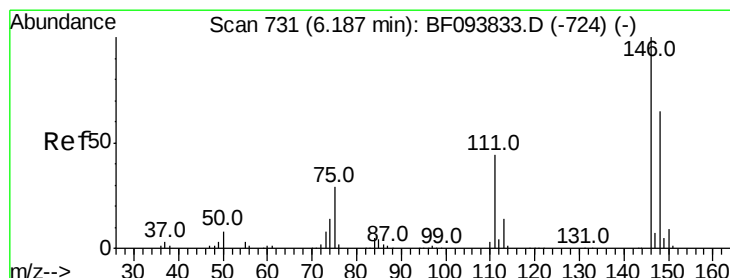
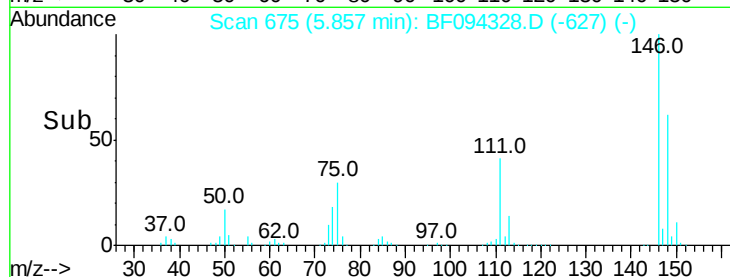
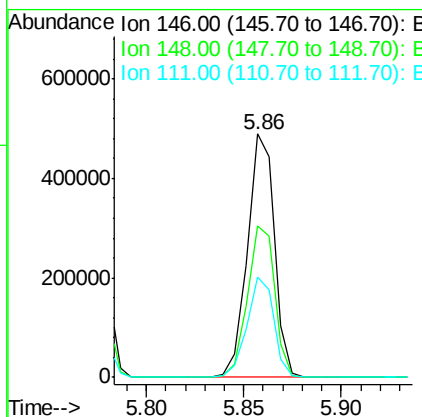
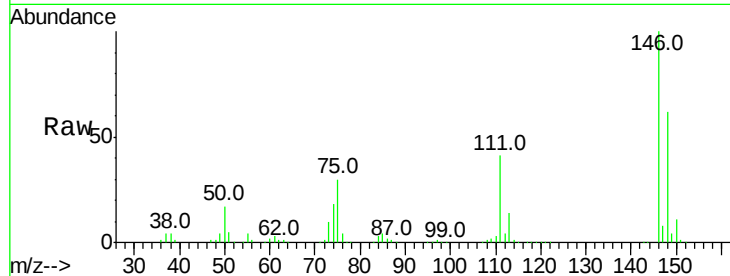
#13
 1,4-Dichlorobenzene
 Concen: 41.51 ng
 RT: 5.86 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.2	78.2
111	41.2	30.3	45.5

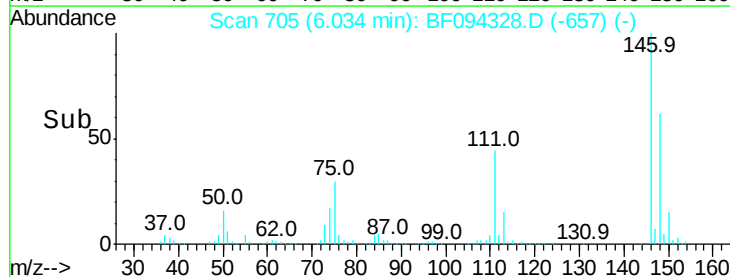
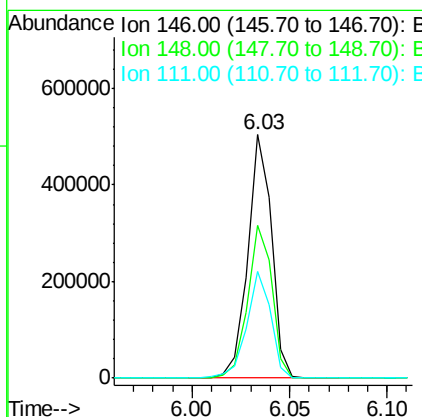
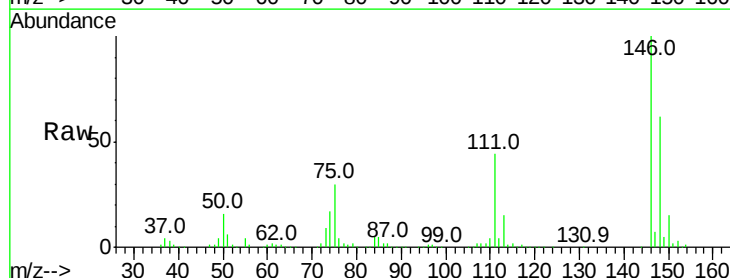
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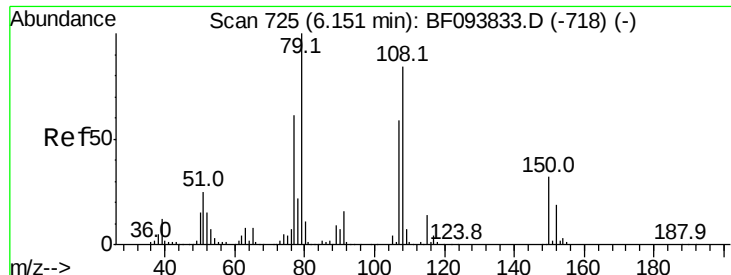
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#14
 1,2-Dichlorobenzene
 Concen: 41.03 ng
 RT: 6.03 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.4	75.6
111	43.9	38.2	57.4





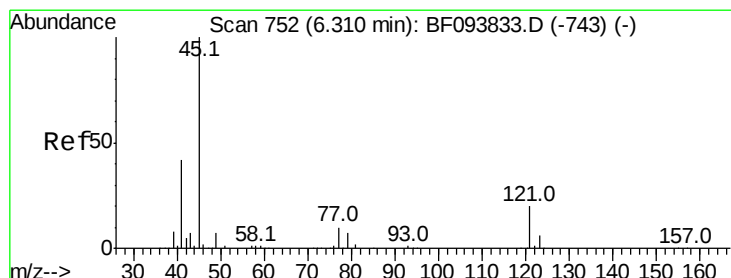
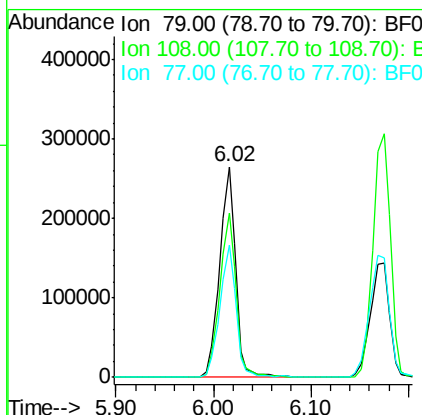
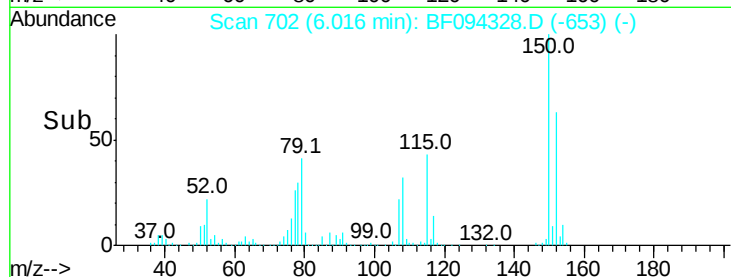
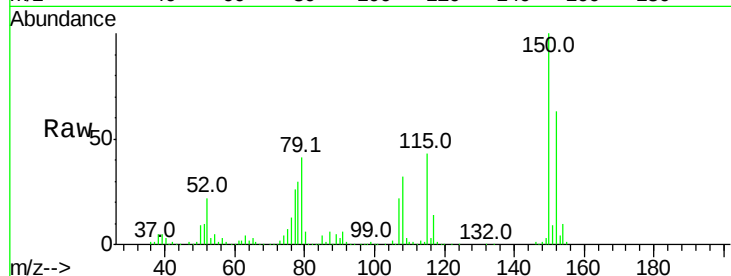
#15
Benzyl Alcohol
Concen: 37.33 ng
RT: 6.02 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.9	63.4	95.0
77	62.5	49.2	73.8

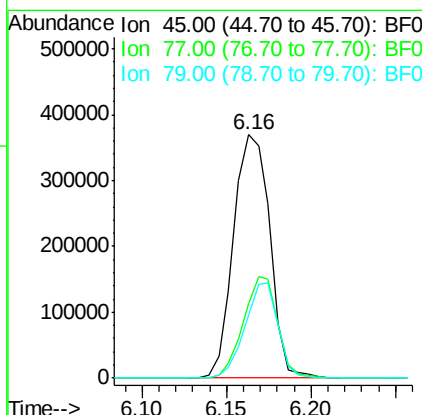
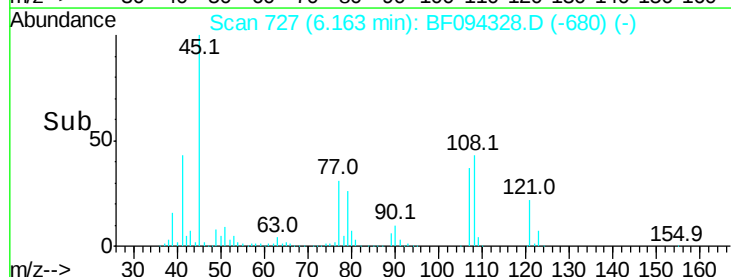
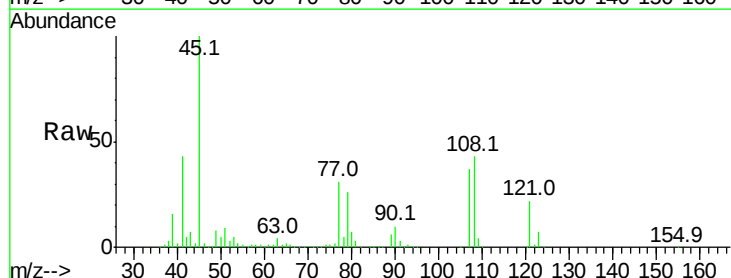
Manual Integrations
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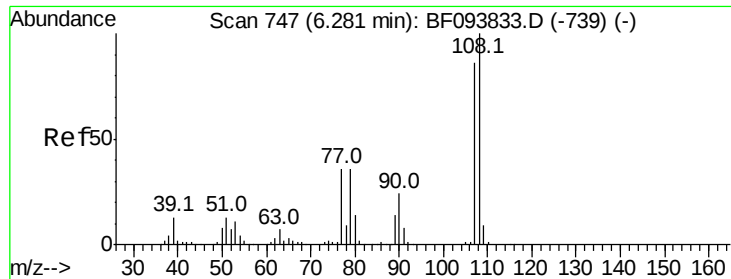
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.17 ng
RT: 6.16 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	30.5	0.0	33.2
79	26.1	0.0	30.0





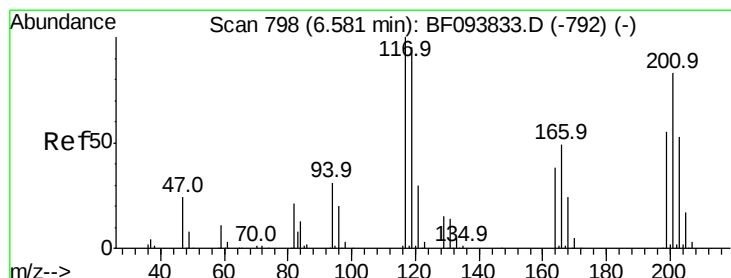
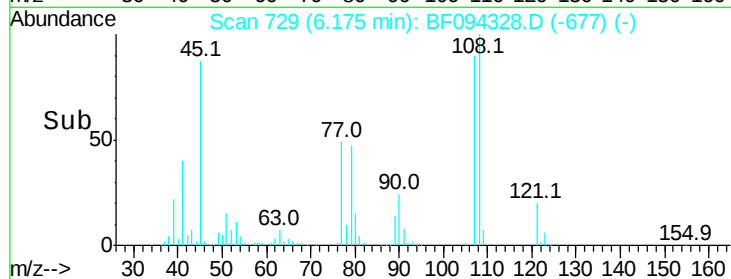
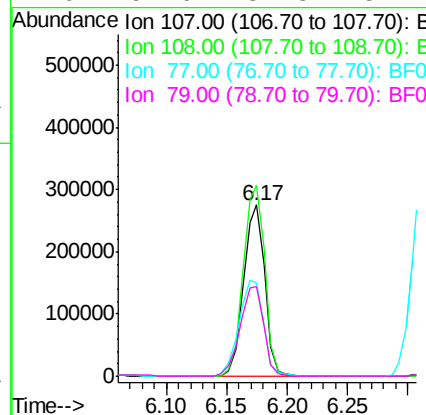
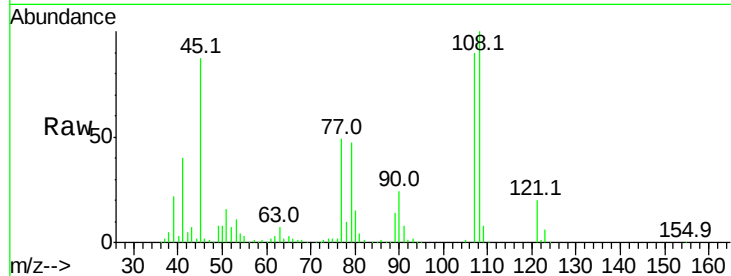
#17
2-Methylphenol
Concen: 39.75 ng
RT: 6.17 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.4	93.4	140.0	
77	54.5	35.8	53.6#	
79	52.6	34.8	52.2#	

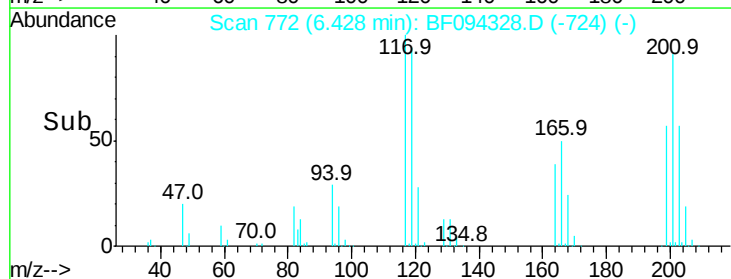
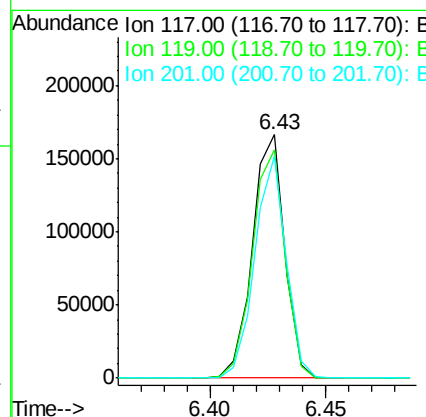
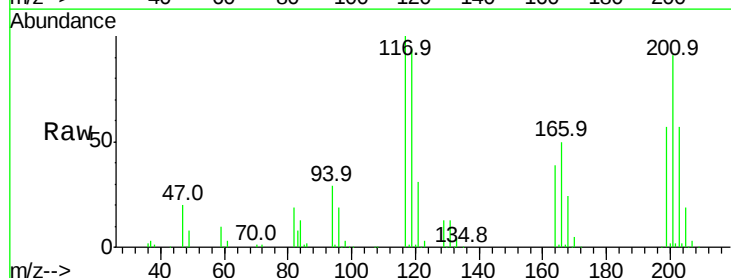
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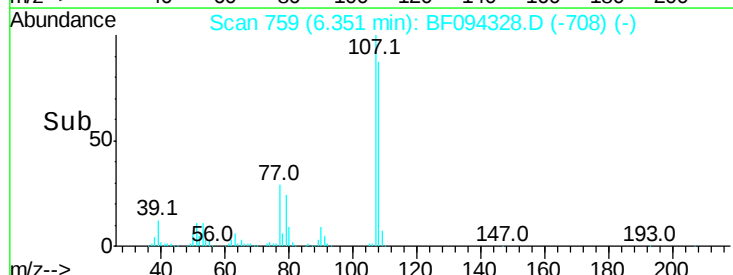
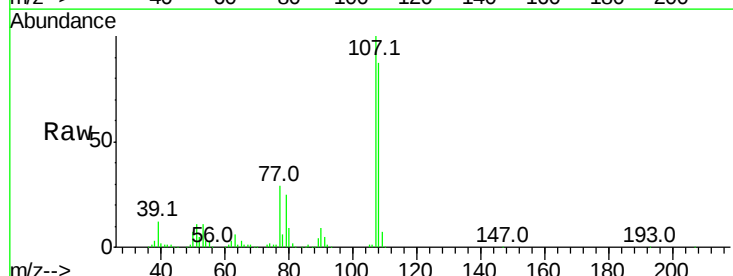
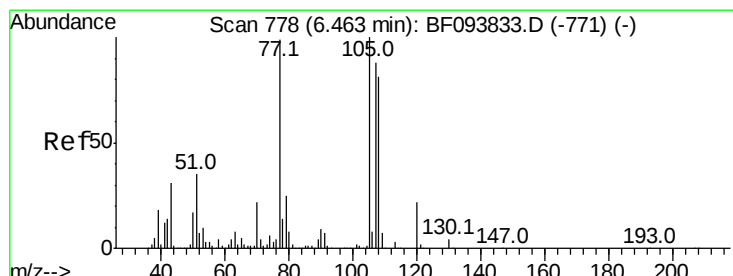
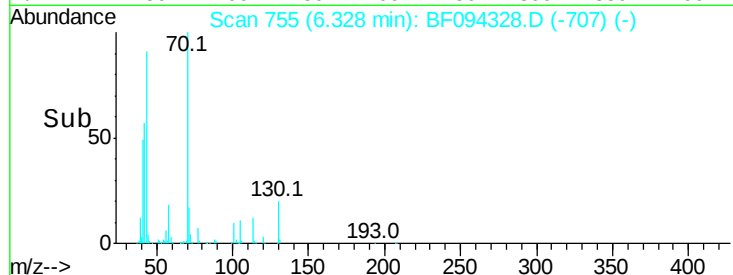
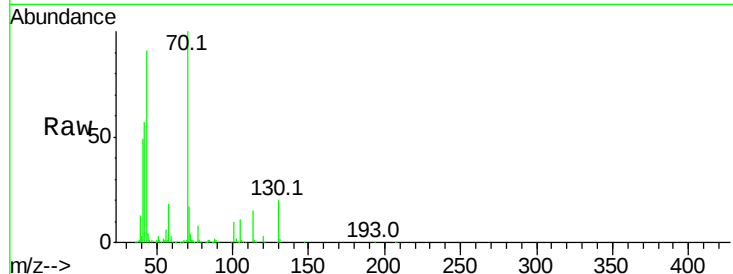
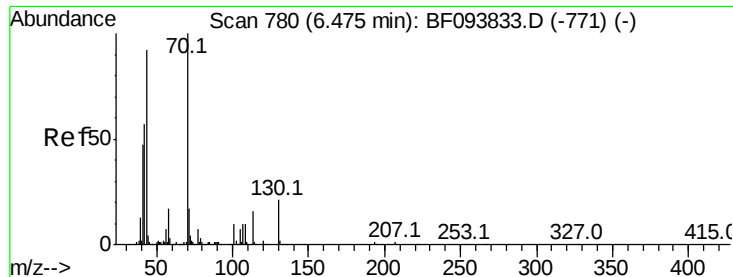
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#18
Hexachloroethane
Concen: 40.90 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.0	77.4	116.0	
201	91.2	94.6	141.8#	





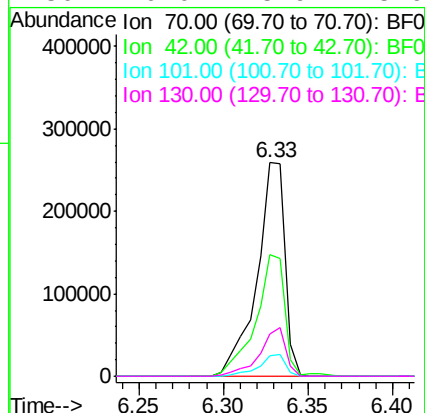
#19
n-Nitroso-di-n-propylamine
Concen: 41.84 ng
RT: 6.33 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.2	47.2	70.8
101	9.7	7.2	10.8
130	20.0	15.9	23.9

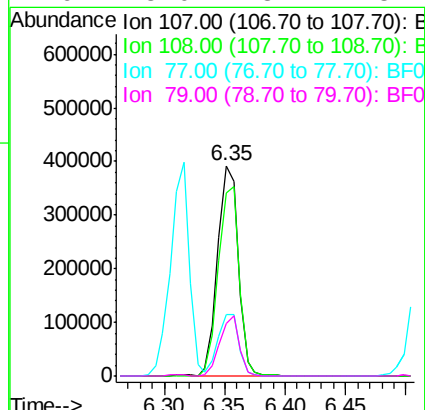
Manual Integrations
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#20
3+4-Methylphenols
Concen: 45.26 ng
RT: 6.35 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	71.0	111.0
77	29.5	90.5	130.5#
79	25.0	8.4	48.4





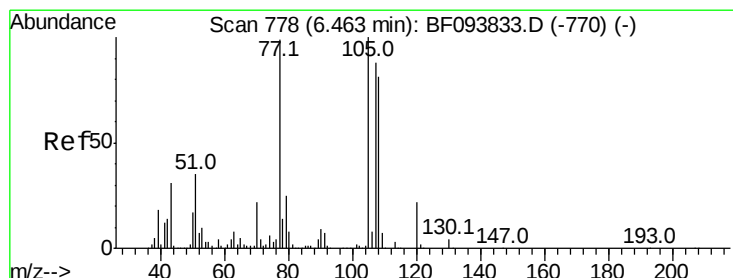
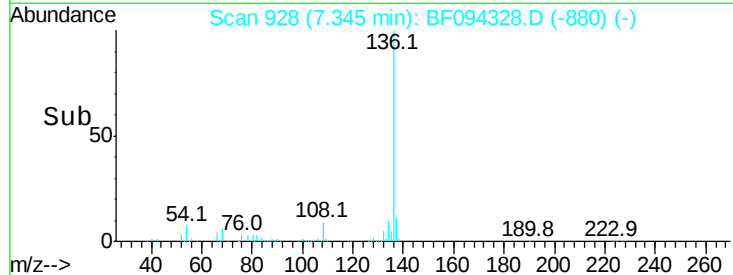
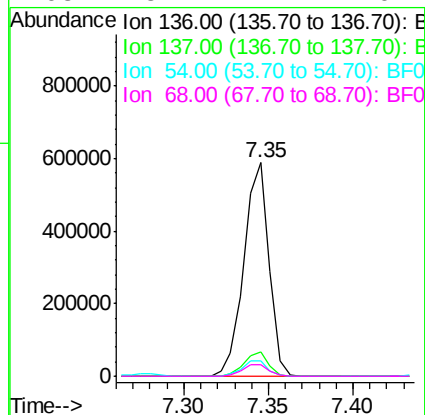
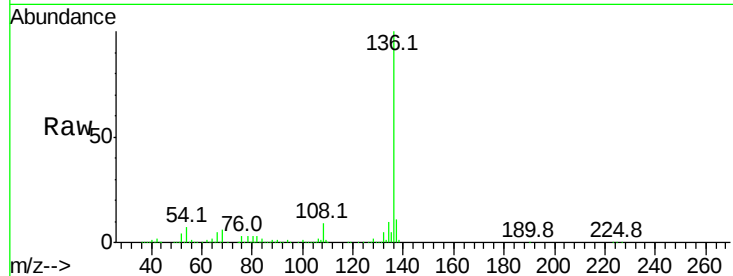
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.35 min Scan# 928
Delta R.T. -0.02 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	609330		
137	11.2		8.5	12.7
54	7.1		4.9	7.3
68	5.7		4.1	6.1

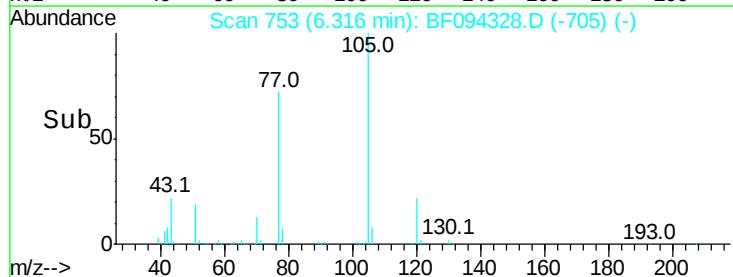
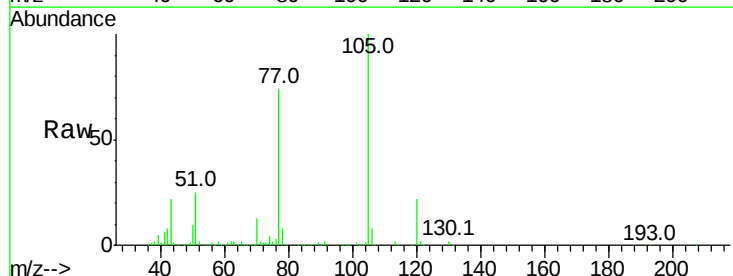
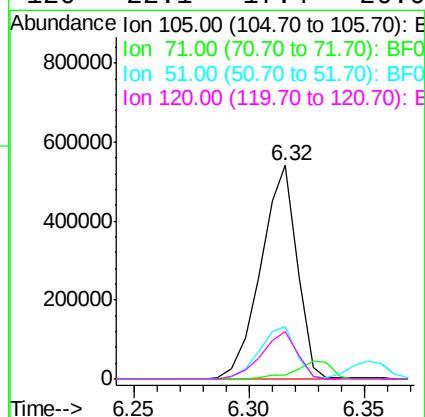
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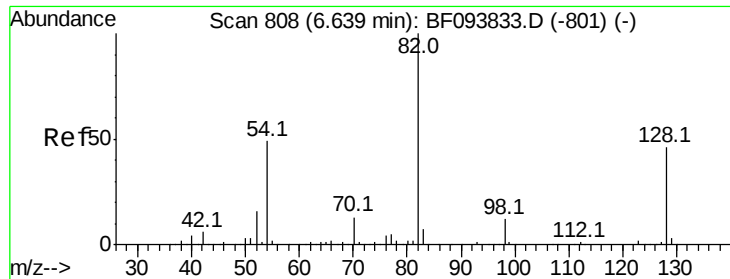
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#22
Acetophenone
Concen: 43.40 ng
RT: 6.32 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	589448		
71	2.0		2.8	4.2#
51	24.7		30.7	46.1#
120	22.1		17.4	26.0





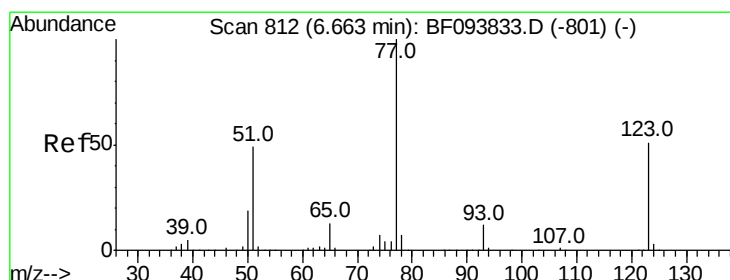
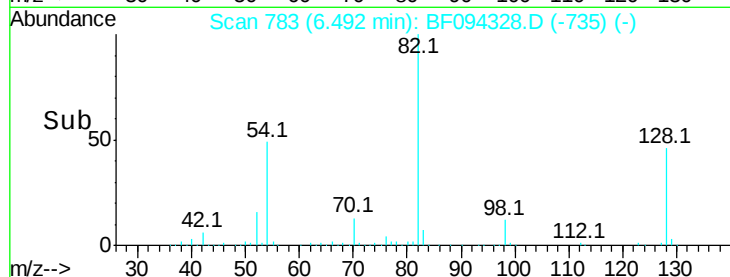
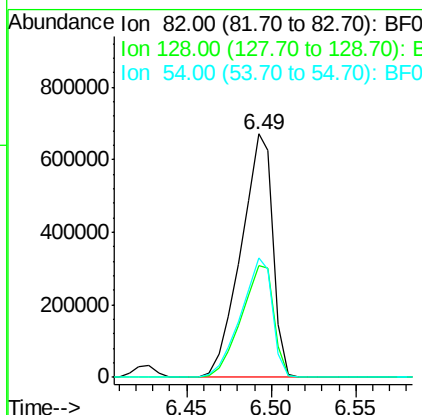
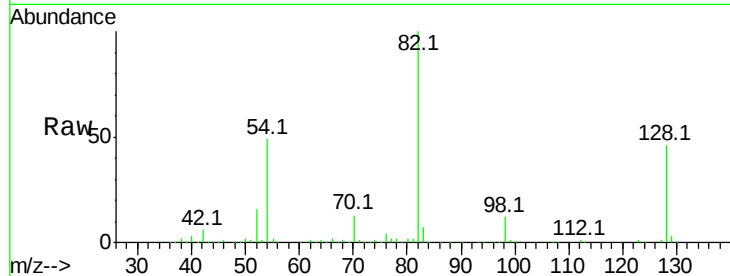
#23
Nitrobenzene-d5
Concen: 82.78 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.8	34.0	51.0	
54	49.2	42.2	63.2	

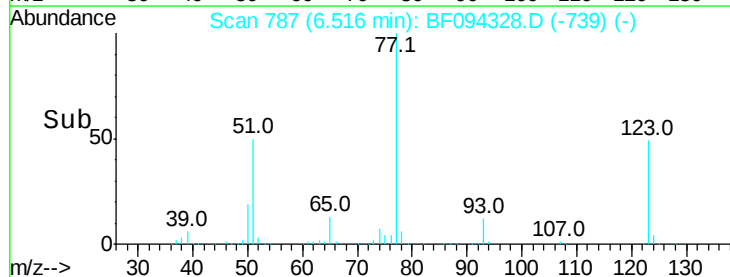
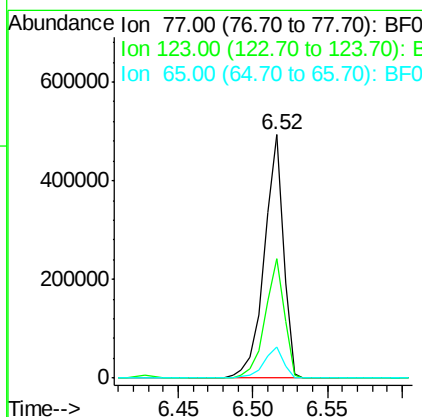
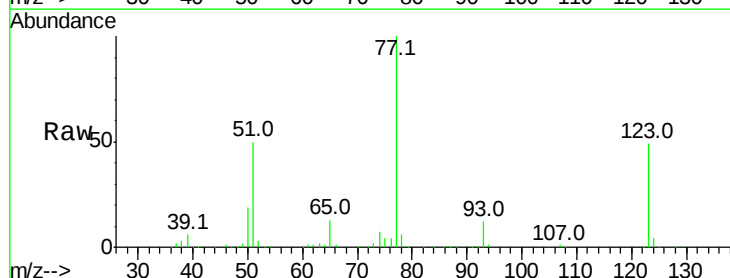
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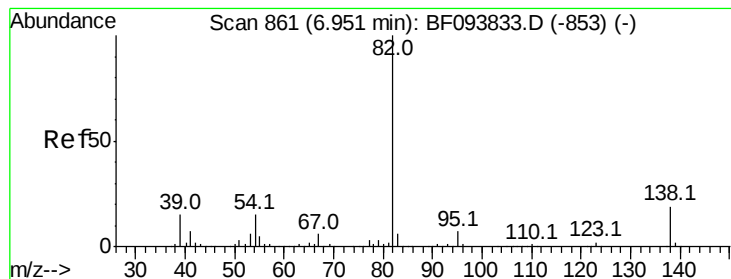
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#24
Nitrobenzene
Concen: 41.09 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.9	35.8	53.8	
65	13.0	10.6	15.8	





#25

Isophorone

Concen: 39.94 ng

RT: 6.80 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF094328.D

Acq: 11 Apr 2017 00:23

Instrument :

BNA_F

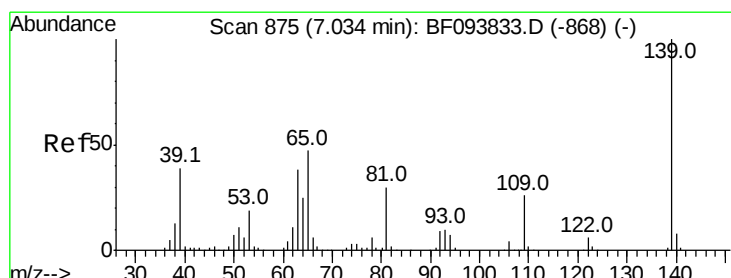
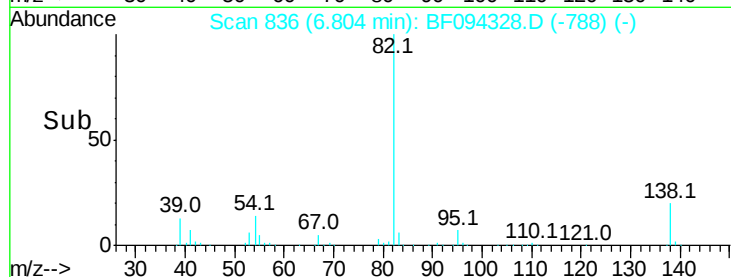
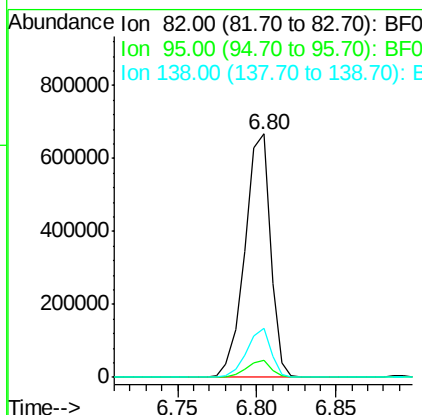
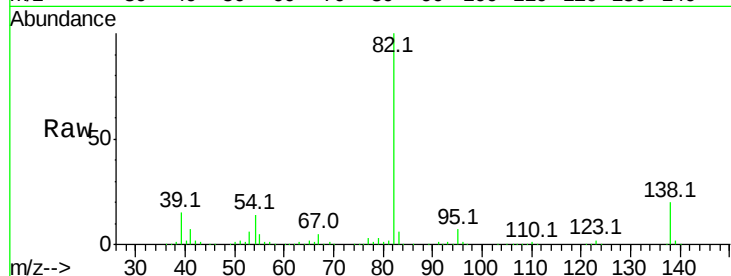
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	749414
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	20.0	13.1	19.7#

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.09 ng

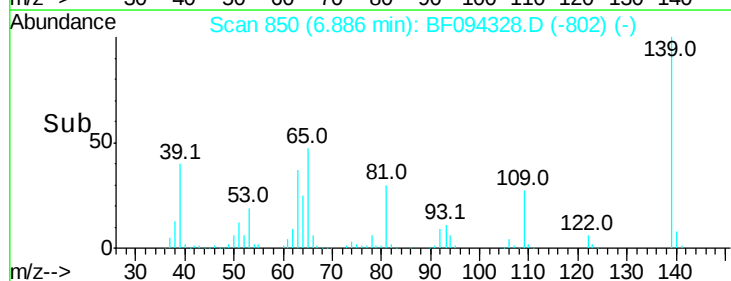
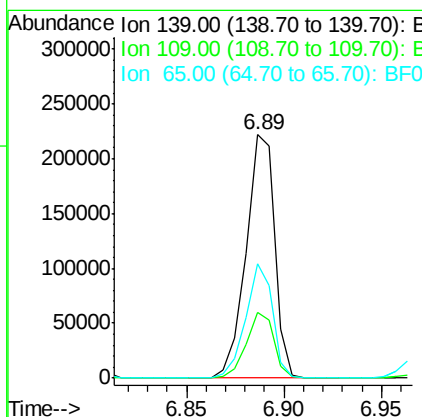
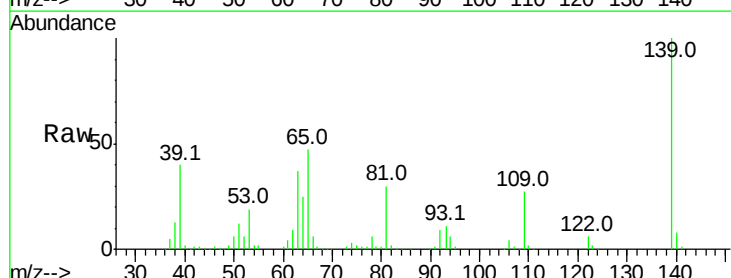
RT: 6.89 min Scan# 850

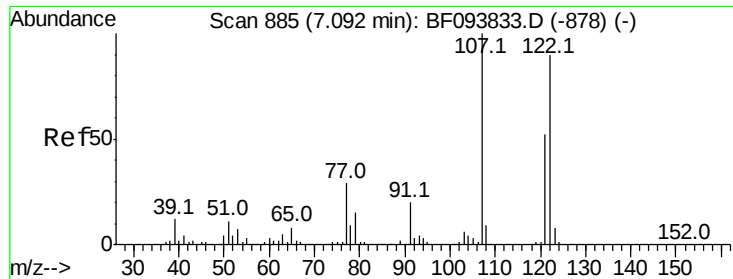
Delta R.T. -0.02 min

Lab File: BF094328.D

Acq: 11 Apr 2017 00:23

Tgt Ion:	139	Resp:	226451
Ion Ratio	Lower	Upper	
139	100		
109	26.8	21.0	31.6
65	46.8	33.0	49.6





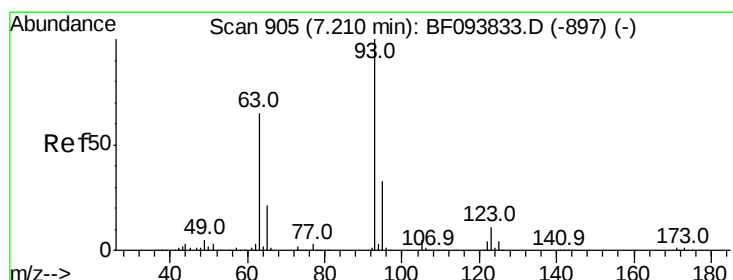
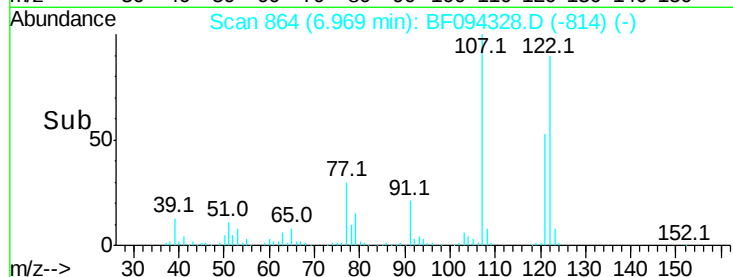
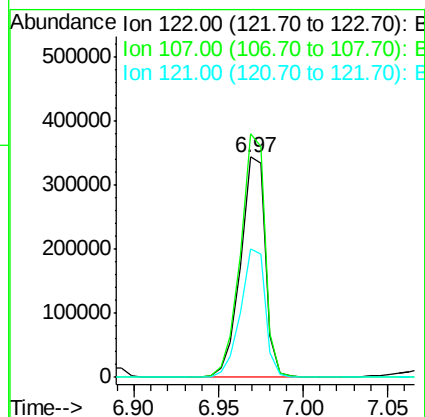
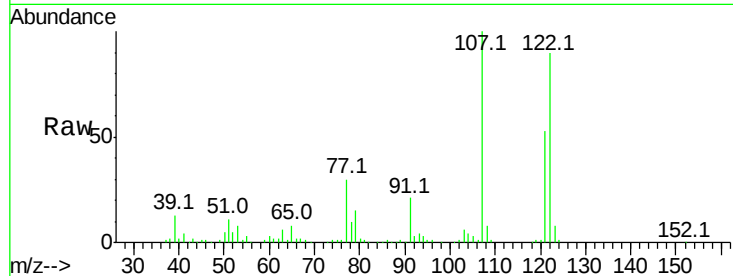
#27
2,4-Dimethylphenol
Concen: 40.65 ng
RT: 6.97 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.7	89.2	133.8
121	58.1	45.2	67.8

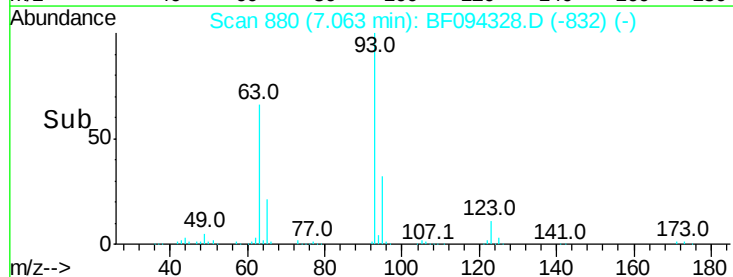
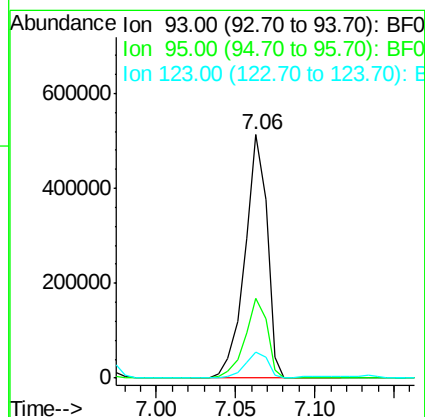
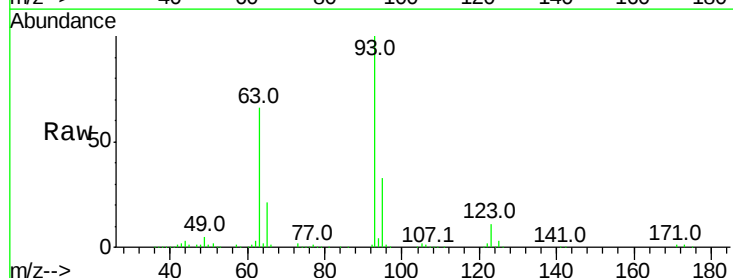
Manual Integrations
APPROVED

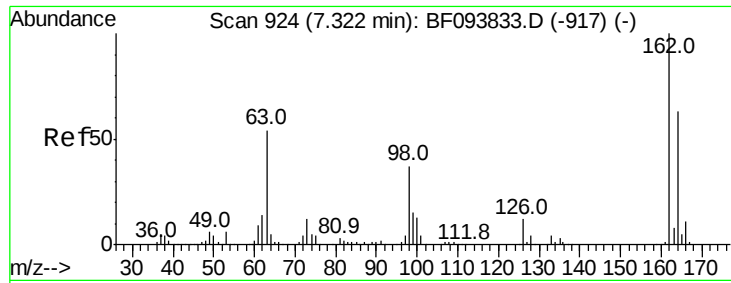
mohammad
4/11/2017 12:53:27 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.09 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	10.8	9.0	13.4





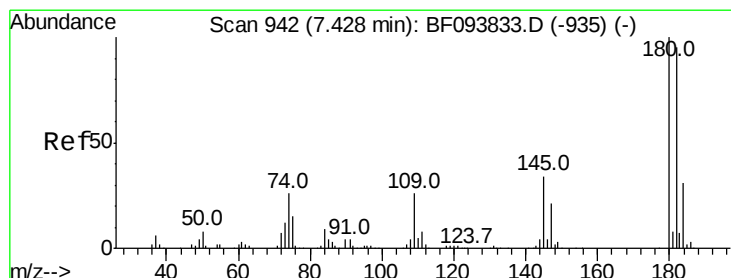
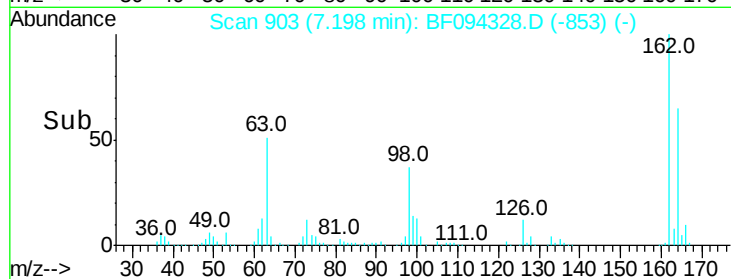
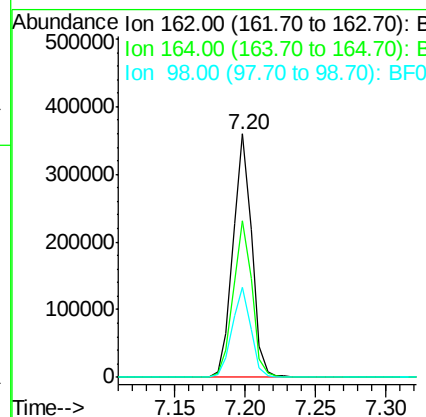
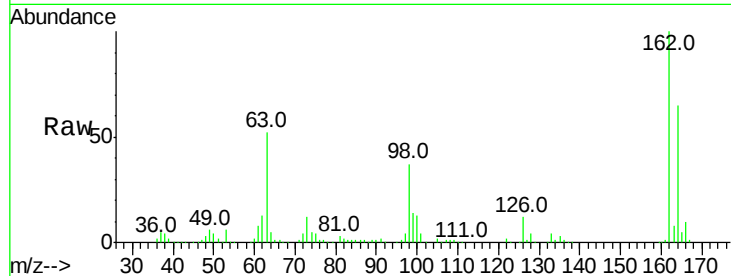
#29
 2,4-Dichlorophenol
 Concen: 41.03 ng
 RT: 7.20 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	331969		
164	64.5	44.6	84.6	
98	36.8	14.8	54.8	

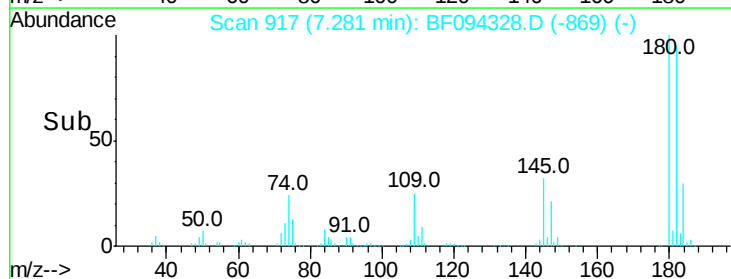
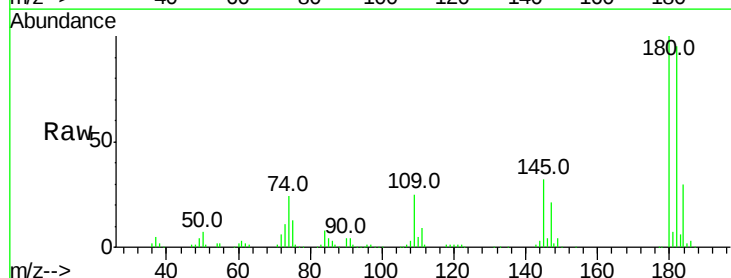
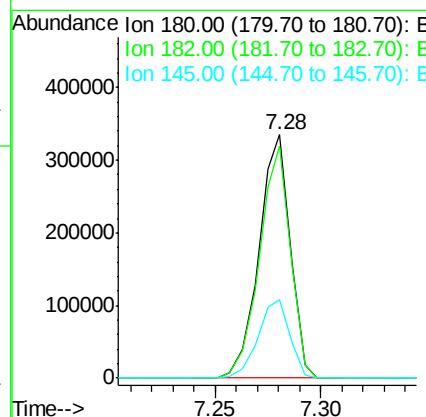
Manual Integrations
 APPROVED

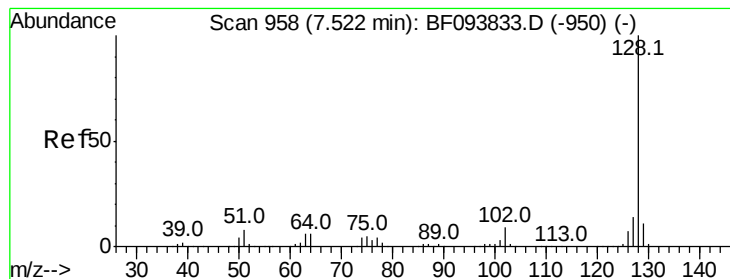
mohammad
 4/11/2017 12:53:27 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.16 ng
 RT: 7.28 min Scan# 917
 Delta R.T. -0.02 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	343005		
182	95.3	75.8	113.6	
145	32.3	25.3	37.9	





#31

Naphthalene

Concen: 40.62 ng

RT: 7.37 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF094328.D

Acq: 11 Apr 2017 00:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1190109

Ion Ratio Lower Upper

128 100

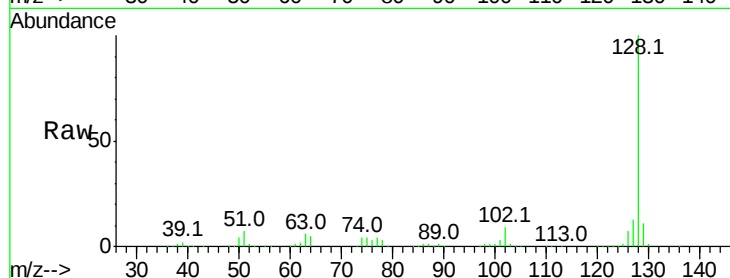
129 11.3 9.0 13.6

127 13.3 10.8 16.2

Manual Integrations
APPROVED

mohammad

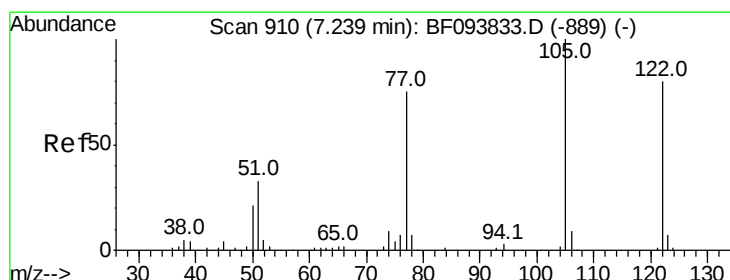
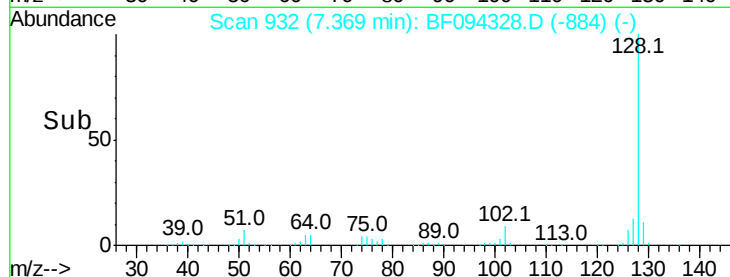
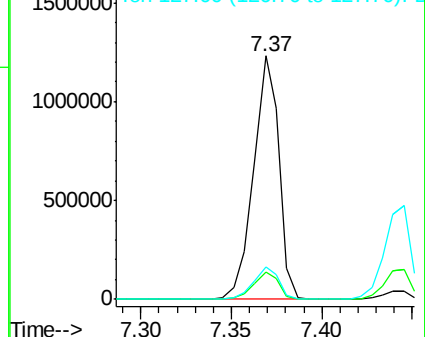
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.89 ng

RT: 7.13 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF094328.D

Acq: 11 Apr 2017 00:23

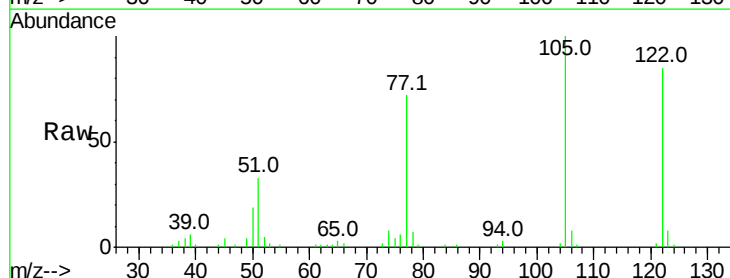
Tgt Ion:122 Resp: 166391

Ion Ratio Lower Upper

122 100

105 117.3 103.3 143.3

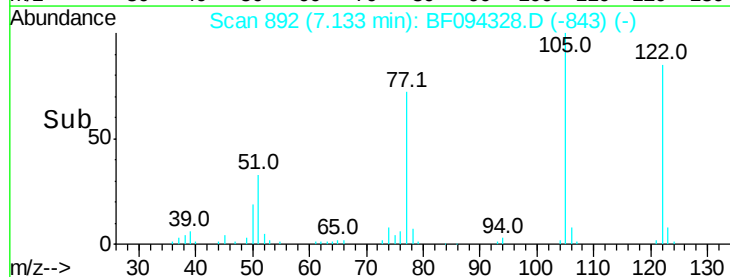
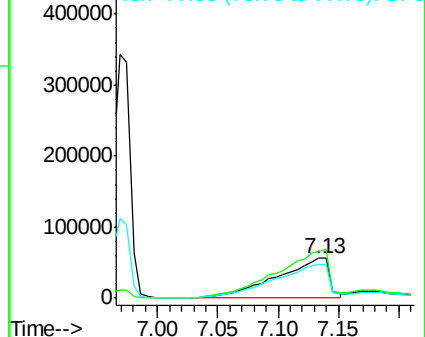
77 84.0 73.7 113.7



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





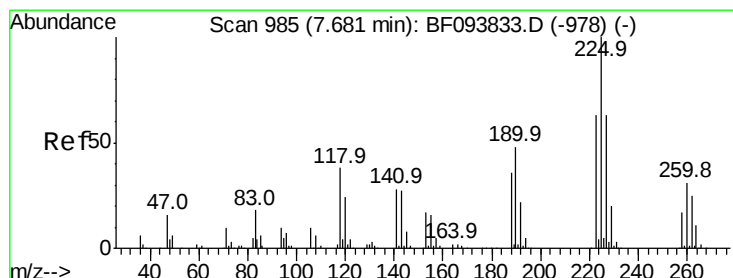
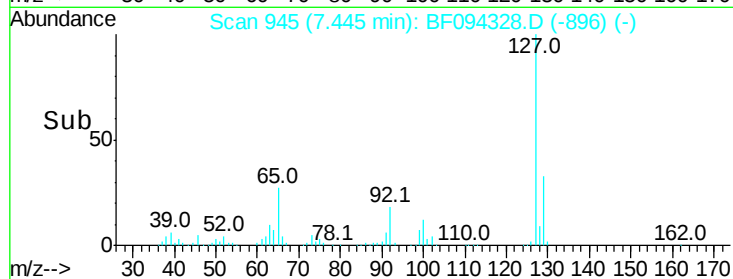
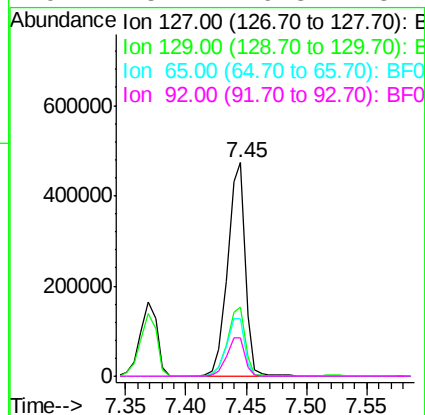
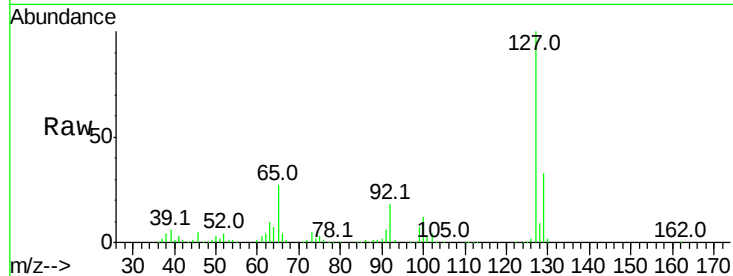
#33
4-Chloroaniline
Concen: 40.39 ng
RT: 7.45 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	26.2	39.2	
65	26.9	27.8	41.8	
92	18.1	16.8	25.2	

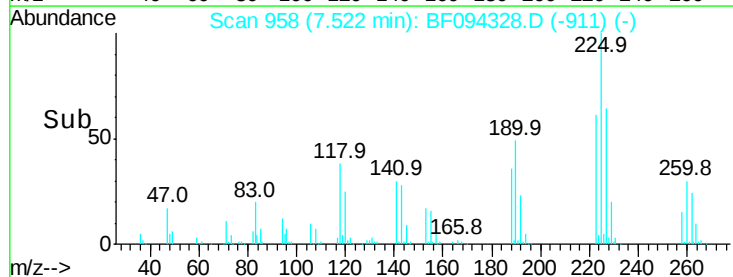
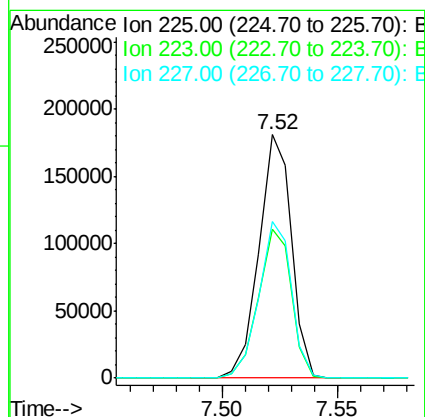
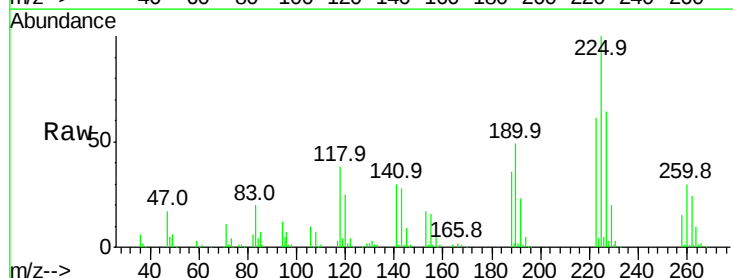
Manual Integrations
APPROVED

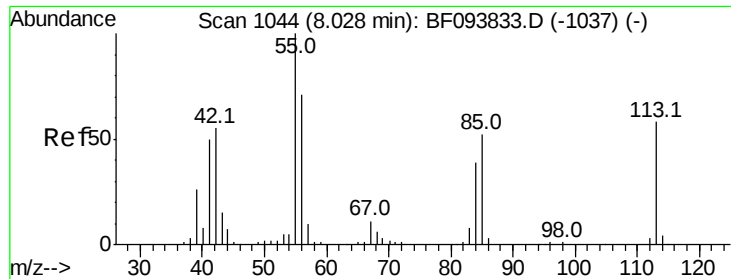
mohammad
4/11/2017 12:53:27 PM



#34
Hexachlorobutadiene
Concen: 41.71 ng
RT: 7.52 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.9	48.8	73.2	
227	64.1	51.1	76.7	





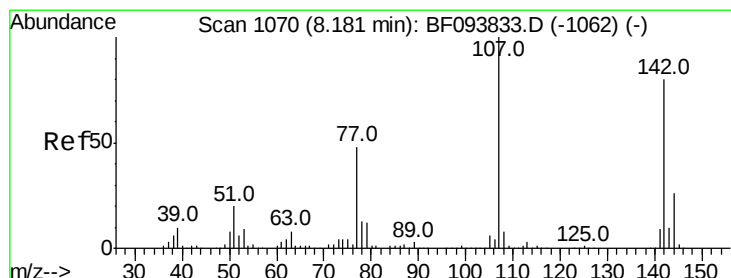
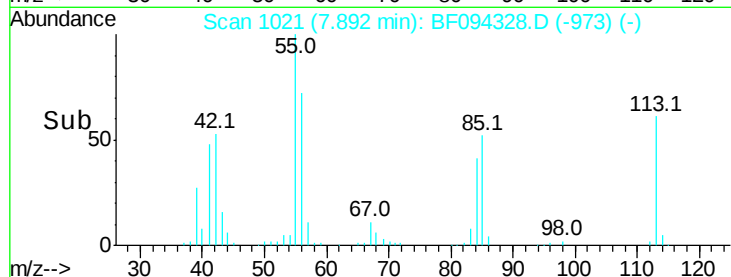
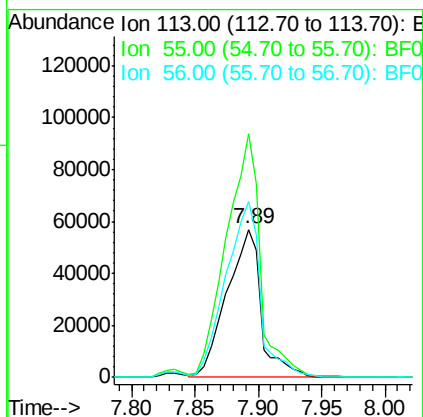
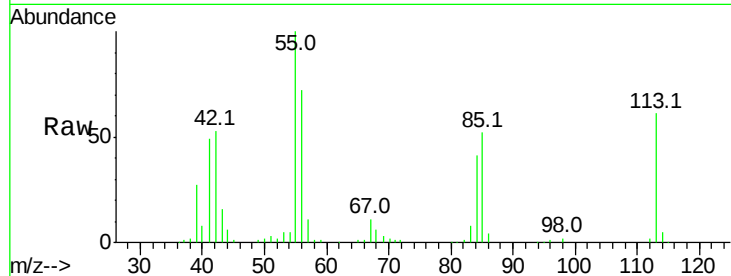
#35
 Caprolactam
 Concen: 41.35 ng
 RT: 7.89 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	164.6	150.2	190.2		
56	119.1	107.8	147.8		

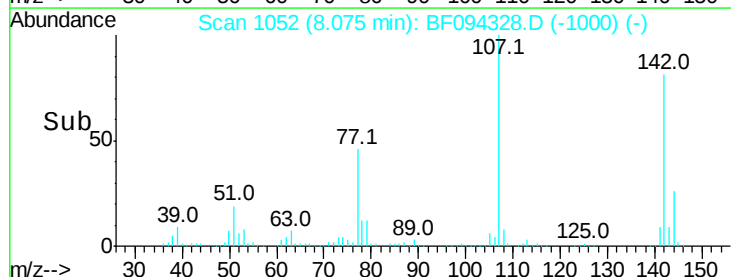
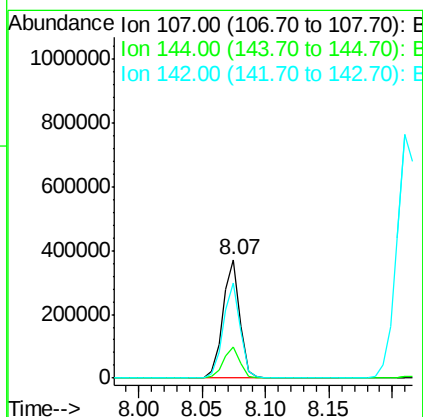
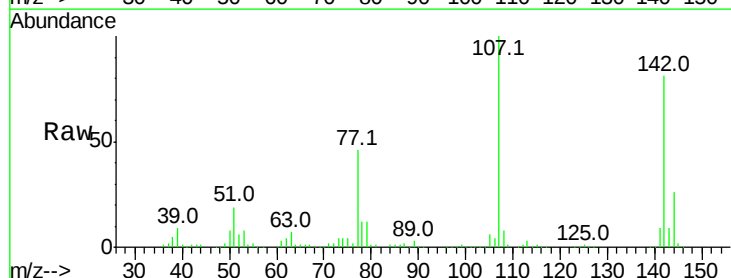
Manual Integrations
 APPROVED

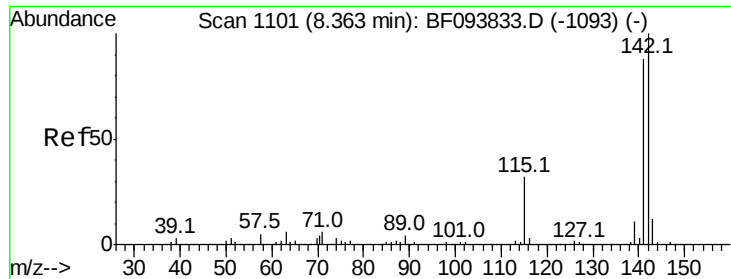
mohammad
 4/11/2017 12:53:27 PM



#36
 4-Chloro-3-methylphenol
 Concen: 40.61 ng
 RT: 8.07 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.1	24.2	36.4		
142	80.7	73.4	110.0		





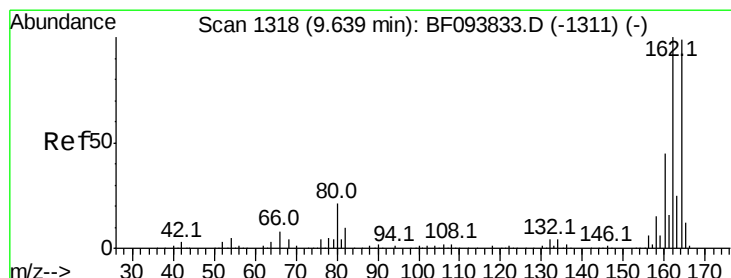
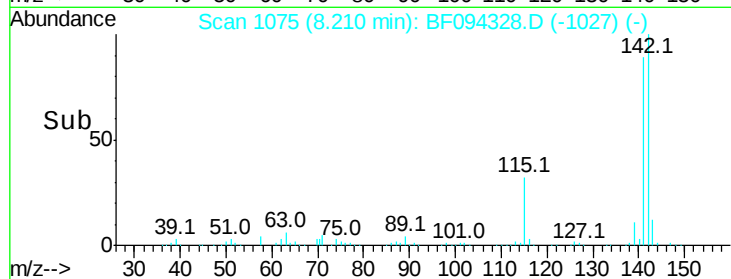
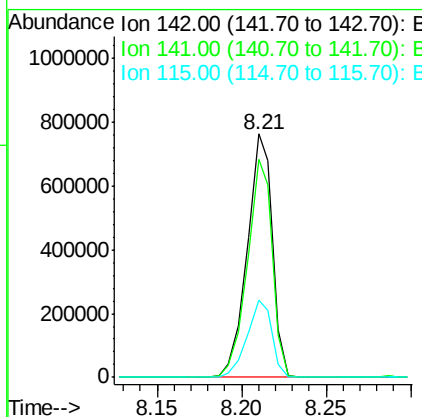
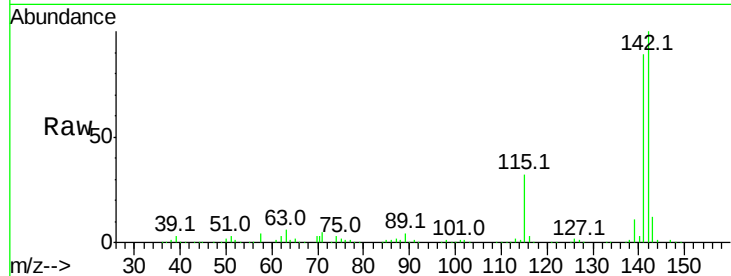
#37
2-Methylnaphthalene
Concen: 40.75 ng
RT: 8.21 min Scan# 1075
Delta R.T. -0.02 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.3	106.9
115	31.8	27.1	40.7

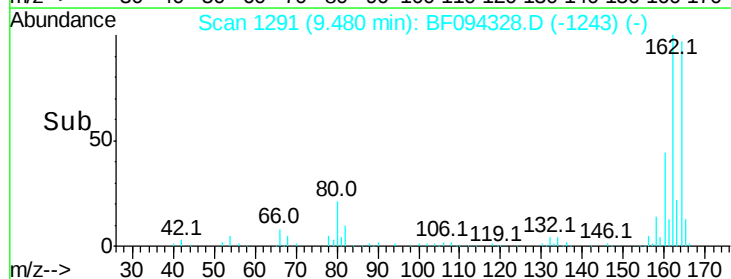
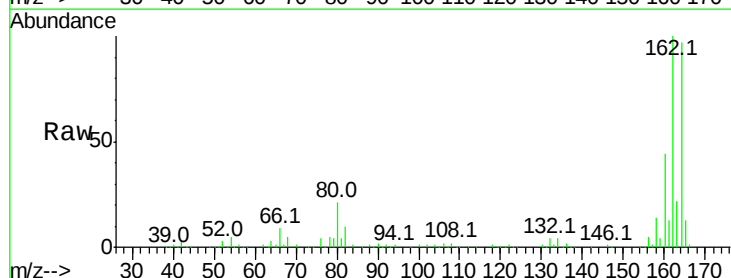
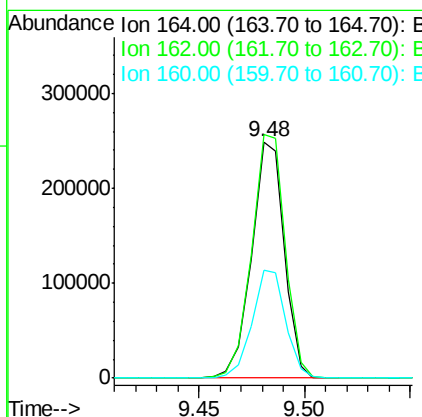
Manual Integrations
APPROVED

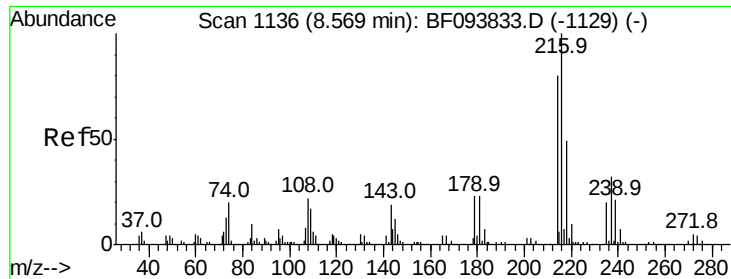
mohammad
4/11/2017 12:53:27 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.48 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	45.5	36.2	54.2





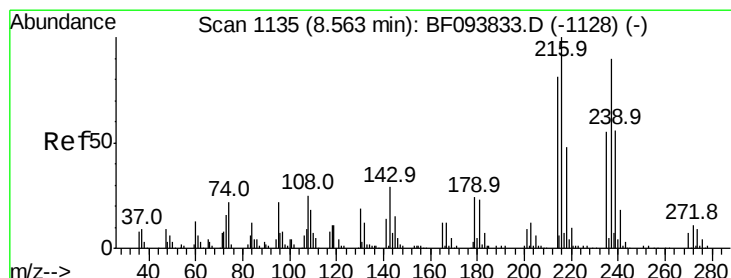
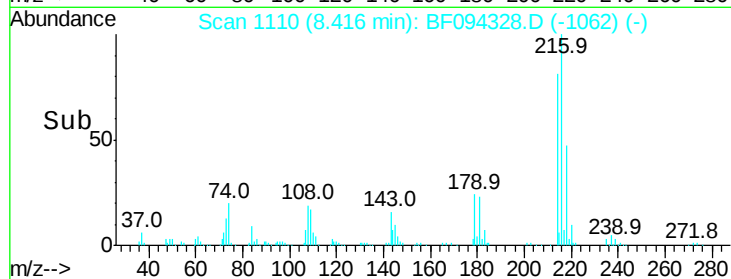
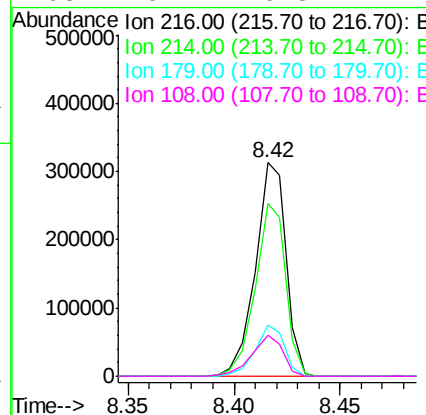
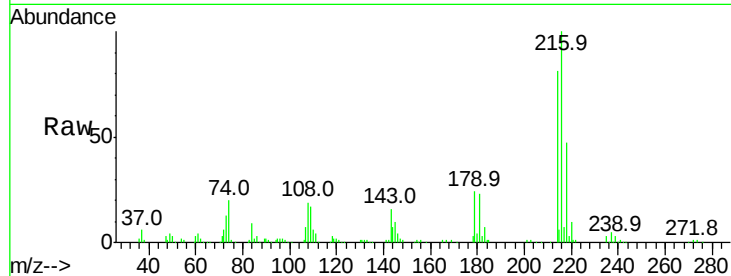
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.41 ng
 RT: 8.42 min Scan# 1110
 Delta R.T. -0.02 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	317753		
214	79.9	63.4	95.2	
179	22.9	17.9	26.9	
108	19.4	16.5	24.7	

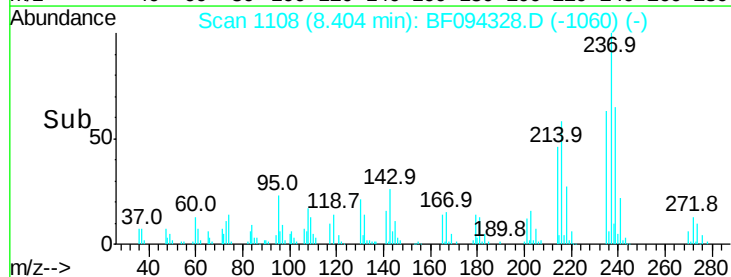
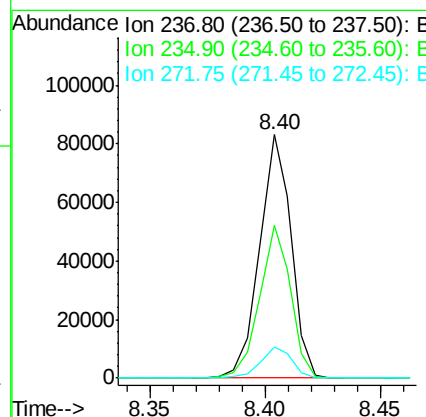
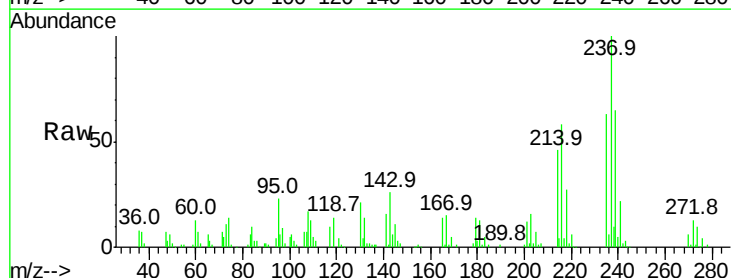
Manual Integrations
 APPROVED

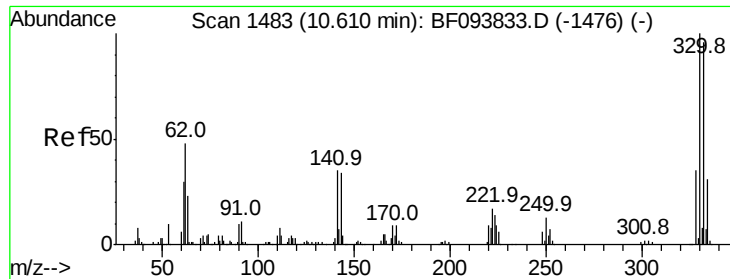
mohammad
 4/11/2017 12:53:27 PM



#40
 Hexachlorocyclopentadiene
 Concen: 23.10 ng
 RT: 8.40 min Scan# 1108
 Delta R.T. -0.02 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	79117		
235	62.7	42.6	82.6	
272	12.5	0.0	31.9	





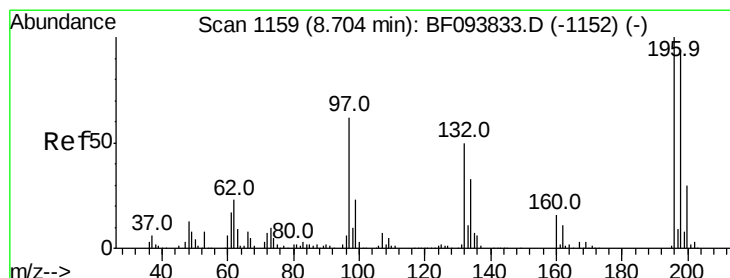
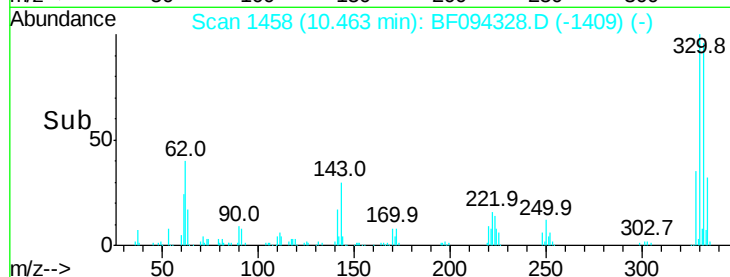
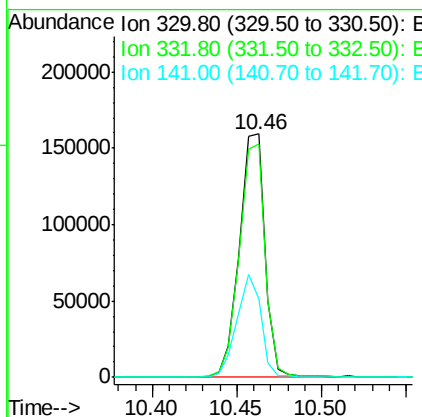
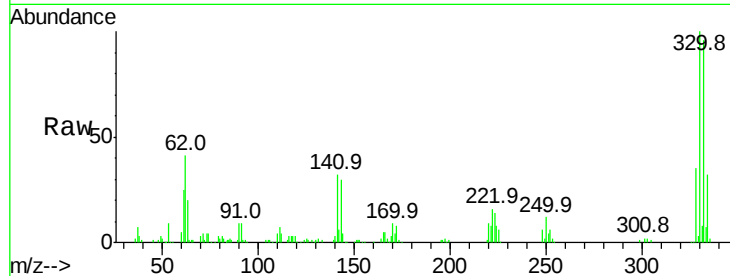
#41
 2,4,6-Tribromophenol
 Concen: 80.15 ng
 RT: 10.46 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	169456		
332	96.4	76.6	115.0	
141	39.5	31.4	47.2	

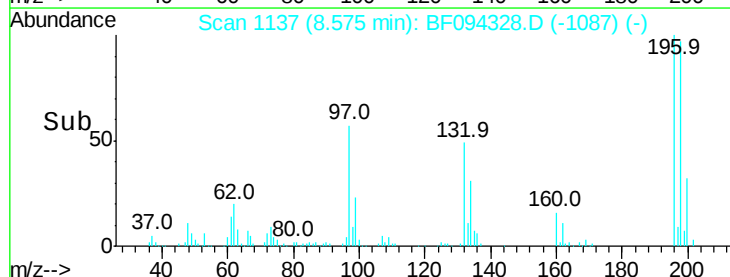
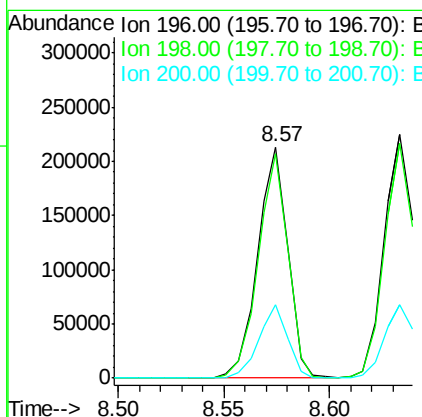
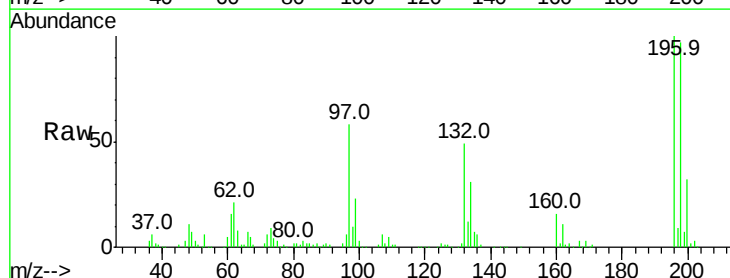
Manual Integrations
 APPROVED

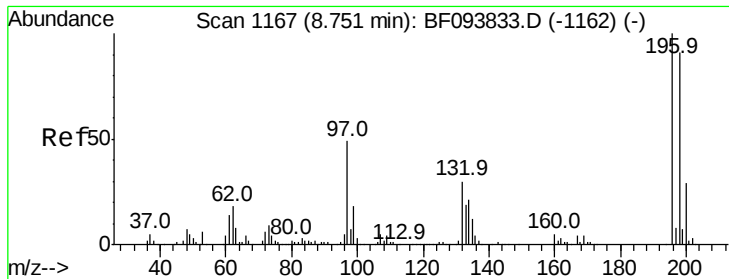
mohammad
 4/11/2017 12:53:27 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.99 ng
 RT: 8.57 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	212239		
198	97.1	74.2	111.4	
200	31.6	24.0	36.0	





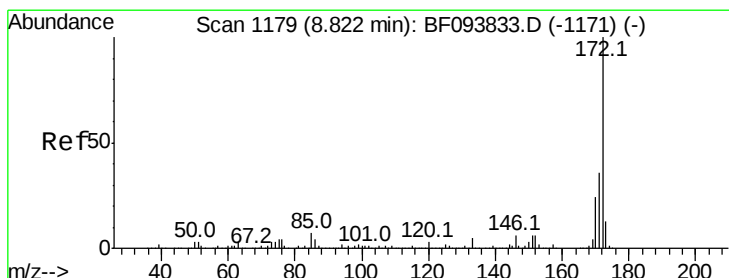
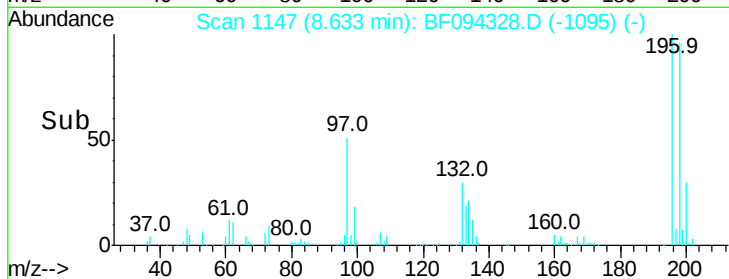
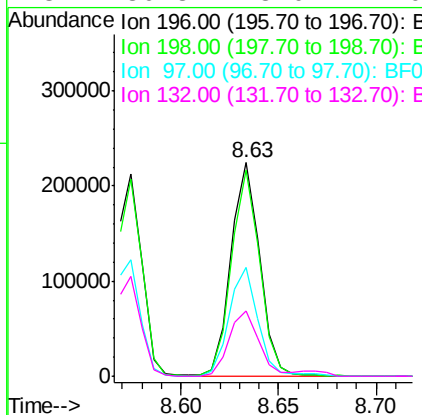
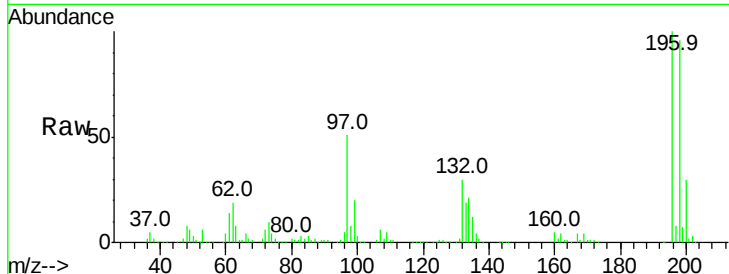
#43
 2,4,5-Trichlorophenol
 Concen: 40.82 ng
 RT: 8.63 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	196	Resp	228707
Ion Ratio	Lower	Upper	
196	100		
198	96.2	75.7	113.5
97	51.1	47.7	71.5
132	30.3	28.0	42.0

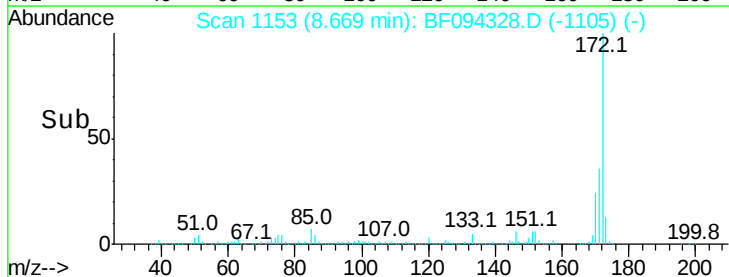
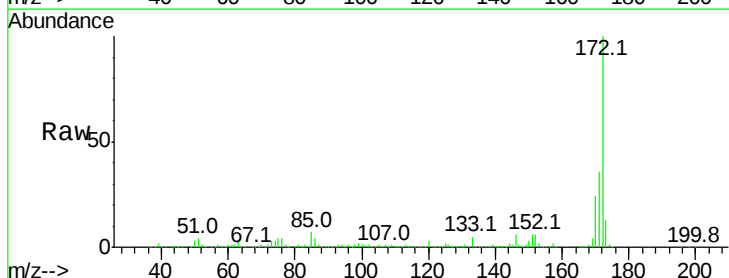
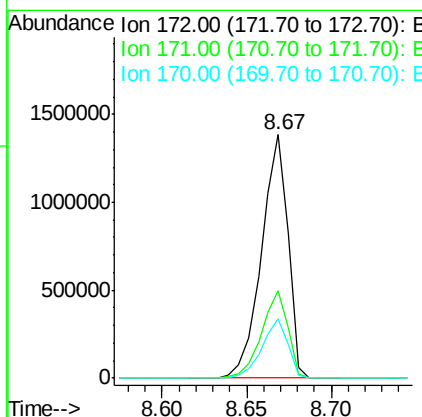
Manual Integrations
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 4/11/2017 12:53:27 PM



#44
 2-Fluorobiphenyl
 Concen: 84.95 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Tgt Ion	172	Resp	1490058
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.6	44.4
170	24.1	19.8	29.8





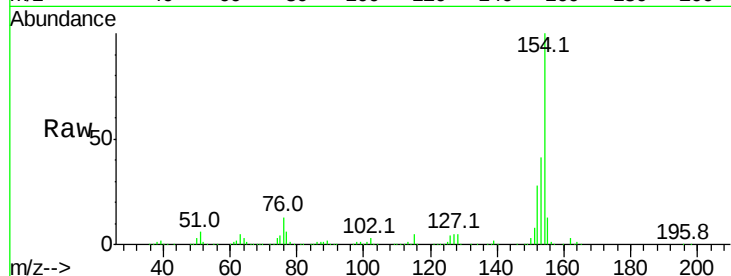
#45
 1,1'-Biphenyl
 Concen: 41.45 ng
 RT: 8.79 min Scan# 1173
 Delta R.T. -0.02 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

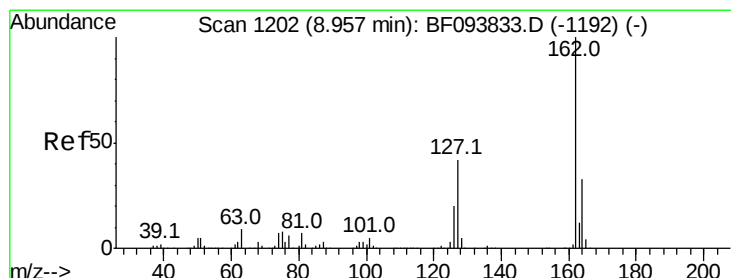
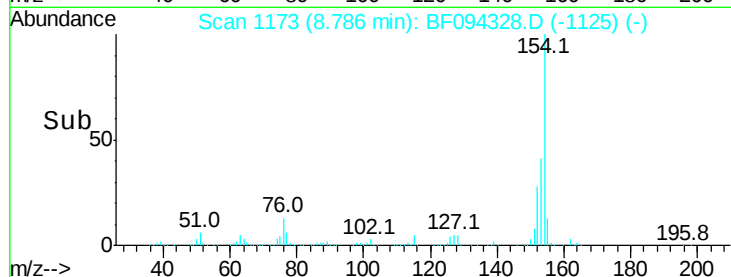
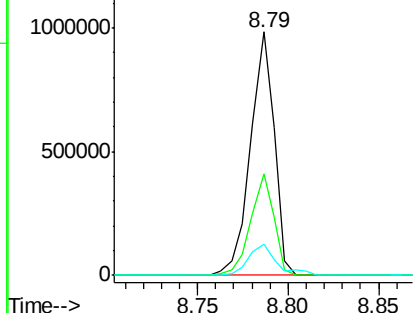
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.5	21.2	61.2	
76	13.0	0.0	29.9	

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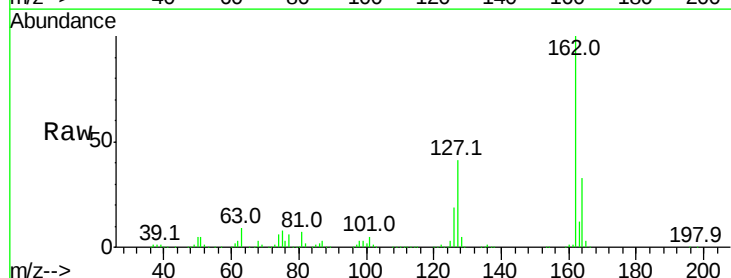


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

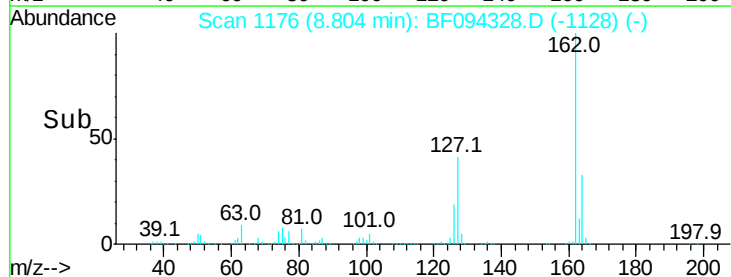
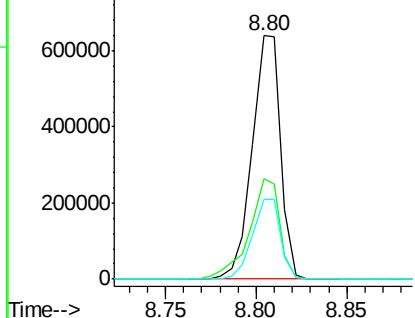


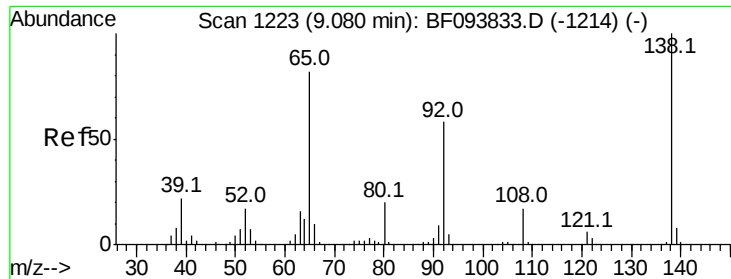
#46
 2-Chloronaphthalene
 Concen: 41.23 ng
 RT: 8.80 min Scan# 1176
 Delta R.T. -0.02 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.0	28.3	42.5	
164	32.8	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





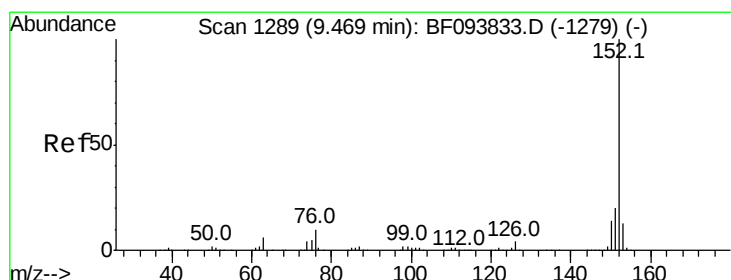
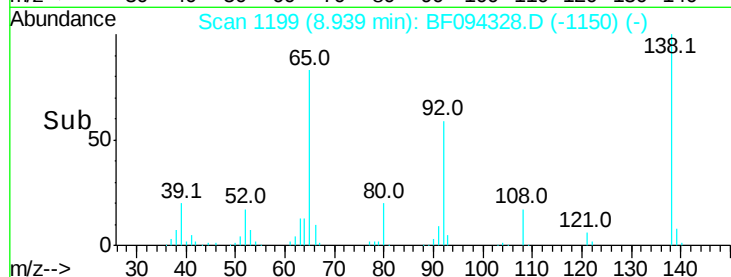
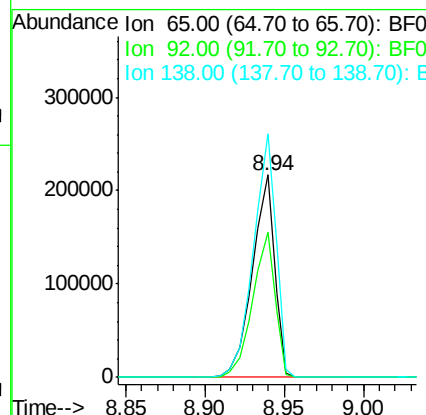
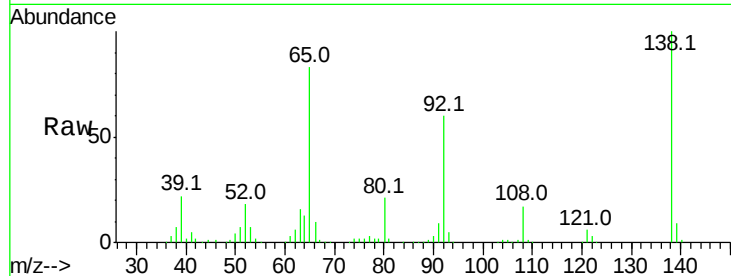
#47
2-Nitroaniline
Concen: 42.26 ng
RT: 8.94 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.8	53.9	80.9
138	120.4	78.8	118.2

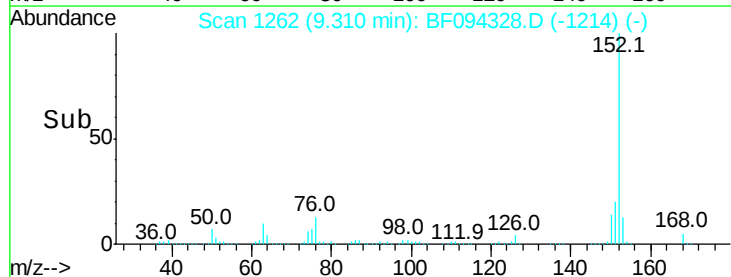
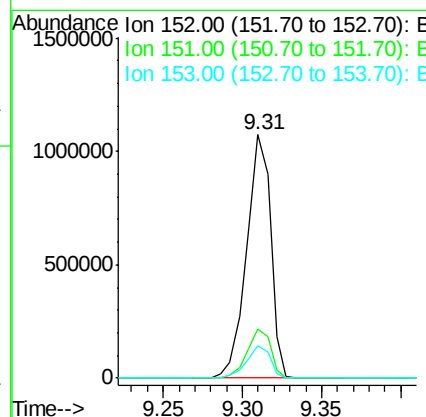
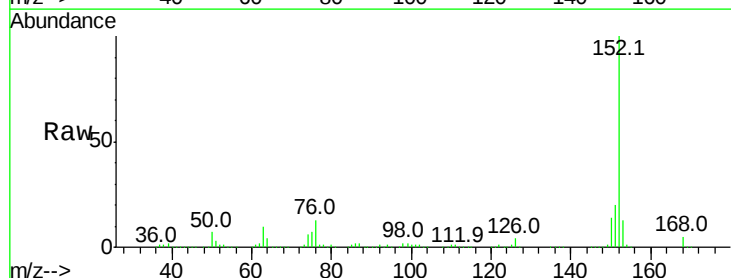
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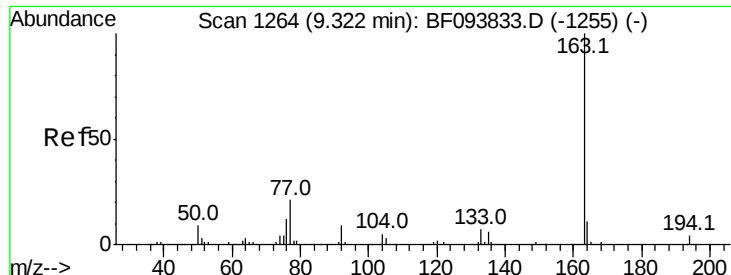
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#48
Acenaphthylene
Concen: 40.13 ng
RT: 9.31 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	13.3	10.8	16.2





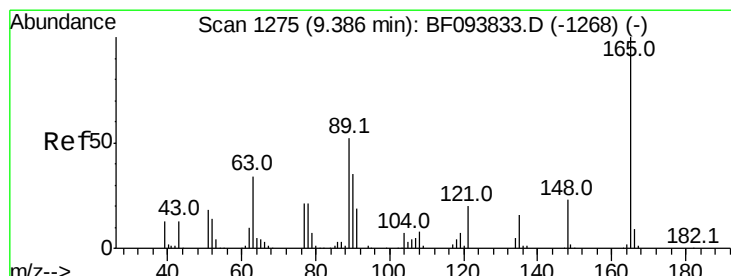
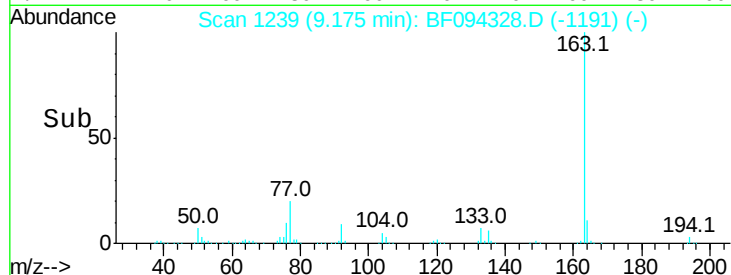
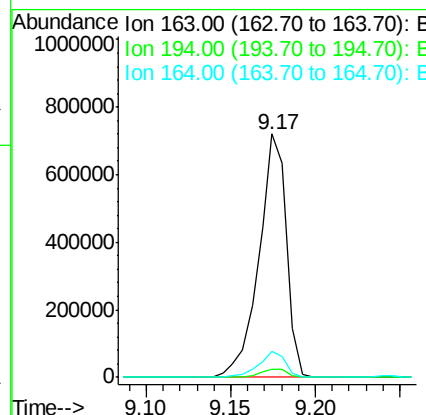
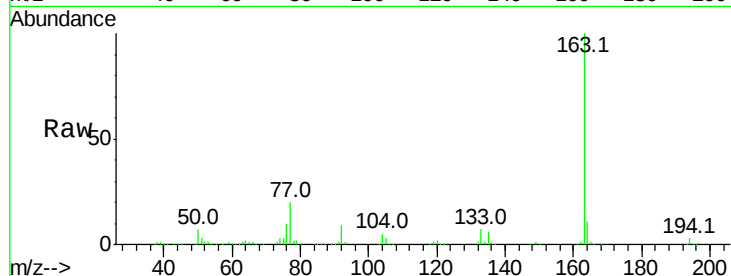
#49
 Dimethylphthalate
 Concen: 42.69 ng
 RT: 9.17 min Scan# 1239
 Delta R.T. -0.02 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	811808		
194	3.5		2.6	4.0
164	10.5		8.4	12.6

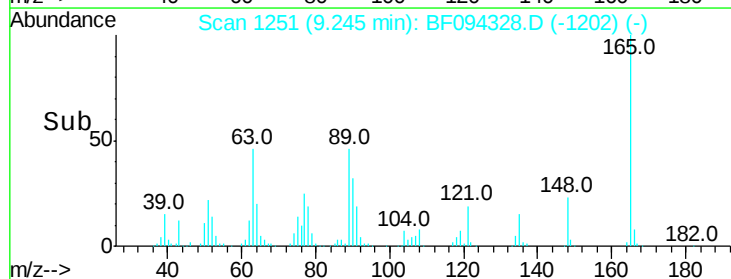
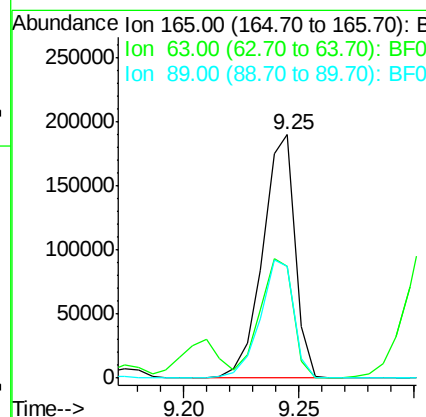
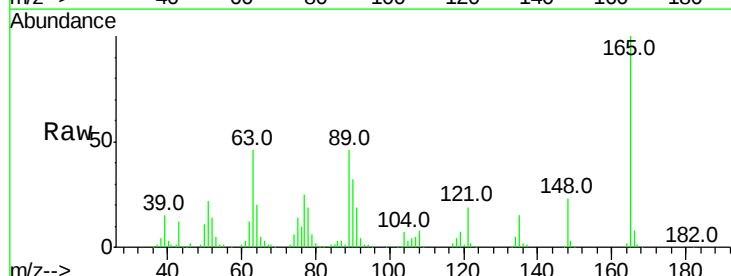
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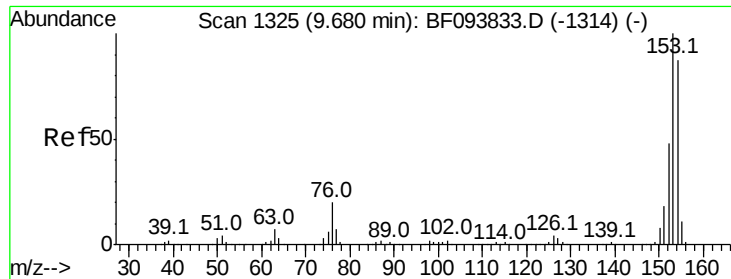
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#50
 2,6-Dinitrotoluene
 Concen: 42.66 ng
 RT: 9.25 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	186006		
63	45.7		34.3	51.5
89	46.0		37.1	55.7





#51

Acenaphthene

Concen: 39.84 ng

RT: 9.53 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF094328.D

Acq: 11 Apr 2017 00:23

Instrument :

BNA_F

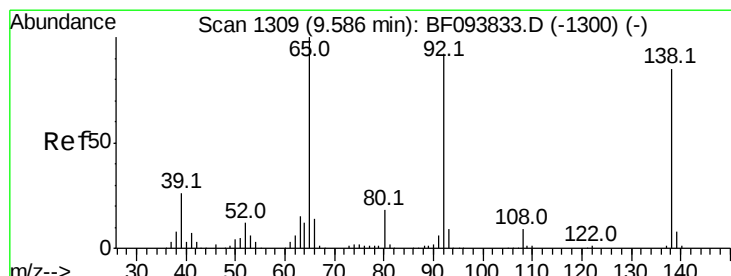
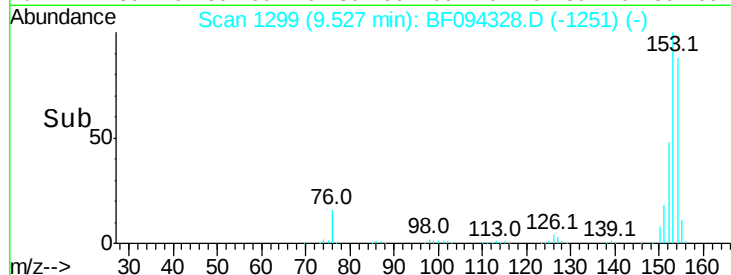
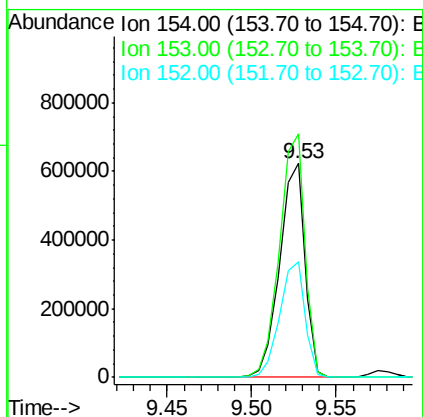
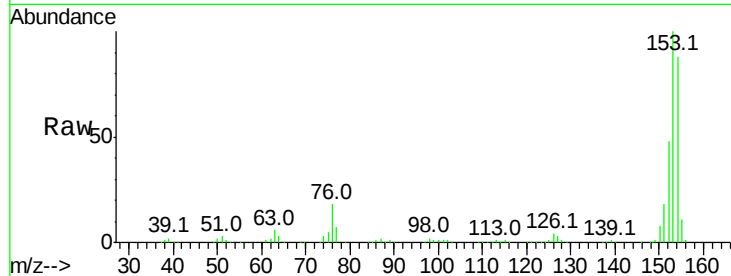
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	652683
Ion Ratio	Lower	Upper	
154	100		
153	114.0	90.5	135.7
152	54.2	43.6	65.4

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#52

3-Nitroaniline

Concen: 41.17 ng

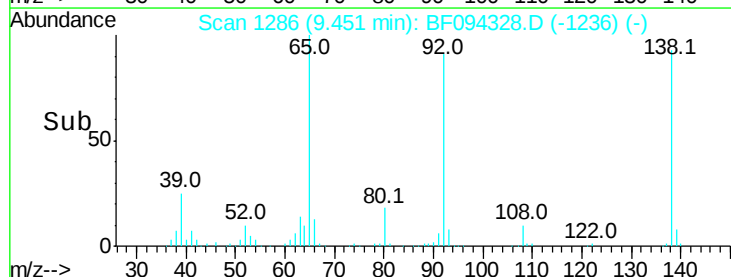
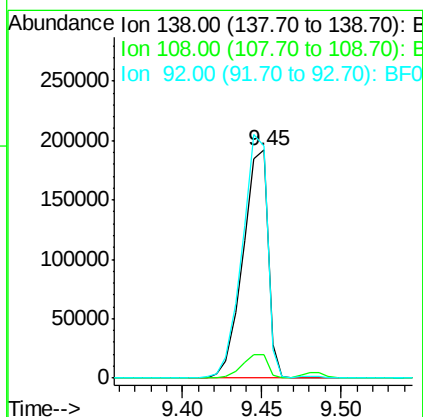
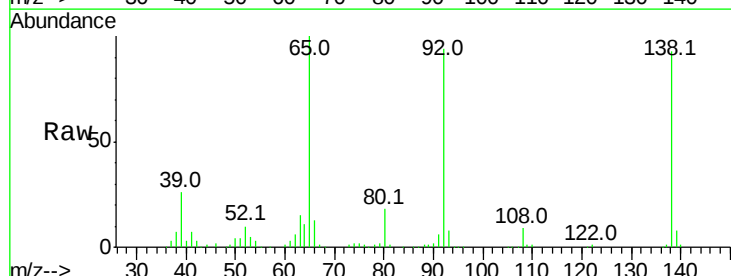
RT: 9.45 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF094328.D

Acq: 11 Apr 2017 00:23

Tgt Ion:	138	Resp:	210776
Ion Ratio	Lower	Upper	
138	100		
108	10.2	9.1	13.7
92	101.9	93.8	140.6





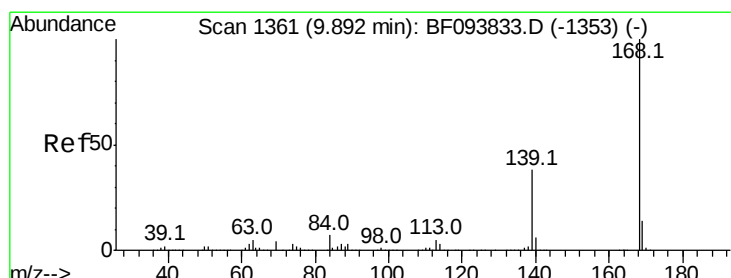
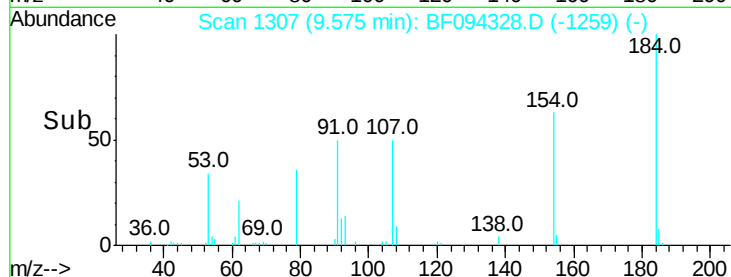
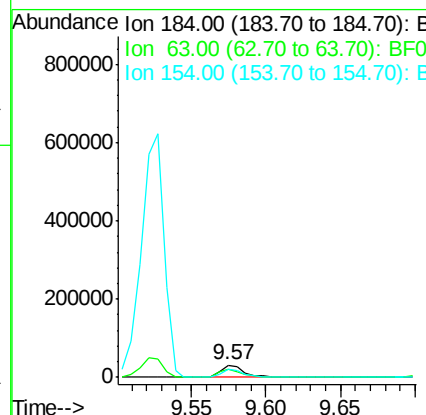
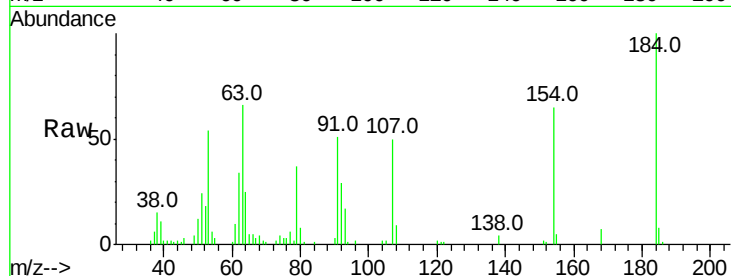
#53
 2,4-Dinitrophenol
 Concen: 19.60 ng
 RT: 9.57 min Scan# 1307
 Delta R.T. -0.02 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	66.3	62.7	94.1
154	65.4	81.1	121.7#

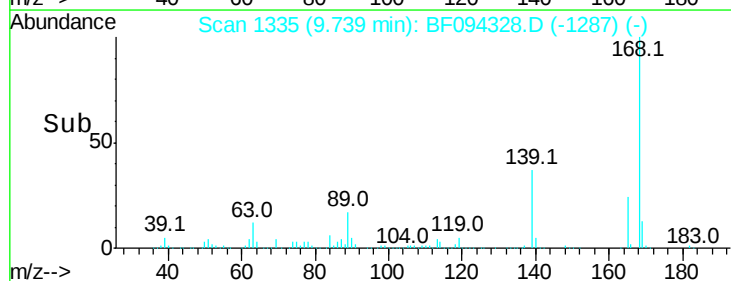
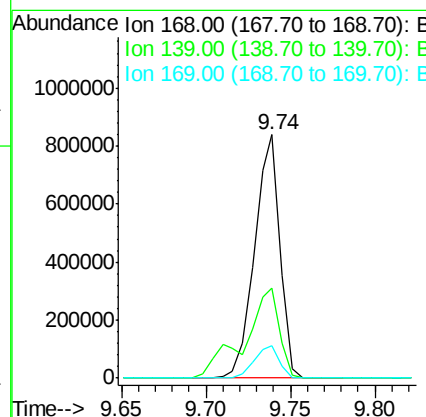
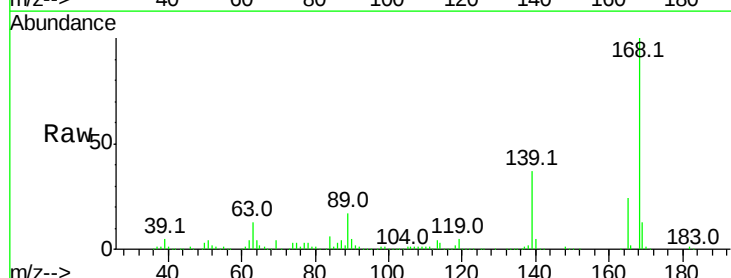
Manual Integrations
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#54
 Dibenzofuran
 Concen: 39.15 ng
 RT: 9.74 min Scan# 1335
 Delta R.T. -0.02 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.6	45.8
169	13.1	10.8	16.2





#55

4-Nitrophenol

Concen: 34.05 ng/mL

RT: 9.71 min Scan# 1330

Delta R.T. 0.02 min

Lab File: BF094328.D

Acq: 11 Apr 2017 00:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:139 Resp: 136517

Ion Ratio Lower Upper

139 100

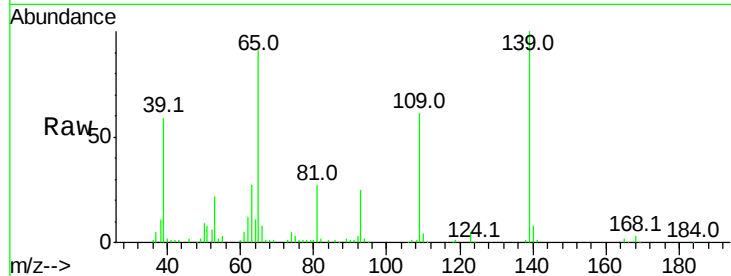
109 61.1 34.1 74.1

65 90.8 31.4 71.4#

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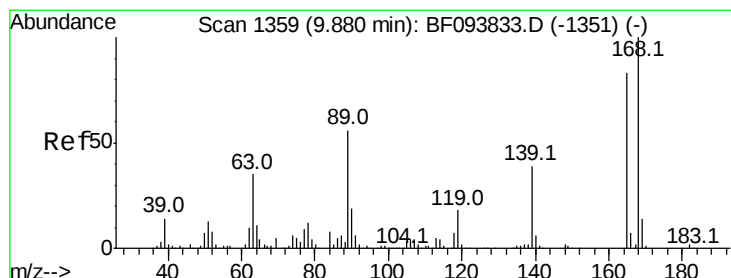
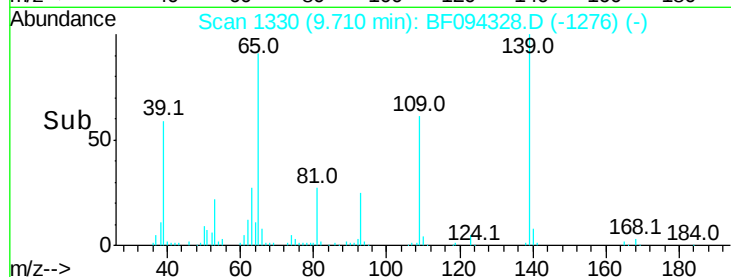
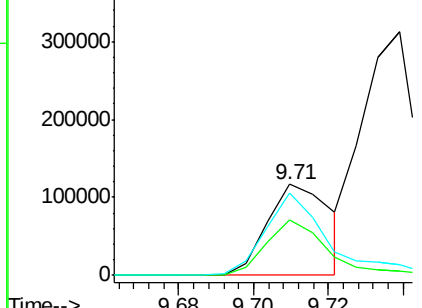
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 39.22 ng/mL

RT: 9.74 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF094328.D

Acq: 11 Apr 2017 00:23

Tgt Ion:165 Resp: 214773

Ion Ratio Lower Upper

165 100

63 53.8 25.4 38.0#

89 72.3 46.4 69.6#

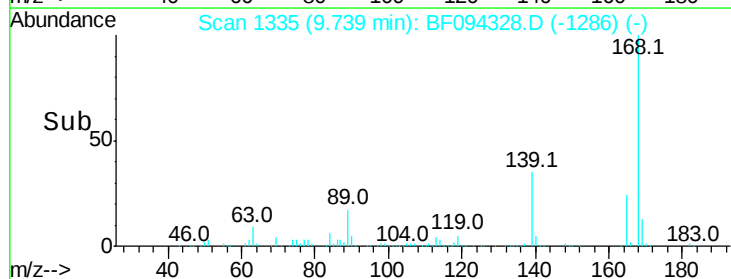
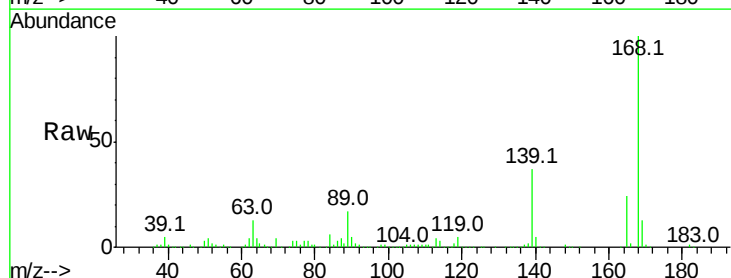
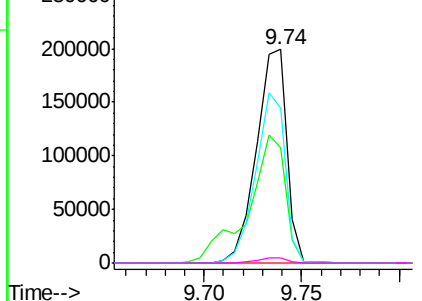
182 2.5 1.8 2.6

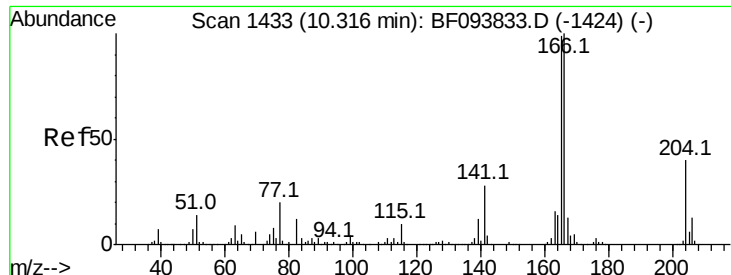
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





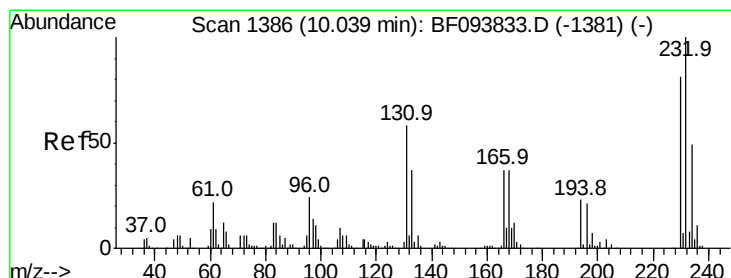
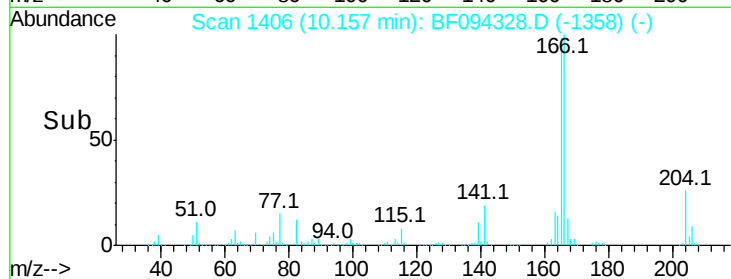
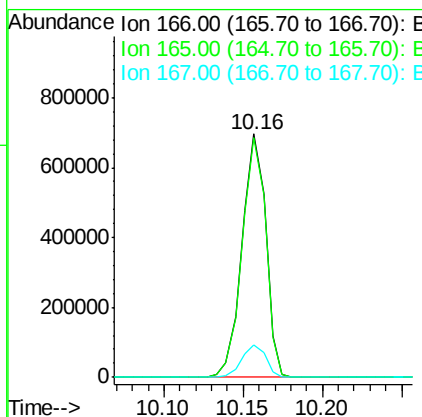
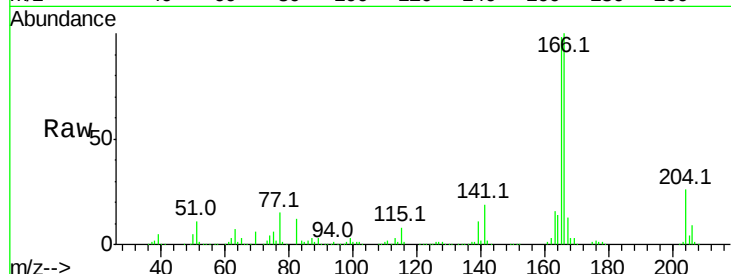
#57
Fluorene
 Concen: 39.09 ng
 RT: 10.16 min Scan# 1406
 Delta R.T. -0.02 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100	722820		
165	98.3		78.8	118.2
167	13.2		10.6	16.0

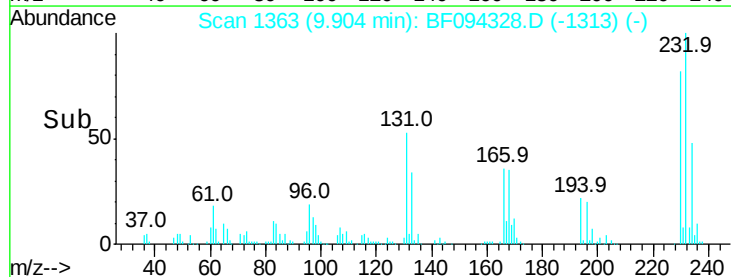
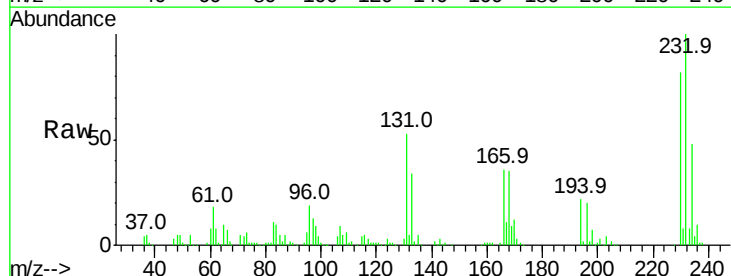
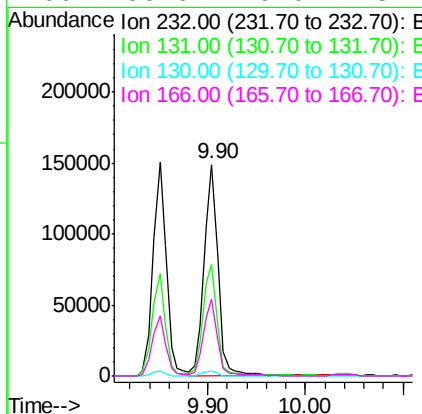
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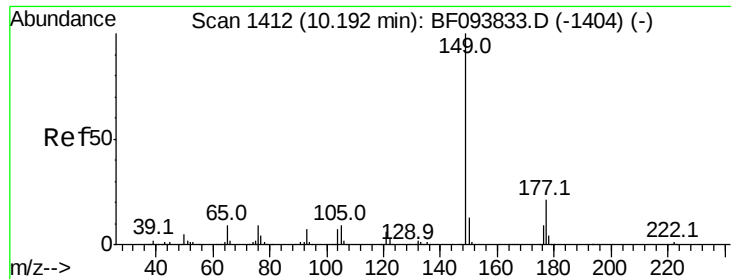
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.34 ng
 RT: 9.90 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	147398		
131	52.8		44.8	67.2
130	2.7		2.3	3.5
166	36.6		29.0	43.4





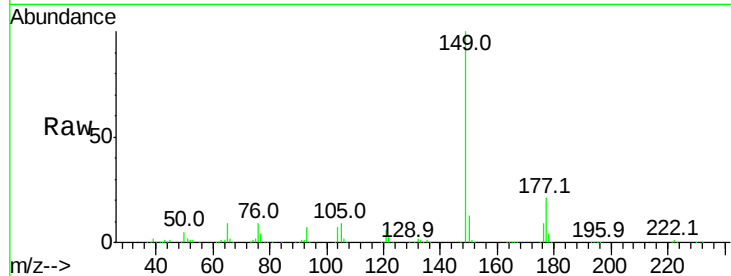
#59
Diethylphthalate
Concen: 41.22 ng
RT: 10.04 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

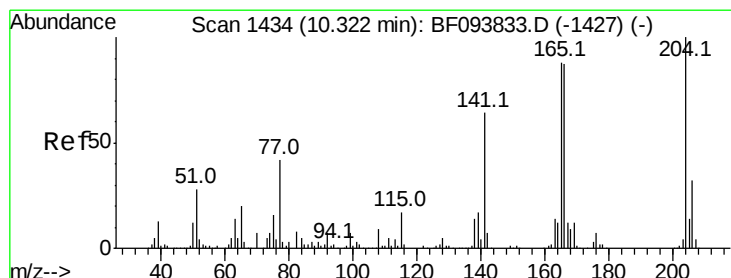
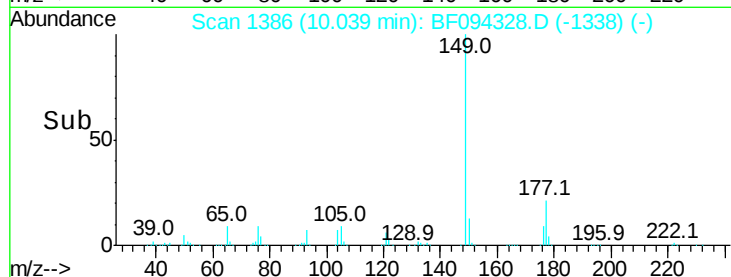
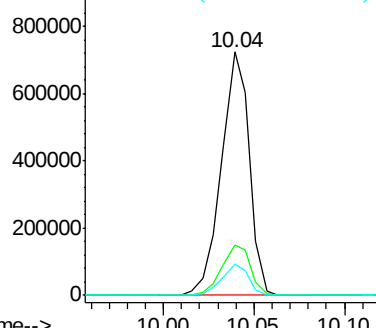
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.7	25.1
150	12.7	10.2	15.2

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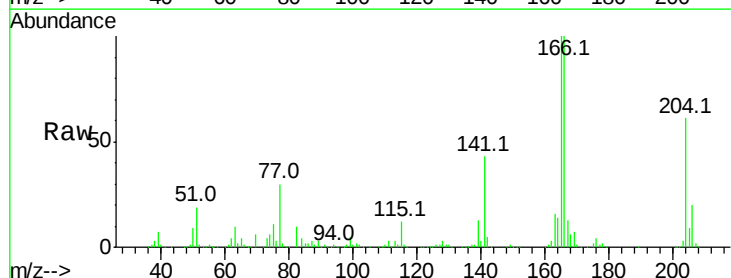


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

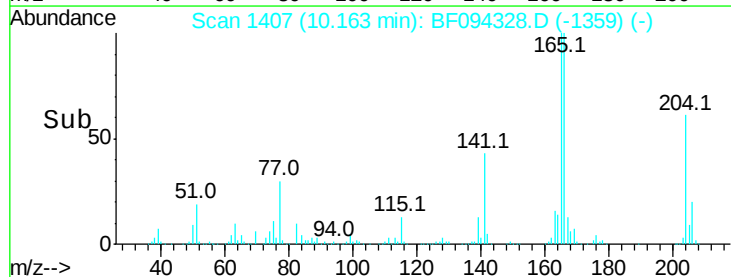
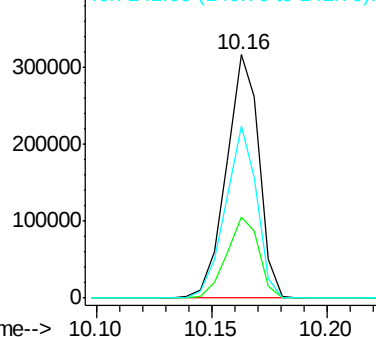


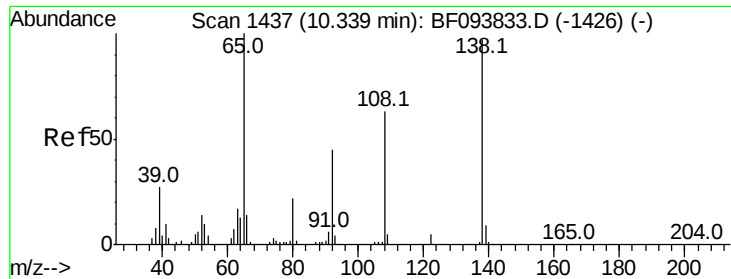
#60
4-Chlorophenyl-phenylether
Concen: 39.67 ng
RT: 10.16 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.2	39.2
141	70.4	60.8	91.2



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





#61

4-Nitroaniline

Concen: 40.75 ng

RT: 10.20 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF094328.D

Acq: 11 Apr 2017 00:23

Instrument :

BNA_F

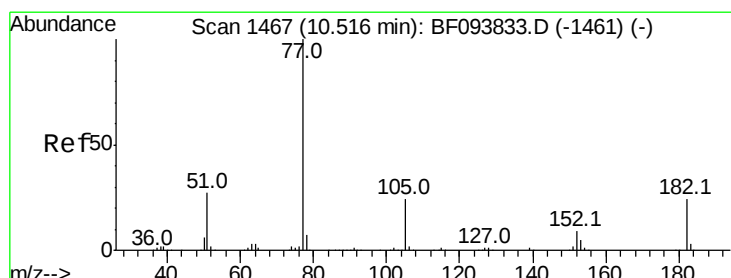
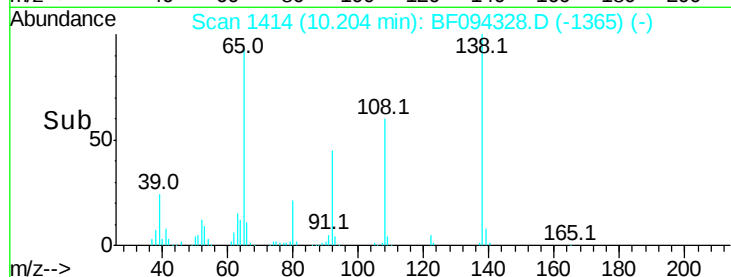
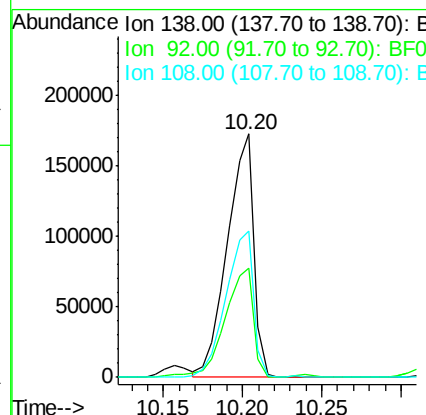
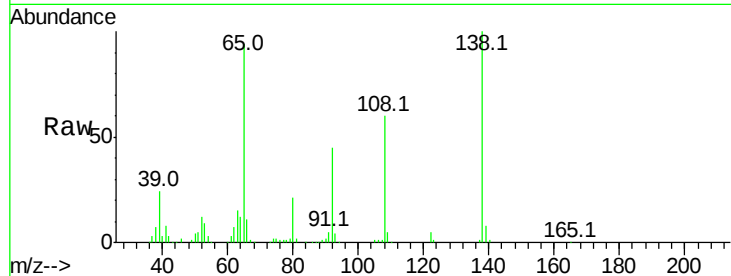
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	200207
Ion Ratio	Lower	Upper	
138	100		
92	44.6	21.8	61.8
108	60.1	42.3	82.3

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#62

Azobenzene

Concen: 38.98 ng

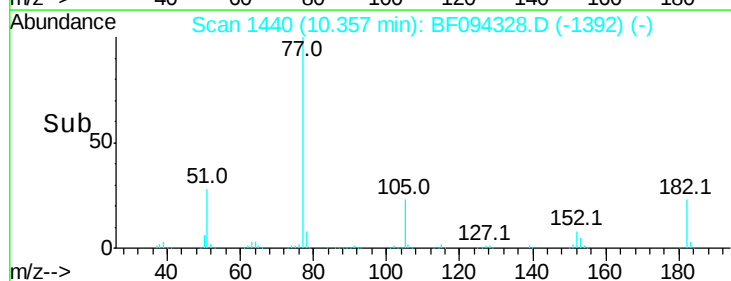
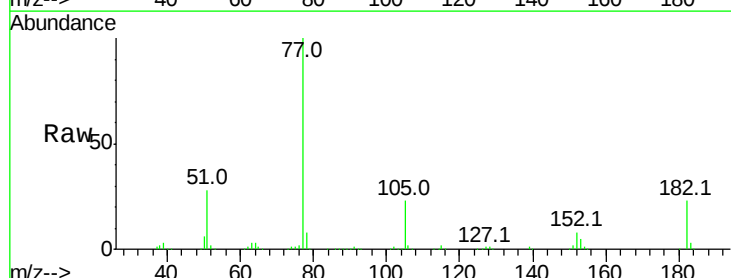
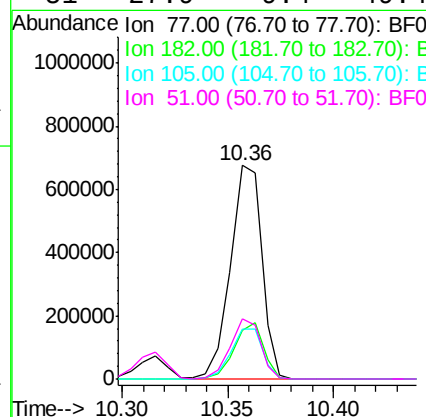
RT: 10.36 min Scan# 1440

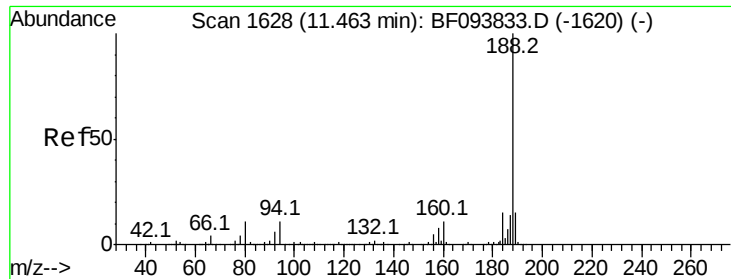
Delta R.T. -0.02 min

Lab File: BF094328.D

Acq: 11 Apr 2017 00:23

Tgt Ion:	77	Resp:	693069
Ion Ratio	Lower	Upper	
77	100		
182	22.6	0.1	40.1
105	23.2	3.6	43.6
51	27.9	9.4	49.4





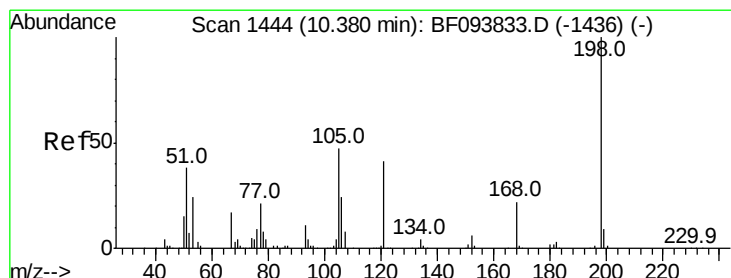
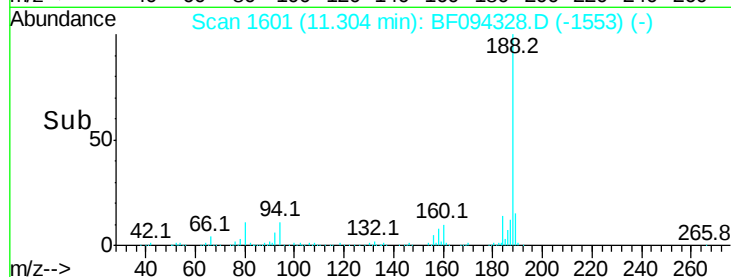
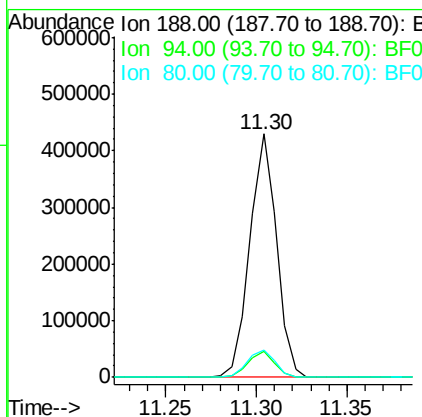
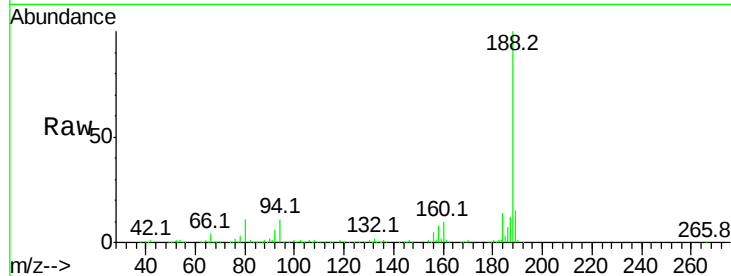
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1601
Delta R.T. -0.02 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	440432		
94	10.7		9.4	14.2
80	11.3		10.2	15.2

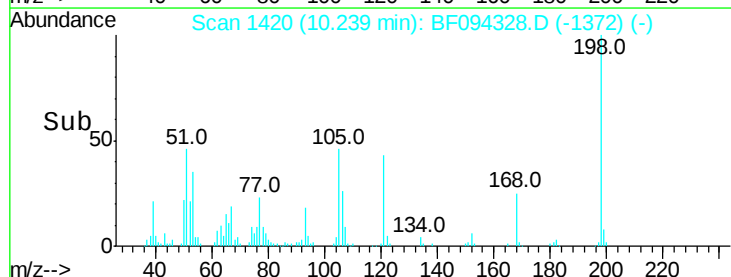
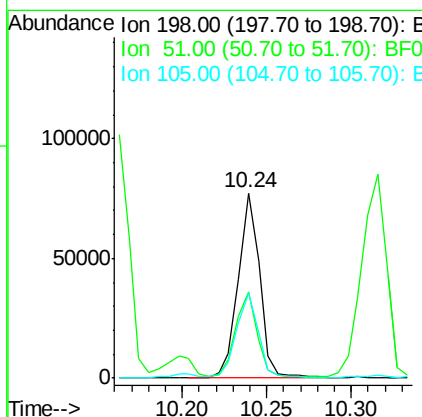
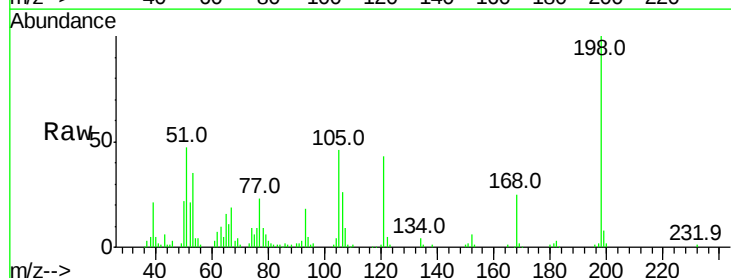
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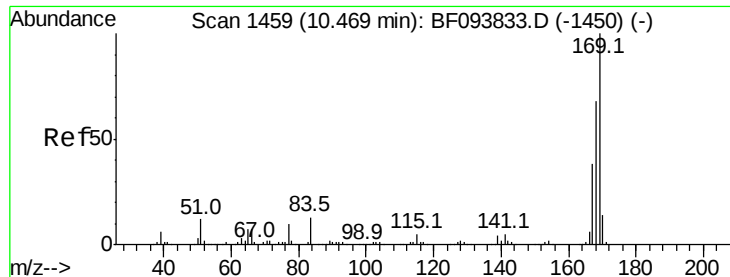
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#64
4,6-Dinitro-2-methylphenol
Concen: 25.62 ng
RT: 10.24 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	69115		
51	46.9		53.2	93.2#
105	45.7		45.8	85.8#





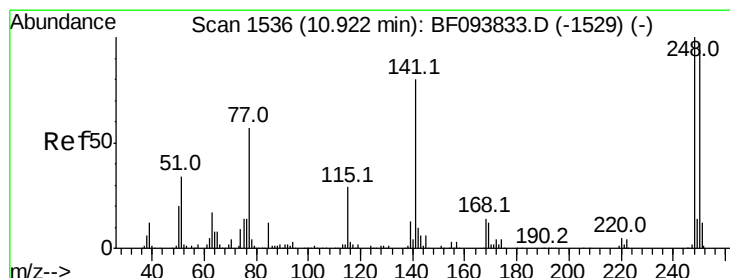
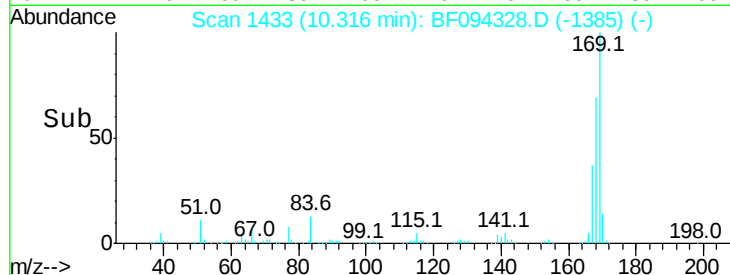
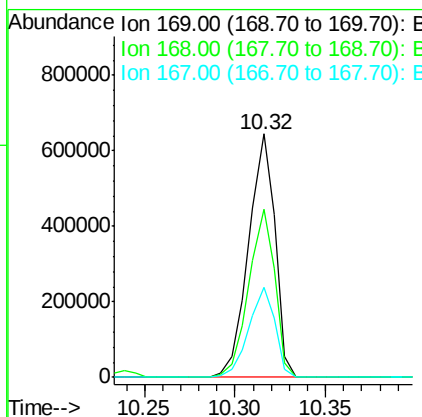
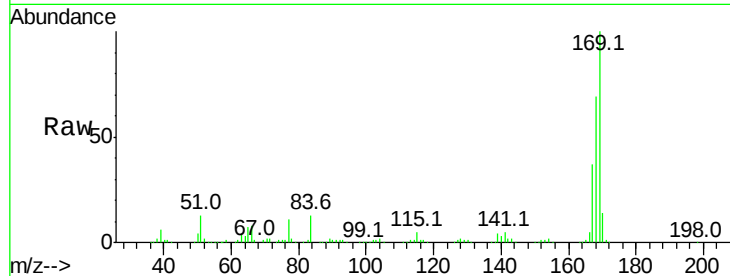
#65
n-Nitrosodiphenylamine
Concen: 43.01 ng
RT: 10.32 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	655167		
168	69.2	53.2	79.8	
167	37.2	29.5	44.3	

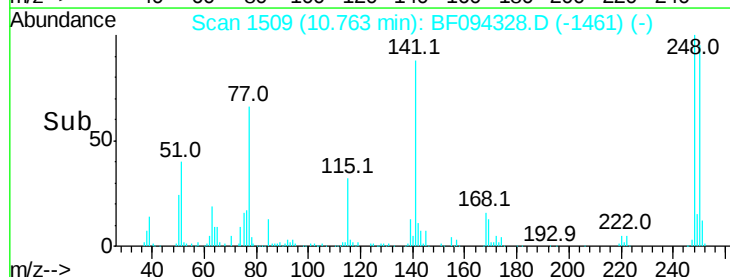
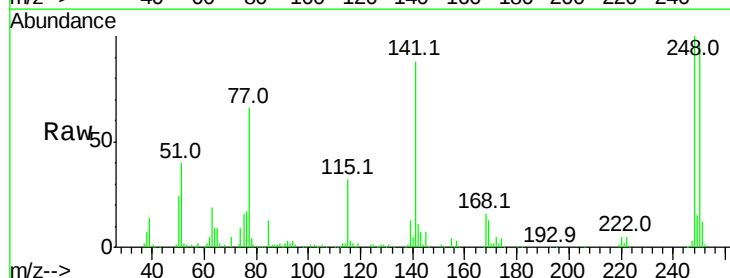
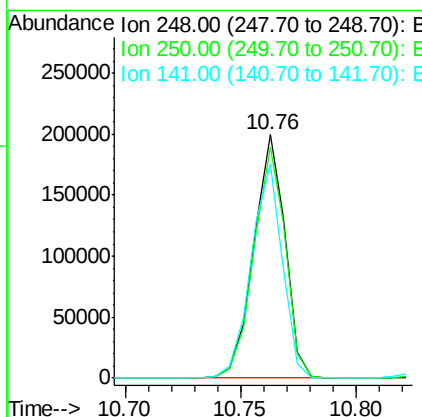
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#66
4-Bromophenyl-phenylether
Concen: 43.60 ng
RT: 10.76 min Scan# 1509
Delta R.T. -0.02 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	188858		
250	94.9	76.8	115.2	
141	87.7	68.6	103.0	





#67

Hexachlorobenzene

Concen: 42.63 ng

RT: 10.83 min Scan# 1521

Delta R.T. -0.02 min

Lab File: BF094328.D

Acq: 11 Apr 2017 00:23

Instrument :

BNA_F

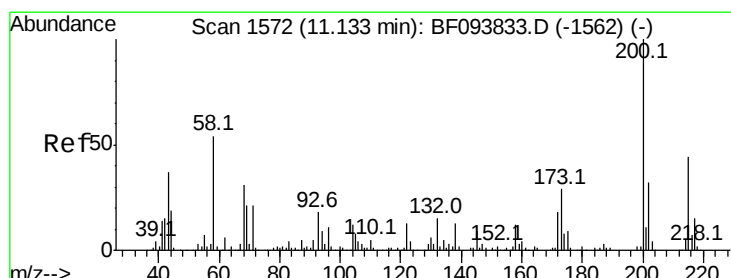
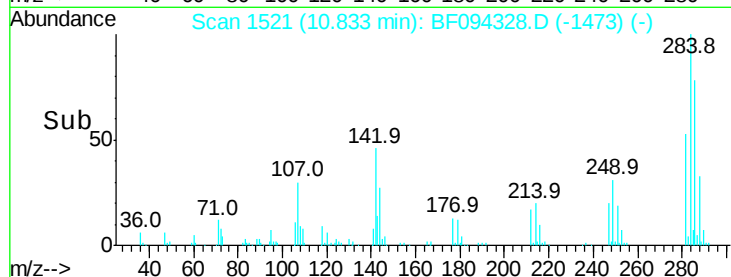
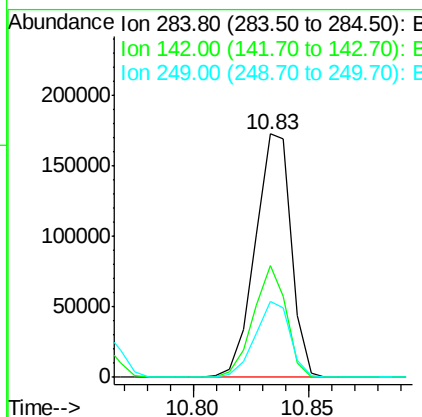
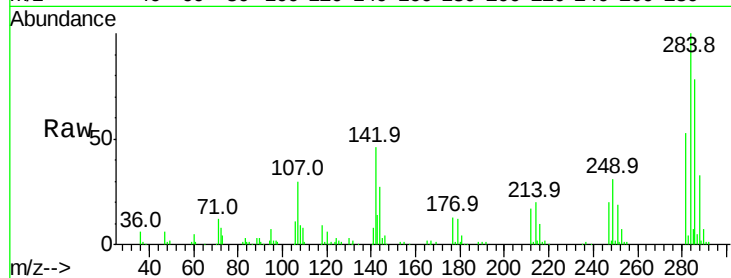
ClientSampleId :

SSTDCCC040

Tot Ion:	284	Resp:	186949
Ion Ratio	Lower	Upper	
284	100		
142	45.7	22.8	34.2#
249	31.2	24.0	36.0

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#68

Atrazine

Concen: 43.20 ng

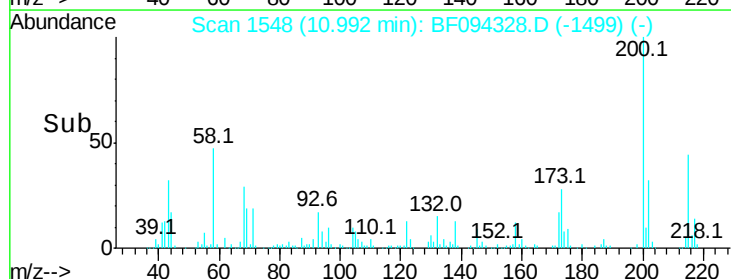
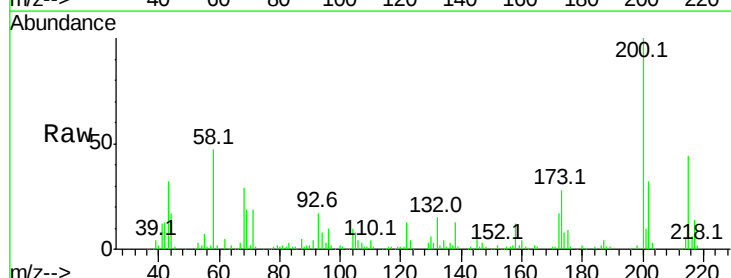
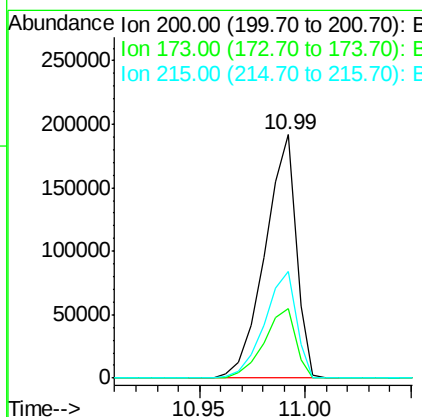
RT: 10.99 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF094328.D

Acq: 11 Apr 2017 00:23

Tgt Ion:	200	Resp:	197060
Ion Ratio	Lower	Upper	
200	100		
173	28.4	6.3	46.3
215	43.7	27.2	67.2





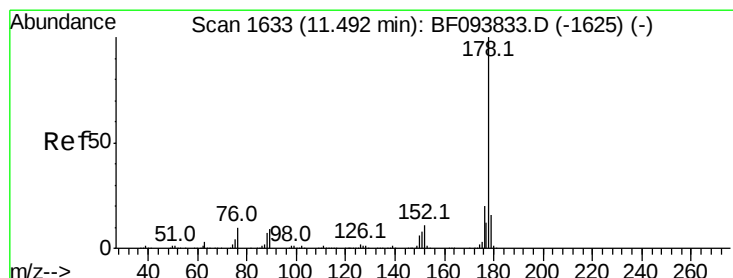
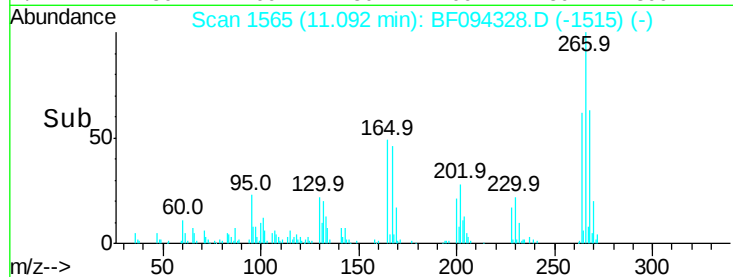
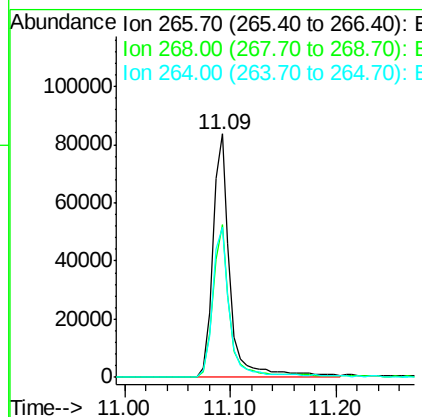
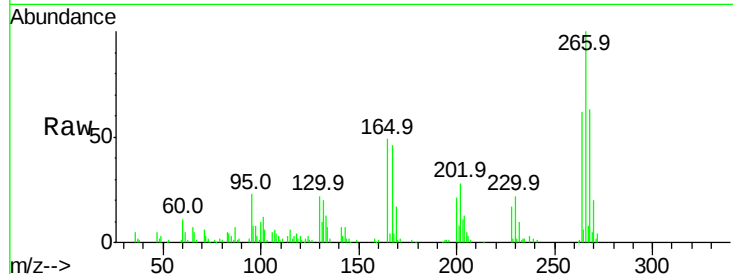
#69
 Pentachlorophenol
 Concen: 35.22 ng
 RT: 11.09 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.1	76.7
264	61.9	51.7	77.5

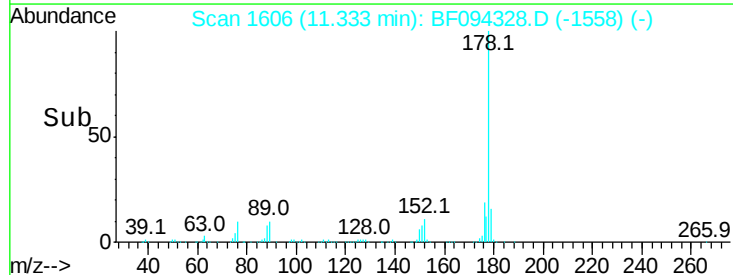
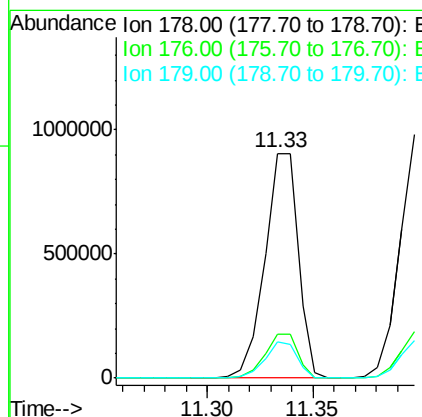
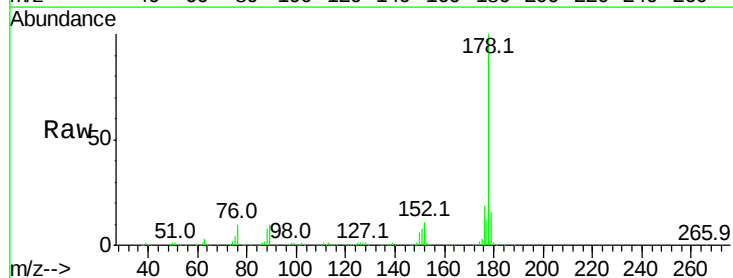
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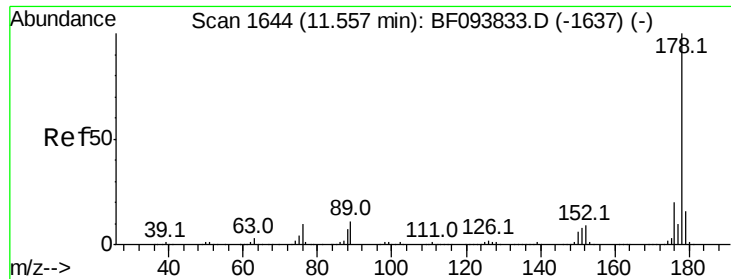
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#70
 Phenanthrene
 Concen: 40.77 ng
 RT: 11.33 min Scan# 1606
 Delta R.T. -0.02 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.9	12.6	19.0





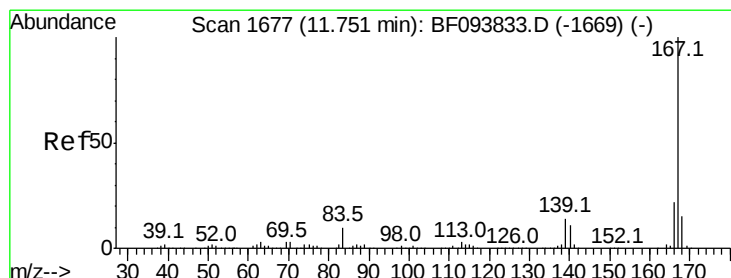
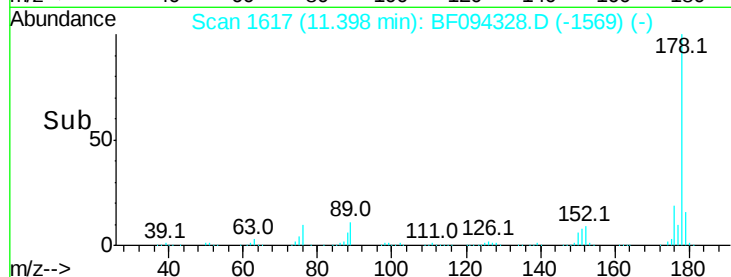
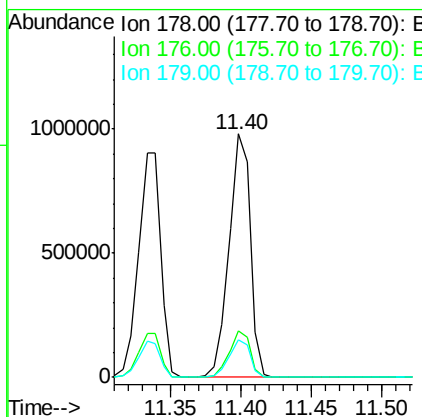
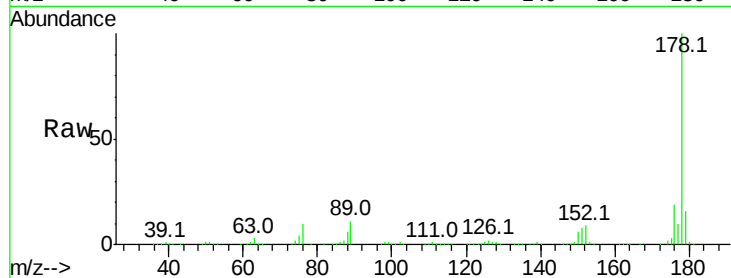
#71
 Anthracene
 Concen: 40.75 ng
 RT: 11.40 min Scan# 1617
 Delta R.T. -0.02 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:178 Resp: 1027877
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.6 12.7 19.1

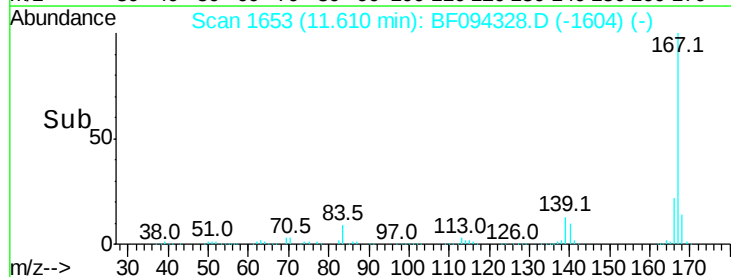
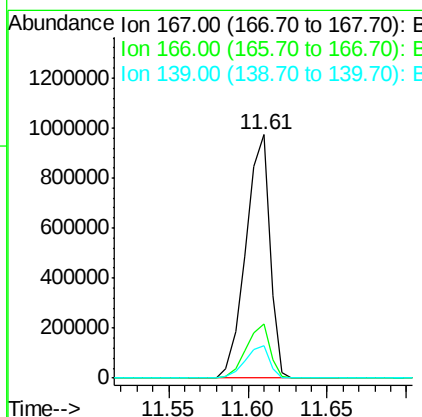
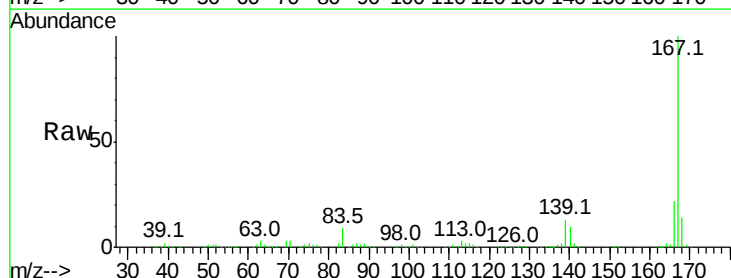
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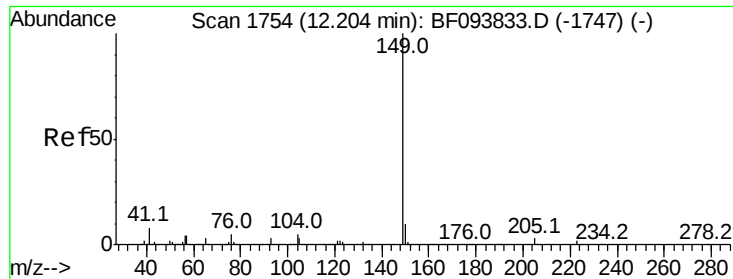
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#72
 Carbazole
 Concen: 39.50 ng
 RT: 11.61 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Tgt Ion:167 Resp: 1021871
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.5 11.7 17.5





#73

Di-n-butylphthalate

Concen: 43.36 ng

RT: 12.05 min Scan# 1728

Delta R.T. -0.02 min

Lab File: BF094328.D

Acq: 11 Apr 2017 00:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1166578

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

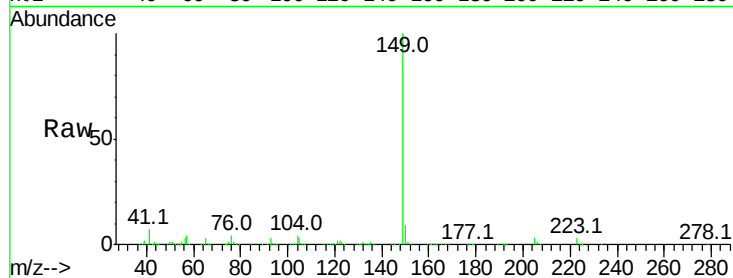
104 4.5 4.0 6.0

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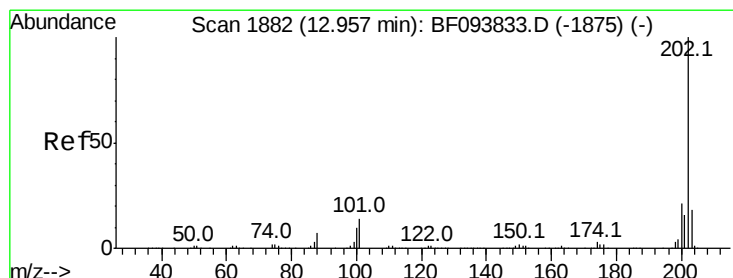
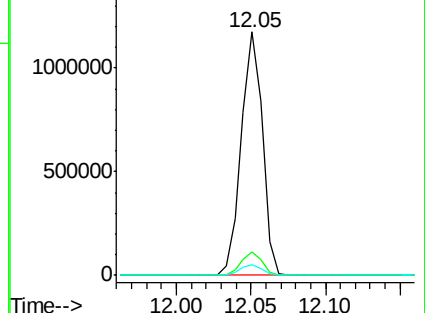
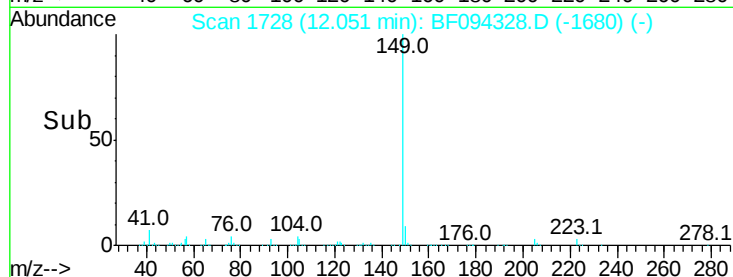
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.29 ng

RT: 12.80 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BF094328.D

Acq: 11 Apr 2017 00:23

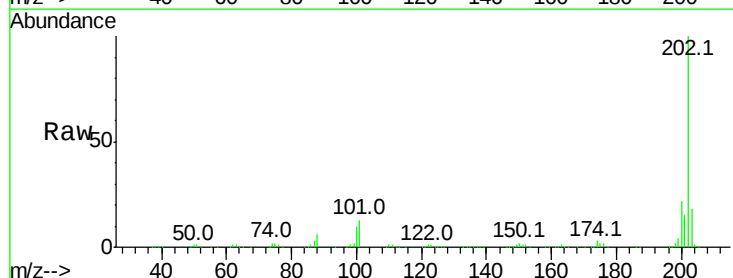
Tgt Ion:202 Resp: 935424

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.2

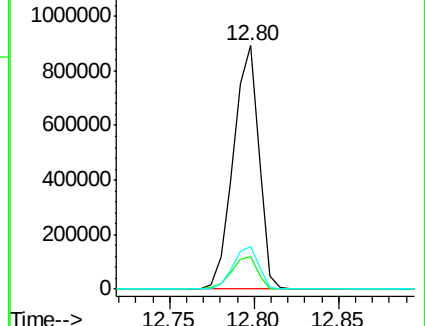
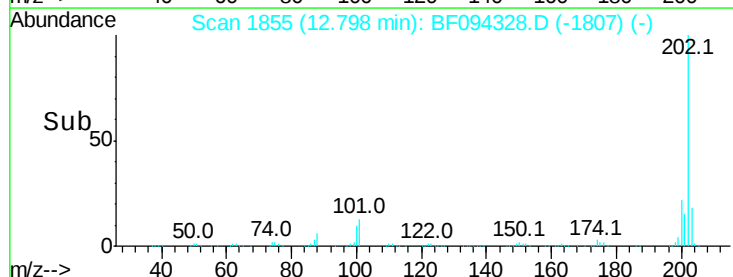
203 17.7 0.0 38.1

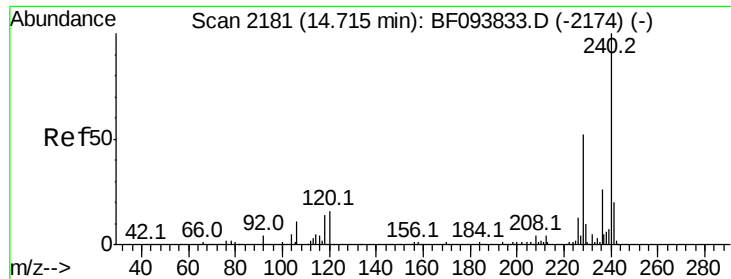


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.56 min Scan# 2154

Delta R.T. -0.02 min

Lab File: BF094328.D

Acq: 11 Apr 2017 00:23

Instrument :

BNA_F

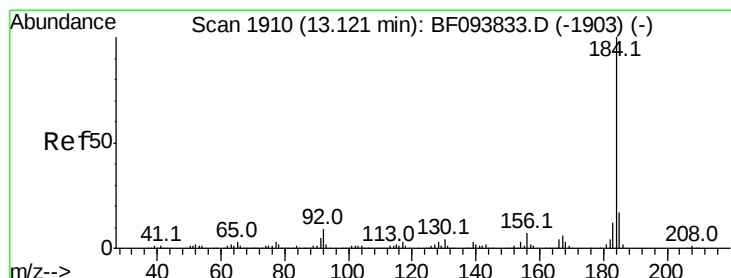
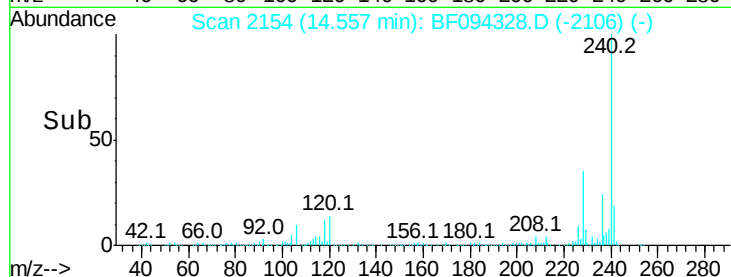
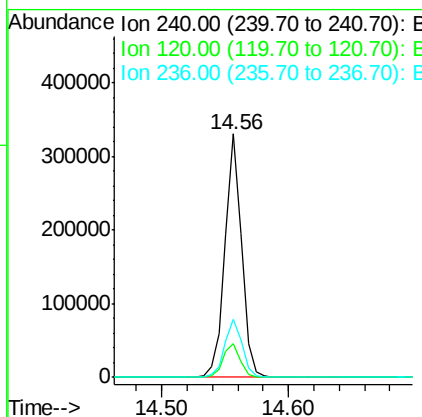
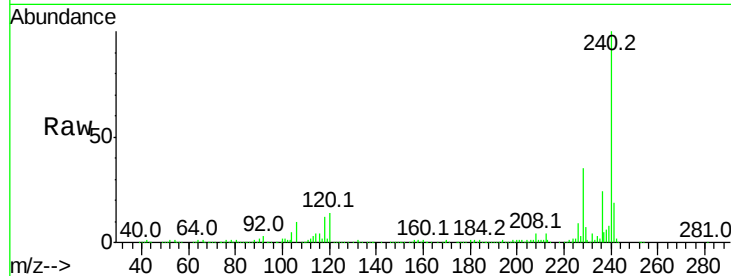
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	23.9	20.5	30.7

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#76

Benzidine

Concen: 33.25 ng

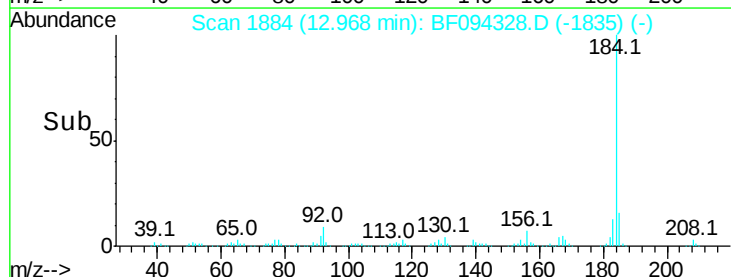
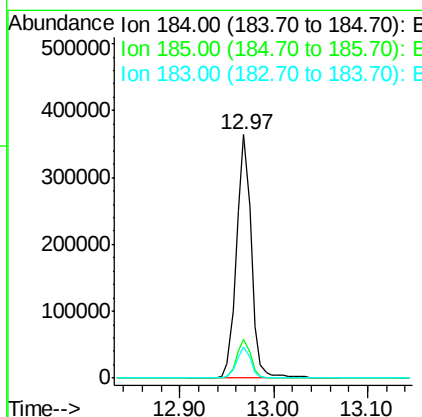
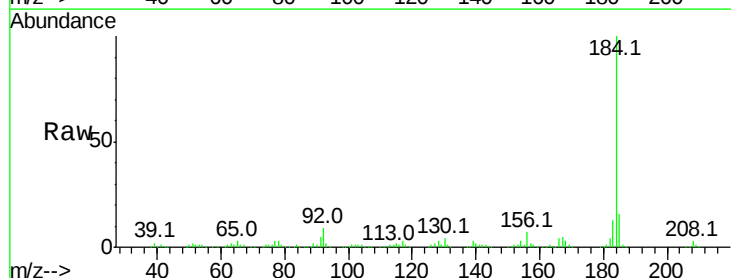
RT: 12.97 min Scan# 1884

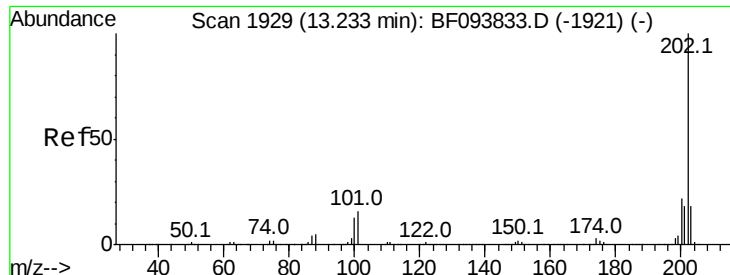
Delta R.T. -0.01 min

Lab File: BF094328.D

Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.8	15.5	23.3
183	12.6	9.8	14.6





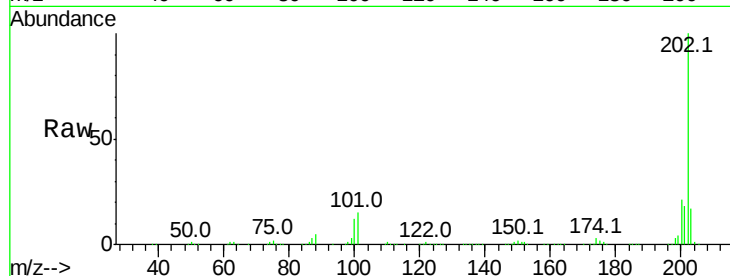
#77
Pvrene
Concen: 43.25 ng
RT: 13.07 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

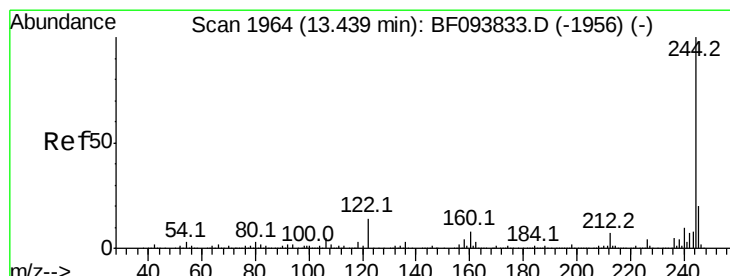
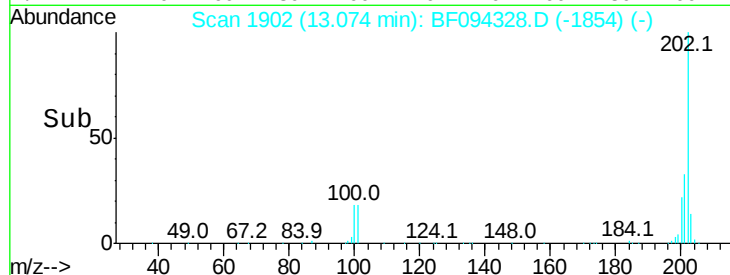
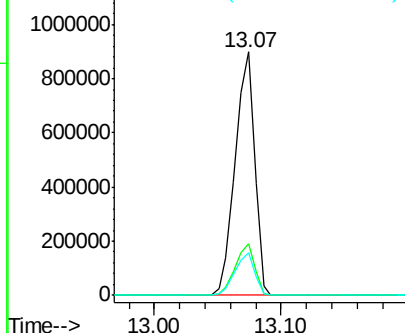
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	17.6	26.4
203	17.4	14.4	21.6

Manual Integrations
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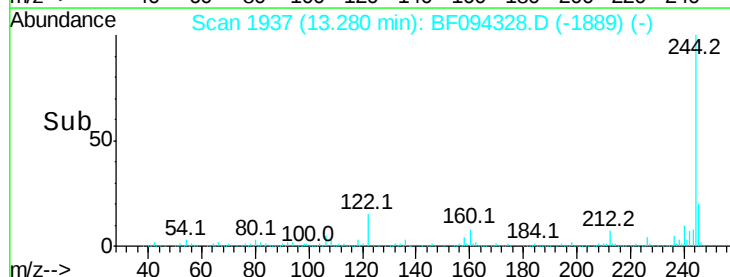
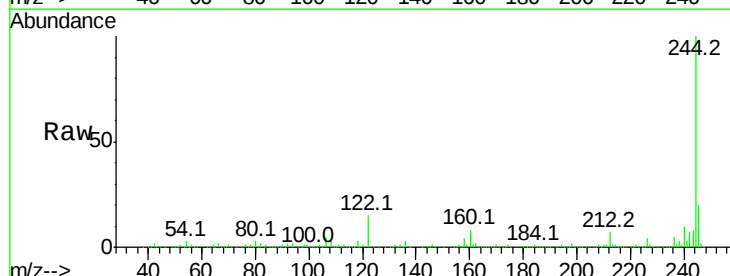
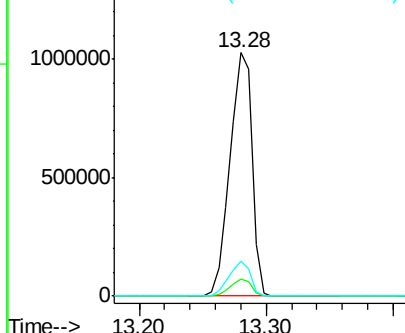
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 90.94 ng
RT: 13.28 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.6	10.3	15.5

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.62 ng

RT: 13.89 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF094328.D

Acq: 11 Apr 2017 00:23

Instrument :

BNA_F

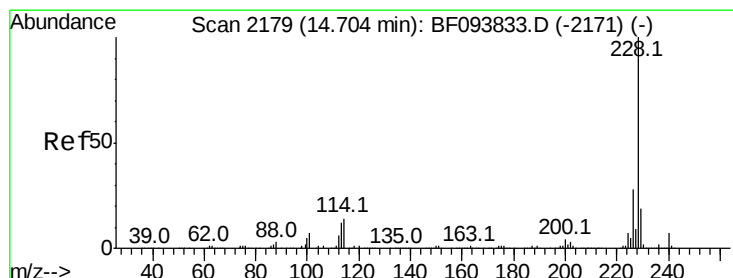
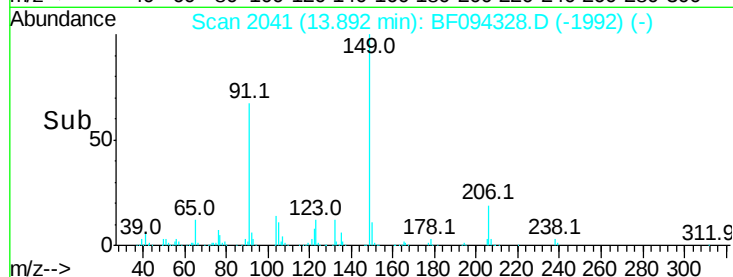
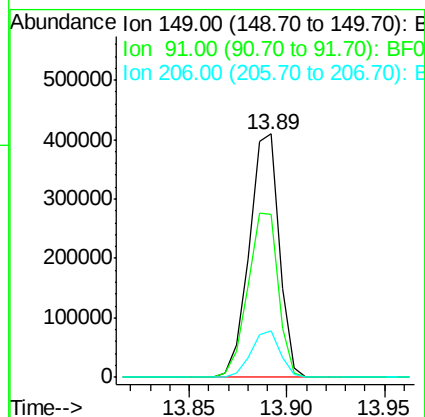
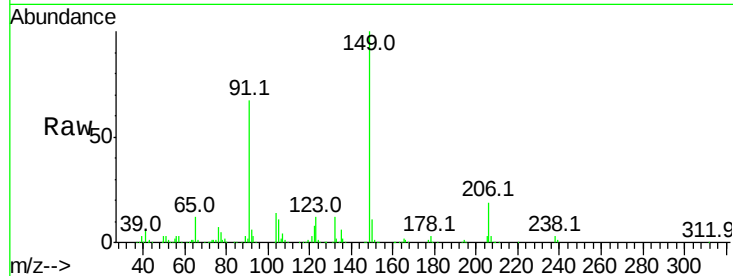
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	436235
Ion Ratio	Lower	Upper	
149	100		
91	67.0	45.0	67.4
206	19.1	17.0	25.6

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#80

Benzo(a)anthracene

Concen: 40.91 ng

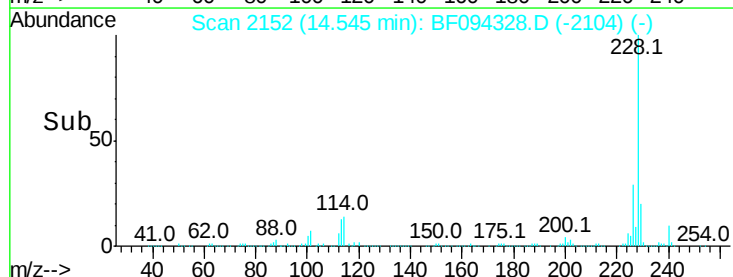
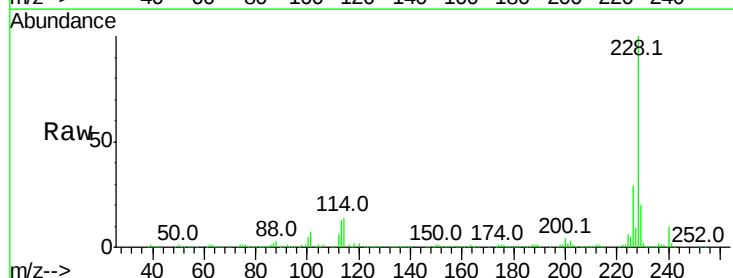
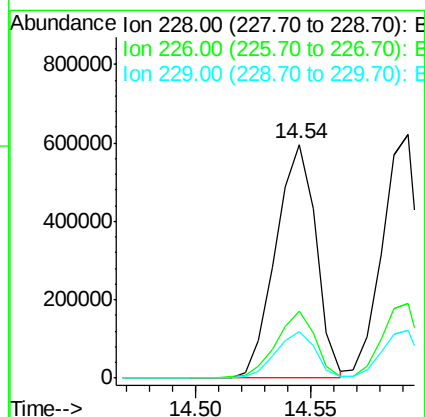
RT: 14.54 min Scan# 2152

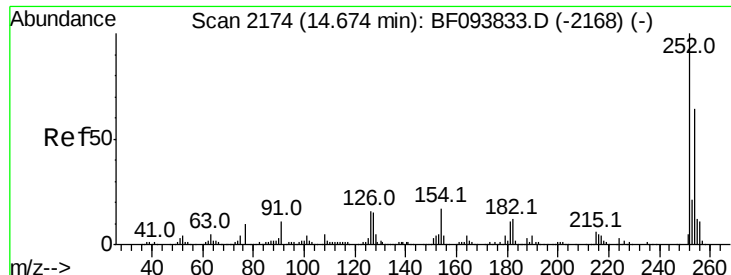
Delta R.T. -0.02 min

Lab File: BF094328.D

Acq: 11 Apr 2017 00:23

Tgt Ion:	228	Resp:	721763
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.6	33.8
229	20.1	16.3	24.5





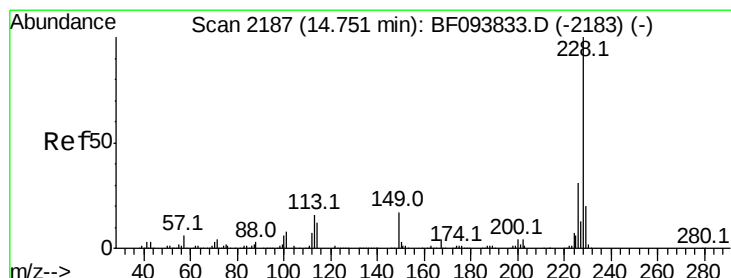
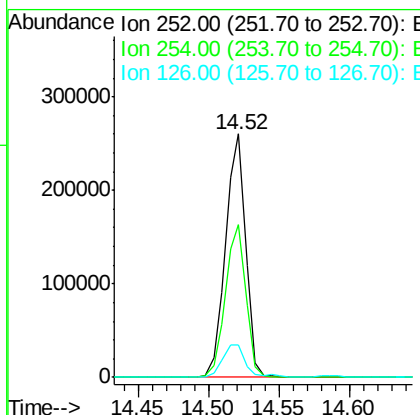
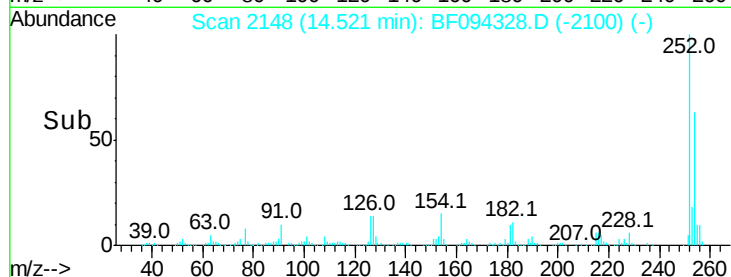
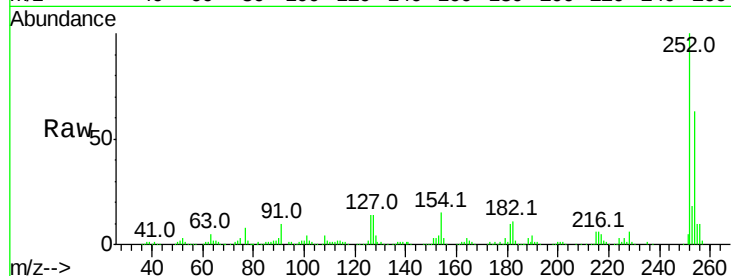
#81
 3,3'-Dichlorobenzidine
 Concen: 41.02 ng
 RT: 14.52 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	258709		
254	62.9	51.5	77.3	
126	13.5	15.8	23.8	

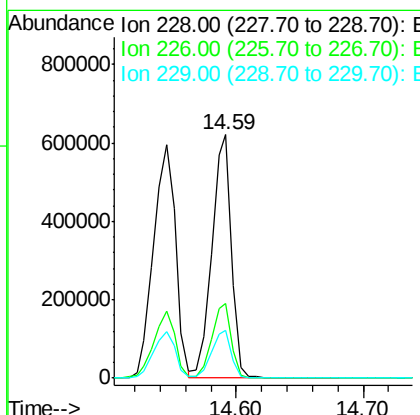
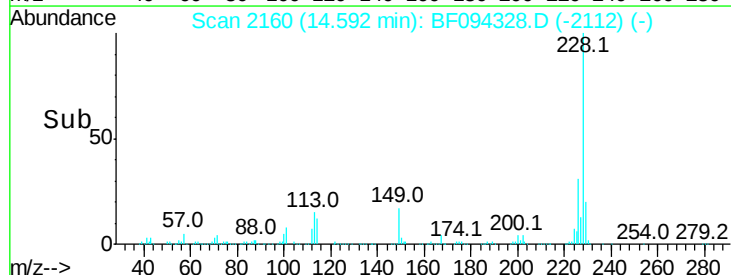
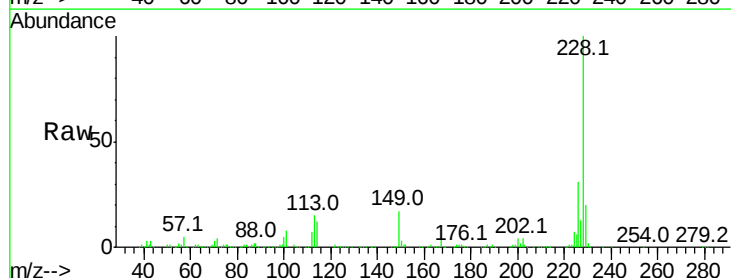
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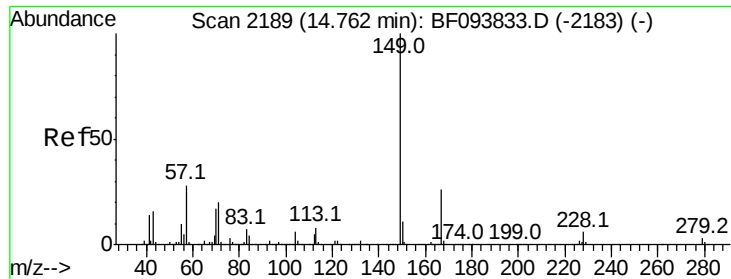
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#82
 Chrysene
 Concen: 41.08 ng
 RT: 14.59 min Scan# 2160
 Delta R.T. -0.02 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	672701		
226	30.6	24.9	37.3	
229	19.7	15.8	23.6	





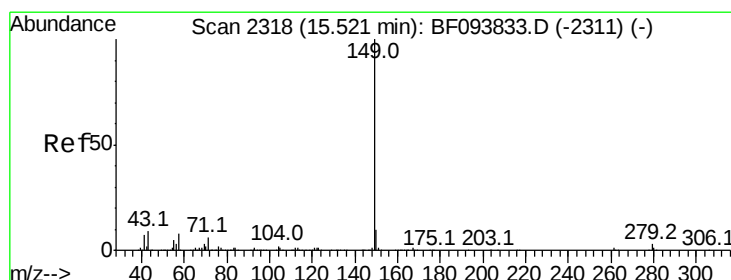
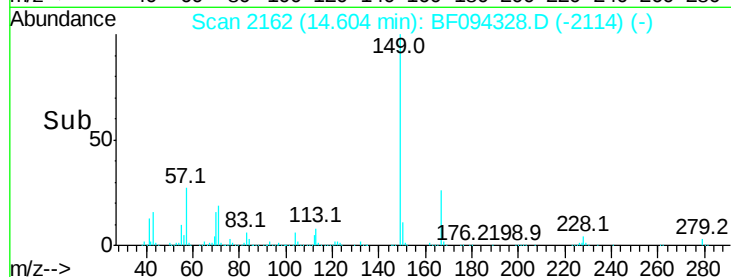
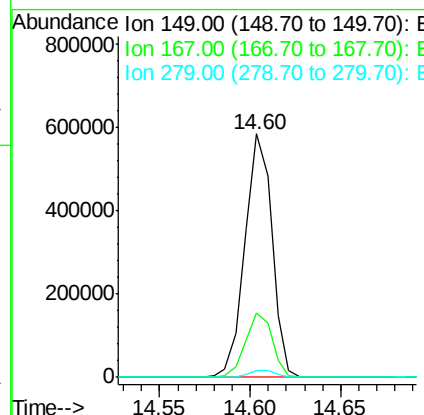
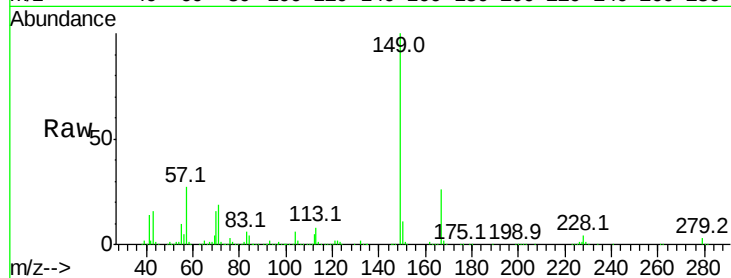
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.42 ng
 RT: 14.60 min Scan# 2162
 Delta R.T. -0.02 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	605326		
167	26.4		21.0	31.4
279	2.8		1.9	2.9

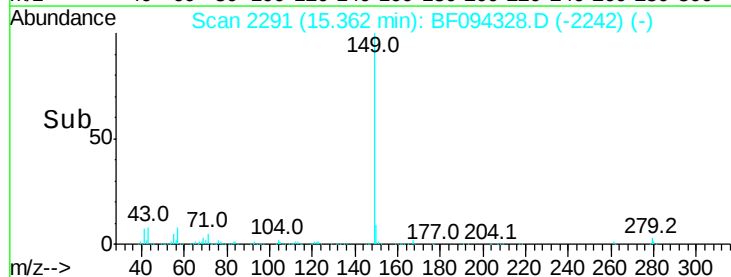
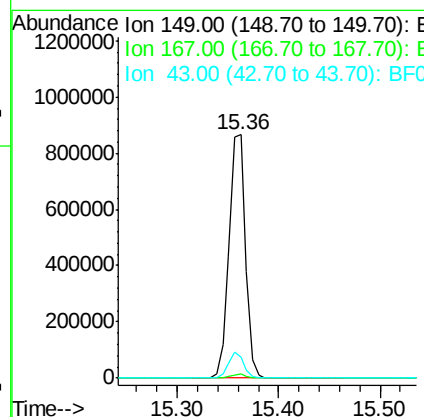
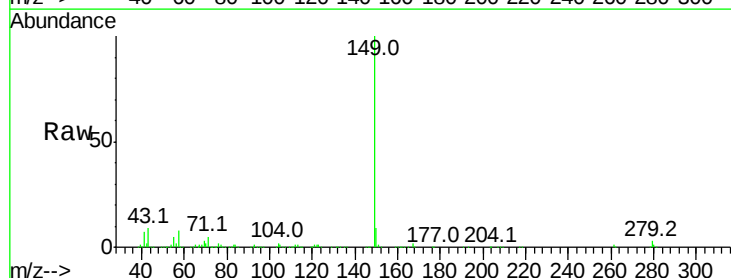
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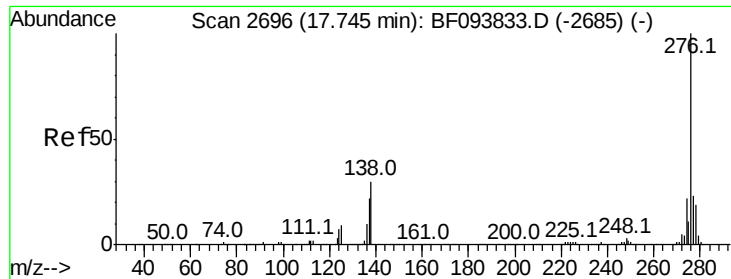
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#84
 Di-n-octyl phthalate
 Concen: 45.56 ng
 RT: 15.36 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	971602		
167	1.6		1.2	1.8
43	9.7		8.5	12.7





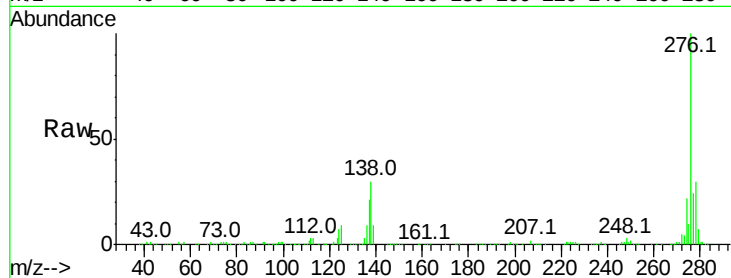
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.73 ng
RT: 17.50 min Scan# 2655
Delta R.T. -0.02 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

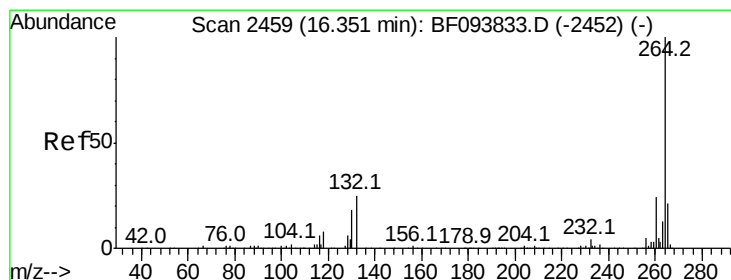
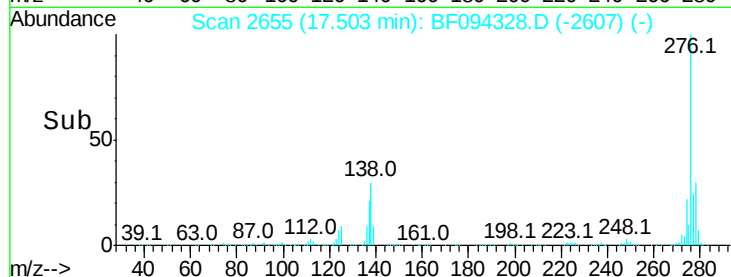
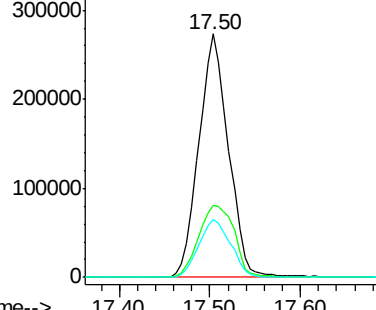
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.7	27.8	41.6
277	25.5	20.2	30.4

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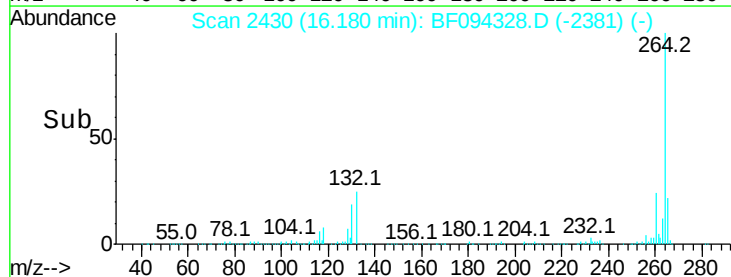
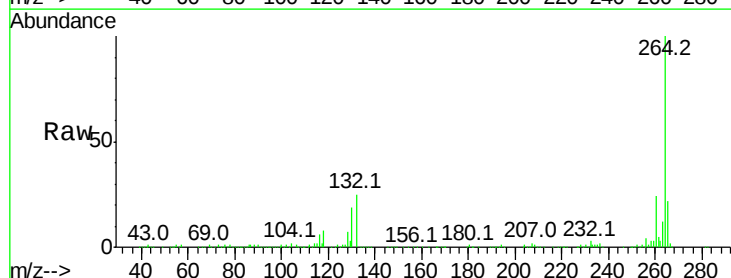
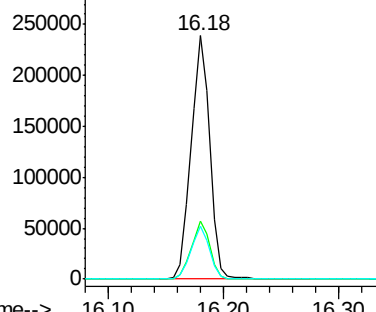
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

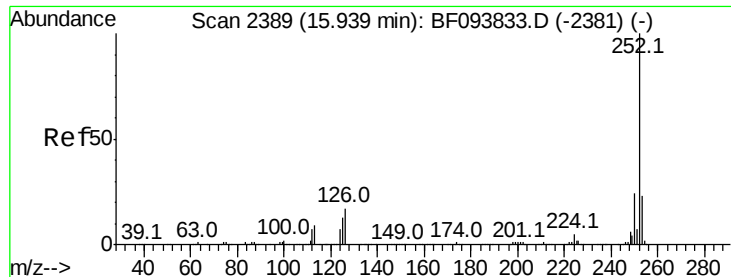


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.18 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.7	17.2	25.8

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





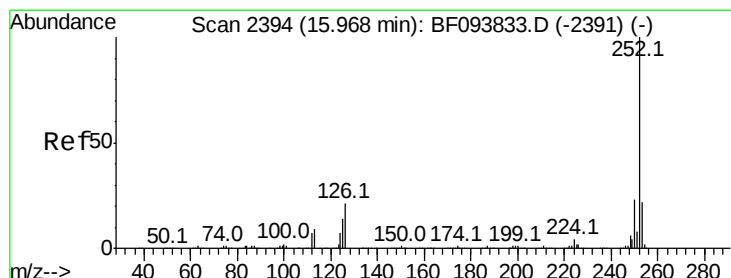
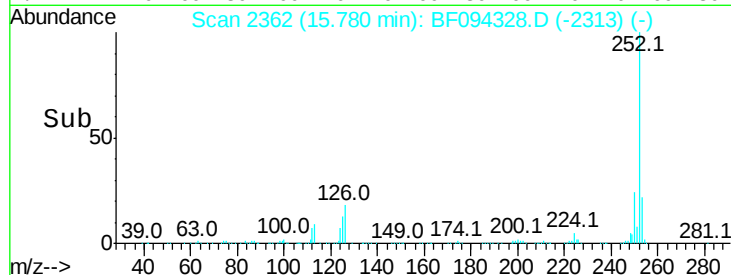
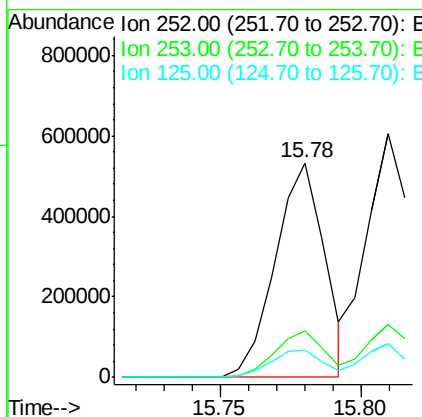
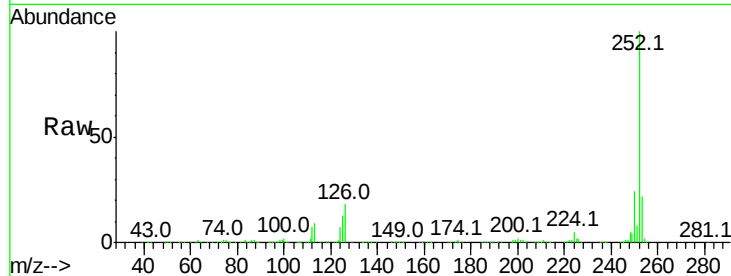
#87
Benzo(b)fluoranthene
Concen: 39.08 ng
RT: 15.78 min Scan# 2362
Delta R.T. -0.01 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	13.0	9.8	14.8

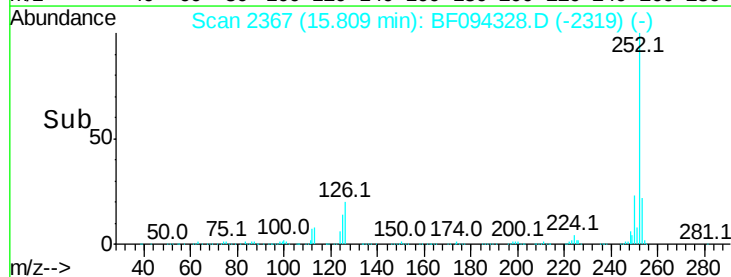
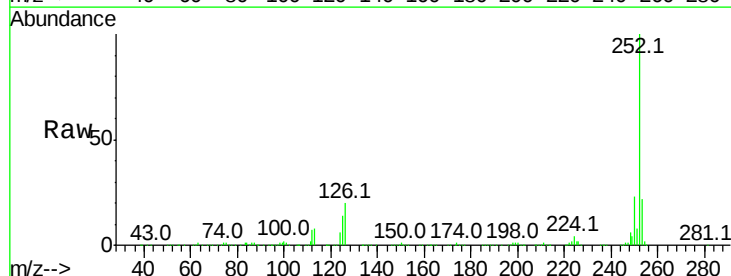
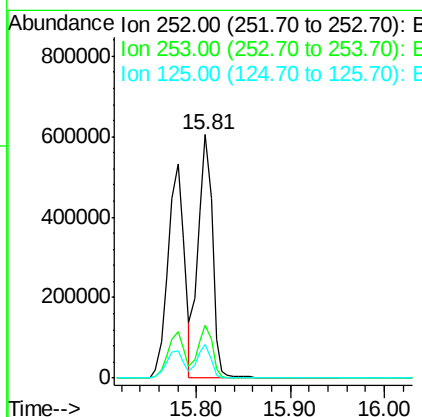
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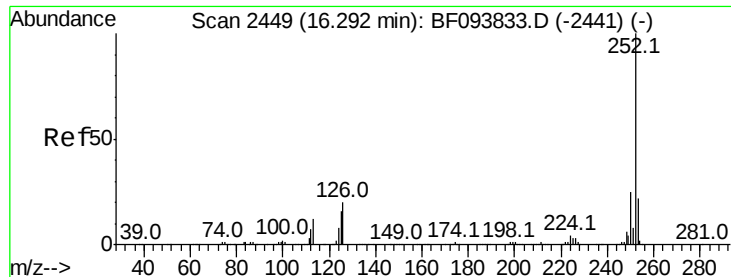
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#88
Benzo(k)fluoranthene
Concen: 39.63 ng
RT: 15.81 min Scan# 2367
Delta R.T. -0.02 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	13.8	13.1	19.7





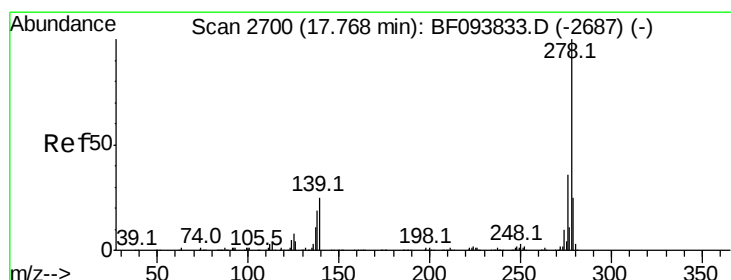
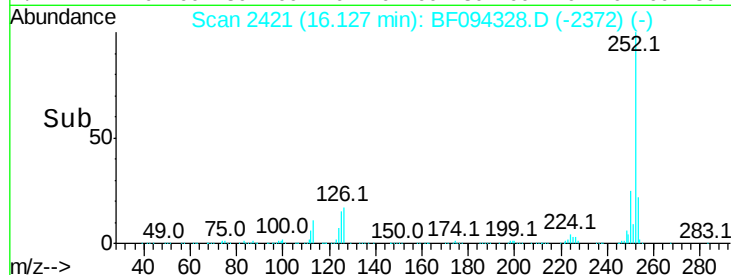
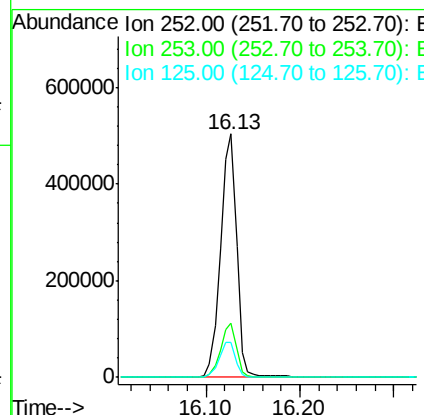
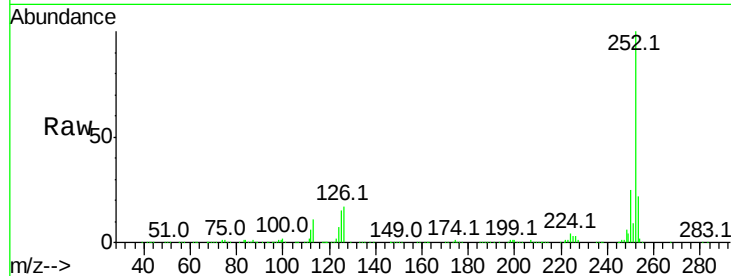
#89
Benzo(a)pyrene
Concen: 40.19 ng
RT: 16.13 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	14.6	11.0	16.4

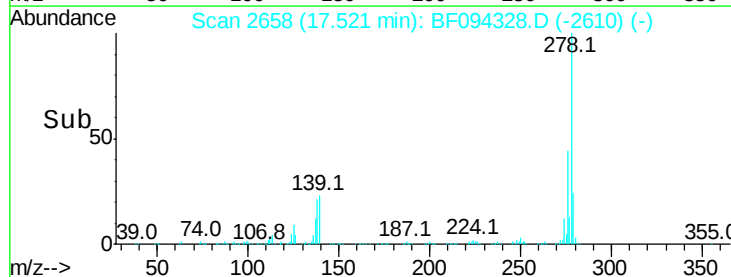
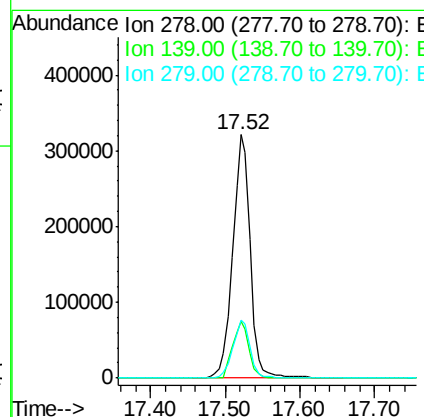
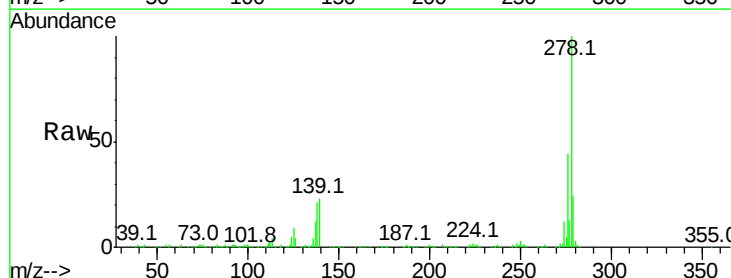
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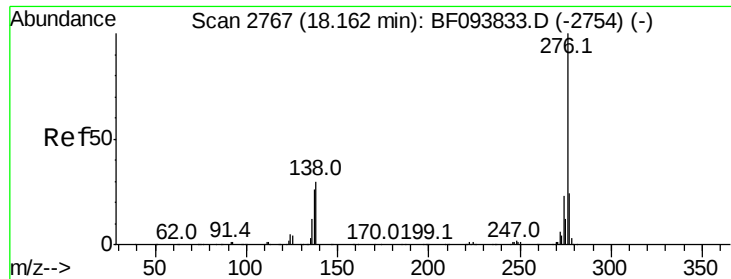
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#90
Dibenzo(a,h)anthracene
Concen: 41.11 ng
RT: 17.52 min Scan# 2658
Delta R.T. -0.02 min
Lab File: BF094328.D
Acq: 11 Apr 2017 00:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.1	16.6	24.8
279	24.0	19.3	28.9





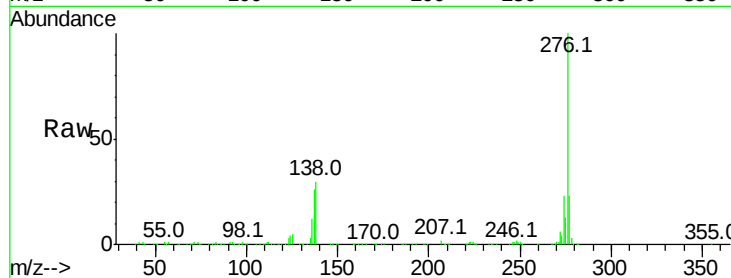
#91
 Benzo(a,h,i)perylene
 Concen: 39.76 ng
 RT: 17.89 min Scan# 2721
 Delta R.T. -0.02 min
 Lab File: BF094328.D
 Acq: 11 Apr 2017 00:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	515404
Ion Ratio	Lower	Upper	
276	100		
277	23.1	18.6	28.0
138	30.5	25.4	38.0

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

