

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
 Data File : BF093030.D
 Acq On : 20 Feb 2017 16:02
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 2/21/2017 3:57:24 PM

Quant Time: Feb 20 16:49:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	168987	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	701116	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	384107	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	629494	20.00	ng	0.00
75) Chrysene-d12	14.02	240	478110	20.00	ng	0.00
86) Perylene-d12	15.44	264	385442	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	809706	82.20	ng	-0.01
7) Phenol-d6	6.49	99	1034221	81.60	ng	0.00
23) Nitrobenzene-d5	7.42	82	1009470	80.18	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	209203	75.30	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1639381	77.32	ng	0.00
78) Terphenyl-d14	12.96	244	1504457	73.94	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.41	88	217549	40.87	ng	87
3) Pyridine	3.13	79	576194	42.57	ng	88
4) n-Nitrosodimethylamine	3.09	42	253773	39.93	ng	83
6) Aniline	6.51	93	744188	43.05	ng	# 50
8) 2-Chlorophenol	6.64	128	468096	43.08	ng	92
9) Benzaldehyde	6.40	77	331977	36.56	ng	99
10) Phenol	6.50	94	578126	38.99	ng	93
11) bis(2-Chloroethyl)ether	6.59	93	513973	43.43	ng	98
12) 1,3-Dichlorobenzene	6.78	146	509876m	40.06	ng	
13) 1,4-Dichlorobenzene	6.86	146	529027	41.07	ng	98
14) 1,2-Dichlorobenzene	7.02	146	500081	40.60	ng	94
15) Benzyl Alcohol	7.00	79	379172	40.41	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.13	45	884225	43.00	ng	94
17) 2-Methylphenol	7.12	107	418057	44.84	ng	97
18) Hexachloroethane	7.36	117	181582	41.29	ng	# 81
19) n-Nitroso-di-n-propylamine	7.28	70	344810	42.74	ng	# 96
20) 3+4-Methylphenols	7.26	107	484458	43.46	ng	# 66
22) Acetophenone	7.26	105	592146	36.99	ng	# 91
24) Nitrobenzene	7.44	77	487598	37.72	ng	97
25) Isophorone	7.68	82	946105	40.33	ng	95
26) 2-Nitrophenol	7.76	139	250707	40.80	ng	98
27) 2,4-Dimethylphenol	7.80	122	456770	42.32	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	619998	39.90	ng	99
29) 2,4-Dichlorophenol	8.01	162	399204	39.66	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	427570	39.42	ng	100
31) Naphthalene	8.17	128	1385522	38.98	ng	98
32) Benzoic acid	7.94	122	176175	31.68	ng	87
33) 4-Chloroaniline	8.21	127	532855	38.23	ng	97
34) Hexachlorobutadiene	8.28	225	228828	38.34	ng	99
35) Caprolactam	8.59	113	129647	40.95	ng	# 35
36) 4-Chloro-3-methylphenol	8.70	107	446180	42.52	ng	93
37) 2-Methylnaphthalene	8.85	142	911190	39.93	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	412586	38.27	ng	99
40) Hexachlorocyclopentadiene	9.00	237	187067	38.45	ng	95

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 SSTDC040

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	277288	39.14	nq	94
43) 2,4,5-Trichlorophenol	9.17	196	291138	37.50	nq	93
45) 1,1'-Biphenyl	9.32	154	1111512	39.96	nq	99
46) 2-Chloronaphthalene	9.34	162	896999	41.23	nq	99
47) 2-Nitroaniline	9.44	65	287413	39.29	nq	93
48) Acenaphthylene	9.76	152	1381068	36.74	nq	99
49) Dimethylphthalate	9.62	163	952341	36.81	nq	98
50) 2,6-Dinitrotoluene	9.69	165	252662	45.22	nq	94
51) Acenaphthene	9.93	154	770732	34.30	nq	98
52) 3-Nitroaniline	9.86	138	287672	44.99	nq	# 79
53) 2,4-Dinitrophenol	9.96	184	122788	45.38	nq	# 69
54) Dibenzofuran	10.10	168	1097606	36.52	nq	95
55) 4-Nitrophenol	10.02	139	165145	35.86	nq	93
56) 2,4-Dinitrotoluene	10.09	165	267482	35.96	nq	96
57) Fluorene	10.44	166	904443	39.11	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	211962	40.93	nq	95
59) Diethylphthalate	10.32	149	918176	37.66	nq	99
60) 4-Chlorophenyl-phenylether	10.43	204	381680	34.36	nq	95
61) 4-Nitroaniline	10.46	138	262867	40.14	nq	93
62) Azobenzene	10.59	77	970839	38.54	nq	97
64) 4,6-Dinitro-2-methylphenol	10.50	198	170662	44.73	nq	# 66
65) n-Nitrosodiphenylamine	10.56	169	836053	41.58	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	252003	38.32	nq	95
67) Hexachlorobenzene	10.99	284	257733	39.66	nq	96
68) Atrazine	11.08	200	245646	38.07	nq	99
69) Pentachlorophenol	11.19	266	140879	45.41	nq	97
70) Phenanthrene	11.40	178	1353181	37.52	nq	99
71) Anthracene	11.46	178	1459676	40.30	nq	97
72) Carbazole	11.61	167	1239967	35.82	nq	99
73) Di-n-butylphthalate	11.94	149	1593833	42.57	nq	# 97
74) Fluoranthene	12.59	202	1504336	40.44	nq	93
76) Benzidine	12.71	184	656635	32.23	nq	99
77) Pyrene	12.82	202	1510149	42.21	nq	99
79) Butylbenzylphthalate	13.43	149	649380	44.69	nq	97
80) Benzo(a)anthracene	14.00	228	1158156	39.61	nq	100
81) 3,3'-Dichlorobenzidine	13.96	252	413358	39.66	nq	99
82) Chrysene	14.04	228	1176461	42.97	nq	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	813595	40.94	nq	99
84) Di-n-octyl phthalate	14.60	149	1421998	43.95	nq	99
85) Indeno(1,2,3-cd)pyrene	16.84	276	787009	37.11	nq	# 94
87) Benzo(b)fluoranthene	15.03	252	1172693m	46.22	nq	
88) Benzo(k)fluoranthene	15.06	252	766673m	35.00	nq	
89) Benzo(a)pyrene	15.38	252	888988	40.51	nq	97
90) Dibenzo(a,h)anthracene	16.85	278	665691	37.53	nq	# 96
91) Benzo(g,h,i)perylene	17.27	276	679002	37.90	nq	# 90

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

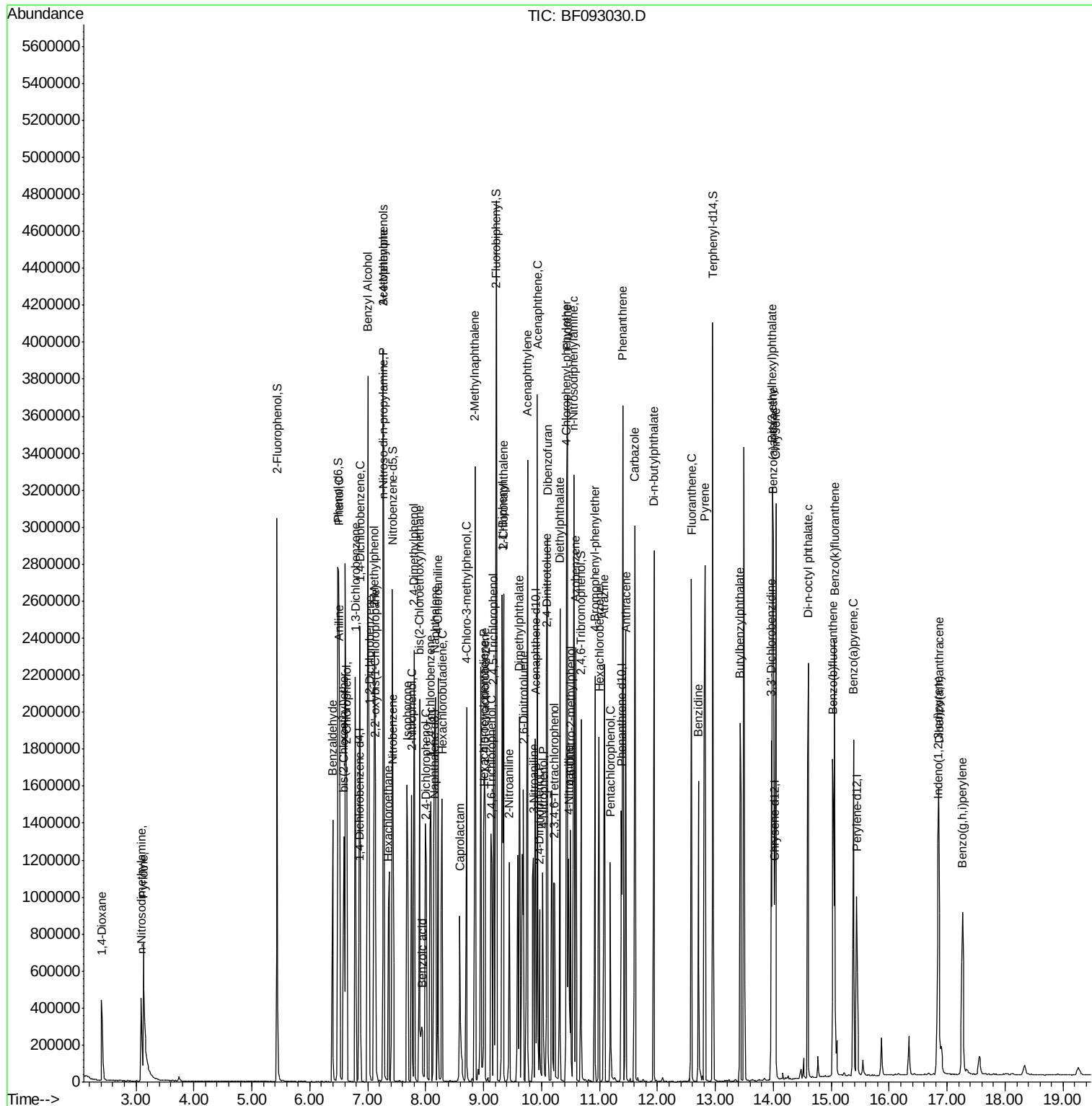
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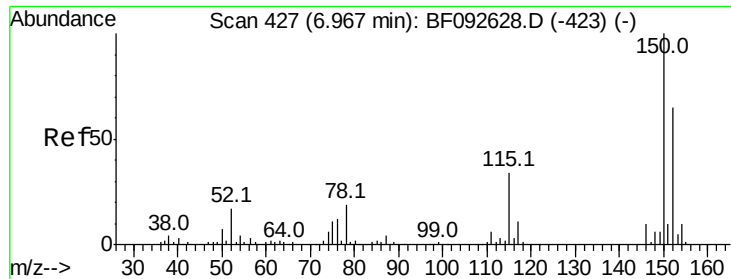
Instrument :
 BNA_F
 Client Sample ID :
 SSTDCCC040

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

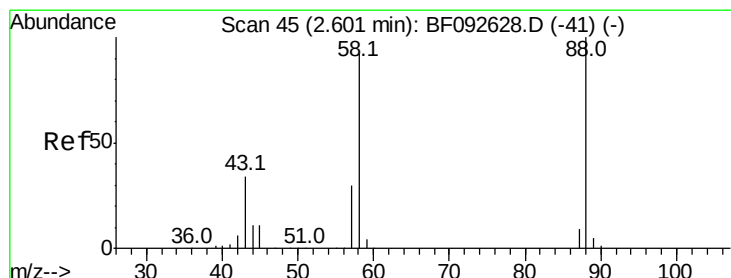
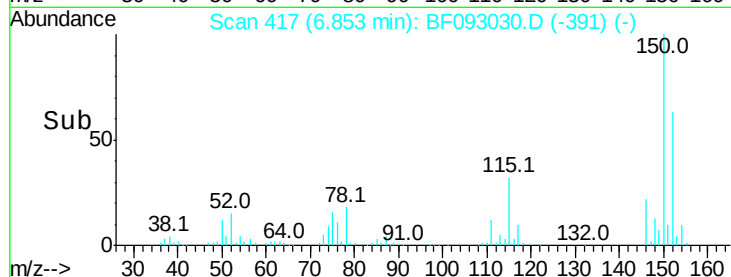
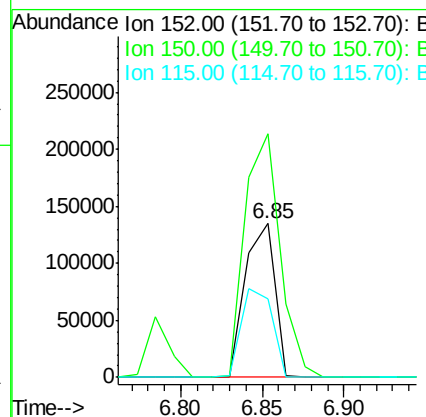
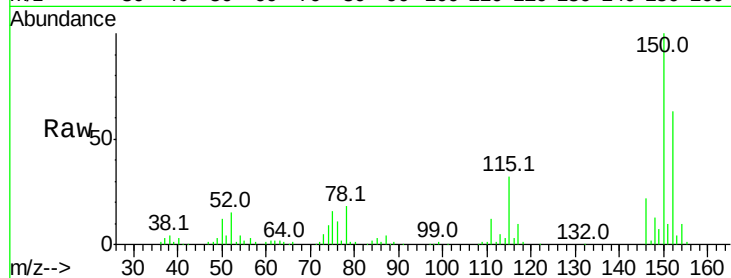
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	168987
Ion Ratio	Lower	Upper	
152	100		
150	158.2	124.9	187.3
115	51.2	46.0	69.0

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#2

1,4-Dioxane

Concen: 40.87 ng

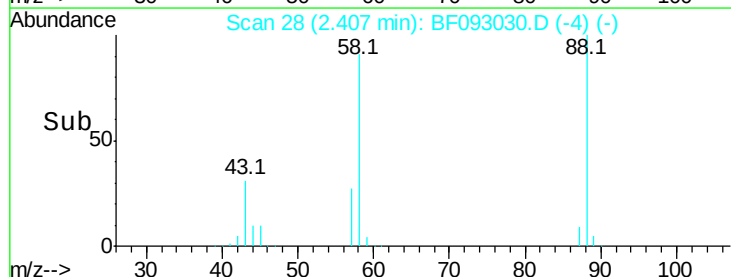
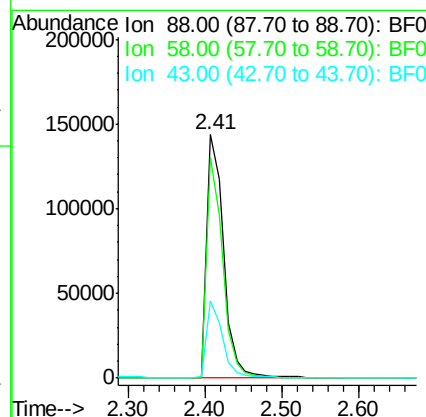
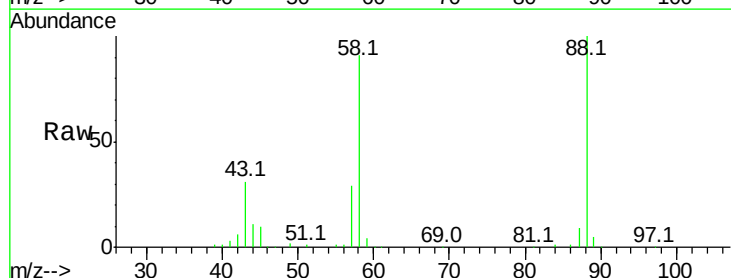
RT: 2.41 min Scan# 28

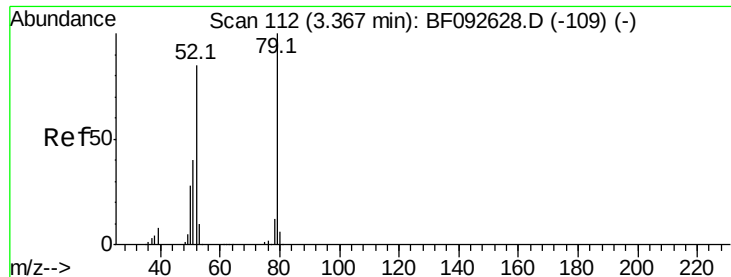
Delta R.T. -0.02 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Tgt Ion:	88	Resp:	217549
Ion Ratio	Lower	Upper	
88	100		
58	86.0	57.8	86.8
43	29.8	22.3	33.5





#3

Pvridine

Concen: 42.57 ng

RT: 3.13 min Scan# 91

Delta R.T. -0.02 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

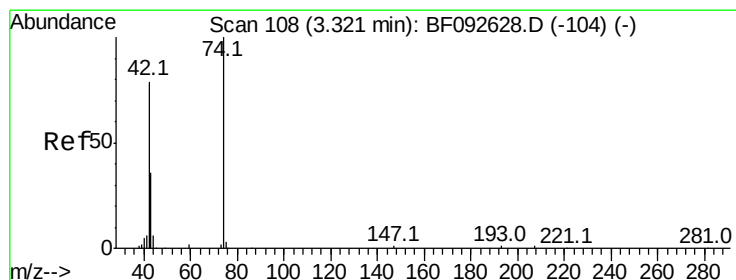
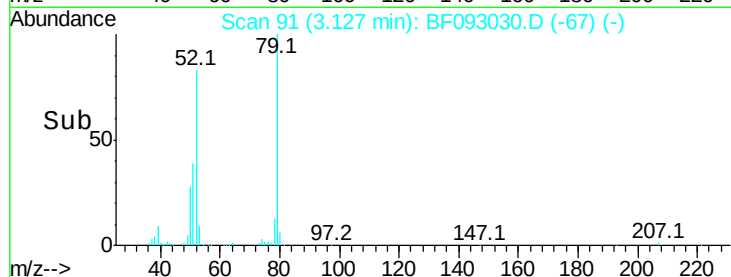
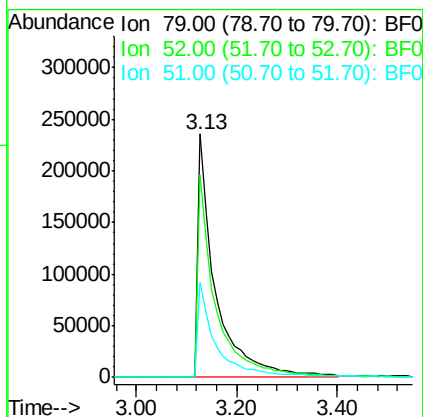
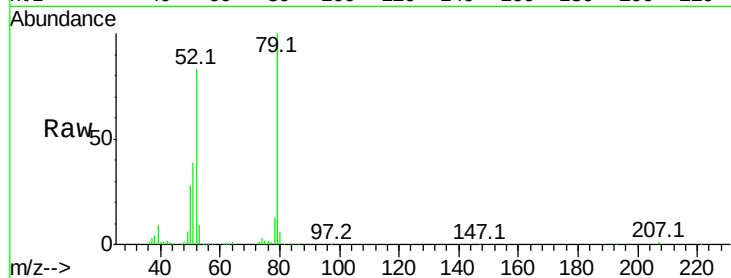
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	576194
Ion Ratio	Lower	Upper	
79	100		
52	83.0	57.1	85.7
51	39.0	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 39.93 ng

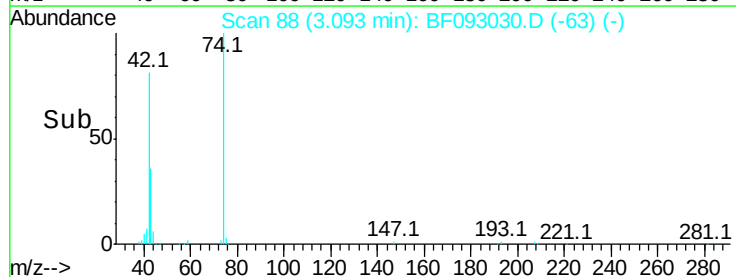
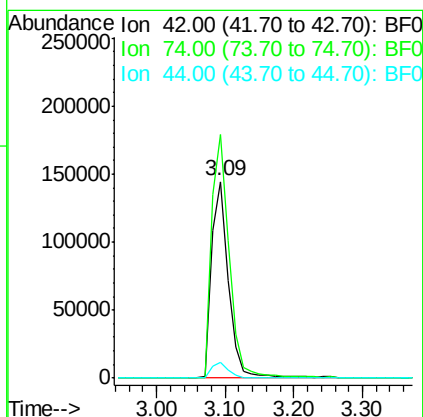
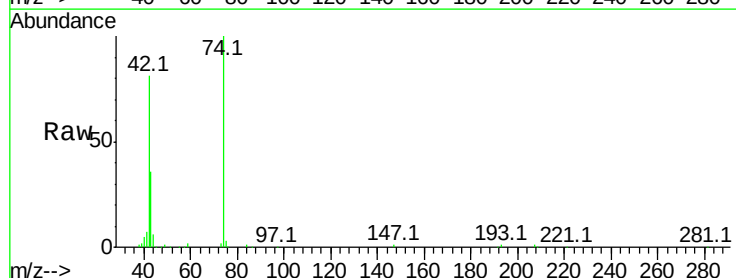
RT: 3.09 min Scan# 88

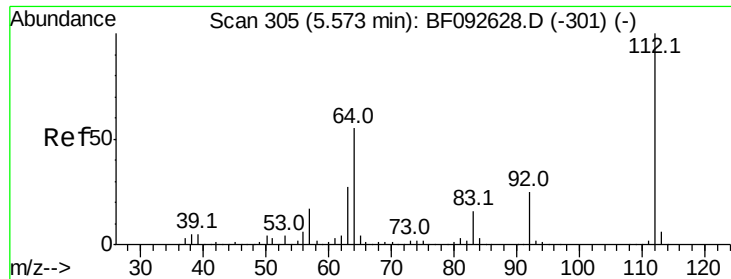
Delta R.T. -0.01 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Tgt Ion:	42	Resp:	253773
Ion Ratio	Lower	Upper	
42	100		
74	123.8	117.0	175.4
44	7.7	5.5	8.3





#5

2-Fluorophenol

Concen: 82.20 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

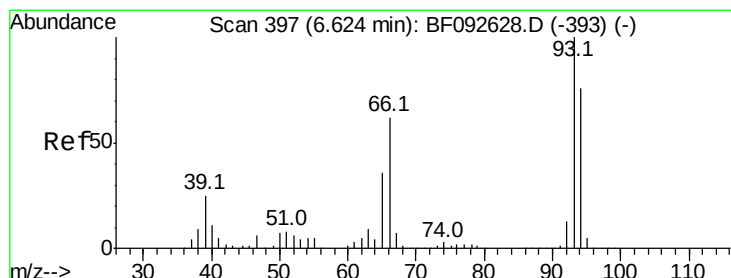
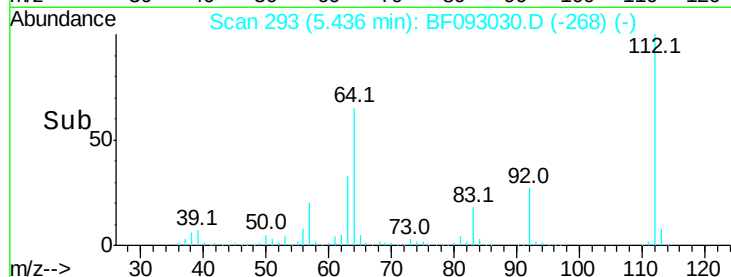
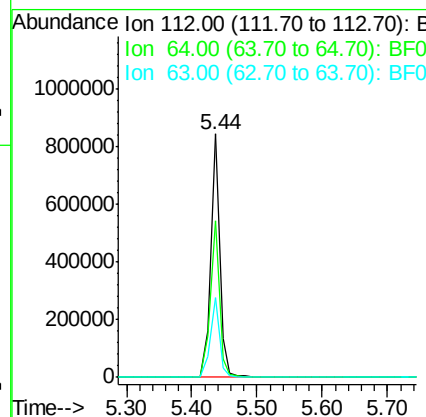
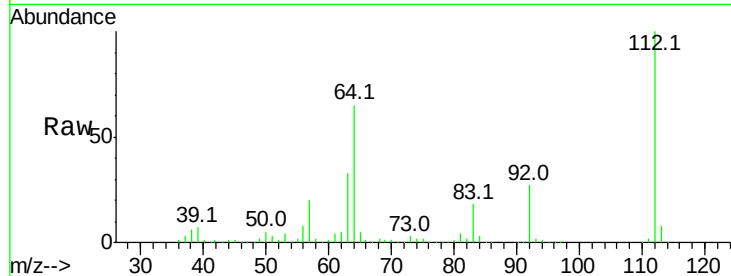
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
112	100	809706		
64	64.5	46.1	69.1	
63	32.6	23.8	35.6	

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#6

Aniline

Concen: 43.05 ng

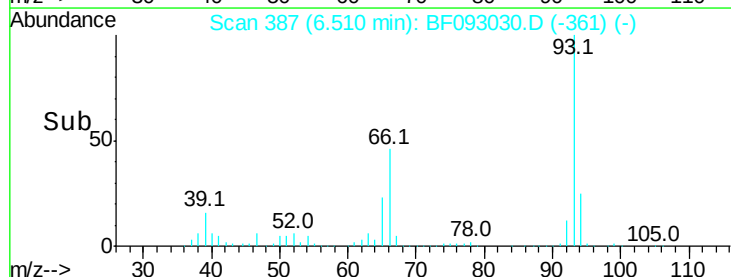
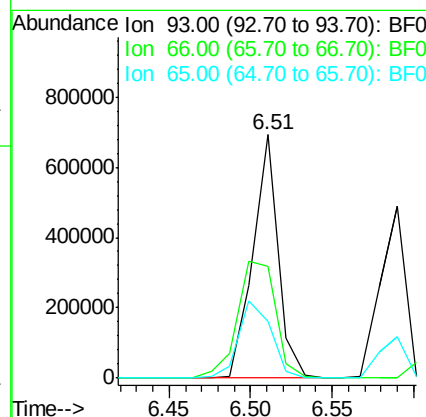
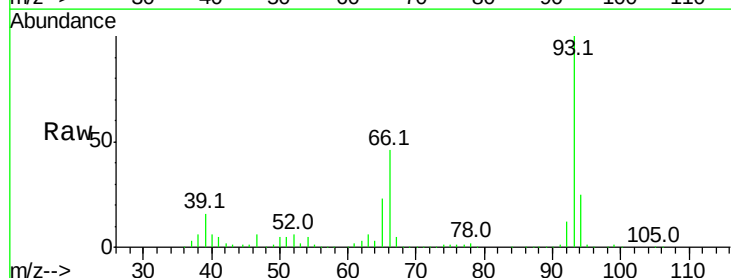
RT: 6.51 min Scan# 387

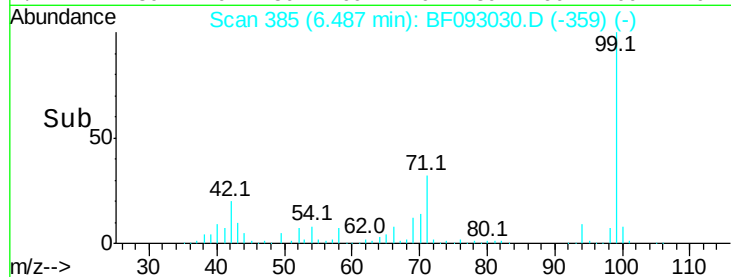
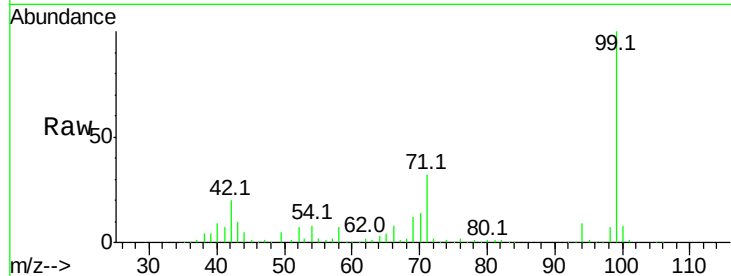
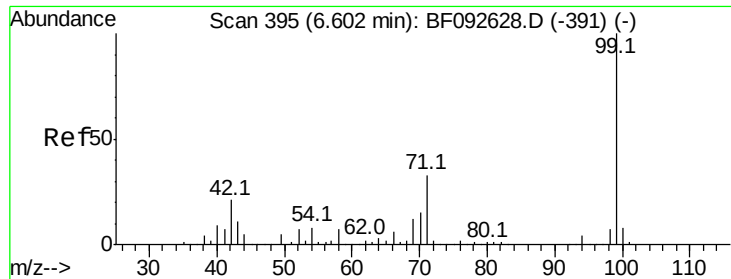
Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	744188		
66	45.8	76.2	114.2#	
65	23.4	49.3	73.9#	





#7

Phenol-d6

Concen: 81.60 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Tot Ion: 99 Resp: 1034221

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

71 31.8 27.5 41.3

Instrument :

BNA_F

ClientSampleId :

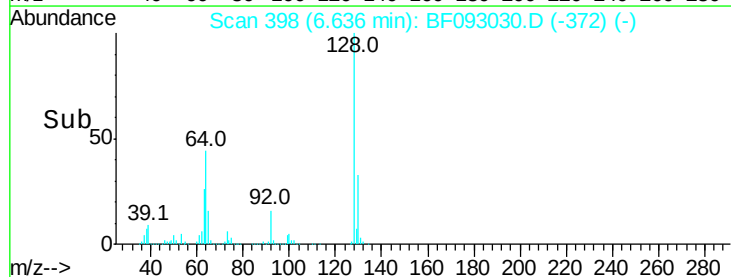
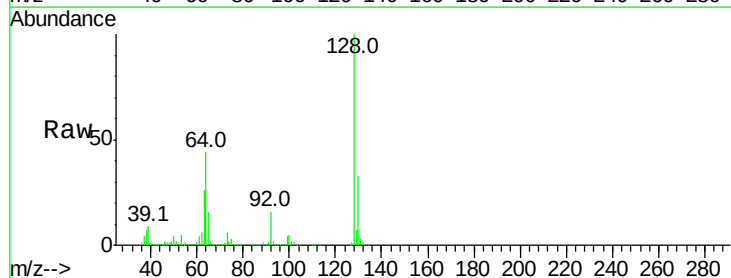
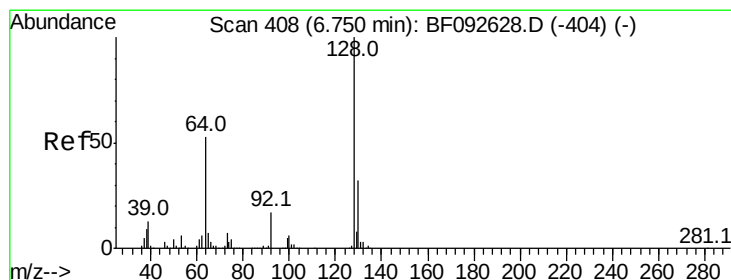
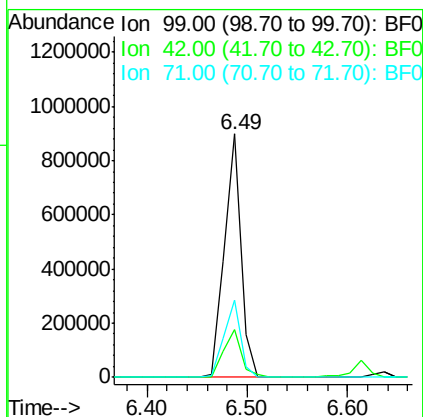
SSTDCCC040

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#8

2-Chlorophenol

Concen: 43.08 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

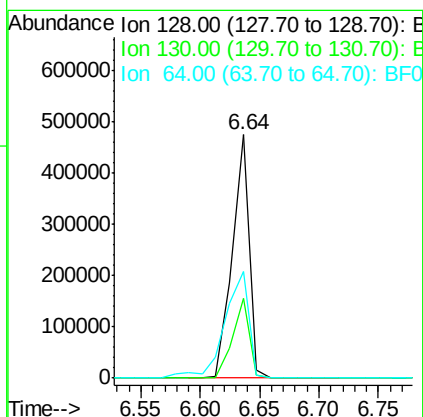
Tgt Ion:128 Resp: 468096

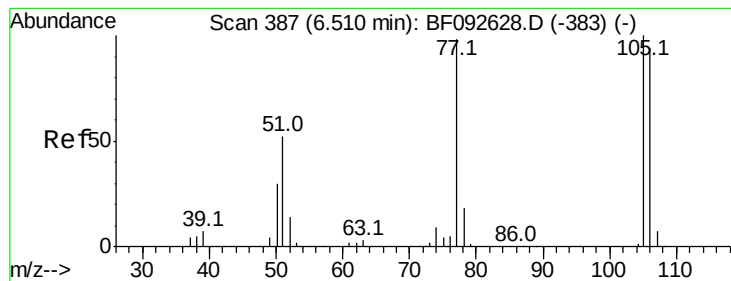
Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

64 43.9 32.2 72.2





#9

Benzaldehyde

Concen: 36.56 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

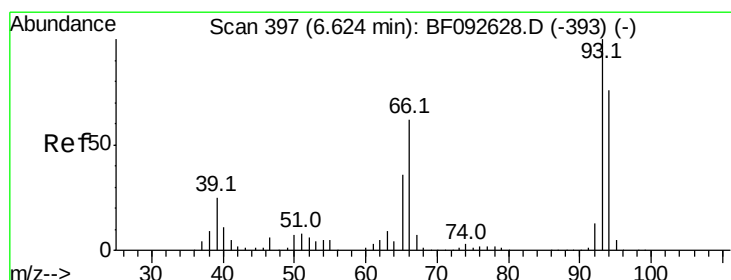
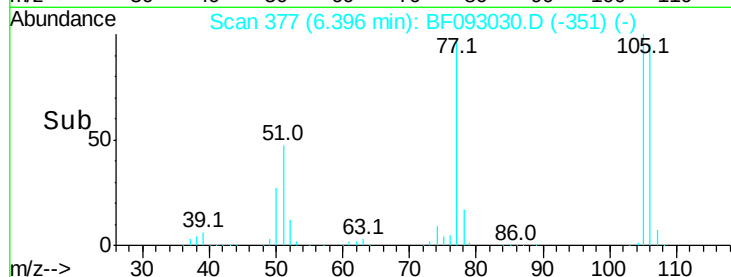
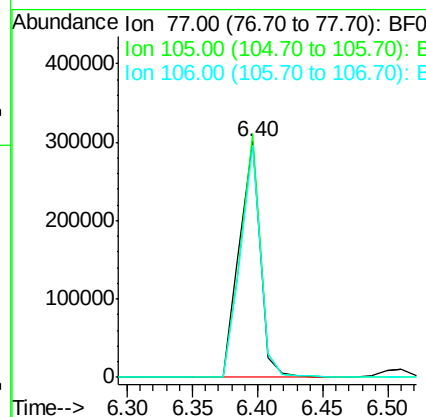
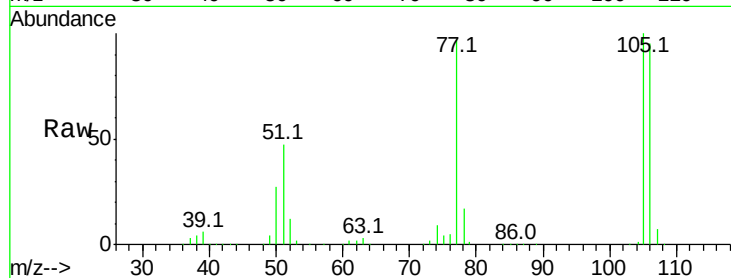
ClientSampleId :

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Tot Ion:	77	Resp:	331977
Ion Ratio	Lower	Upper	
77	100		
105	103.3	83.9	123.9
106	98.2	77.6	117.6

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#10

Phenol

Concen: 38.99 ng

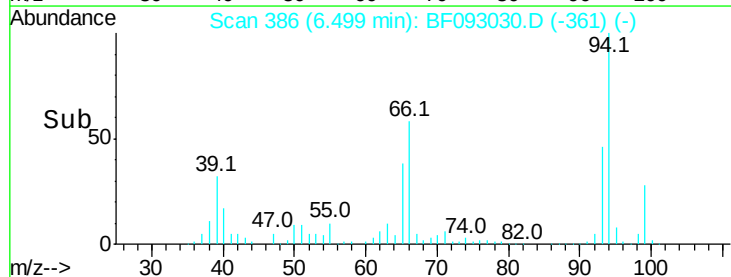
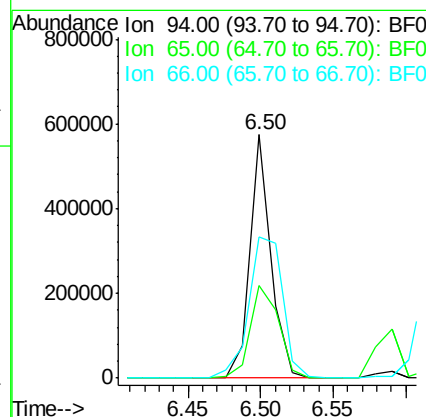
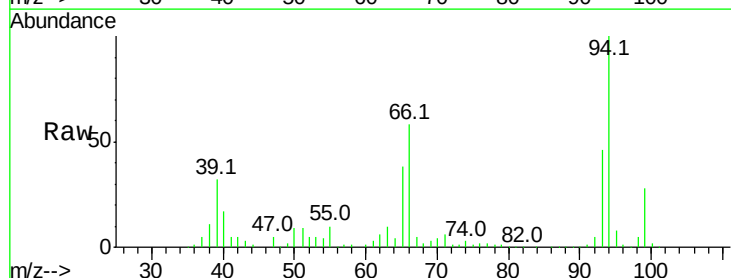
RT: 6.50 min Scan# 386

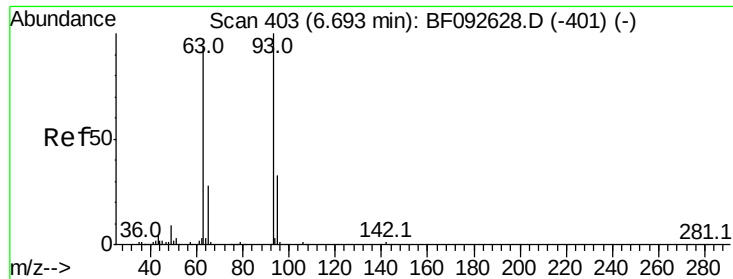
Delta R.T. -0.01 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Tgt Ion:	94	Resp:	578126
Ion Ratio	Lower	Upper	
94	100		
65	38.3	21.4	61.4
66	57.8	44.0	84.0





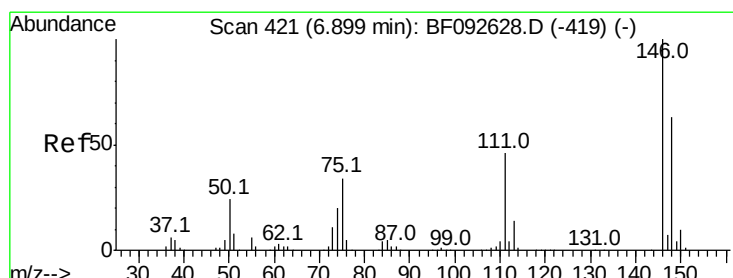
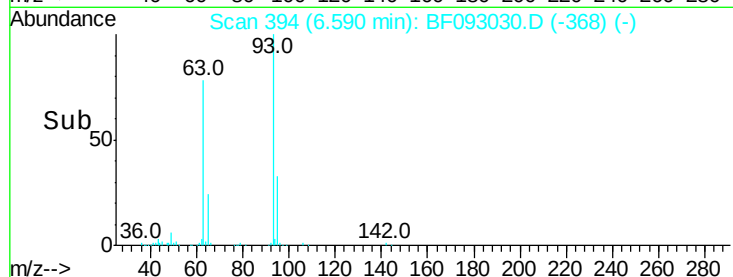
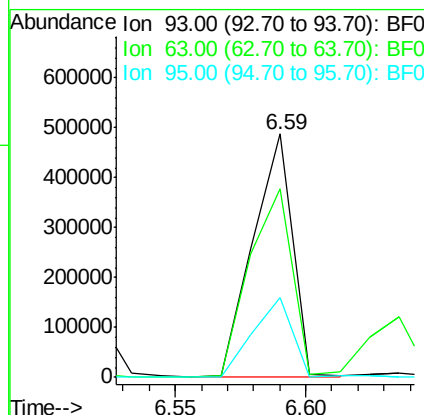
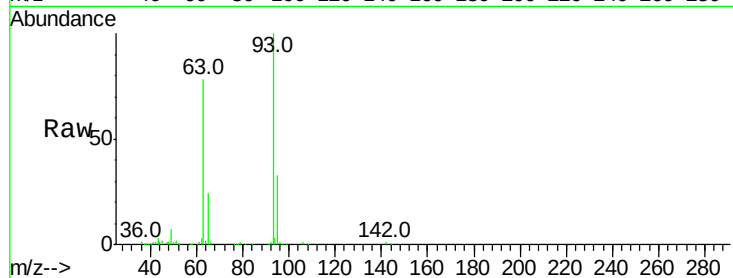
#11
bis(2-Chloroethyl)ether
Concen: 43.43 ng
RT: 6.59 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.6	60.4	100.4
95	32.8	12.8	52.8

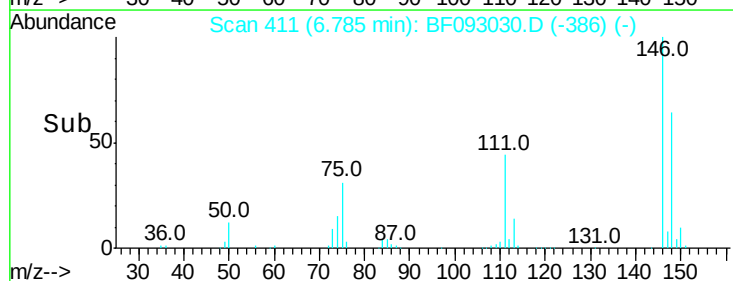
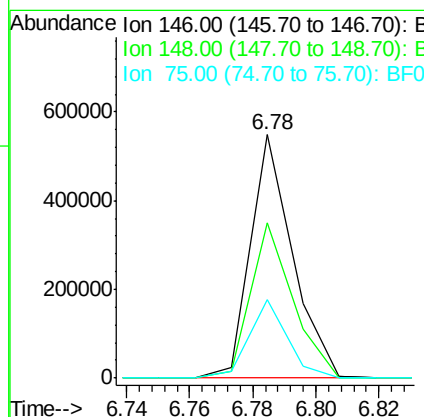
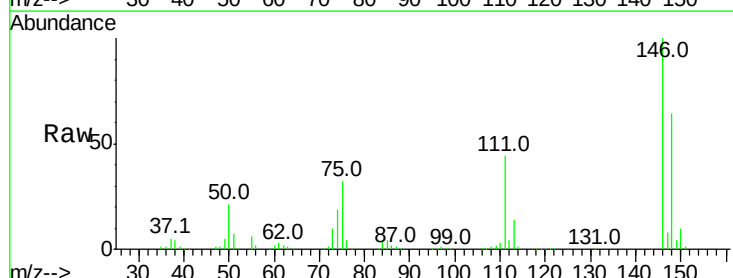
Manual Integrations
APPROVED

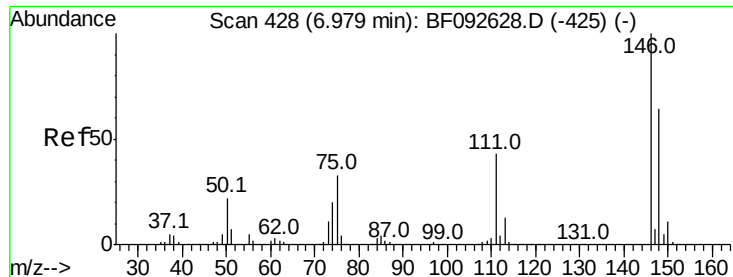
mohammad
2/21/2017 3:57:24 PM



#12
1,3-Dichlorobenzene
Concen: 40.06 ng m
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	53.4	80.0
75	32.1	18.5	27.7#





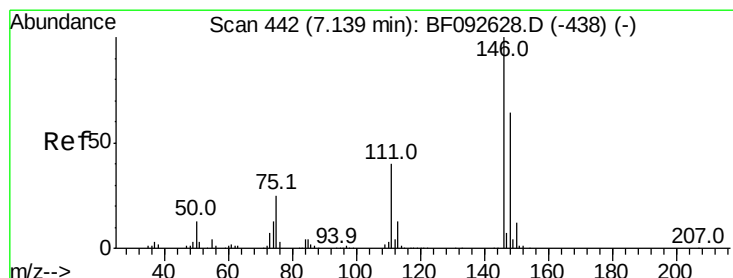
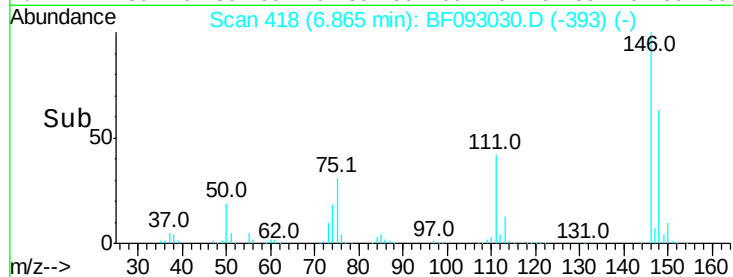
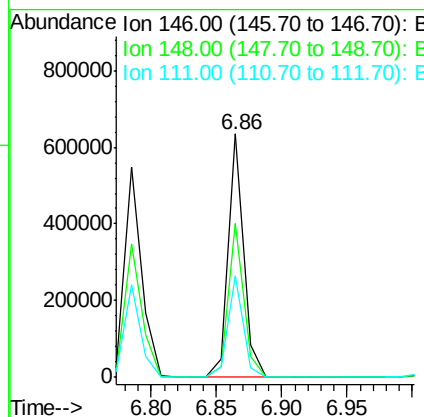
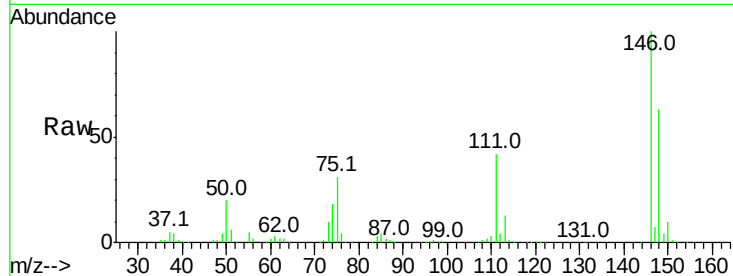
#13
 1,4-Dichlorobenzene
 Concen: 41.07 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
111	41.5	36.2	54.4

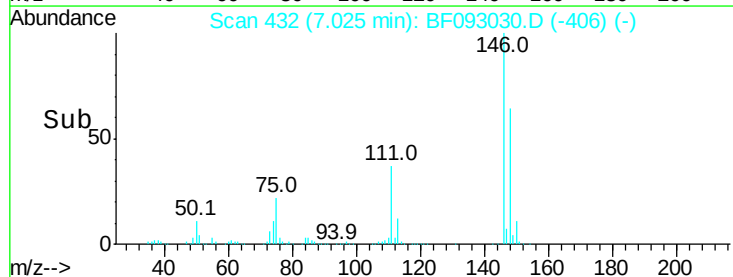
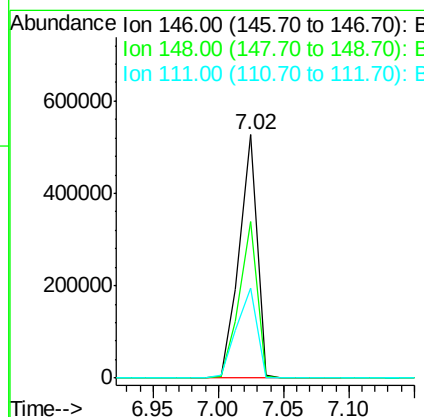
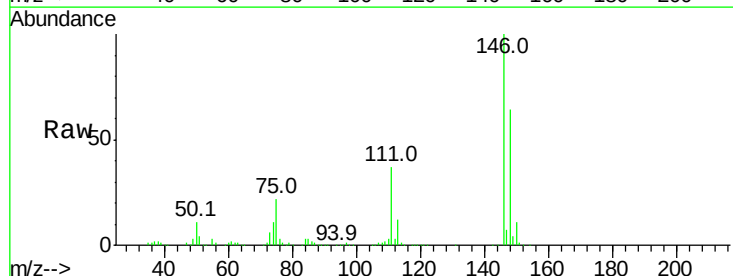
Manual Integrations
 APPROVED

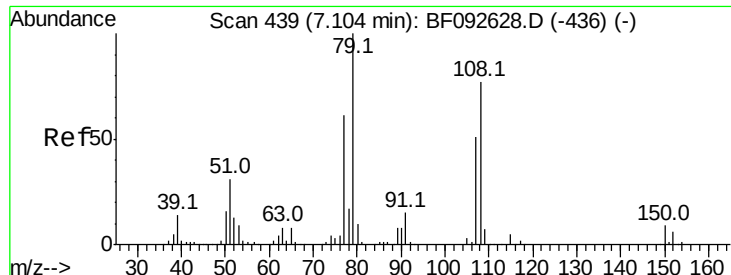
mohammad
 2/21/2017 3:57:24 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.60 ng
 RT: 7.02 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.2	78.2
111	36.8	36.2	54.2





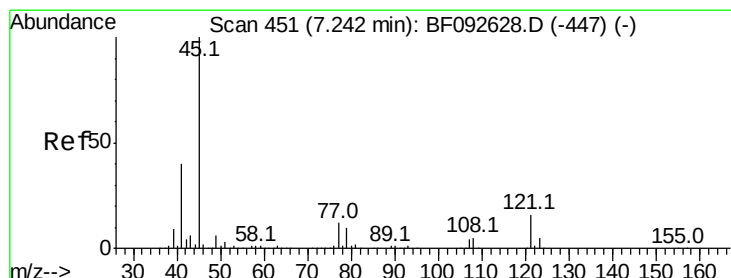
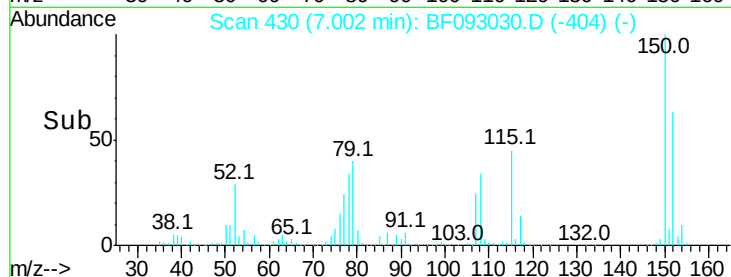
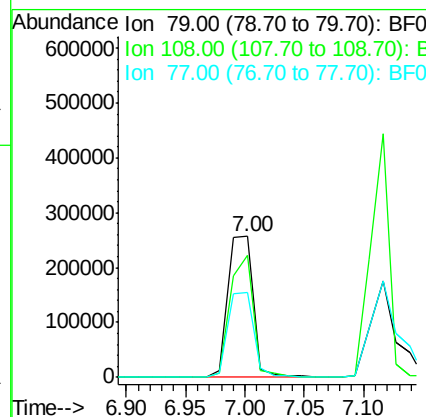
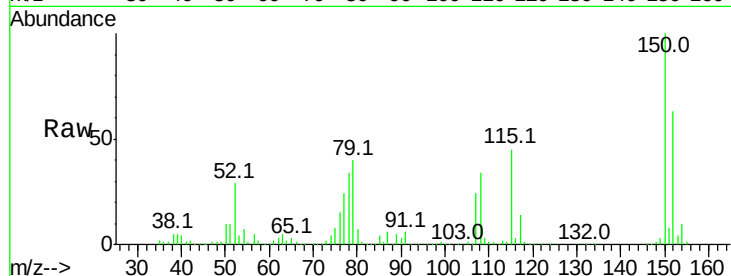
#15
Benzyl Alcohol
Concen: 40.41 ng
RT: 7.00 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	86.1	61.4	92.0
77	60.6	50.9	76.3

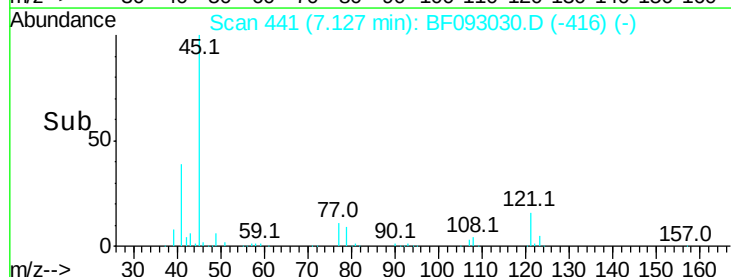
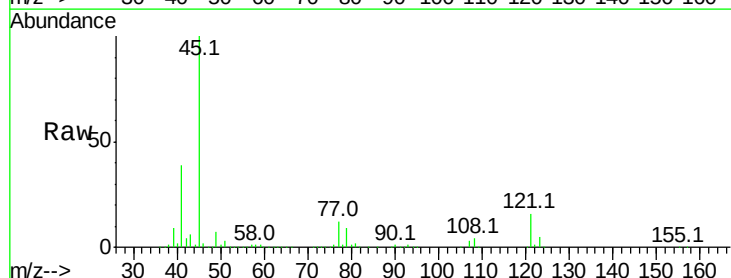
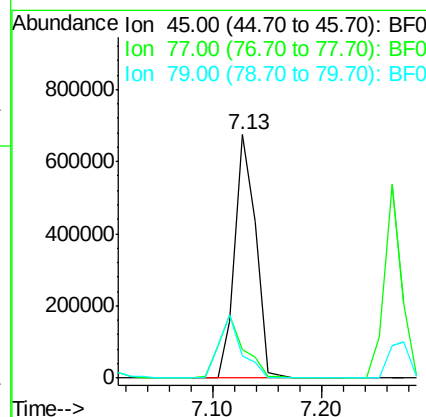
Manual Integrations
APPROVED

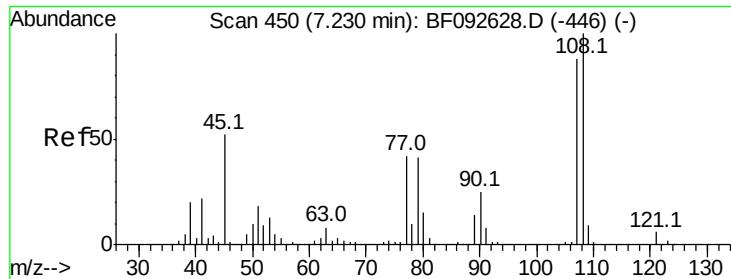
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.00 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.0	0.0	34.6
79	9.3	0.0	31.2





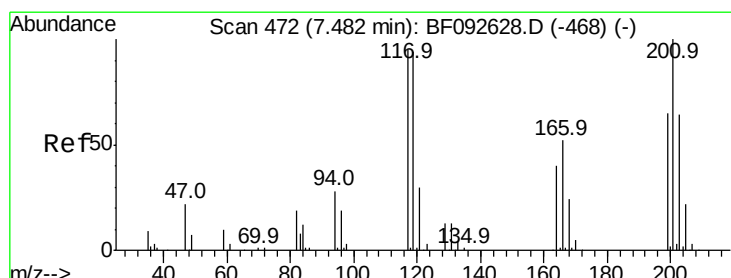
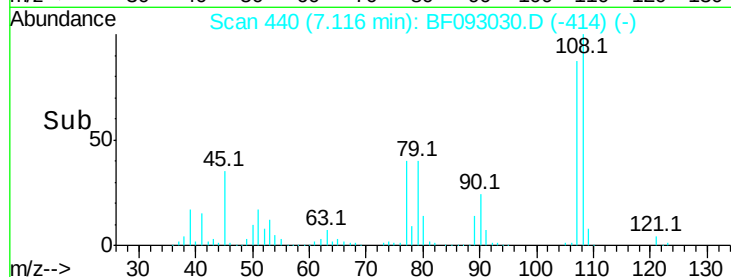
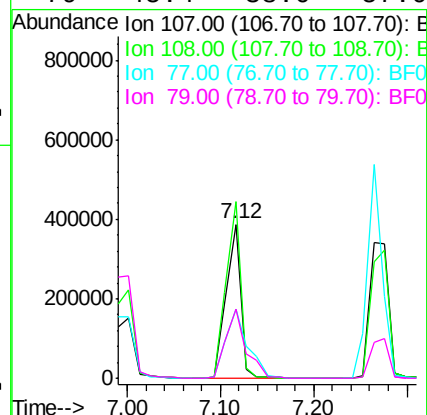
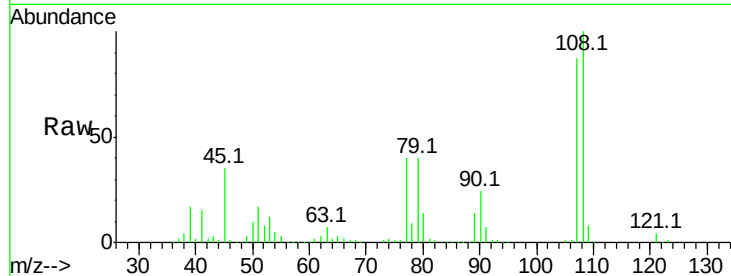
#17
2-Methylphenol
Concen: 44.84 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.8	93.0	139.6
77	45.4	39.8	59.8
79	45.4	38.0	57.0

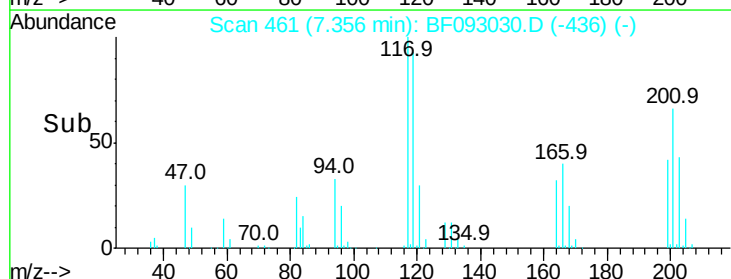
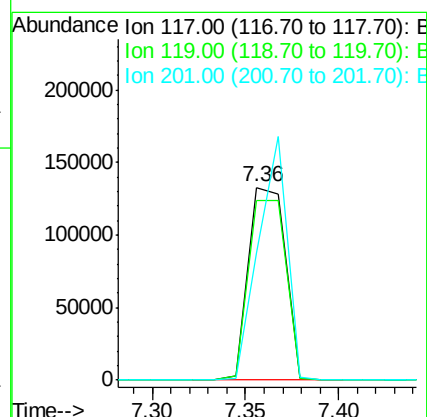
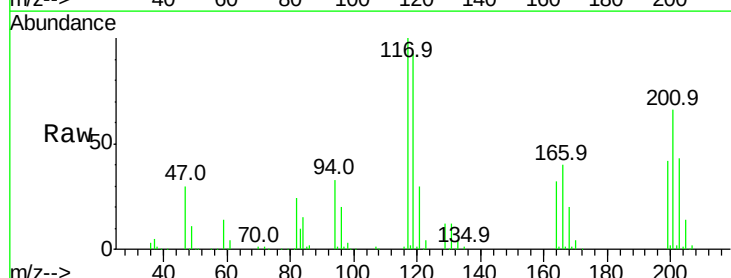
Manual Integrations
APPROVED

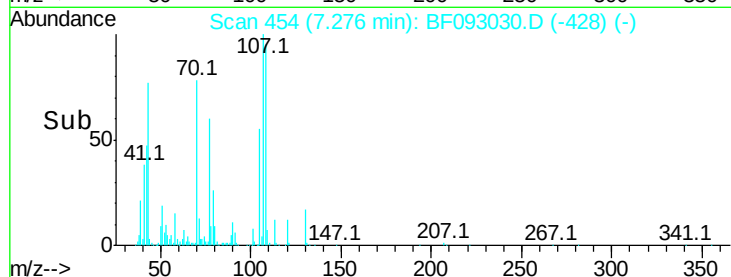
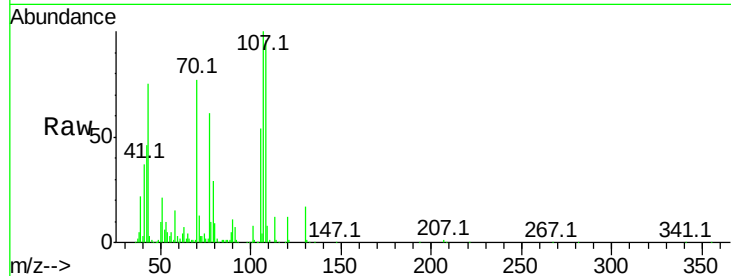
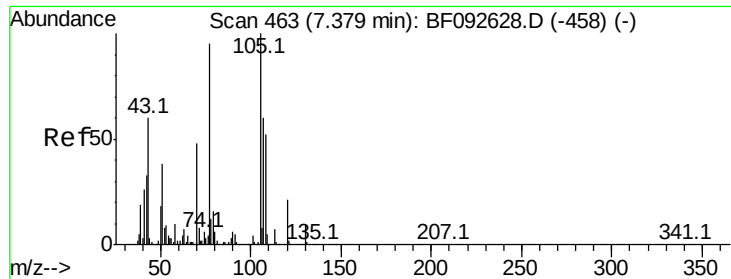
mohammad
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#18
Hexachloroethane
Concen: 41.29 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	78.1	117.1
201	66.1	78.6	117.8#





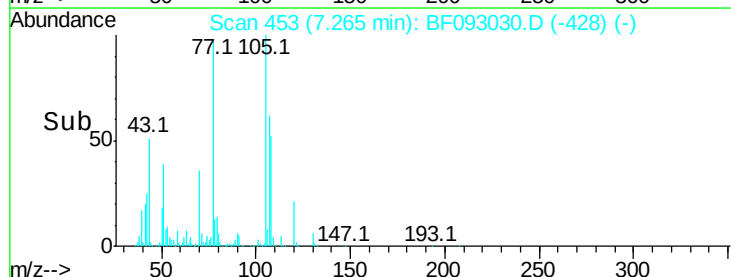
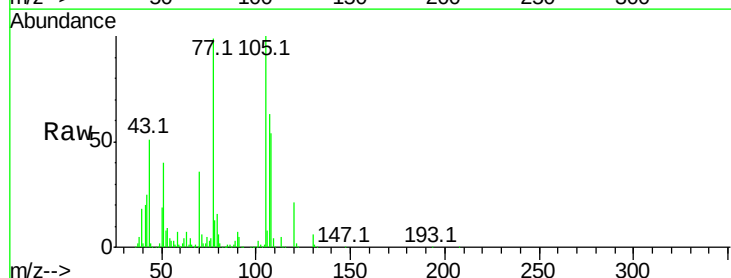
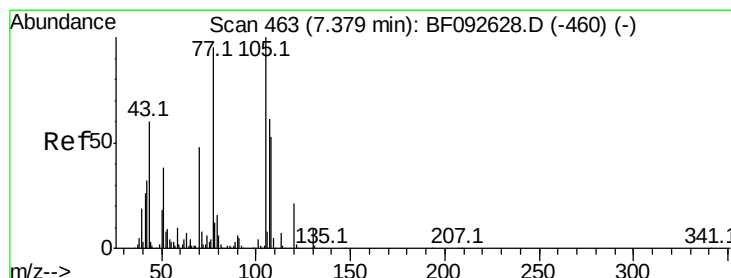
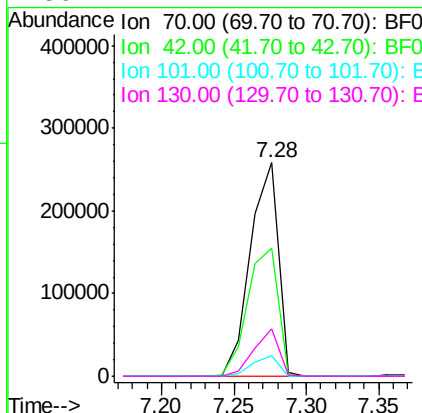
#19
n-Nitroso-di-n-propylamine
Concen: 42.74 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.1	49.4	74.0
101	9.8	7.4	11.2
130	22.4	14.2	21.4

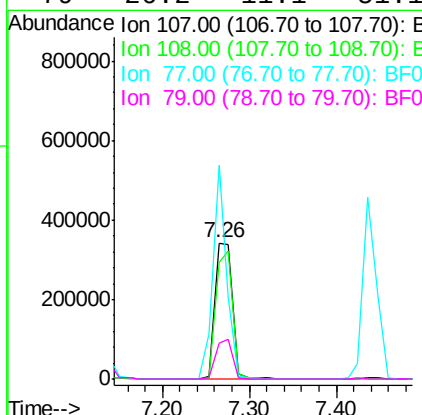
Manual Integrations
APPROVED

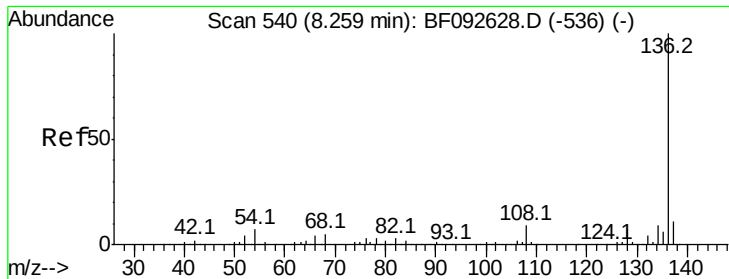
mohammad
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#20
3+4-Methylphenols
Concen: 43.46 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.5	73.0	113.0
77	157.3	71.3	111.3
79	26.2	11.1	51.1





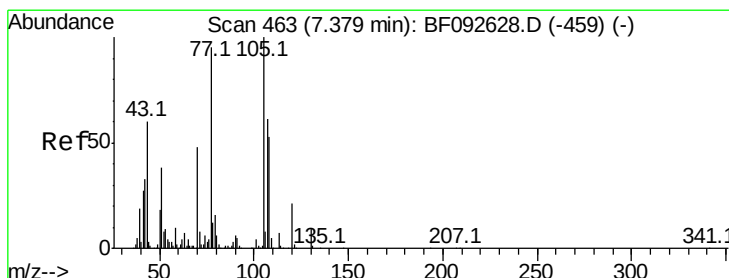
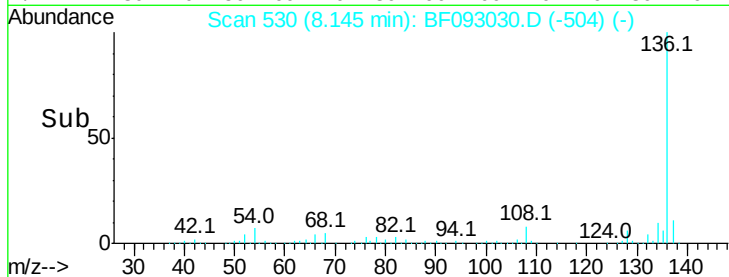
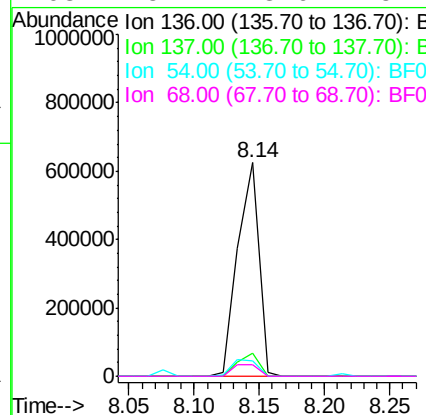
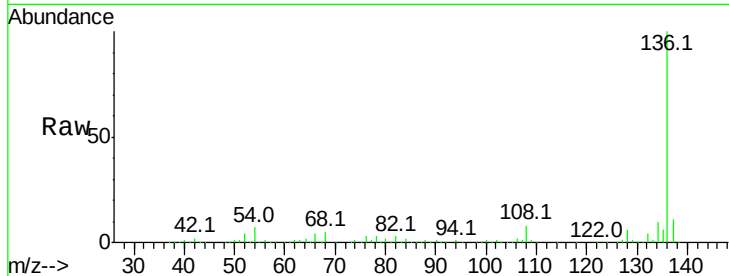
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	8.4	12.6
54	7.1	4.5	6.7#
68	5.1	3.6	5.4

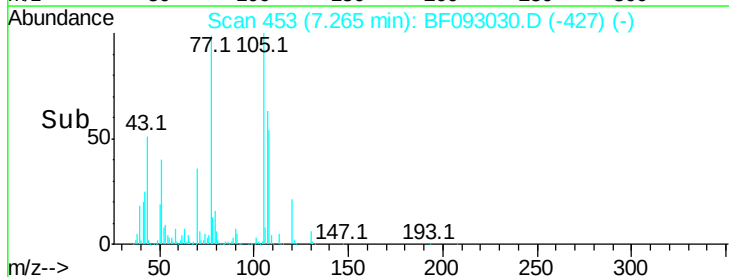
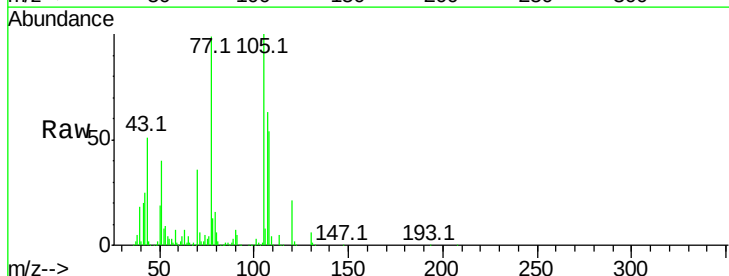
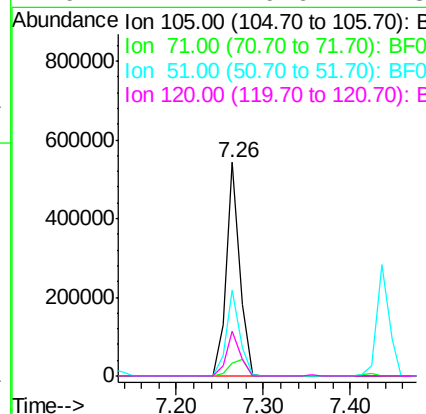
Manual Integrations
APPROVED

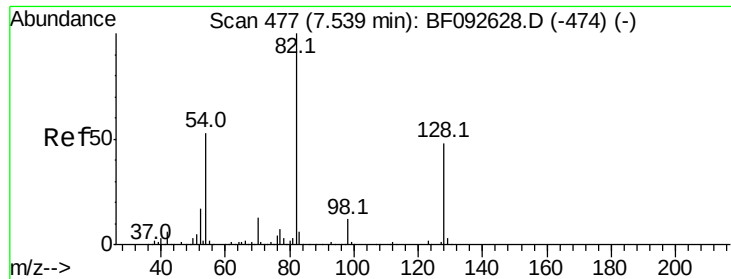
mohammad
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#22
Acetophenone
Concen: 36.99 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.3	3.2	4.8#
51	40.5	26.2	39.4#
120	21.2	16.6	24.8





#23
 Nitrobenzene-d5
 Concen: 80.18 ng
 RT: 7.42 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

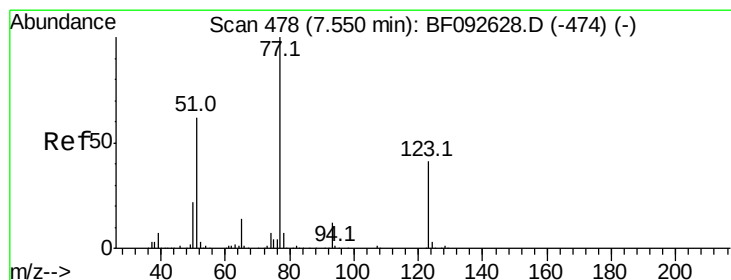
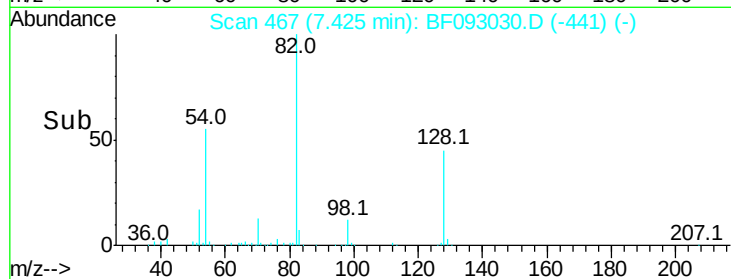
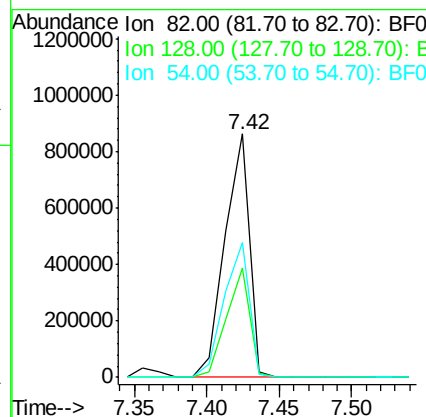
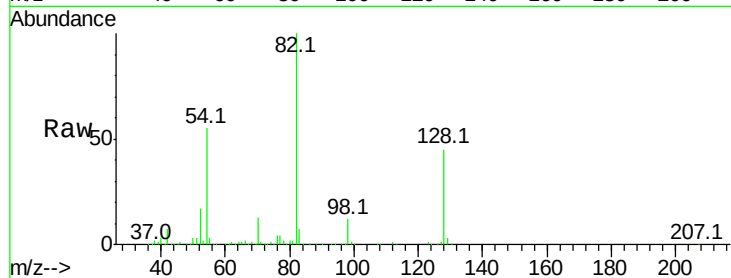
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1009470

Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.6	52.0
54	55.5	39.5	59.3

Manual Integrations
 APPROVED

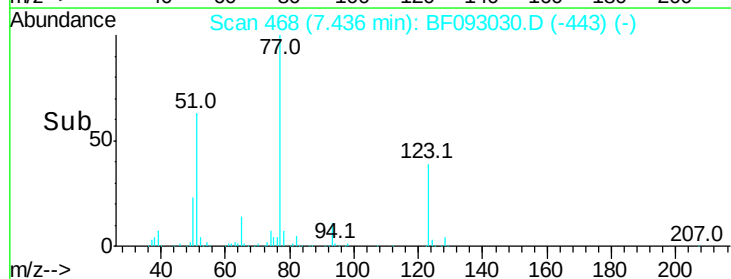
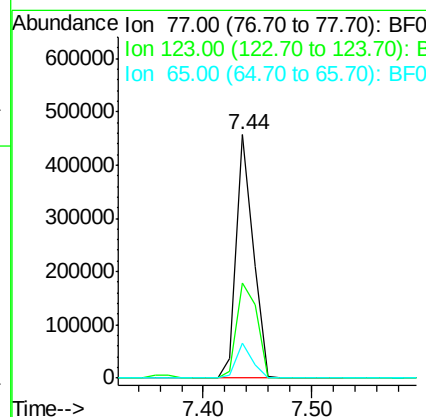
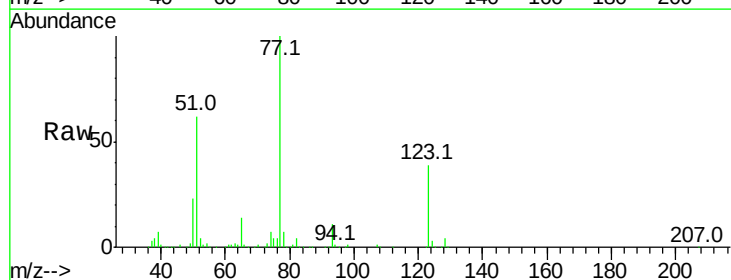
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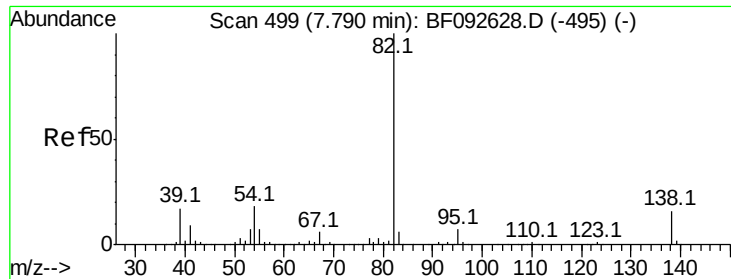


#24
 Nitrobenzene
 Concen: 37.72 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Tgt Ion: 77 Resp: 487598

Ion	Ratio	Lower	Upper
77	100		
123	39.2	33.0	49.4
65	14.3	11.2	16.8





#25

Isophorone

Concen: 40.33 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

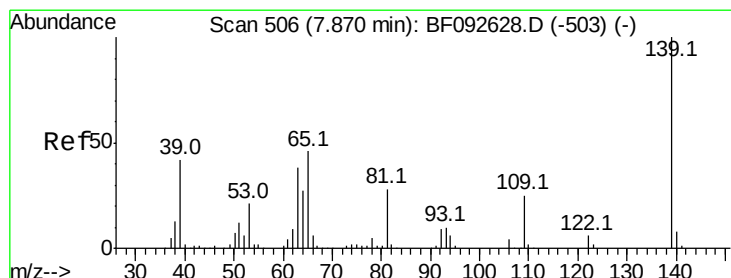
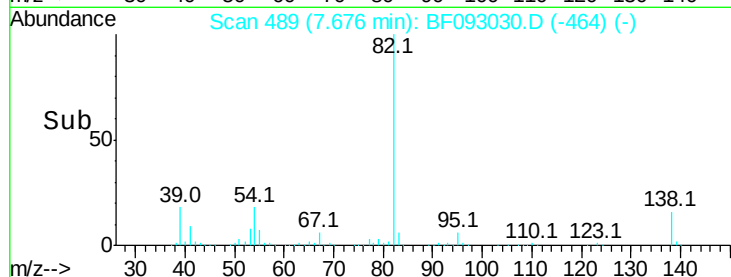
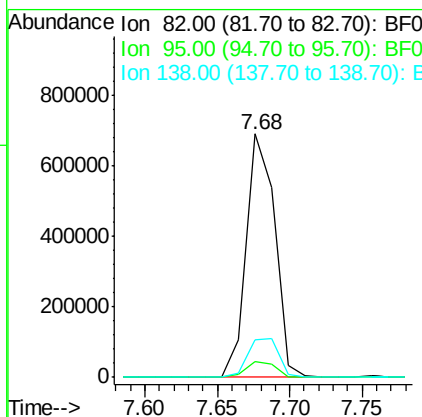
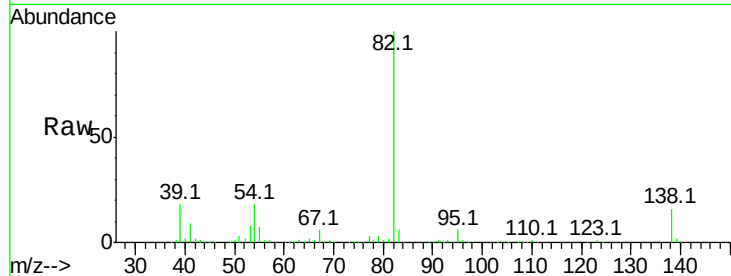
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	946105
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.6	8.4
138	15.6	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.80 ng

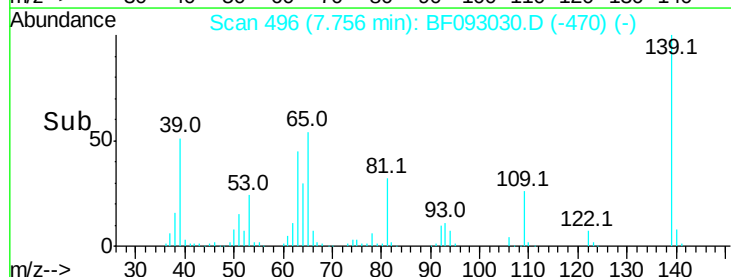
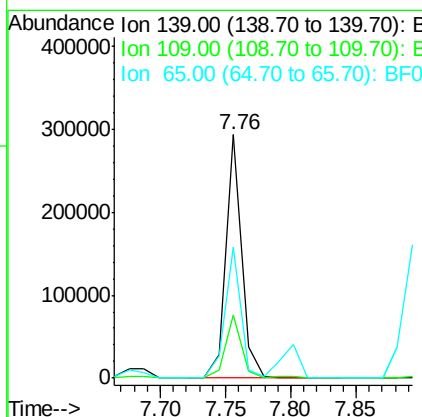
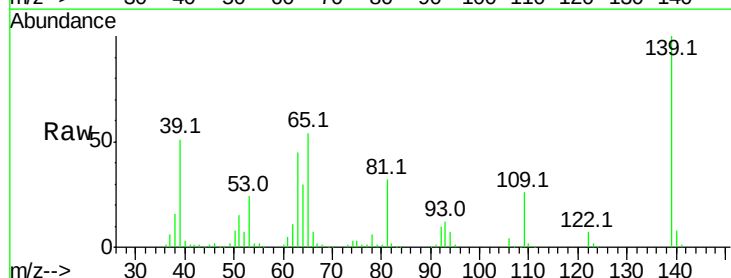
RT: 7.76 min Scan# 496

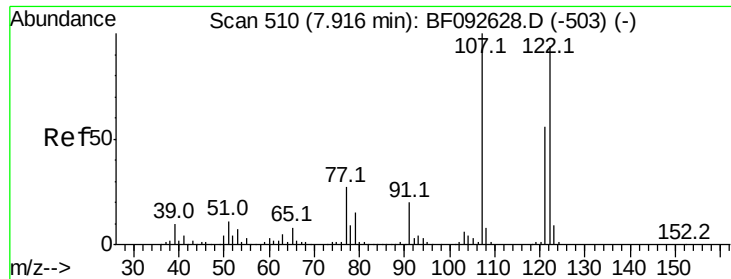
Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Tgt Ion:	139	Resp:	250707
Ion Ratio		Lower	Upper
139	100		
109	26.0	23.3	34.9
65	53.8	42.7	64.1





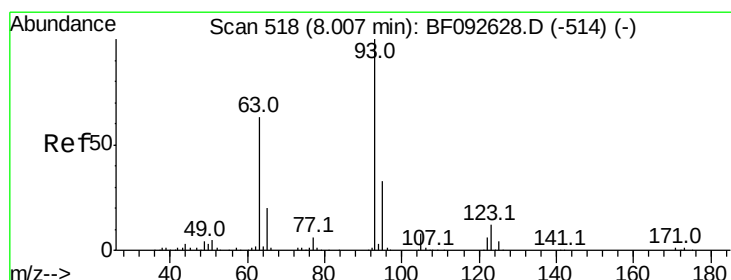
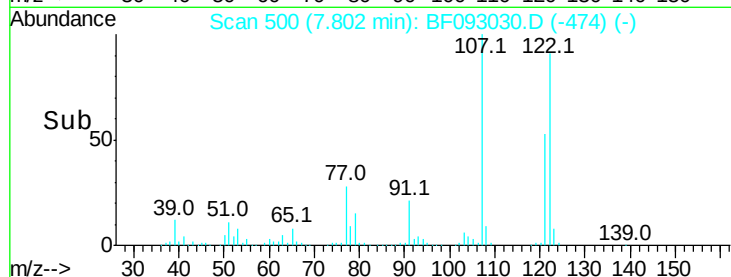
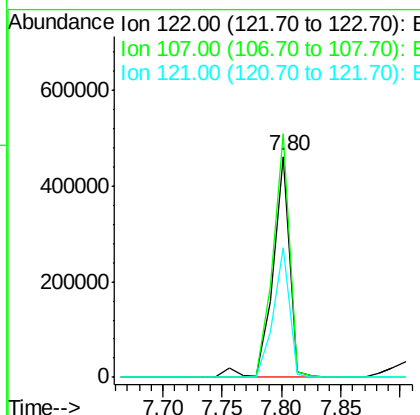
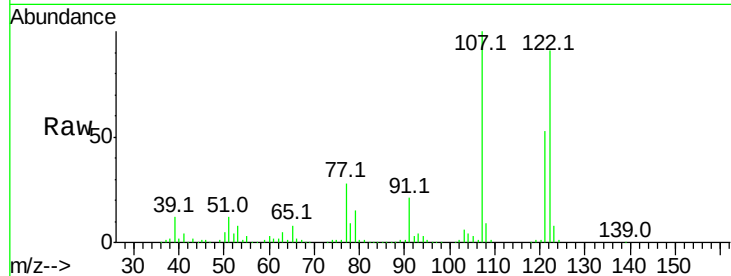
#27
 2,4-Dimethylphenol
 Concen: 42.32 ng
 RT: 7.80 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	456770		
107	110.2	94.1	141.1	
121	58.7	46.0	69.0	

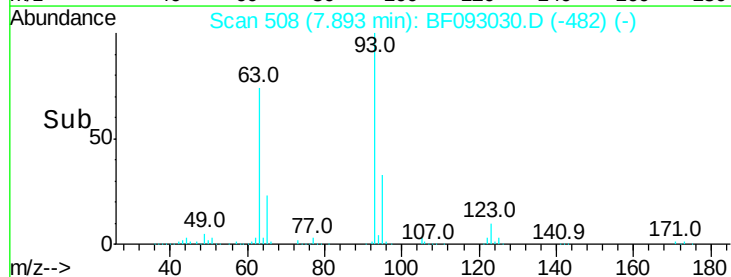
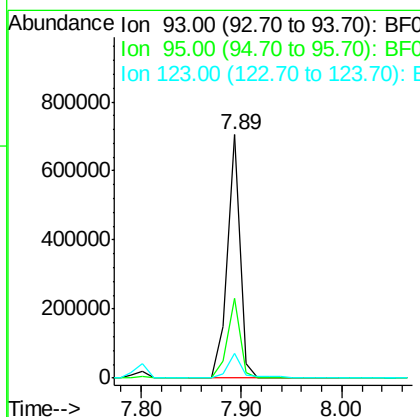
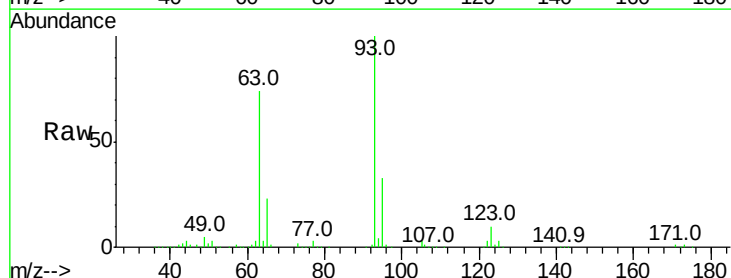
Manual Integrations
 APPROVED

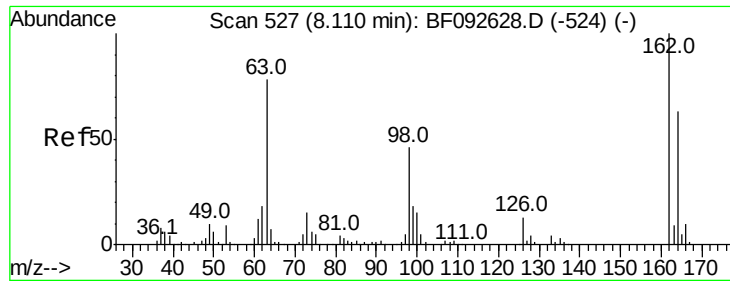
mohammad
 2/21/2017 3:57:24 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.90 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	619998		
95	32.7	26.5	39.7	
123	9.9	8.6	13.0	





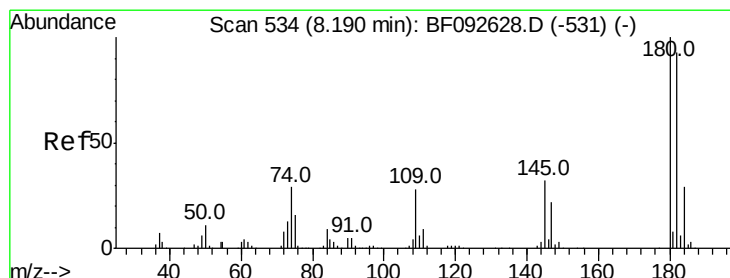
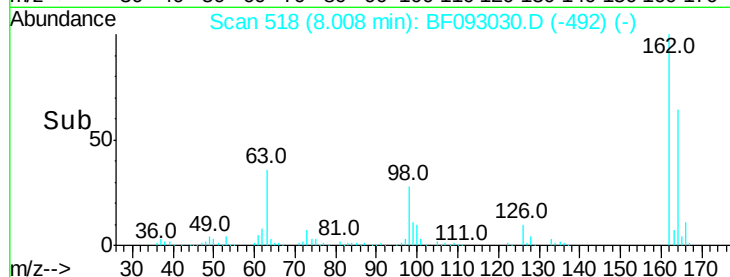
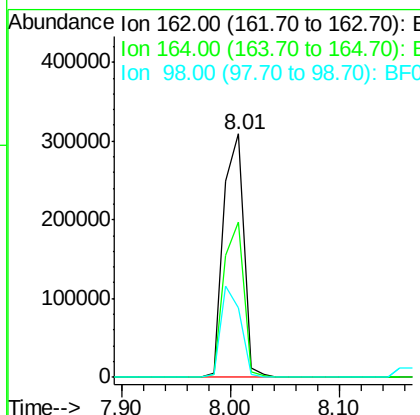
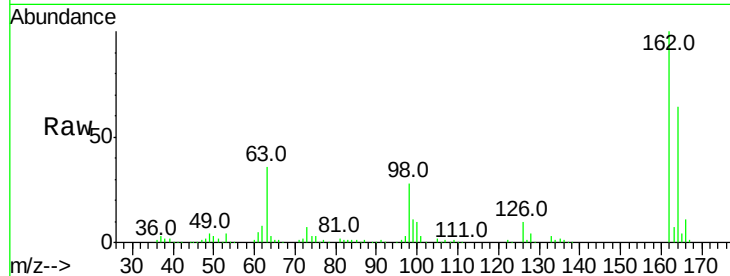
#29
 2,4-Dichlorophenol
 Concen: 39.66 ng
 RT: 8.01 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	399204		
164	64.0	46.8	86.8	
98	28.5	9.1	49.1	

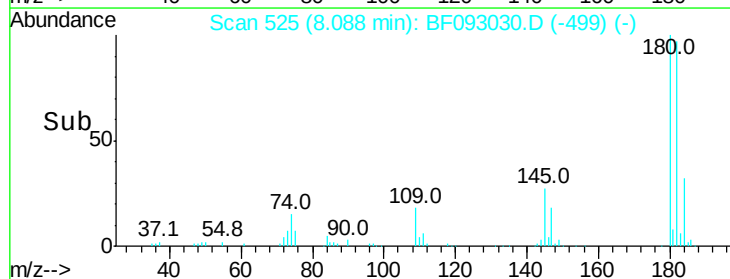
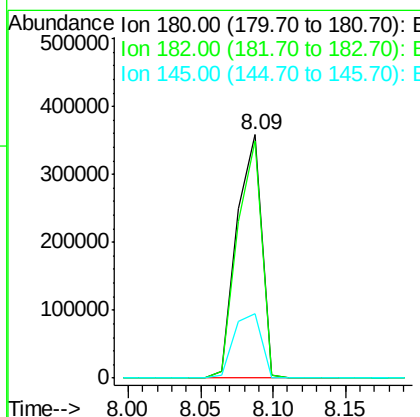
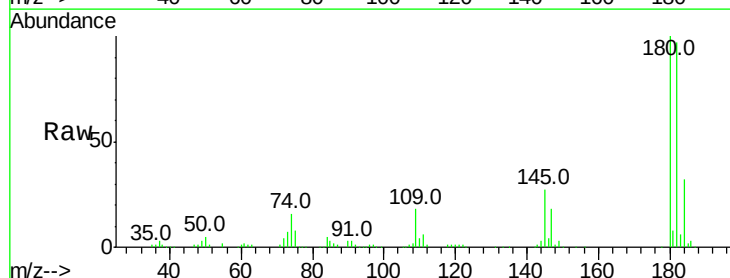
Manual Integrations
 APPROVED

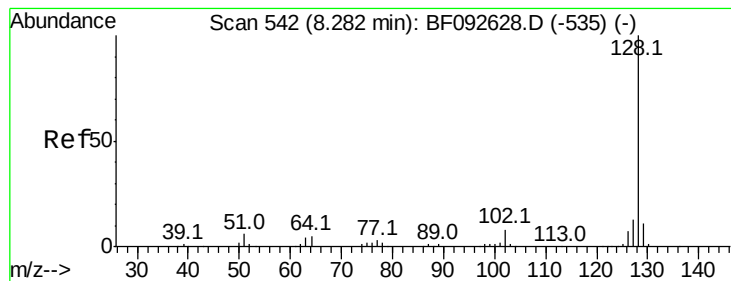
mohammad
 2/21/2017 3:57:24 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.42 ng
 RT: 8.09 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	427570		
182	97.4	78.2	117.4	
145	26.7	21.6	32.4	





#31

Naphthalene

Concen: 38.98 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1385522

Ion Ratio Lower Upper

128 100

129 10.7 9.5 14.3

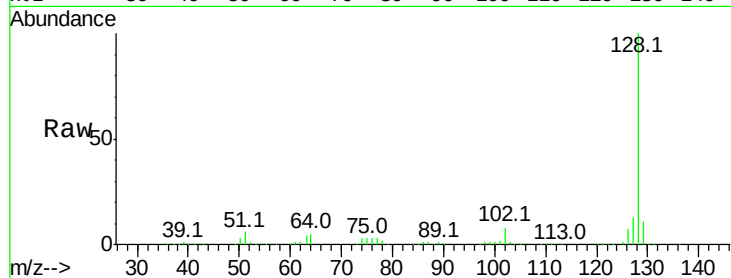
127 13.4 10.8 16.2

Manual Integrations

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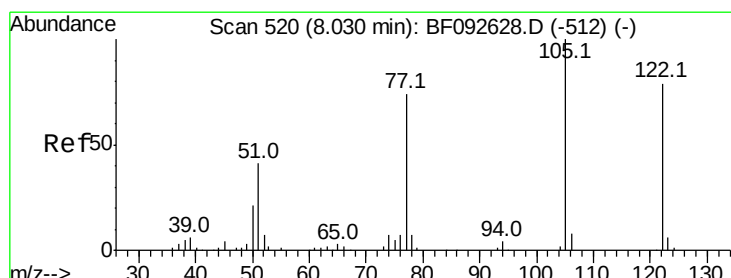
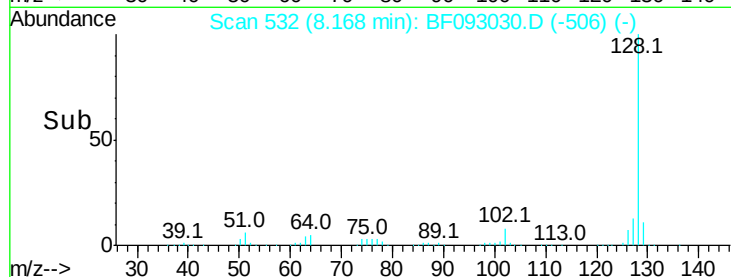
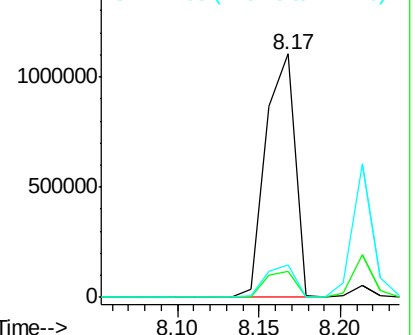
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.68 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

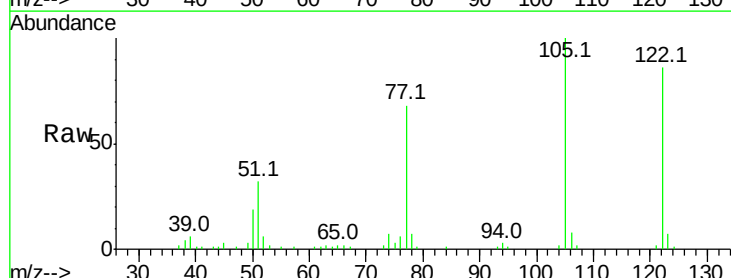
Tgt Ion:122 Resp: 176175

Ion Ratio Lower Upper

122 100

105 115.7 107.2 147.2

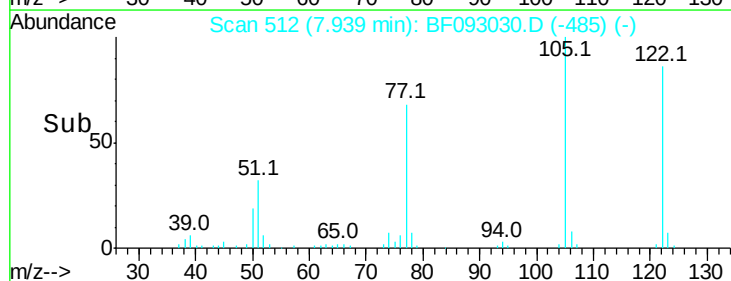
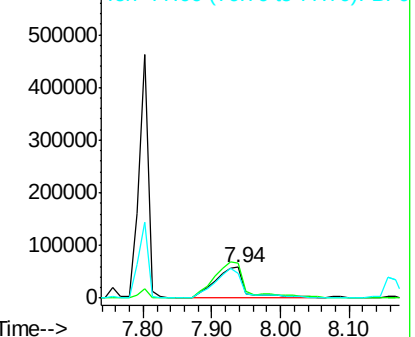
77 78.9 74.5 114.5

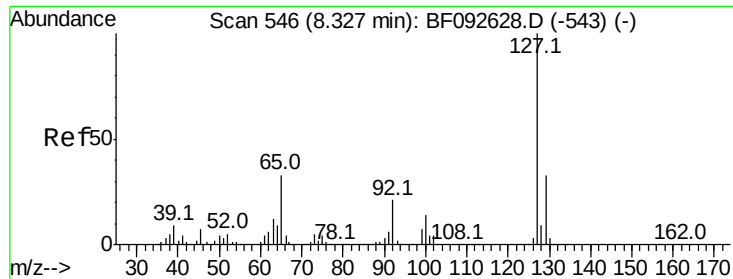


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





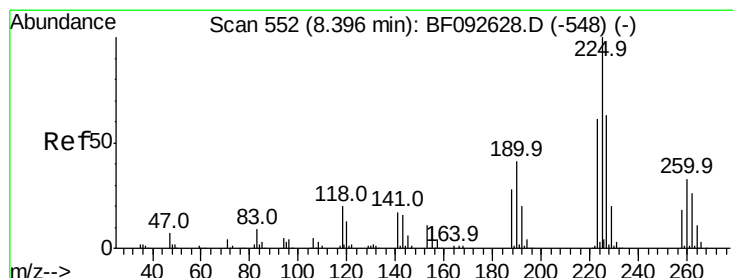
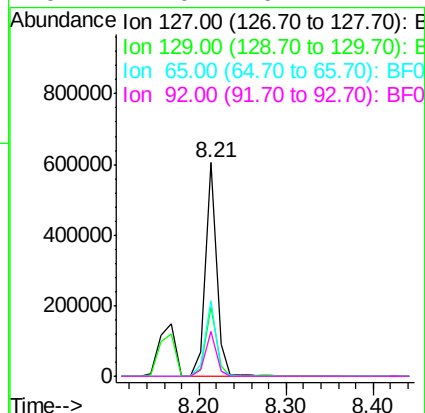
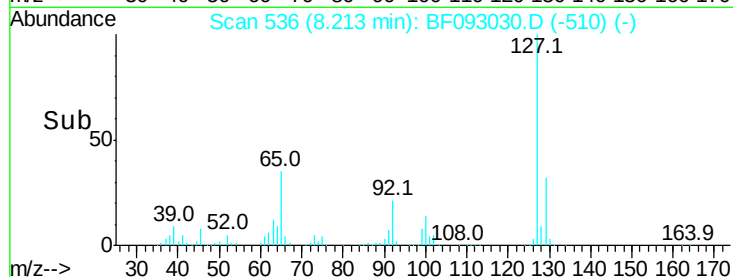
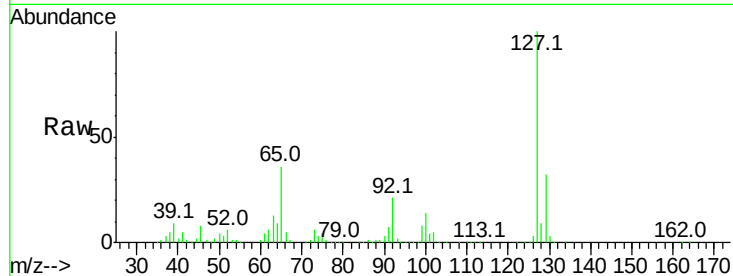
#33
4-Chloroaniline
Concen: 38.23 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	26.3	39.5	
65	35.6	25.8	38.8	
92	21.0	16.1	24.1	

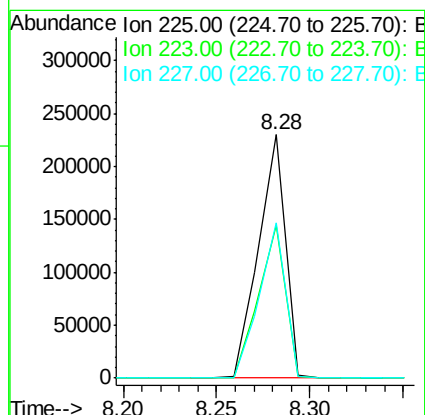
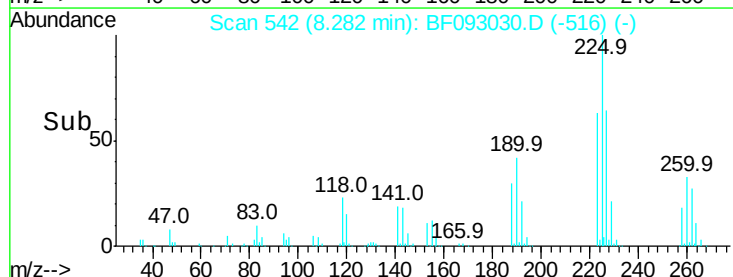
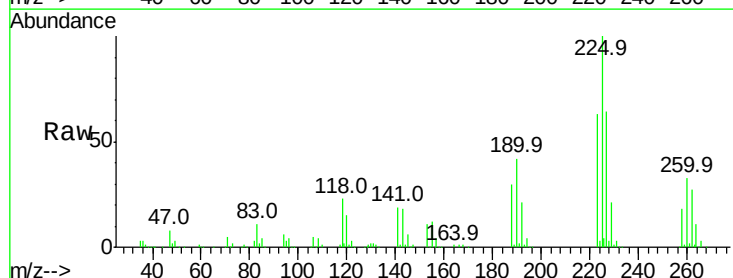
Manual Integrations
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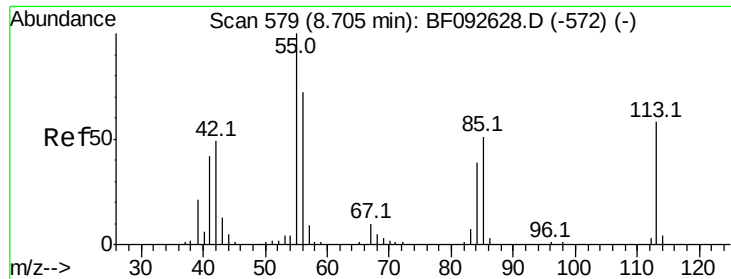
mohammad
2/21/2017 3:57:24 PM



#34
Hexachlorobutadiene
Concen: 38.34 ng
RT: 8.28 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	51.0	76.6	
227	63.9	50.6	76.0	





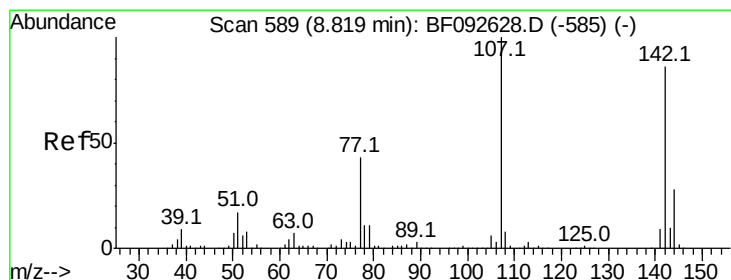
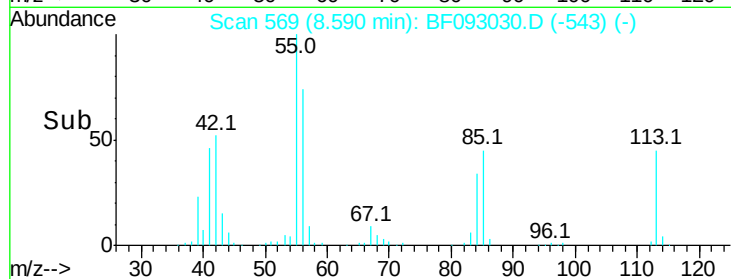
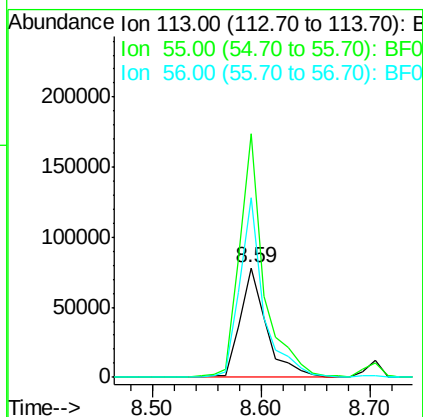
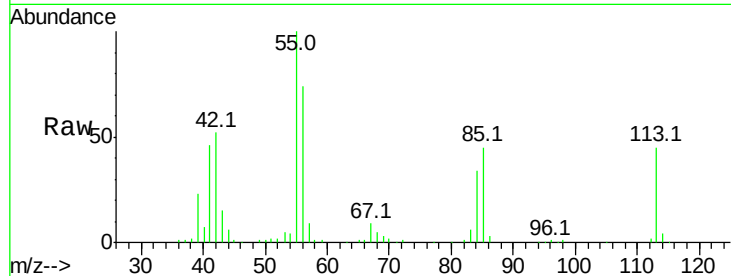
#35
 Caprolactam
 Concen: 40.95 ng
 RT: 8.59 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	222.9	119.2	159.2#
56	164.9	83.8	123.8#

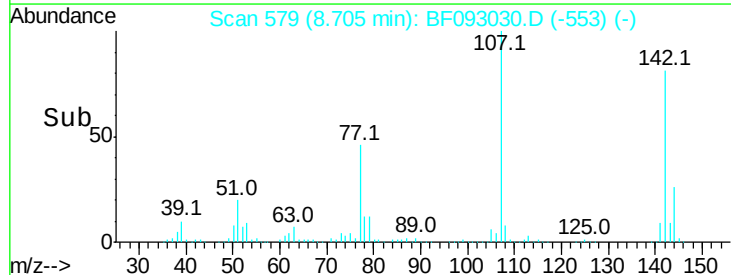
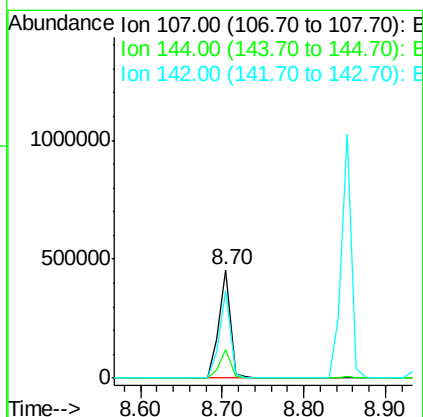
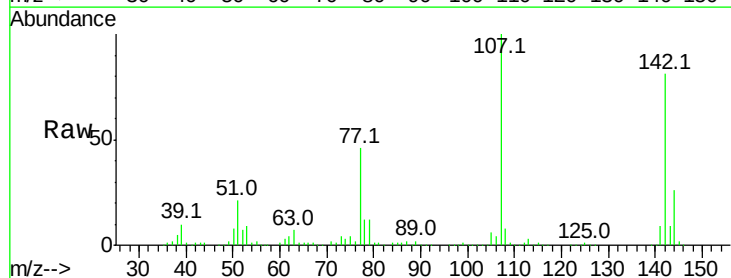
Manual Integrations
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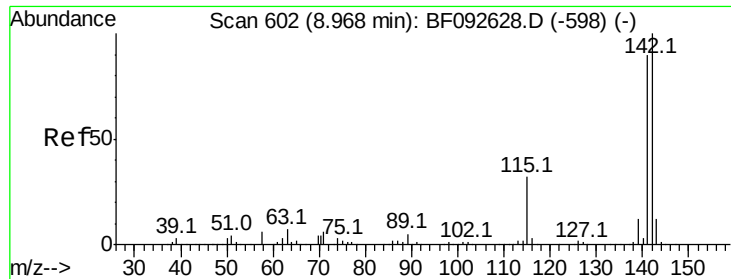
mohammad
 2/21/2017 3:57:24 PM



#36
 4-Chloro-3-methylphenol
 Concen: 42.52 ng
 RT: 8.70 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	19.3	28.9
142	81.0	59.0	88.6





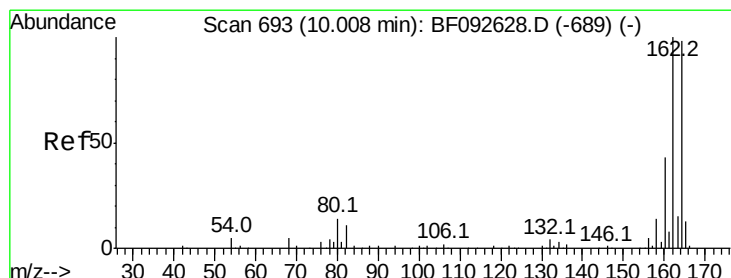
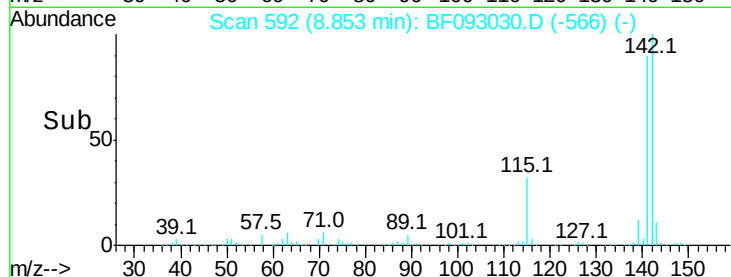
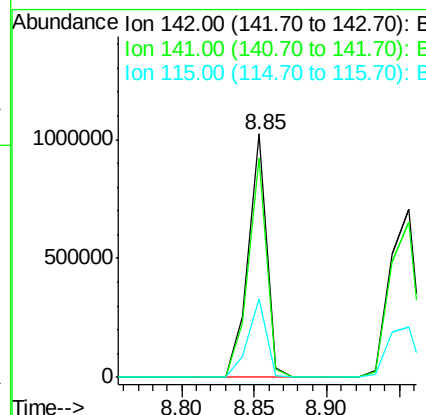
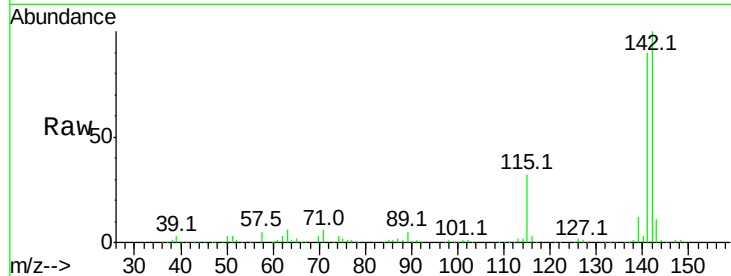
#37
 2-Methylnaphthalene
 Concen: 39.93 ng
 RT: 8.85 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.0	106.6
115	32.3	28.3	42.5

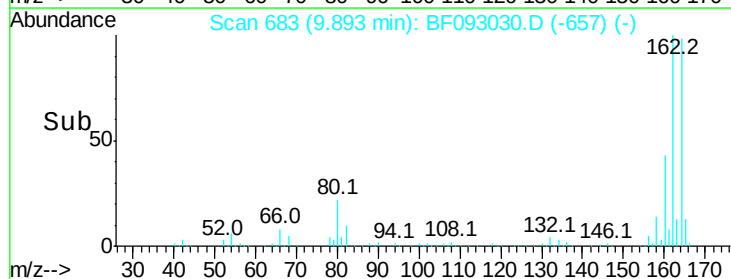
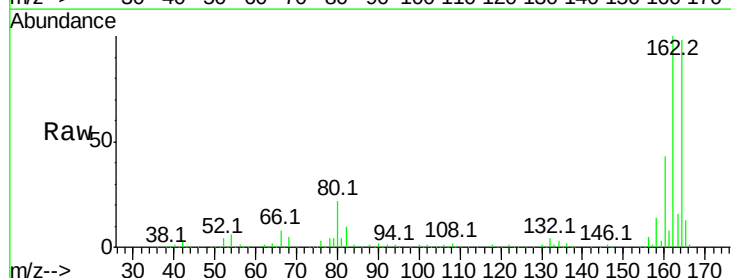
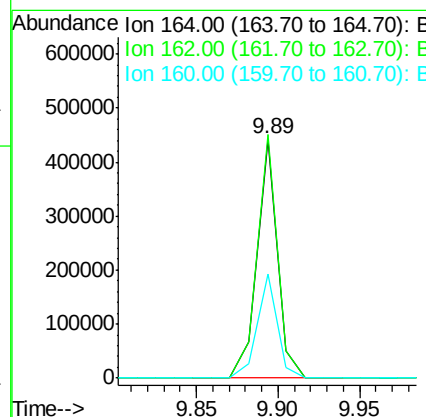
Manual Integrations
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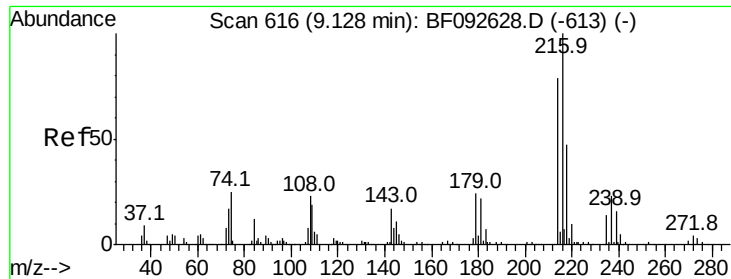
mohammad
 2/21/2017 3:57:24 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.2	120.2
160	43.4	36.9	55.3





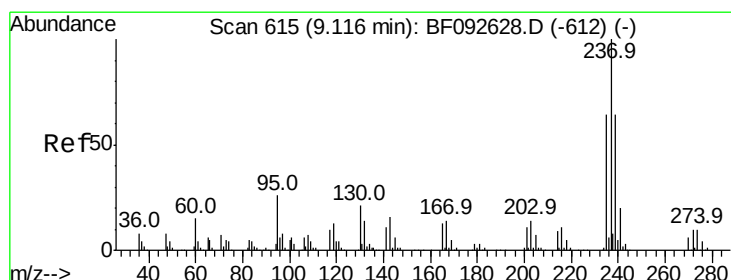
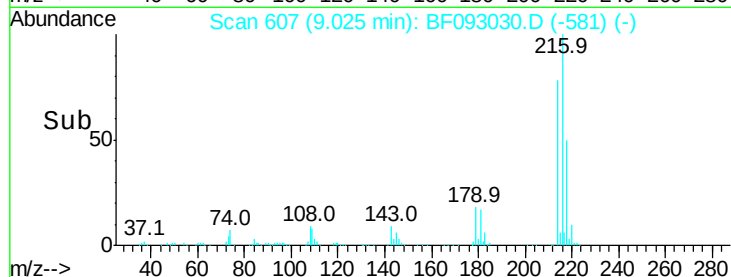
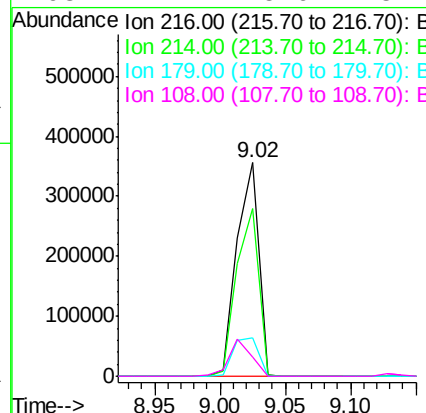
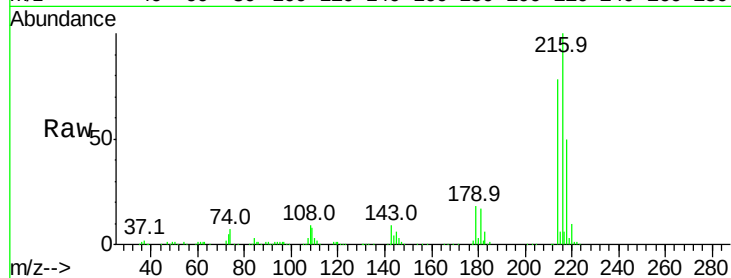
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.27 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	412586		
214	79.5	63.4	95.0	
179	21.0	17.4	26.2	
108	17.7	15.6	23.4	

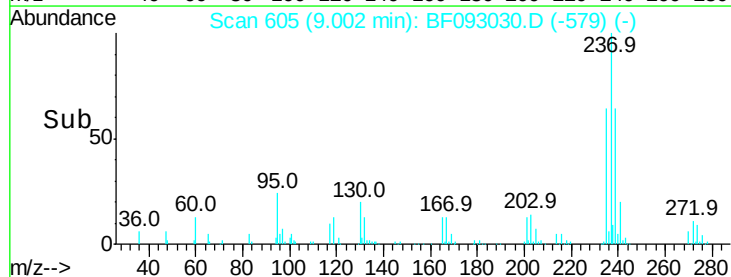
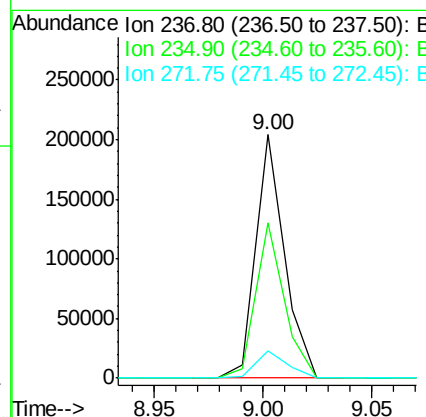
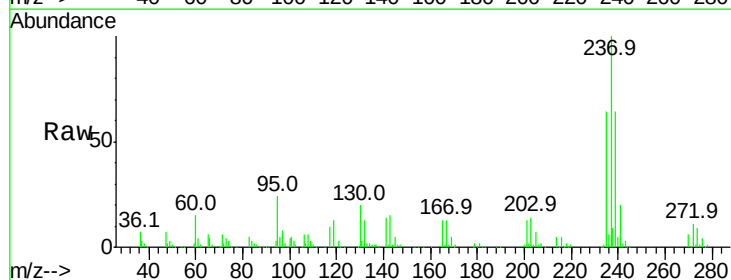
Manual Integrations
 APPROVED

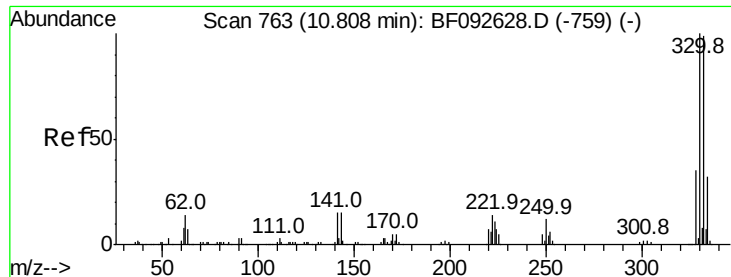
mohammad
 2/21/2017 3:57:24 PM



#40
 Hexachlorocyclopentadiene
 Concen: 38.45 ng
 RT: 9.00 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	187067		
235	63.7	41.2	81.2	
272	11.4	0.0	35.4	





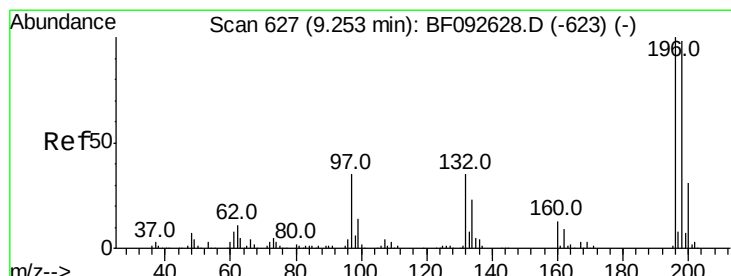
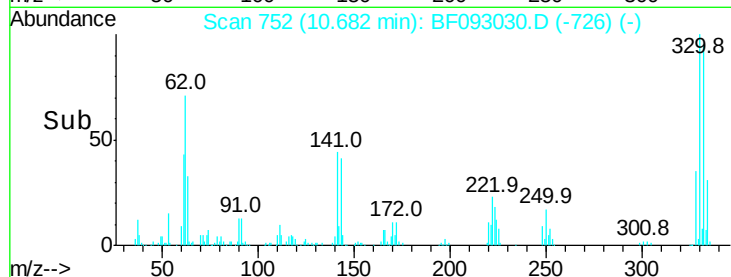
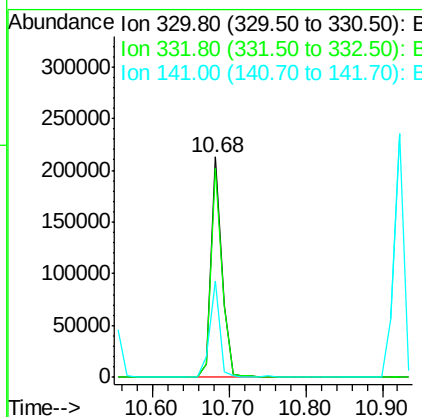
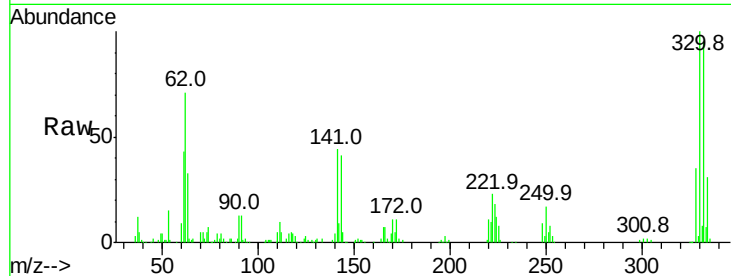
#41
 2,4,6-Tribromophenol
 Concen: 75.30 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	209203		
332	95.9	77.4	116.2	
141	40.1	34.1	51.1	

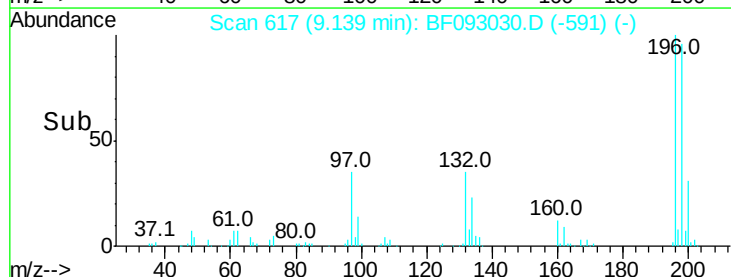
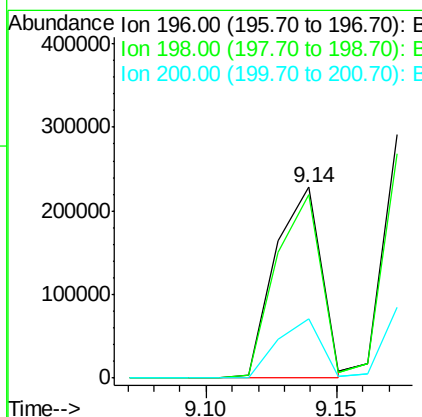
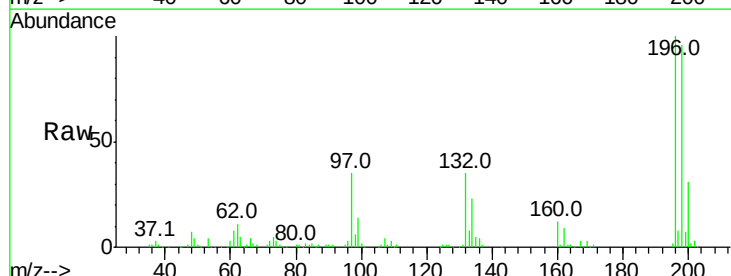
Manual Integrations
 APPROVED

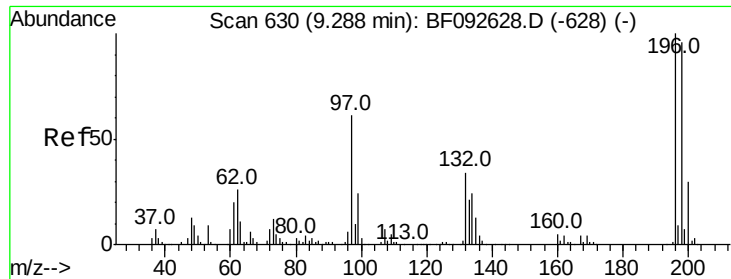
mohammad
 2/21/2017 3:57:24 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.14 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	277288		
198	96.2	82.1	123.1	
200	31.2	27.0	40.4	





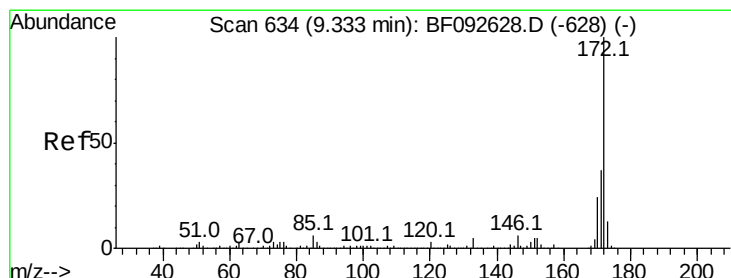
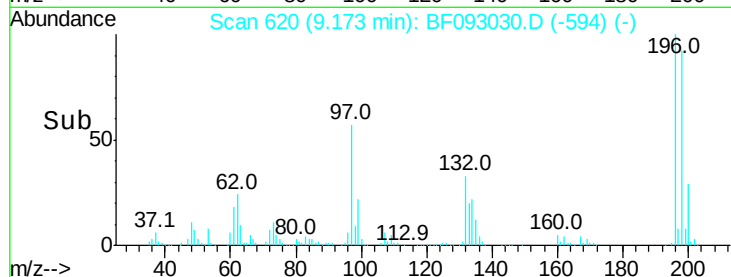
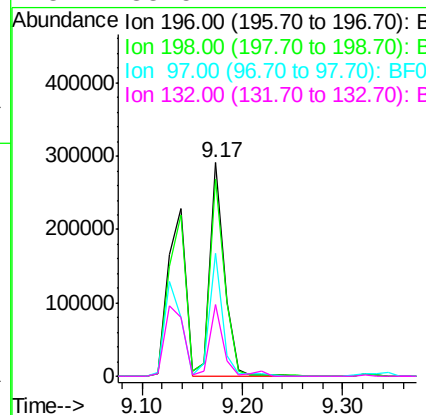
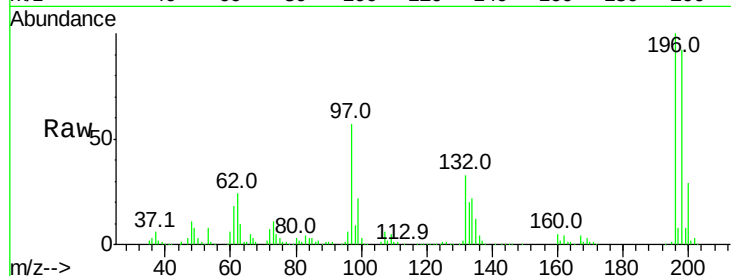
#43
 2,4,5-Trichlorophenol
 Concen: 37.50 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	291138
Ion Ratio	Lower	Upper	
196	100		
198	92.3	79.4	119.2
97	57.4	51.5	77.3
132	33.5	27.4	41.2

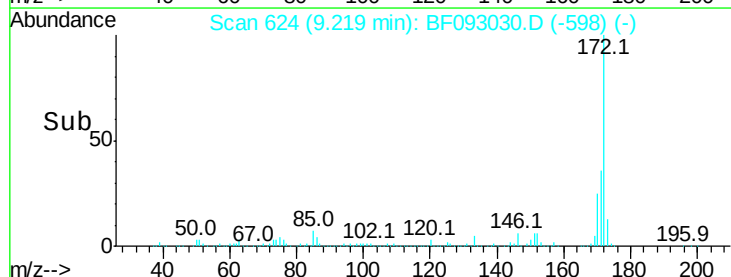
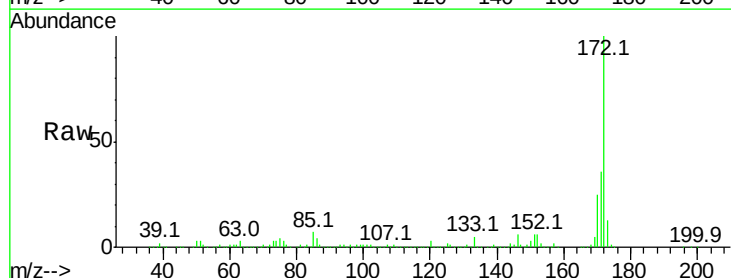
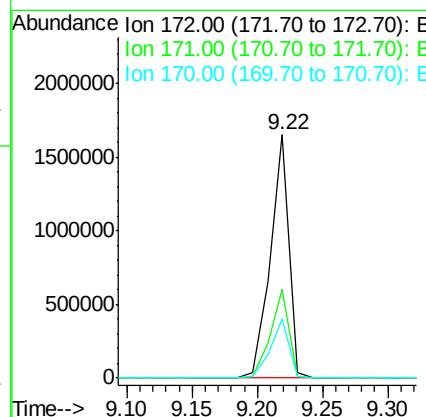
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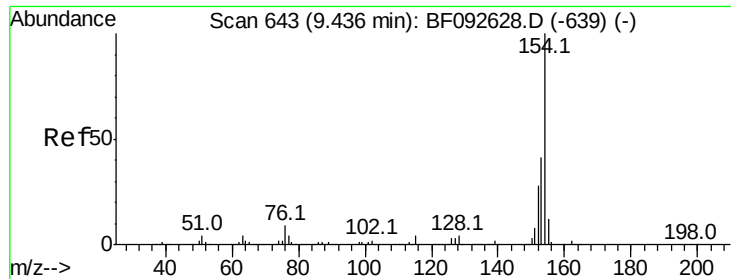
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 77.32 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Tgt Ion:	172	Resp:	1639381
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.4	44.0
170	24.5	20.2	30.4





#45

1,1'-Biphenyl

Concen: 39.96 ng

RT: 9.32 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1111512

Ion Ratio Lower Upper

154 100

153 40.8 20.9 60.9

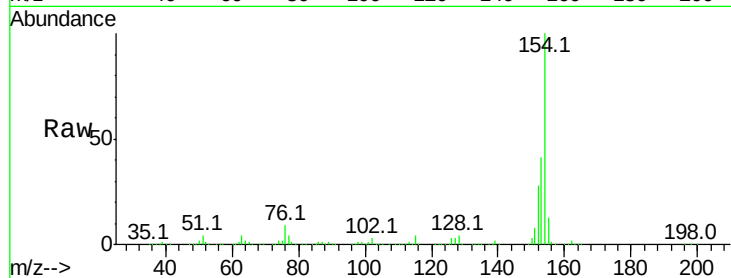
76 9.4 0.0 30.5

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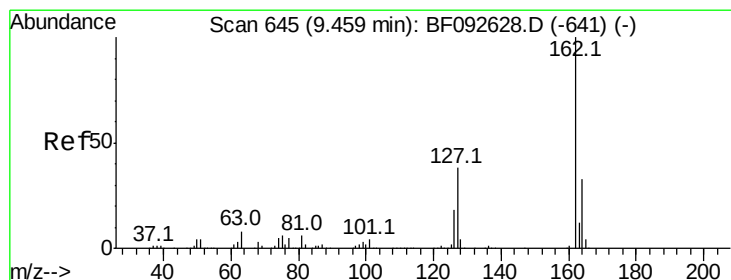
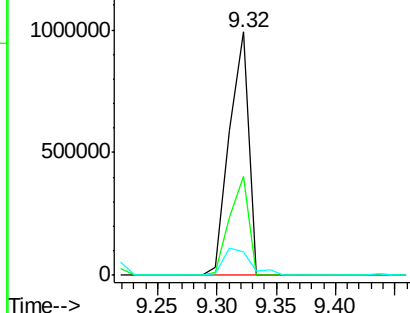
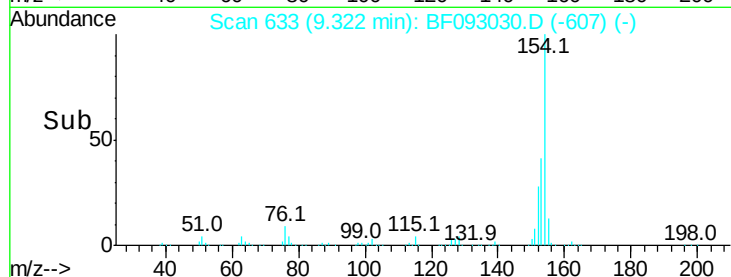
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Abundance Ion 154.00 (153.70 to 154.70): E

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: 9.34 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

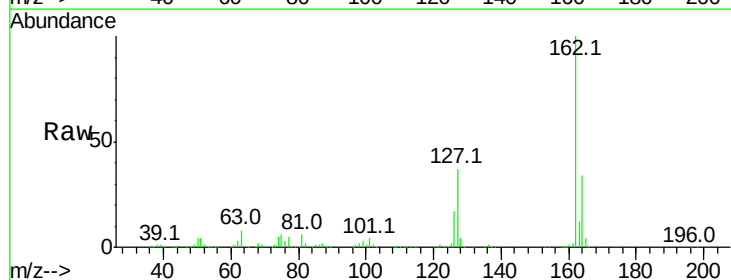
Tgt Ion:162 Resp: 896999

Ion Ratio Lower Upper

162 100

127 37.3 30.7 46.1

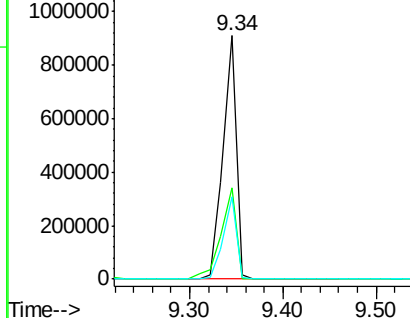
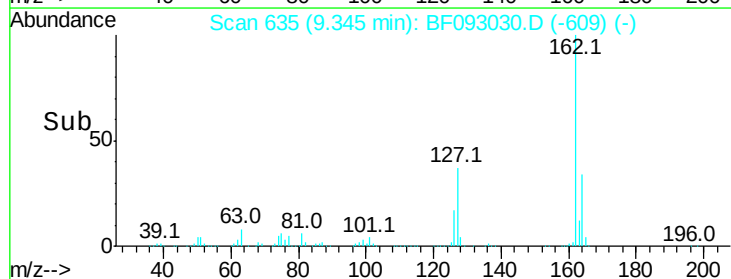
164 33.8 27.6 41.4

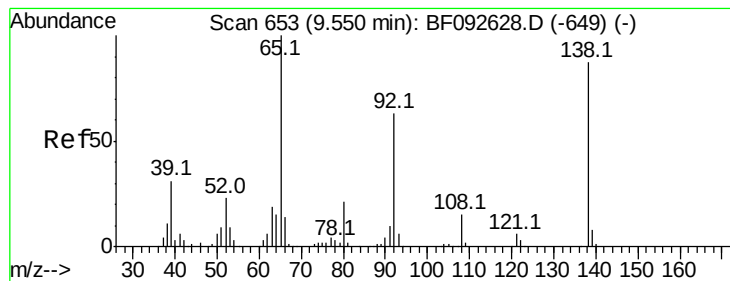


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





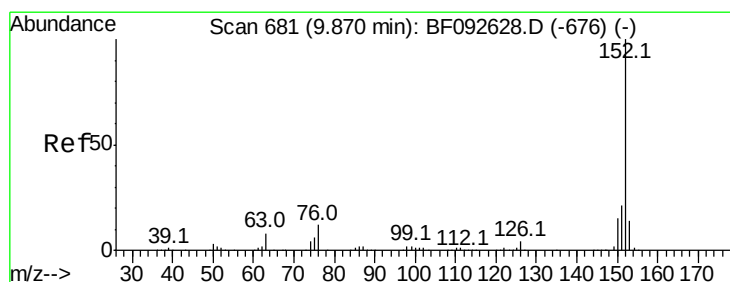
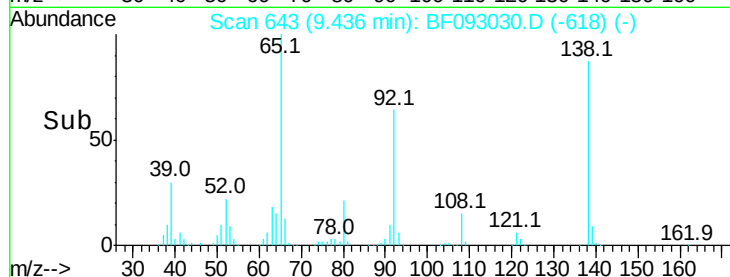
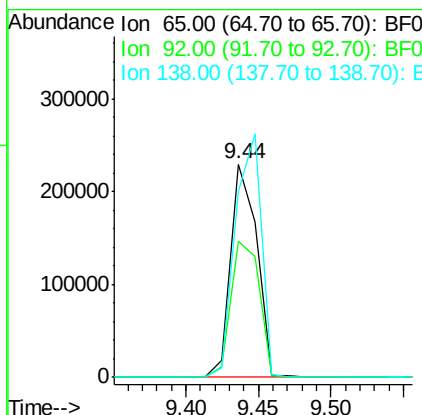
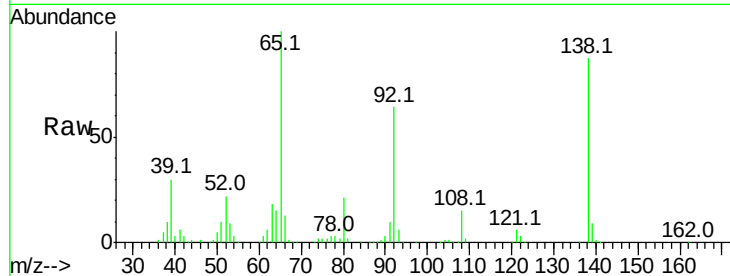
#47
 2-Nitroaniline
 Concen: 39.29 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.5	53.9	80.9
138	87.3	76.8	115.2

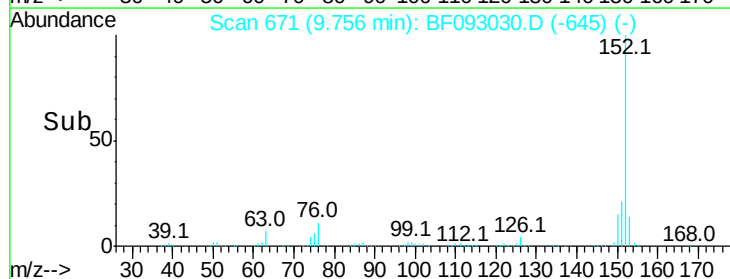
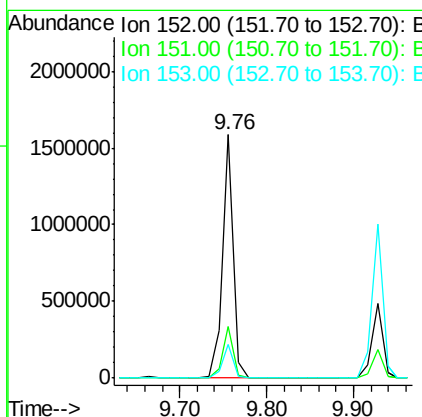
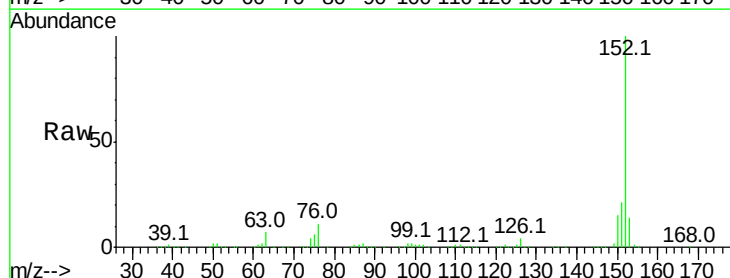
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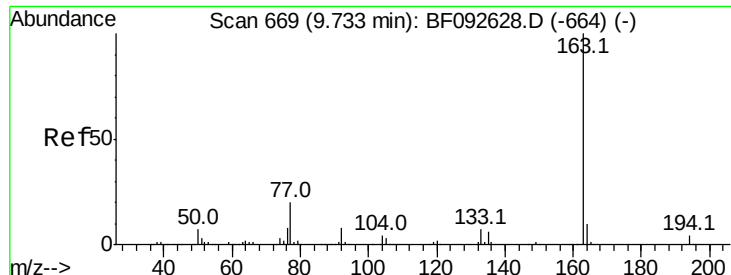
mohammad
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#48
 Acenaphthylene
 Concen: 36.74 ng
 RT: 9.76 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.9	25.3
153	13.7	11.4	17.2





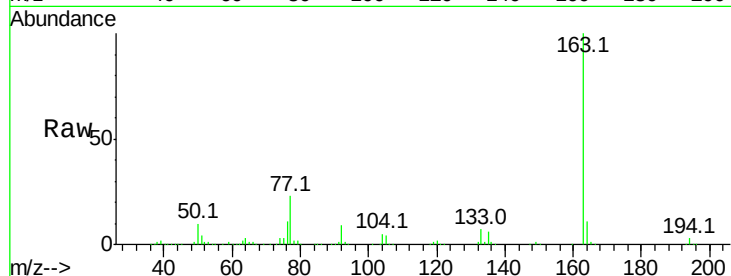
#49
Dimethylphthalate
Concen: 36.81 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

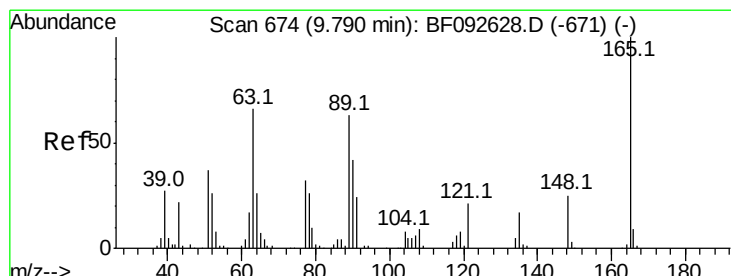
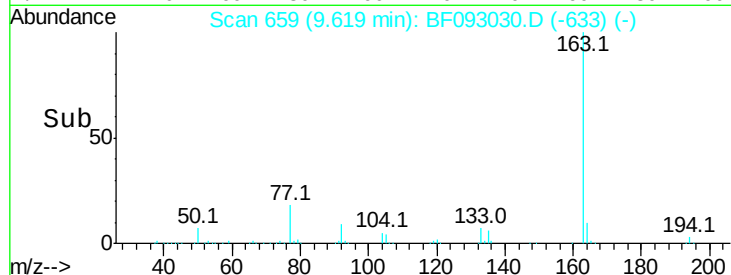
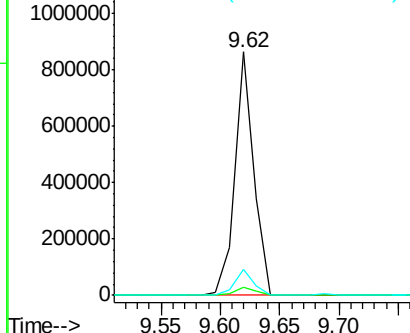
Tot Ion	Ratio	Resp	Lower	Upper
163	100	952341		
194	3.3		3.0	4.4
164	10.9		8.0	12.0

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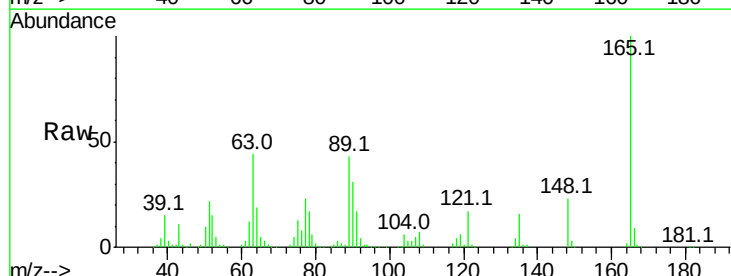


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

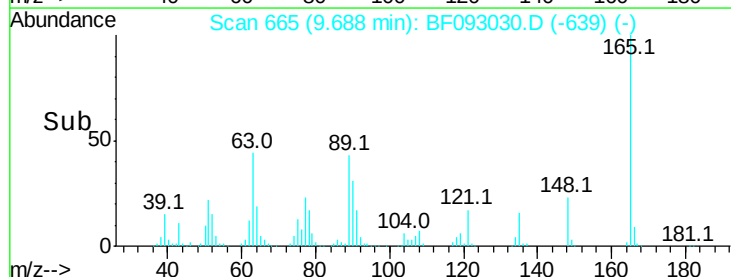
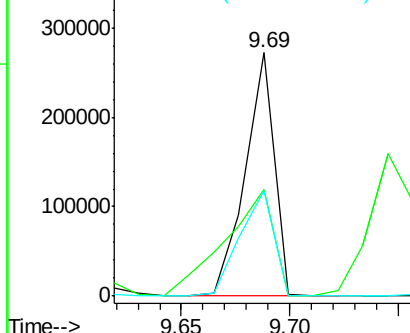


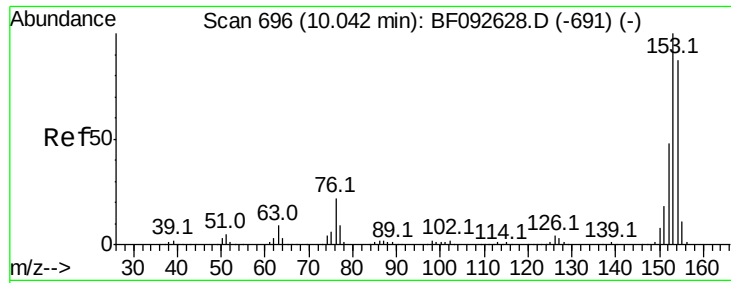
#50
2,6-Dinitrotoluene
Concen: 45.22 ng
RT: 9.69 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	252662		
63	43.7		36.2	54.4
89	43.4		40.2	60.4



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





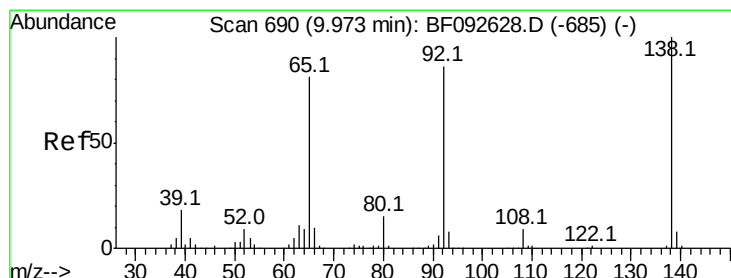
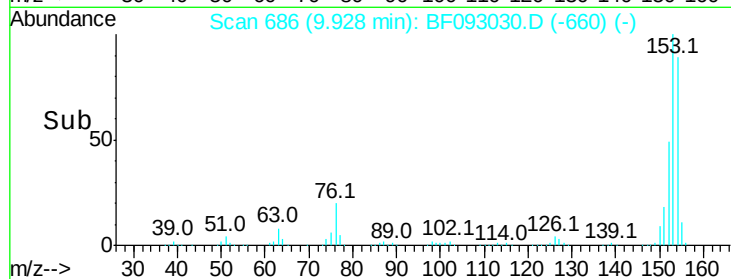
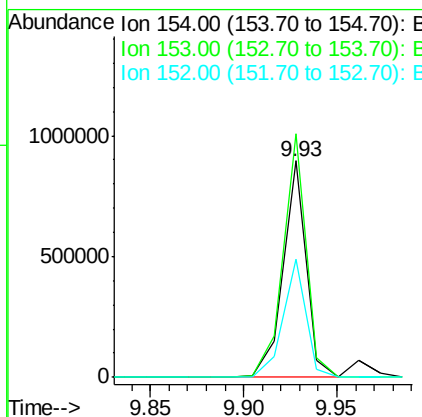
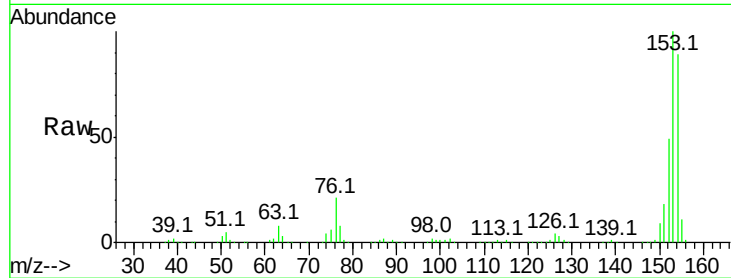
#51
Acenaphthene
Concen: 34.30 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.4	88.6	133.0
152	54.6	41.6	62.4

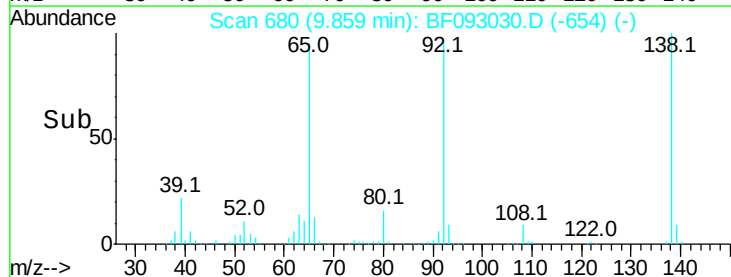
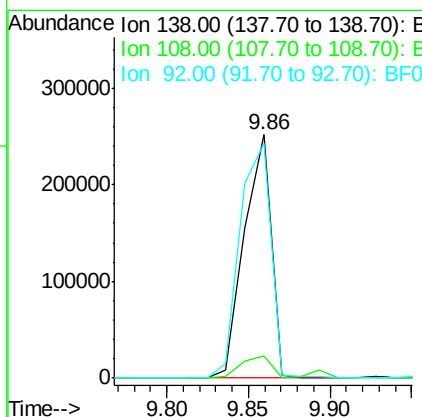
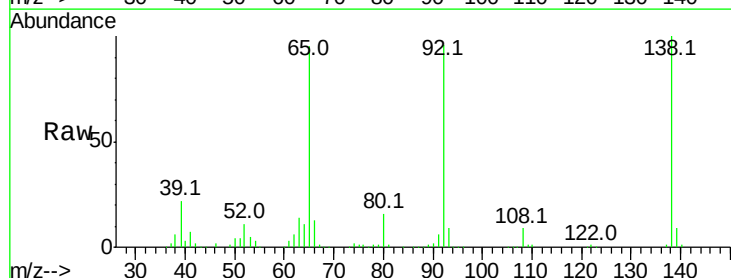
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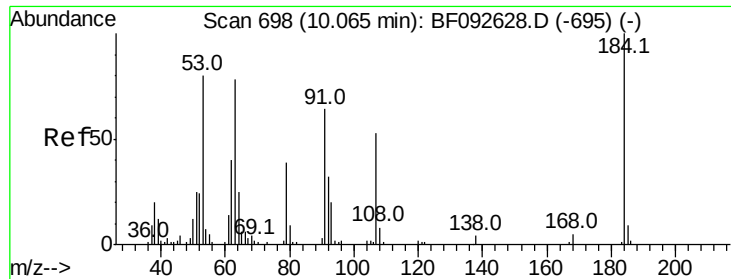
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#52
3-Nitroaniline
Concen: 44.99 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.0	8.5	12.7
92	96.5	97.8	146.8#





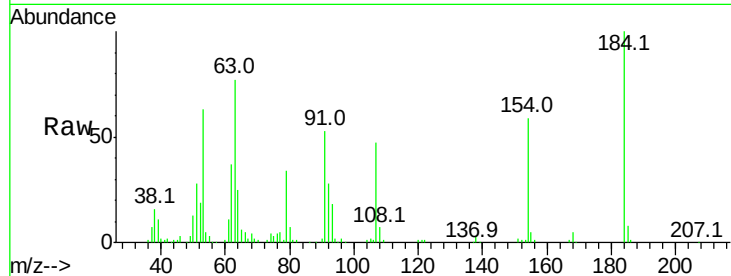
#53
2,4-Dinitrophenol
Concen: 45.38 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

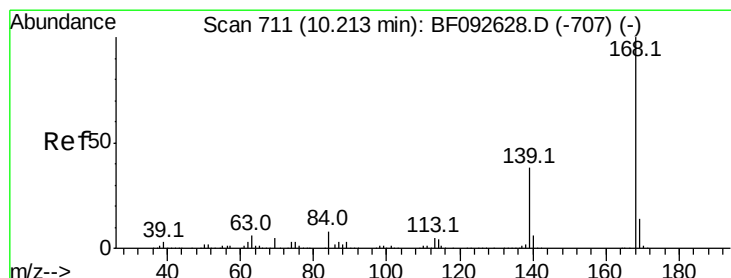
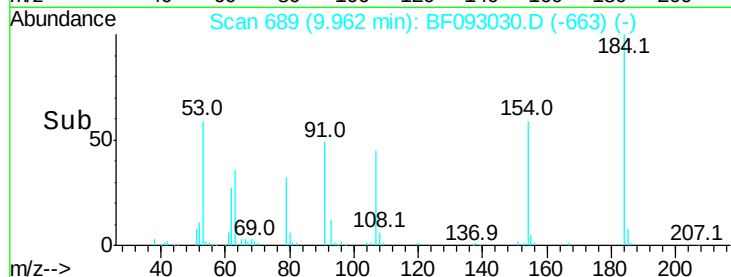
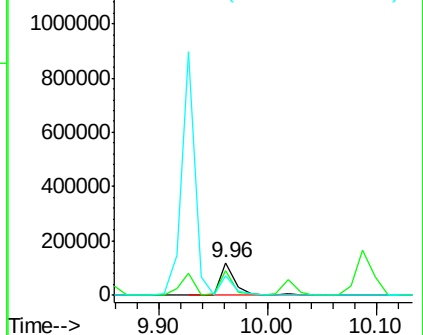
Tot Ion	Ratio	Resp	Lower	Upper
184	100	122788		
63	76.6	28.4	42.6#	
154	59.3	44.3	66.5	

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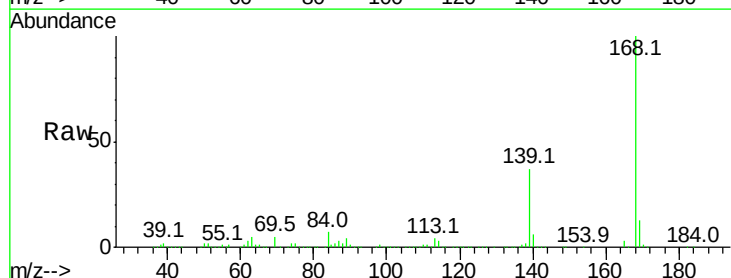


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

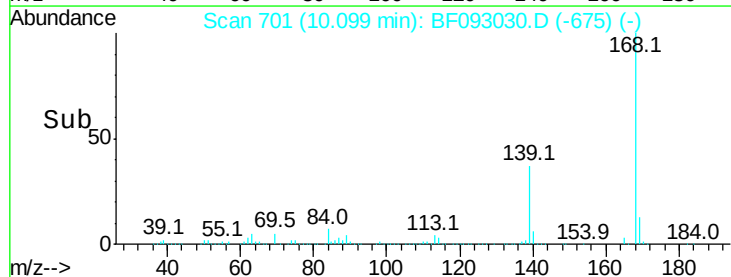
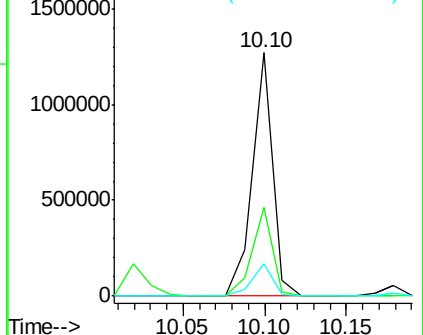


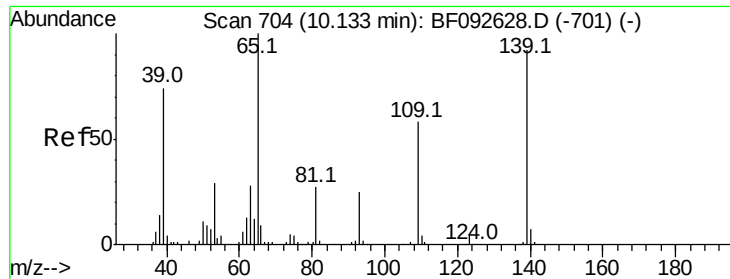
#54
Dibenzofuran
Concen: 36.52 ng
RT: 10.10 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1097606		
139	36.7	32.6	49.0	
169	13.4	11.3	16.9	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





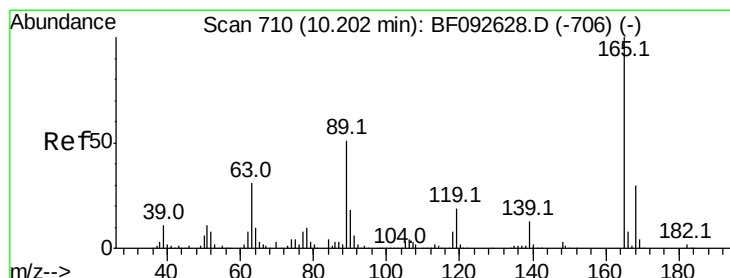
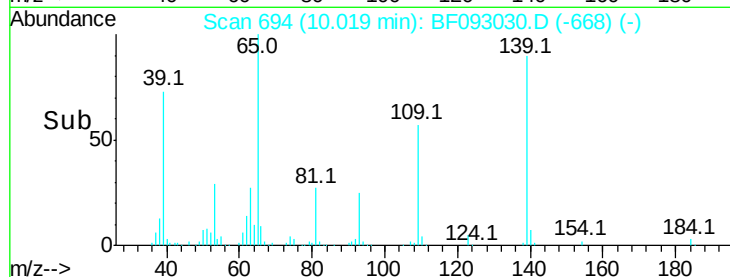
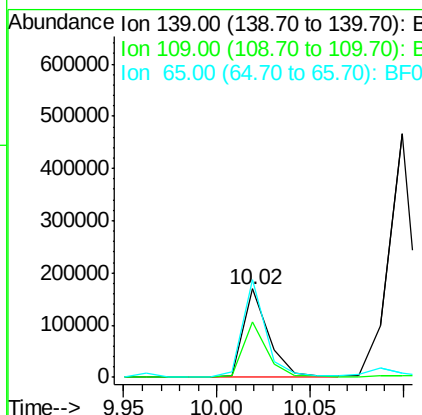
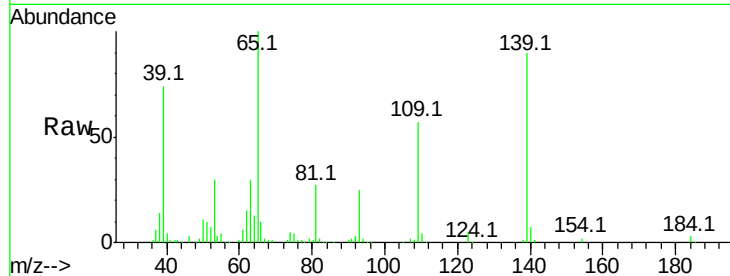
#55
4-Nitrophenol
Concen: 35.86 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	165145		
109	63.4	52.2	92.2	
65	110.9	85.8	125.8	

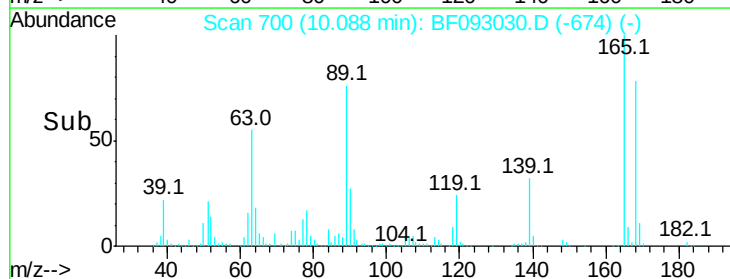
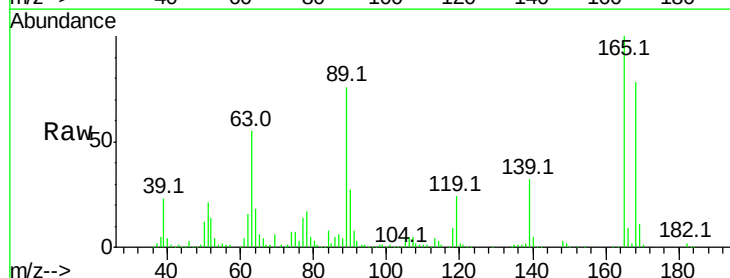
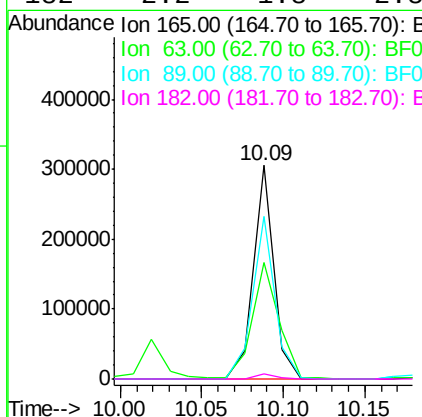
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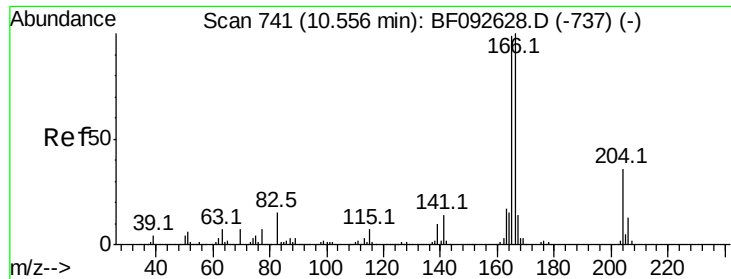
mohammad
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#56
2,4-Dinitrotoluene
Concen: 35.96 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	267482		
63	54.8	40.2	60.4	
89	75.8	62.5	93.7	
182	2.2	1.8	2.8	





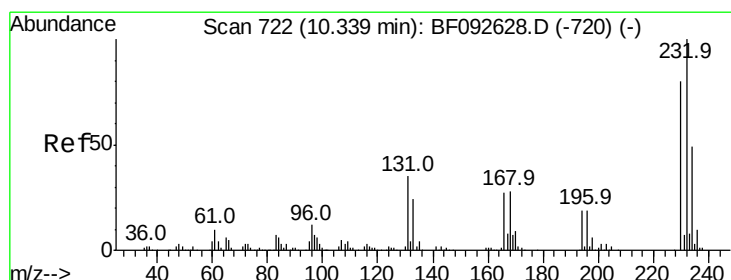
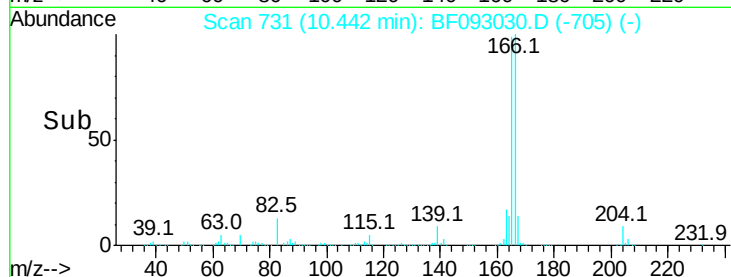
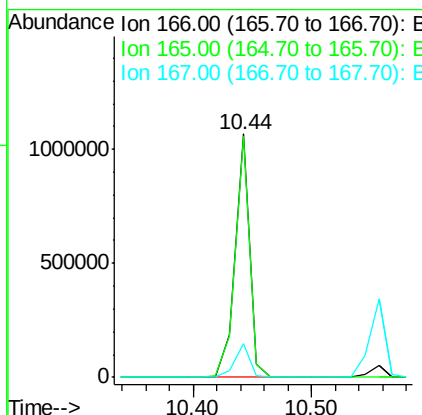
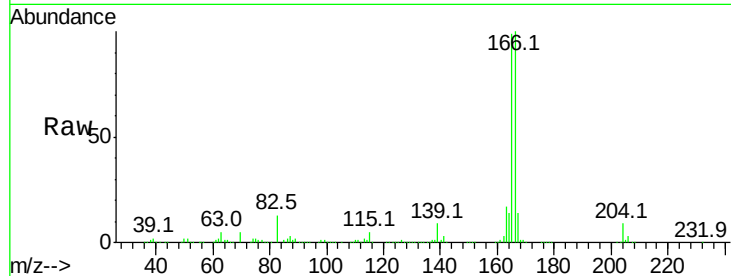
#57
 Fluorene
 Concen: 39.11 ng
 RT: 10.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100	904443		
165	98.9		77.8	116.8
167	13.7		10.8	16.2

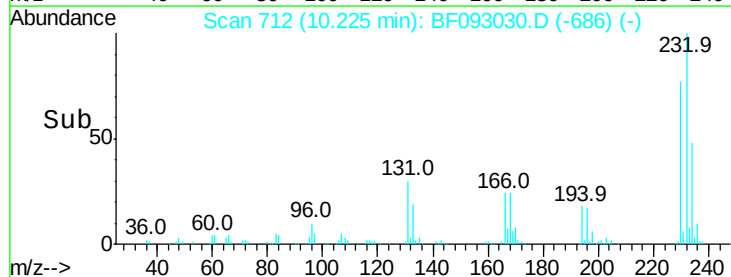
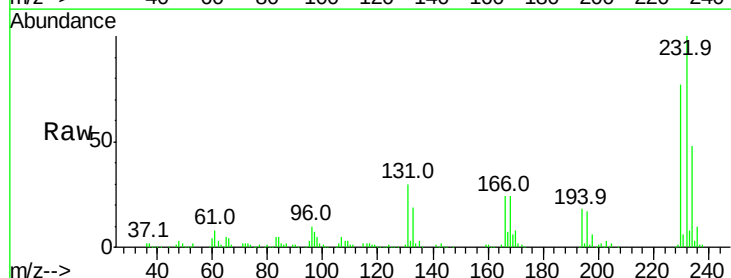
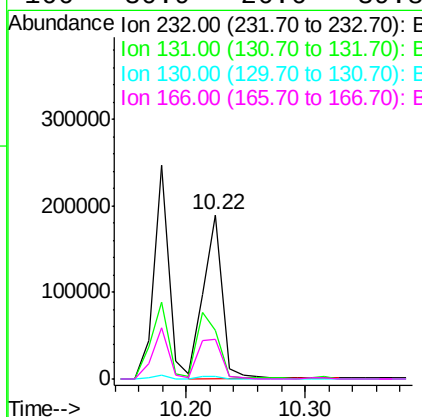
Manual Integrations
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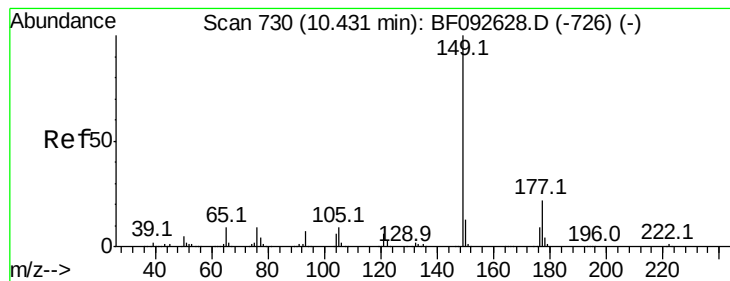
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.93 ng
 RT: 10.22 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	211962		
131	45.9		40.1	60.1
130	2.1		1.8	2.8
166	30.9		26.6	39.8





#59

Diethylphthalate

Concen: 37.66 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

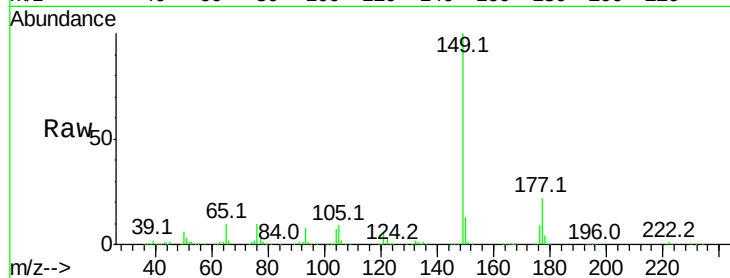
ClientSampleId :

SSTDCCC040

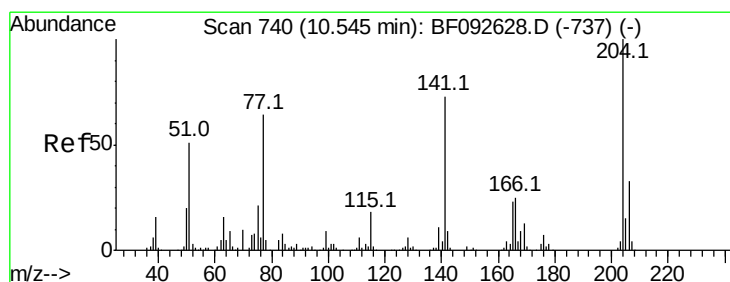
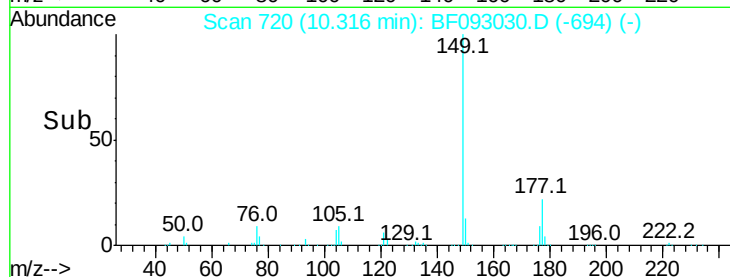
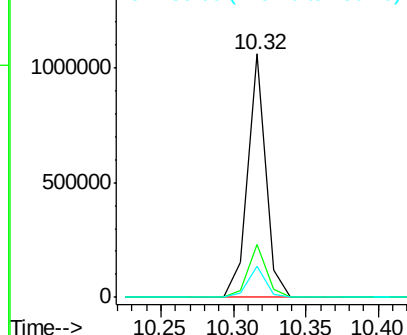
Tot Ion:	149	Resp:	918176
Ion Ratio	Lower	Upper	
149	100		
177	21.6	16.6	25.0
150	12.9	10.4	15.6

Manual Integrations
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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: 34.36 ng

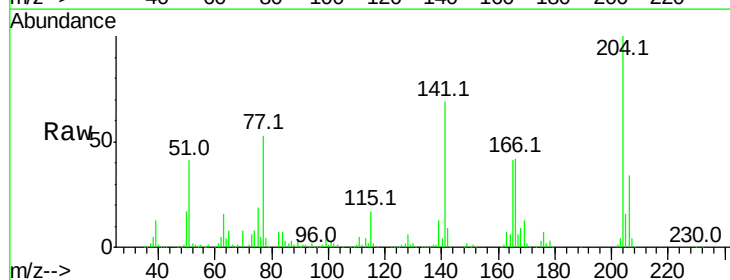
RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

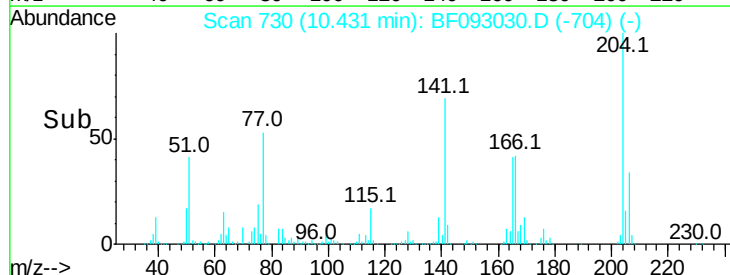
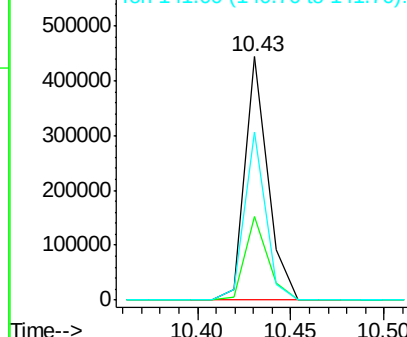
Lab File: BF093030.D

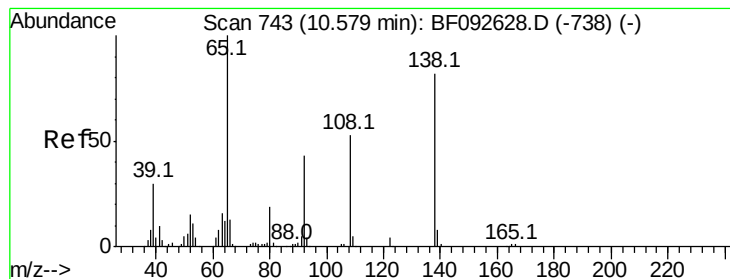
Acq: 20 Feb 2017 16:02

Tgt Ion:	204	Resp:	381680
Ion Ratio	Lower	Upper	
204	100		
206	34.2	25.8	38.6
141	68.9	59.4	89.0



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





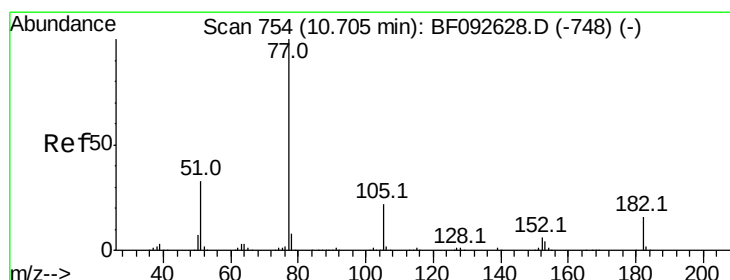
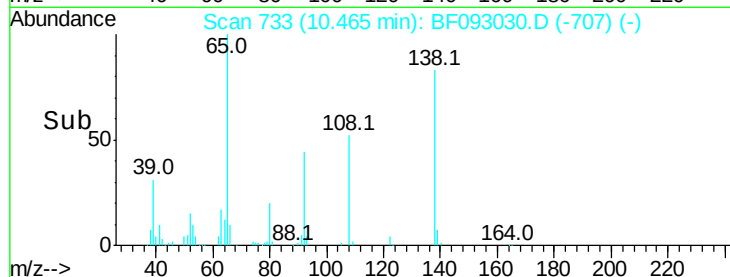
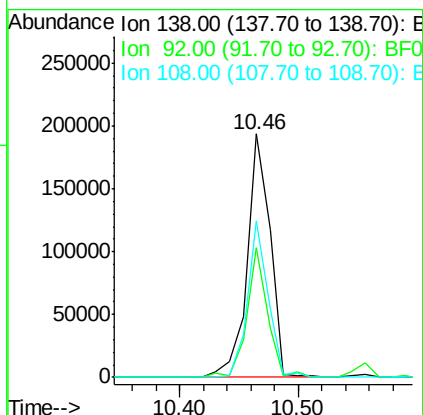
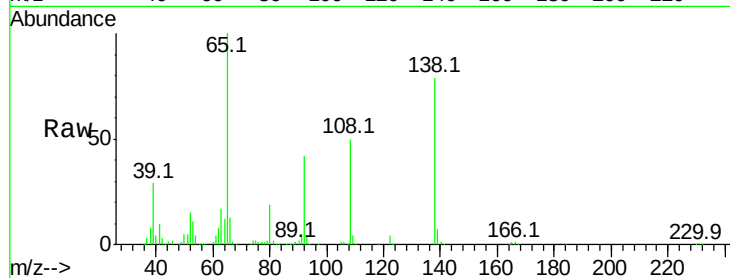
#61
4-Nitroaniline
Concen: 40.14 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.2	31.7	71.7
108	64.2	52.6	92.6

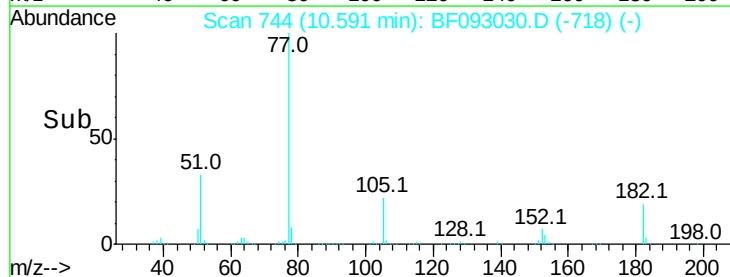
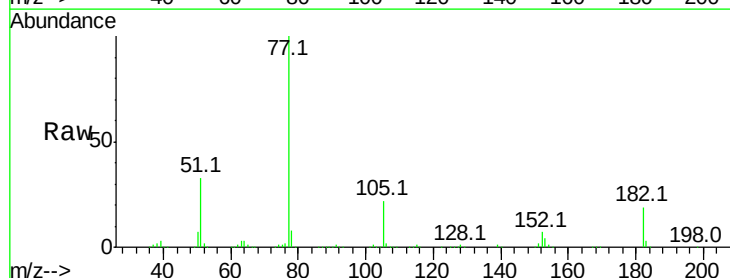
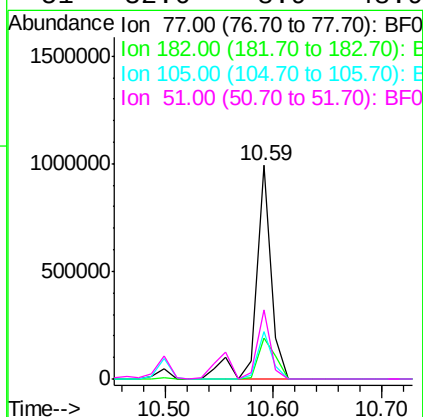
Manual Integrations
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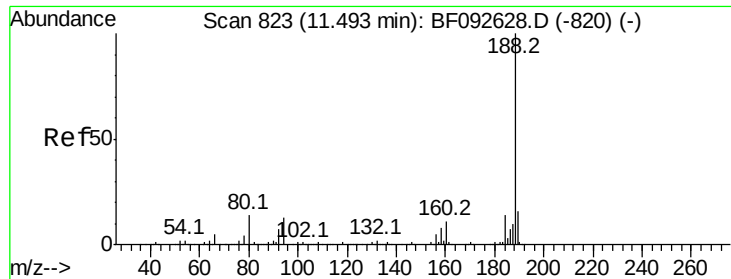
mohammad
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#62
Azobenzene
Concen: 38.54 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.4	0.0	39.3
105	22.4	2.3	42.3
51	32.6	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

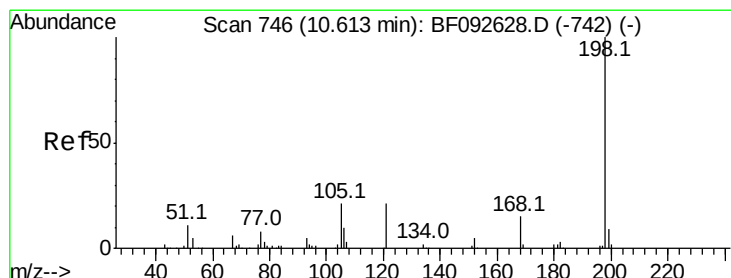
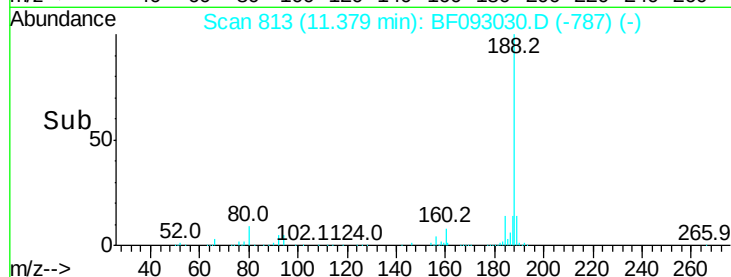
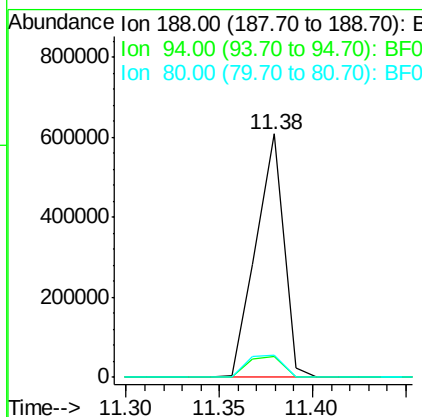
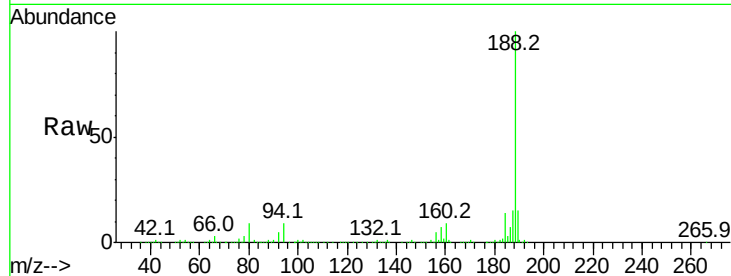
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	629494
Ion Ratio	Lower	Upper	
188	100		
94	8.8	10.0	15.0#
80	9.2	11.2	16.8#

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 44.73 ng

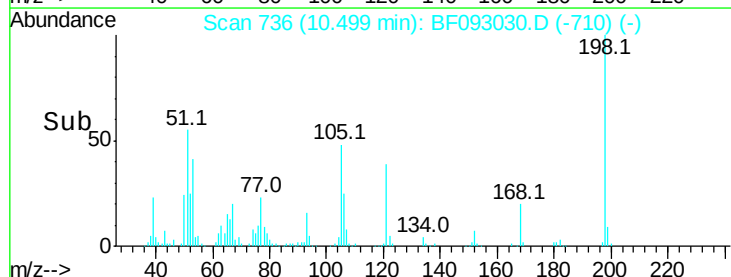
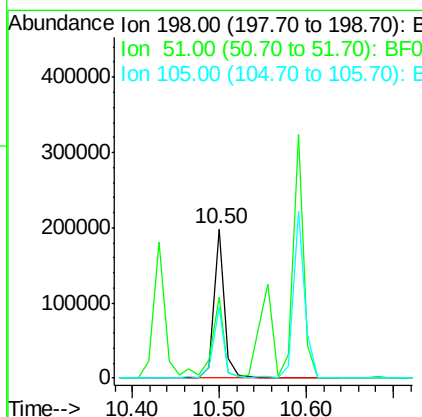
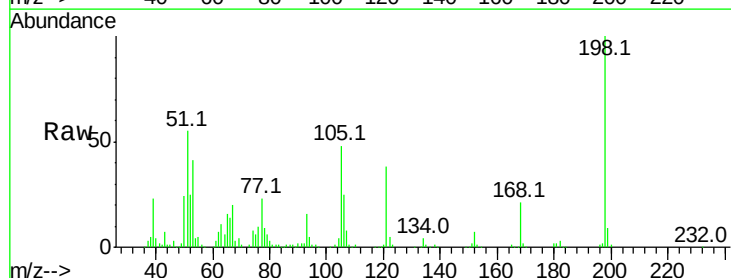
RT: 10.50 min Scan# 736

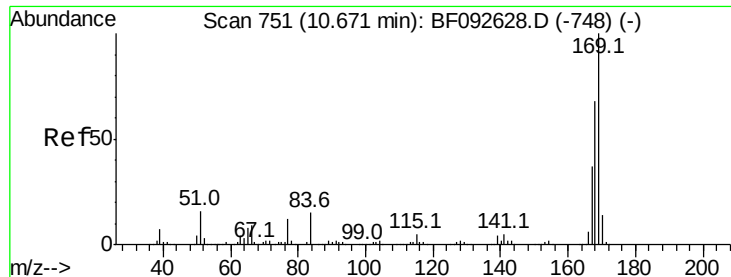
Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Tgt Ion:	198	Resp:	170662
Ion Ratio	Lower	Upper	
198	100		
51	54.7	6.7	46.7#
105	47.9	16.6	56.6





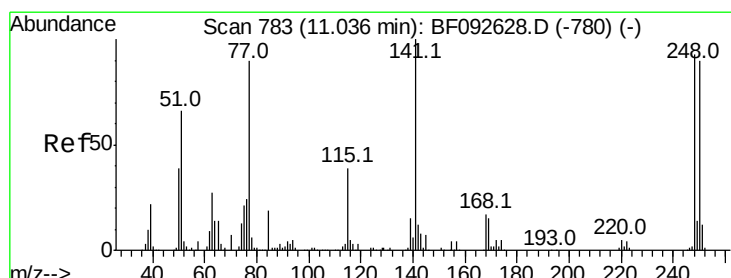
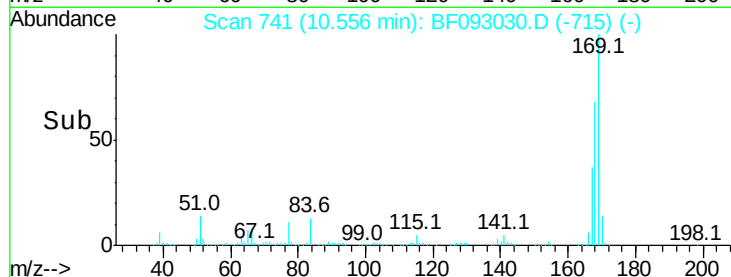
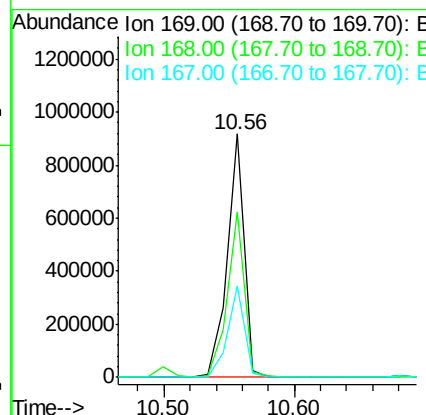
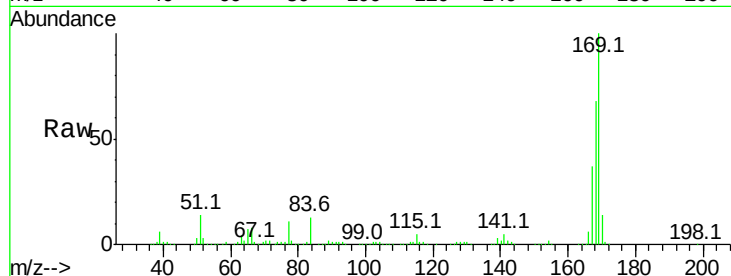
#65
n-Nitrosodiphenylamine
Concen: 41.58 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	68.2	54.2	81.2	
167	37.3	30.2	45.4	

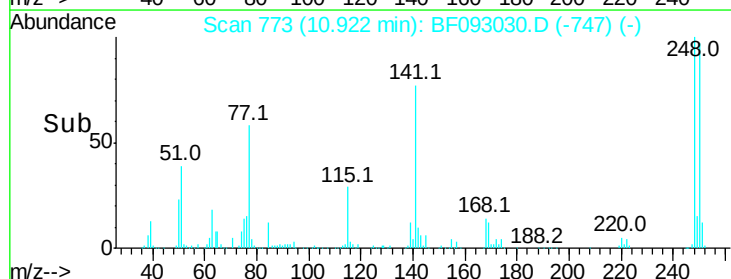
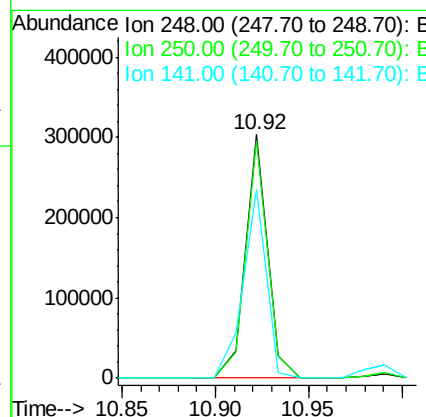
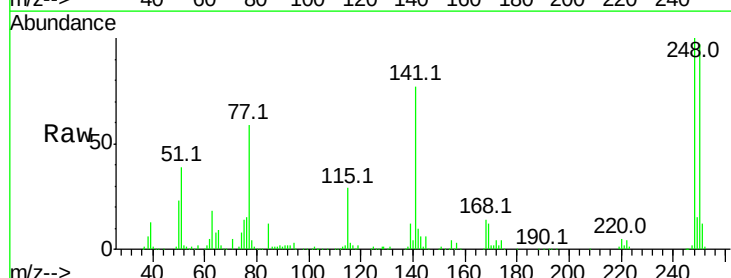
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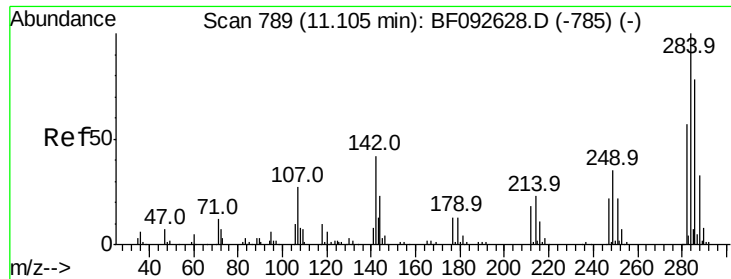
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#66
4-Bromophenyl-phenylether
Concen: 38.32 ng
RT: 10.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.3	76.9	115.3	
141	77.5	68.2	102.4	





#67

Hexachlorobenzene

Concen: 39.66 ng

RT: 10.99 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

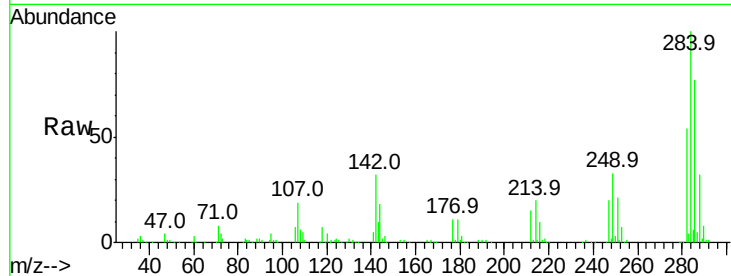
ClientSampleId :

SSTDCCC040

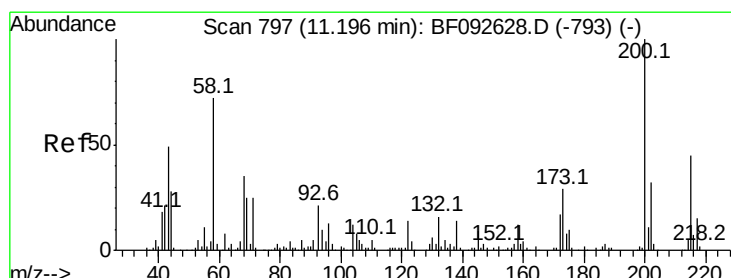
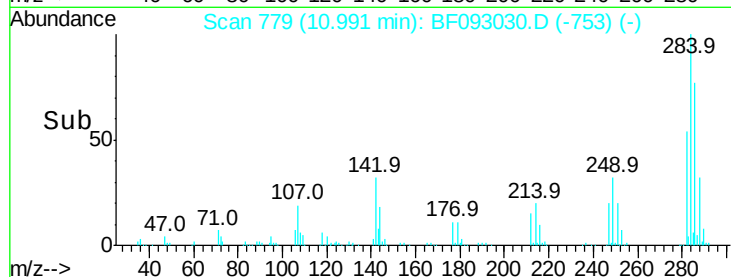
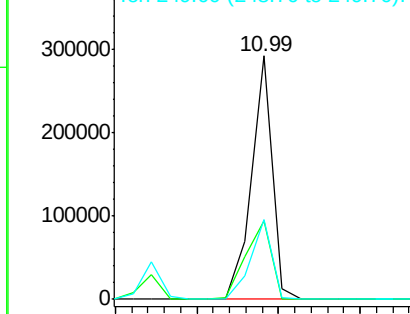
Tot Ion:	284	Resp:	257733
Ion Ratio	Lower	Upper	
284	100		
142	32.2	22.6	33.8
249	32.6	25.4	38.0

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



#68

Atrazine

Concen: 38.07 ng

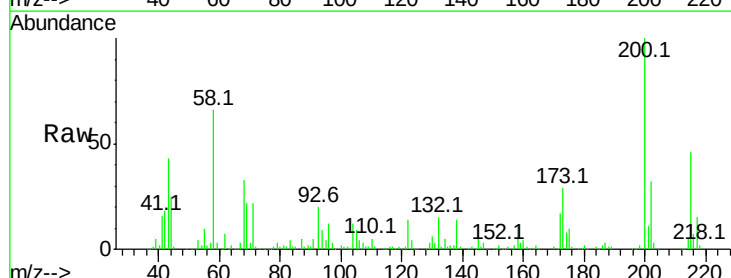
RT: 11.08 min Scan# 787

Delta R.T. 0.00 min

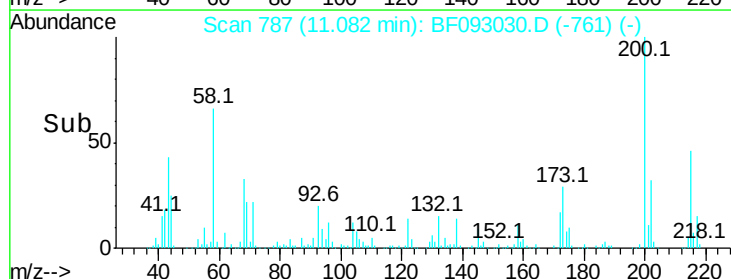
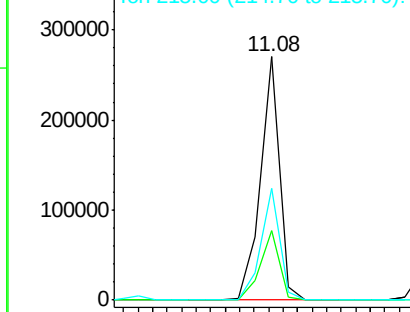
Lab File: BF093030.D

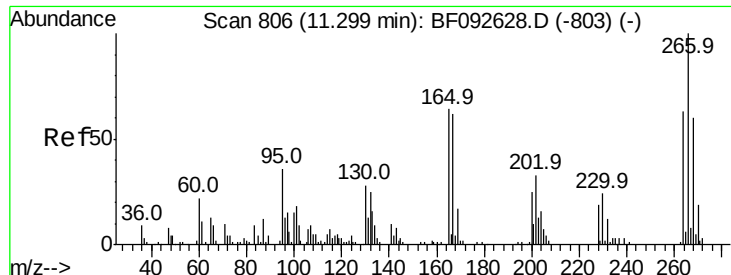
Acq: 20 Feb 2017 16:02

Tgt Ion:	200	Resp:	245646
Ion Ratio	Lower	Upper	
200	100		
173	28.6	9.6	49.6
215	46.0	25.7	65.7



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





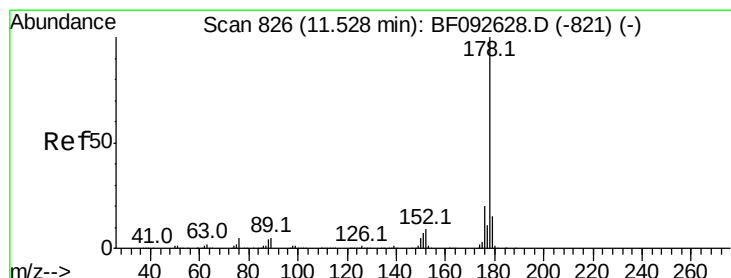
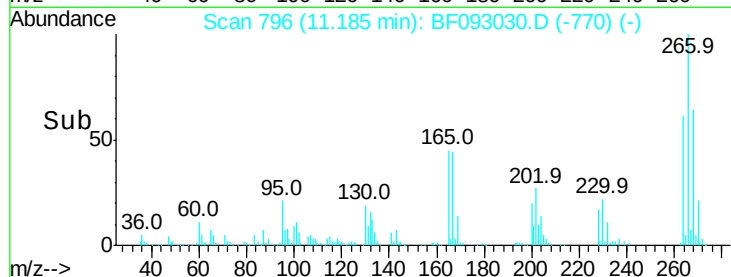
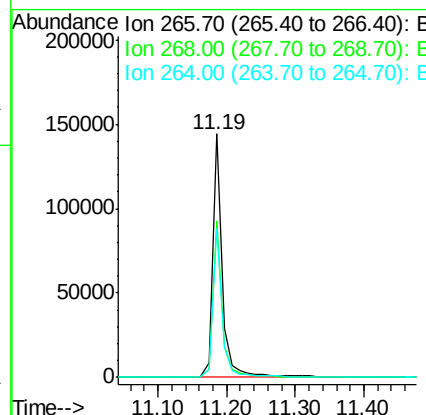
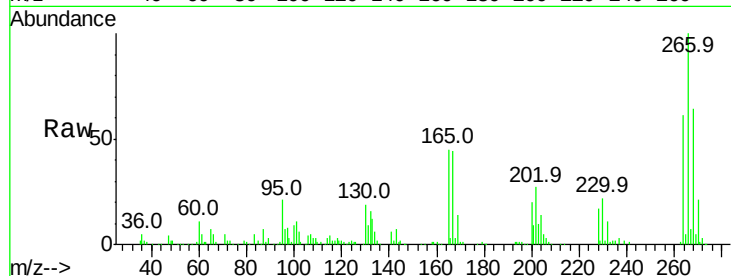
#69
 Pentachlorophenol
 Concen: 45.41 ng
 RT: 11.19 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	140879		
268	64.2	53.3	79.9	
264	61.0	50.3	75.5	

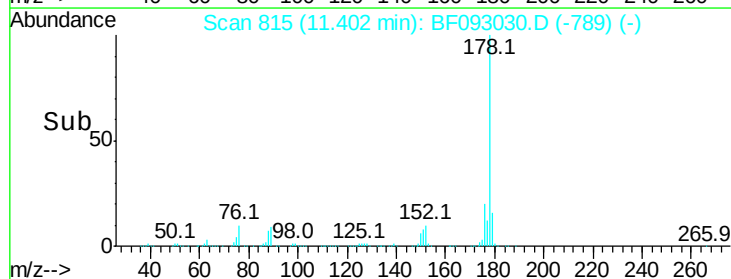
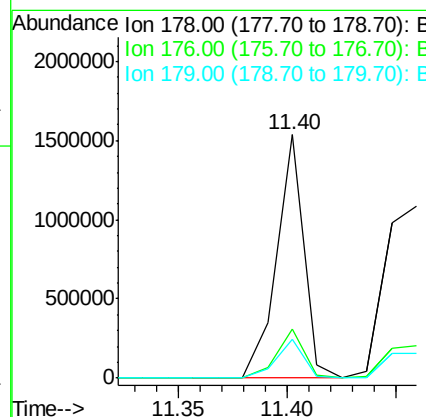
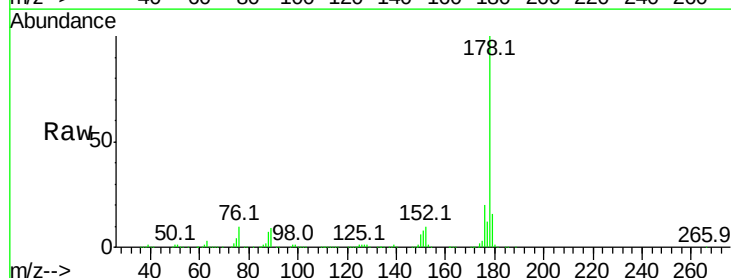
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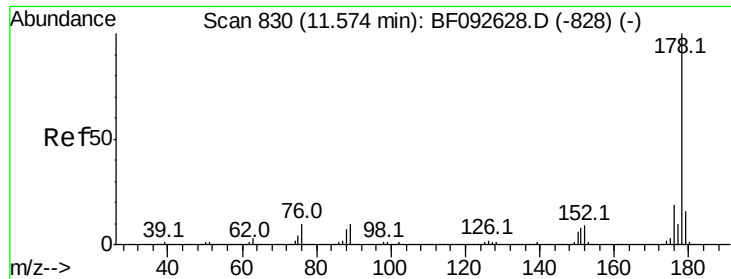
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#70
 Phenanthrene
 Concen: 37.52 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1353181		
176	20.2	16.6	25.0	
179	15.7	12.8	19.2	





#71
 Anthracene
 Concen: 40.30 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

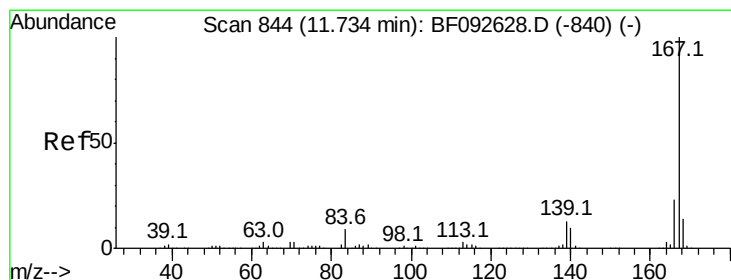
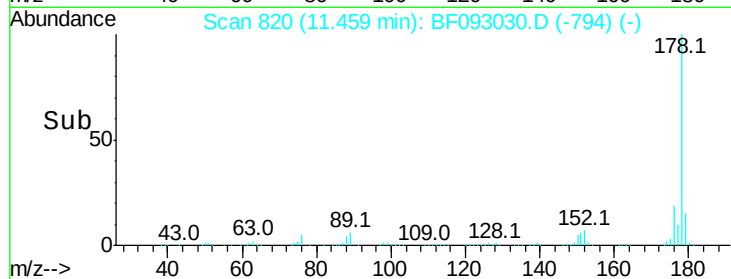
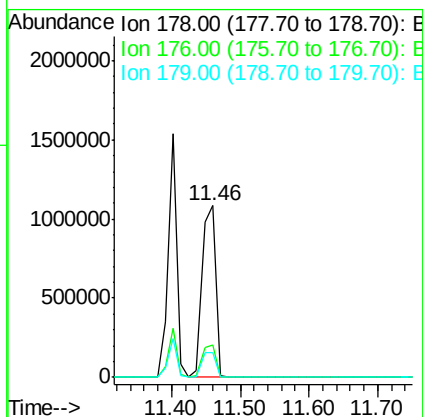
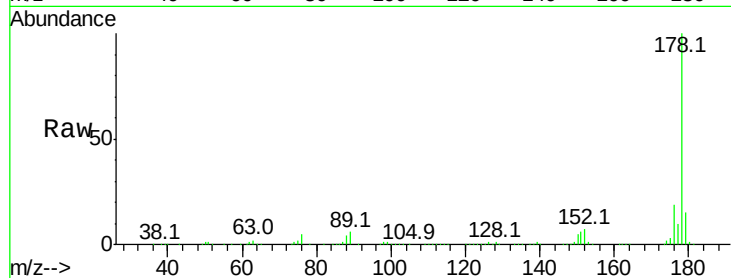
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1459676

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.9	23.9
179	14.7	13.2	19.8

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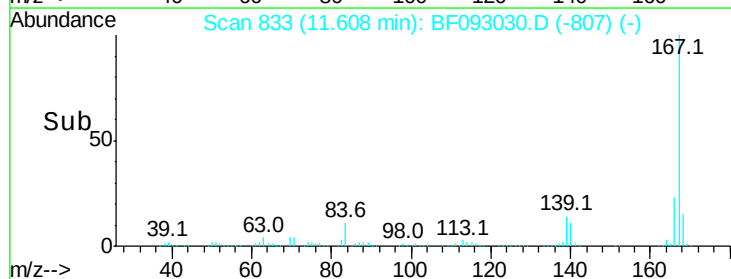
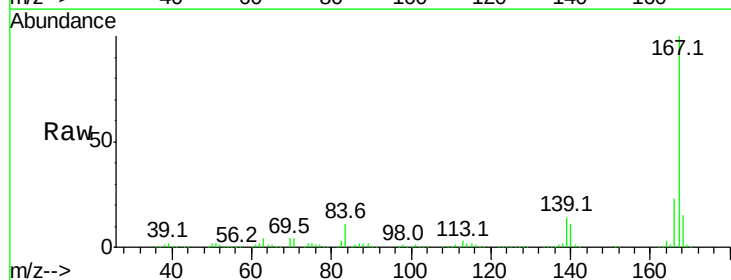
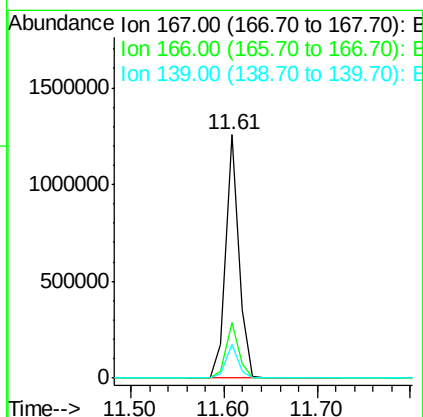
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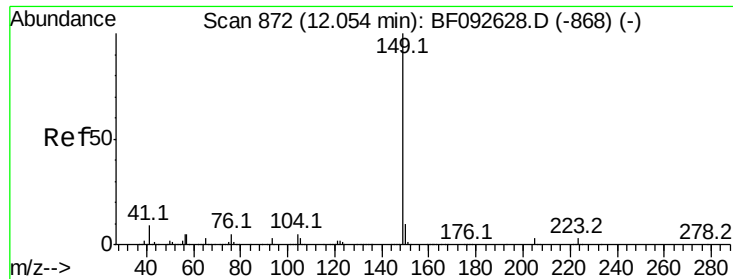


#72
 Carbazole
 Concen: 35.82 ng
 RT: 11.61 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Tgt Ion:167 Resp: 1239967

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.2
139	13.8	11.4	17.2





#73

Di-n-butylphthalate

Concen: 42.57 ng

RT: 11.94 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

ClientSampleId :

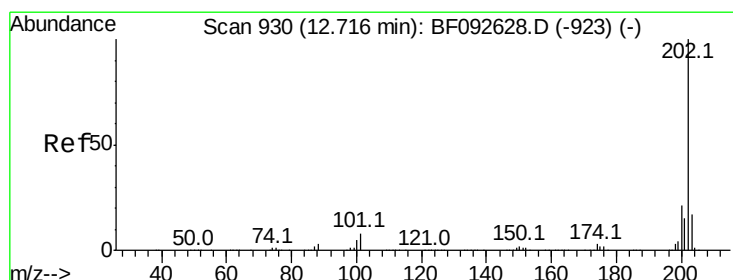
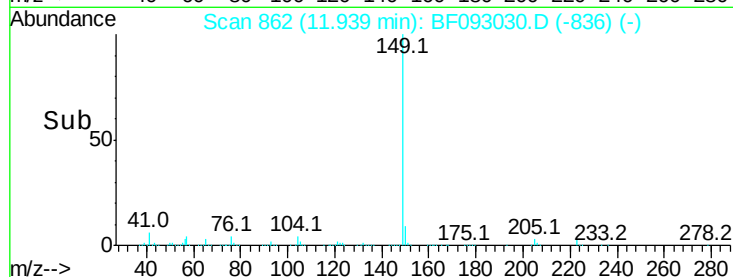
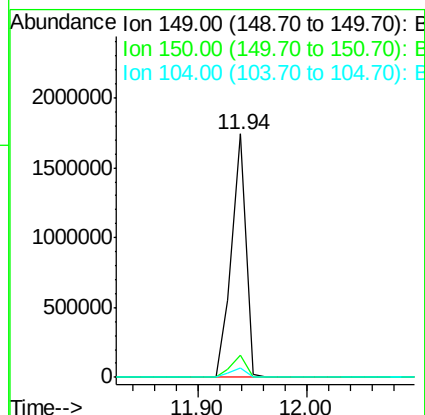
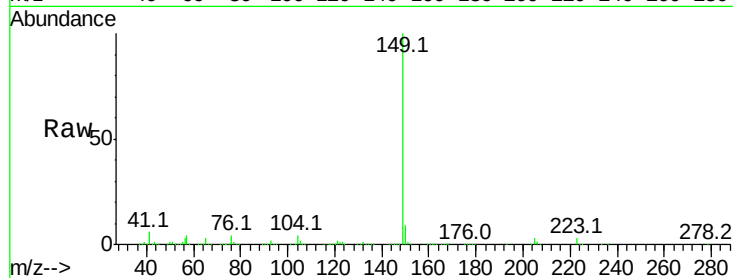
SSTDCCC040

Tot Ion:149 Resp: 1593833

Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.1	12.1
104	4.0	4.6	7.0

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#74

Fluoranthene

Concen: 40.44 ng

RT: 12.59 min Scan# 919

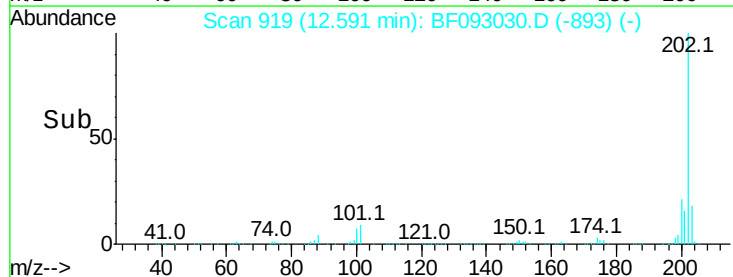
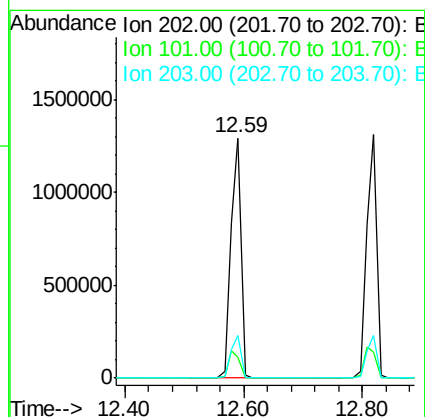
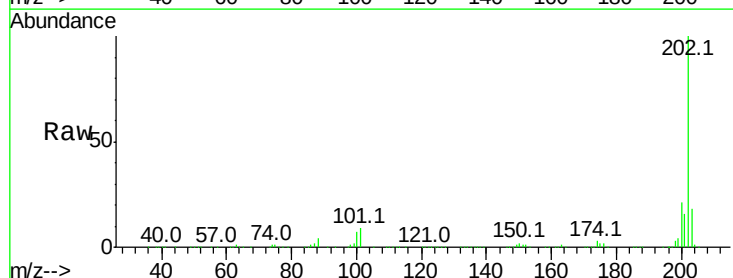
Delta R.T. 0.00 min

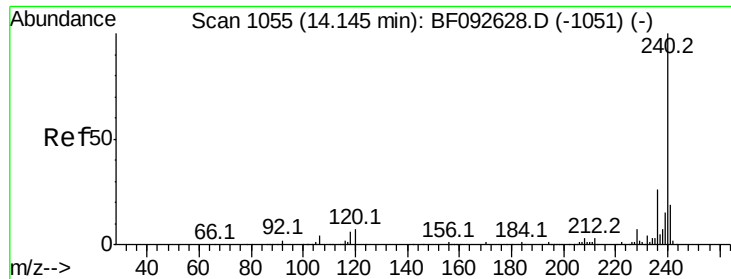
Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Tgt Ion:202 Resp: 1504336

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	34.6
203	17.6	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

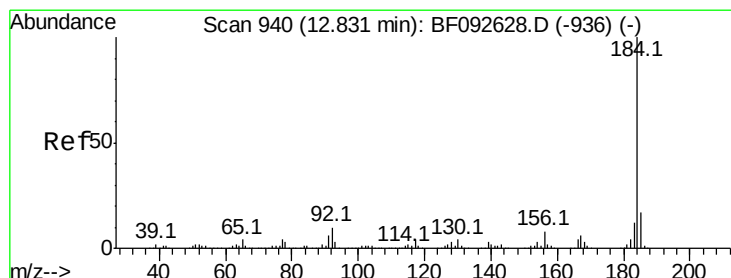
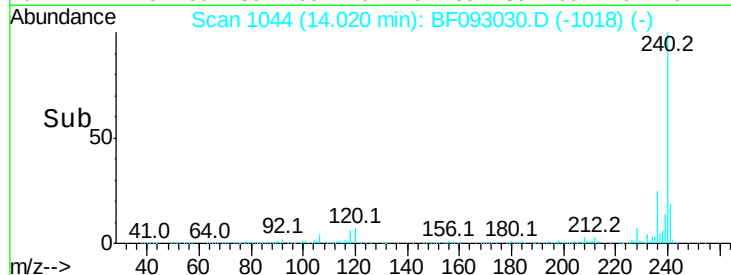
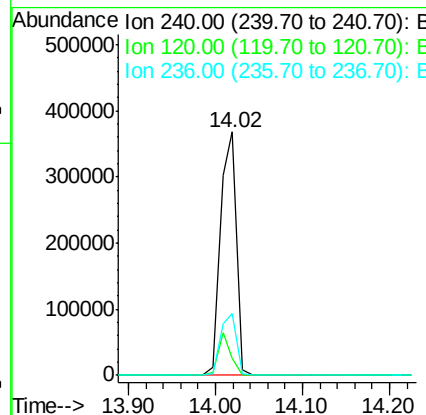
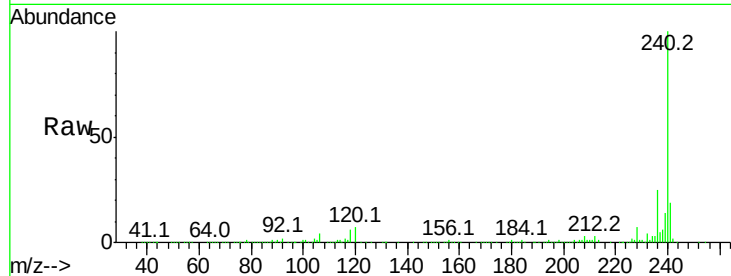
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.0	12.9	19.3#
236	25.4	20.9	31.3

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#76

Benzidine

Concen: 32.23 ng

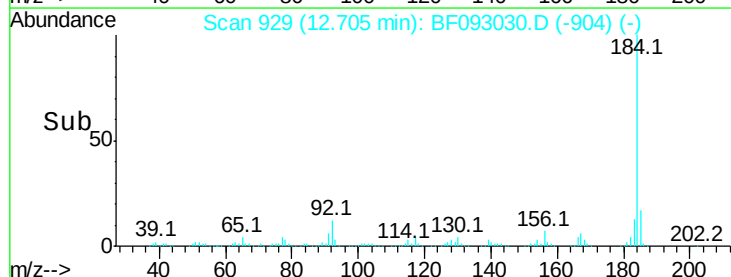
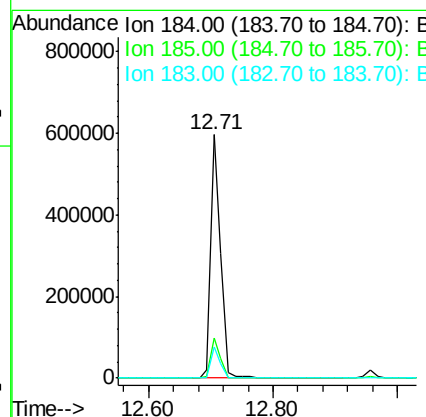
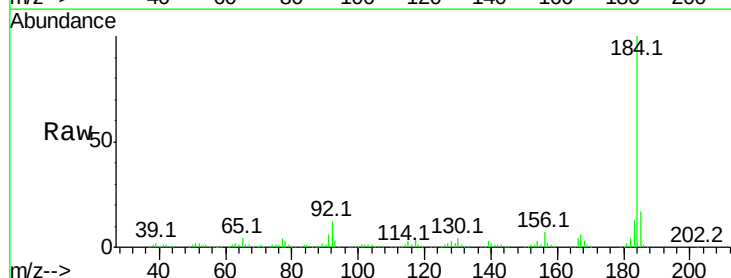
RT: 12.71 min Scan# 929

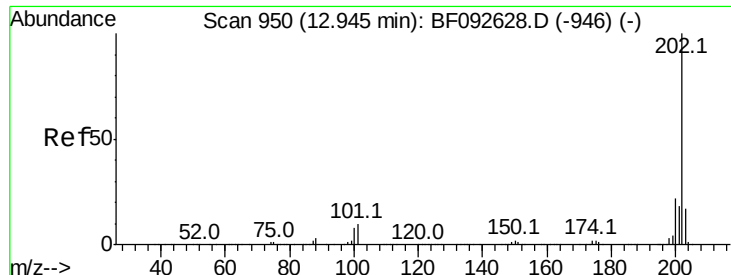
Delta R.T. -0.01 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.7	13.4	20.0
183	12.6	9.2	13.8





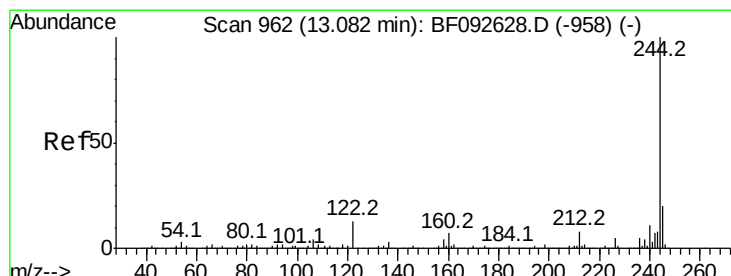
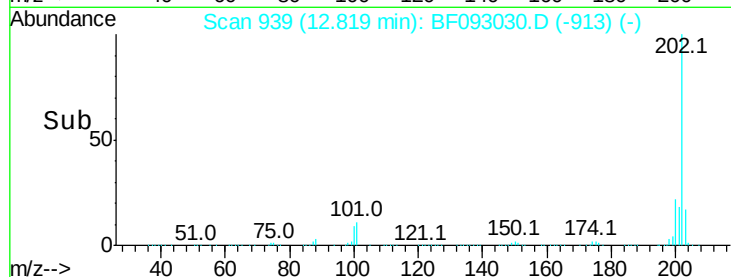
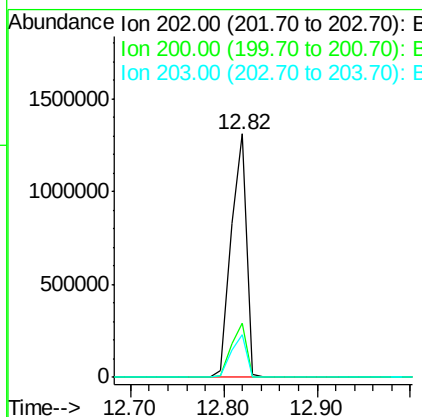
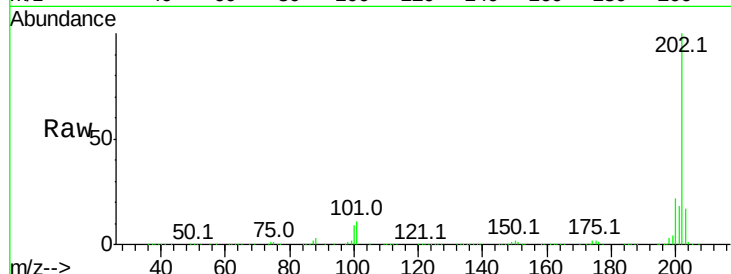
#77
Pvrene
Concen: 42.21 ng
RT: 12.82 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1510149
Ion Ratio Lower Upper
202 100
200 22.2 17.7 26.5
203 17.5 14.7 22.1

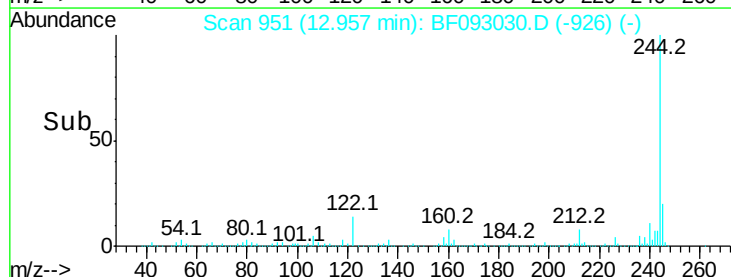
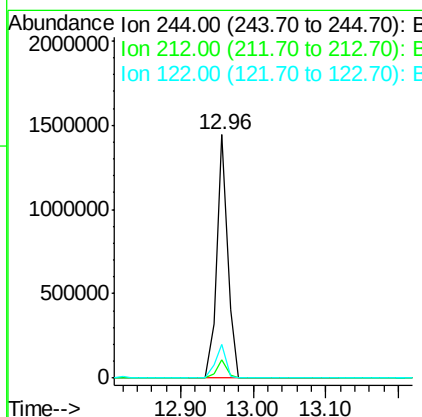
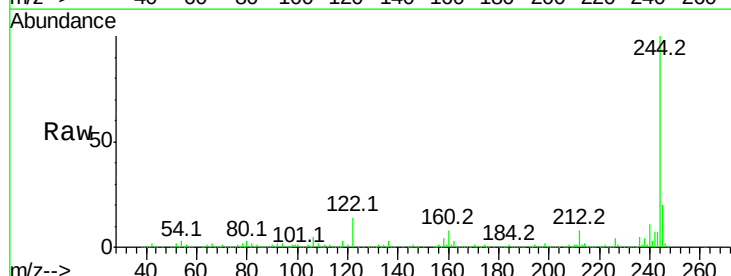
Manual Integrations
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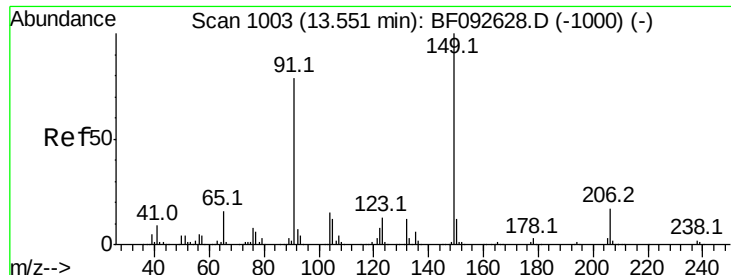
mohammad
2/21/2017 3:57:24 PM



#78
Terphenyl-d14
Concen: 73.94 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Tgt Ion:244 Resp: 1504457
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 13.8 11.4 17.2





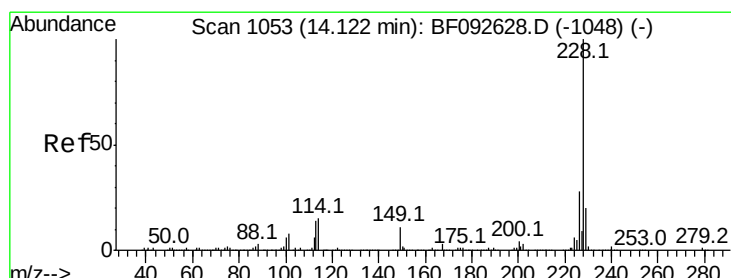
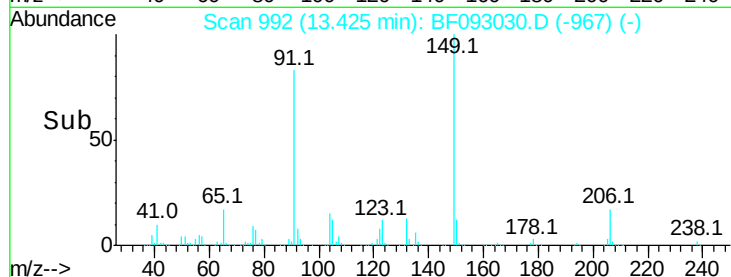
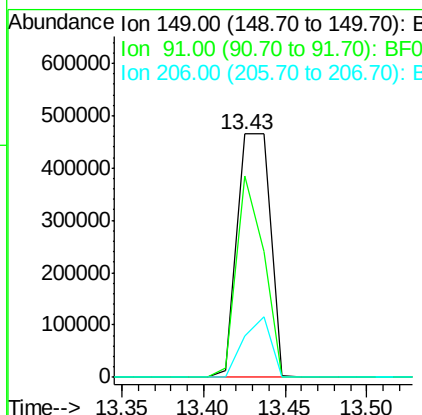
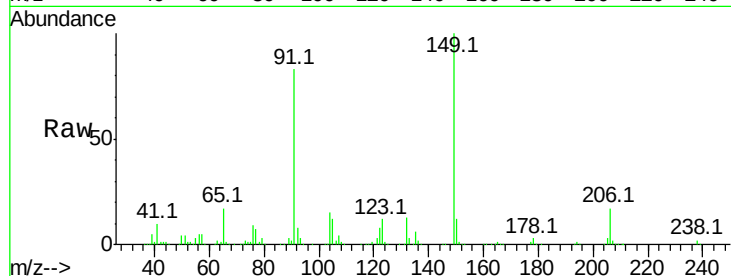
#79
Butylbenzylphthalate
Concen: 44.69 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	649380		
91	82.8	63.9	95.9	
206	17.0	14.6	21.8	

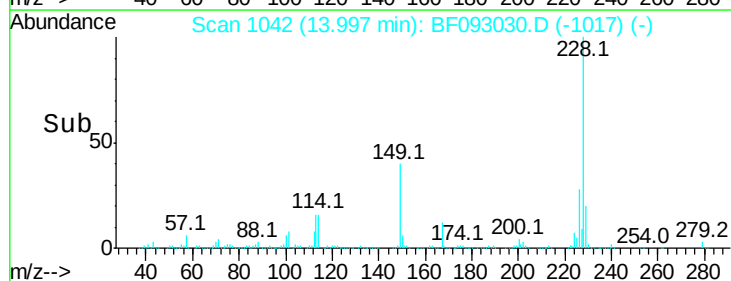
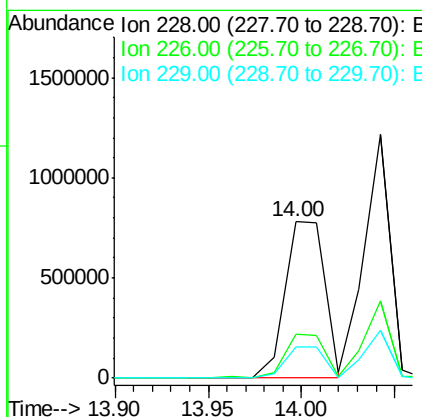
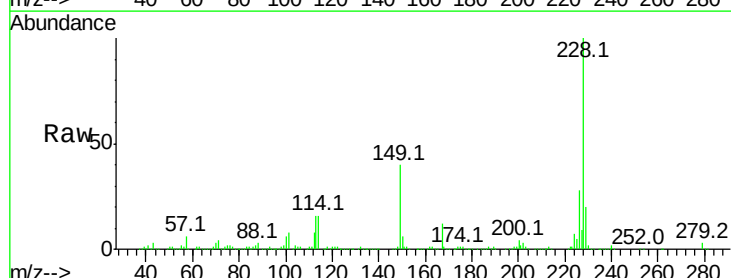
Manual Integrations
APPROVED

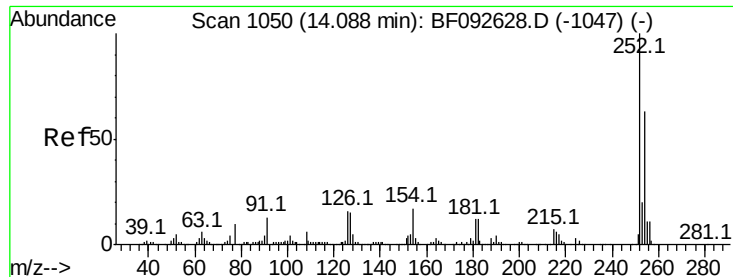
mohammad
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#80
Benzo(a)anthracene
Concen: 39.61 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1158156		
226	28.1	22.4	33.6	
229	19.9	16.2	24.4	





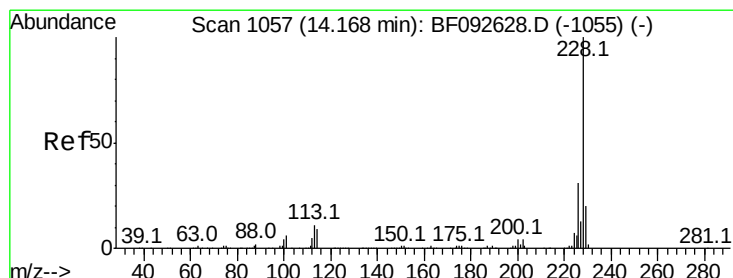
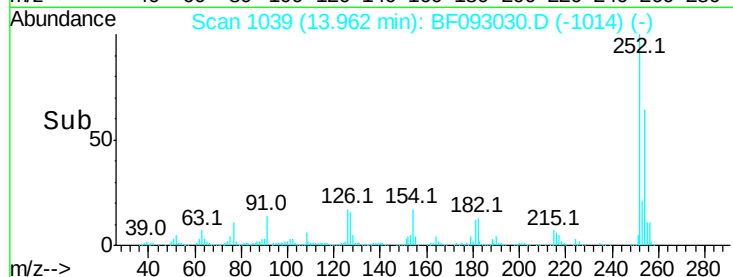
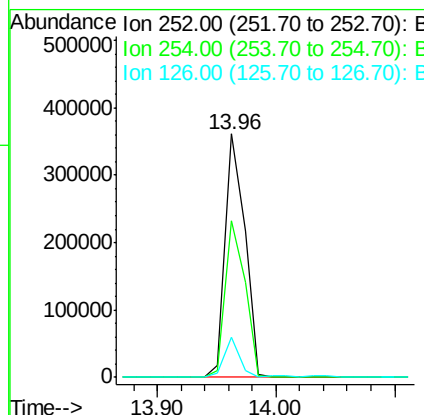
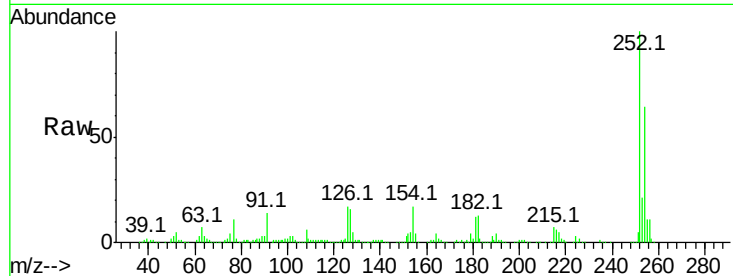
#81
 3,3'-Dichlorobenzidine
 Concen: 39.66 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.3	78.5
126	16.6	13.6	20.4

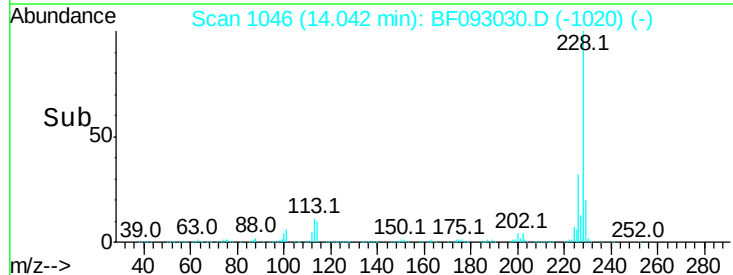
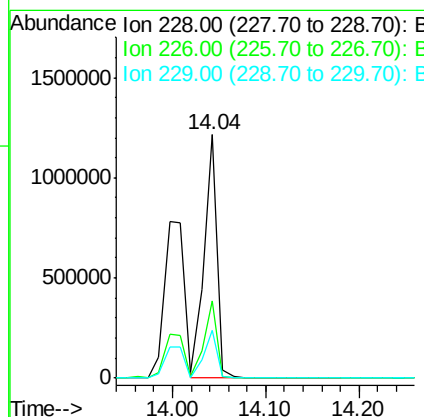
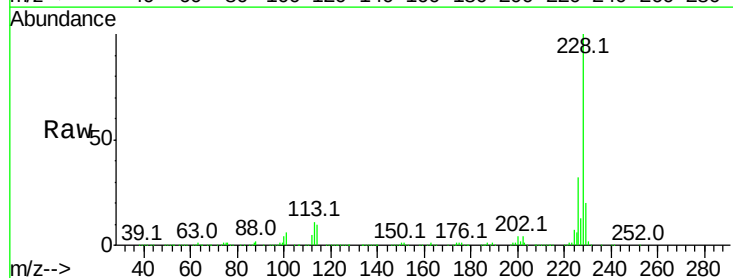
Manual Integrations
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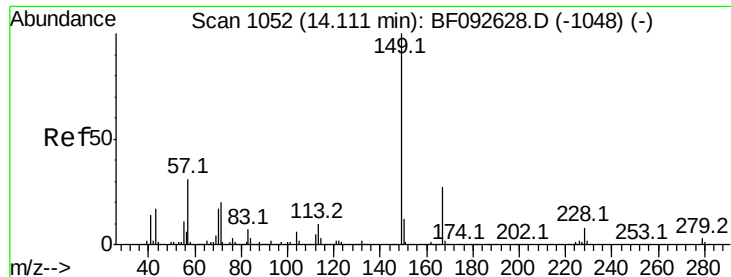
mohammad
 2/21/2017 3:57:24 PM



#82
 Chrysene
 Concen: 42.97 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	19.8	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.94 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

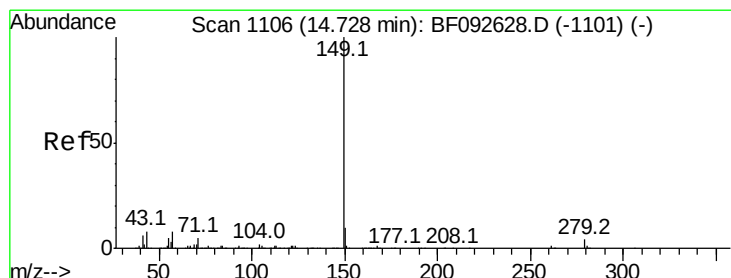
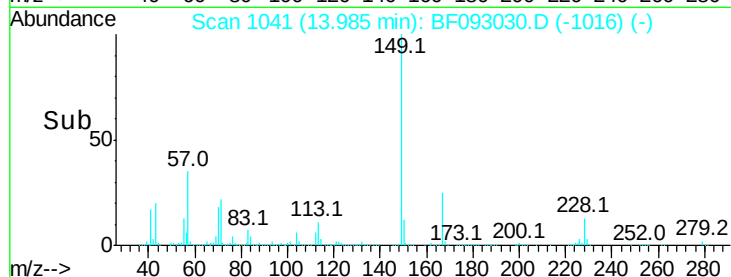
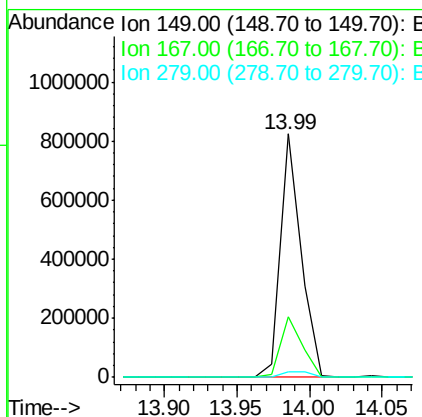
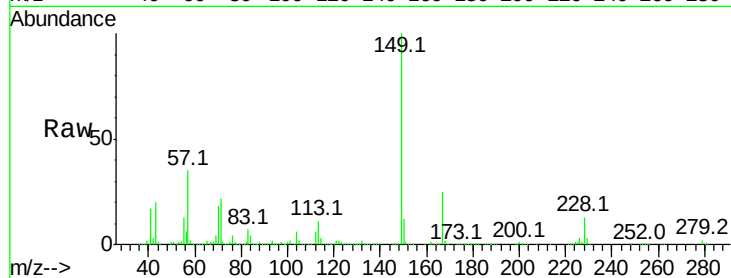
ClientSampled :

SSTDCCC040

Tot Ion:	149	Resp:	813595
Ion Ratio	Lower	Upper	
149	100		
167	24.9	20.2	30.4
279	2.2	1.8	2.8

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 43.95 ng

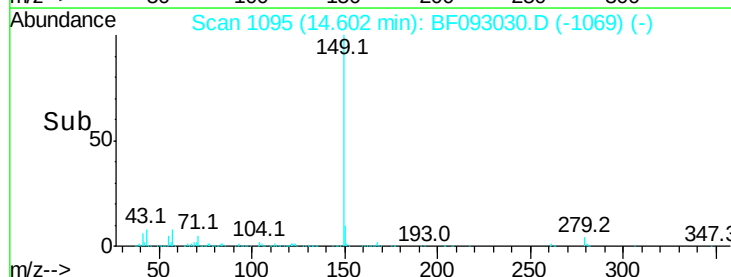
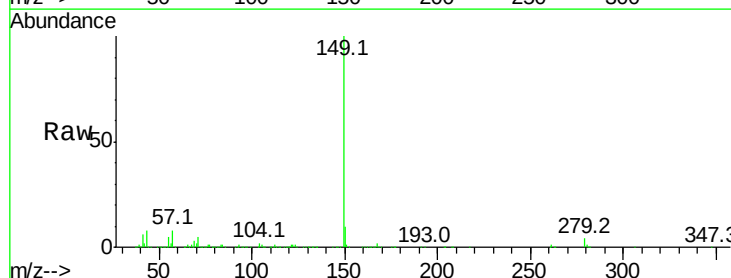
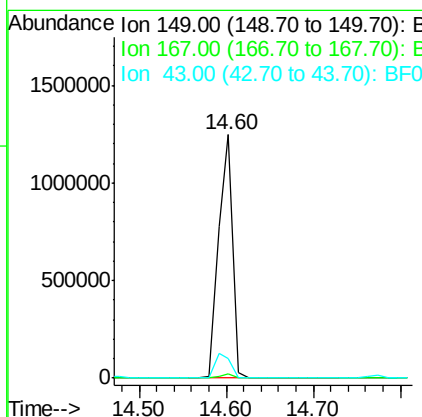
RT: 14.60 min Scan# 1095

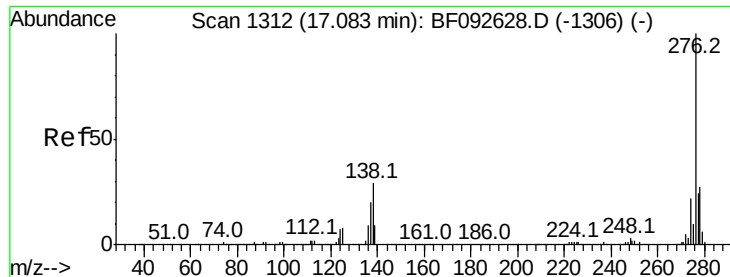
Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Tgt Ion:	149	Resp:	1421998
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	11.3	8.9	13.3





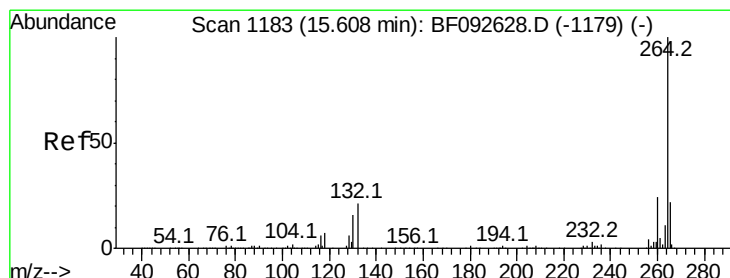
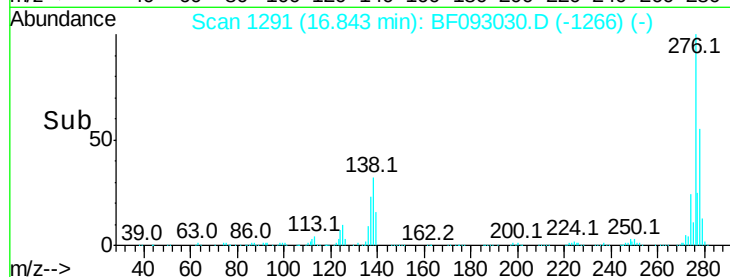
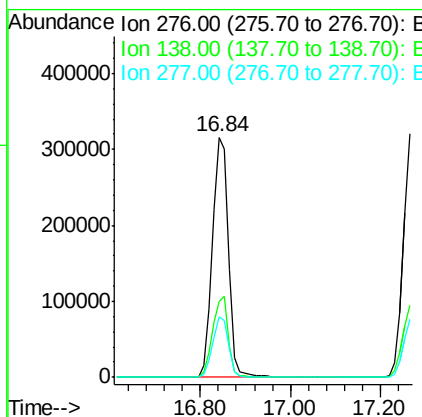
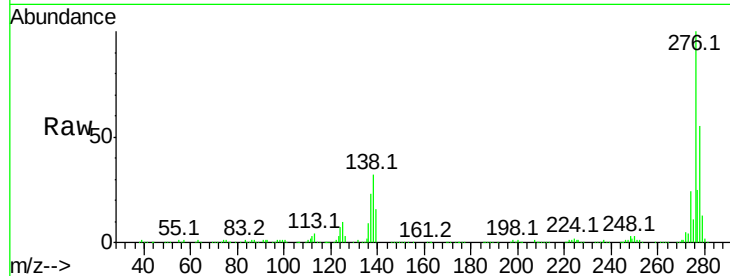
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.11 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.0	21.8	32.6
277	25.0	20.2	30.4

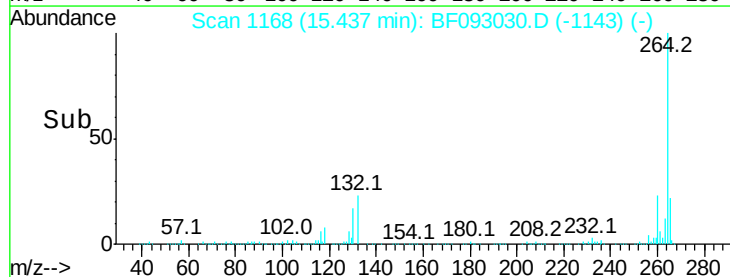
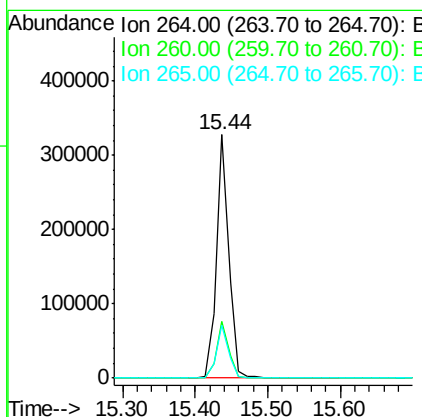
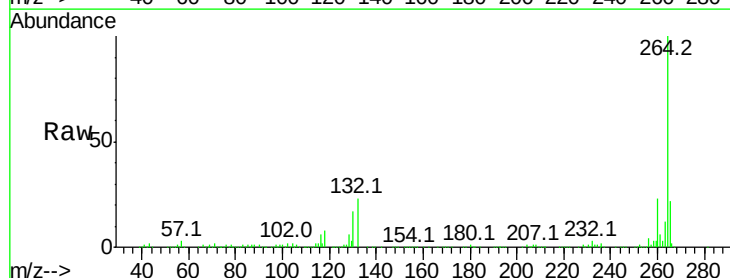
Manual Integrations
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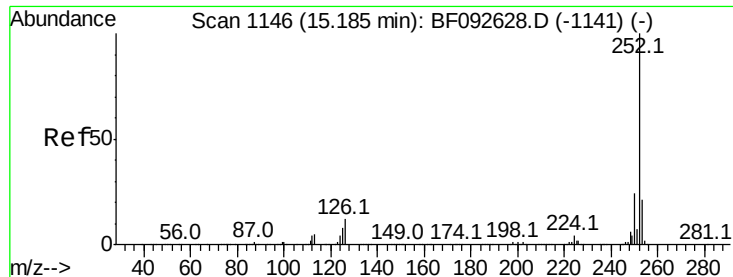
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.7	17.4	26.0





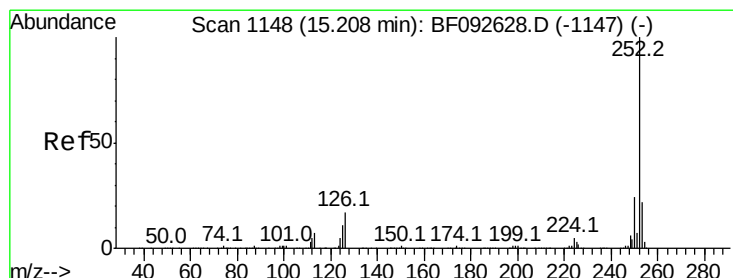
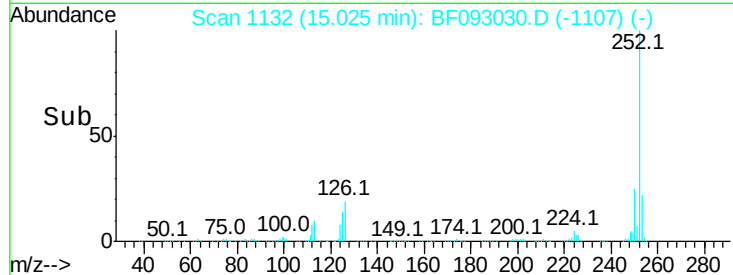
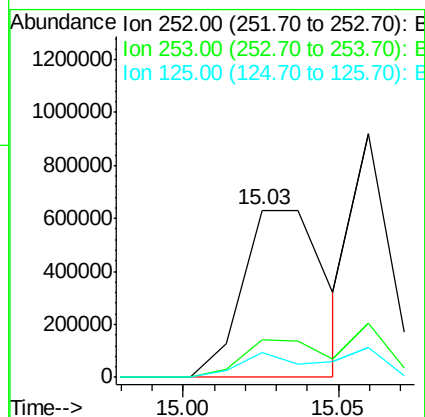
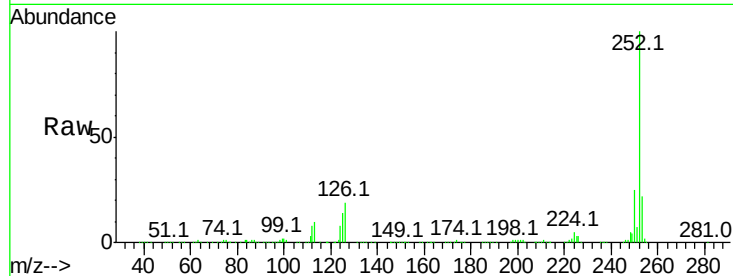
#87
Benzo(b)fluoranthene
Concen: 46.22 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1172693
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 14.5 9.8 14.6

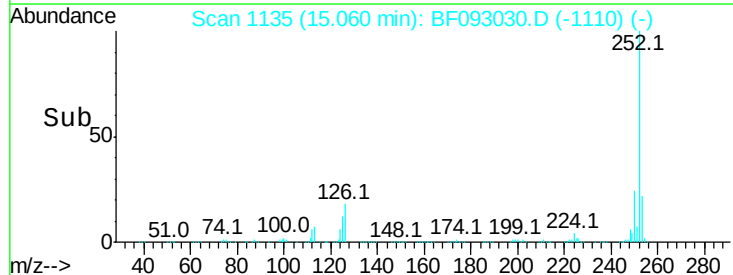
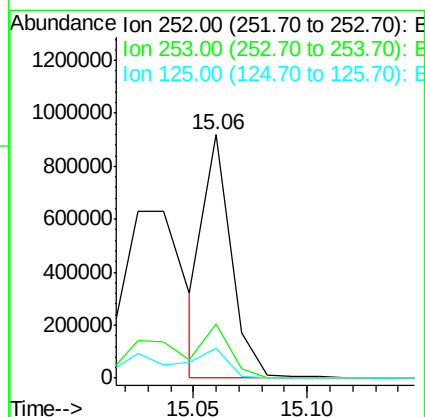
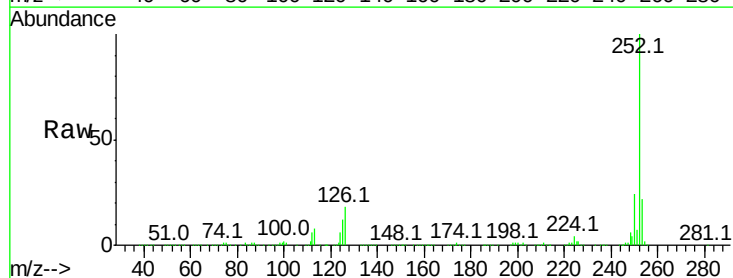
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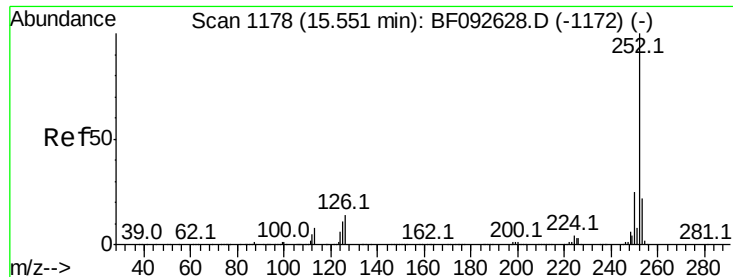
mohammad
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#88
Benzo(k)fluoranthene
Concen: 35.00 ng m
RT: 15.06 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Tgt Ion:252 Resp: 766673
Ion Ratio Lower Upper
252 100
253 22.1 18.5 27.7
125 12.5 8.9 13.3





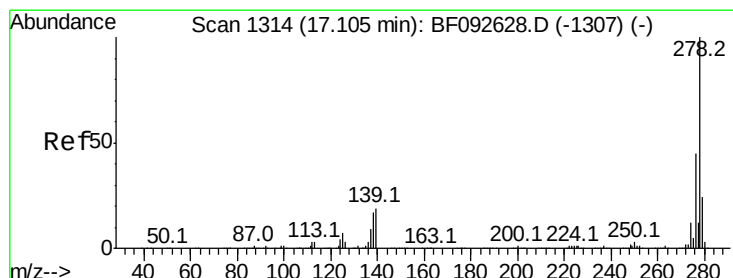
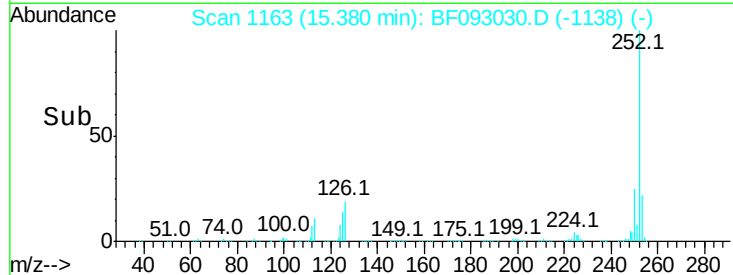
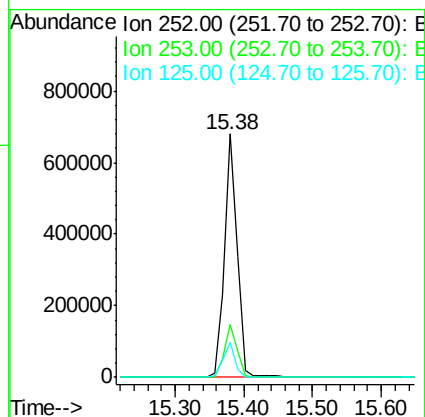
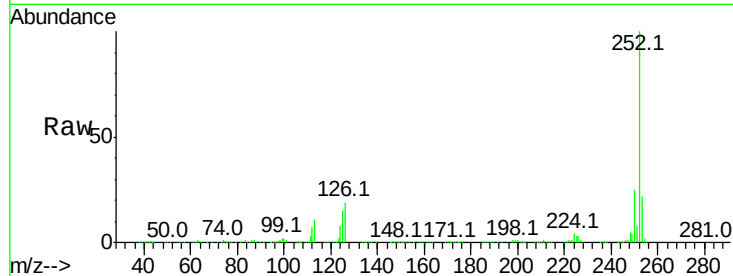
#89
Benzo(a)pyrene
Concen: 40.51 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	14.6	10.0	15.0

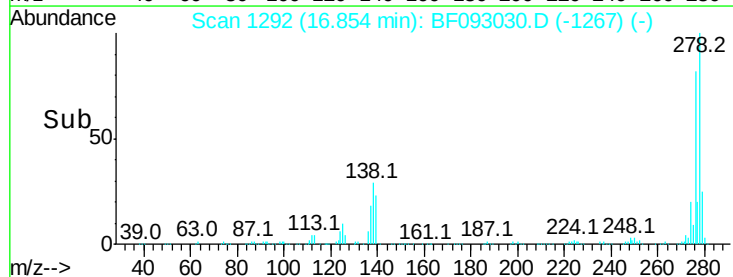
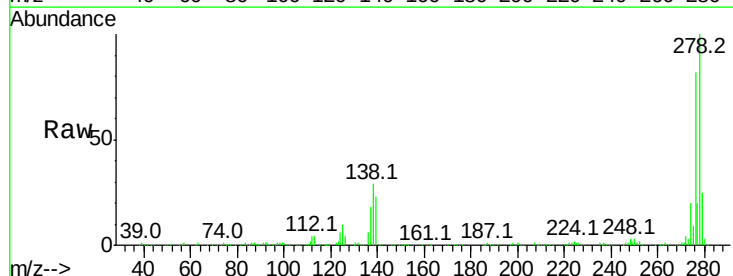
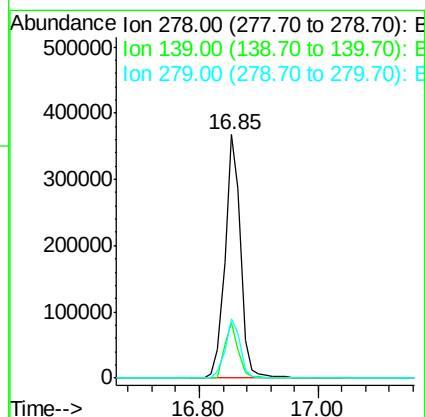
Manual Integrations
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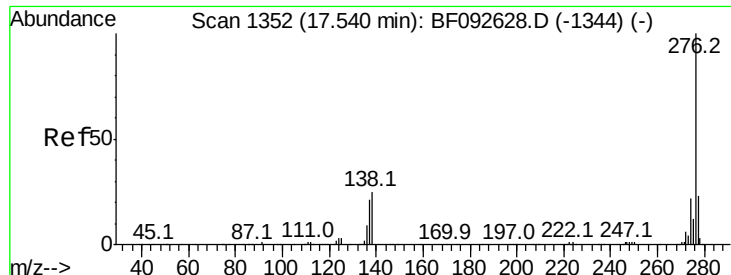
mohammad
2/21/2017 3:57:24 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.53 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.8	14.8	22.2#
279	24.6	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 37.90 ng
 RT: 17.27 min Scan# 1328
 Delta R.T. -0.02 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	29.9	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 2/21/2017 3:57:24 PM

