

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\
 Data File : BF093420.D
 Acq On : 7 Mar 2017 15:39
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 3/8/2017 1:45:42 PM

Quant Time: Mar 08 00:37:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	204684	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	837317	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	475472	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	726121	20.00	ng	0.01
75) Chrysene-d12	13.93	240	596601	20.00	ng	0.01
86) Perylene-d12	15.34	264	498407	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	965439	78.50	ng	0.00
7) Phenol-d6	6.42	99	1258229	81.13	ng	0.01
23) Nitrobenzene-d5	7.34	82	1246173	82.58	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	228539	73.77	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1908437	74.66	ng	0.00
78) Terphenyl-d14	12.87	244	1617981	70.51	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.26	88	273780	40.42	ng	# 84
3) Pyridine	2.96	79	728977	42.21	ng	89
4) n-Nitrosodimethylamine	2.93	42	358863	43.50	ng	85
6) Aniline	6.42	93	815270	38.30	ng	# 68
8) 2-Chlorophenol	6.55	128	551306	40.01	ng	95
9) Benzaldehyde	6.31	77	395580	43.04	ng	90
10) Phenol	6.44	94	745630	39.24	ng	94
11) bis(2-Chloroethyl)ether	6.50	93	586838	38.21	ng	92
12) 1,3-Dichlorobenzene	6.70	146	614844m	38.98	ng	
13) 1,4-Dichlorobenzene	6.78	146	638434	39.54	ng	99
14) 1,2-Dichlorobenzene	6.94	146	589015	41.19	ng	96
15) Benzyl Alcohol	6.93	79	443978	40.16	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1030616	40.39	ng	87
17) 2-Methylphenol	7.04	107	460238	39.49	ng	93
18) Hexachloroethane	7.27	117	218048	40.04	ng	90
19) n-Nitroso-di-n-propylamine	7.19	70	399822	37.50	ng	94
20) 3+4-Methylphenols	7.20	107	614337	40.64	ng	# 77
22) Acetophenone	7.19	105	794594	39.44	ng	# 97
24) Nitrobenzene	7.36	77	687820	40.55	ng	98
25) Isophorone	7.60	82	1214839	39.92	ng	95
26) 2-Nitrophenol	7.68	139	327119	42.27	ng	# 86
27) 2,4-Dimethylphenol	7.73	122	547487	43.49	ng	95
28) bis(2-Chloroethoxy)methane	7.81	93	724553	37.71	ng	99
29) 2,4-Dichlorophenol	7.92	162	486219	41.06	ng	87
30) 1,2,4-Trichlorobenzene	8.00	180	505883	40.17	ng	99
31) Naphthalene	8.08	128	1638549	39.05	ng	98
32) Benzoic acid	7.89	122	238970	36.53	ng	97
33) 4-Chloroaniline	8.14	127	717827	42.16	ng	98
34) Hexachlorobutadiene	8.18	225	254111	39.17	ng	99
35) Caprolactam	8.53	113	173236	42.83	ng	# 44
36) 4-Chloro-3-methylphenol	8.63	107	512211	40.52	ng	99
37) 2-Methylnaphthalene	8.77	142	1071650	40.14	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	490465	37.78	ng	99
40) Hexachlorocyclopentadiene	8.92	237	94151	36.48	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	305355	37.64	nq	93
43) 2,4,5-Trichlorophenol	9.10	196	343165	39.43	nq	96
45) 1,1'-Biphenyl	9.24	154	1254502	36.22	nq	99
46) 2-Chloronaphthalene	9.26	162	1057670	39.89	nq	98
47) 2-Nitroaniline	9.36	65	368277	39.29	nq	93
48) Acenaphthylene	9.67	152	1597918	36.54	nq	99
49) Dimethylphthalate	9.53	163	1159554	36.79	nq	98
50) 2,6-Dinitrotoluene	9.61	165	259041	37.45	nq #	71
51) Acenaphthene	9.84	154	987309	38.18	nq	98
52) 3-Nitroaniline	9.77	138	299574	36.05	nq	94
53) 2,4-Dinitrophenol	9.90	184	140739	44.68	nq #	77
54) Dibenzofuran	10.01	168	1269532	39.23	nq	94
55) 4-Nitrophenol	9.97	139	150399	37.26	nq #	81
56) 2,4-Dinitrotoluene	10.01	165	292757	34.45	nq #	77
57) Fluorene	10.36	166	1121219	40.88	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	246439	40.12	nq	94
59) Diethylphthalate	10.23	149	1076622	35.74	nq	99
60) 4-Chlorophenyl-phenylether	10.34	204	486388	39.57	nq #	86
61) 4-Nitroaniline	10.39	138	313668	36.91	nq	95
62) Azobenzene	10.50	77	1318267	38.51	nq	96
64) 4,6-Dinitro-2-methylphenol	10.44	198	186982	39.75	nq	92
65) n-Nitrosodiphenylamine	10.47	169	963907	39.76	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	305540	39.79	nq #	83
67) Hexachlorobenzene	10.90	284	289810	39.53	nq	97
68) Atrazine	11.00	200	261333	36.83	nq	100
69) Pentachlorophenol	11.11	266	107008	42.27	nq	98
70) Phenanthrene	11.32	178	1599416	38.59	nq	99
71) Anthracene	11.36	178	1575649	37.58	nq	99
72) Carbazole	11.52	167	1540036	39.10	nq	99
73) Di-n-butylphthalate	11.85	149	1796929	39.43	nq #	96
74) Fluoranthene	12.50	202	1628327	40.67	nq	95
76) Benzidine	12.63	184	829686	42.29	nq	99
77) Pyrene	12.73	202	1668141	38.45	nq	99
79) Butylbenzylphthalate	13.34	149	718304	39.33	nq	98
80) Benzo(a)anthracene	13.92	228	1333454	37.85	nq	100
81) 3,3'-Dichlorobenzidine	13.89	252	489564	39.67	nq #	94
82) Chrysene	13.96	228	1244175	38.17	nq	100
83) Bis(2-ethylhexyl)phthalate	13.90	149	972544	38.20	nq	97
84) Di-n-octyl phthalate	14.51	149	1663469	39.20	nq	100
85) Indeno(1,2,3-cd)pyrene	16.71	276	1022516	37.47	nq #	93
87) Benzo(b)fluoranthene	14.94	252	1122138m	36.97	nq	
88) Benzo(k)fluoranthene	14.97	252	1183388m	40.43	nq	
89) Benzo(a)pyrene	15.28	252	1072364	38.66	nq	98
90) Dibenzo(a,h)anthracene	16.71	278	871676	37.98	nq	96
91) Benzo(g,h,i)perylene	17.12	276	915228	38.85	nq #	93

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

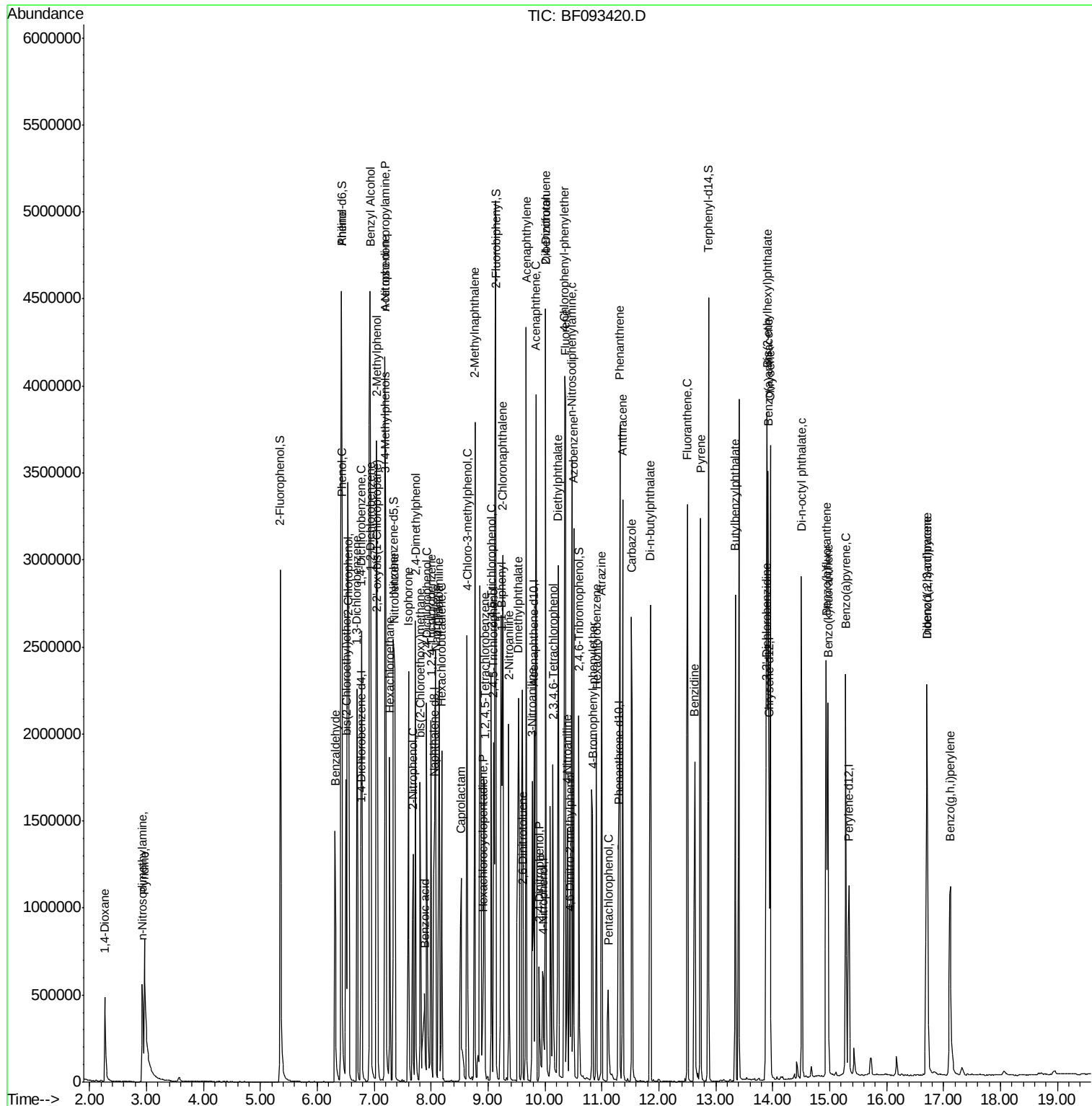
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\  
Data File : BF093420.D  
Acq On    : 7 Mar 2017 15:39  
Operator  : SJ/MA  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
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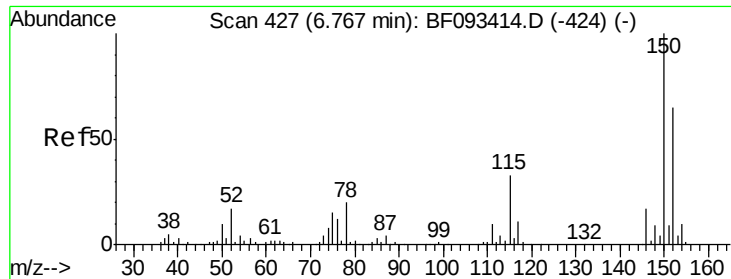
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

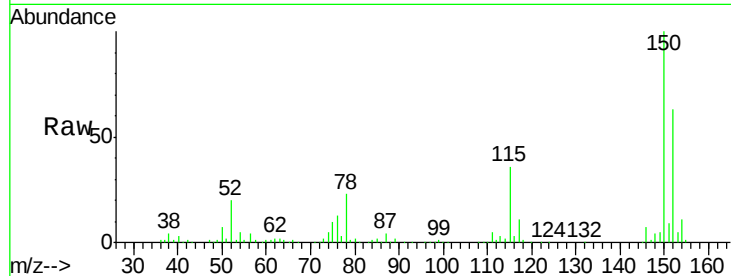
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

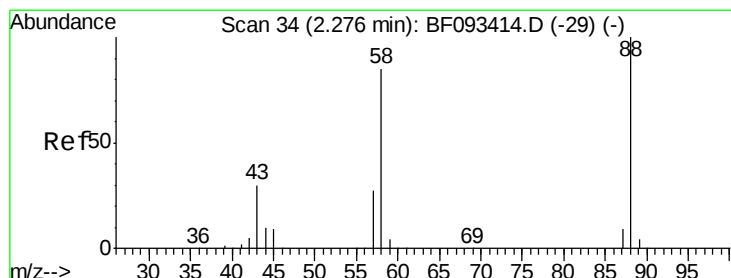
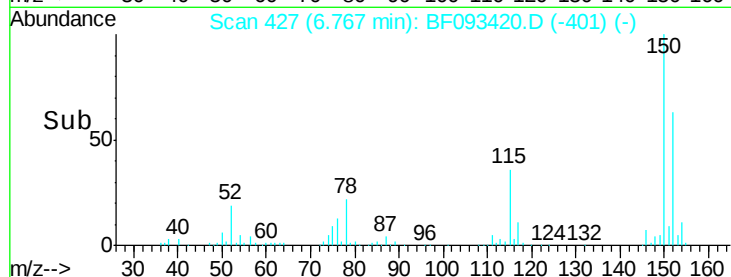
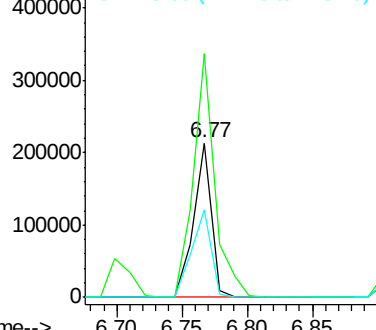
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.9	187.3
115	56.4	46.0	69.0

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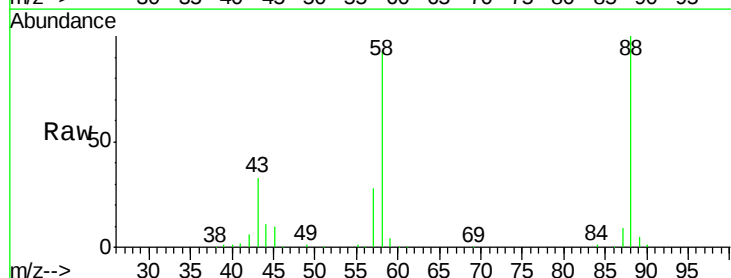
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



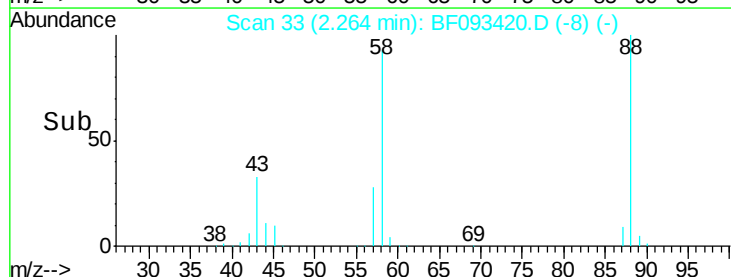
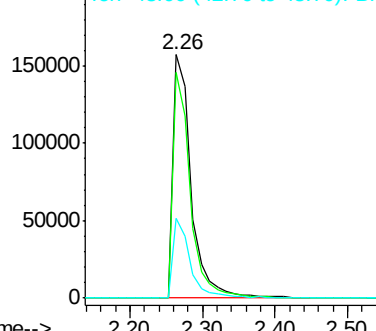
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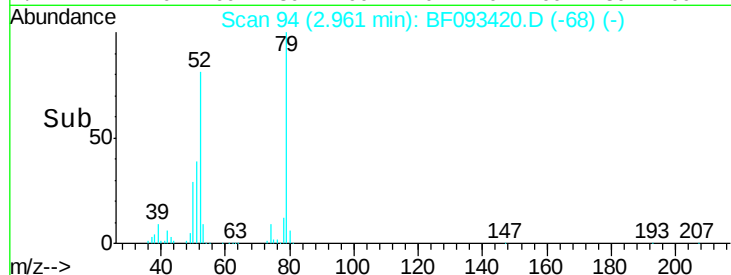
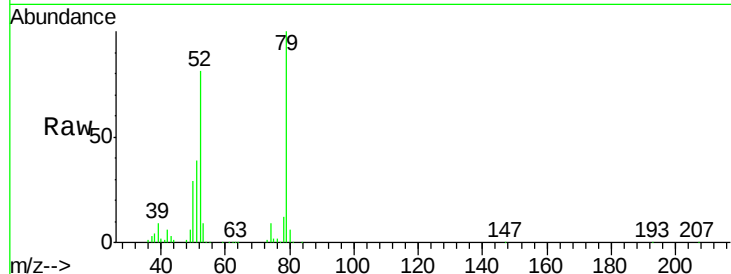
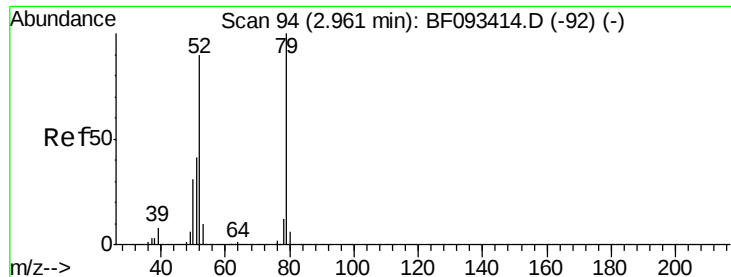
1,4-Dioxane
Concen: 40.42 ng
RT: 2.26 min Scan# 33
Delta R.T. -0.01 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.7	57.8	86.8#
43	30.6	22.3	33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





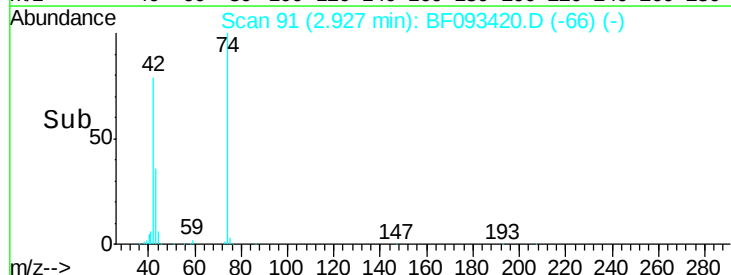
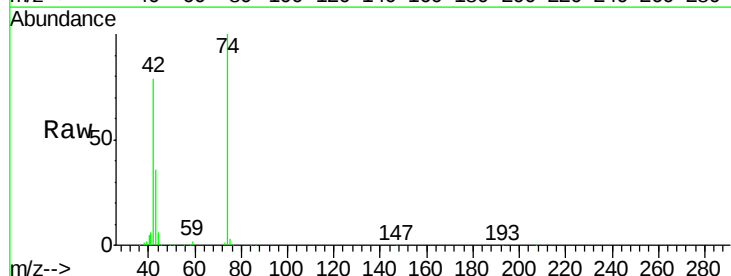
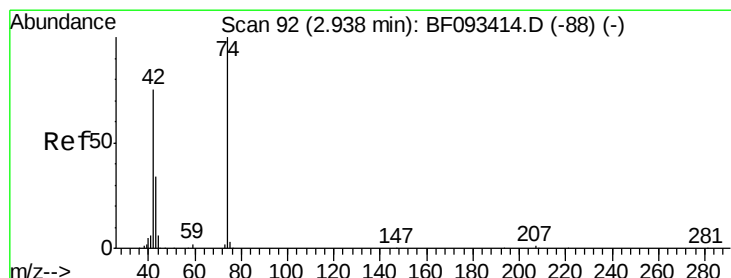
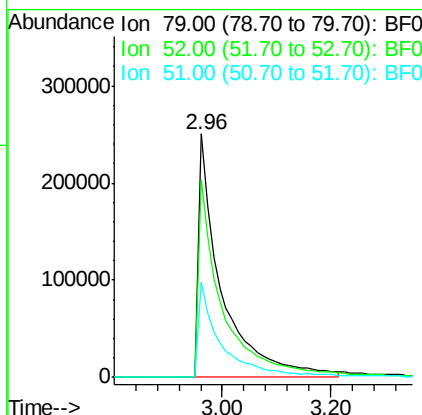
#3
 Pvridine
 Concen: 42.21 ng
 RT: 2.96 min Scan# 94
 Delta R.T. -0.00 min
 Lab File: BF093420.D
 Acq: 7 Mar 2017 15:39

Tot Ion	Ratio	Lower	Upper
79	100		
52	81.0	57.1	85.7
51	38.9	27.3	40.9

Instrument :
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 ClientSampleId :
 SSTDCCC040

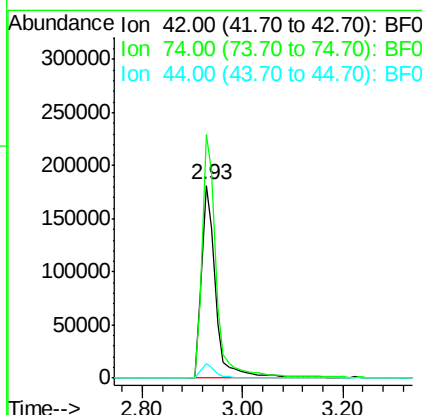
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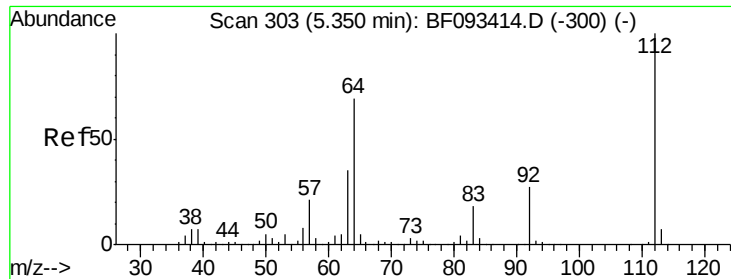
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#4
 n-Nitrosodimethylamine
 Concen: 43.50 ng
 RT: 2.93 min Scan# 91
 Delta R.T. -0.01 min
 Lab File: BF093420.D
 Acq: 7 Mar 2017 15:39

Tgt Ion	Ratio	Lower	Upper
42	100		
74	126.4	117.0	175.4
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 78.50 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

Instrument :

BNA_F

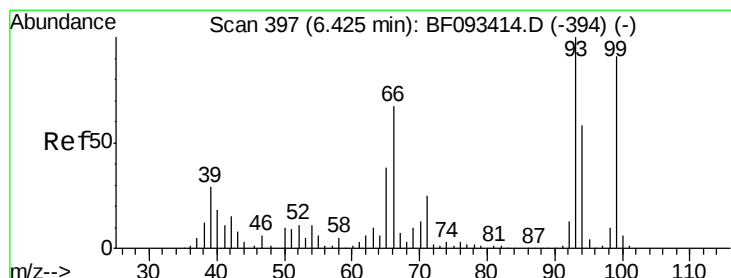
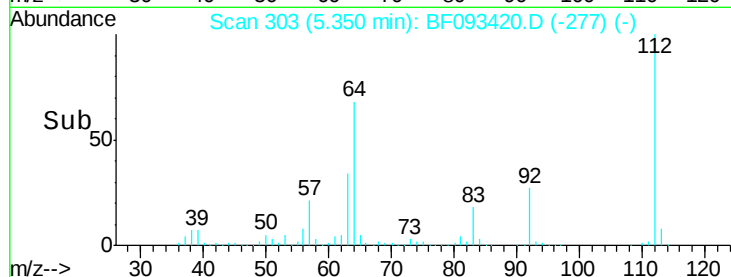
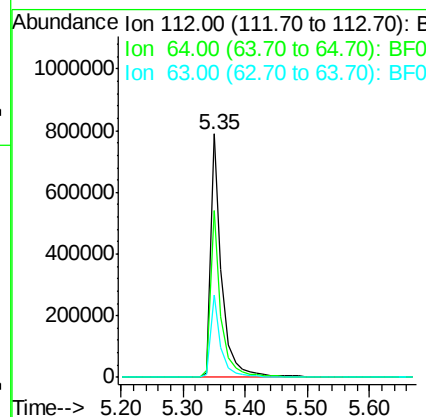
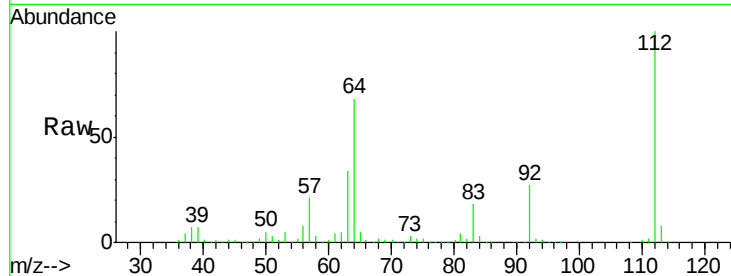
ClientSampled :

SSTDCCC040

Tot Ion:	112	Resp:	965439
Ion Ratio	Lower	Upper	
112	100		
64	68.3	46.1	69.1
63	34.0	23.8	35.6

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#6

Aniline

Concen: 38.30 ng

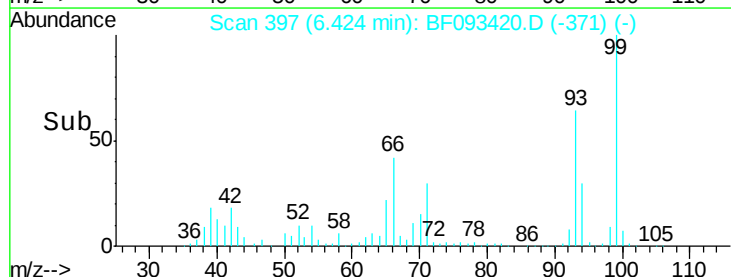
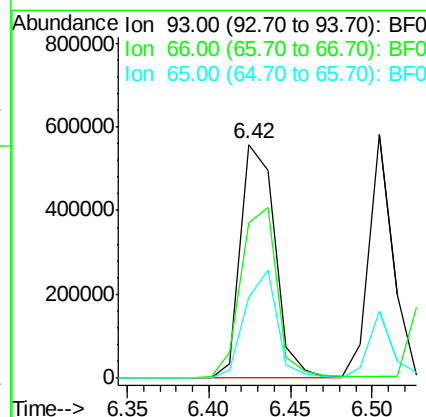
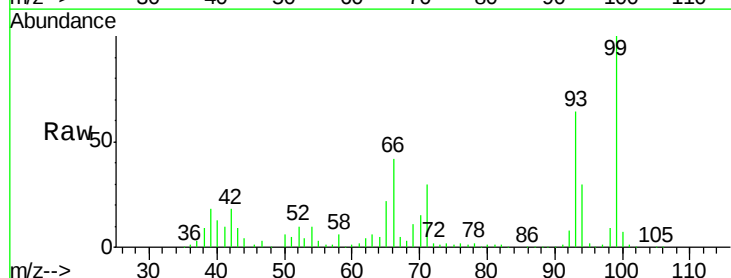
RT: 6.42 min Scan# 397

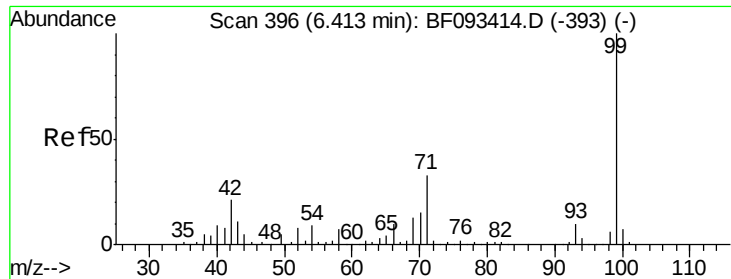
Delta R.T. -0.00 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

Tgt Ion:	93	Resp:	815270
Ion Ratio	Lower	Upper	
93	100		
66	66.4	76.2	114.2#
65	34.8	49.3	73.9#





#7

Phenol-d6

Concen: 81.13 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1258229

Ion Ratio Lower Upper

99 100

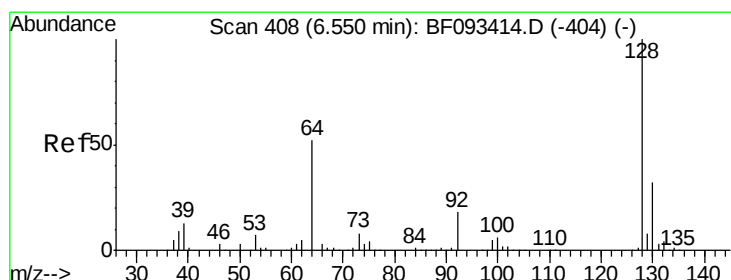
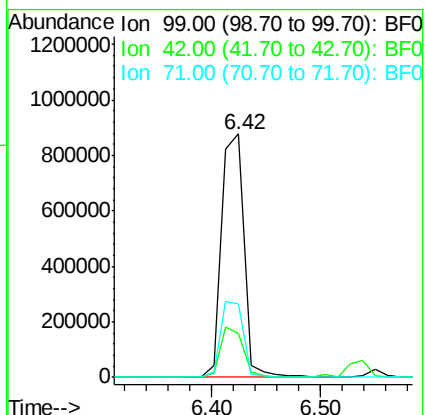
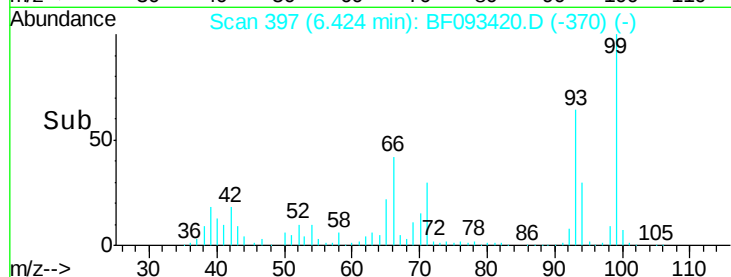
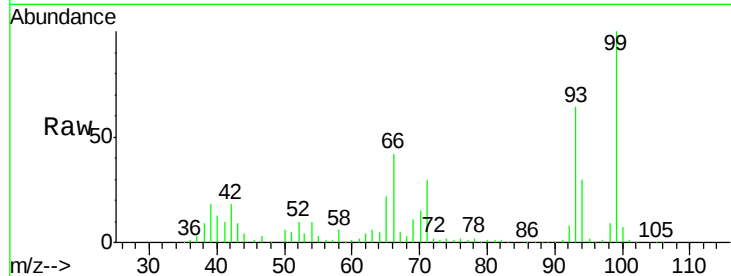
42 18.0 15.6 23.4

71 30.0 27.5 41.3

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#8

2-Chlorophenol

Concen: 40.01 ng

RT: 6.55 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

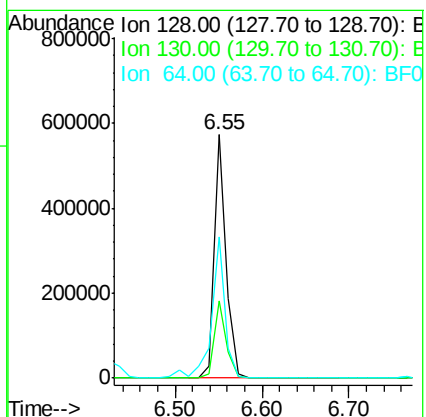
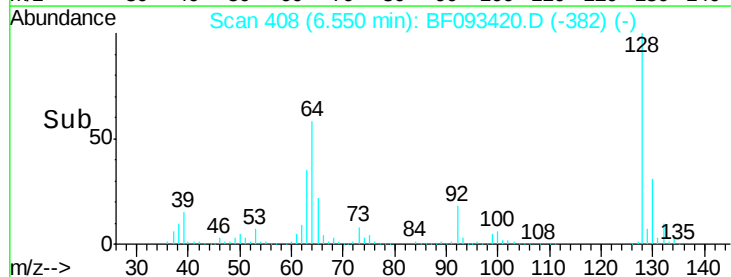
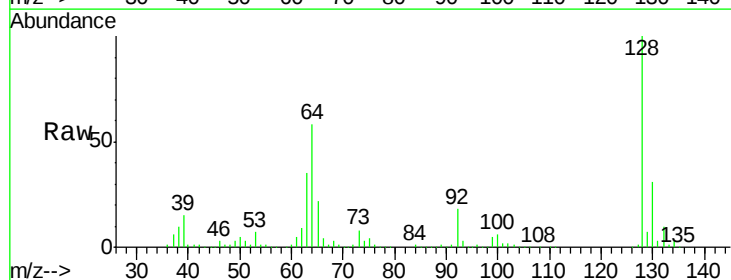
Tgt Ion: 128 Resp: 551306

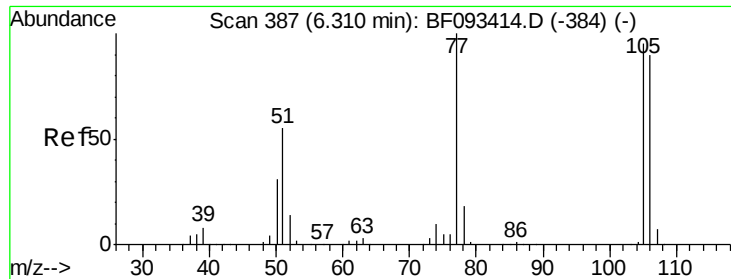
Ion Ratio Lower Upper

128 100

130 31.5 12.3 52.3

64 57.8 32.2 72.2





#9

Benzaldehyde

Concen: 43.04 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

Instrument :

BNA_F

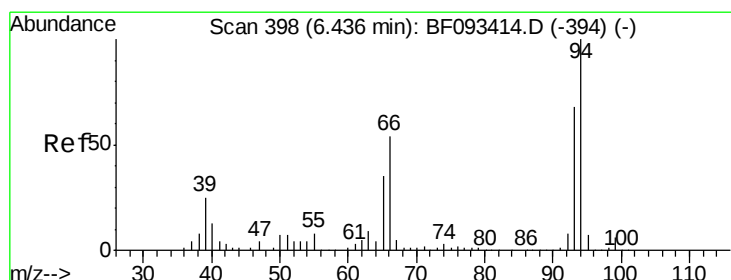
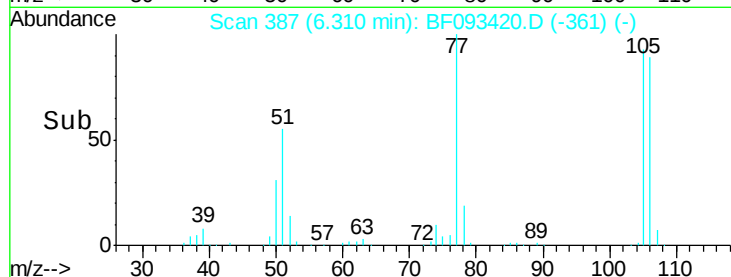
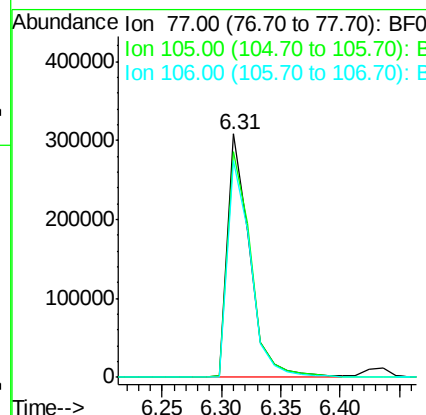
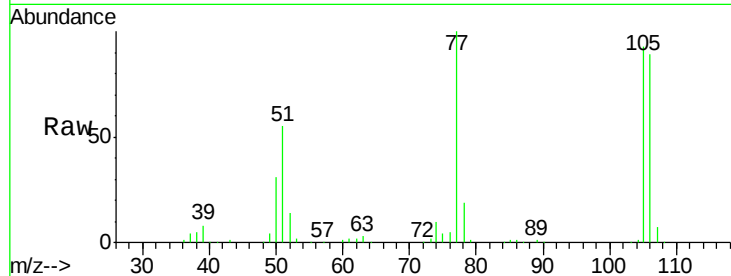
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	395580
Ion	Ratio	Lower	Upper
77	100		
105	92.9	83.9	123.9
106	88.9	77.6	117.6

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#10

Phenol

Concen: 39.24 ng

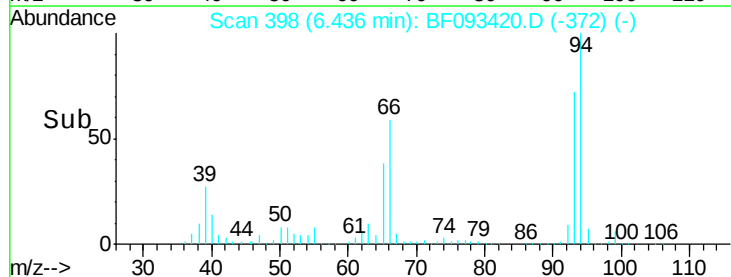
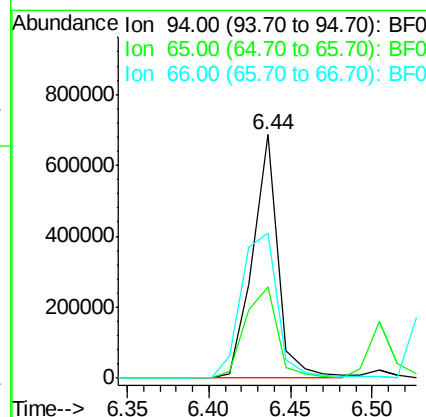
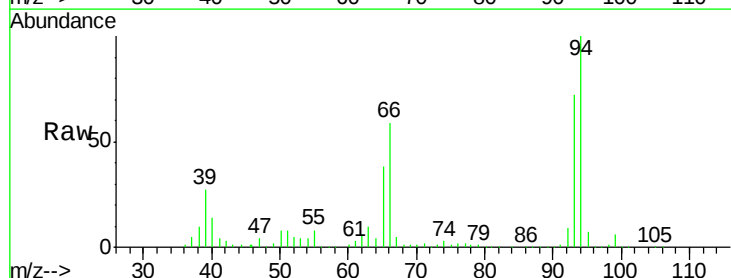
RT: 6.44 min Scan# 398

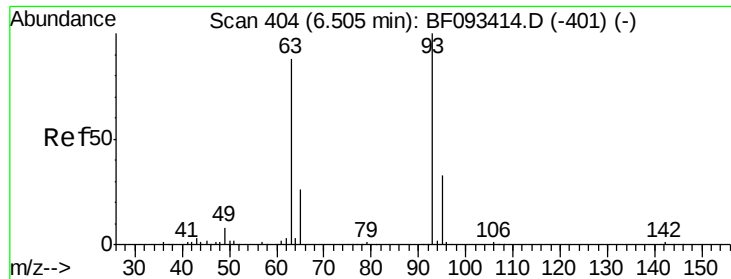
Delta R.T. -0.00 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

Tgt Ion:	94	Resp:	745630
Ion	Ratio	Lower	Upper
94	100		
65	37.7	21.4	61.4
66	59.5	44.0	84.0





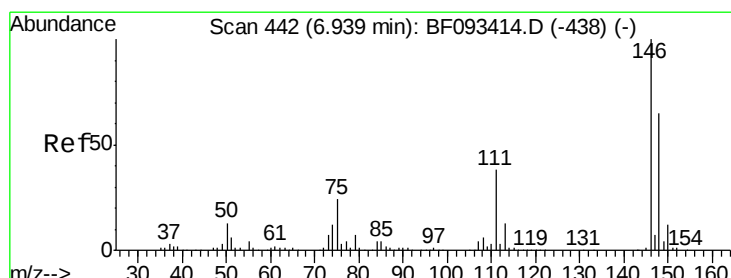
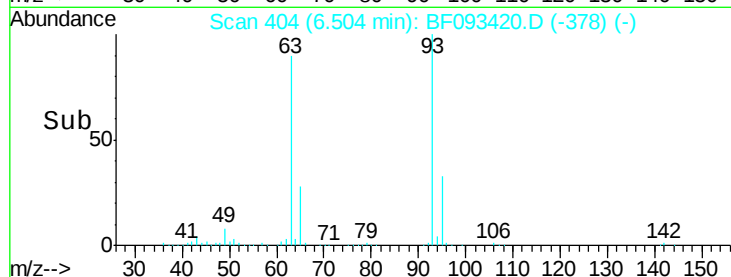
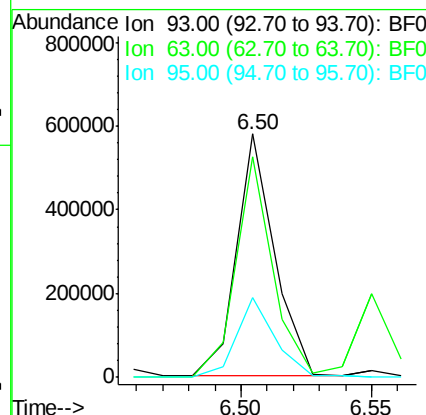
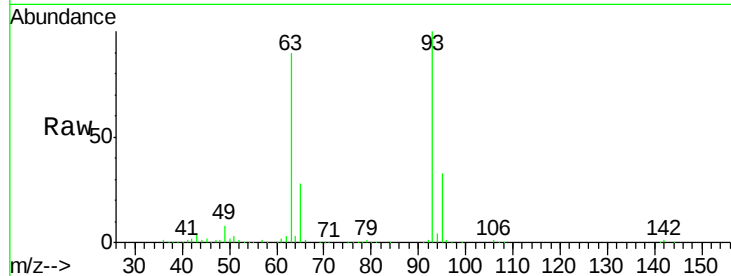
#11
bis(2-Chloroethyl)ether
Concen: 38.21 ng
RT: 6.50 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.4	60.4	100.4
95	33.0	12.8	52.8

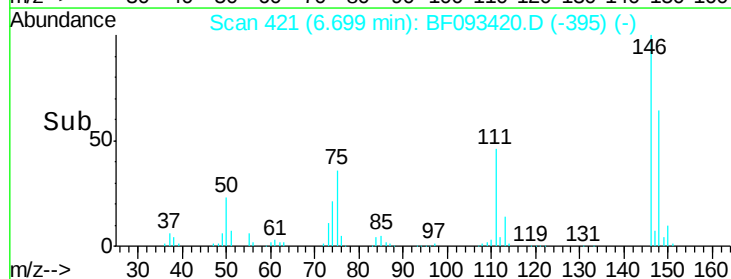
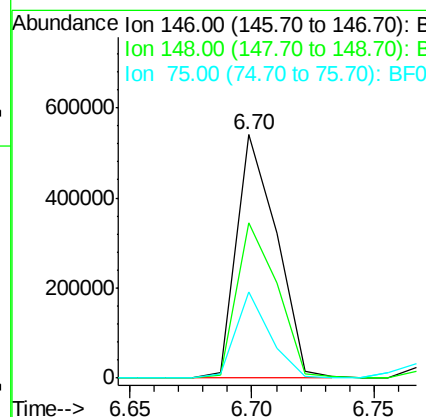
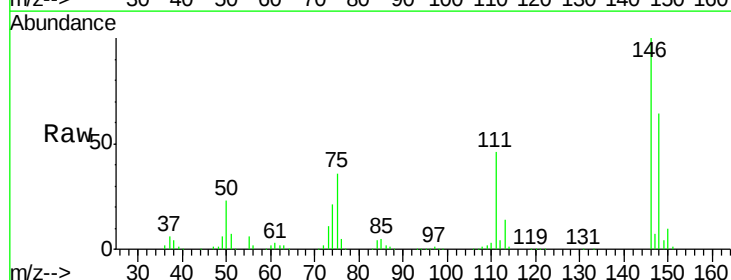
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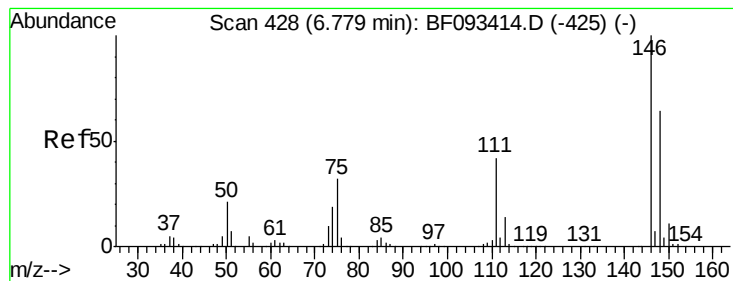
mohammad
3/8/2017 1:45:42 PM



#12
1,3-Dichlorobenzene
Concen: 38.98 ng m
RT: 6.70 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	53.4	80.0
75	35.6	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 39.54 ng

RT: 6.78 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

Instrument :

BNA_F

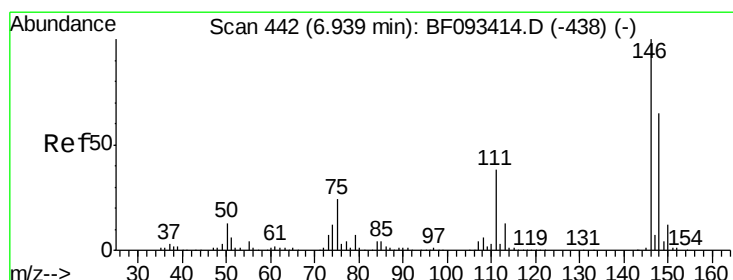
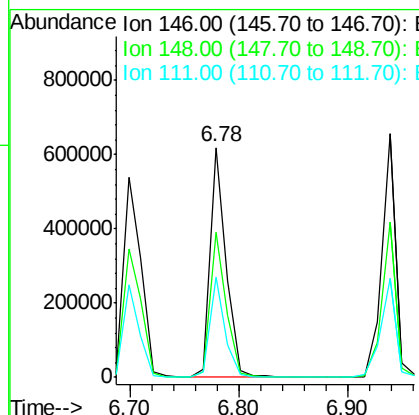
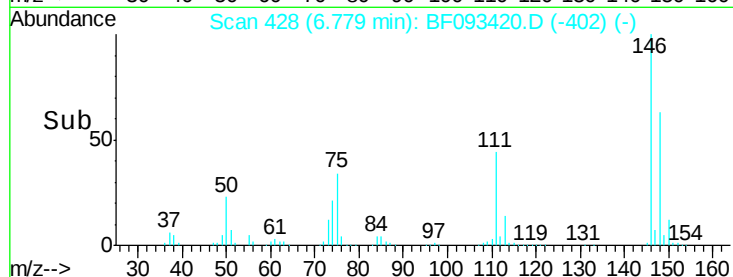
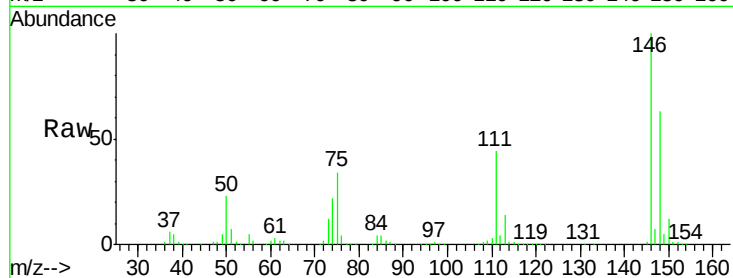
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	638434
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.6	76.0
111	43.9	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.19 ng

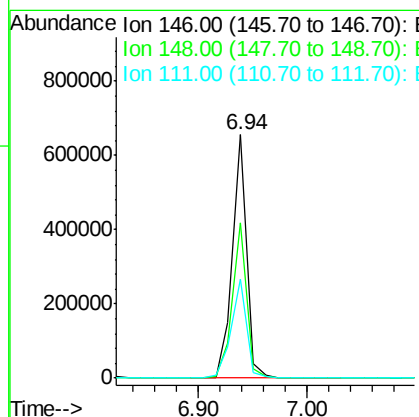
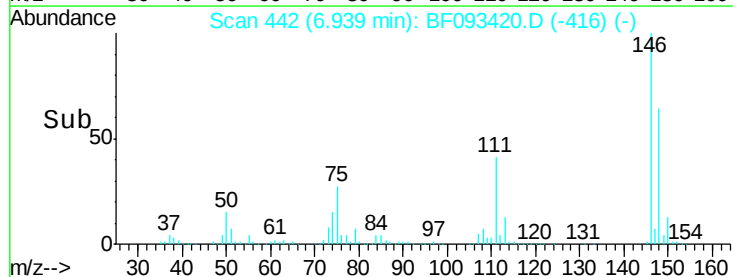
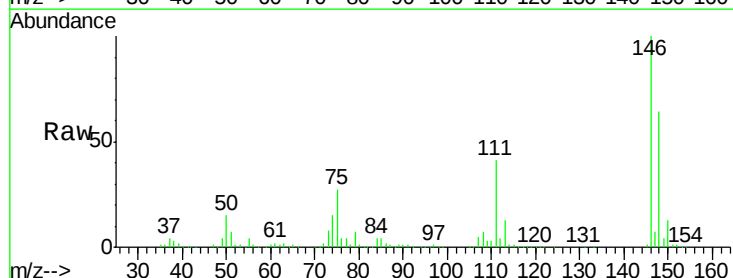
RT: 6.94 min Scan# 442

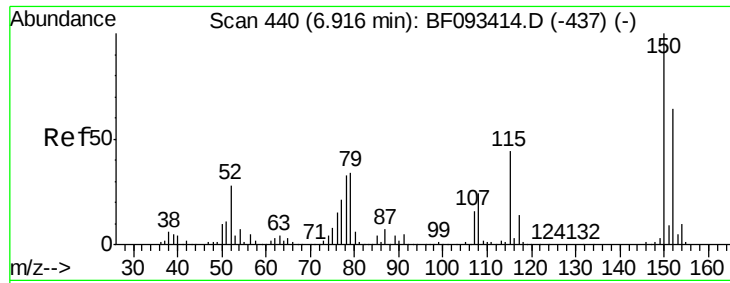
Delta R.T. -0.00 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

Tgt Ion:	146	Resp:	589015
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.2	78.2
111	40.5	36.2	54.2





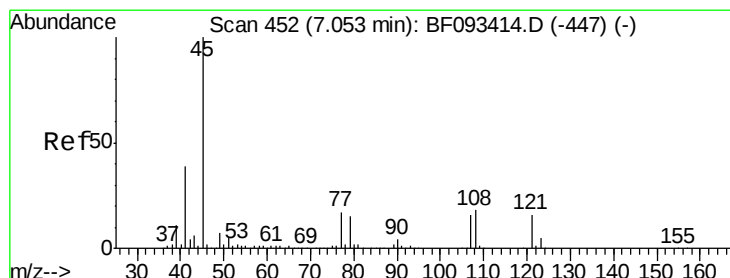
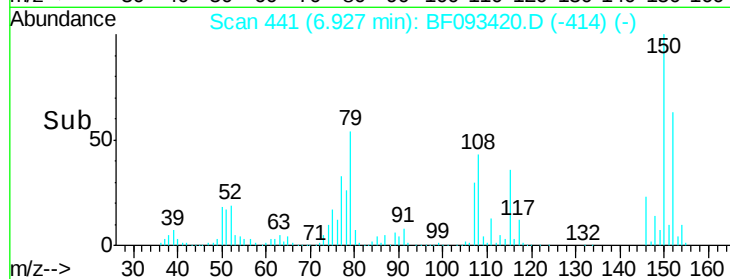
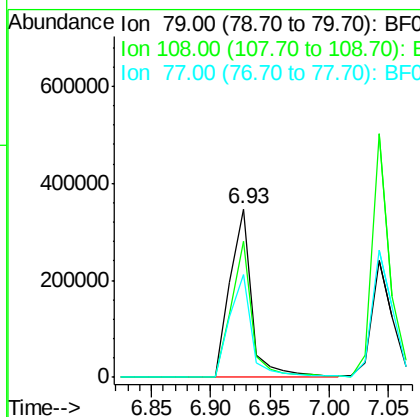
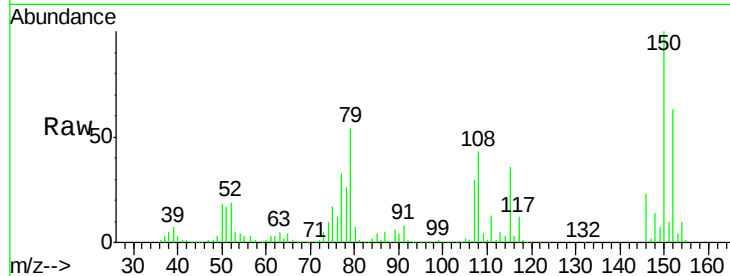
#15
Benzyl Alcohol
Concen: 40.16 ng
RT: 6.93 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.7	61.4	92.0
77	61.5	50.9	76.3

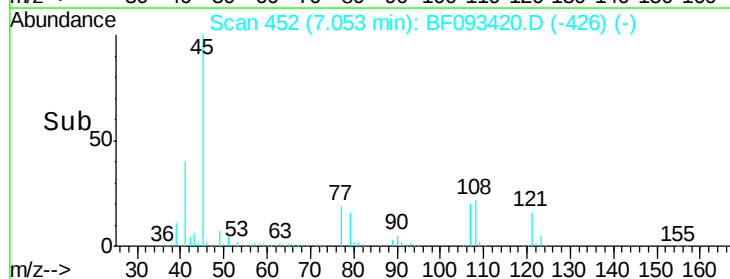
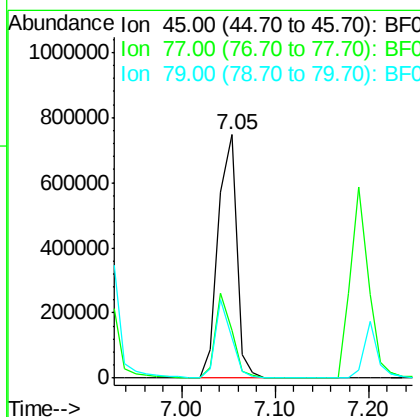
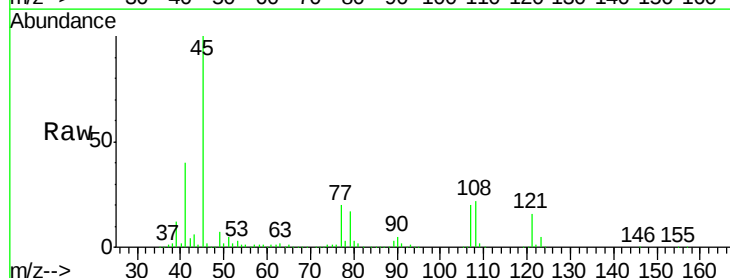
Manual Integrations
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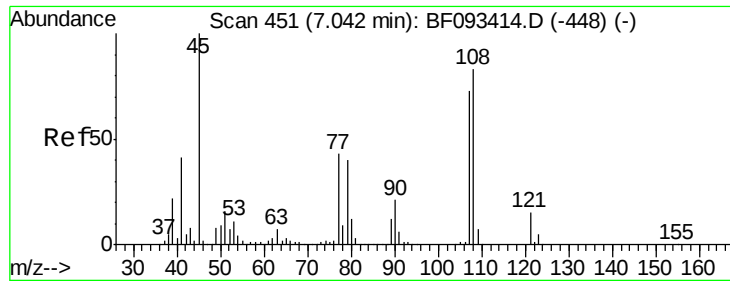
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.39 ng
RT: 7.05 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.6	0.0	34.6
79	16.7	0.0	31.2





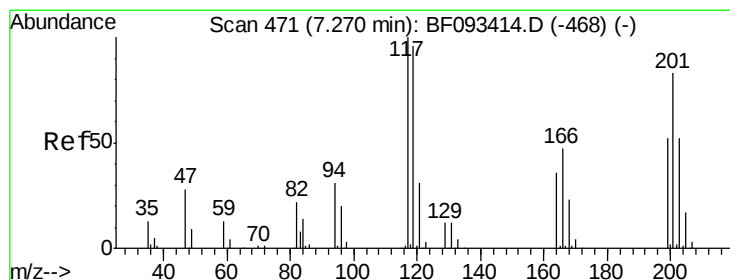
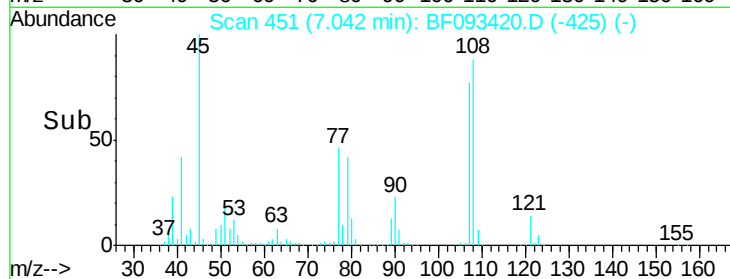
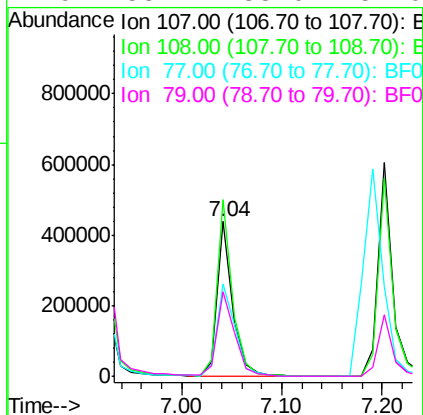
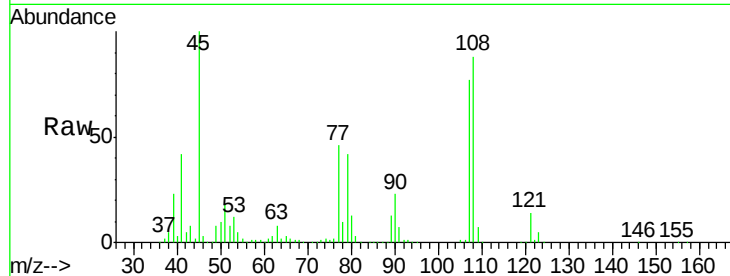
#17
2-Methylphenol
Concen: 39.49 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.7	93.0	139.6
77	59.7	39.8	59.8
79	55.1	38.0	57.0

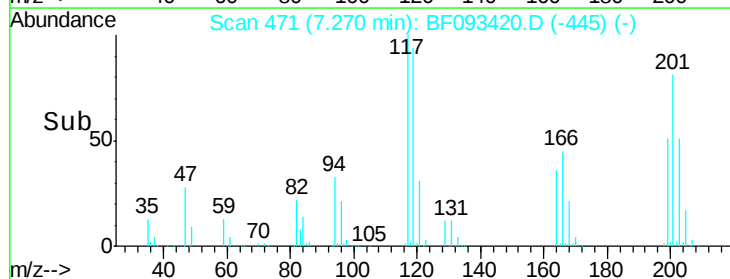
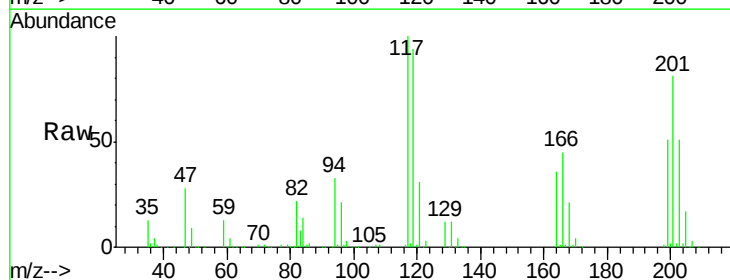
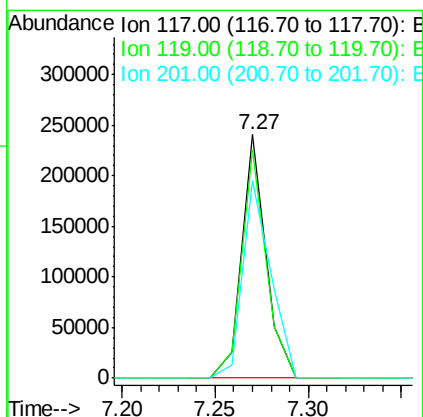
Manual Integrations
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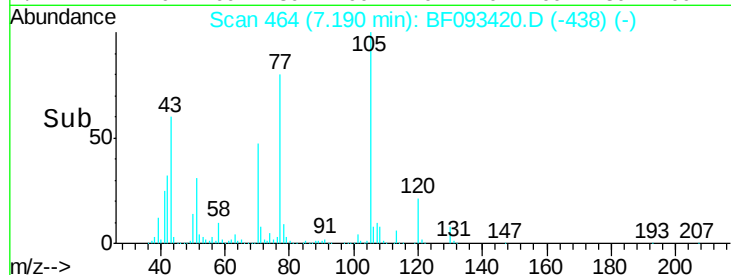
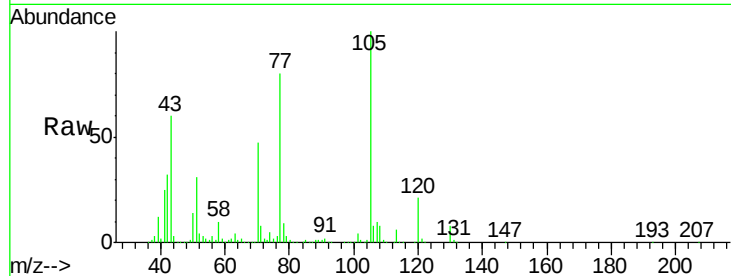
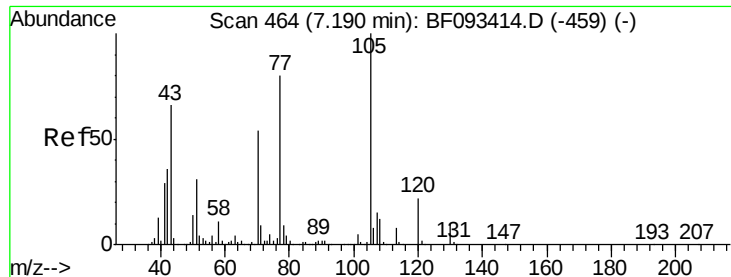
mohammad
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#18
Hexachloroethane
Concen: 40.04 ng
RT: 7.27 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	78.1	117.1
201	81.2	78.6	117.8





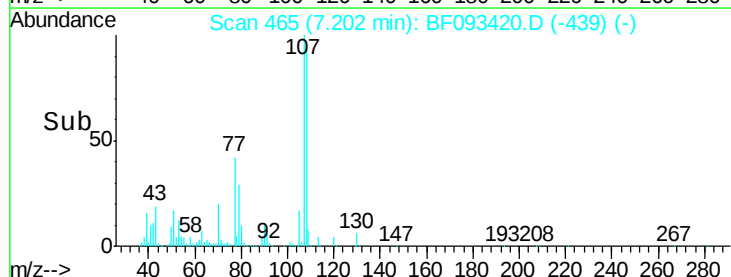
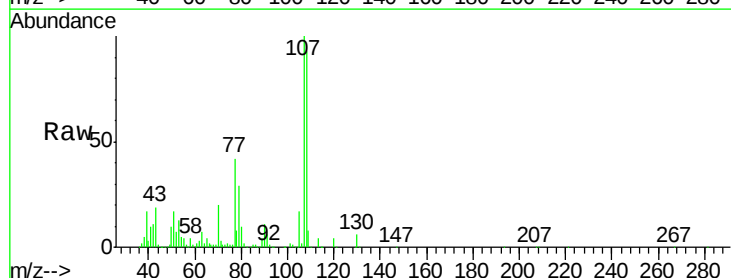
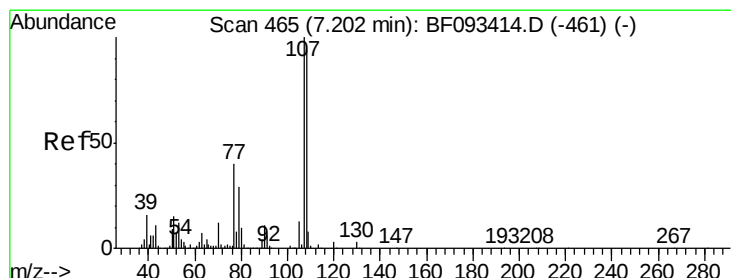
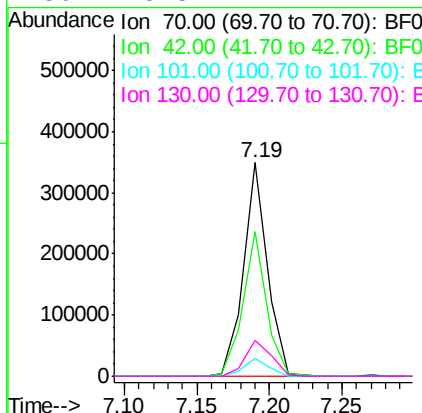
#19
n-Nitroso-di-n-propylamine
Concen: 37.50 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.6	49.4	74.0
101	8.5	7.4	11.2
130	16.5	14.2	21.4

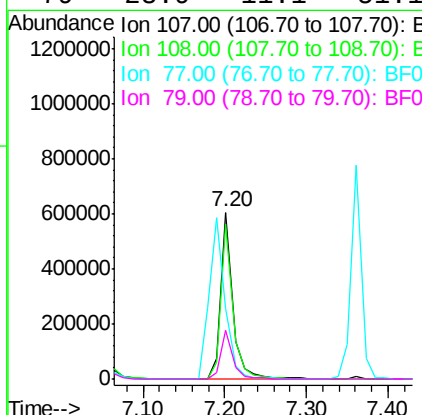
Manual Integrations
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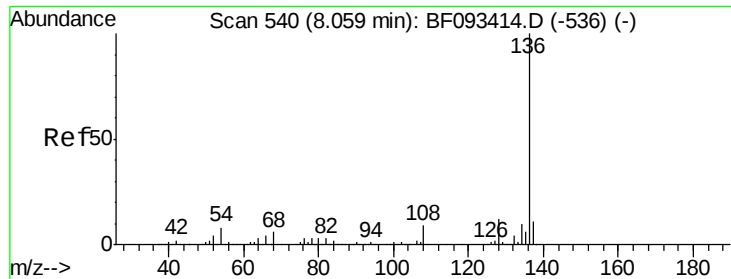
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#20
3+4-Methylphenols
Concen: 40.64 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.9	73.0	113.0
77	42.1	71.3	111.3
79	28.9	11.1	51.1





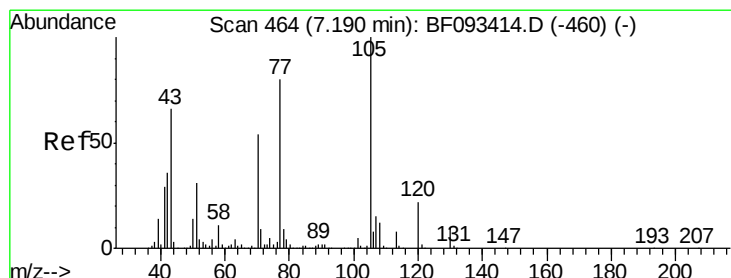
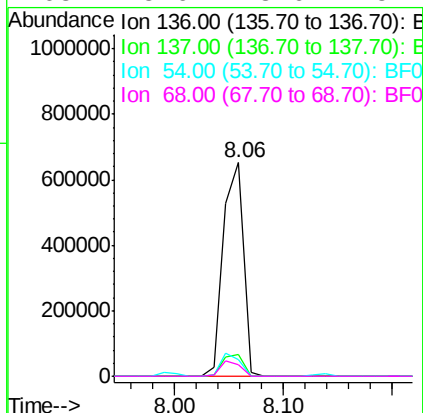
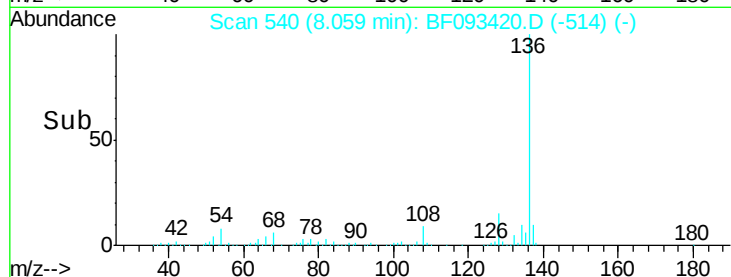
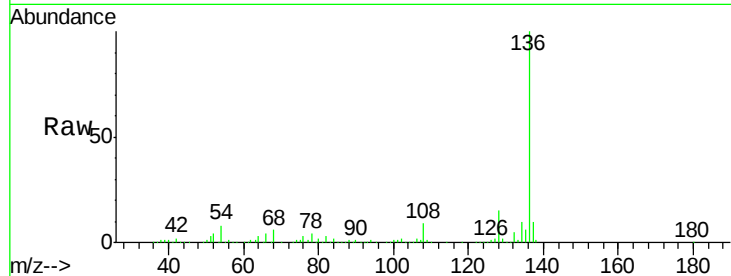
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	837317		
137	10.5	8.4	12.6	
54	7.6	4.5	6.7#	
68	5.6	3.6	5.4#	

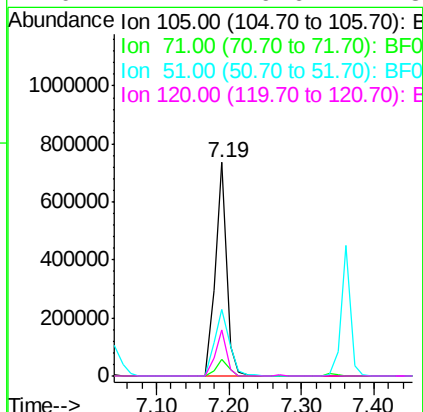
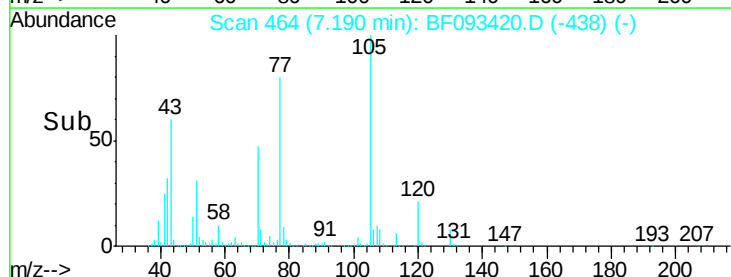
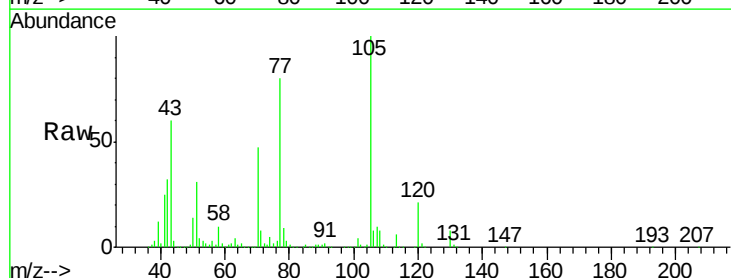
Manual Integrations
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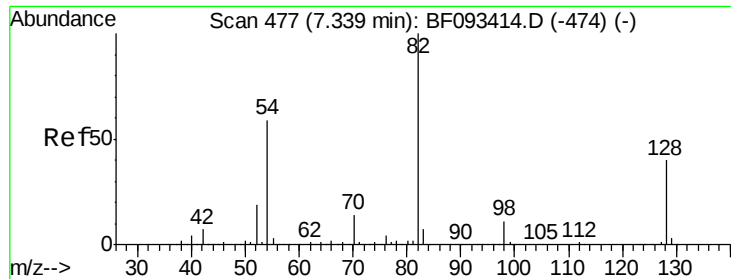
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#22
Acetophenone
Concen: 39.44 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	794594		
71	8.0	3.2	4.8#	
51	31.4	26.2	39.4	
120	21.4	16.6	24.8	





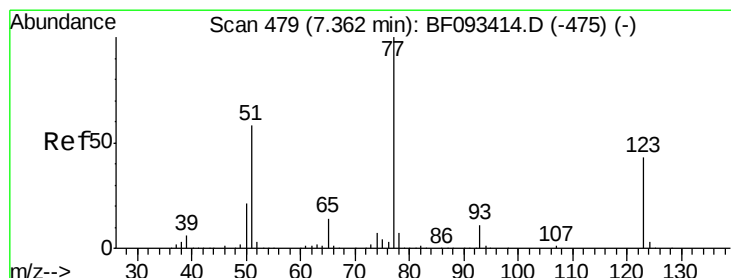
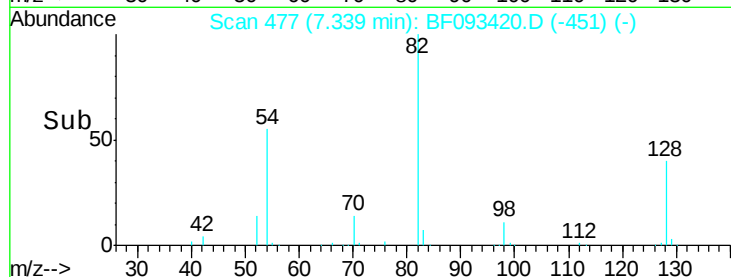
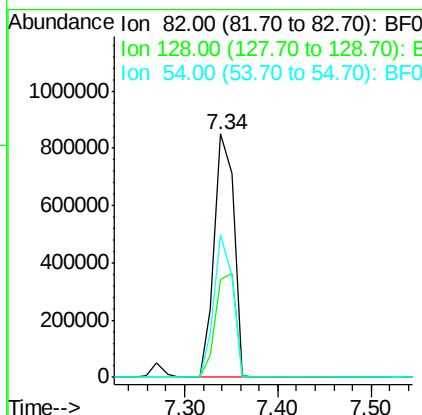
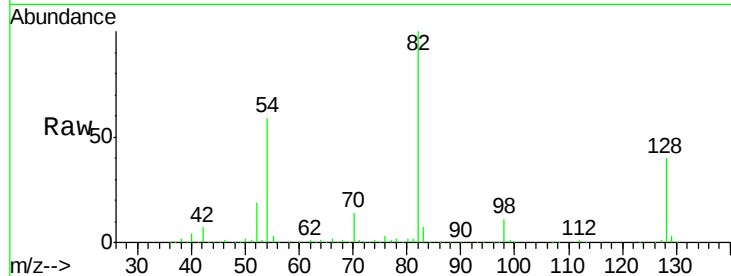
#23
Nitrobenzene-d5
Concen: 82.58 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	1246173
Ion Ratio	100	Lower	Upper
128	39.9	34.6	52.0
54	58.6	39.5	59.3

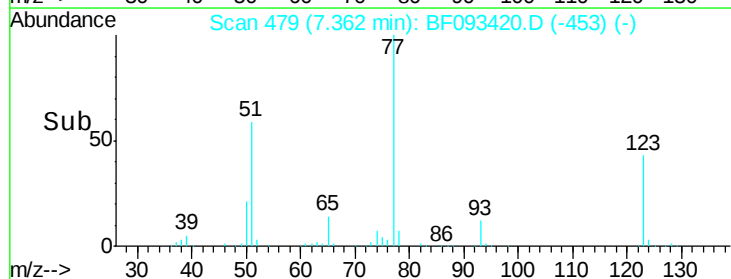
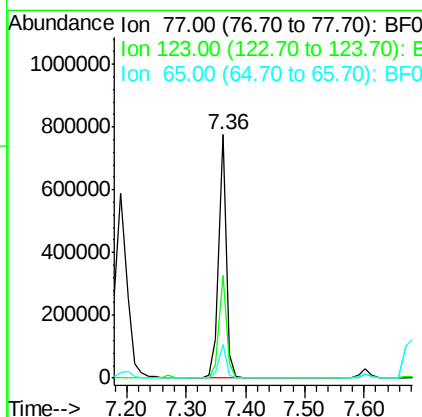
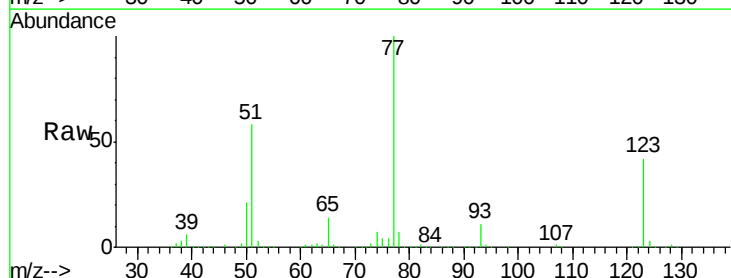
Manual Integrations
APPROVED

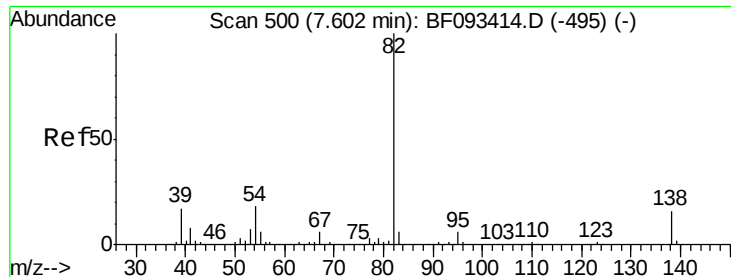
mohammad
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#24
Nitrobenzene
Concen: 40.55 ng
RT: 7.36 min Scan# 479
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Tgt Ion	77	Resp	687820
Ion Ratio	100	Lower	Upper
123	42.5	33.0	49.4
65	13.8	11.2	16.8





#25

Isophorone

Concen: 39.92 ng

RT: 7.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1214839

Ion Ratio Lower Upper

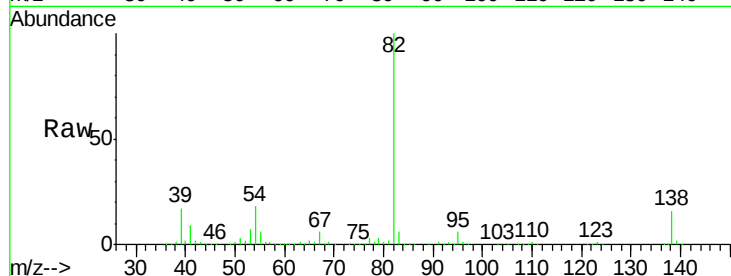
82 100

95 6.1 5.6 8.4

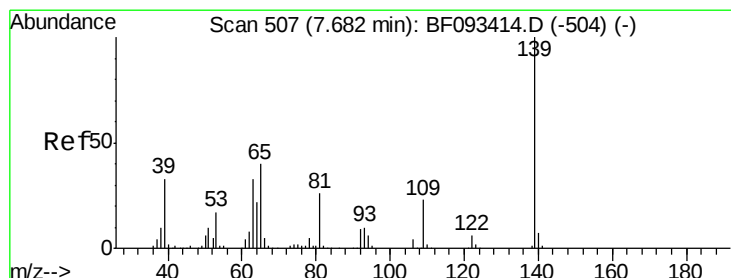
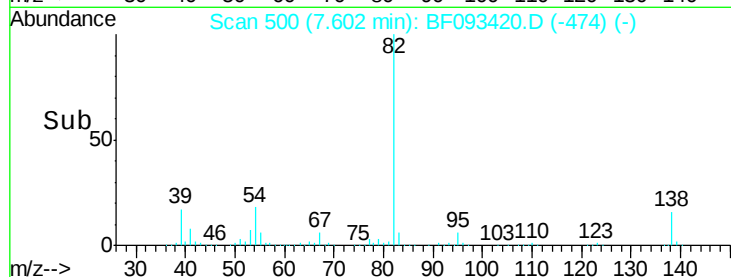
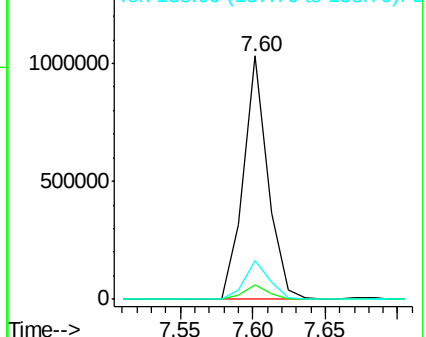
138 15.8 14.6 22.0

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.27 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

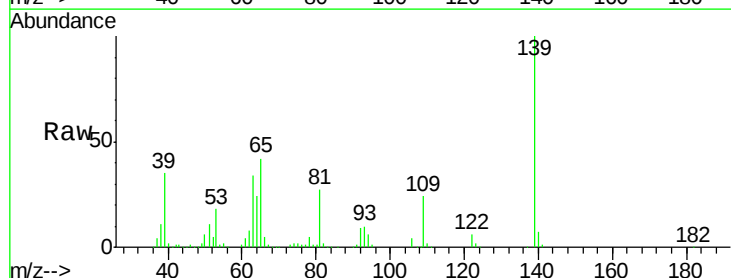
Tgt Ion: 139 Resp: 327119

Ion Ratio Lower Upper

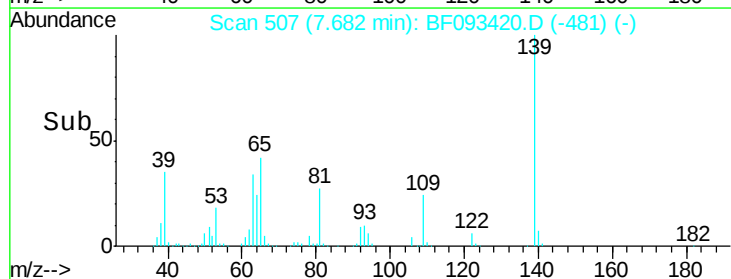
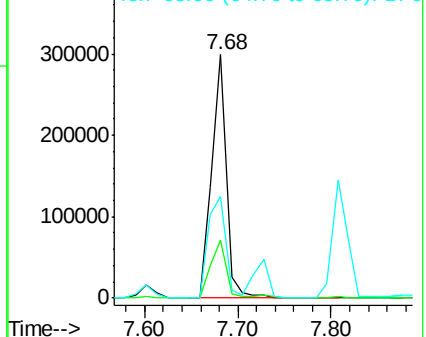
139 100

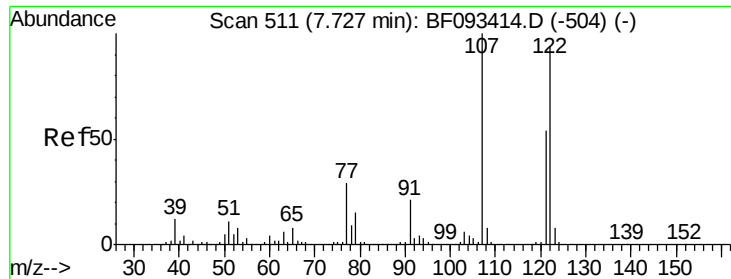
109 23.8 23.3 34.9

65 41.8 42.7 64.1#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





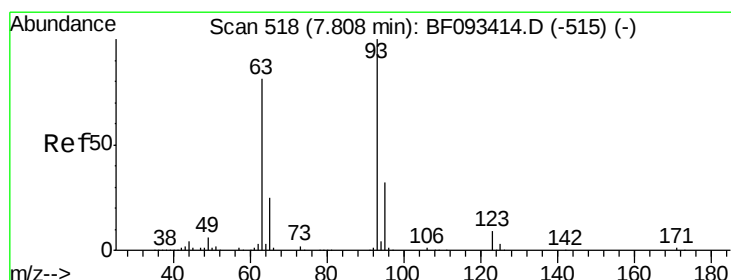
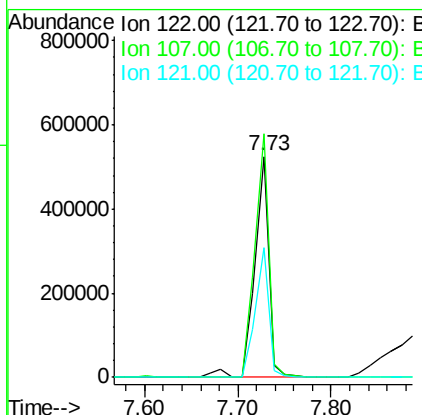
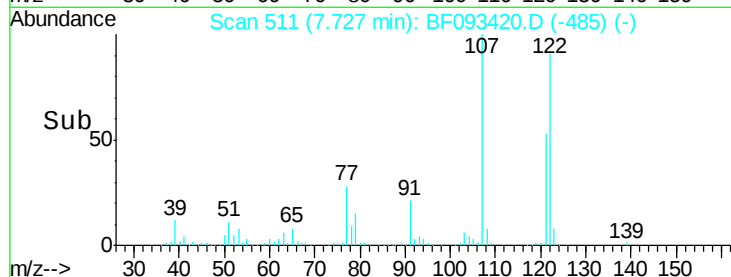
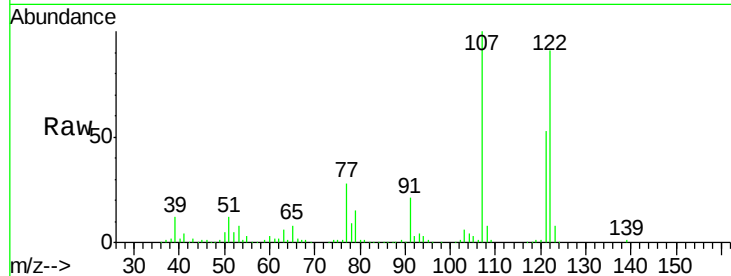
#27
2,4-Dimethylphenol
Concen: 43.49 ng
RT: 7.73 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	547487		
107	110.3	94.1	141.1	
121	58.8	46.0	69.0	

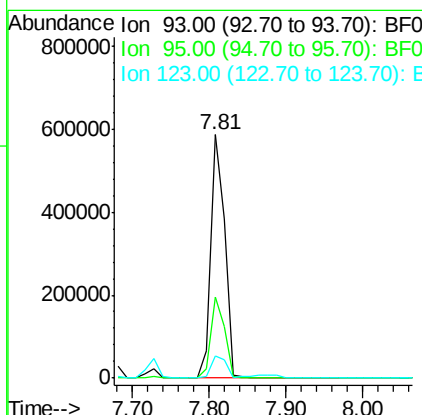
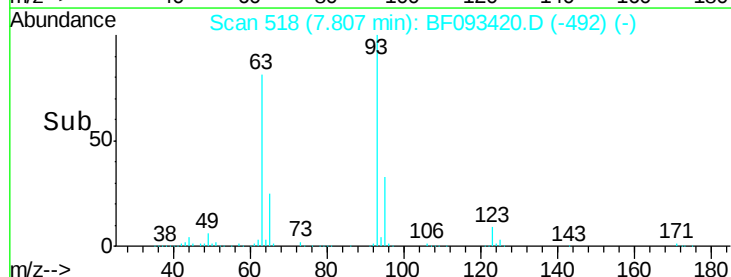
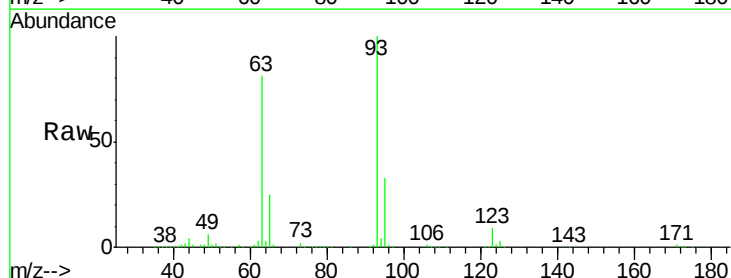
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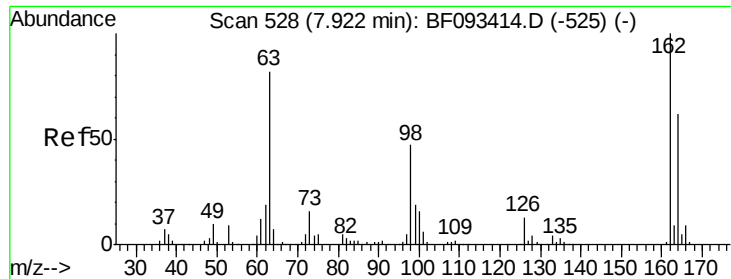
mohammad
3/8/2017 1:45:42 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.71 ng
RT: 7.81 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	724553		
95	33.1	26.5	39.7	
123	9.2	8.6	13.0	





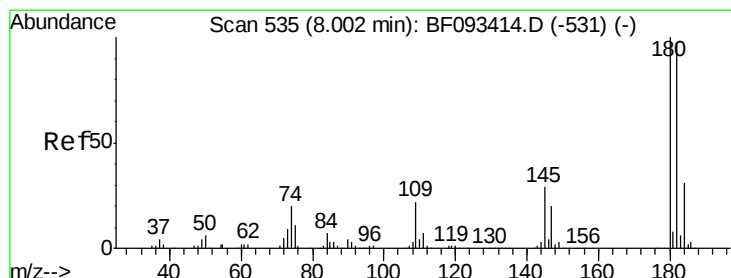
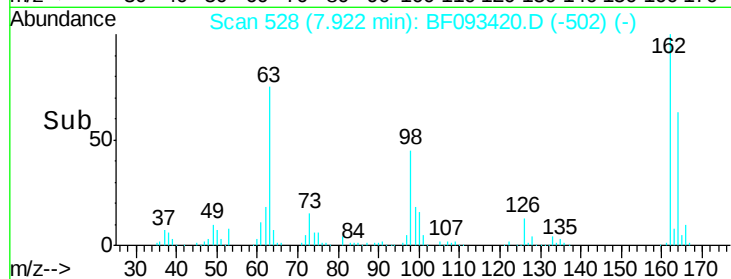
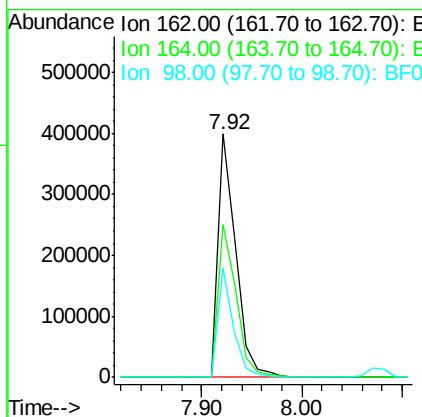
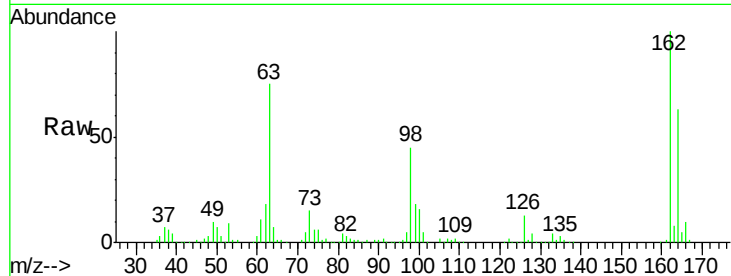
#29
 2,4-Dichlorophenol
 Concen: 41.06 ng
 RT: 7.92 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: BF093420.D
 Acq: 7 Mar 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	486219		
164	62.6	46.8	86.8	
98	44.8	9.1	49.1	

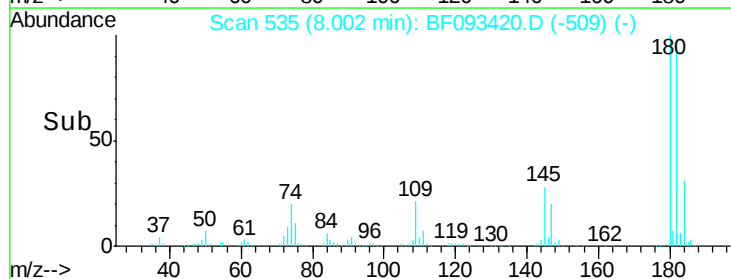
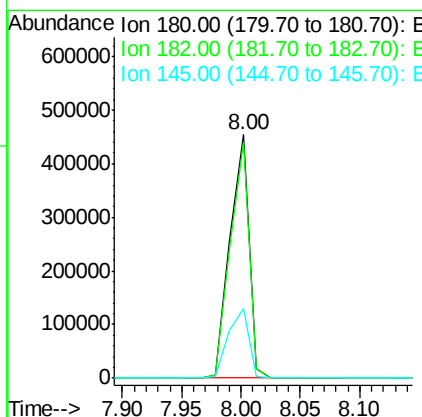
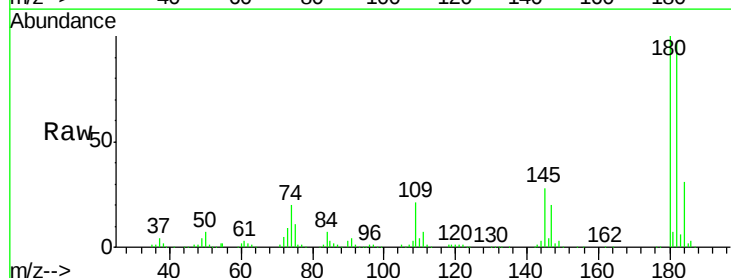
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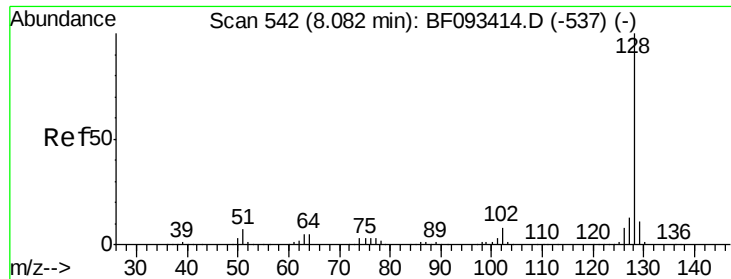
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.17 ng
 RT: 8.00 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF093420.D
 Acq: 7 Mar 2017 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	505883		
182	97.1	78.2	117.4	
145	28.4	21.6	32.4	





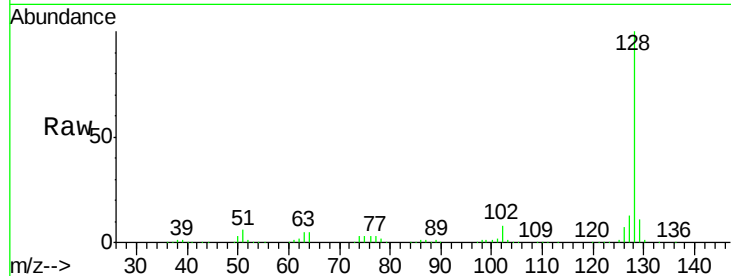
#31
Naphthalene
Concen: 39.05 ng
RT: 8.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.5	14.3
127	13.4	10.8	16.2

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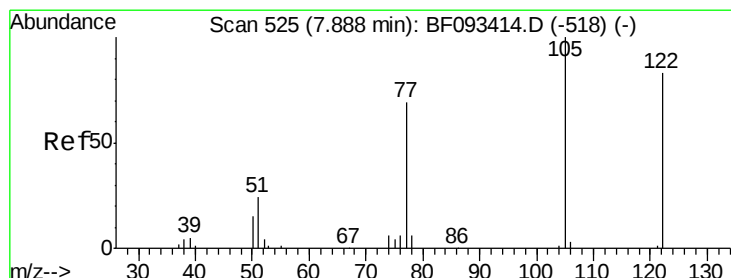
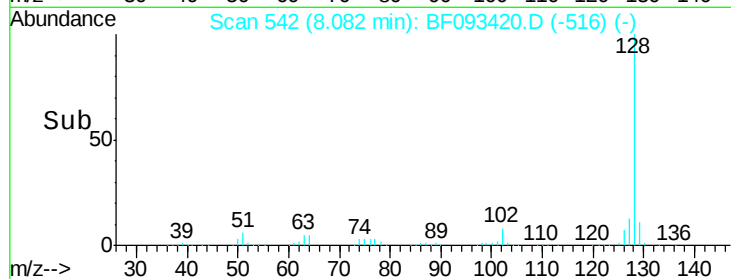
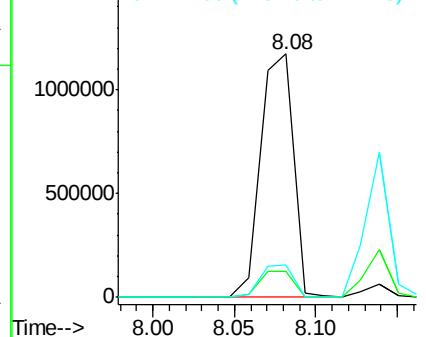


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 36.53 ng
RT: 7.89 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

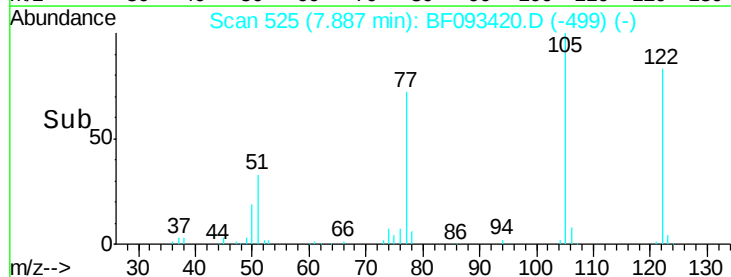
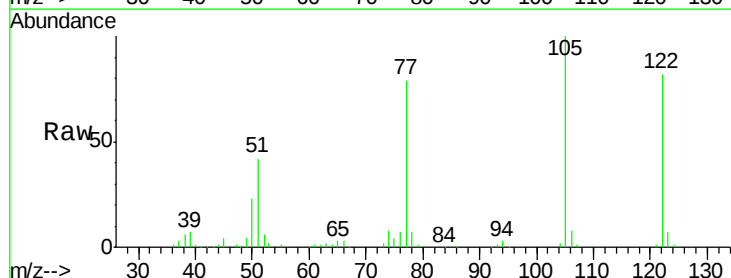
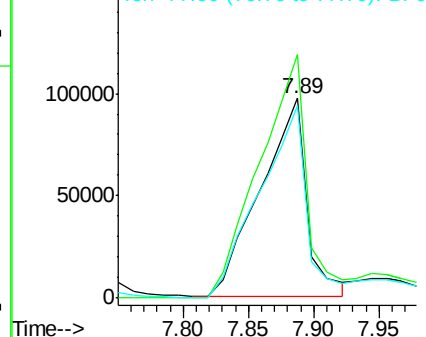
Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.8	107.2	147.2
77	96.0	74.5	114.5

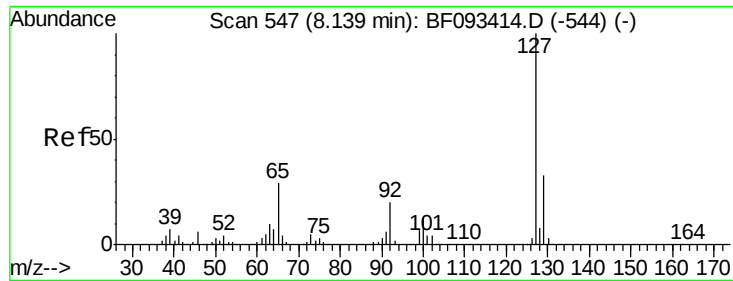
Abundance

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





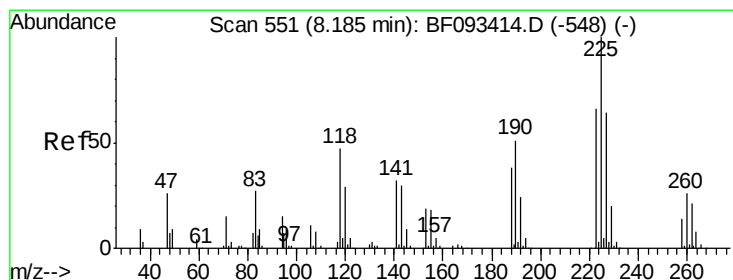
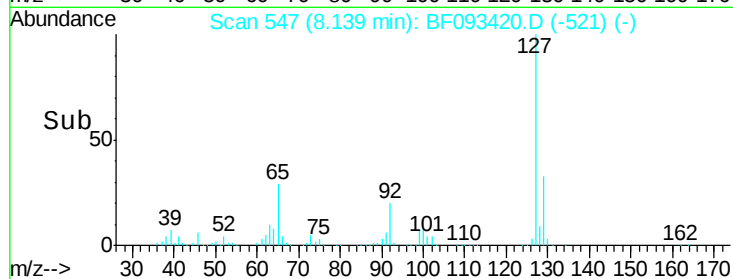
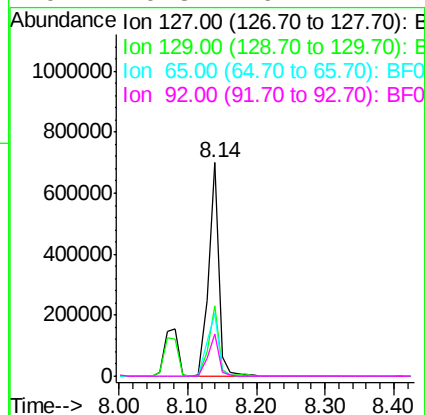
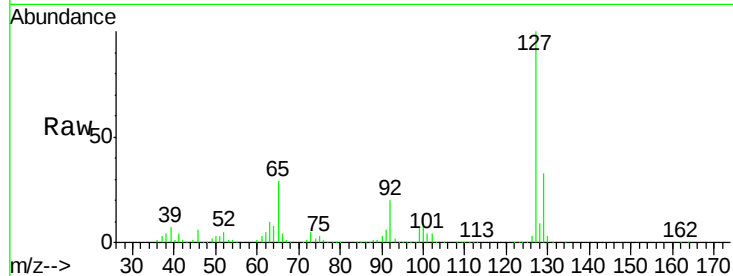
#33
4-Chloroaniline
Concen: 42.16 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		717827		
129	32.8	26.3	39.5		
65	29.5	25.8	38.8		
92	19.8	16.1	24.1		

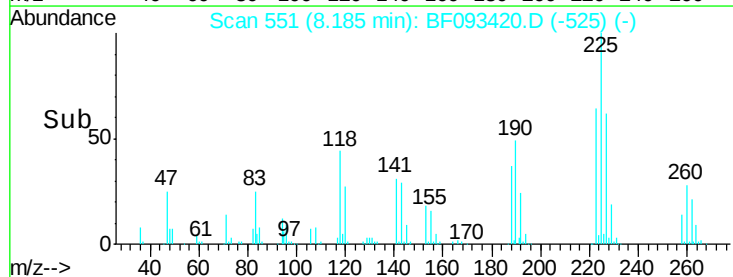
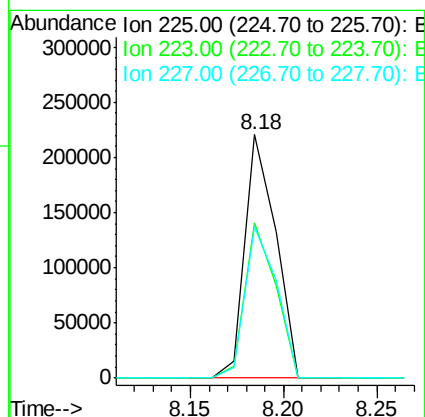
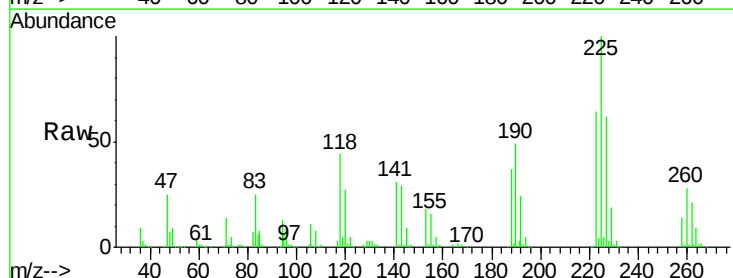
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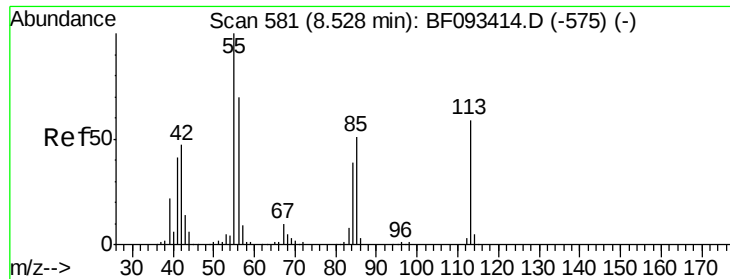
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#34
Hexachlorobutadiene
Concen: 39.17 ng
RT: 8.18 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		254111		
223	63.8	51.0	76.6		
227	62.3	50.6	76.0		





#35

Caprolactam

Concen: 42.83 ng

RT: 8.53 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:113 Resp: 173236
Ion Ratio Lower Upper

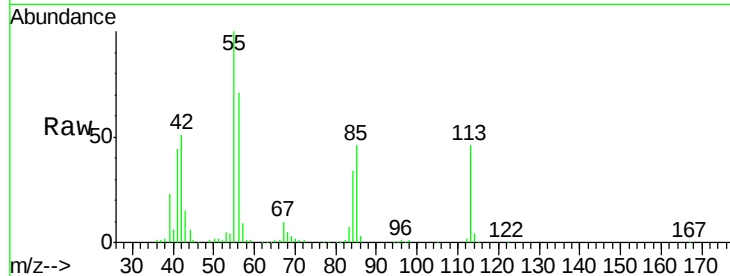
113 100

55 215.1 119.2 159.2#

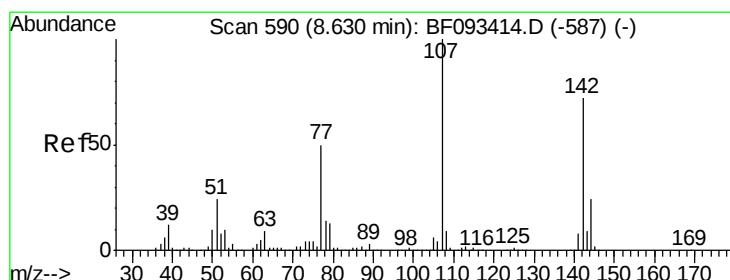
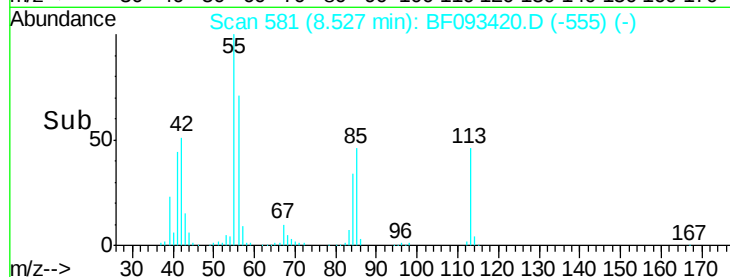
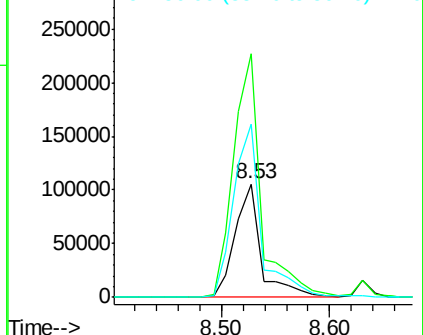
56 153.1 83.8 123.8#

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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.52 ng

RT: 8.63 min Scan# 590

Delta R.T. -0.00 min

Lab File: BF093420.D

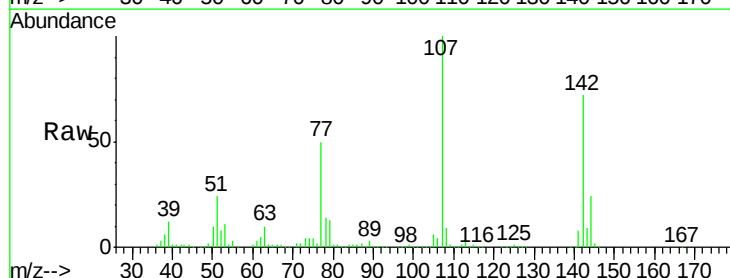
Acq: 7 Mar 2017 15:39

Tgt Ion:107 Resp: 512211
Ion Ratio Lower Upper

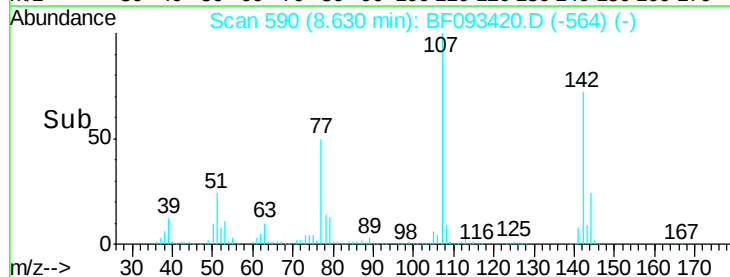
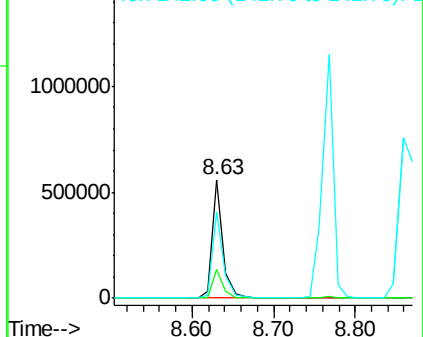
107 100

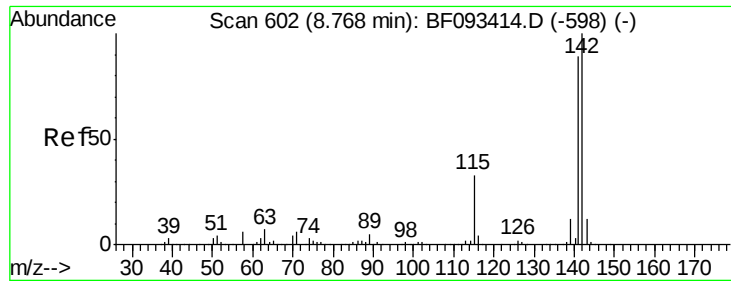
144 24.0 19.3 28.9

142 72.3 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





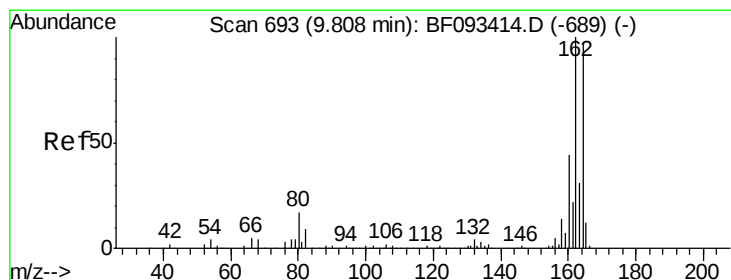
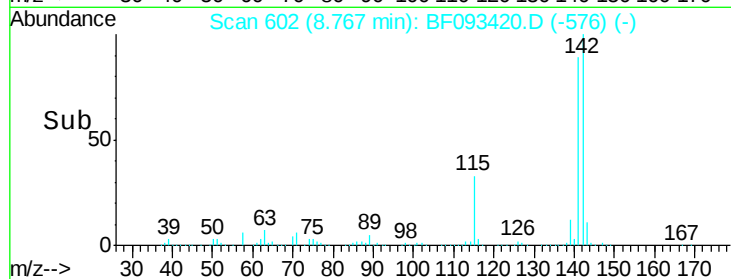
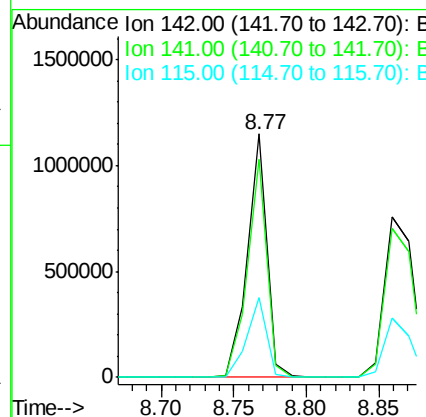
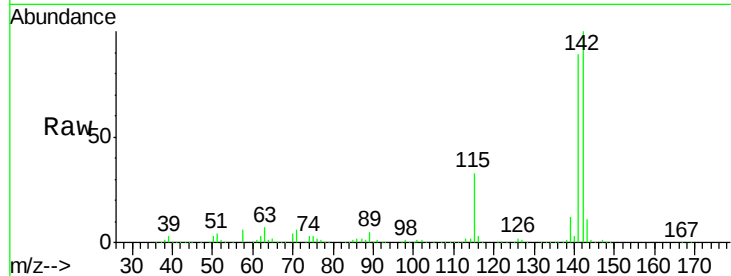
#37
2-Methylnaphthalene
Concen: 40.14 ng
RT: 8.77 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.0	106.6
115	32.7	28.3	42.5

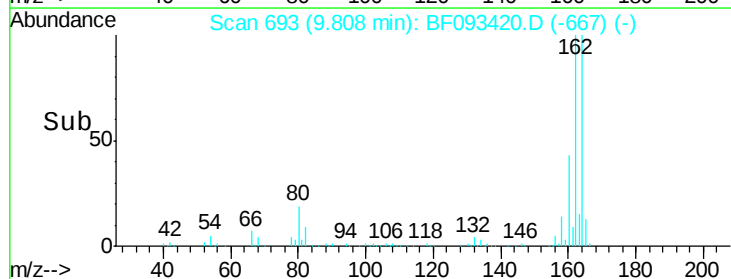
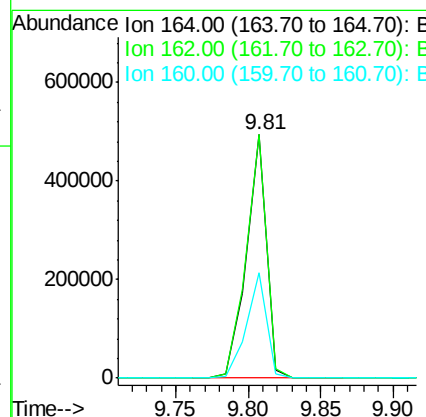
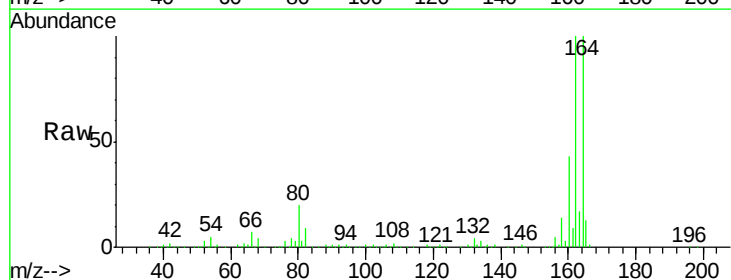
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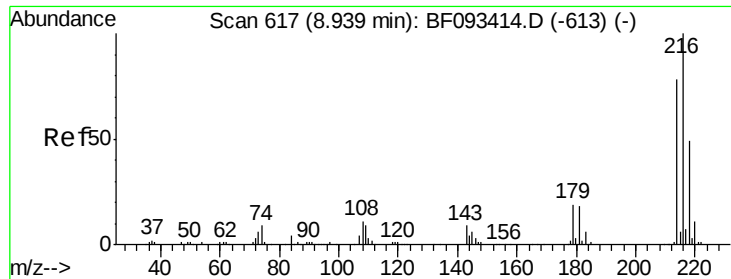
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.2	120.2
160	43.3	36.9	55.3





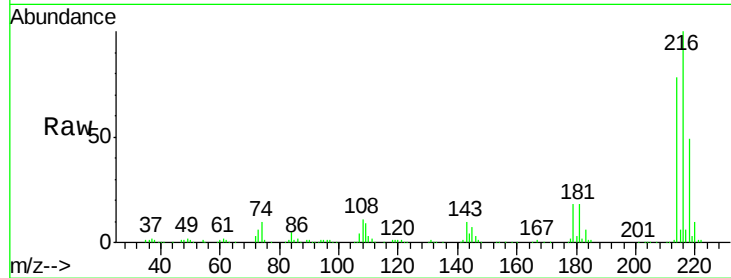
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.78 ng
 RT: 8.94 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF093420.D
 Acq: 7 Mar 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

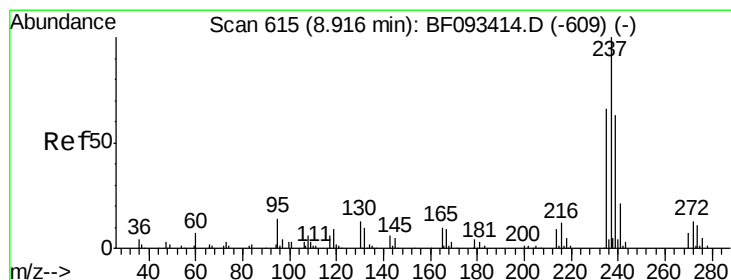
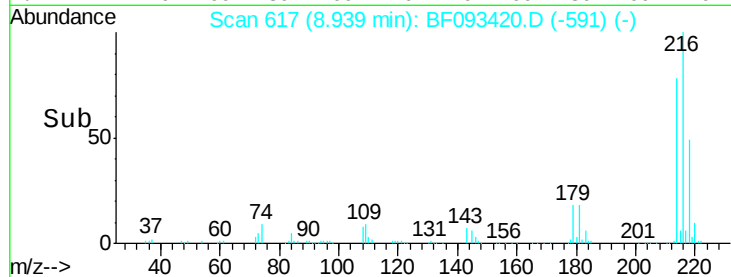
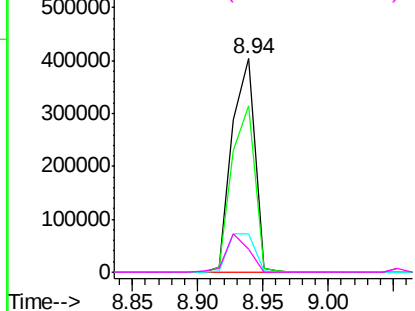
Tot Ion	Ion	Ratio	Resp	Lower	Upper
490465	216	100			
	214	79.1	63.4	95.0	
	179	21.0	17.4	26.2	
	108	18.5	15.6	23.4	

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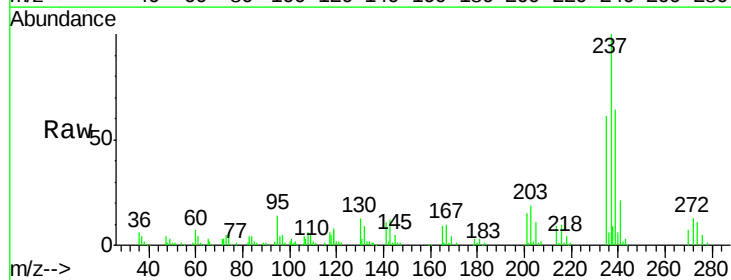


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

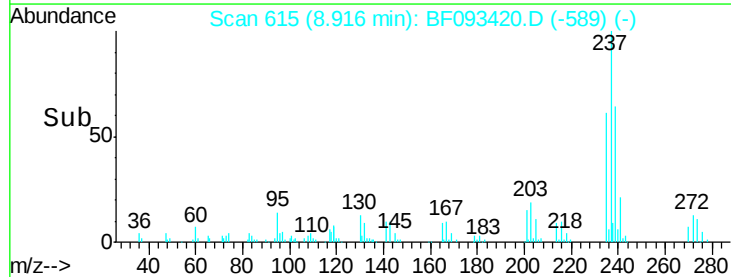
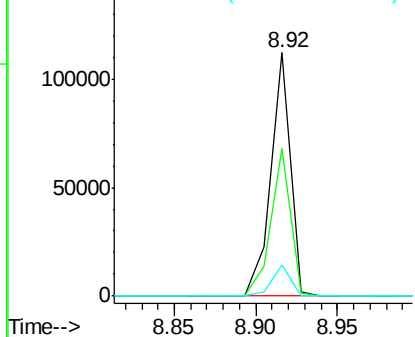


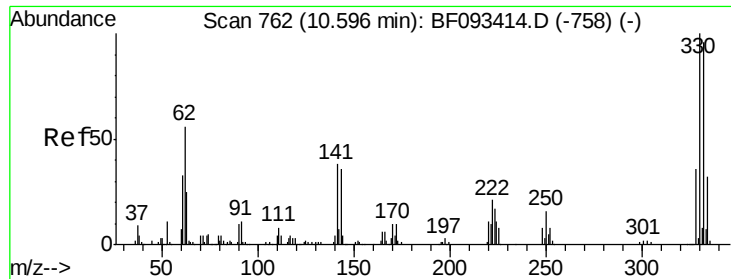
#40
 Hexachlorocyclopentadiene
 Concen: 36.48 ng
 RT: 8.92 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF093420.D
 Acq: 7 Mar 2017 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94151	237	100			
	235	60.6	41.2	81.2	
	272	12.9	0.0	35.4	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





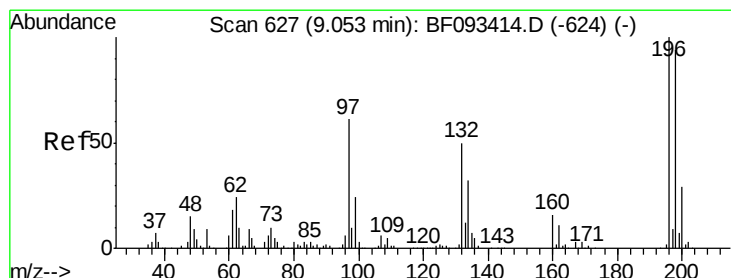
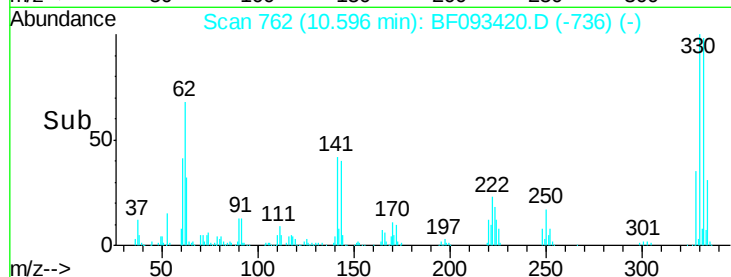
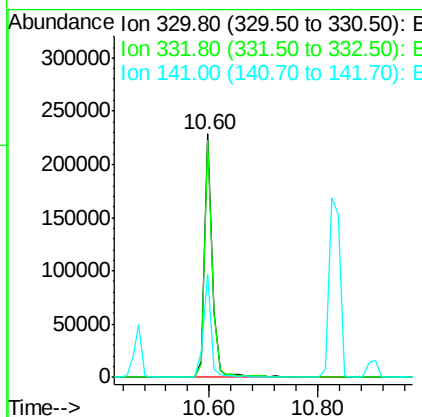
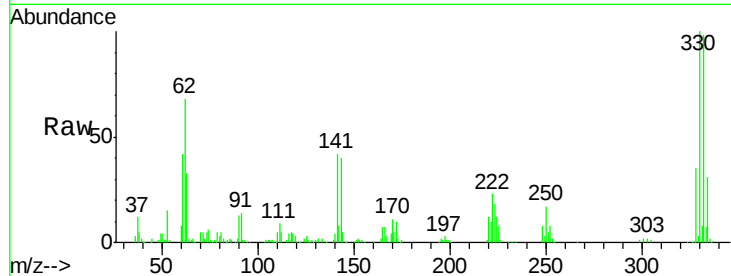
#41
 2,4,6-Tribromophenol
 Concen: 73.77 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093420.D
 Acq: 7 Mar 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	228539		
332	96.6		77.4	116.2
141	40.5		34.1	51.1

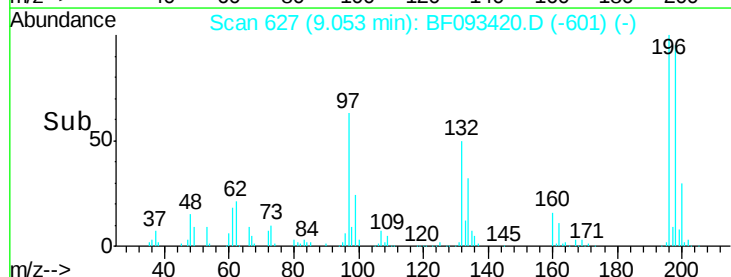
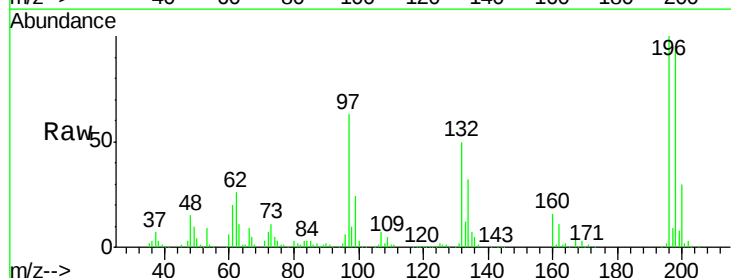
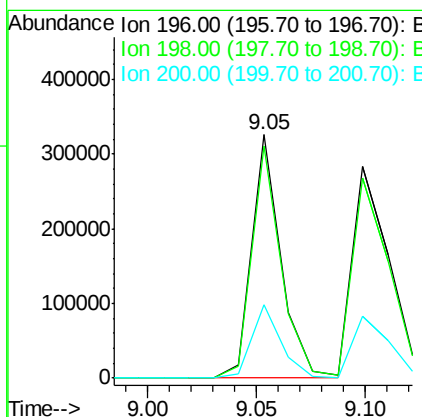
Manual Integrations
 APPROVED

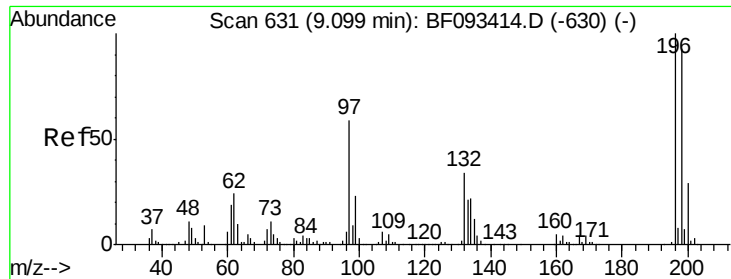
mohammad
 3/8/2017 1:45:42 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.64 ng
 RT: 9.05 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF093420.D
 Acq: 7 Mar 2017 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	305355		
198	95.2		82.1	123.1
200	30.3		27.0	40.4





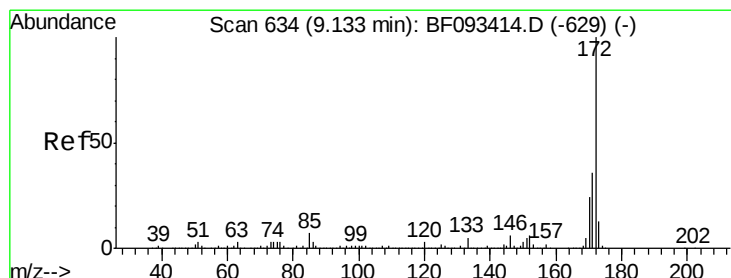
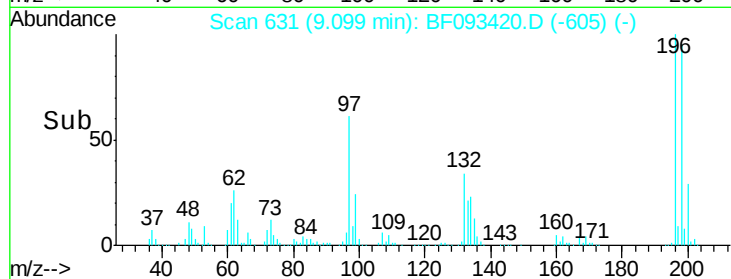
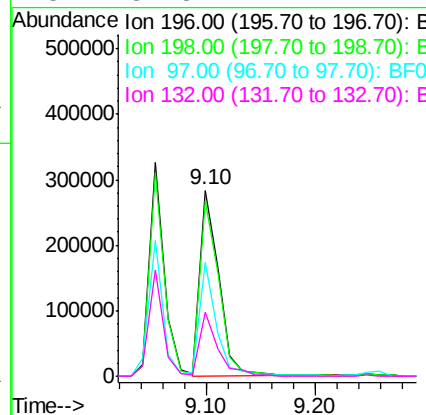
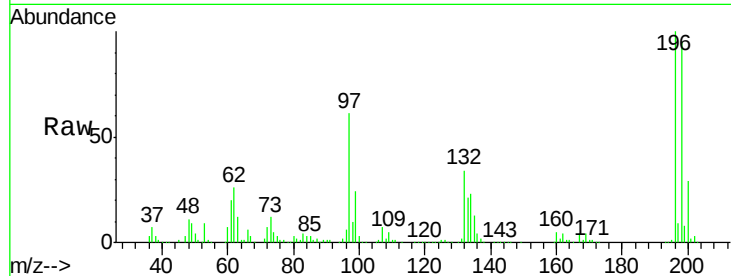
#43
 2,4,5-Trichlorophenol
 Concen: 39.43 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF093420.D
 Acq: 7 Mar 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	343165		
198	94.6	79.4	119.2	
97	61.1	51.5	77.3	
132	34.3	27.4	41.2	

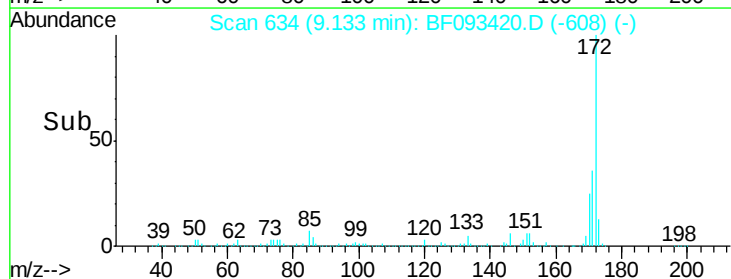
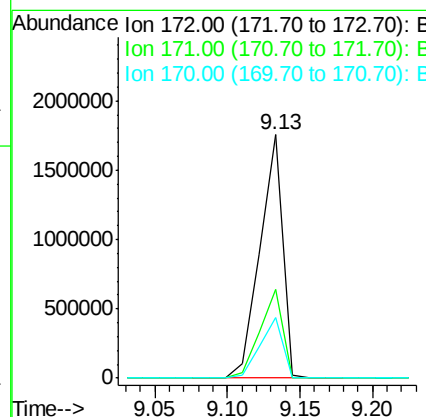
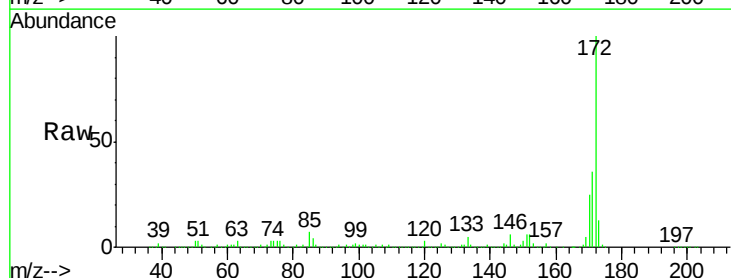
Manual Integrations
 APPROVED

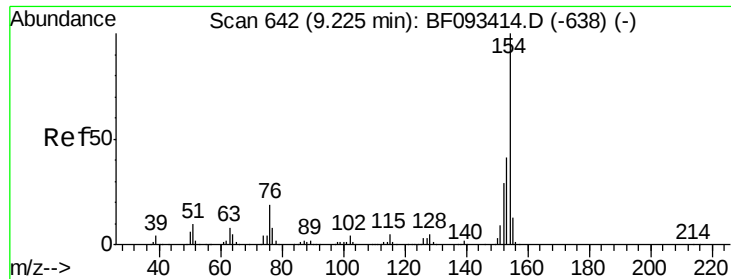
mohammad
 3/8/2017 1:45:42 PM



#44
 2-Fluorobiphenyl
 Concen: 74.66 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093420.D
 Acq: 7 Mar 2017 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1908437		
171	36.5	29.4	44.0	
170	24.7	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 36.22 ng

RT: 9.24 min Scan# 643

Delta R.T. 0.01 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1254502

Ion Ratio Lower Upper

154 100

153 40.9 20.9 60.9

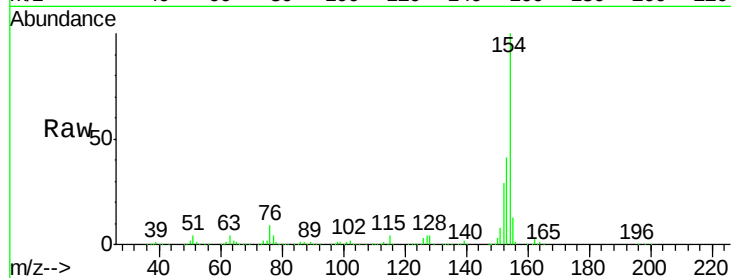
76 9.2 0.0 30.5

Manual Integrations

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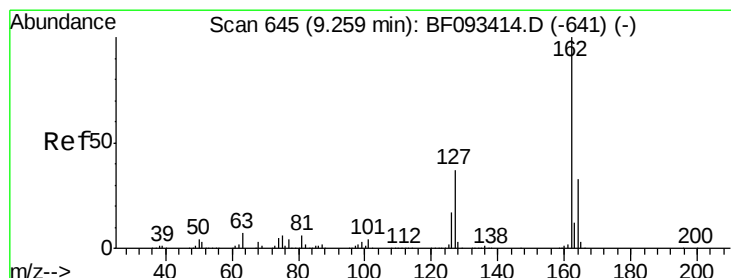
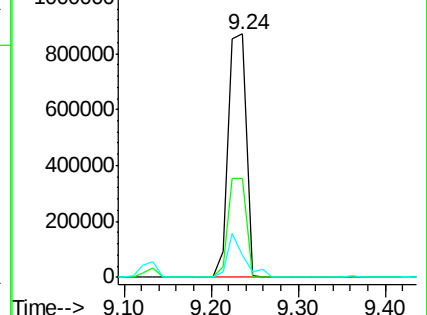
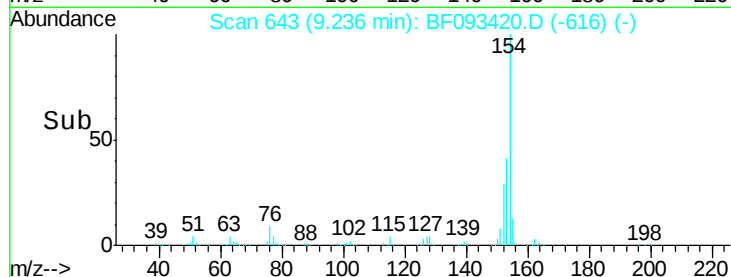
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.89 ng

RT: 9.26 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

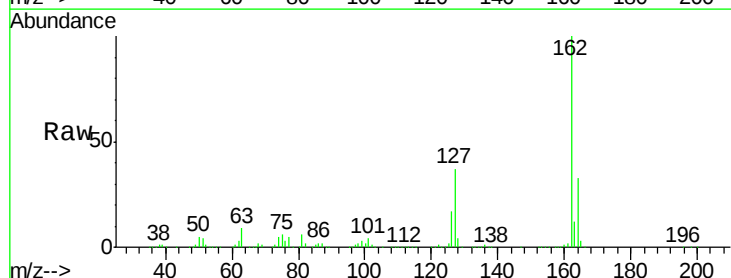
Tgt Ion:162 Resp: 1057670

Ion Ratio Lower Upper

162 100

127 37.3 30.7 46.1

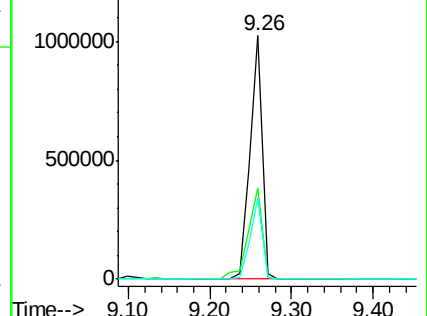
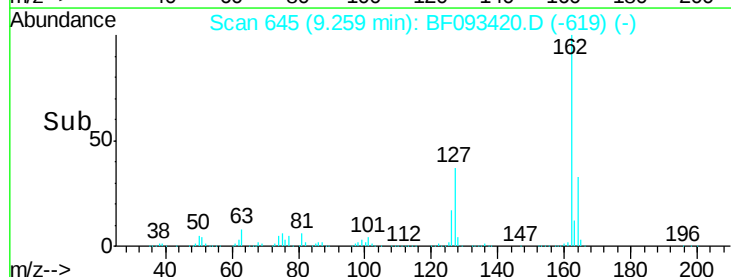
164 33.4 27.6 41.4

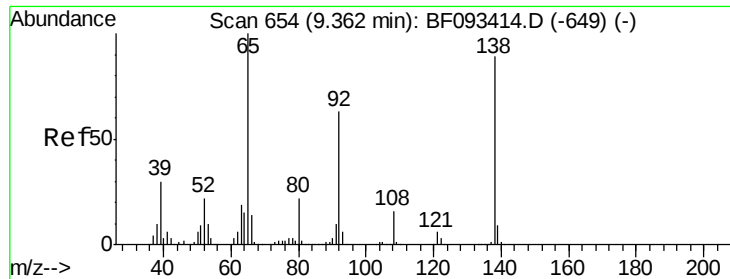


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





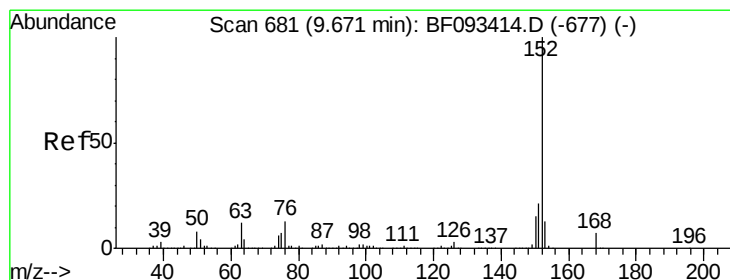
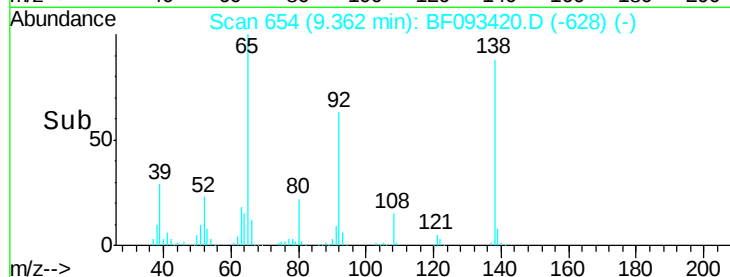
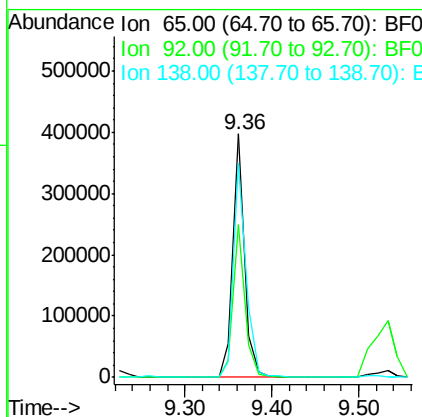
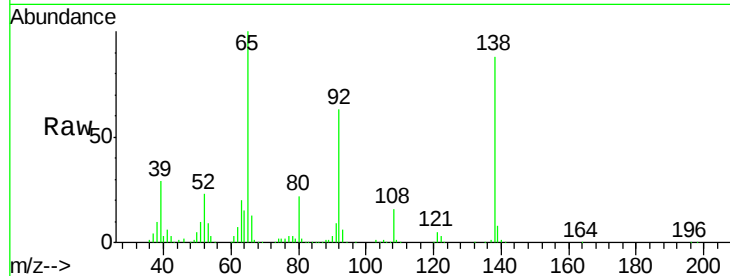
#47
2-Nitroaniline
Concen: 39.29 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.9	53.9	80.9
138	88.1	76.8	115.2

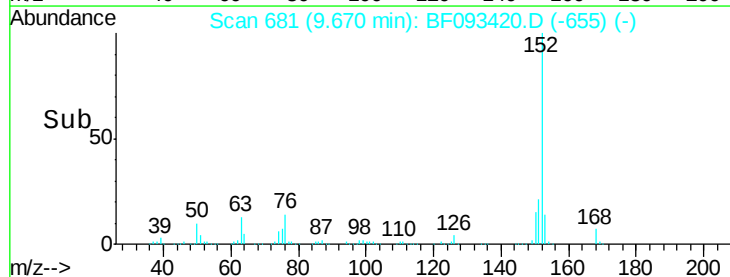
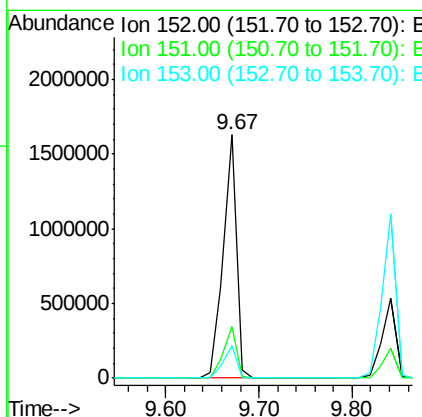
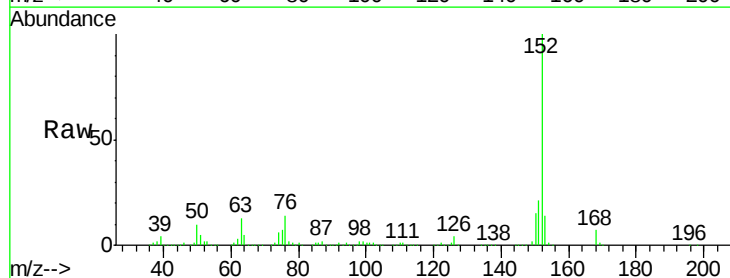
Manual Integrations
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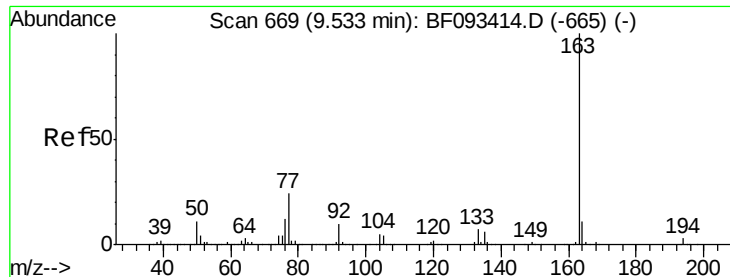
mohammad
3/8/2017 1:45:42 PM



#48
Acenaphthylene
Concen: 36.54 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.9	25.3
153	13.5	11.4	17.2





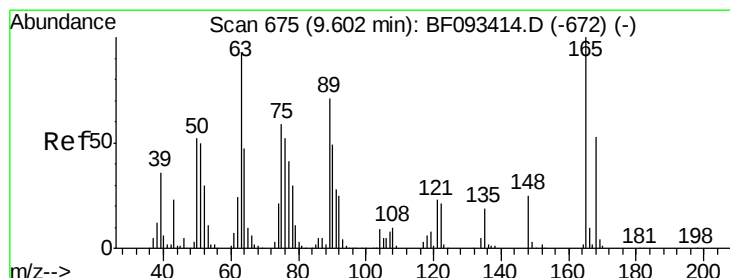
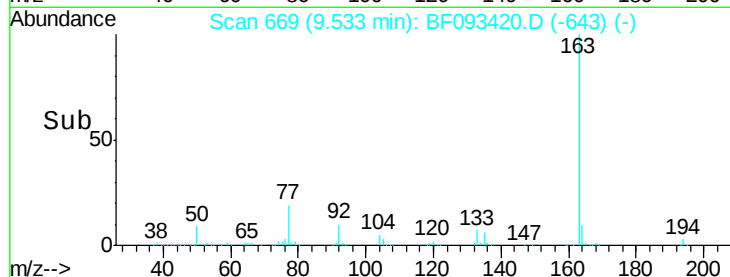
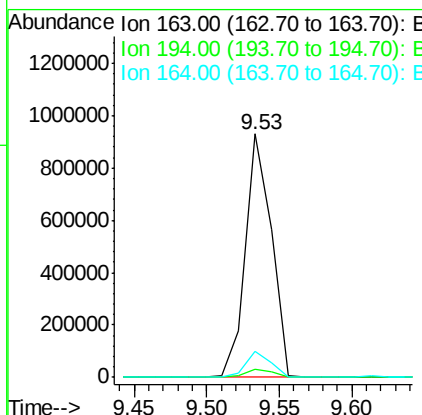
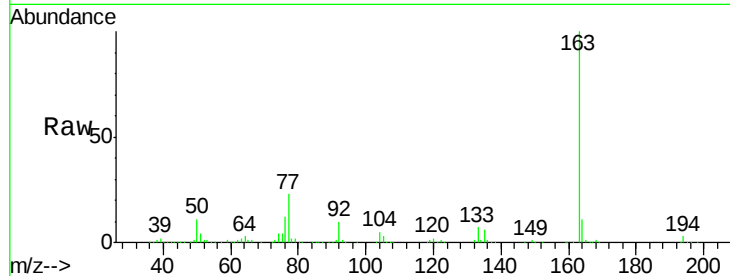
#49
Dimethylphthalate
Concen: 36.79 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.6	8.0	12.0

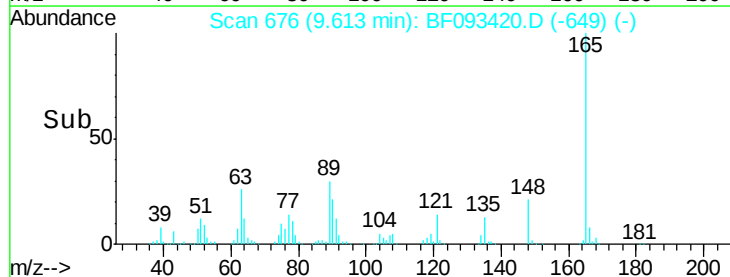
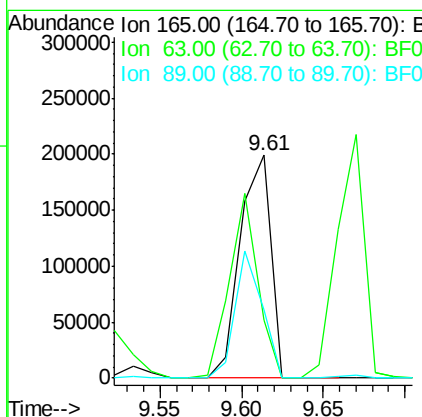
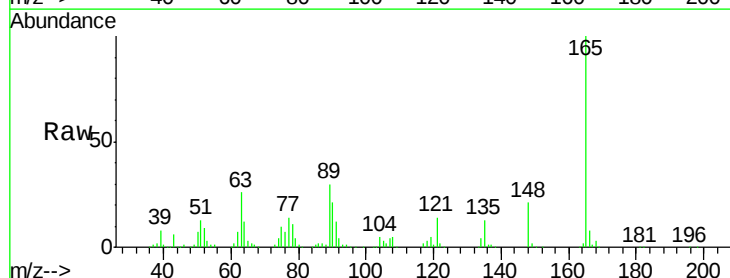
Manual Integrations
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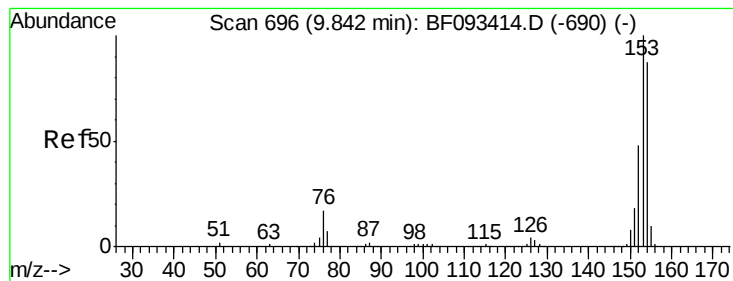
mohammad
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#50
2,6-Dinitrotoluene
Concen: 37.45 ng
RT: 9.61 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	26.2	36.2	54.4#
89	30.4	40.2	60.4#





#51

Acenaphthene

Concen: 38.18 ng

RT: 9.84 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

Instrument :

BNA_F

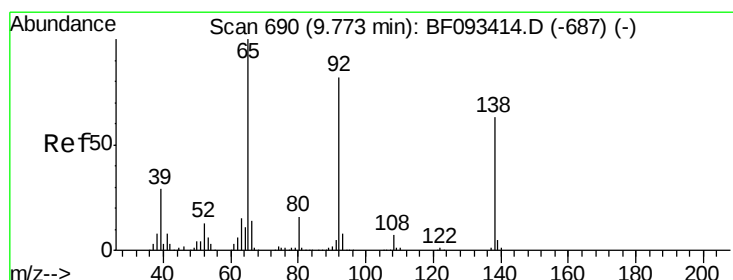
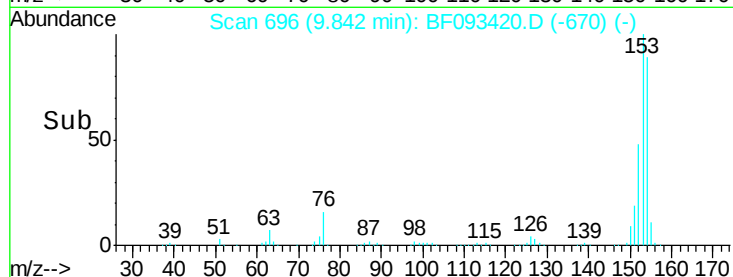
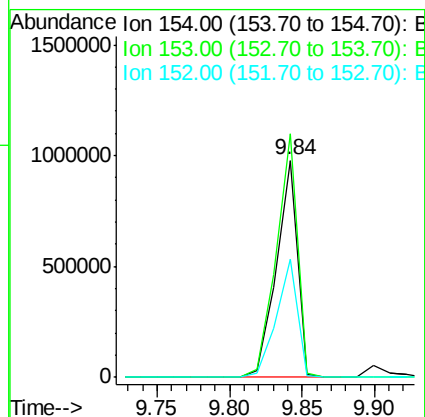
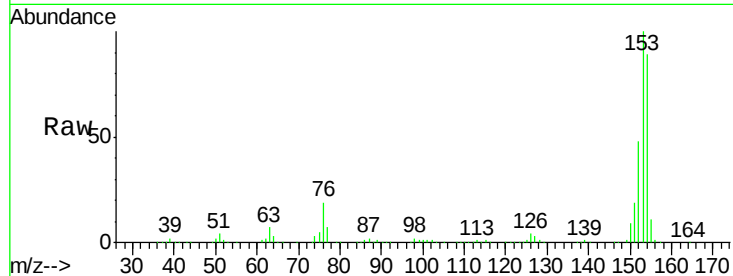
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	987309
Ion Ratio	Lower	Upper	
154	100		
153	112.0	88.6	133.0
152	54.1	41.6	62.4

Manual Integrations
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3/8/2017 1:45:42 PM



#52

3-Nitroaniline

Concen: 36.05 ng

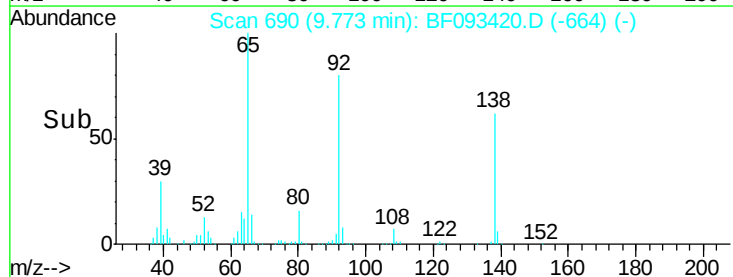
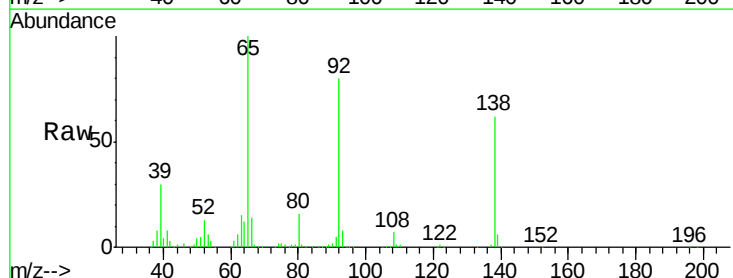
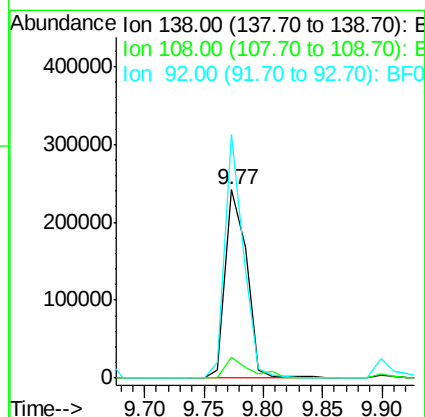
RT: 9.77 min Scan# 690

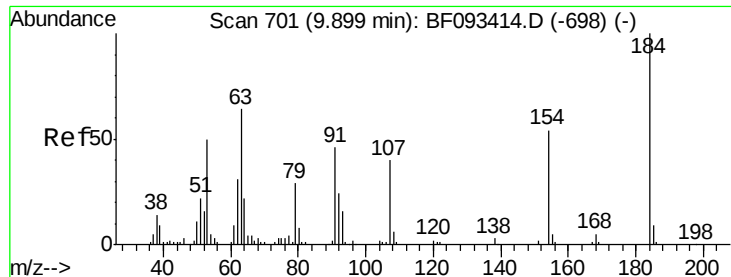
Delta R.T. -0.00 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

Tgt Ion:	138	Resp:	299574
Ion Ratio	Lower	Upper	
138	100		
108	11.0	8.5	12.7
92	129.4	97.8	146.8





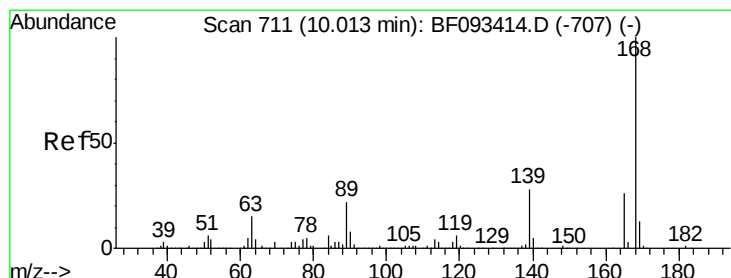
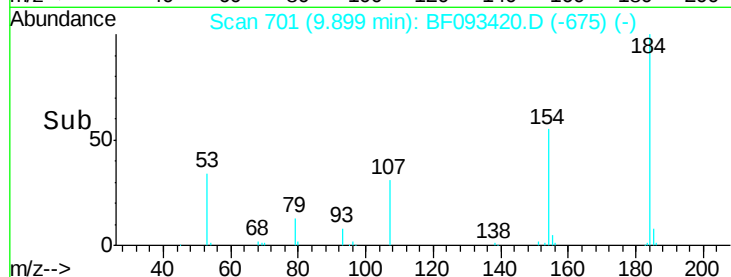
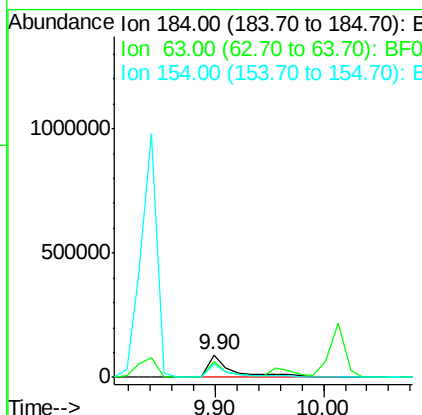
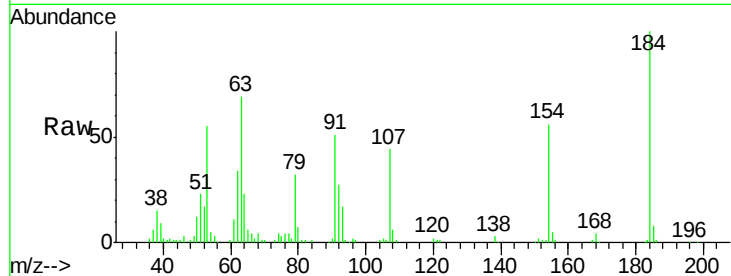
#53
2,4-Dinitrophenol
Concen: 44.68 ng
RT: 9.90 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	140739		
63	68.7	28.4	42.6#	
154	55.9	44.3	66.5	

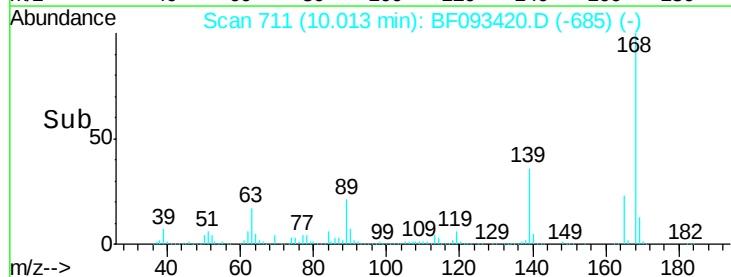
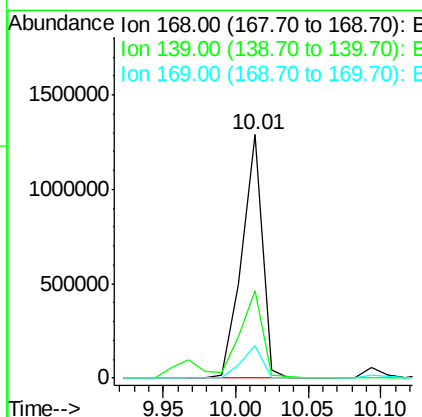
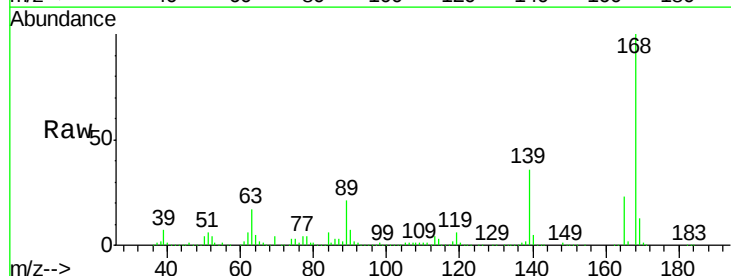
Manual Integrations
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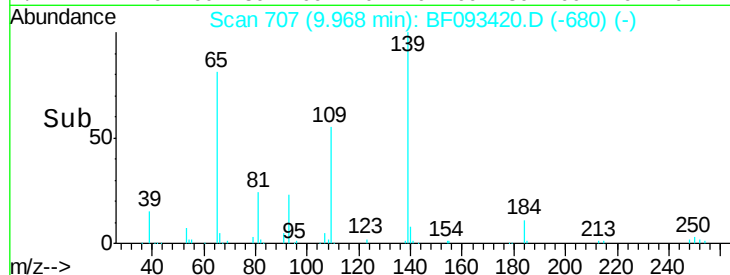
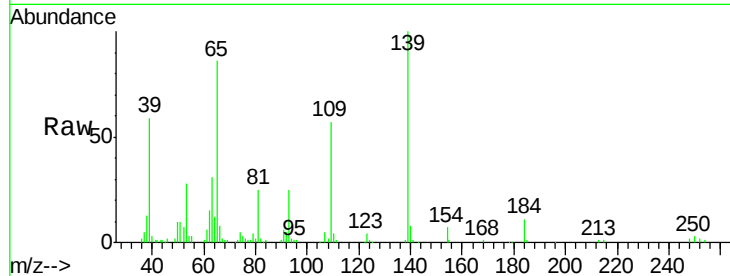
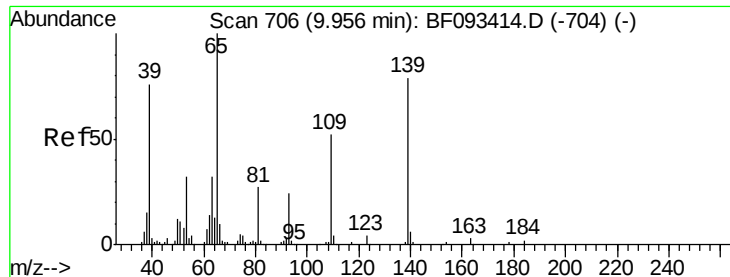
mohammad
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#54
Dibenzofuran
Concen: 39.23 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1269532		
139	35.9	32.6	49.0	
169	13.4	11.3	16.9	





#55

4-Nitrophenol

Concen: 37.26 ng

RT: 9.97 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF093420.D

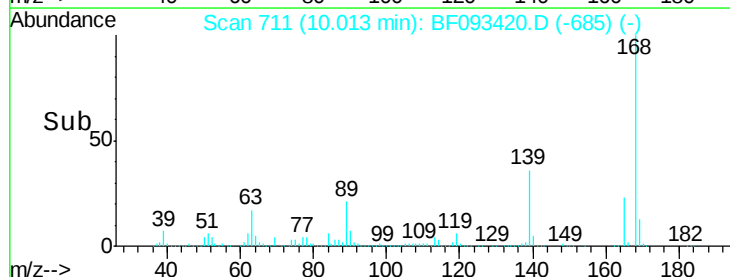
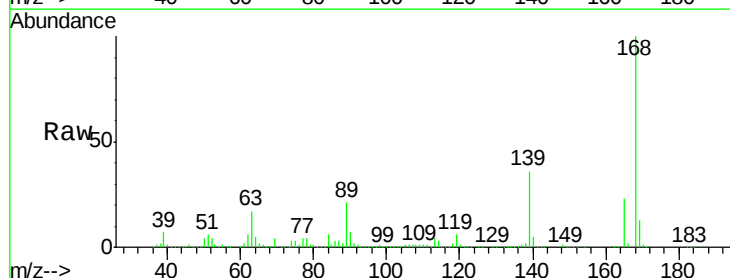
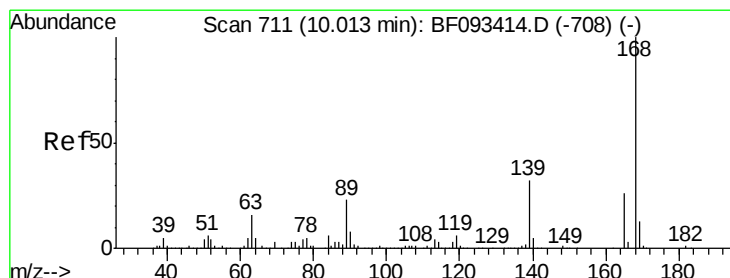
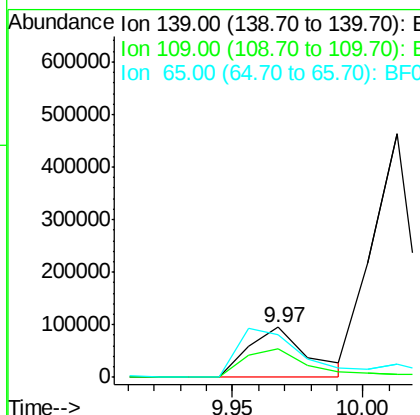
Acq: 7 Mar 2017 15:39

Tot Ion	139	Resp	150399
Ion Ratio	Lower	Upper	
139	100		
109	57.0	52.2	92.2
65	85.6	85.8	125.8#

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 34.45 ng

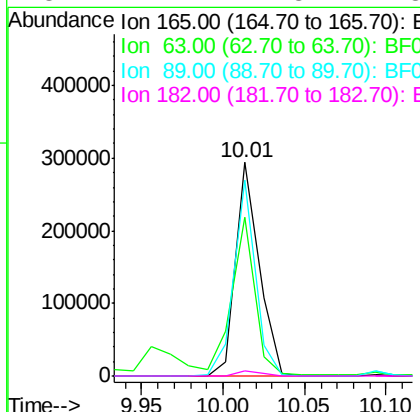
RT: 10.01 min Scan# 711

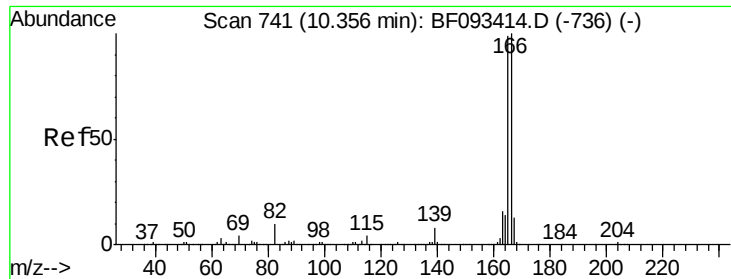
Delta R.T. -0.00 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

Tgt Ion	165	Resp	292757
Ion Ratio	Lower	Upper	
165	100		
63	74.3	40.2	60.4#
89	91.8	62.5	93.7
182	2.2	1.8	2.8





#57

Fluorene

Concen: 40.88 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1121219

Ion Ratio Lower Upper

166 100

165 98.5 77.8 116.8

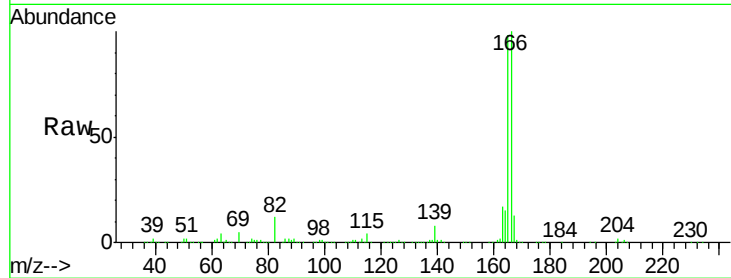
167 13.3 10.8 16.2

Manual Integrations

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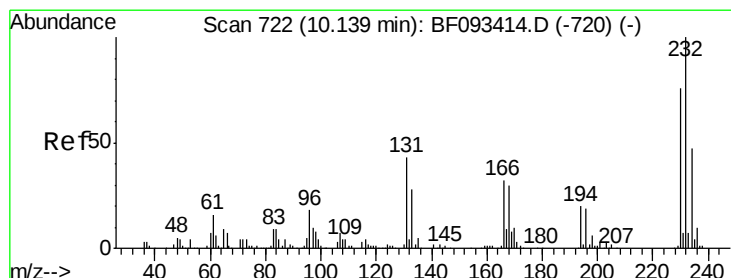
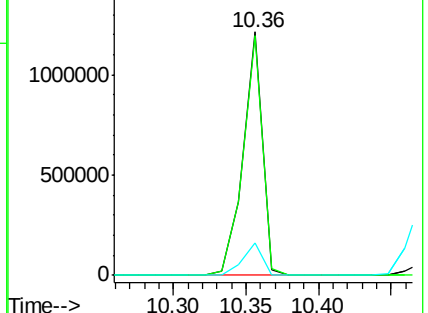
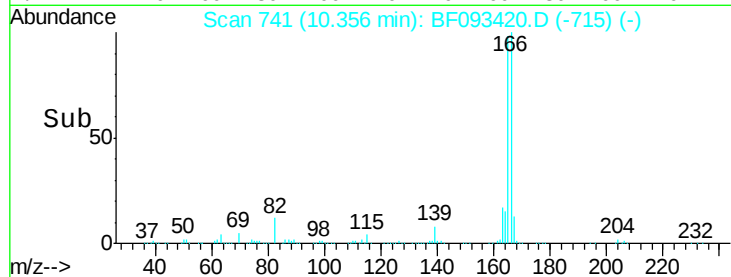
3/8/2017 1:45:42 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.12 ng

RT: 10.14 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

Tgt Ion:232 Resp: 246439

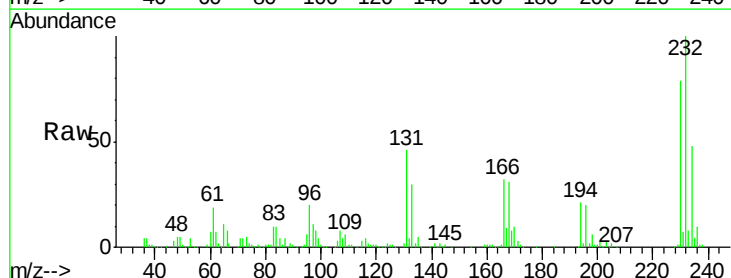
Ion Ratio Lower Upper

232 100

131 45.2 40.1 60.1

130 2.6 1.8 2.8

166 30.5 26.6 39.8

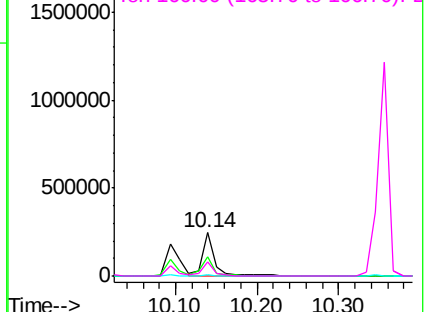
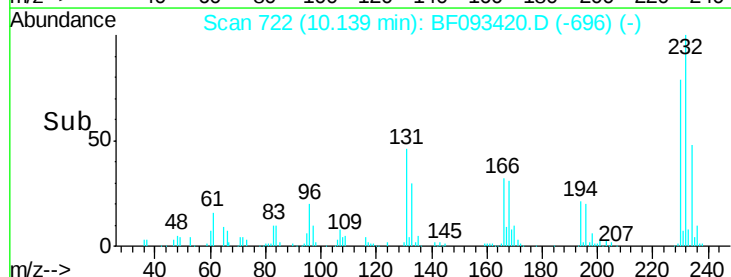


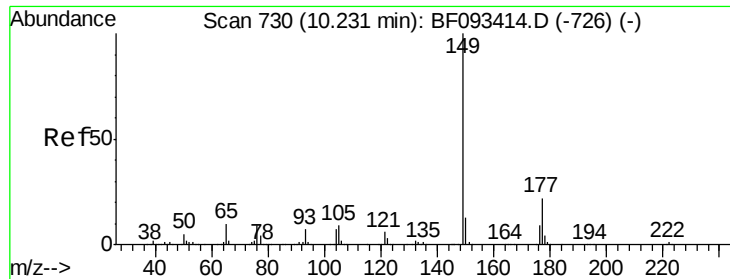
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





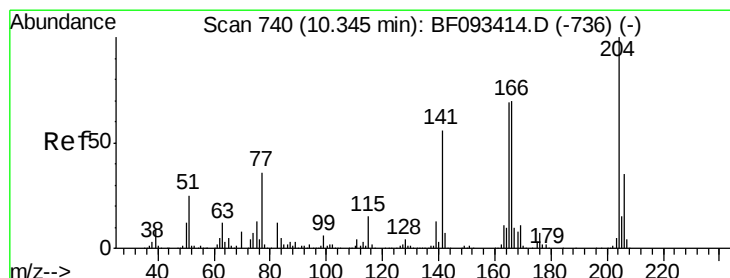
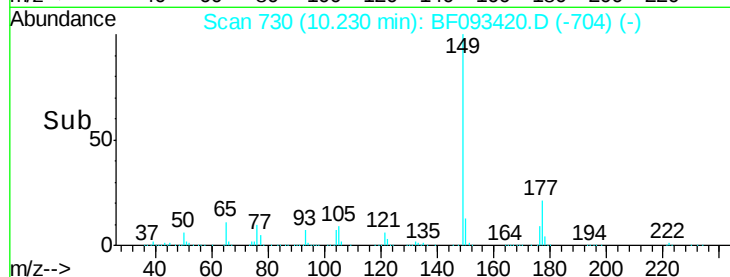
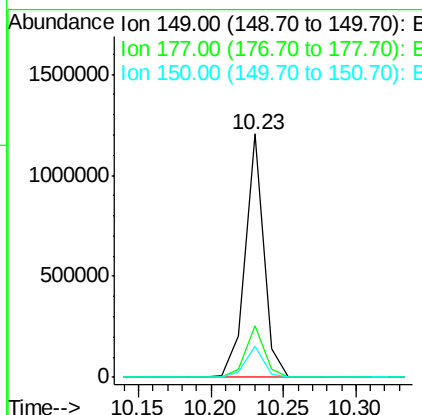
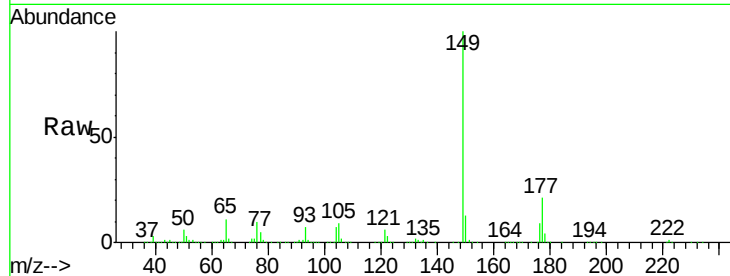
#59
Diethylphthalate
Concen: 35.74 ng
RT: 10.23 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1076622
Ion Ratio Lower Upper
149 100
177 21.4 16.6 25.0
150 12.7 10.4 15.6

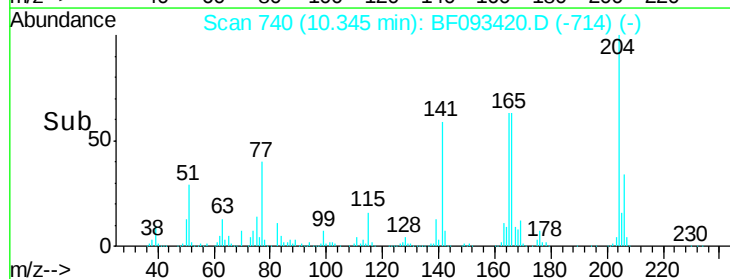
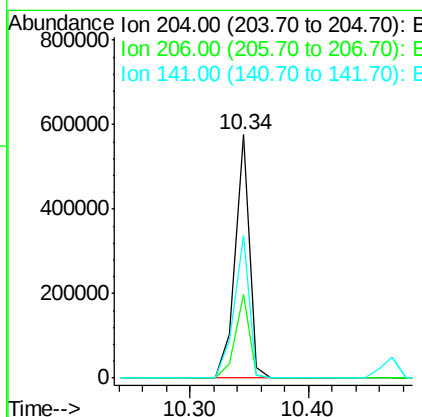
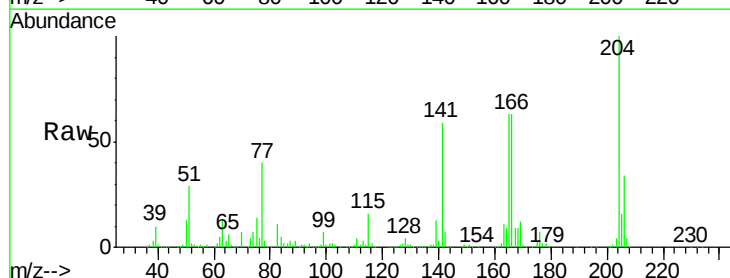
Manual Integrations
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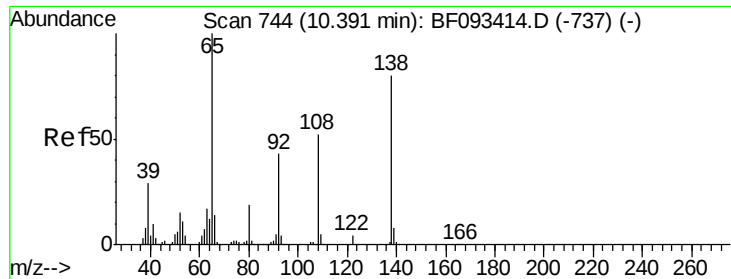
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 39.57 ng
RT: 10.34 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Tgt Ion:204 Resp: 486388
Ion Ratio Lower Upper
204 100
206 34.1 25.8 38.6
141 58.6 59.4 89.0#





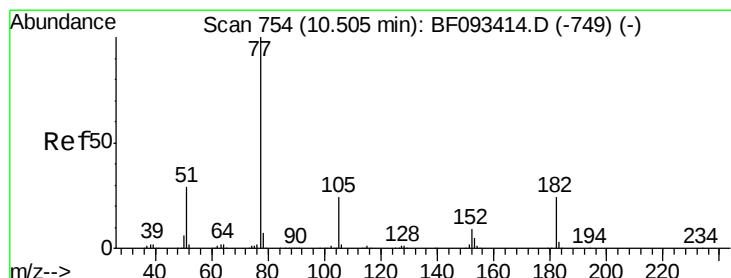
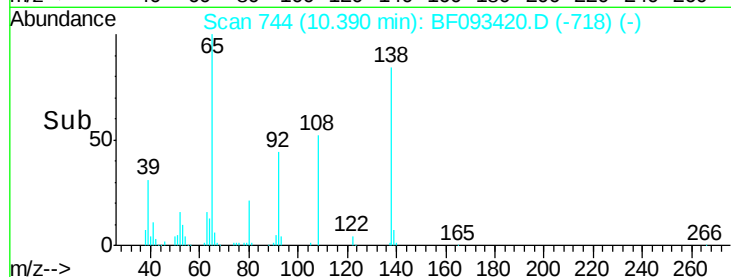
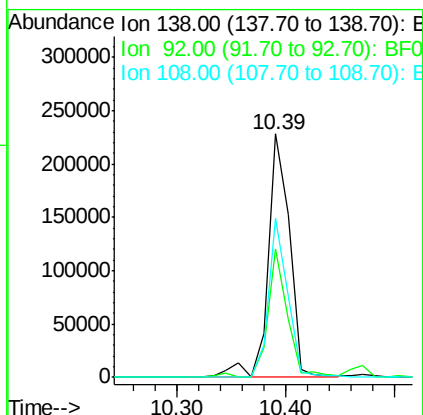
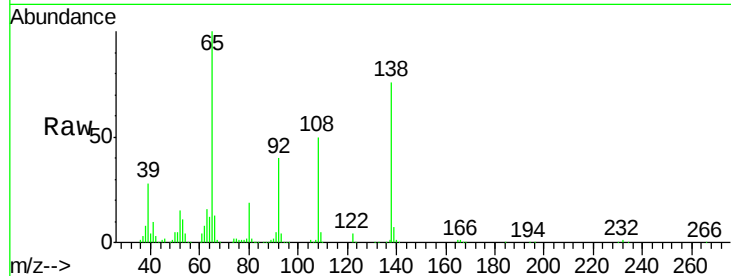
#61
4-Nitroaniline
Concen: 36.91 ng
RT: 10.39 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.5	31.7	71.7
108	65.5	52.6	92.6

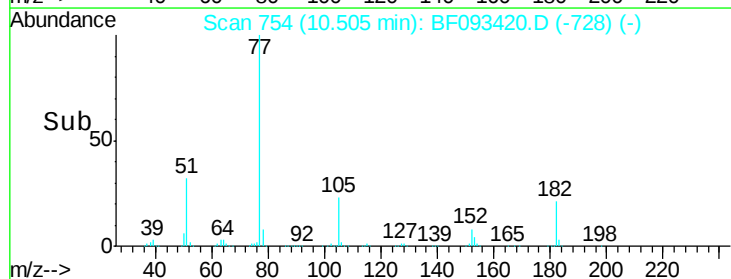
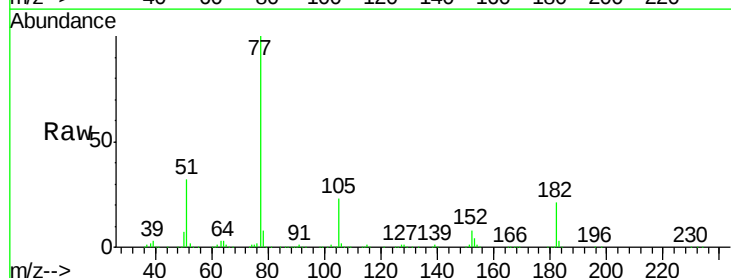
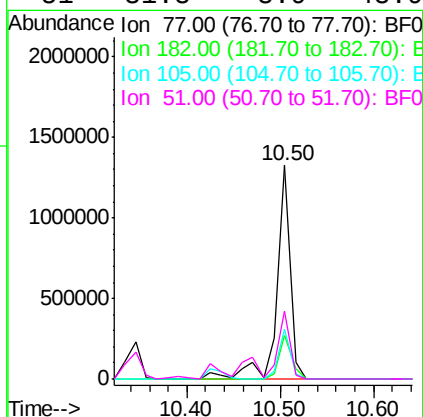
Manual Integrations
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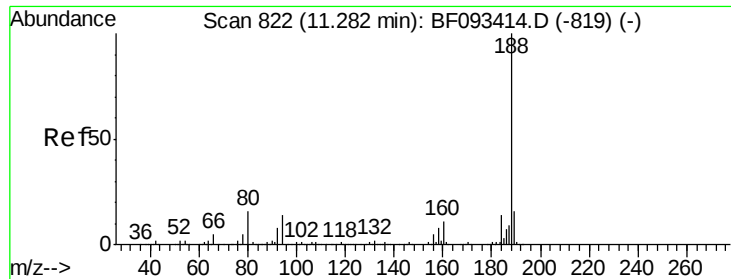
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#62
Azobenzene
Concen: 38.51 ng
RT: 10.50 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.5	0.0	39.3
105	23.2	2.3	42.3
51	31.8	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 823

Delta R.T. 0.01 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

Instrument :

BNA_F

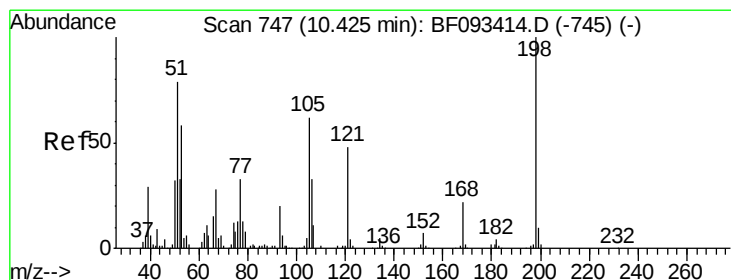
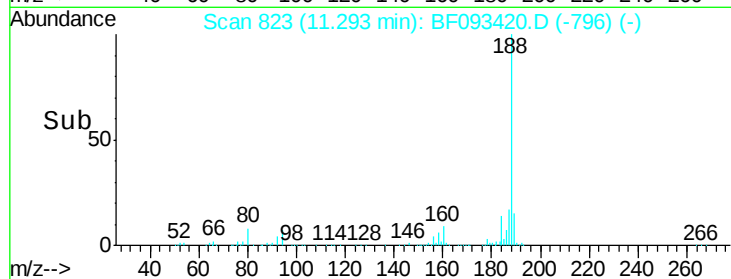
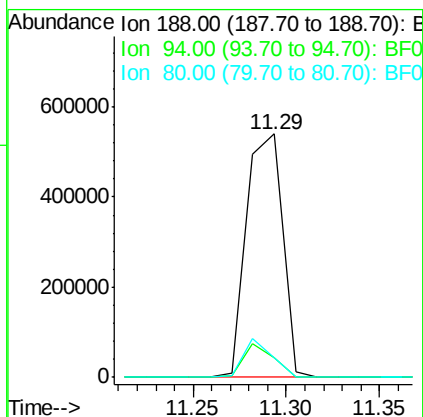
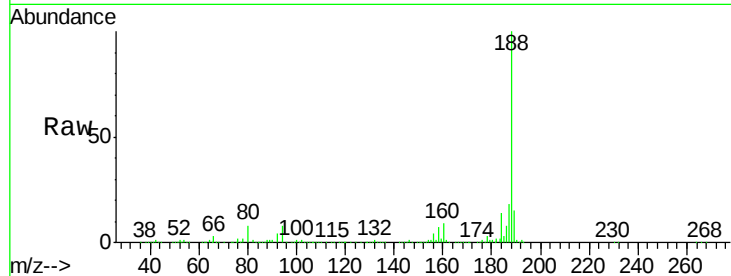
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	726121
Ion Ratio	Lower	Upper	
188	100		
94	8.1	10.0	15.0#
80	8.0	11.2	16.8#

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#64

4,6-Dinitro-2-methylphenol

Concen: 39.75 ng

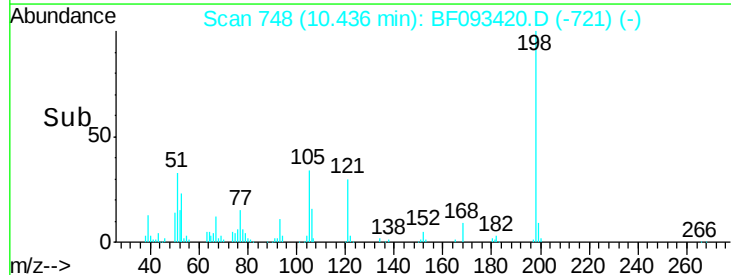
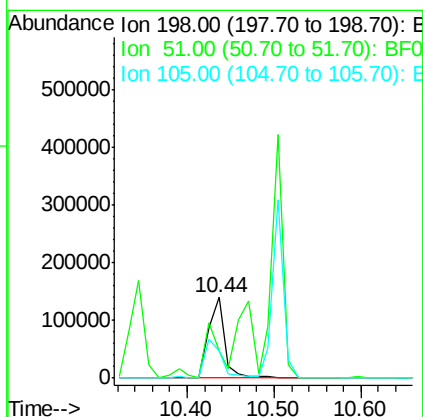
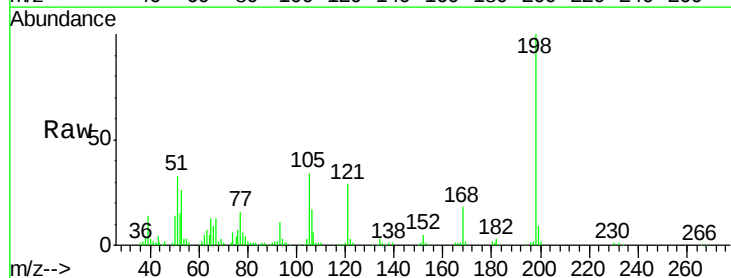
RT: 10.44 min Scan# 748

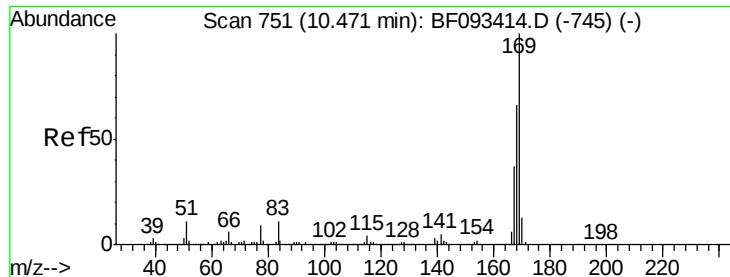
Delta R.T. 0.01 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

Tgt Ion:	198	Resp:	186982
Ion Ratio	Lower	Upper	
198	100		
51	33.4	6.7	46.7
105	33.8	16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 39.76 ng

RT: 10.47 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

Instrument :

BNA_F

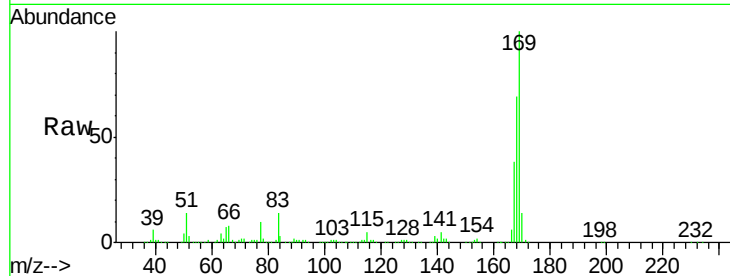
ClientSampleId :

SSTDCCC040

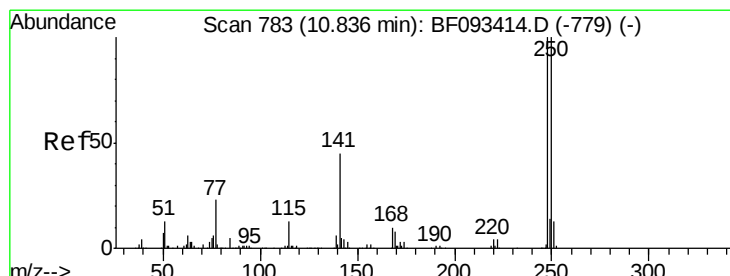
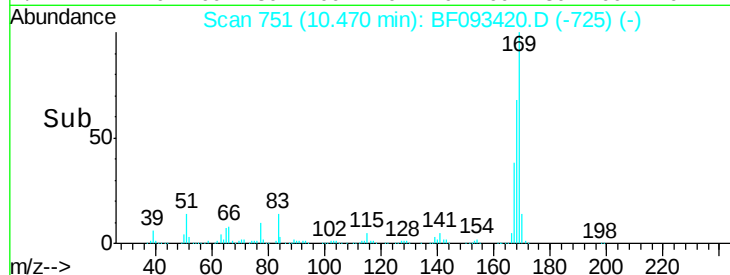
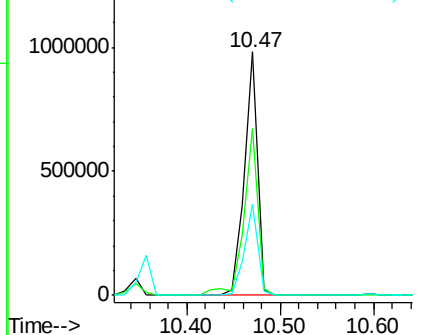
Tot Ion:	169	Resp:	963907
Ion Ratio	Lower	Upper	
169	100		
168	68.5	54.2	81.2
167	37.6	30.2	45.4

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



#66

4-Bromophenyl-phenylether

Concen: 39.79 ng

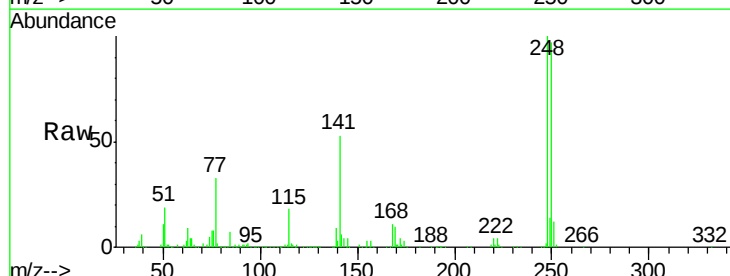
RT: 10.84 min Scan# 783

Delta R.T. -0.00 min

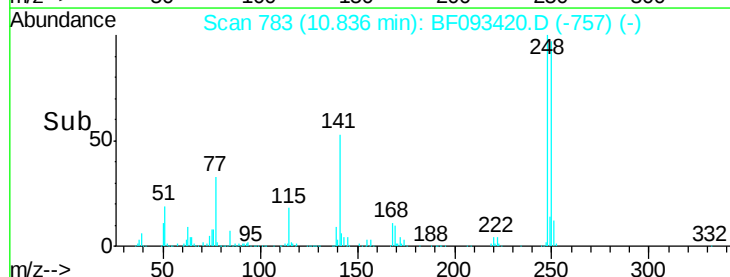
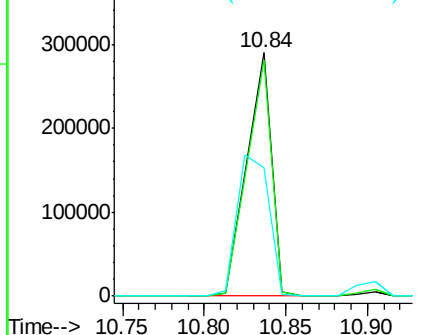
Lab File: BF093420.D

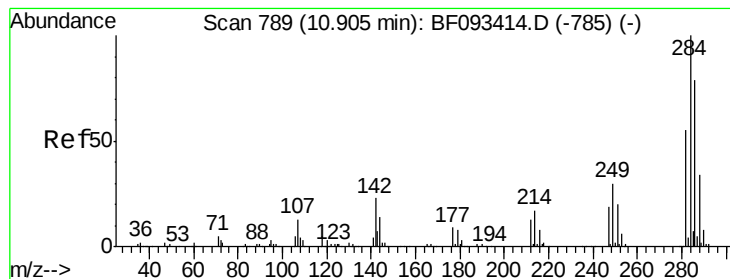
Acq: 7 Mar 2017 15:39

Tgt Ion:	248	Resp:	305540
Ion Ratio	Lower	Upper	
248	100		
250	96.8	76.9	115.3
141	52.8	68.2	102.4#



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





#67

Hexachlorobenzene

Concen: 39.53 ng

RT: 10.90 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

Instrument :

BNA_F

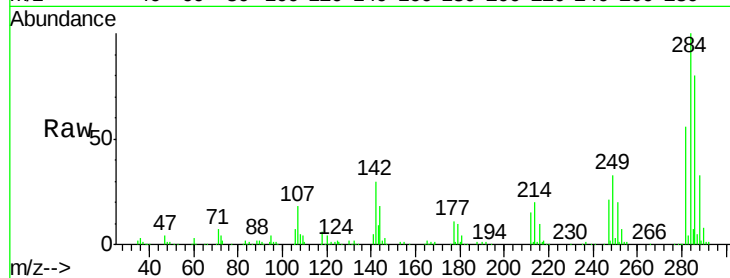
ClientSampleId :

SSTDCCC040

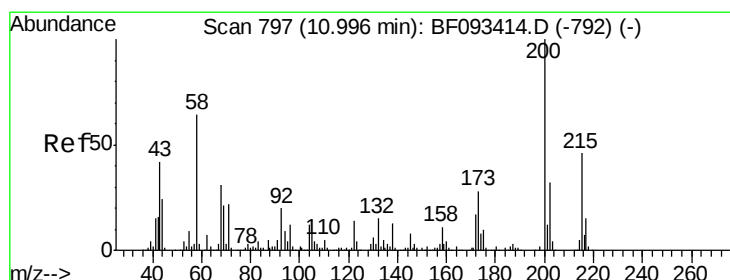
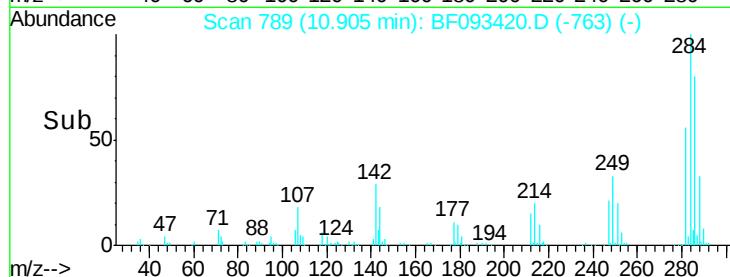
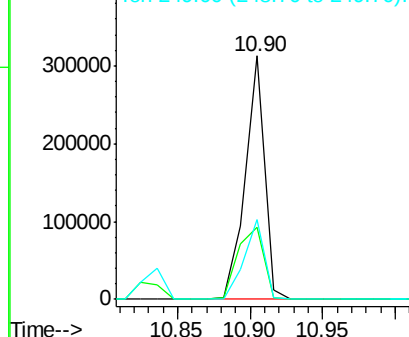
Tot Ion:	284	Resp:	289810
Ion Ratio	Lower	Upper	
284	100		
142	29.8	22.6	33.8
249	33.0	25.4	38.0

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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: 36.83 ng

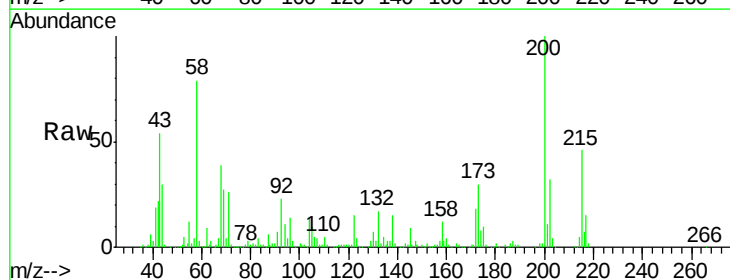
RT: 11.00 min Scan# 797

Delta R.T. -0.00 min

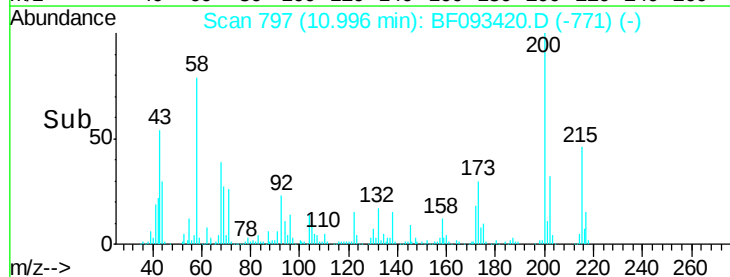
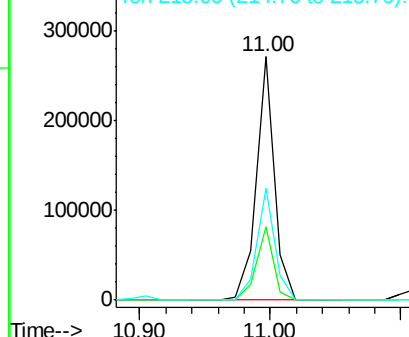
Lab File: BF093420.D

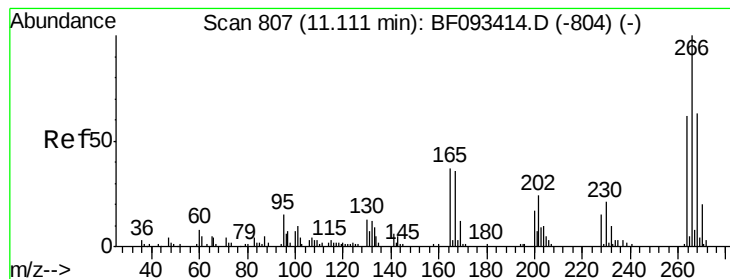
Acq: 7 Mar 2017 15:39

Tgt Ion:	200	Resp:	261333
Ion Ratio	Lower	Upper	
200	100		
173	29.9	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: 42.27 ng

RT: 11.11 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

Instrument :

BNA_F

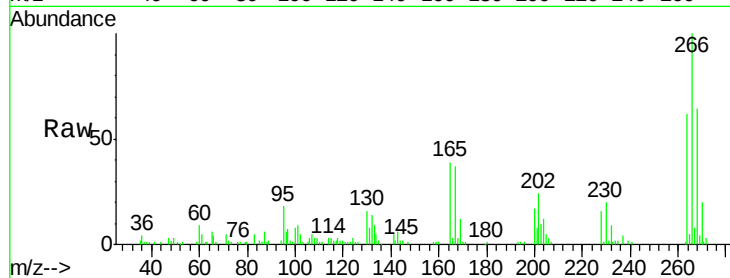
ClientSampleId :

SSTDCCC040

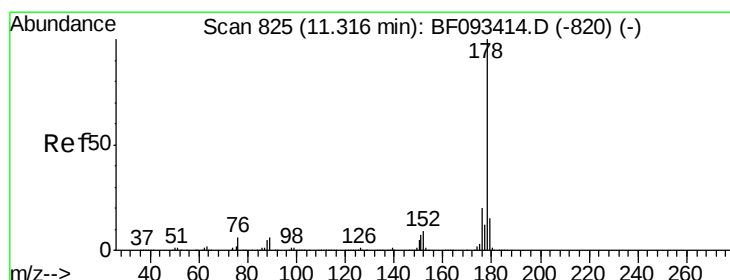
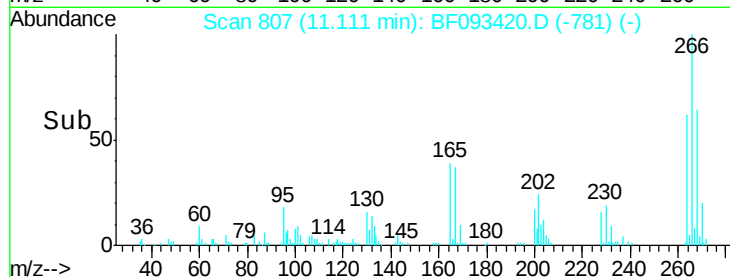
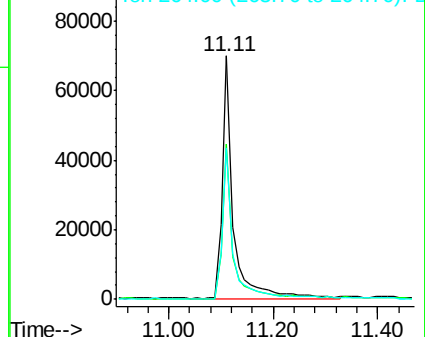
Tot Ion:	266	Resp:	107008
Ion Ratio		Lower	Upper
266	100		
268	63.9	53.3	79.9
264	62.3	50.3	75.5

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



#70

Phenanthrene

Concen: 38.59 ng

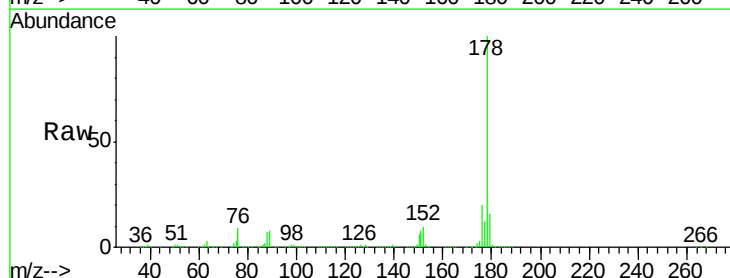
RT: 11.32 min Scan# 825

Delta R.T. -0.00 min

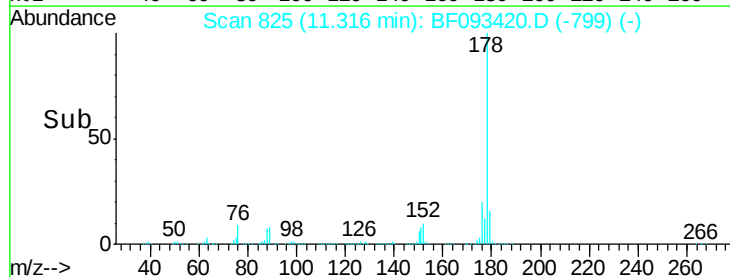
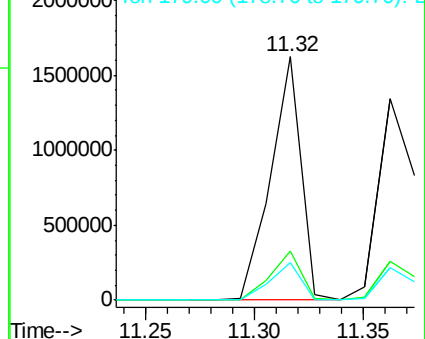
Lab File: BF093420.D

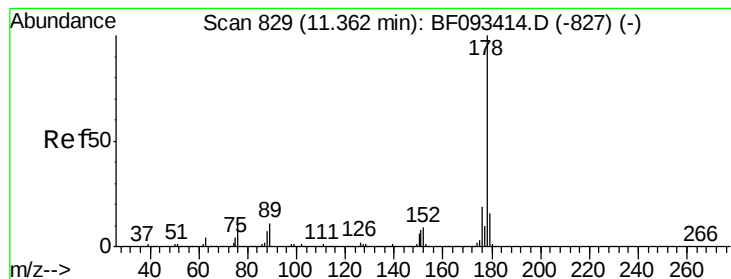
Acq: 7 Mar 2017 15:39

Tgt Ion:	178	Resp:	1599416
Ion Ratio		Lower	Upper
178	100		
176	20.3	16.6	25.0
179	15.6	12.8	19.2



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





#71

Anthracene

Concen: 37.58 ng

RT: 11.36 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1575649

Ion Ratio Lower Upper

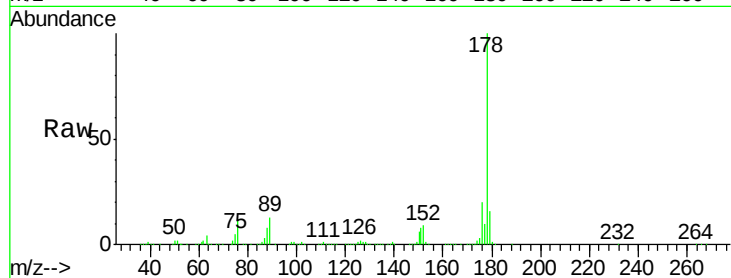
178 100

176 19.6 15.9 23.9

179 15.9 13.2 19.8

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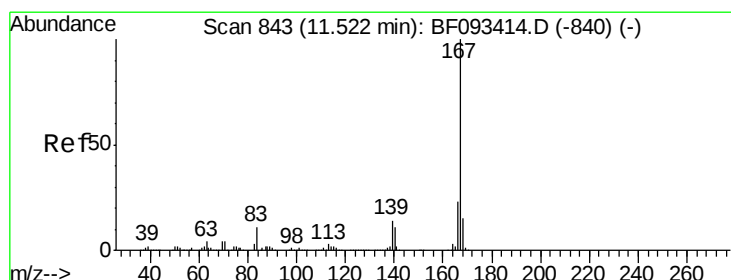
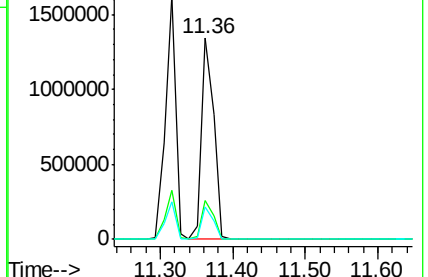
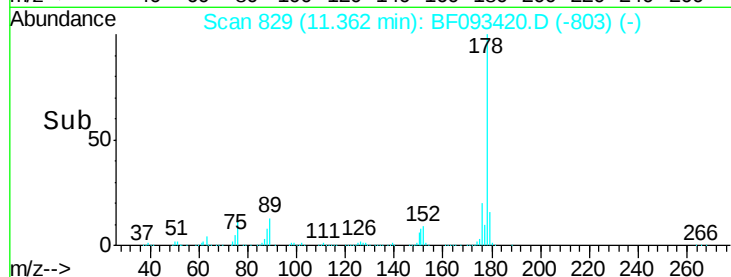
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.10 ng

RT: 11.52 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

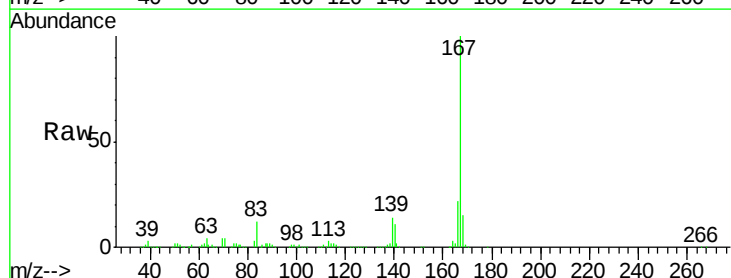
Tgt Ion:167 Resp: 1540036

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.2

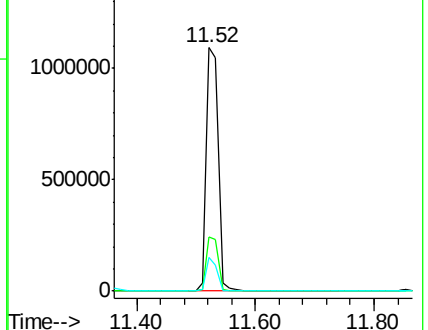
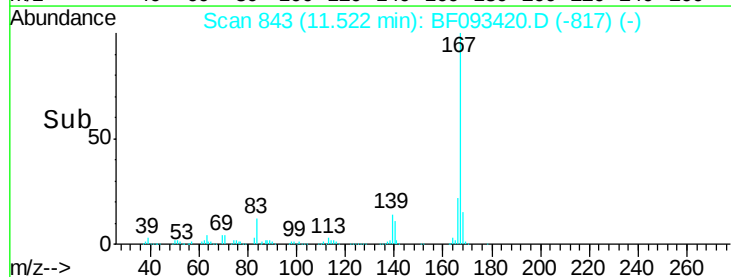
139 13.9 11.4 17.2

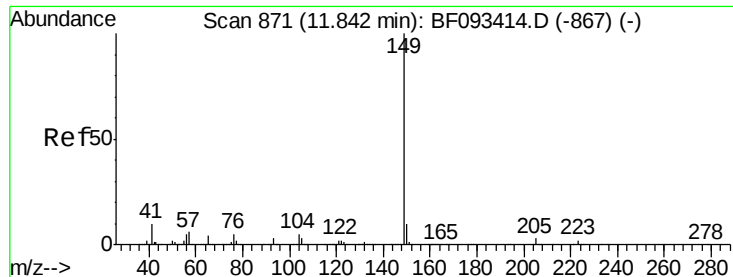


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.43 ng

RT: 11.85 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1796929

Ion Ratio Lower Upper

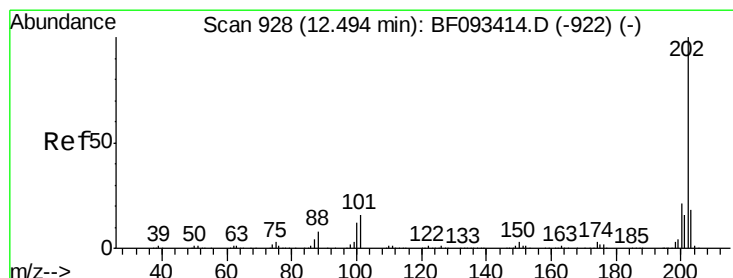
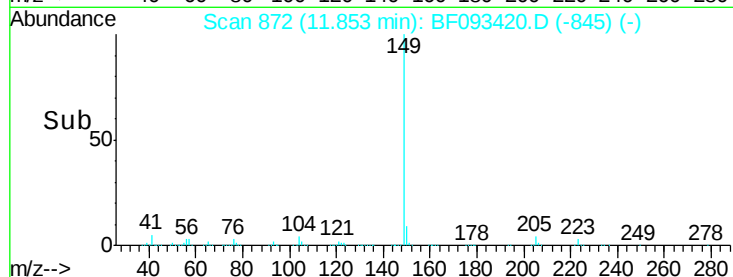
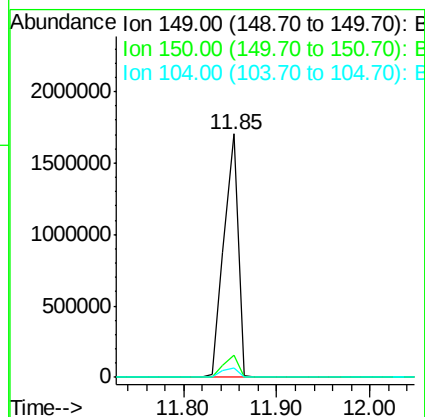
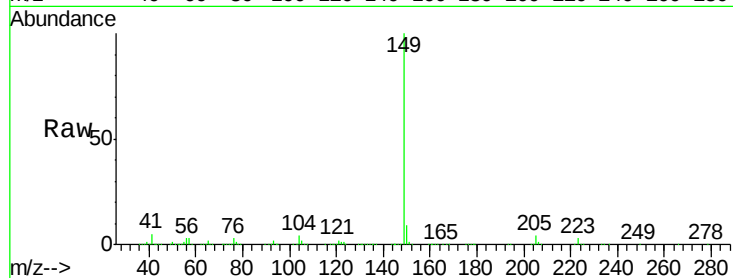
149 100

150 9.3 8.1 12.1

104 3.7 4.6 7.0#

Manual Integrations
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3/8/2017 1:45:42 PM



#74

Fluoranthene

Concen: 40.67 ng

RT: 12.50 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

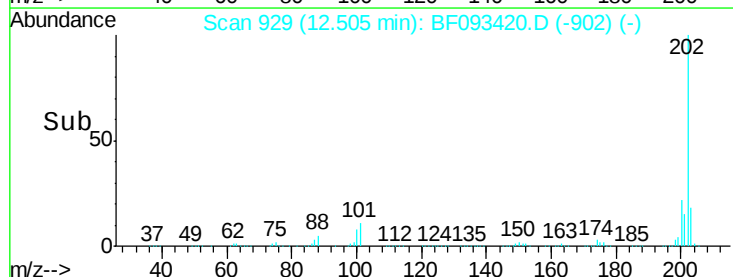
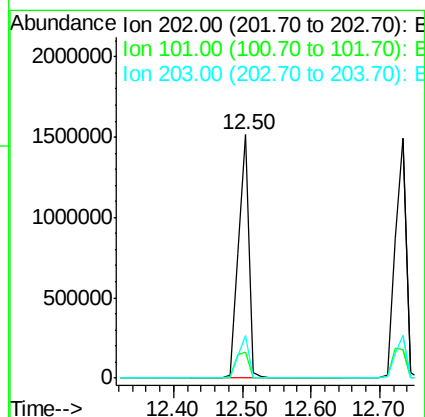
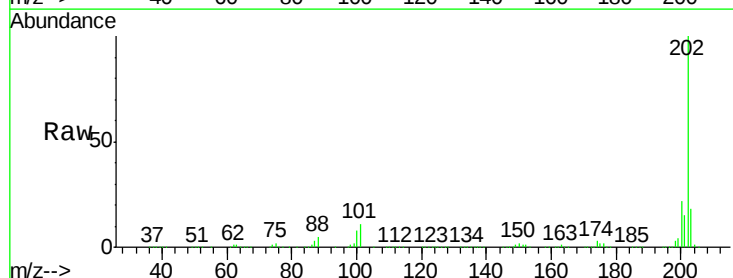
Tgt Ion:202 Resp: 1628327

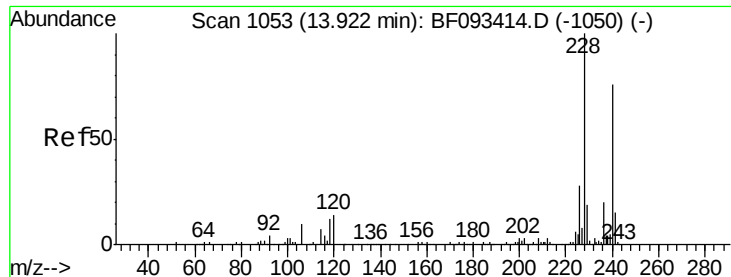
Ion Ratio Lower Upper

202 100

101 10.7 0.0 34.6

203 17.7 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

Instrument :

BNA_F

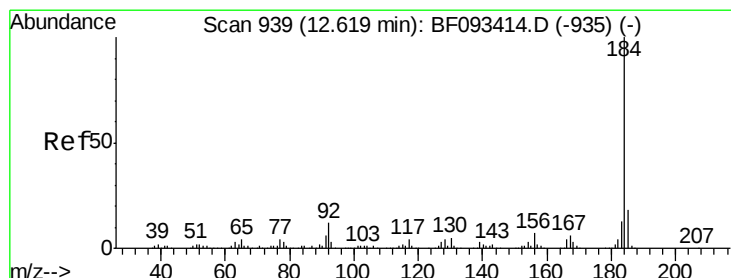
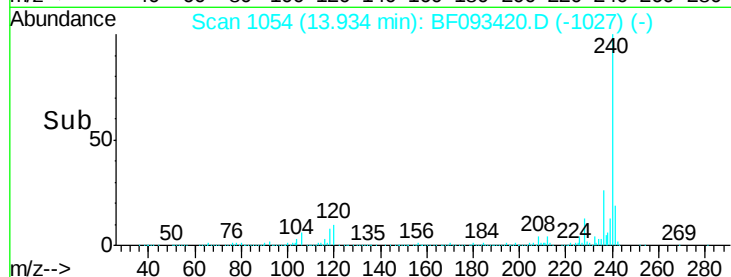
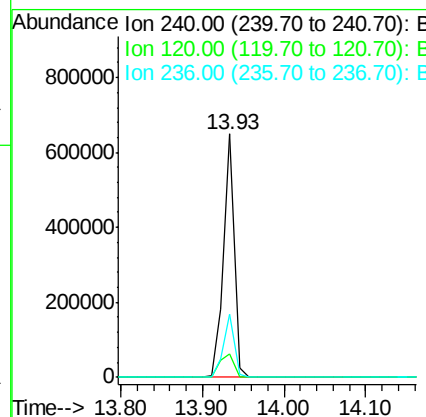
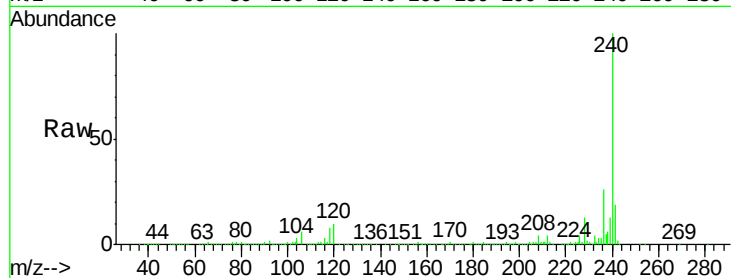
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.5	12.9	19.3#
236	25.9	20.9	31.3

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#76

Benzidine

Concen: 42.29 ng

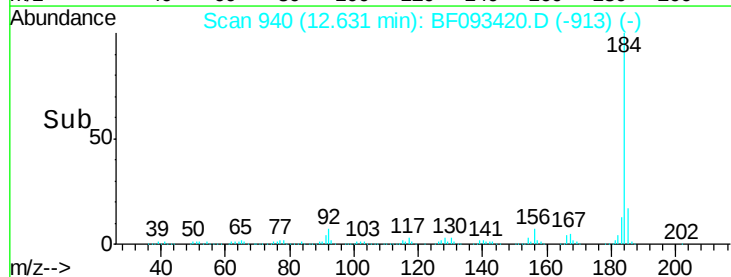
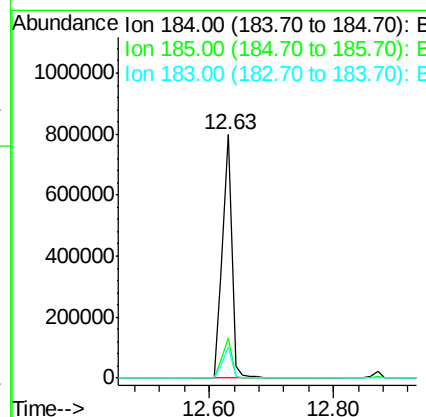
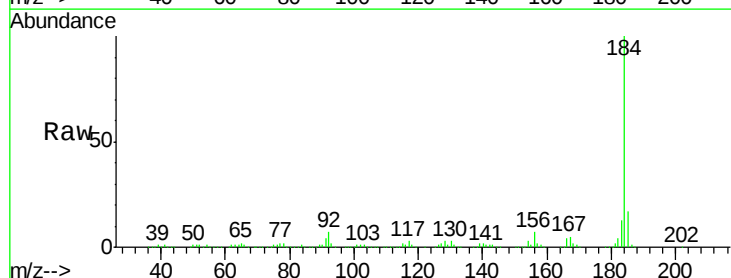
RT: 12.63 min Scan# 940

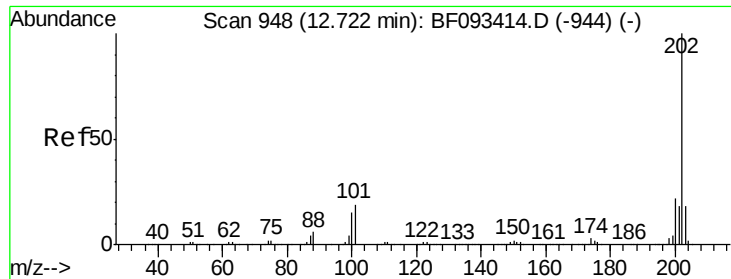
Delta R.T. 0.01 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.6	13.4	20.0
183	12.6	9.2	13.8





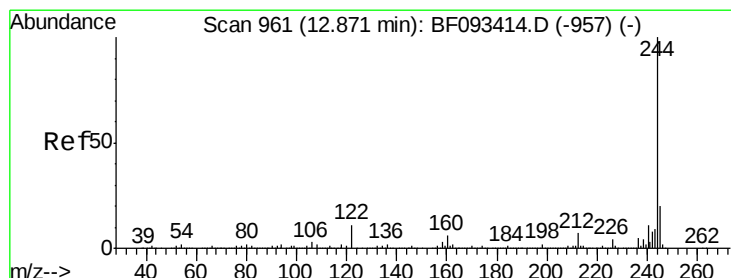
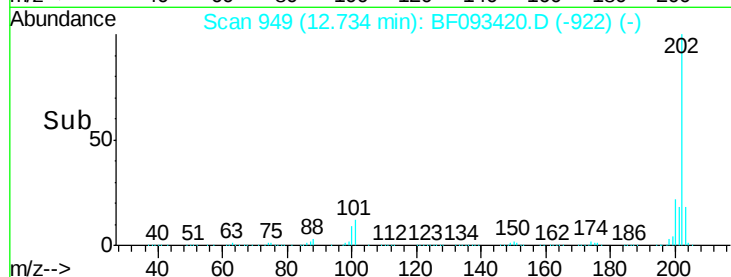
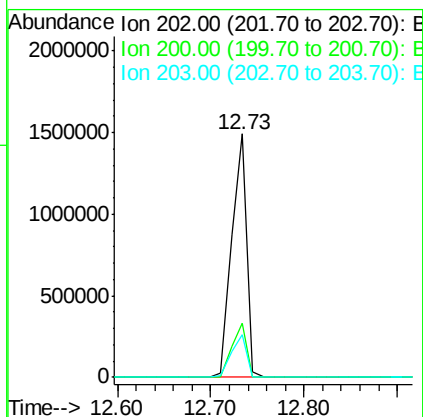
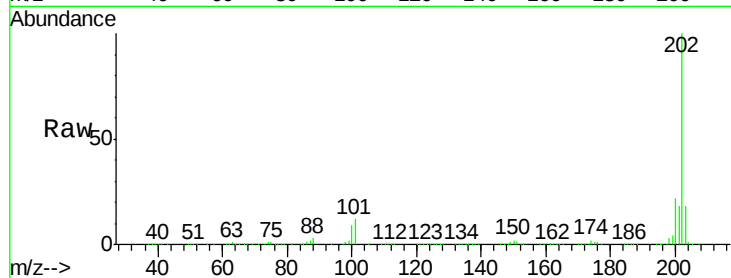
#77
Pvrene
Concen: 38.45 ng
RT: 12.73 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	17.5	14.7	22.1

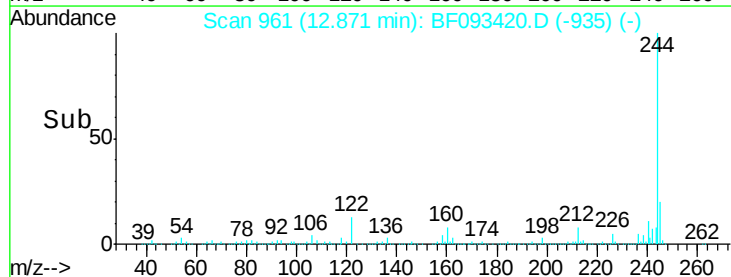
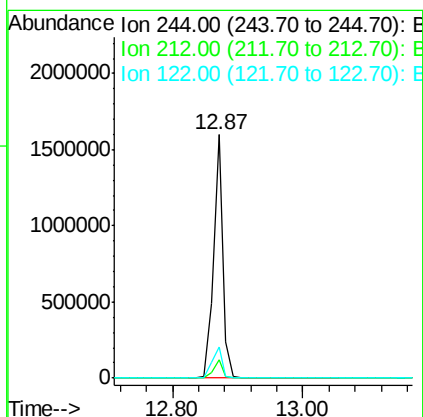
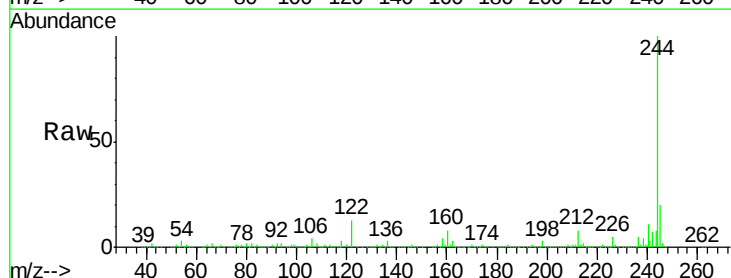
Manual Integrations
APPROVED

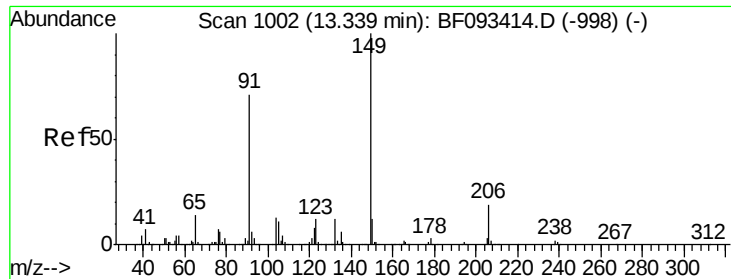
mohammad
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#78
Terphenyl-d14
Concen: 70.51 ng
RT: 12.87 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	12.9	11.4	17.2





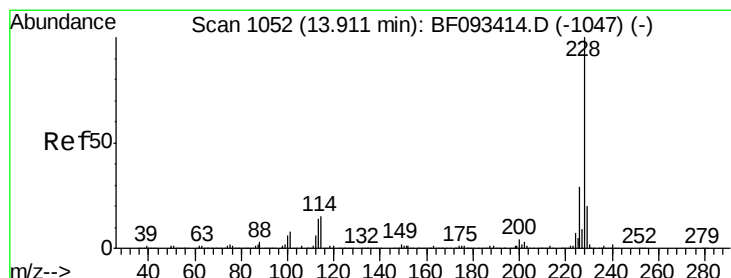
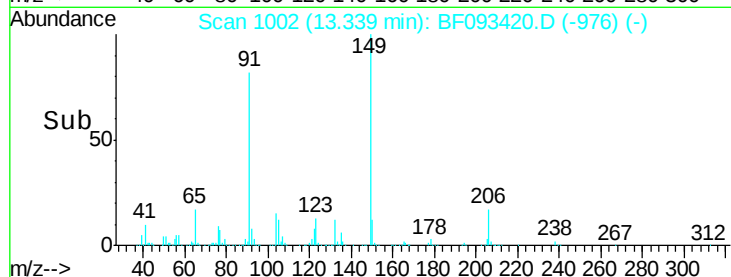
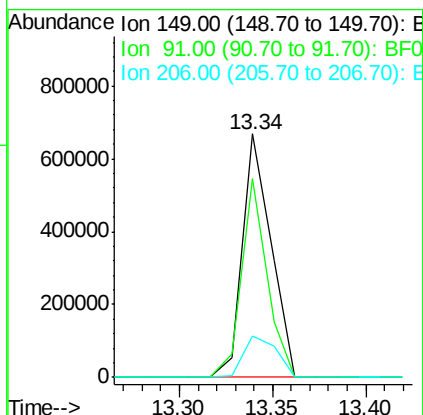
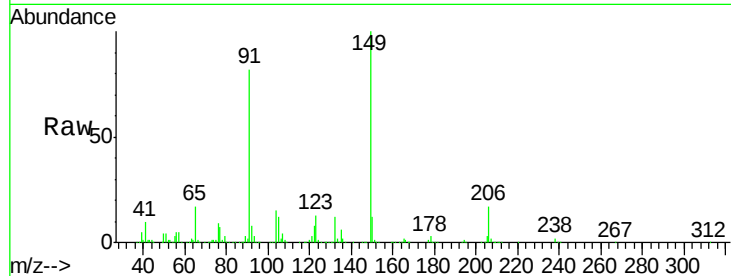
#79
Butylbenzylphthalate
Concen: 39.33 ng
RT: 13.34 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	81.7	63.9	95.9
206	17.2	14.6	21.8

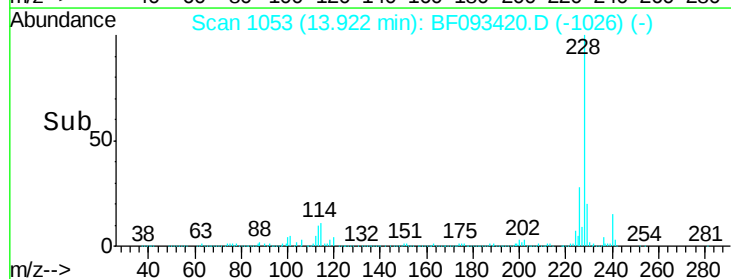
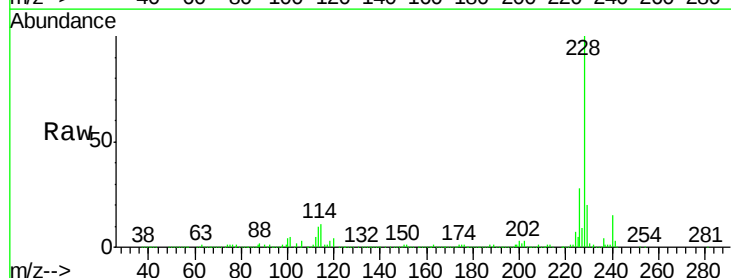
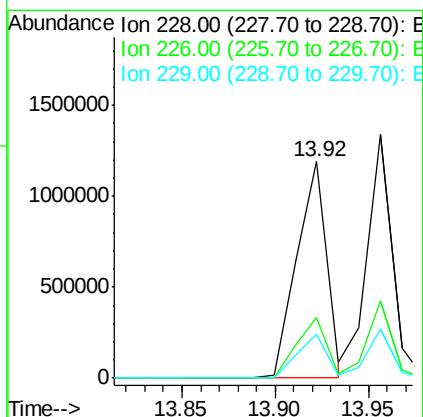
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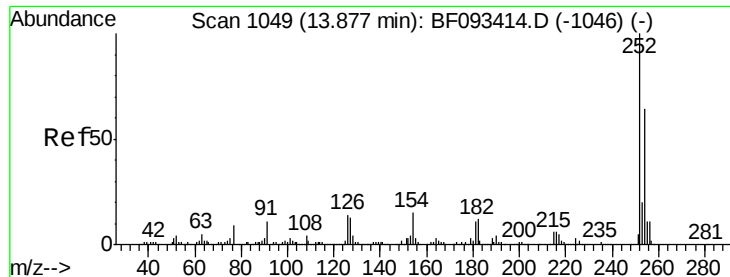
mohammad
3/8/2017 1:45:42 PM



#80
Benzo(a)anthracene
Concen: 37.85 ng
RT: 13.92 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.4	33.6
229	20.2	16.2	24.4





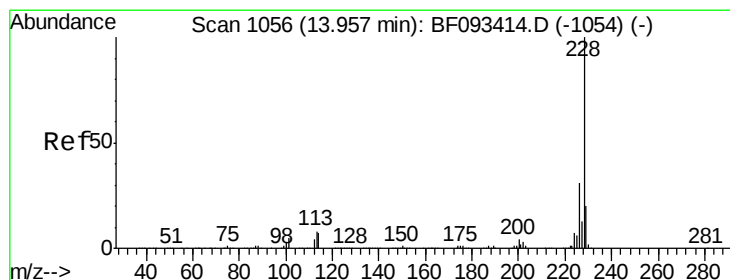
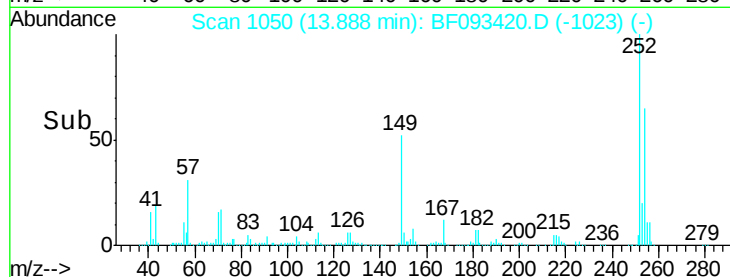
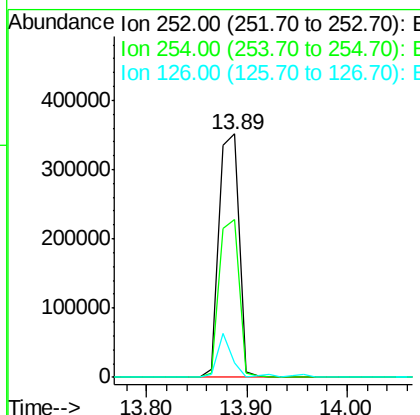
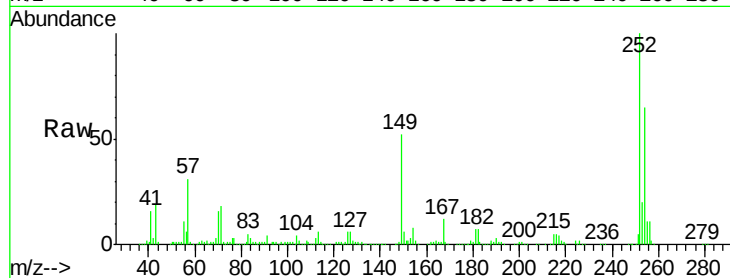
#81
 3,3'-Dichlorobenzidine
 Concen: 39.67 ng
 RT: 13.89 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: BF093420.D
 Acq: 7 Mar 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	65.0	52.3	78.5	
126	6.1	13.6	20.4	

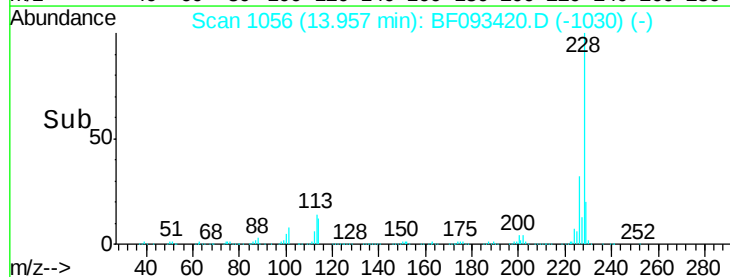
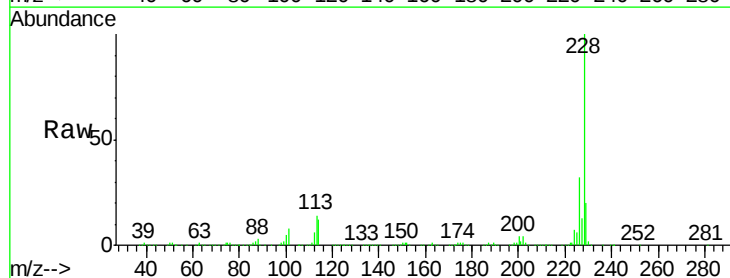
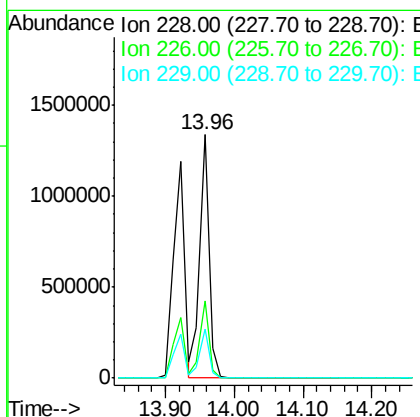
Manual Integrations
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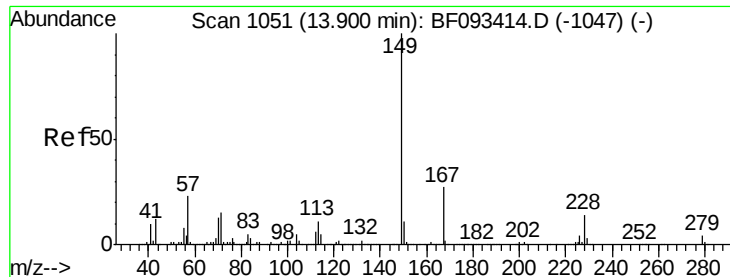
mohammad
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#82
 Chrysene
 Concen: 38.17 ng
 RT: 13.96 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF093420.D
 Acq: 7 Mar 2017 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.7	25.4	38.0	
229	20.1	16.2	24.2	





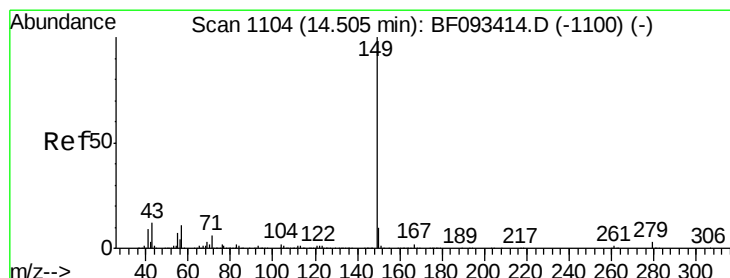
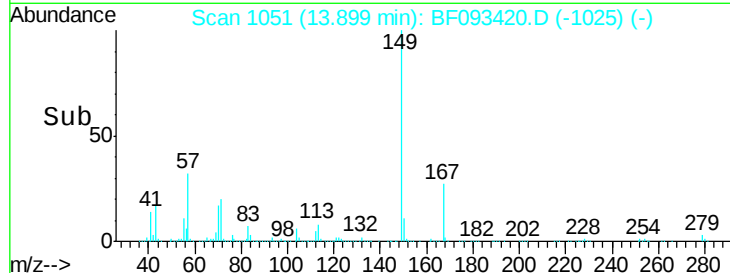
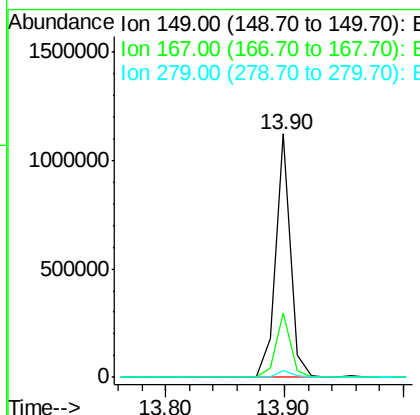
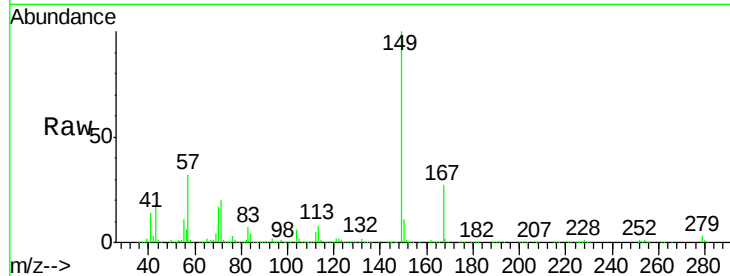
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.20 ng
 RT: 13.90 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BF093420.D
 Acq: 7 Mar 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.6	20.2	30.4
279	2.7	1.8	2.8

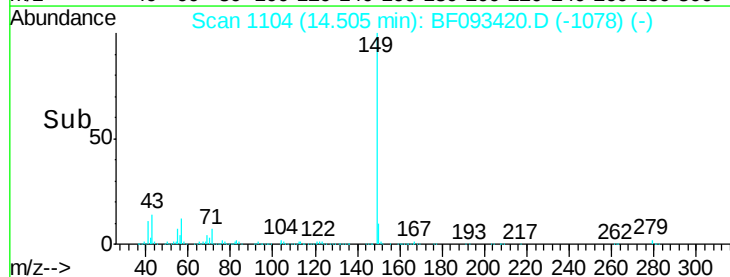
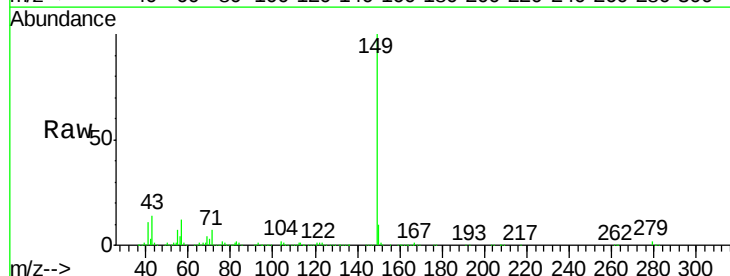
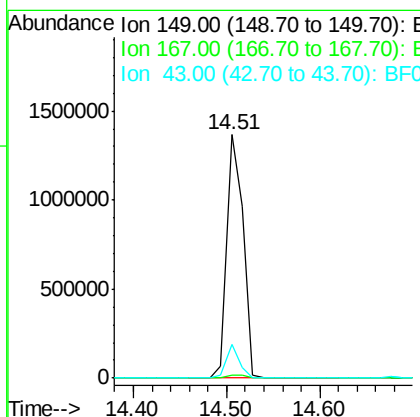
Manual Integrations
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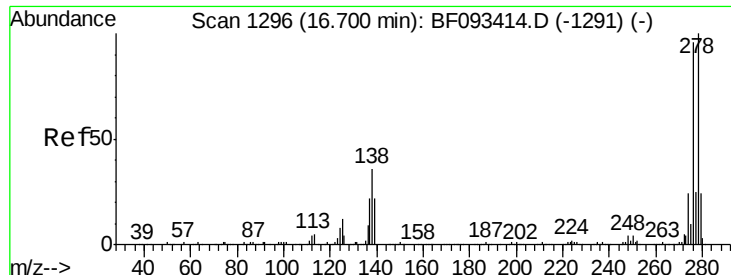
mohammad
 3/8/2017 1:45:42 PM



#84
 Di-n-octyl phthalate
 Concen: 39.20 ng
 RT: 14.51 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BF093420.D
 Acq: 7 Mar 2017 15:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.2	8.9	13.3





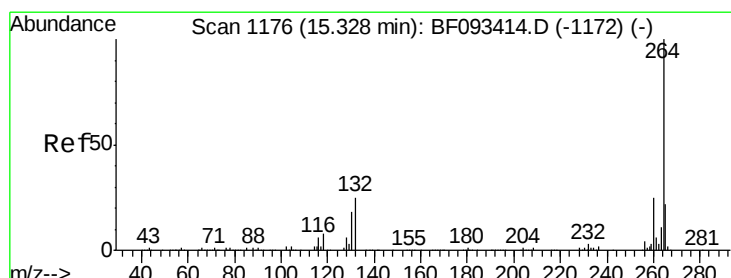
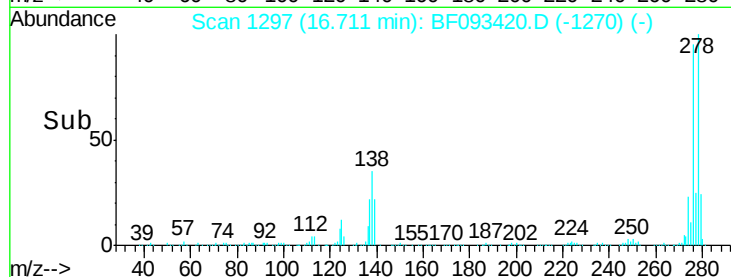
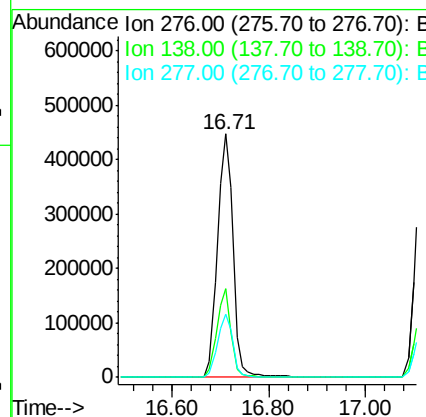
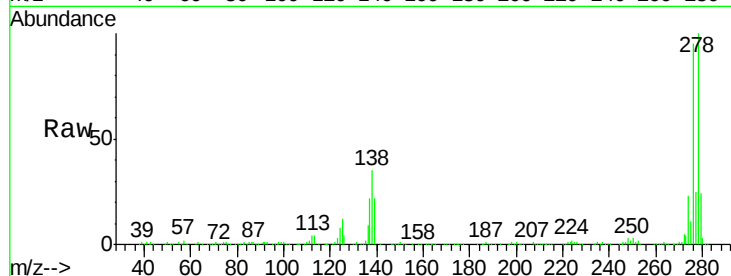
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.47 ng
RT: 16.71 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:276 Resp: 1022516
Ion Ratio Lower Upper
276 100
138 33.8 21.8 32.6#
277 25.4 20.2 30.4

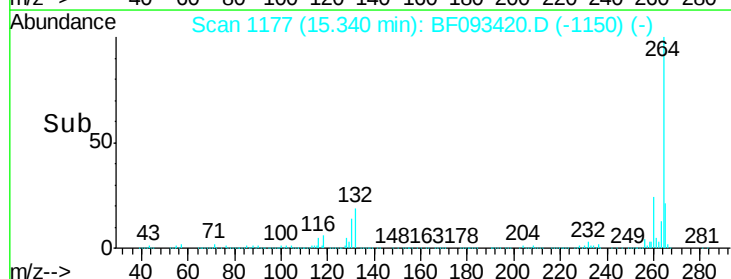
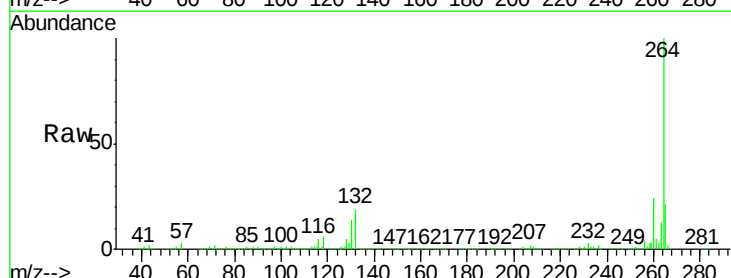
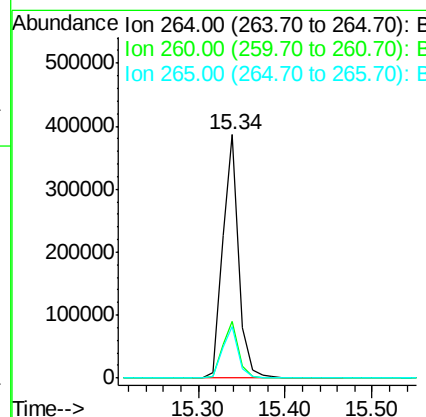
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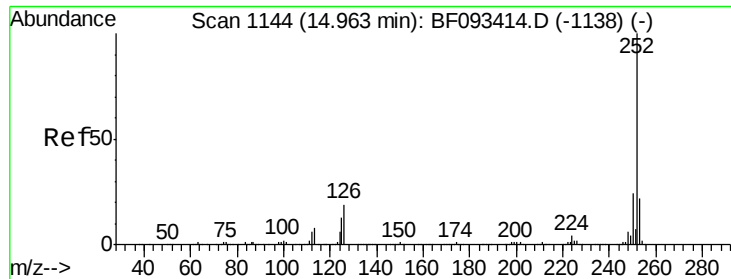
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Tgt Ion:264 Resp: 498407
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.2 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 36.97 ng m

RT: 14.94 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1122138

Ion Ratio Lower Upper

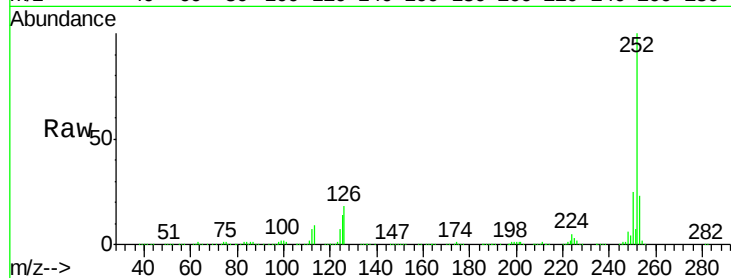
252 100

253 22.6 18.2 27.4

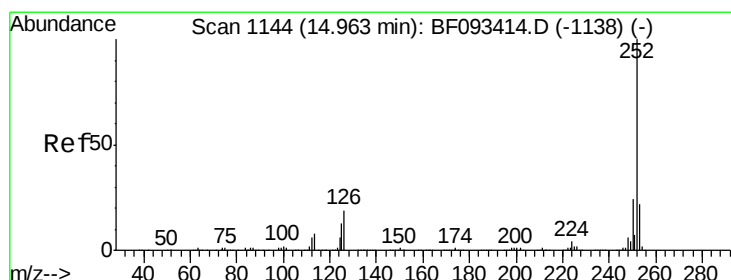
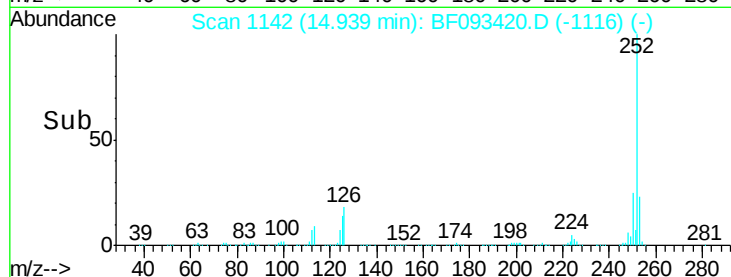
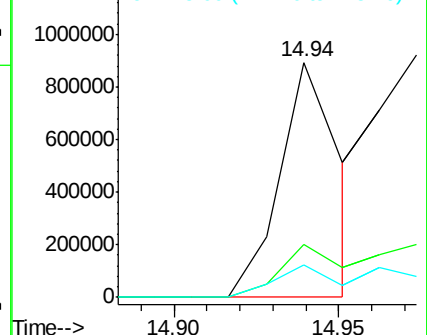
125 14.0 9.8 14.6

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



#88

Benzo(k)fluoranthene

Concen: 40.43 ng m

RT: 14.97 min Scan# 1145

Delta R.T. 0.01 min

Lab File: BF093420.D

Acq: 7 Mar 2017 15:39

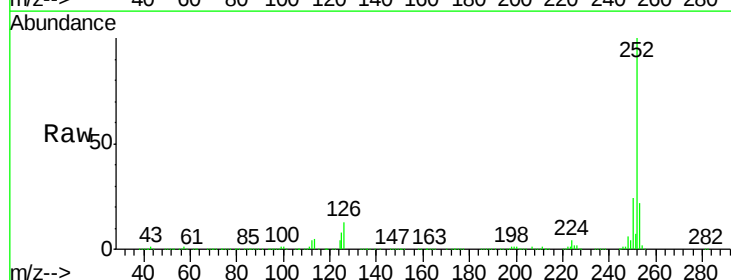
Tgt Ion:252 Resp: 1183388

Ion Ratio Lower Upper

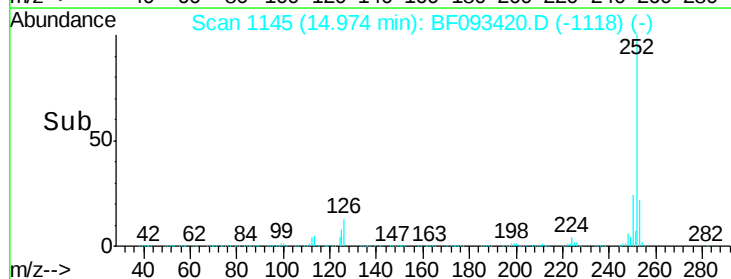
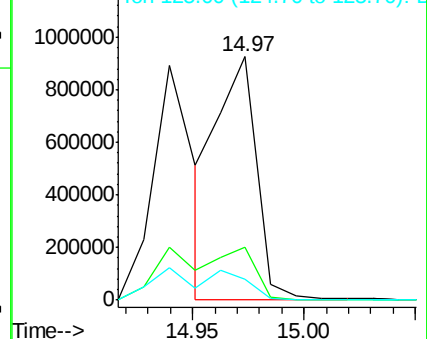
252 100

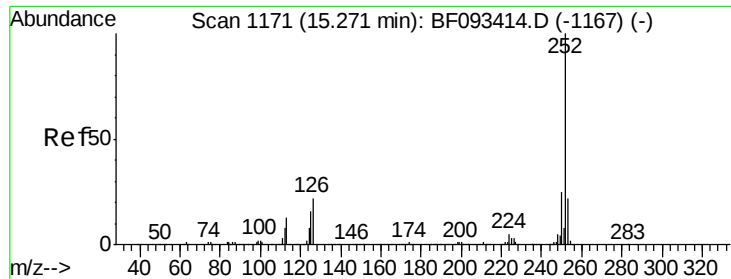
253 21.8 18.5 27.7

125 8.5 8.9 13.3#



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





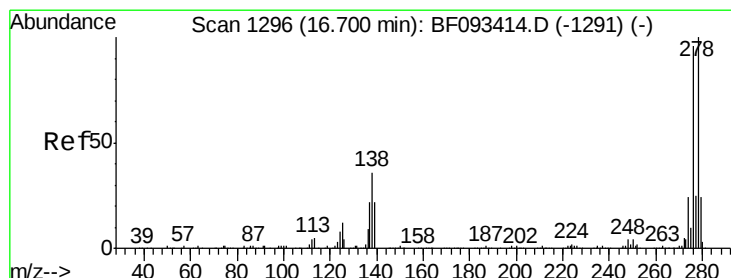
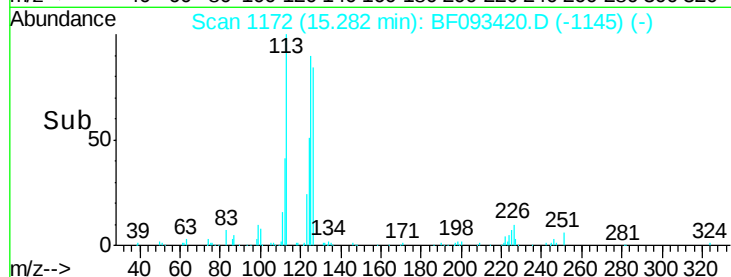
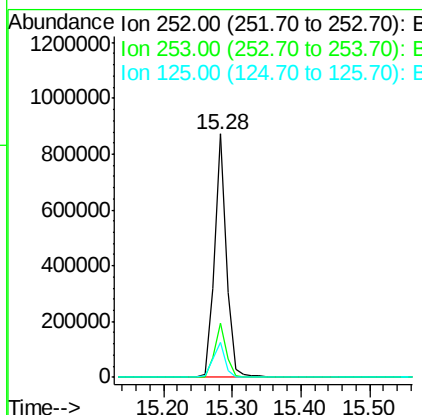
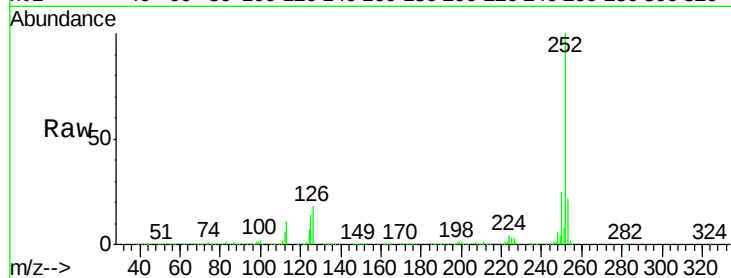
#89
Benzo(a)pyrene
Concen: 38.66 ng
RT: 15.28 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	14.1	10.0	15.0

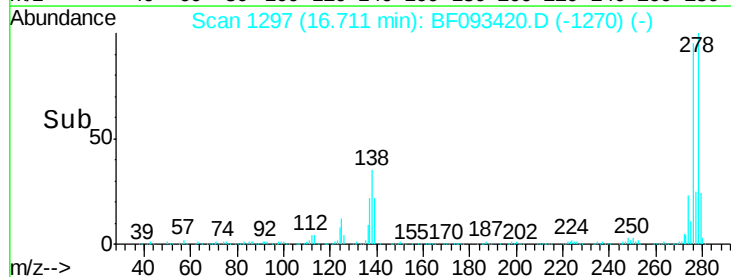
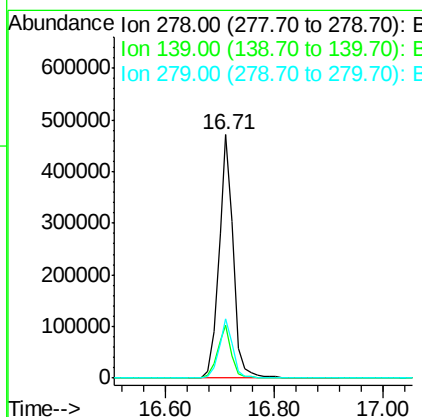
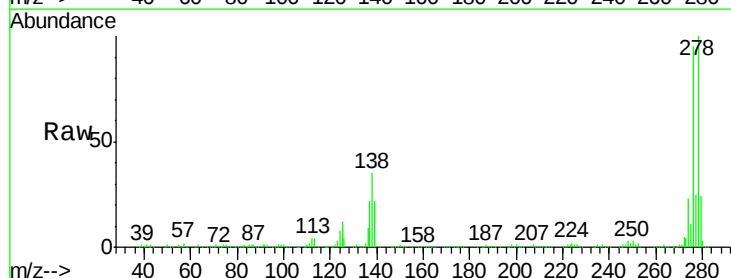
Manual Integrations
APPROVED

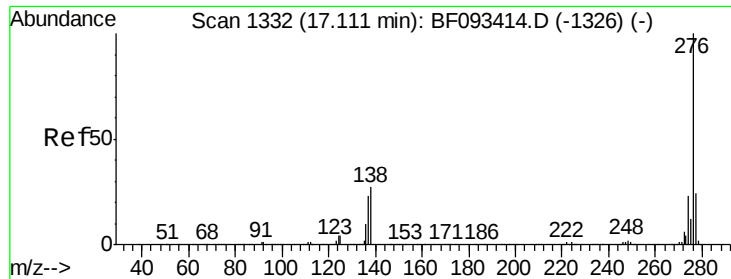
mohammad
3/8/2017 1:45:42 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.98 ng
RT: 16.71 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF093420.D
Acq: 7 Mar 2017 15:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	14.8	22.2
279	24.3	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 38.85 ng
 RT: 17.12 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF093420.D
 Acq: 7 Mar 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	26.6	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 3/8/2017 1:45:42 PM

