

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\
 Data File : BF093417.D
 Acq On : 7 Mar 2017 13:47
 Operator : SJ/MA
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

mohammad
 3/8/2017 1:45:34 PM

Quant Time: Mar 07 15:38:15 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 14:39:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	200053	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	801046	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	421227	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	672182	20.00	ng	0.01
75) Chrysene-d12	13.93	240	492763	20.00	ng	0.01
86) Perylene-d12	15.33	264	383125	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1720882	147.58	ng	0.00
7) Phenol-d6	6.42	99	2073228	138.18	ng	0.01
23) Nitrobenzene-d5	7.35	82	2023135	140.64	ng	0.01
41) 2,4,6-Tribromophenol	10.61	330	416309	136.65	ng	0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	12.87	244	2706096	129.04	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.28	88	519829	82.50	ng	# 85
3) Pyridine	2.96	79	1343452	83.85	ng	87
4) n-Nitrosodimethylamine	2.95	42	671482	89.26	ng	86
6) Aniline	6.44	93	1367682	66.83	ng	# 72
8) 2-Chlorophenol	6.56	128	955950	74.31	ng	94
10) Phenol	6.45	94	1319646	75.18	ng	84
11) bis(2-Chloroethyl)ether	6.52	93	1133210	80.88	ng	97
12) 1,3-Dichlorobenzene	6.70	146	1093250	72.56	ng	# 90
13) 1,4-Dichlorobenzene	6.78	146	1073836	70.42	ng	99
14) 1,2-Dichlorobenzene	6.94	146	891413	61.13	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1619479	66.53	ng	58
17) 2-Methylphenol	7.05	107	824453	74.71	ng	# 88
18) Hexachloroethane	7.27	117	371198	71.30	ng	92
20) 3+4-Methylphenols	7.21	107	966794	73.27	ng	# 71
22) Acetophenone	7.19	105	1360156	74.37	ng	100
24) Nitrobenzene	7.37	77	1270728	86.03	ng	# 89
25) Isophorone	7.61	82	2260064	84.32	ng	98
26) 2-Nitrophenol	7.68	139	588328	83.79	ng	94
27) 2,4-Dimethylphenol	7.73	122	851464	69.05	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	1422231	80.11	ng	99
29) 2,4-Dichlorophenol	7.93	162	821014	71.39	ng	97
30) 1,2,4-Trichlorobenzene	8.00	180	858656	69.28	ng	96
31) Naphthalene	8.08	128	2818058	69.40	ng	98
32) Benzoic acid	7.91	122	591954	94.63	ng	96
33) 4-Chloroaniline	8.14	127	1143653	71.81	ng	98
34) Hexachlorobutadiene	8.18	225	438711	64.34	ng	98
35) Caprolactam	8.55	113	303028m	83.77	ng	
36) 4-Chloro-3-methylphenol	8.64	107	893174	74.49	ng	96
37) 2-Methylnaphthalene	8.77	142	1584442	60.77	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	819027	69.27	ng	99
40) Hexachlorocyclopentadiene	8.92	237	239899	44.97	ng	97
42) 2,4,6-Trichlorophenol	9.05	196	525217	67.60	ng	91
43) 2,4,5-Trichlorophenol	9.11	196	553046	64.97	ng	# 87
45) 1,1'-Biphenyl	9.24	154	1951206	63.97	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	9.26	162	1519028	63.66	nq	96
47) 2-Nitroaniline	9.37	65	672237	83.80	nq	# 83
48) Acenaphthylene	9.67	152	2331147	56.55	nq	99
49) Dimethylphthalate	9.54	163	1971907	69.50	nq	99
50) 2,6-Dinitrotoluene	9.61	165	369667	60.33	nq	# 57
51) Acenaphthene	9.84	154	1368278	55.52	nq	97
52) 3-Nitroaniline	9.78	138	484211	69.05	nq	99
53) 2,4-Dinitrophenol	9.91	184	235976	86.25	nq	# 88
54) Dibenzofuran	10.01	168	1795857	54.48	nq	99
55) 4-Nitrophenol	9.97	139	274842	54.42	nq	94
56) 2,4-Dinitrotoluene	10.02	165	533856	65.44	nq	98
57) Fluorene	10.36	166	1533448	60.47	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	366327	64.51	nq	97
59) Diethylphthalate	10.24	149	1934245	72.34	nq	97
60) 4-Chlorophenyl-phenylether	10.34	204	664653	54.56	nq	93
61) 4-Nitroaniline	10.41	138	584728	81.41	nq	89
62) Azobenzene	10.50	77	2002700	72.50	nq	97
64) 4,6-Dinitro-2-methylphenol	10.44	198	345556	99.36	nq	# 32
65) n-Nitrosodiphenylamine	10.47	169	1536561	71.56	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	469443	66.85	nq	94
67) Hexachlorobenzene	10.90	284	427214	61.56	nq	# 84
68) Atrazine	11.01	200	455415	66.09	nq	98
69) Pentachlorophenol	11.11	266	201938	67.37	nq	98
70) Phenanthrene	11.32	178	2213506	57.48	nq	100
71) Anthracene	11.37	178	2654424	68.64	nq	99
72) Carbazole	11.53	167	2492432	67.42	nq	99
73) Di-n-butylphthalate	11.85	149	2877381	71.97	nq	# 98
74) Fluoranthene	12.50	202	2423639	61.01	nq	97
77) Pvrene	12.73	202	2444813	66.30	nq	99
79) Butylbenzylphthalate	13.34	149	1092213	72.93	nq	97
80) Benzo(a)anthracene	13.92	228	1980473	65.71	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	681909	63.47	nq	# 95
82) Chrysene	13.96	228	1793903	63.57	nq	100
83) Bis(2-ethylhexyl)phthalate	13.90	149	1421909	69.43	nq	# 97
84) Di-n-octyl phthalate	14.51	149	2439408	73.15	nq	100
85) Indeno(1,2,3-cd)pyrene	16.72	276	1583514	72.45	nq	# 94
87) Benzo(b)fluoranthene	14.94	252	1697203m	67.30	nq	
88) Benzo(k)fluoranthene	14.97	252	1678597m	77.09	nq	
89) Benzo(a)pyrene	15.28	252	1519306	69.65	nq	98
90) Dibenzo(a,h)anthracene	16.72	278	1346413	76.37	nq	98
91) Benzo(g,h,i)perylene	17.12	276	1441013	80.91	nq	# 90

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

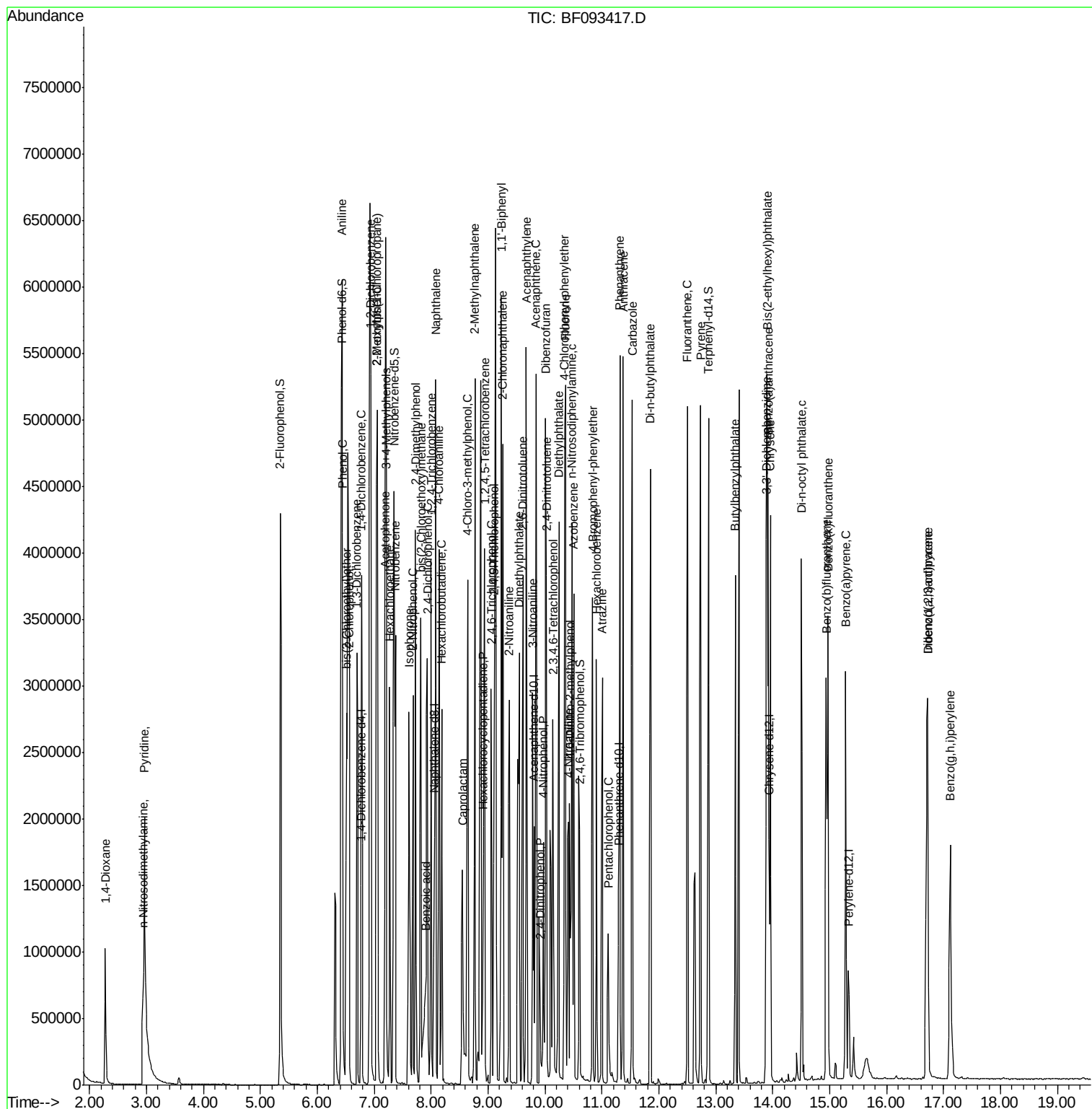
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\  
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Acq On    : 7 Mar 2017 13:47  
Operator  : SJ/MA  
Sample    : SSTDICC080  
Misc      :  
ALS Vial  : 8 Sample Multiplier: 1
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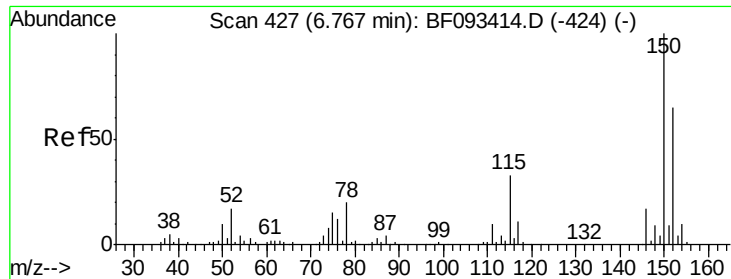
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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#1

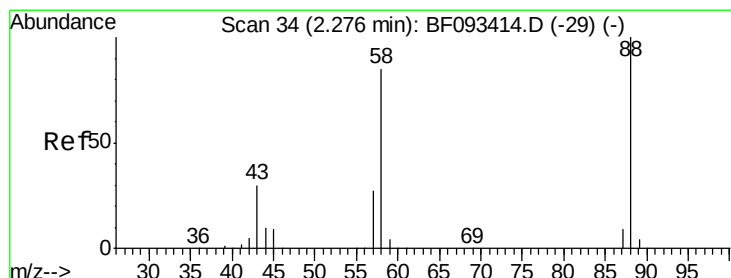
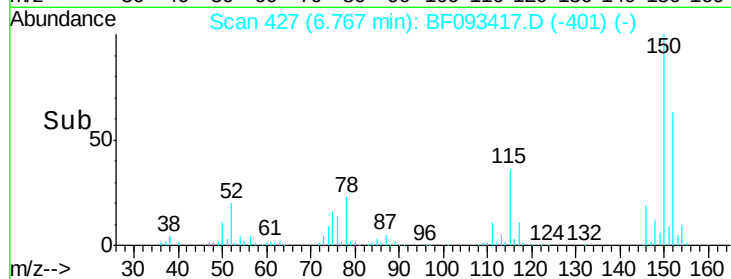
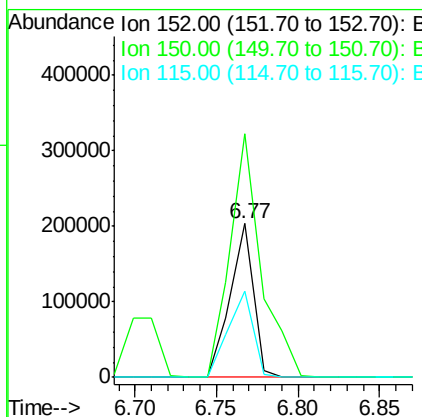
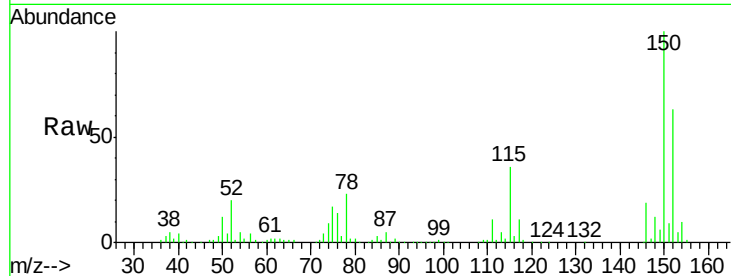
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.9	187.3
115	56.5	46.0	69.0

Manual Integrations
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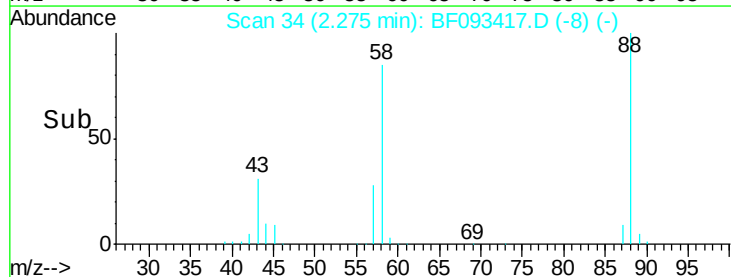
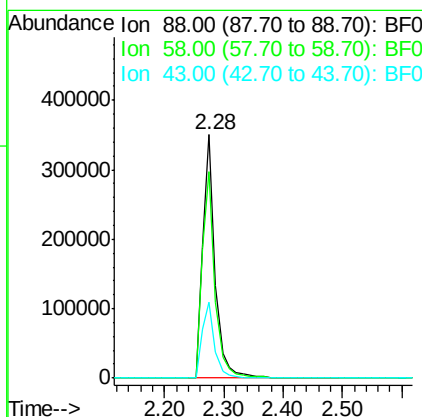
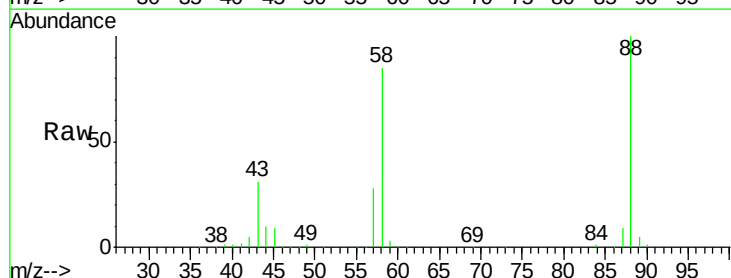
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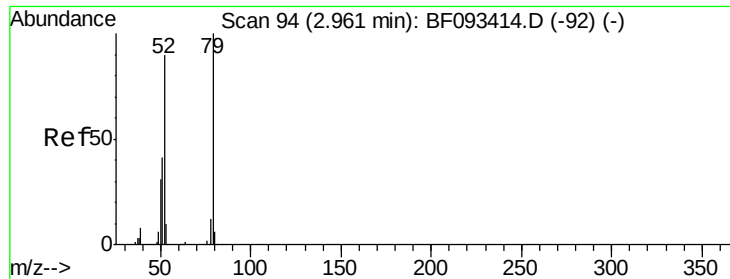


#2

1,4-Dioxane
Concen: 82.50 ng
RT: 2.28 min Scan# 34
Delta R.T. -0.00 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.9	57.8	86.8#
43	32.2	22.3	33.5





#3

Pvridine

Concen: 83.85 ng

RT: 2.96 min Scan# 94

Delta R.T. -0.00 min

Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

Instrument :

BNA_F

ClientSampled :

SSTDICC080

Tot Ion: 79 Resp: 1343452

Ion Ratio Lower Upper

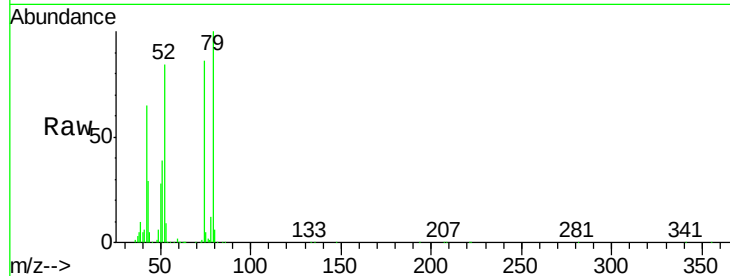
79 100

52 84.2 57.1 85.7

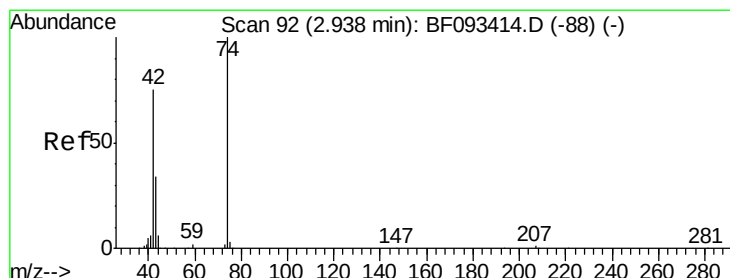
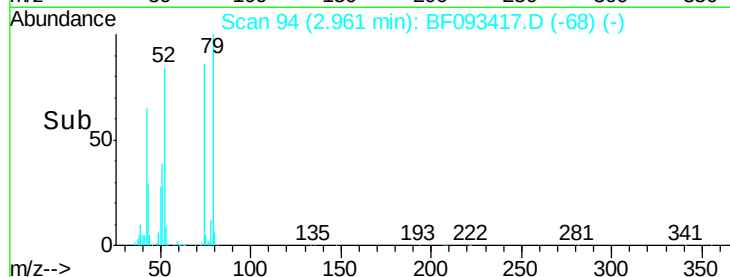
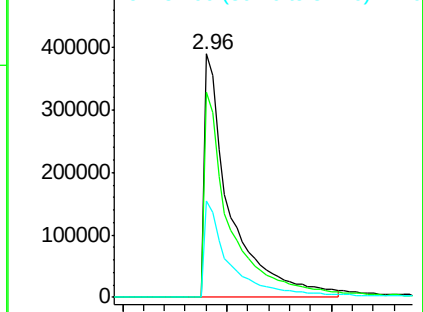
51 39.4 27.3 40.9

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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 89.26 ng

RT: 2.95 min Scan# 93

Delta R.T. 0.01 min

Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

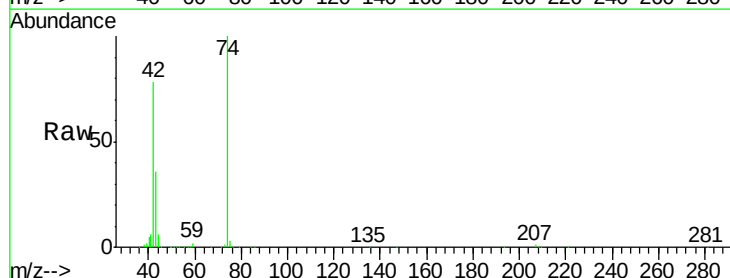
Tgt Ion: 42 Resp: 671482

Ion Ratio Lower Upper

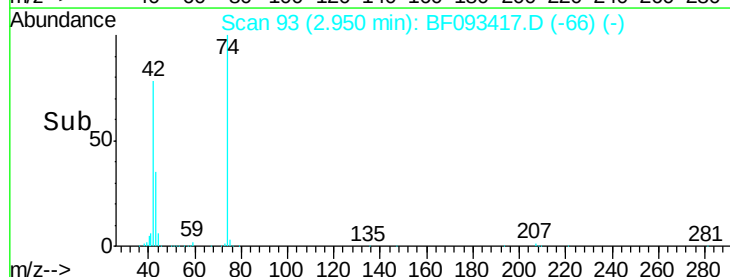
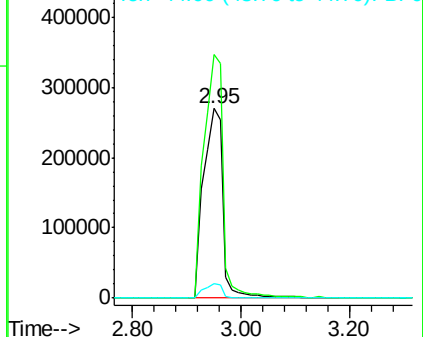
42 100

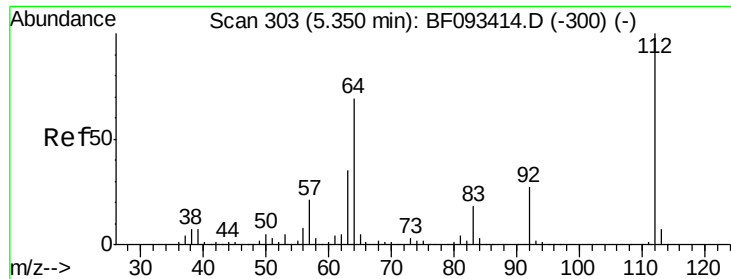
74 128.3 117.0 175.4

44 7.4 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 147.58 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

Instrument :

BNA_F

ClientSampleId :

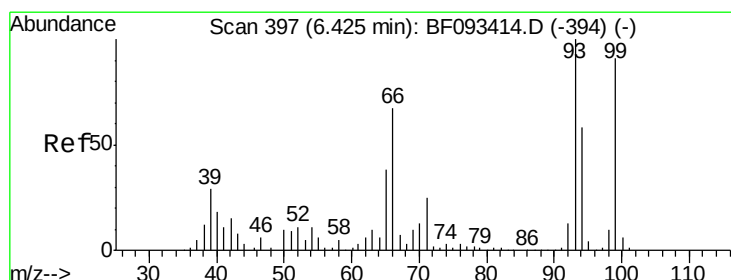
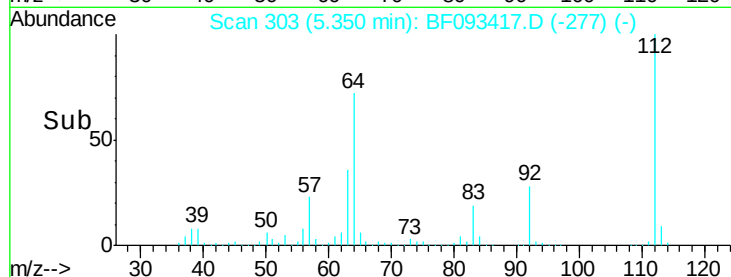
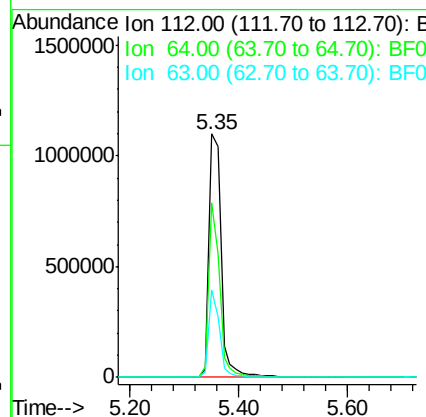
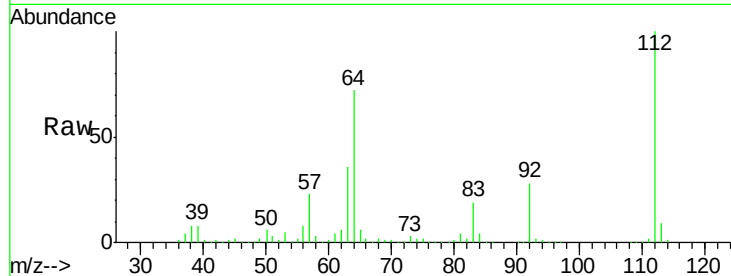
SSTDICC080

Tot Ion:112 Resp: 1720882

Ion	Ratio	Lower	Upper
112	100		
64	71.8	46.1	69.1#
63	36.1	23.8	35.6#

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#6

Aniline

Concen: 66.83 ng

RT: 6.44 min Scan# 398

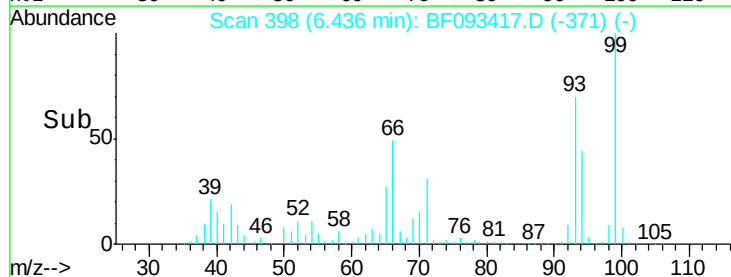
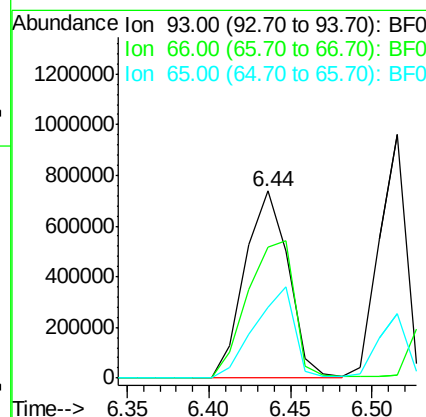
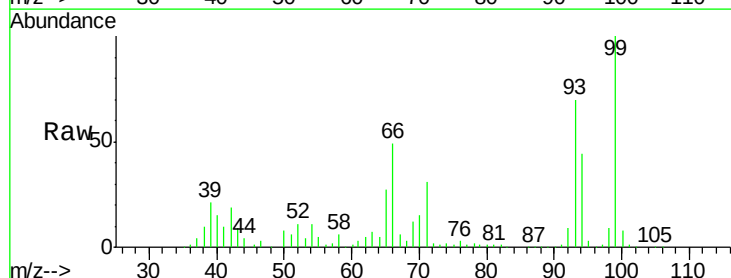
Delta R.T. 0.01 min

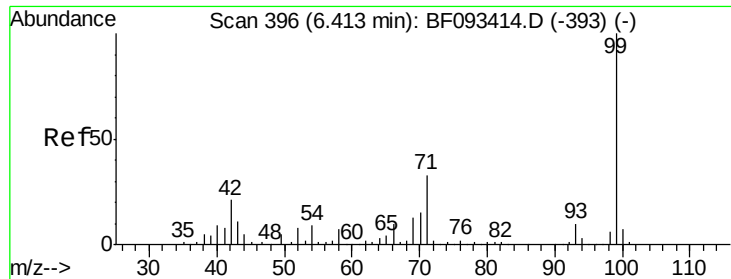
Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

Tgt Ion: 93 Resp: 1367682

Ion	Ratio	Lower	Upper
93	100		
66	70.3	76.2	114.2#
65	38.1	49.3	73.9#





#7

Phenol-d6

Concen: 138.18 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 99 Resp: 2073228

Ion Ratio Lower Upper

99 100

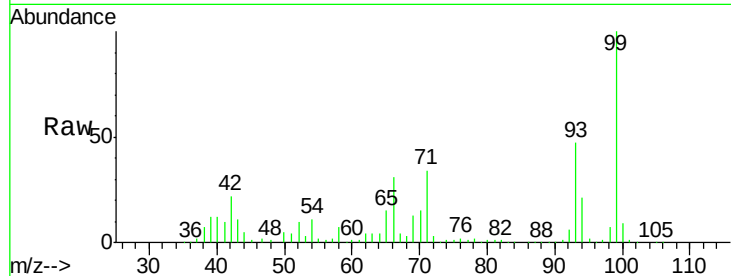
42 21.6 15.6 23.4

71 33.8 27.5 41.3

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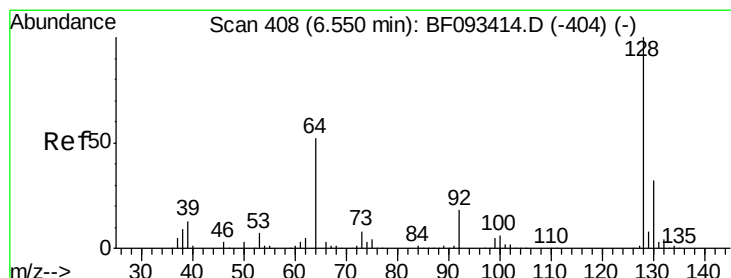
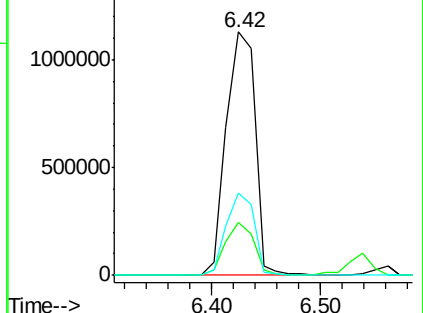
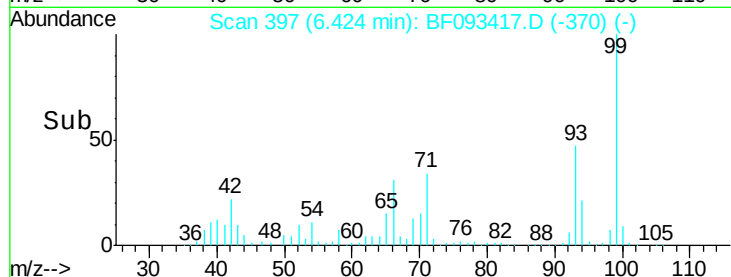
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 74.31 ng

RT: 6.56 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

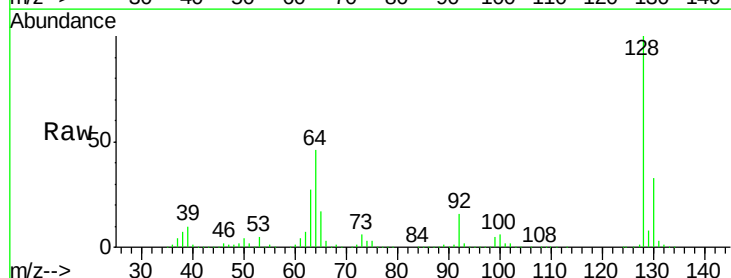
Tgt Ion: 128 Resp: 955950

Ion Ratio Lower Upper

128 100

130 33.4 12.3 52.3

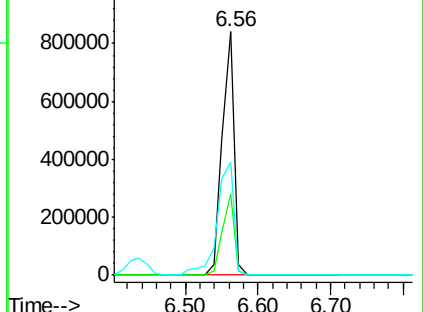
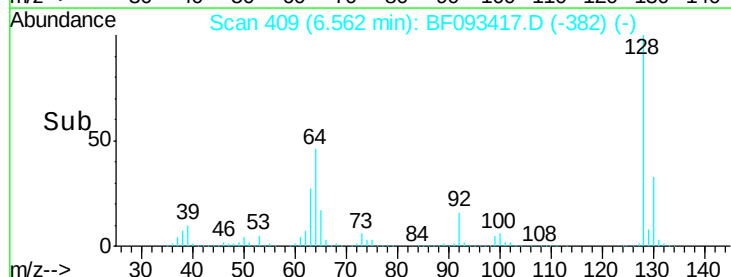
64 46.4 32.2 72.2

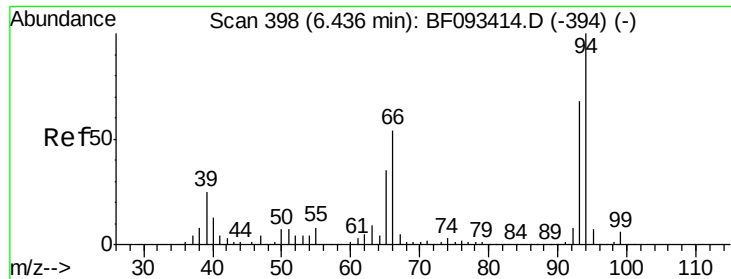


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 75.18 ng

RT: 6.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 94 Resp: 1319646

Ion Ratio Lower Upper

94 100

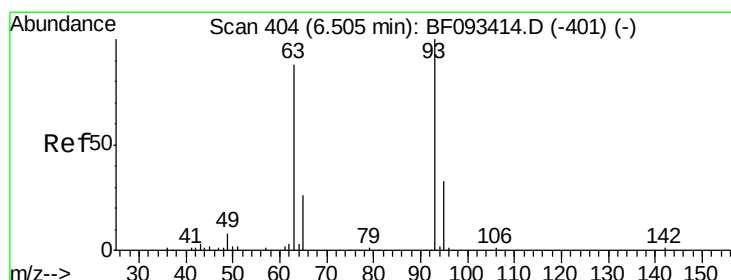
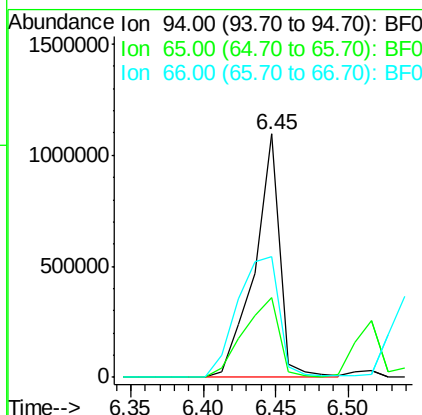
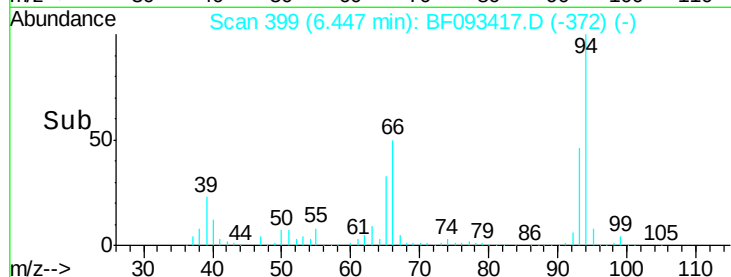
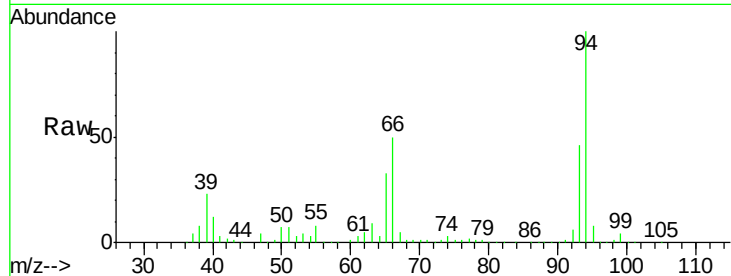
65 33.0 21.4 61.4

66 49.5 44.0 84.0

Manual Integrations
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#11

bis(2-Chloroethyl)ether

Concen: 80.88 ng

RT: 6.52 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

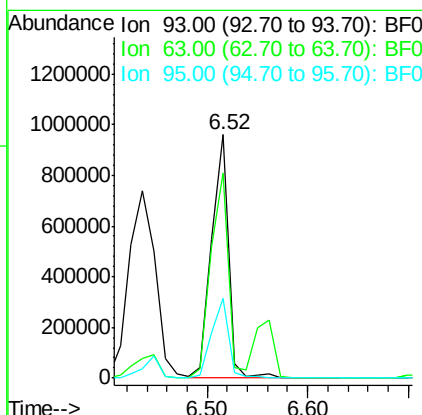
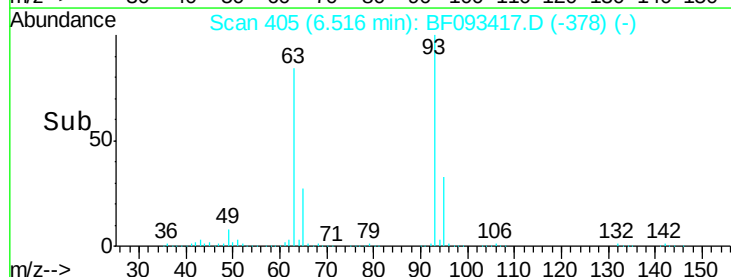
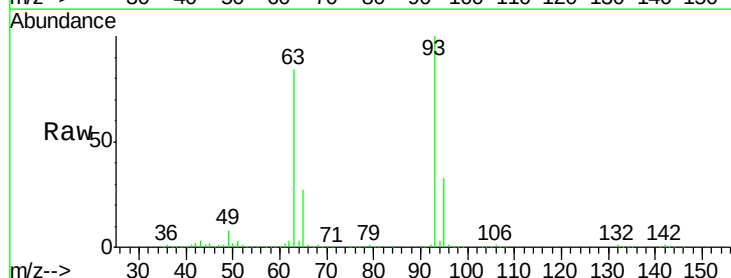
Tgt Ion: 93 Resp: 1133210

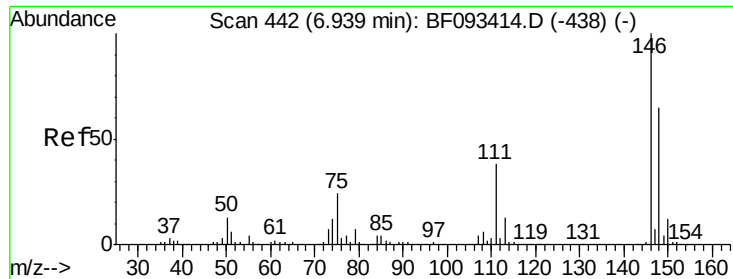
Ion Ratio Lower Upper

93 100

63 84.2 60.4 100.4

95 33.0 12.8 52.8





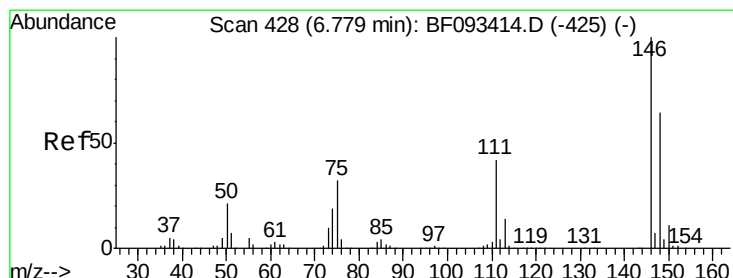
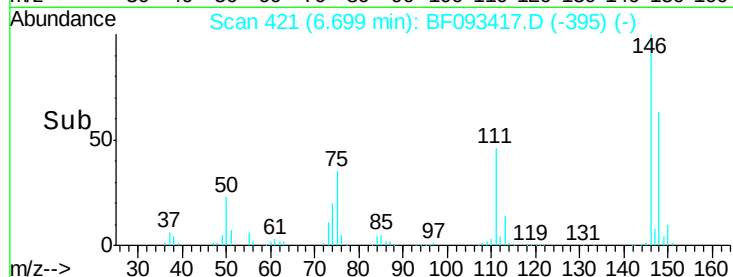
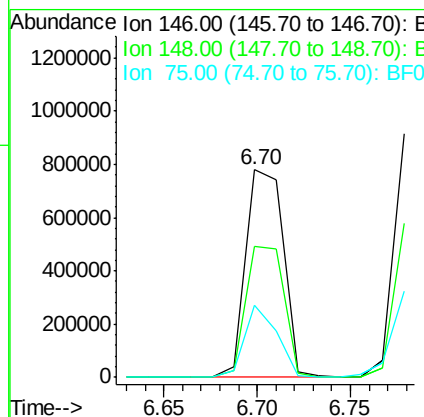
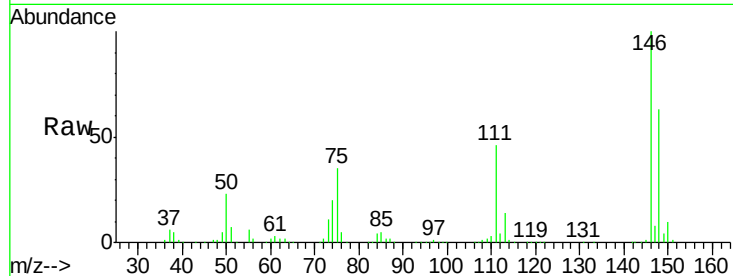
#12
 1,3-Dichlorobenzene
 Concen: 72.56 ng
 RT: 6.70 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BF093417.D
 Acq: 7 Mar 2017 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:146 Resp: 1093250
 Ion Ratio Lower Upper
 146 100
 148 63.1 53.4 80.0
 75 34.9 18.5 27.7#

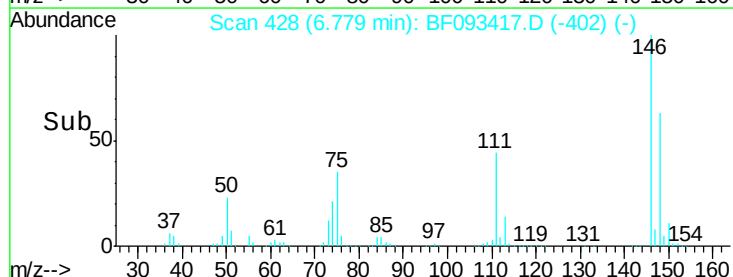
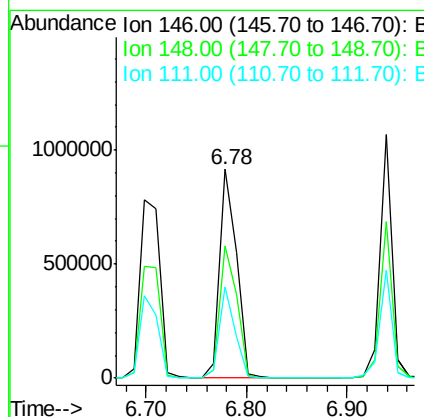
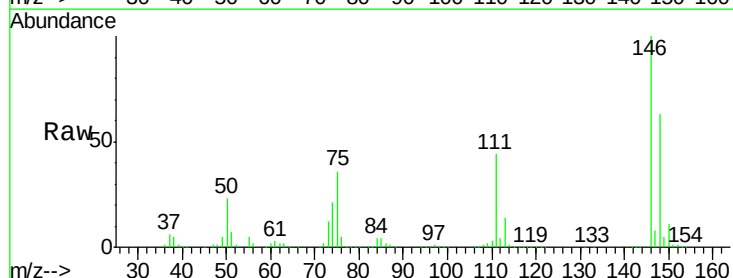
Manual Integrations
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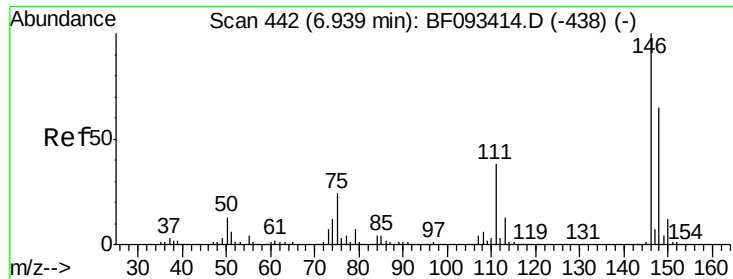
mohammad
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#13
 1,4-Dichlorobenzene
 Concen: 70.42 ng
 RT: 6.78 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF093417.D
 Acq: 7 Mar 2017 13:47

Tgt Ion:146 Resp: 1073836
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 76.0
 111 44.0 36.2 54.4





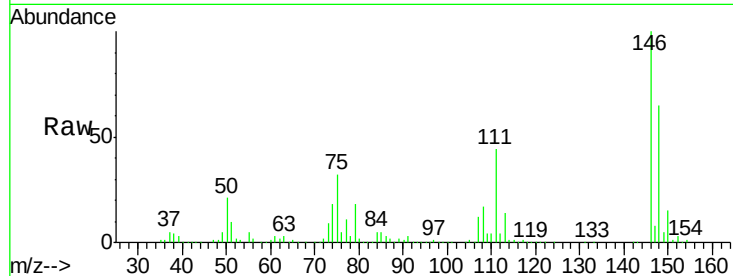
#14
 1,2-Dichlorobenzene
 Concen: 61.13 ng
 RT: 6.94 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF093417.D
 Acq: 7 Mar 2017 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

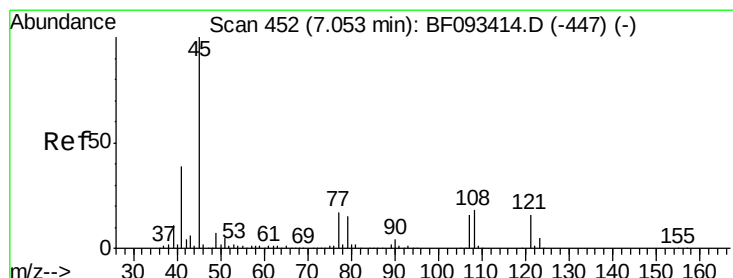
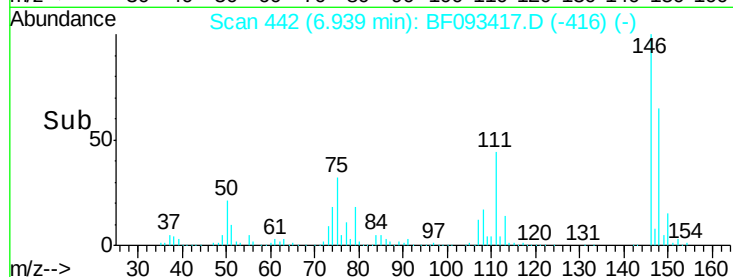
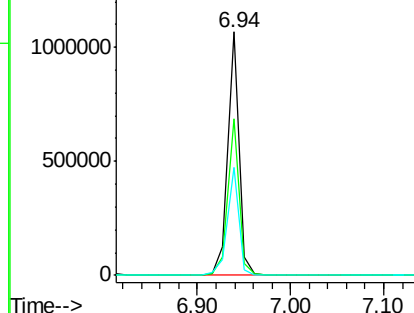
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.2
111	44.1	36.2	54.2

Manual Integrations
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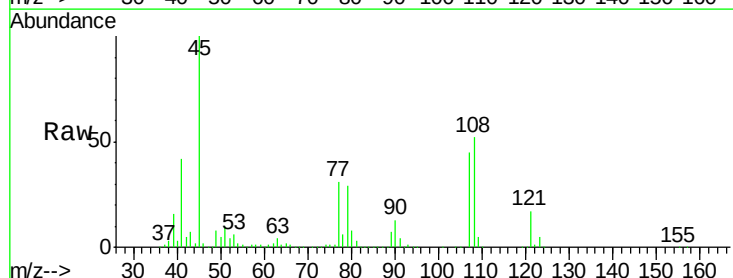


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

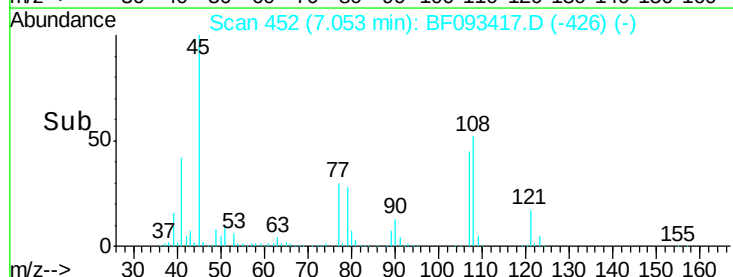
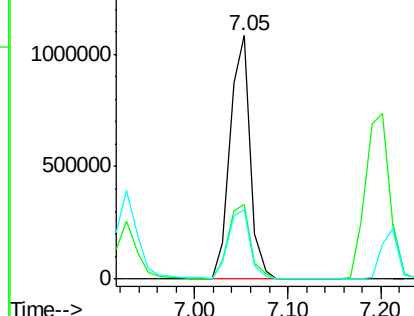


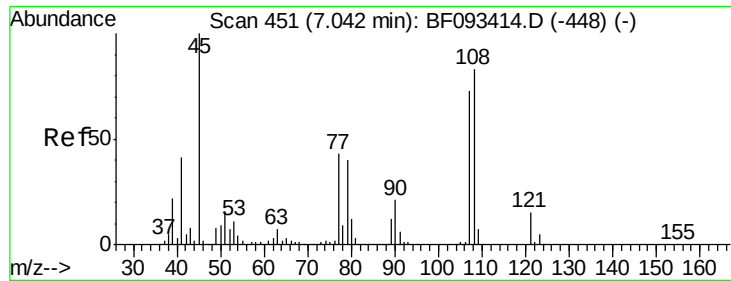
#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 66.53 ng
 RT: 7.05 min Scan# 452
 Delta R.T. -0.00 min
 Lab File: BF093417.D
 Acq: 7 Mar 2017 13:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	30.6	0.0	34.6
79	28.5	0.0	31.2



Abundance Ion 45.00 (44.70 to 45.70): BF0
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0





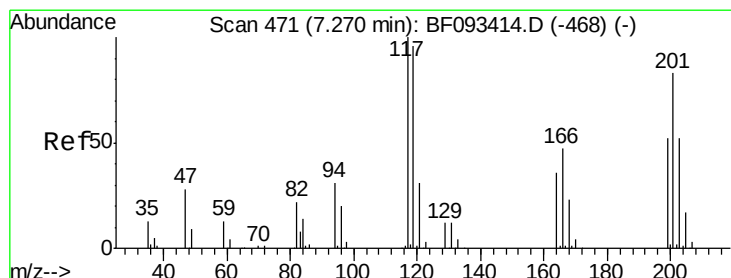
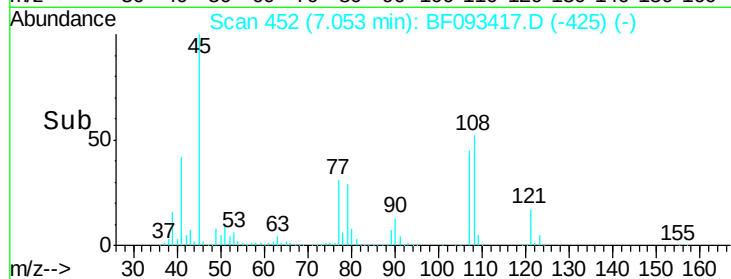
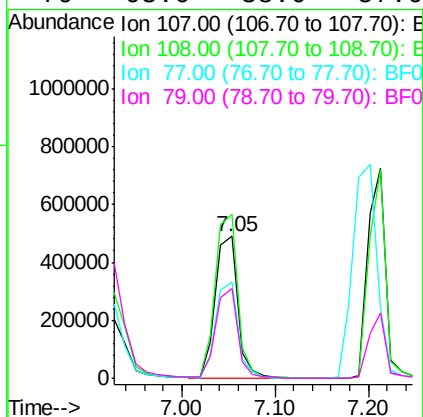
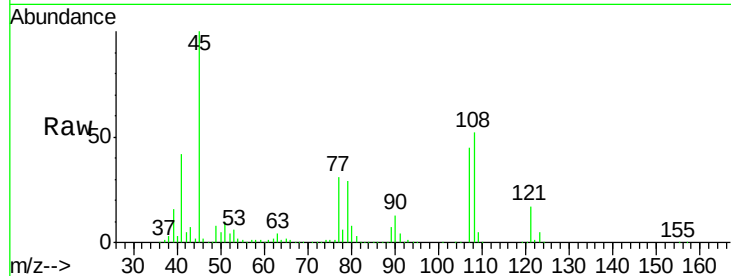
#17
2-Methylphenol
Concen: 74.71 ng
RT: 7.05 min Scan# 452
Delta R.T. 0.01 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
107	100	824453		
108	115.5	93.0	139.6	
77	67.5	39.8	59.8	
79	63.0	38.0	57.0	

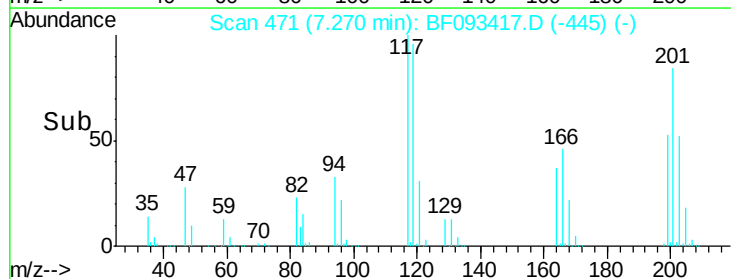
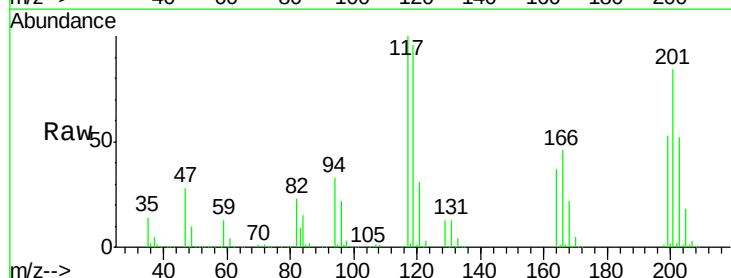
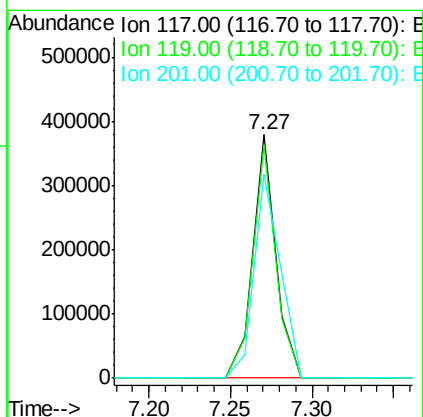
Manual Integrations
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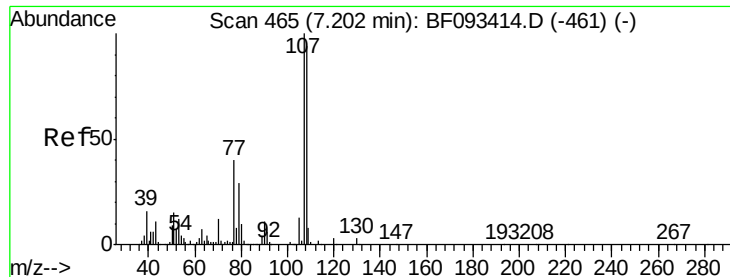
mohammad
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#18
Hexachloroethane
Concen: 71.30 ng
RT: 7.27 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	371198		
119	95.6	78.1	117.1	
201	83.8	78.6	117.8	





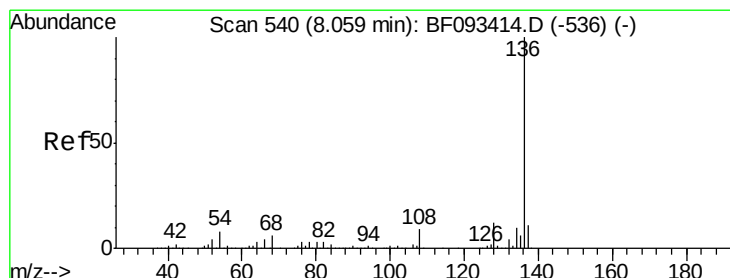
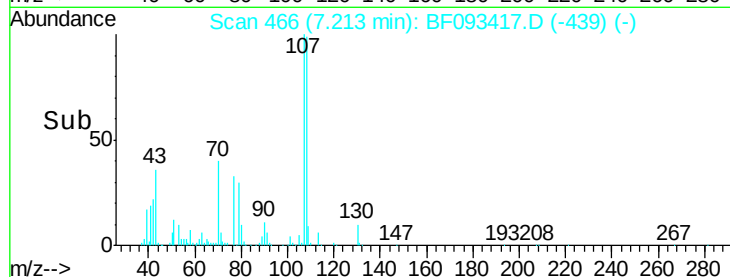
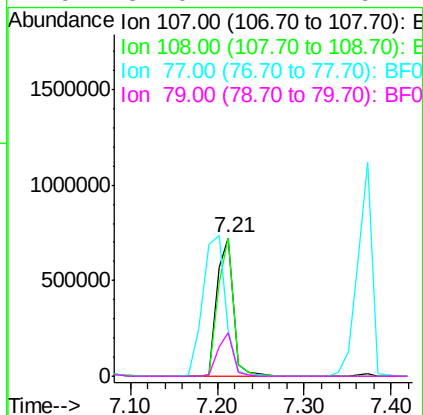
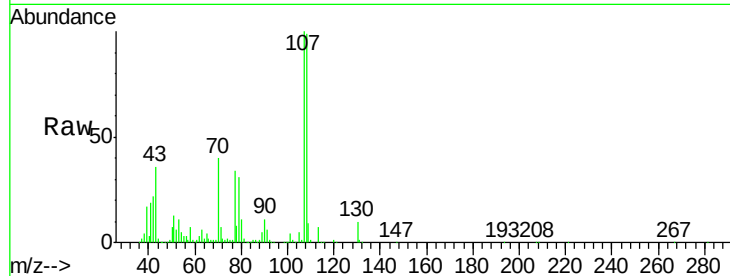
#20
3+4-Methylphenols
Concen: 73.27 ng
RT: 7.21 min Scan# 466
Delta R.T. 0.01 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	966794		
108	108	99.3		73.0	113.0
77	77	33.7		71.3	111.3#
79	79	31.0		11.1	51.1

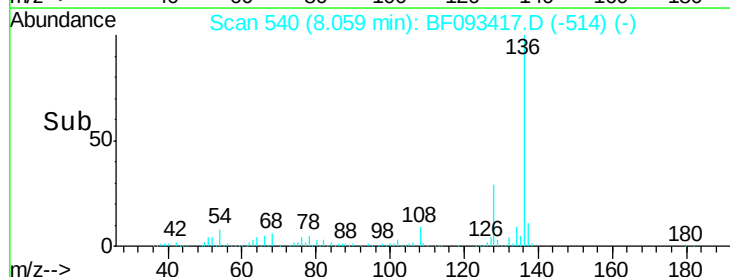
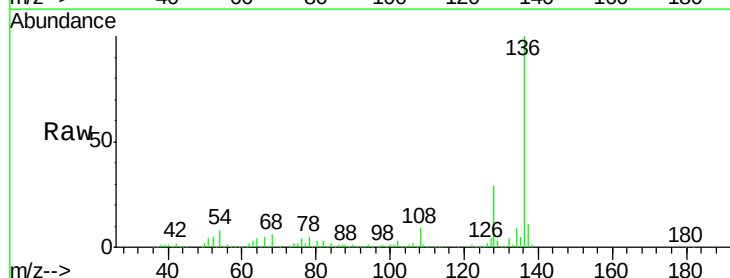
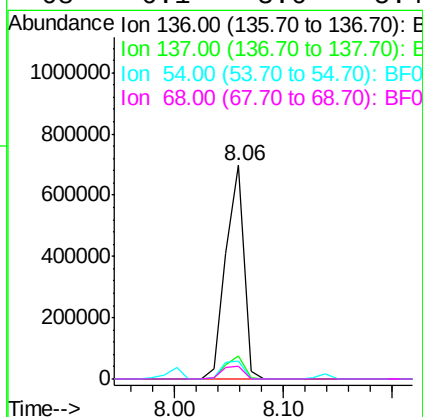
Manual Integrations
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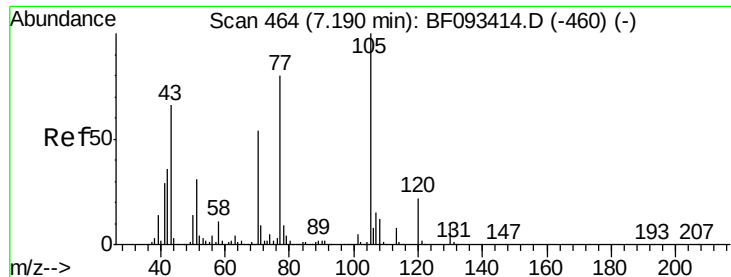
mohammad
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	801046		
137	137	10.7		8.4	12.6
54	54	8.2		4.5	6.7#
68	68	6.1		3.6	5.4#





#22

Acetophenone

Concen: 74.37 ng

RT: 7.19 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:105 Resp: 1360156

Ion Ratio Lower Upper

105 100

71 3.3 3.2 4.8

51 32.8 26.2 39.4

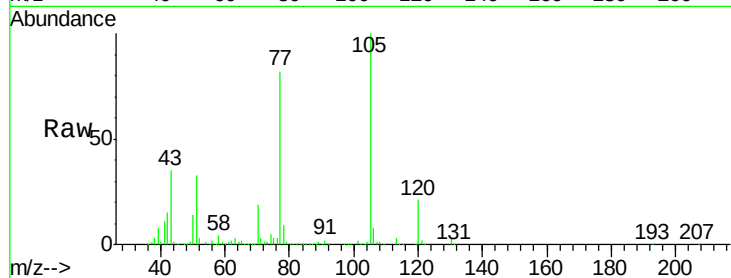
120 21.1 16.6 24.8

Manual Integrations

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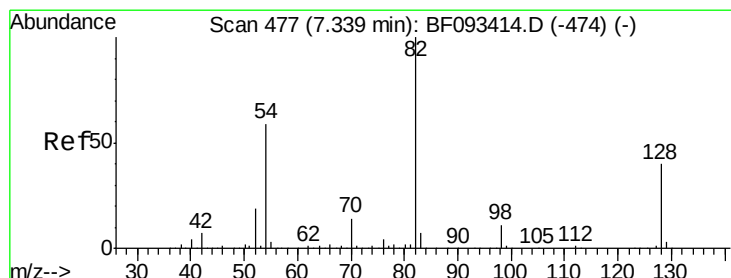
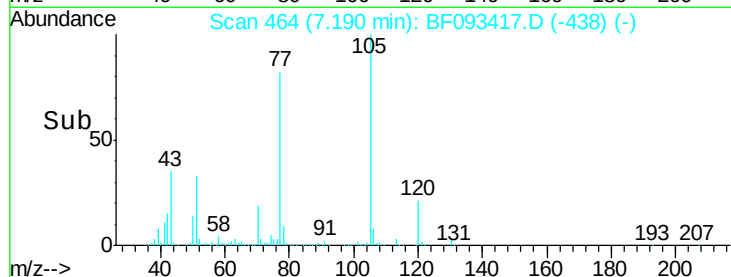
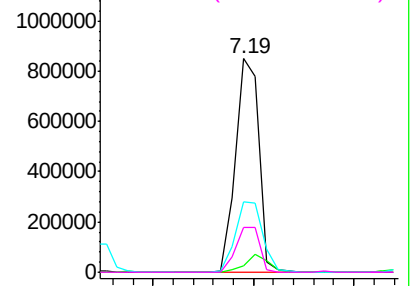


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 140.64 ng

RT: 7.35 min Scan# 478

Delta R.T. 0.01 min

Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

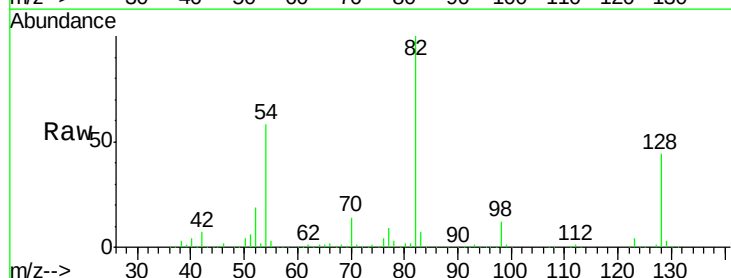
Tgt Ion: 82 Resp: 2023135

Ion Ratio Lower Upper

82 100

128 44.1 34.6 52.0

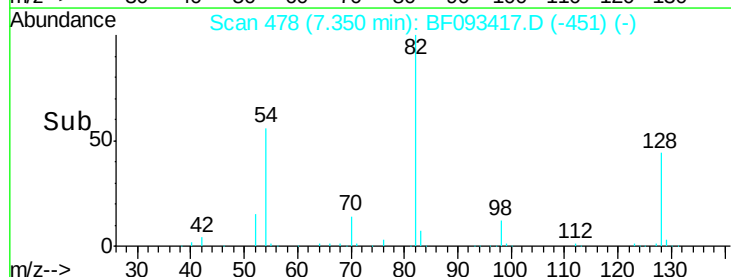
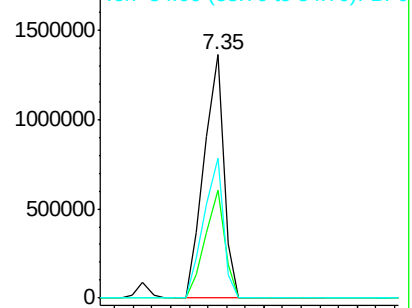
54 57.6 39.5 59.3

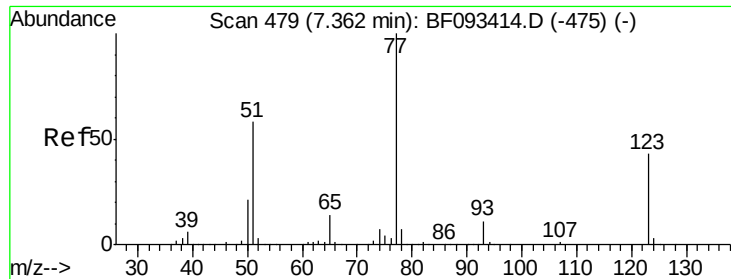


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





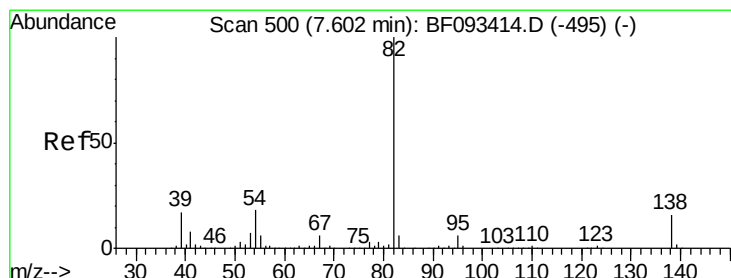
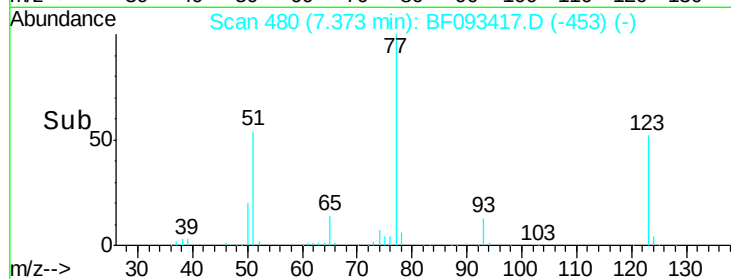
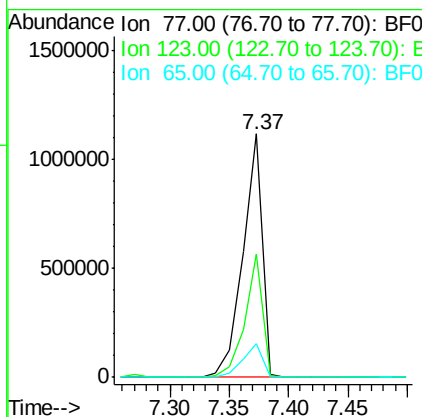
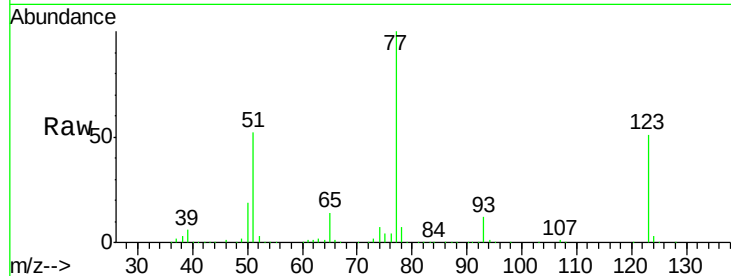
#24
Nitrobenzene
Concen: 86.03 ng
RT: 7.37 min Scan# 480
Delta R.T. 0.01 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion: 77 Resp: 1270728
Ion Ratio Lower Upper
77 100
123 50.5 33.0 49.4#
65 13.7 11.2 16.8

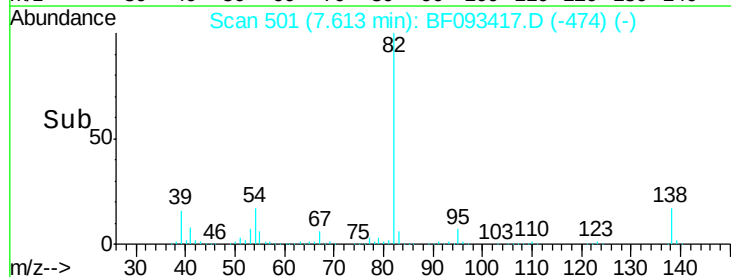
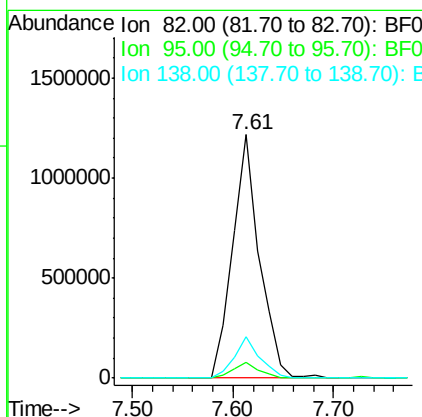
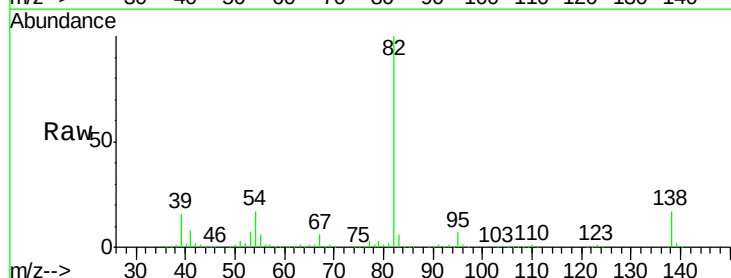
Manual Integrations
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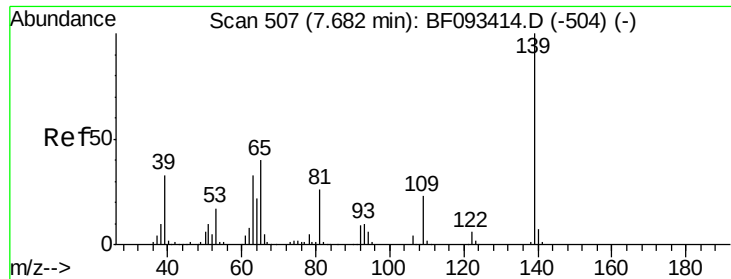
mohammad
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#25
Isophorone
Concen: 84.32 ng
RT: 7.61 min Scan# 501
Delta R.T. 0.01 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Tgt Ion: 82 Resp: 2260064
Ion Ratio Lower Upper
82 100
95 6.6 5.6 8.4
138 17.1 14.6 22.0





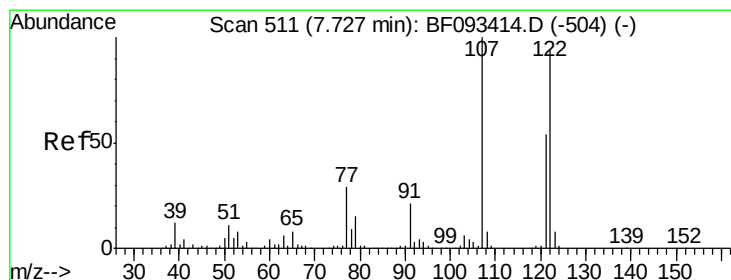
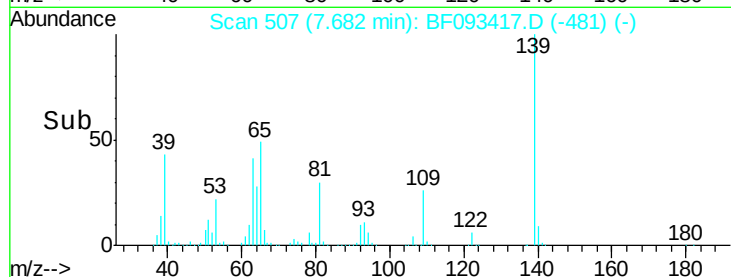
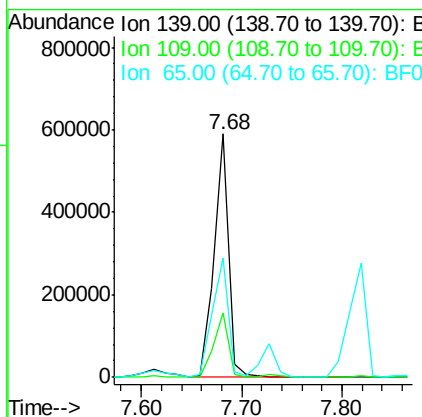
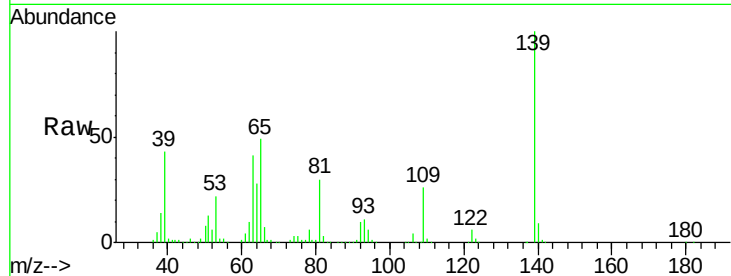
#26
2-Nitrophenol
Concen: 83.79 ng
RT: 7.68 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
139	100	588328		
109	26.2	23.3	34.9	
65	49.0	42.7	64.1	

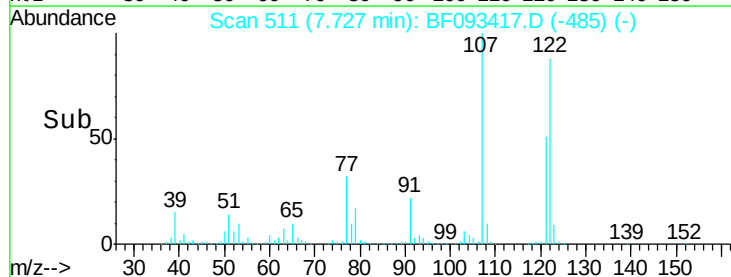
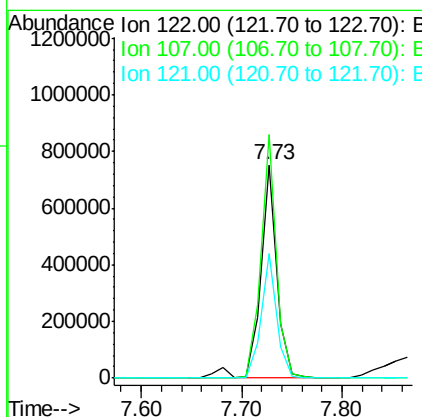
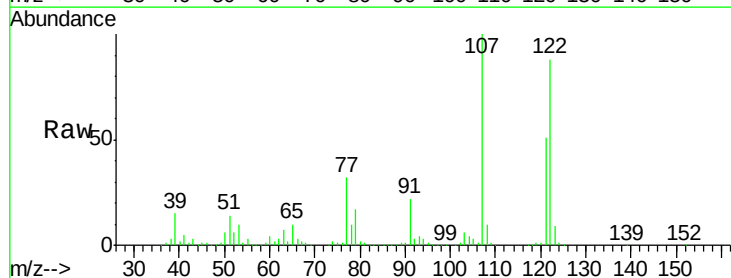
Manual Integrations
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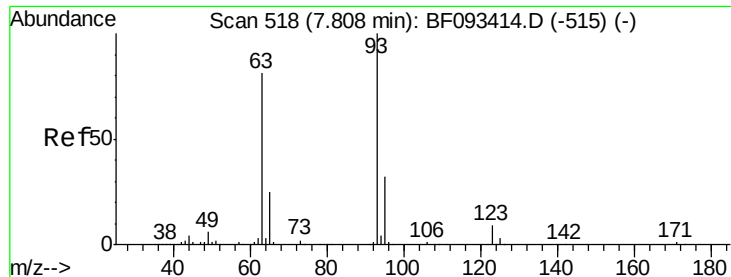
mohammad
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#27
2,4-Dimethylphenol
Concen: 69.05 ng
RT: 7.73 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	851464		
107	114.3	94.1	141.1	
121	58.7	46.0	69.0	





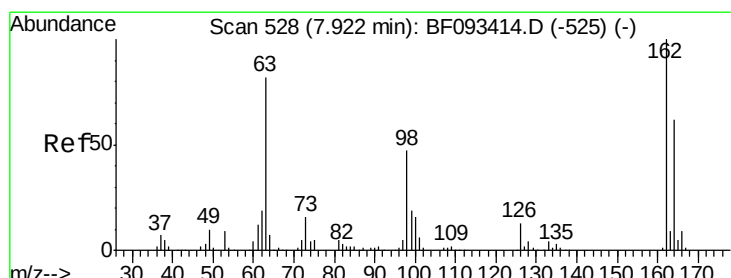
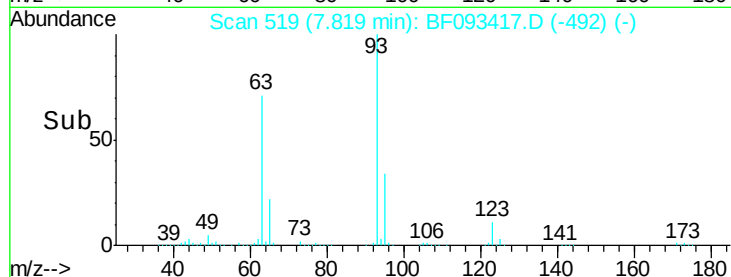
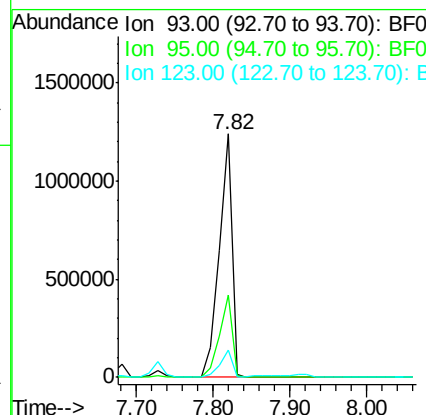
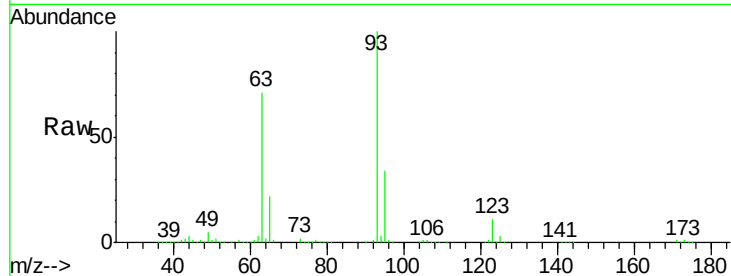
#28
 bis(2-Chloroethoxy)methane
 Concen: 80.11 ng
 RT: 7.82 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: BF093417.D
 Acq: 7 Mar 2017 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.5	39.7
123	11.0	8.6	13.0

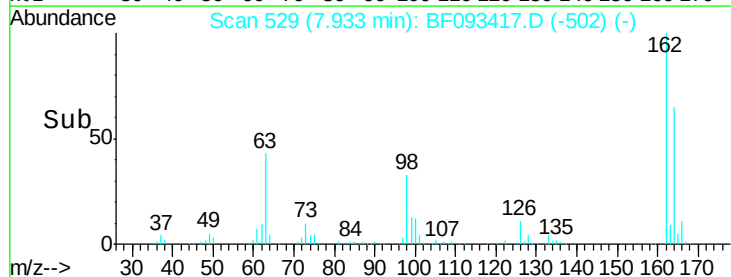
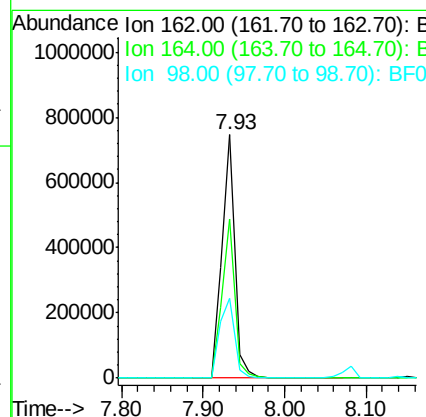
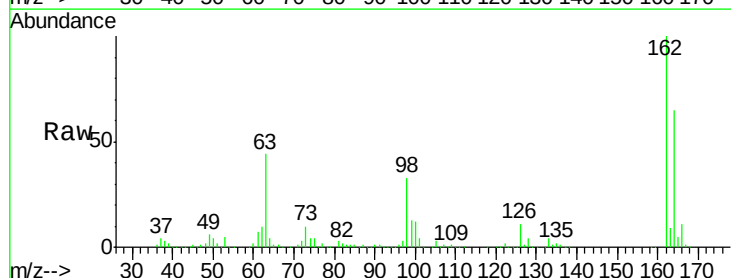
Manual Integrations
 APPROVED

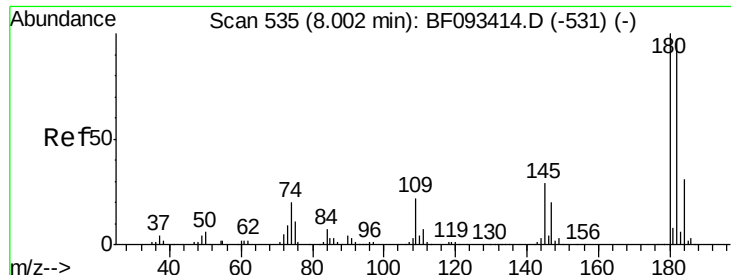
mohammad
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#29
 2,4-Dichlorophenol
 Concen: 71.39 ng
 RT: 7.93 min Scan# 529
 Delta R.T. 0.01 min
 Lab File: BF093417.D
 Acq: 7 Mar 2017 13:47

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.2	46.8	86.8
98	32.5	9.1	49.1





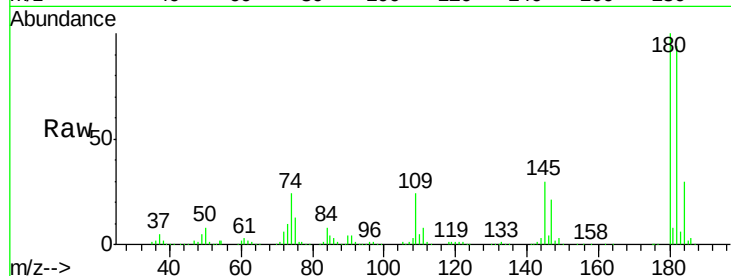
#30
1,2,4-Trichlorobenzene
Concen: 69.28 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

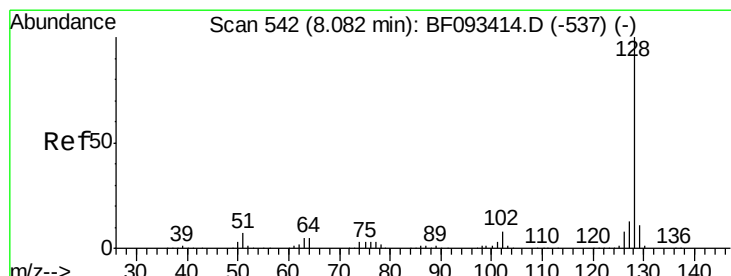
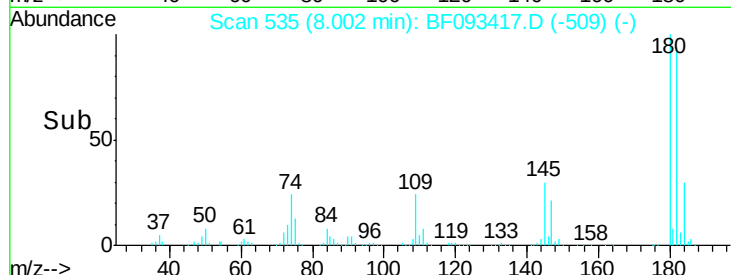
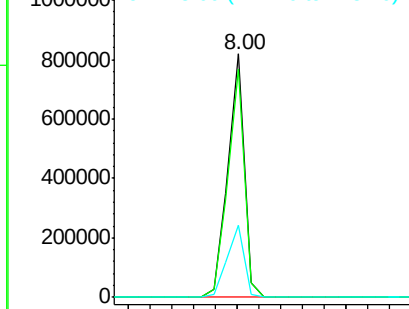
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	78.2	117.4
145	29.8	21.6	32.4

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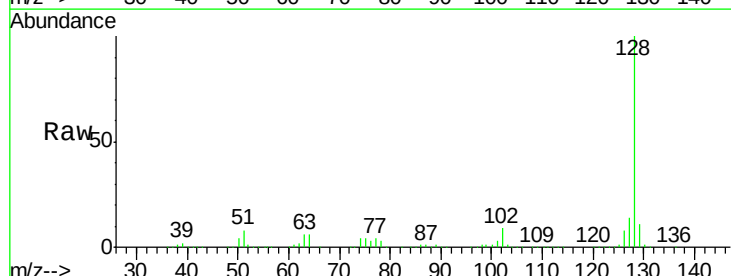


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

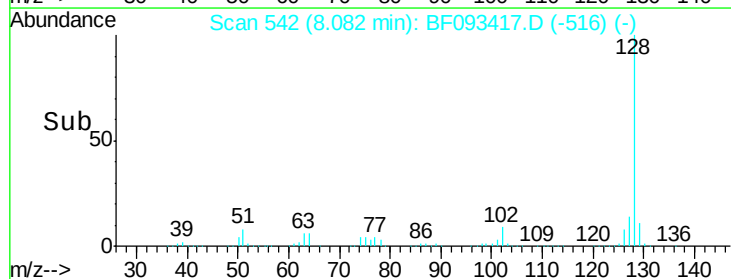
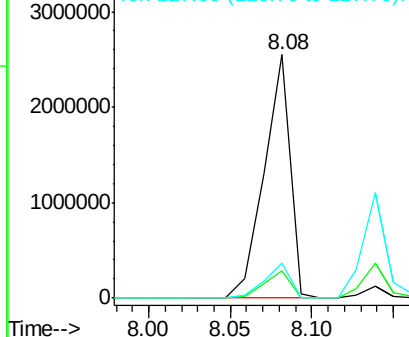


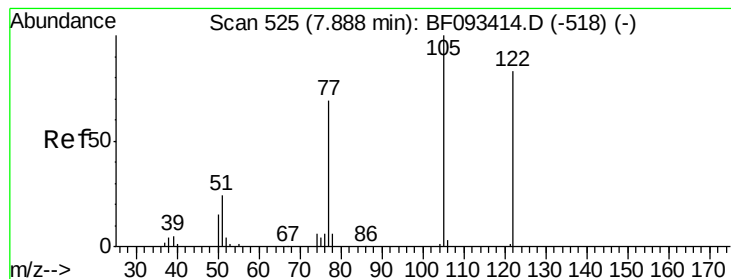
#31
Naphthalene
Concen: 69.40 ng
RT: 8.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.5	14.3
127	14.2	10.8	16.2



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: 94.63 ng

RT: 7.91 min Scan# 527

Delta R.T. 0.02 min

Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

Instrument :

BNA_F

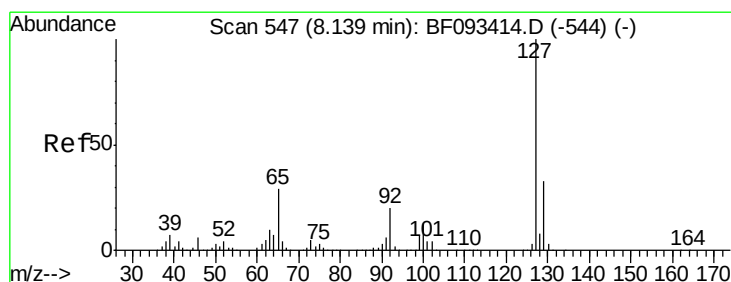
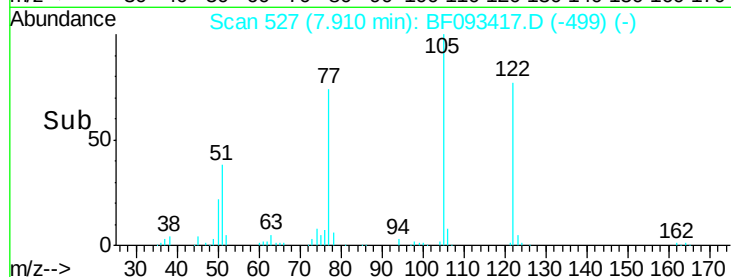
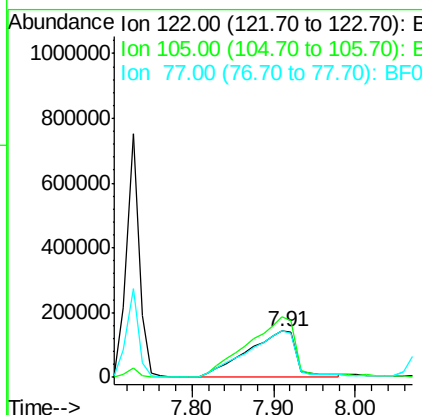
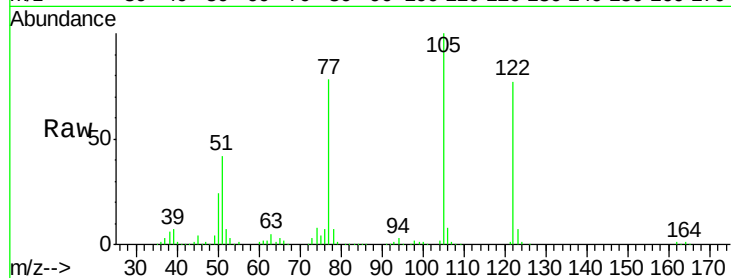
ClientSampleId :

SSTDICC080

Tot Ion:	122	Resp:	591954
Ion Ratio	Lower	Upper	
122	100		
105	129.9	107.2	147.2
77	101.6	74.5	114.5

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#33

4-Chloroaniline

Concen: 71.81 ng

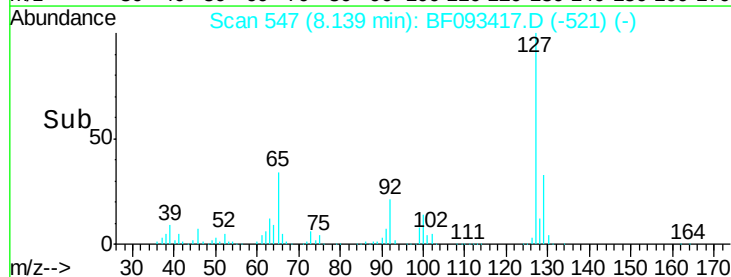
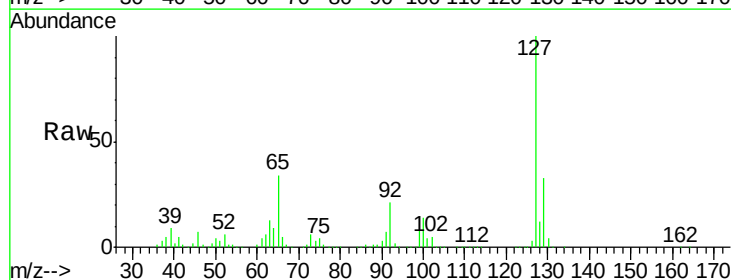
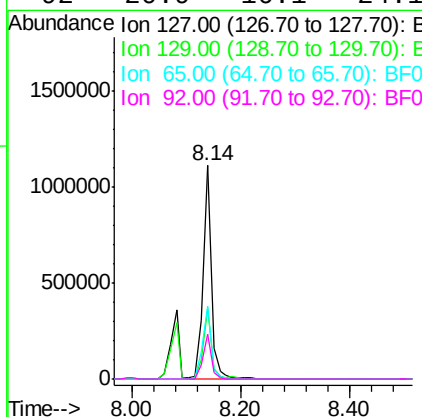
RT: 8.14 min Scan# 547

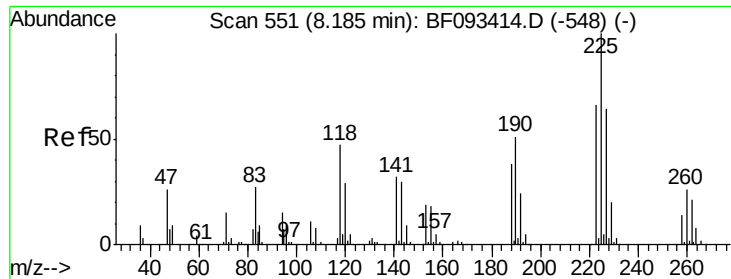
Delta R.T. -0.00 min

Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

Tgt Ion:	127	Resp:	1143653
Ion Ratio	Lower	Upper	
127	100		
129	33.1	26.3	39.5
65	34.3	25.8	38.8
92	20.9	16.1	24.1





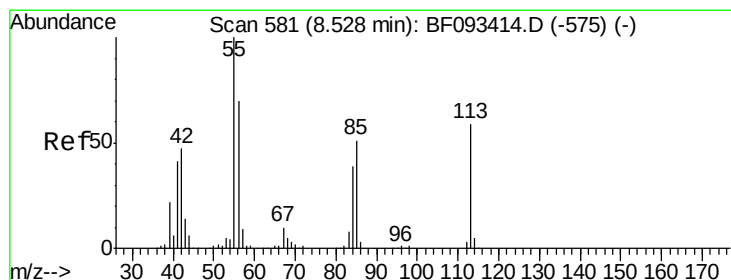
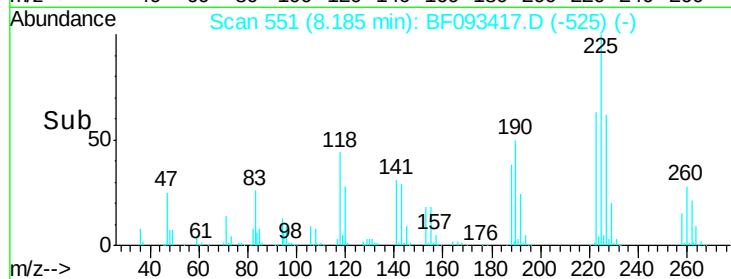
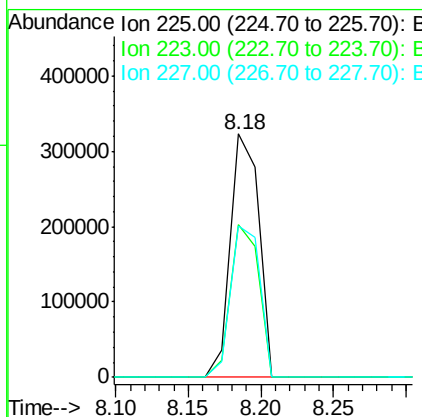
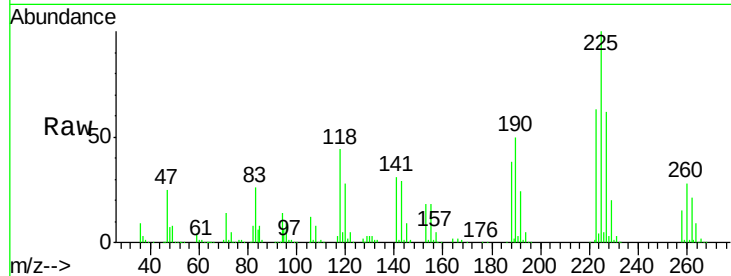
#34
Hexachlorobutadiene
Concen: 64.34 ng
RT: 8.18 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.0	76.6
227	62.0	50.6	76.0

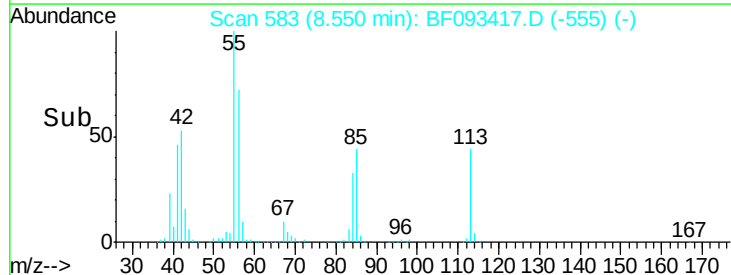
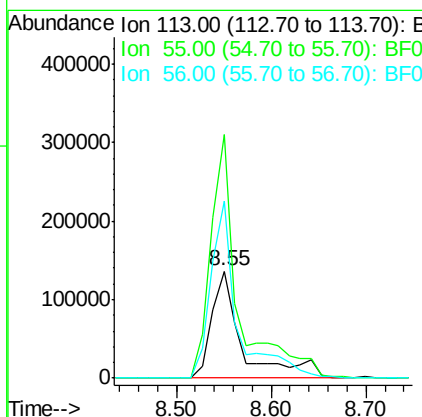
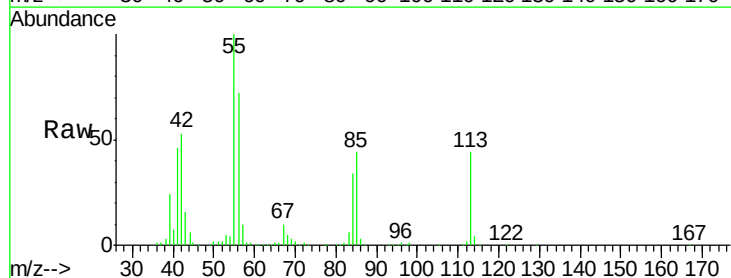
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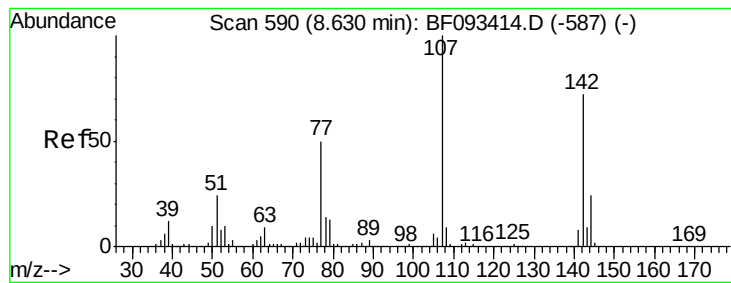
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#35
Caprolactam
Concen: 83.77 ng m
RT: 8.55 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Tgt Ion	Ratio	Lower	Upper
113	100		
55	228.1	119.2	159.2#
56	165.3	83.8	123.8#





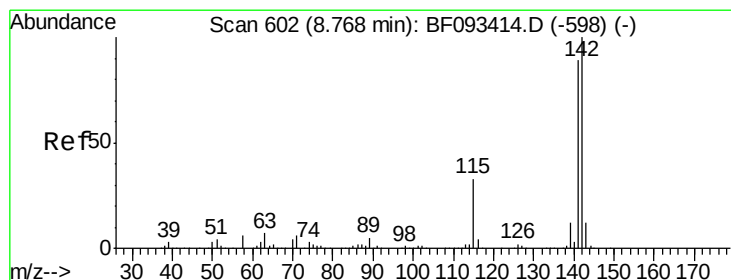
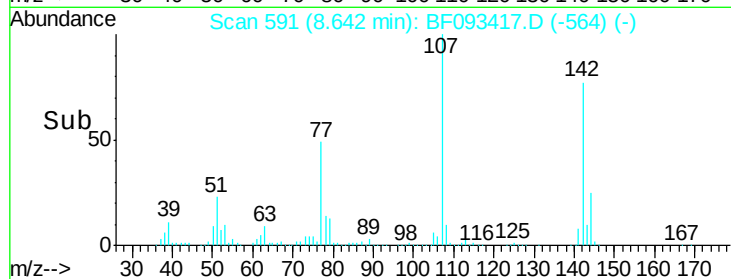
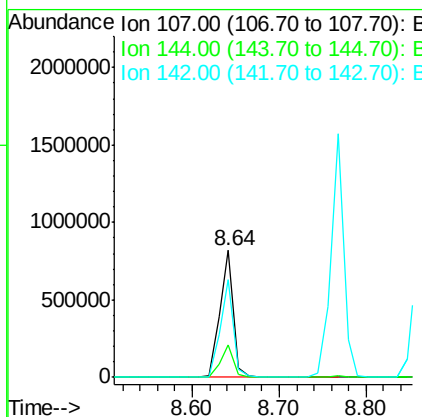
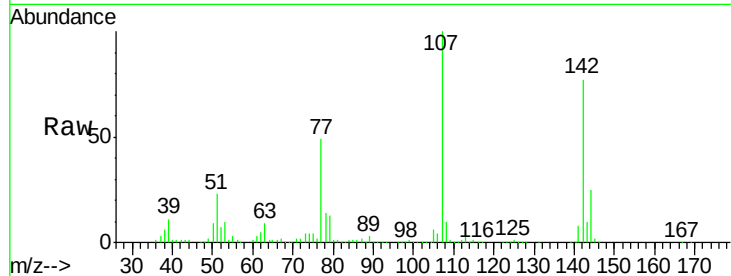
#36
4-Chloro-3-methylphenol
Concen: 74.49 ng
RT: 8.64 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.3	19.3	28.9
142	77.2	59.0	88.6

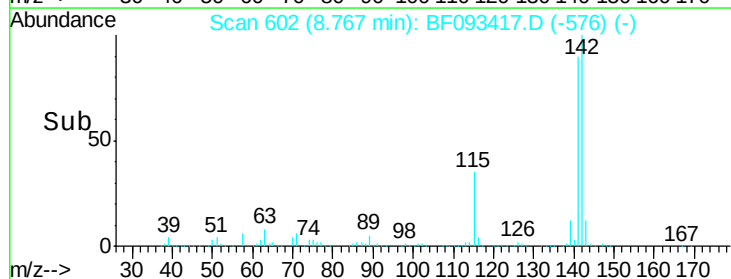
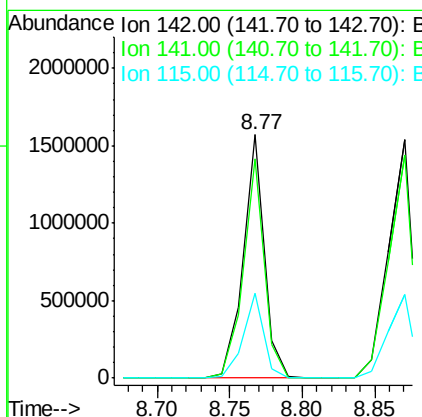
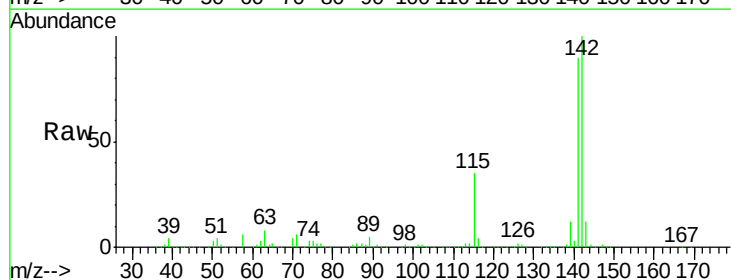
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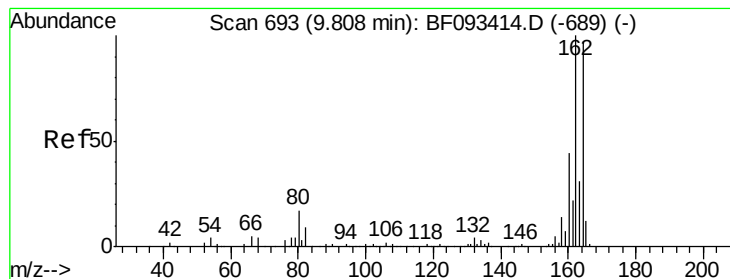
mohammad
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#37
2-Methylnaphthalene
Concen: 60.77 ng
RT: 8.77 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.0	106.6
115	34.6	28.3	42.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

Instrument :

BNA_F

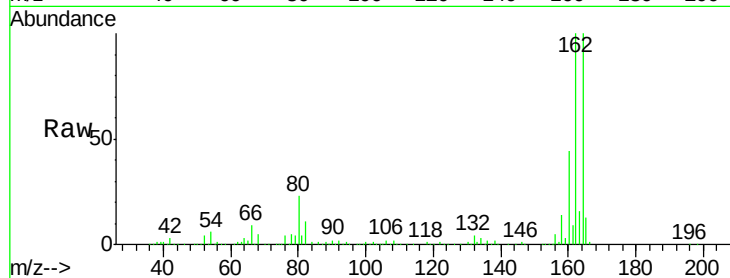
ClientSampleId :

SSTDICC080

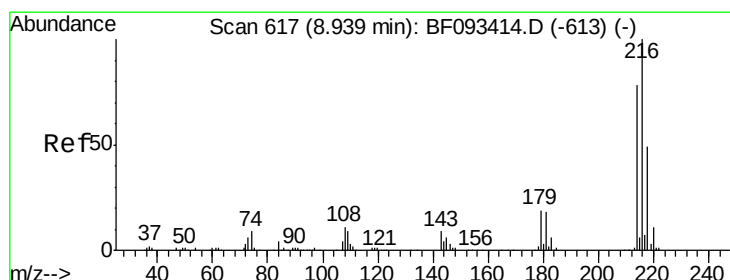
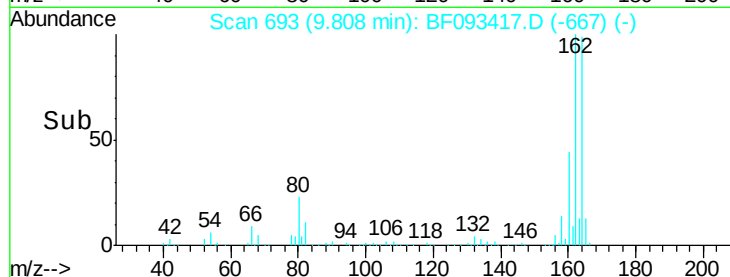
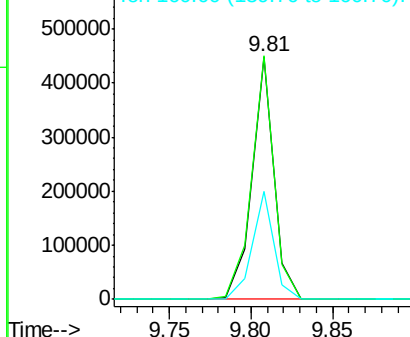
Tot Ion:	164	Resp:	421227
Ion Ratio	Lower	Upper	
164	100		
162	100.4	80.2	120.2
160	44.3	36.9	55.3

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 69.27 ng

RT: 8.94 min Scan# 617

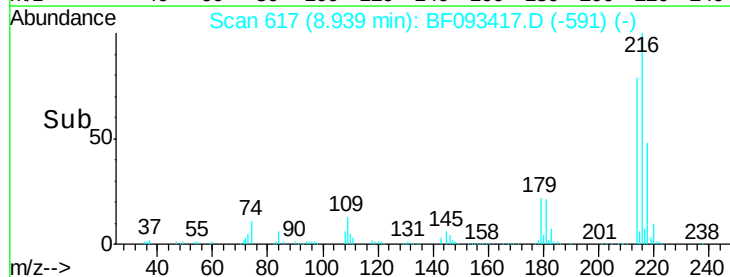
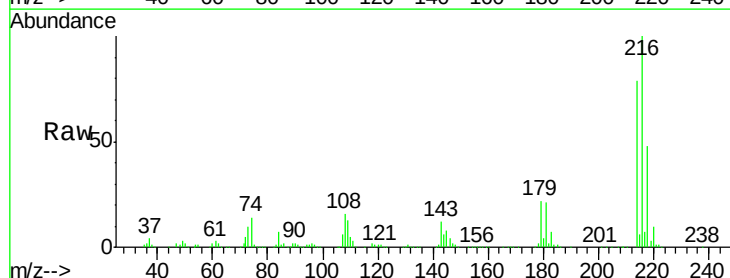
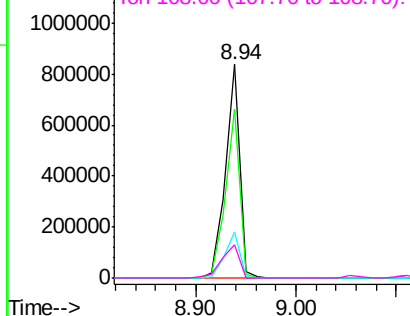
Delta R.T. -0.00 min

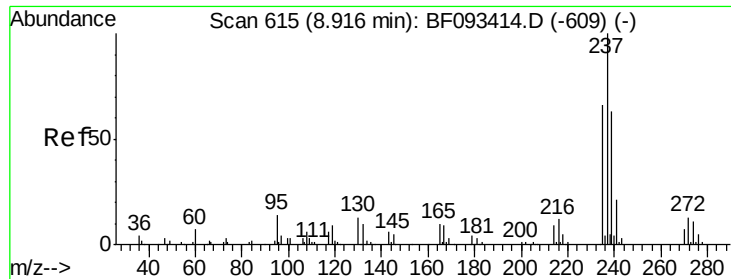
Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

Tgt Ion:	216	Resp:	819027
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.4	95.0
179	22.5	17.4	26.2
108	19.9	15.6	23.4

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





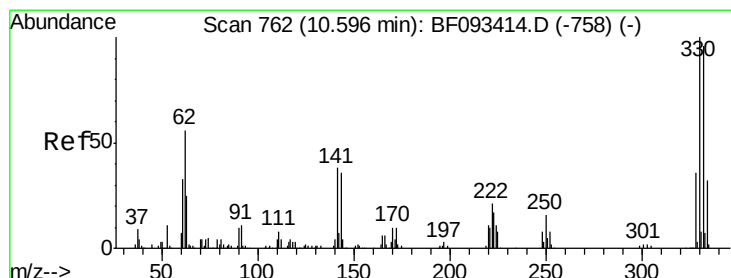
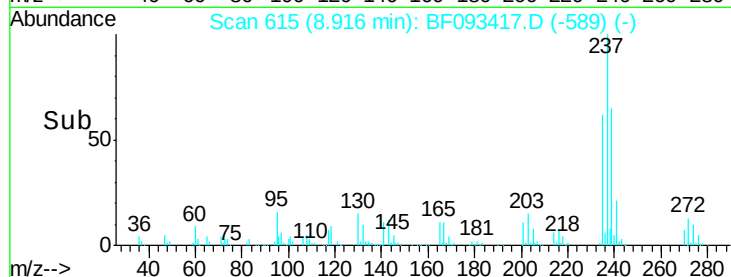
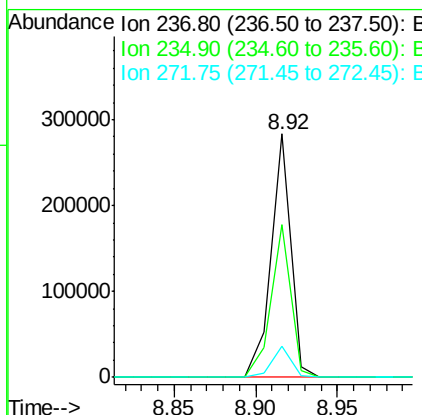
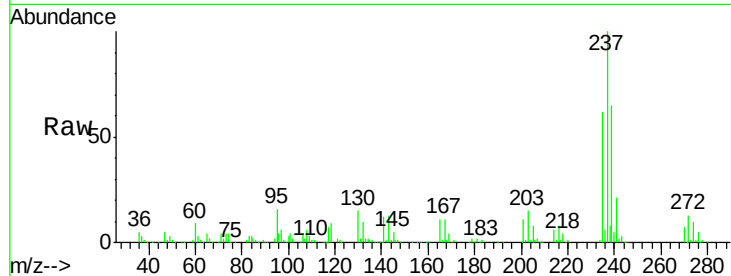
#40
Hexachlorocyclopentadiene
Concen: 44.97 ng
RT: 8.92 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
237	100	239899		
235	62.5	41.2	81.2	
272	12.7	0.0	35.4	

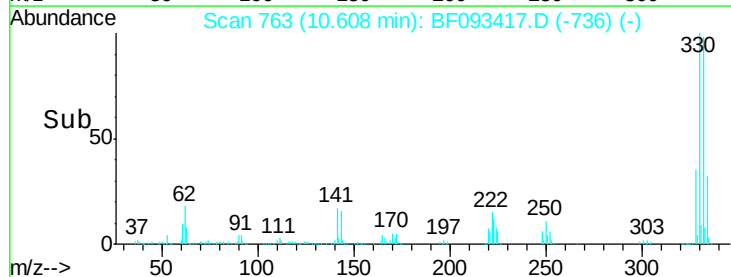
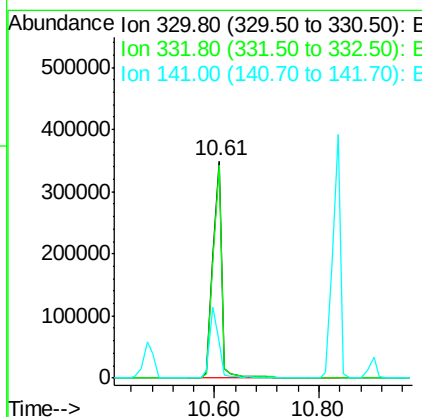
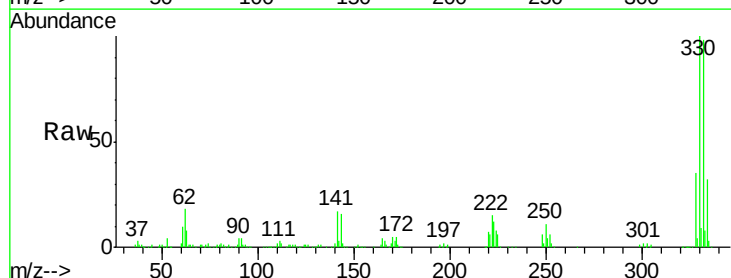
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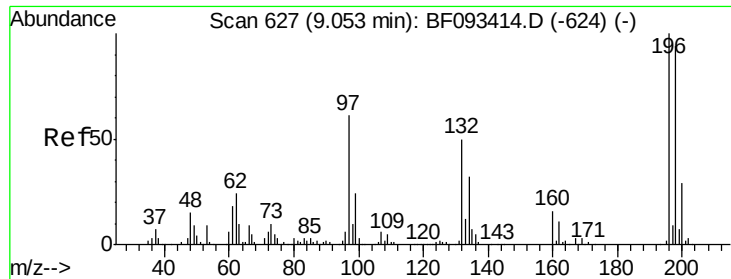
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#41
2,4,6-Tribromophenol
Concen: 136.65 ng
RT: 10.61 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	416309		
332	97.2	77.4	116.2	
141	32.7	34.1	51.1#	





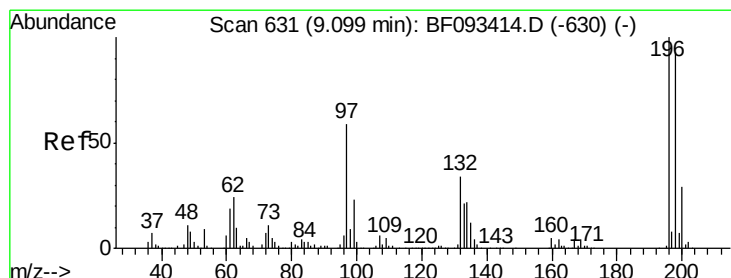
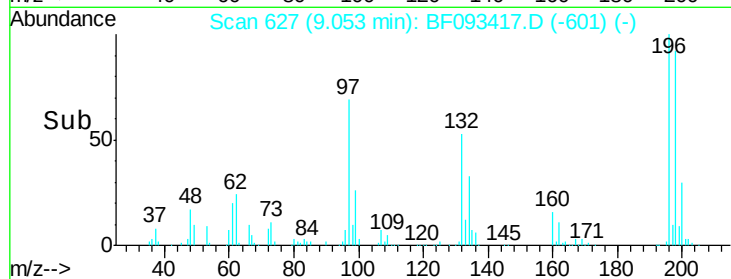
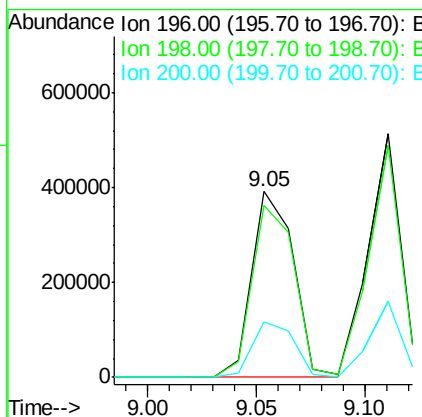
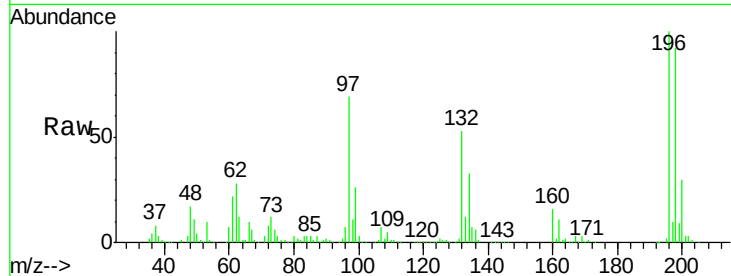
#42
2,4,6-Trichlorophenol
Concen: 67.60 ng
RT: 9.05 min Scan# 627
Delta R.T. -0.00 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
196	100	525217		
198	92.4	82.1	123.1	
200	29.9	27.0	40.4	

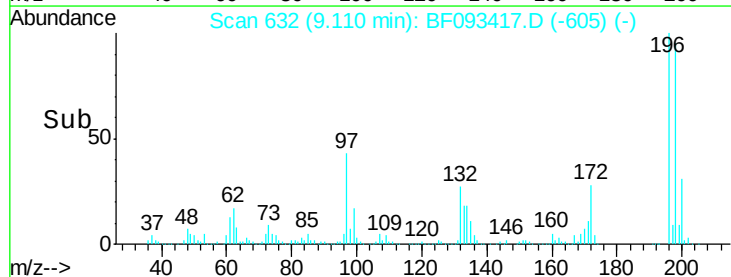
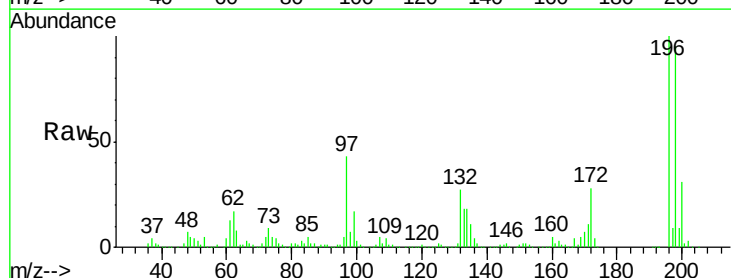
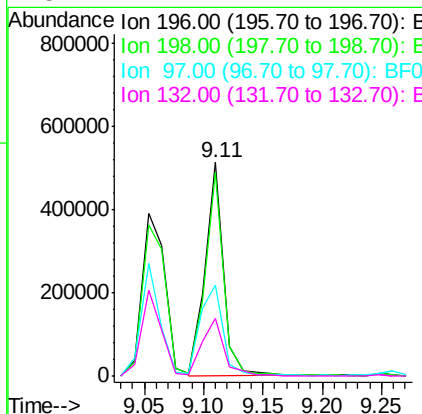
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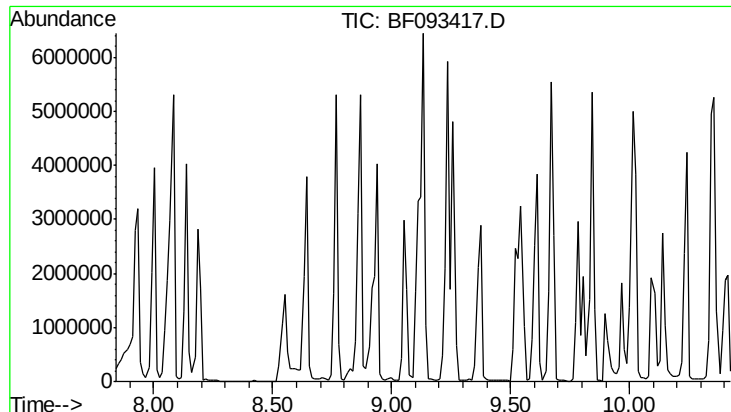
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#43
2,4,5-Trichlorophenol
Concen: 64.97 ng
RT: 9.11 min Scan# 632
Delta R.T. 0.01 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	553046		
198	95.1	79.4	119.2	
97	42.6	51.5	77.3#	
132	27.1	27.4	41.2#	





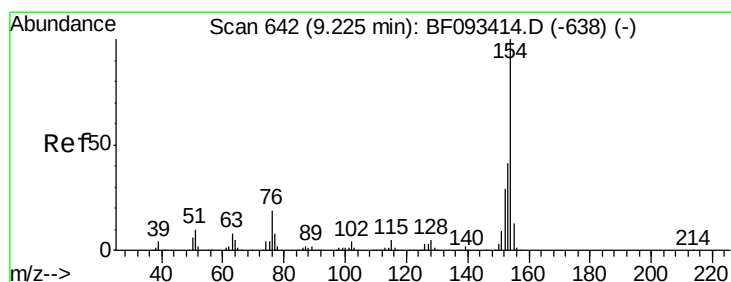
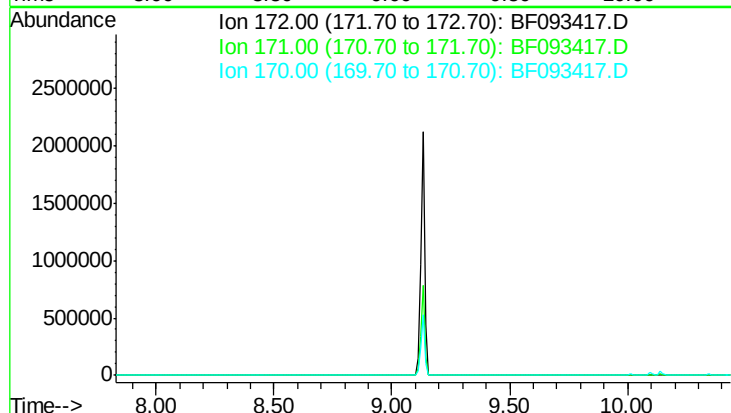
#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.13 min
 Lab File: BF093417.D
 Acq: 7 Mar 2017 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion: 172
 Sig Exp Ratio
 172 100
 171 36.7
 170 25.3

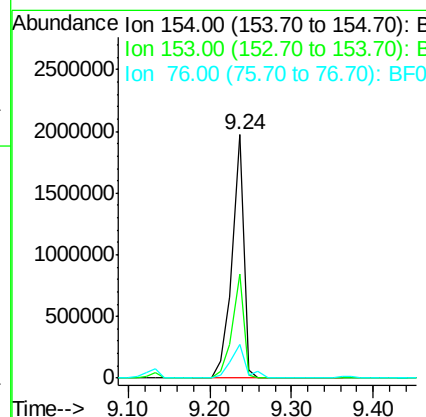
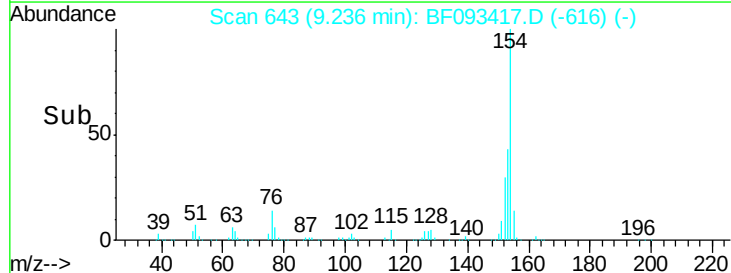
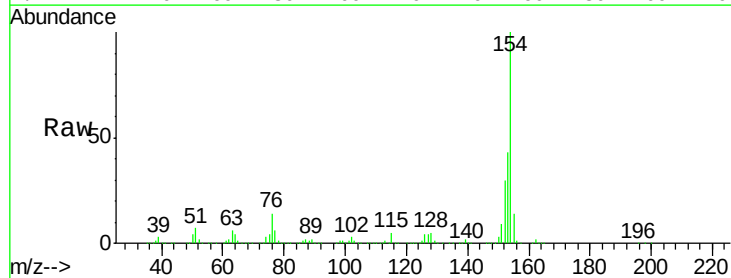
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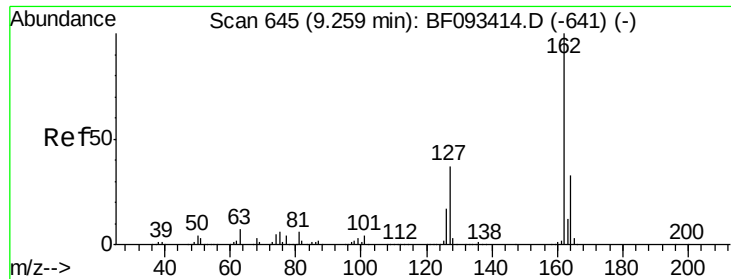
mohammad
 3/8/2017 1:45:34 PM



#45
 1,1'-Biphenyl
 Concen: 63.97 ng
 RT: 9.24 min Scan# 643
 Delta R.T. 0.01 min
 Lab File: BF093417.D
 Acq: 7 Mar 2017 13:47

Tgt Ion: 154 Resp: 1951206
 Ion Ratio Lower Upper
 154 100
 153 42.6 20.9 60.9
 76 14.1 0.0 30.5





#46

2-Chloronaphthalene

Concen: 63.66 ng

RT: 9.26 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:162 Resp: 1519028

Ion Ratio Lower Upper

162 100

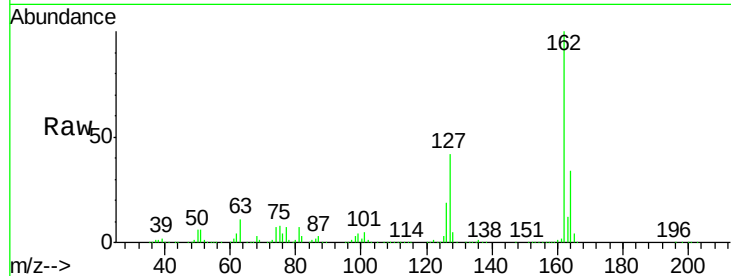
127 42.3 30.7 46.1

164 33.7 27.6 41.4

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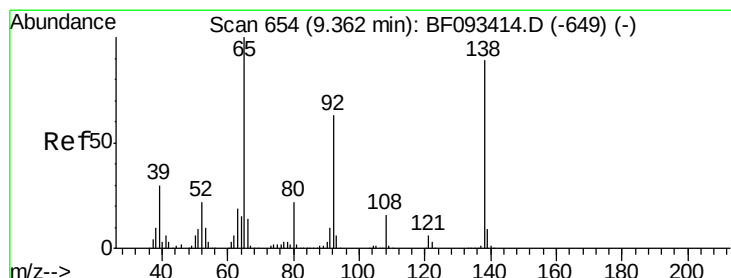
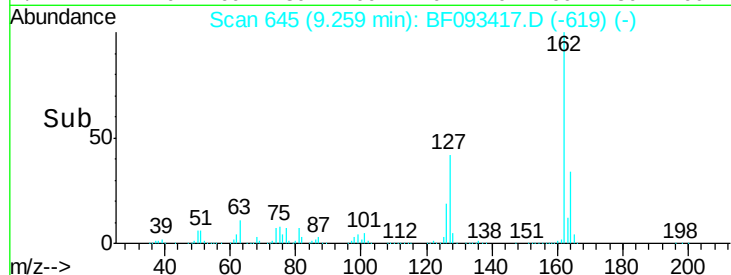
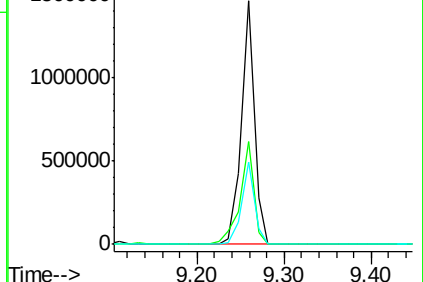
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 83.80 ng

RT: 9.37 min Scan# 655

Delta R.T. 0.01 min

Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

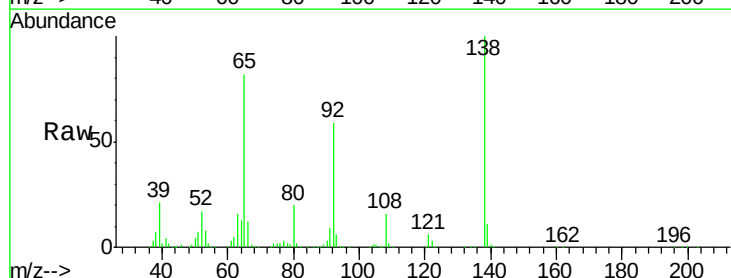
Tgt Ion: 65 Resp: 672237

Ion Ratio Lower Upper

65 100

92 71.4 53.9 80.9

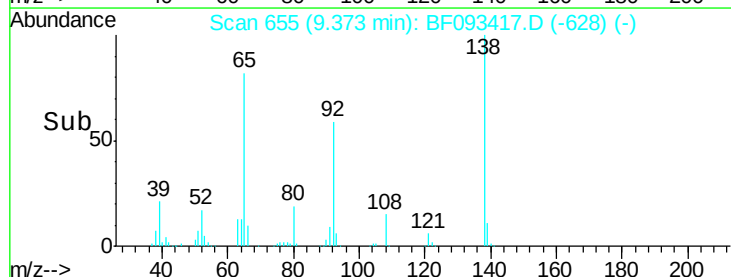
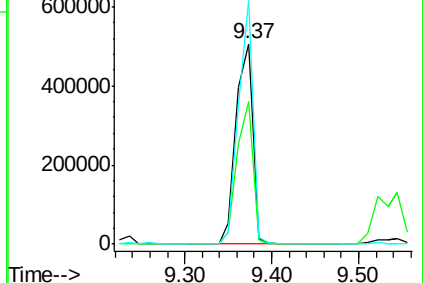
138 121.6 76.8 115.2#

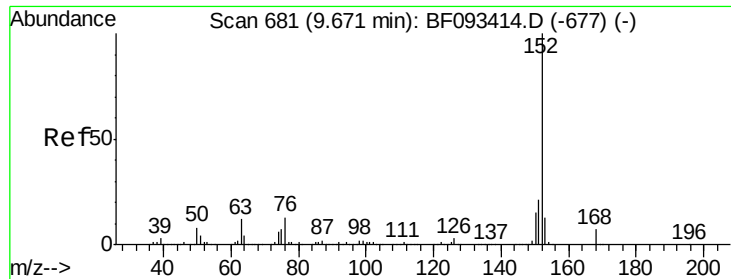


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





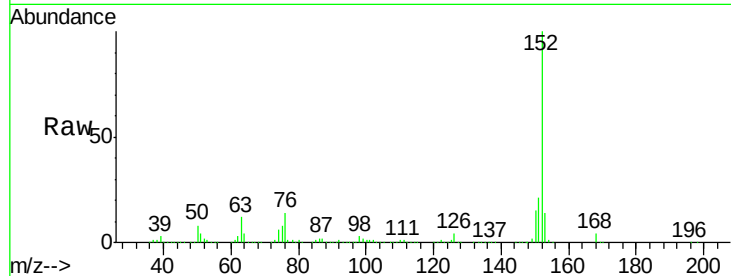
#48
Acenaphthylene
Concen: 56.55 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

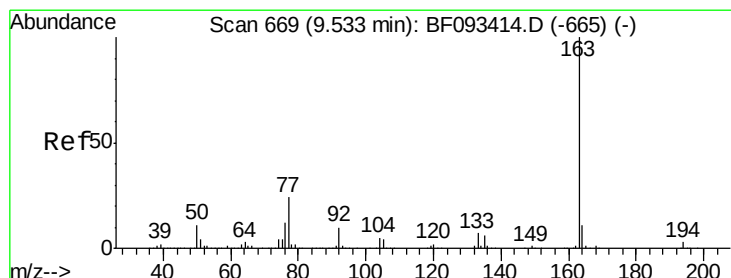
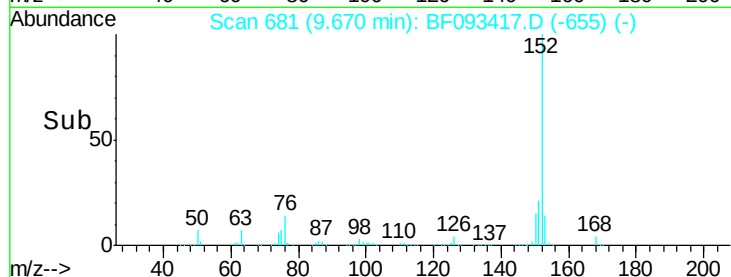
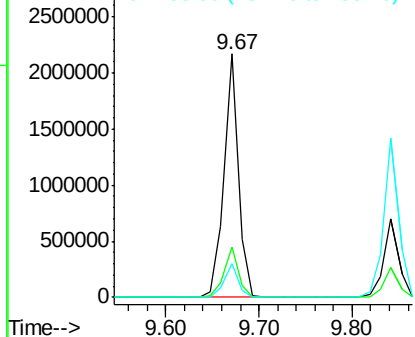
Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		2331147		
151	20.8	16.9	25.3		
153	13.9	11.4	17.2		

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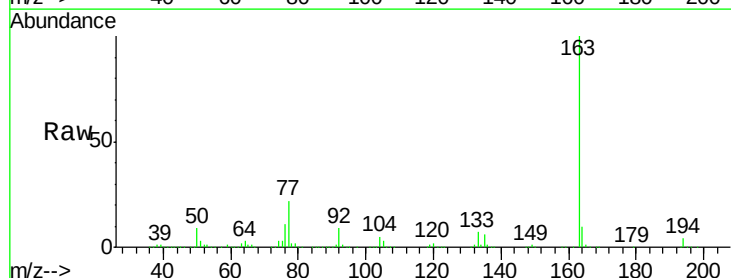


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

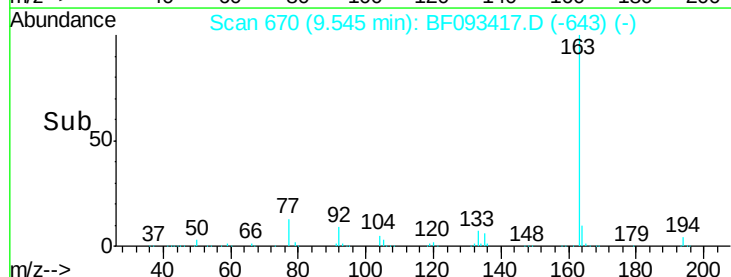
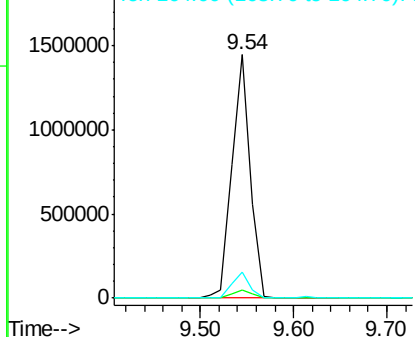


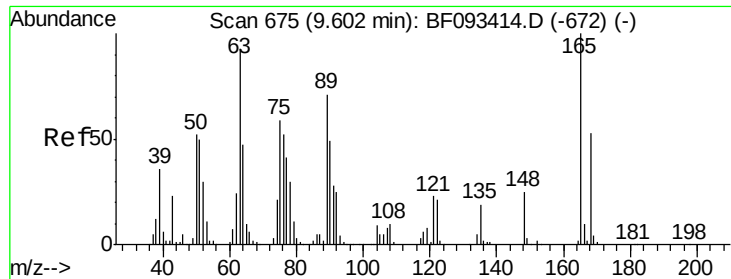
#49
Dimethylphthalate
Concen: 69.50 ng
RT: 9.54 min Scan# 670
Delta R.T. 0.01 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		1971907		
194	3.6	3.0	4.4		
164	10.4	8.0	12.0		



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





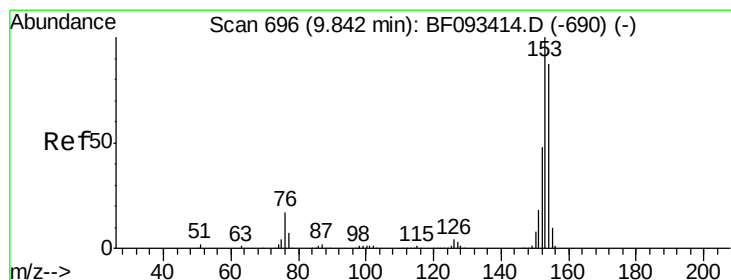
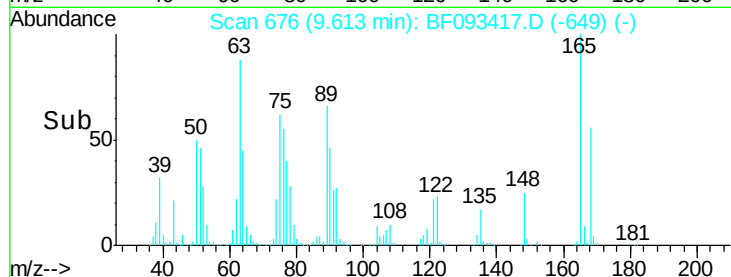
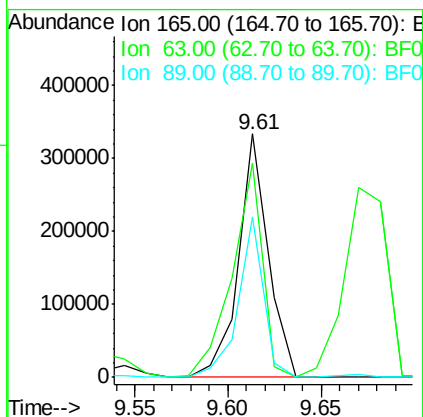
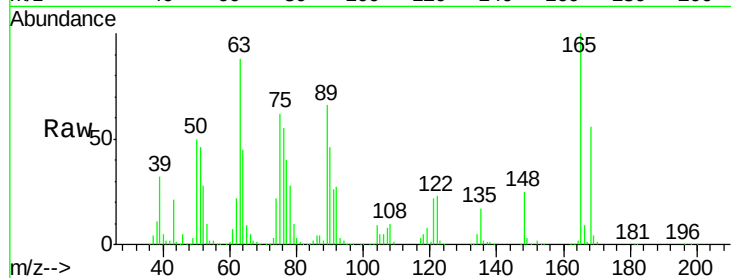
#50
2,6-Dinitrotoluene
Concen: 60.33 ng
RT: 9.61 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
165	100		
63	87.9	36.2	54.4#
89	66.1	40.2	60.4#

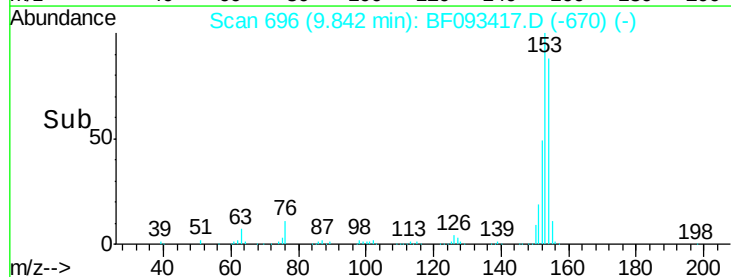
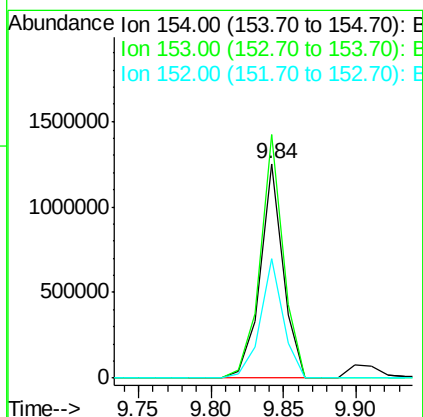
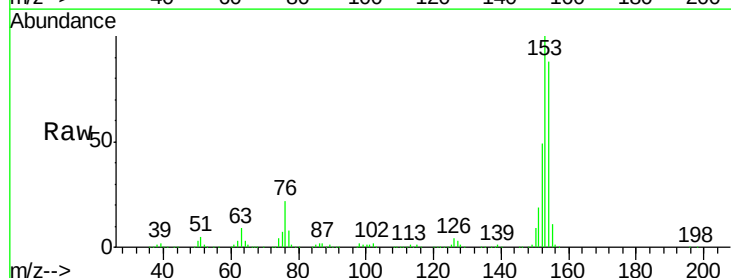
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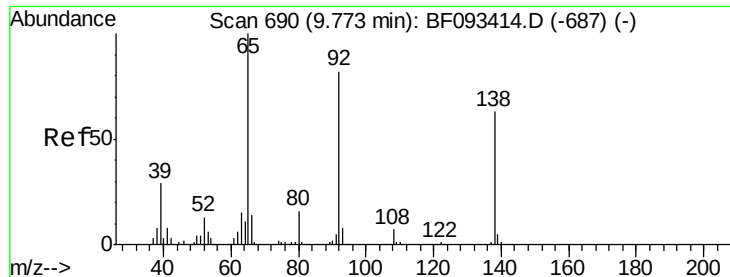
mohammad
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#51
Acenaphthene
Concen: 55.52 ng
RT: 9.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.4	88.6	133.0
152	55.6	41.6	62.4





#52

3-Nitroaniline

Concen: 69.05 ng

RT: 9.78 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

Instrument :

BNA_F

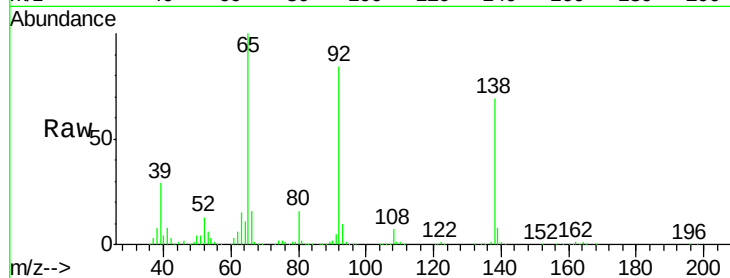
ClientSampleId :

SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
138	100	484211		
108	10.8	8.5	12.7	
92	120.9	97.8	146.8	

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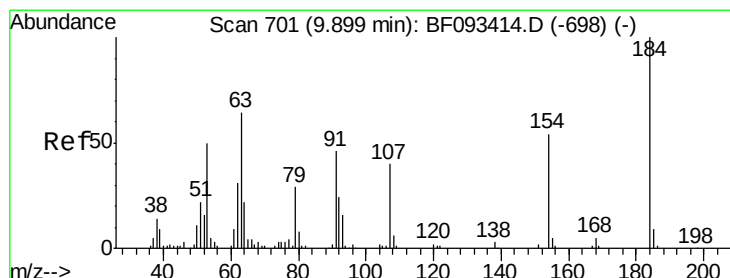
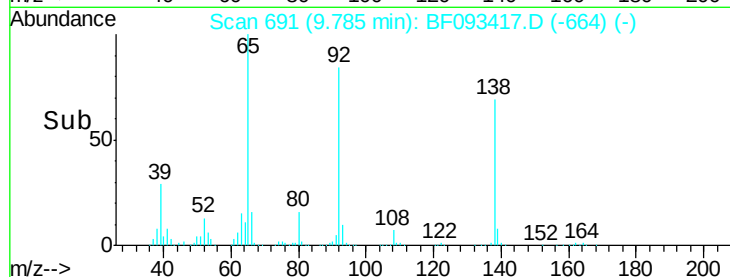
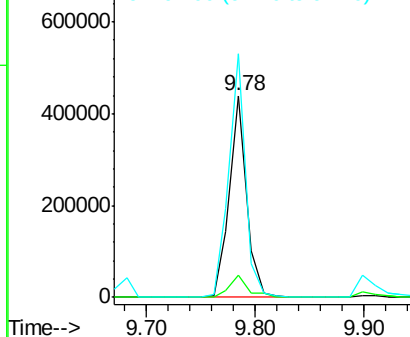
mohammad
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 86.25 ng

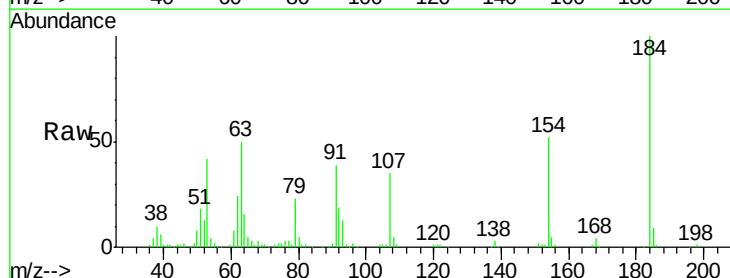
RT: 9.91 min Scan# 702

Delta R.T. 0.01 min

Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

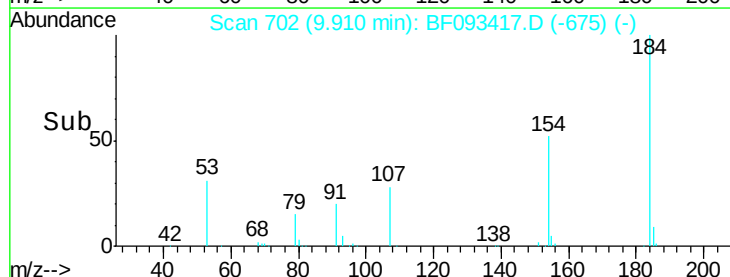
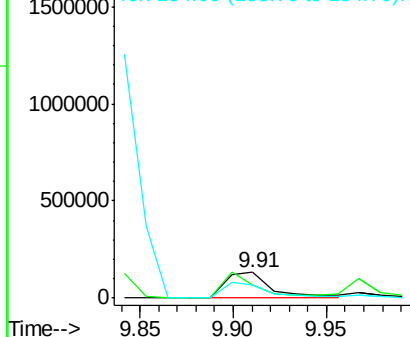
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	235976		
63	50.2	28.4	42.6#	
154	52.3	44.3	66.5	

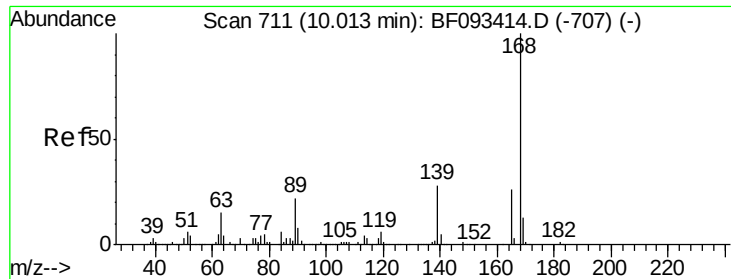


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





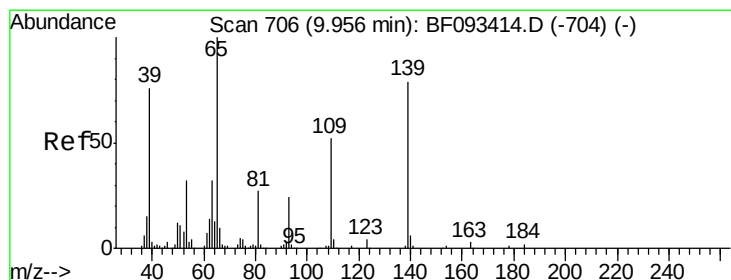
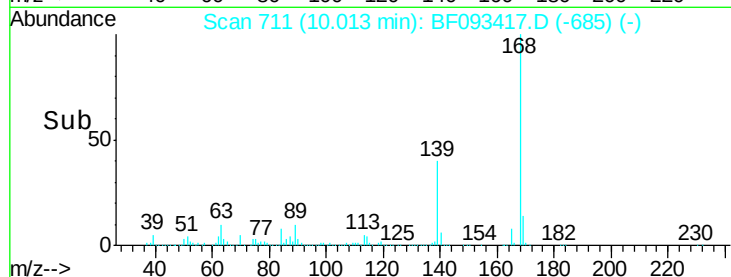
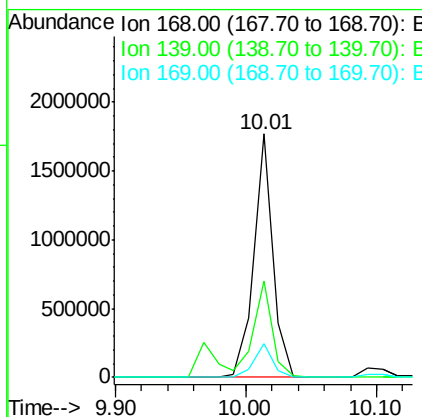
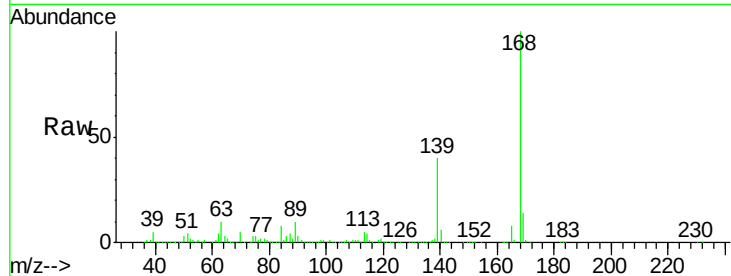
#54
Dibenzo(furan)
Concen: 54.48 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	32.6	49.0
169	14.0	11.3	16.9

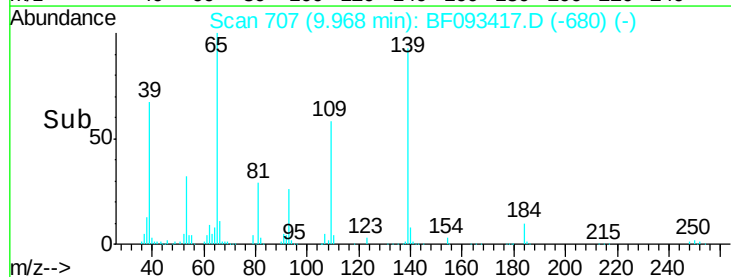
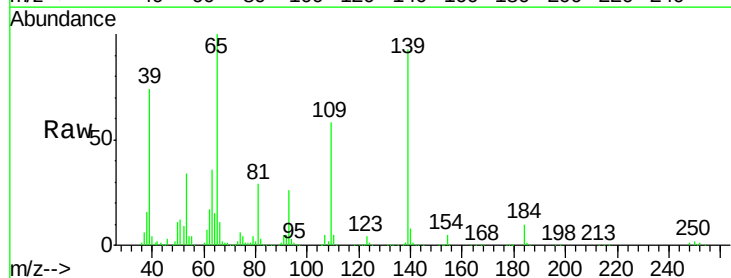
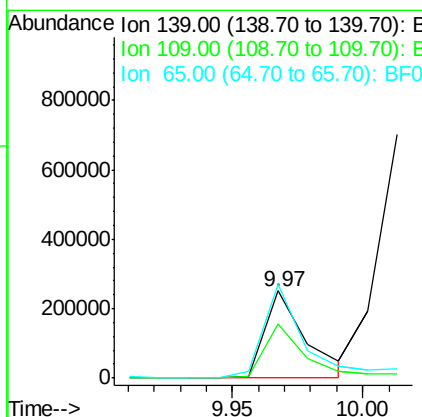
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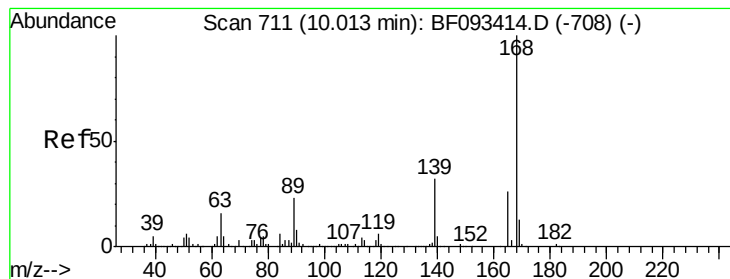
mohammad
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#55
4-Nitrophenol
Concen: 54.42 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.7	52.2	92.2
65	107.8	85.8	125.8





#56

2,4-Dinitrotoluene

Concen: 65.44 ng

RT: 10.02 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:165 Resp: 533856
Ion Ratio Lower Upper

165 100

63 50.3 40.2 60.4

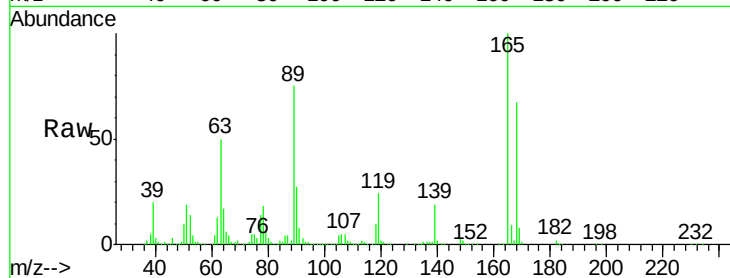
89 75.2 62.5 93.7

182 2.3 1.8 2.8

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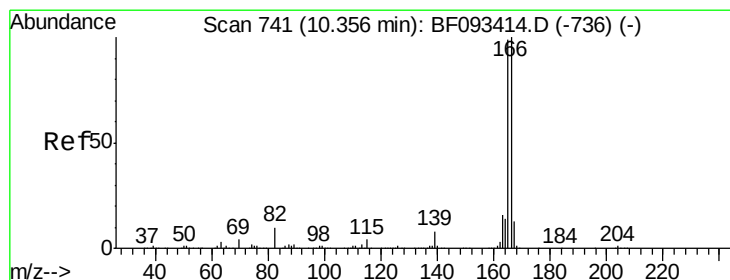
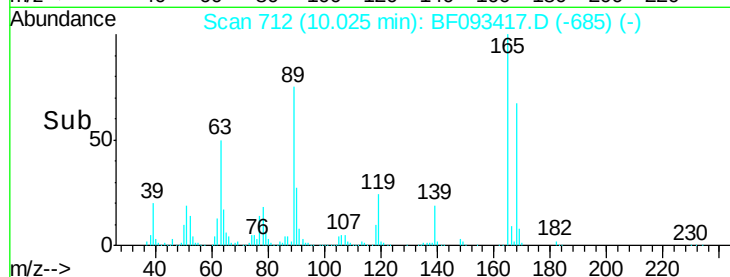
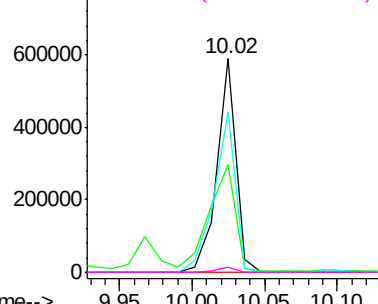


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 60.47 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

Tgt Ion:166 Resp: 1533448
Ion Ratio Lower Upper

166 100

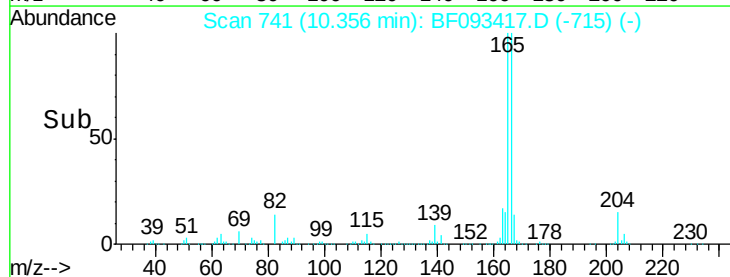
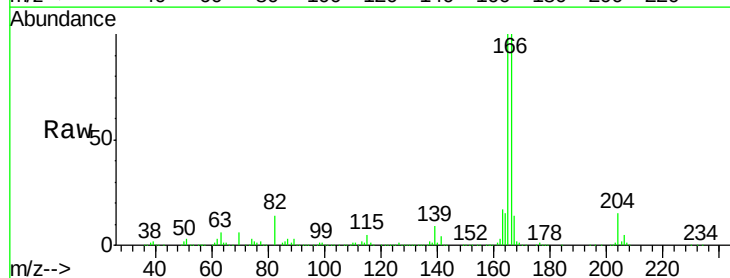
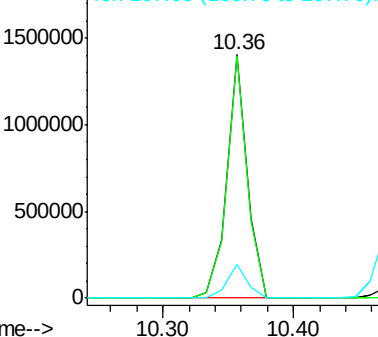
165 99.7 77.8 116.8

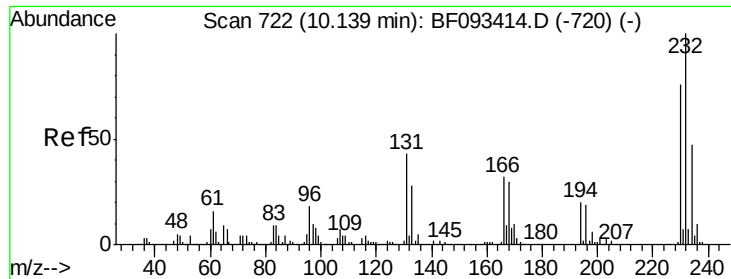
167 13.9 10.8 16.2

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





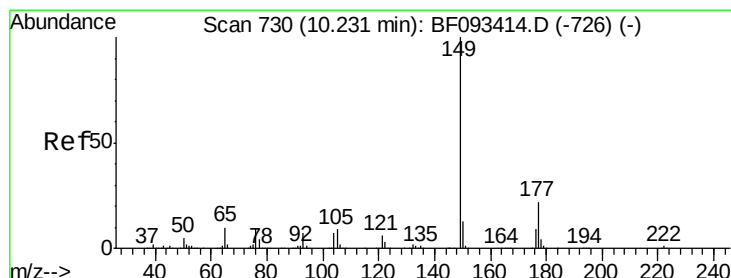
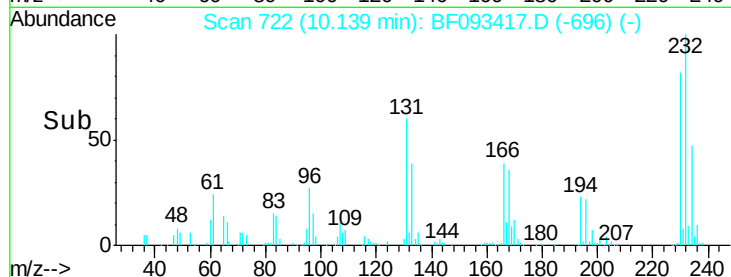
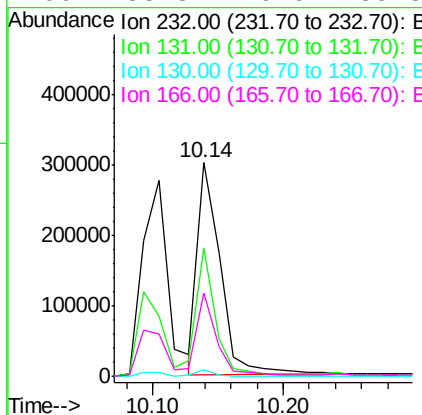
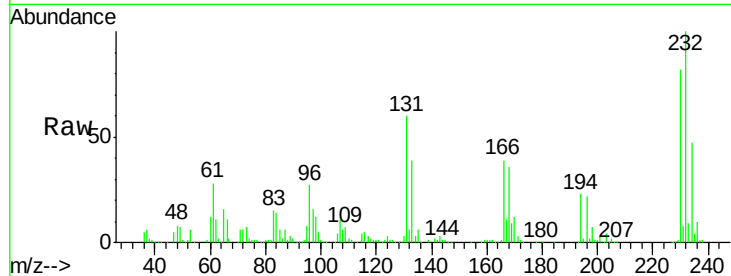
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 64.51 ng
 RT: 10.14 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: BF093417.D
 Acq: 7 Mar 2017 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
232	100	366327		
131	53.4		40.1	60.1
130	2.6		1.8	2.8
166	33.3		26.6	39.8

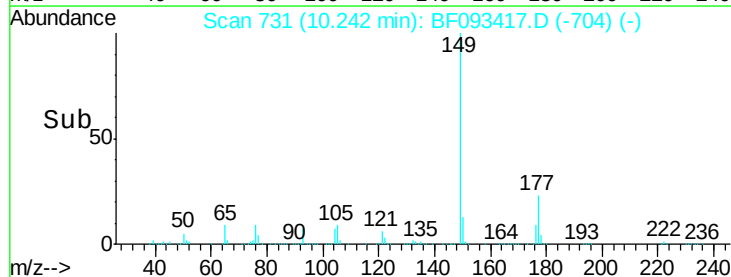
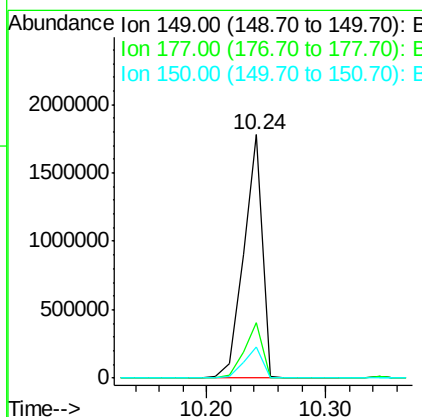
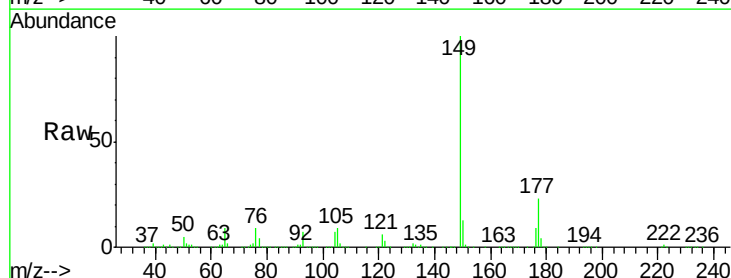
Manual Integrations
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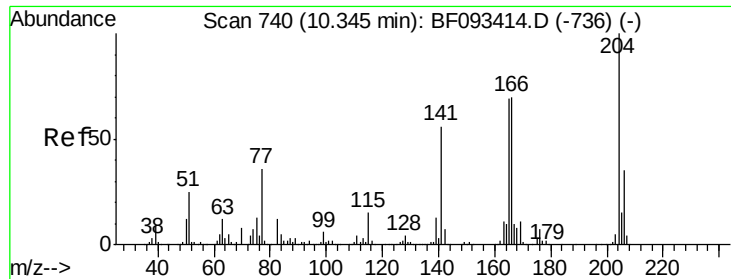
mohammad
 3/8/2017 1:45:34 PM



#59
 Diethylphthalate
 Concen: 72.34 ng
 RT: 10.24 min Scan# 731
 Delta R.T. 0.01 min
 Lab File: BF093417.D
 Acq: 7 Mar 2017 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1934245		
177	22.9		16.6	25.0
150	12.7		10.4	15.6





#60

4-Chlorophenyl-phenylether

Concen: 54.56 ng

RT: 10.34 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

Instrument :

BNA_F

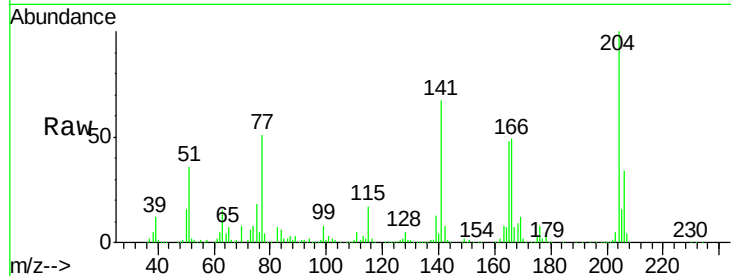
ClientSampleId :

SSTDICC080

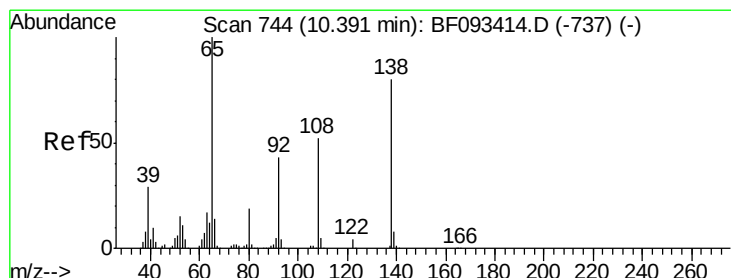
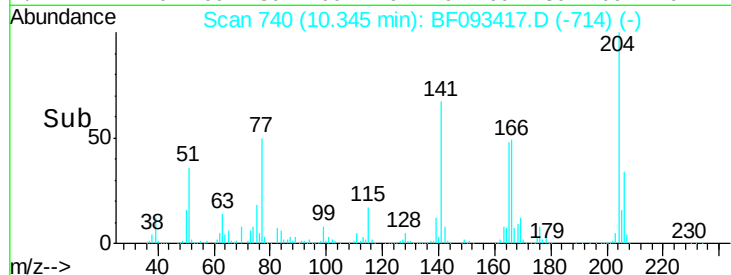
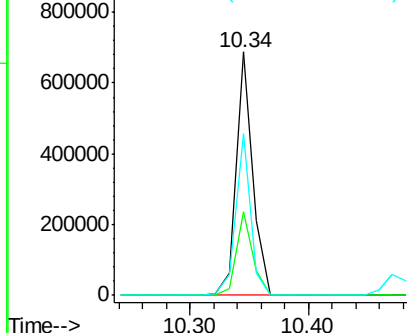
Tot Ion:	204	Resp:	664653
Ion Ratio	Lower	Upper	
204	100		
206	34.1	25.8	38.6
141	66.6	59.4	89.0

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



#61

4-Nitroaniline

Concen: 81.41 ng

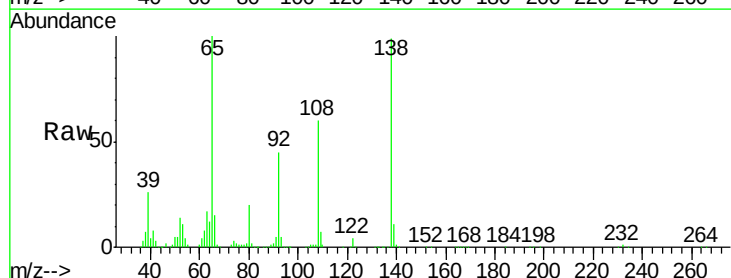
RT: 10.41 min Scan# 746

Delta R.T. 0.02 min

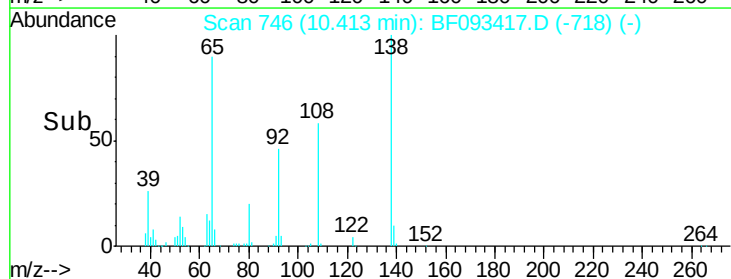
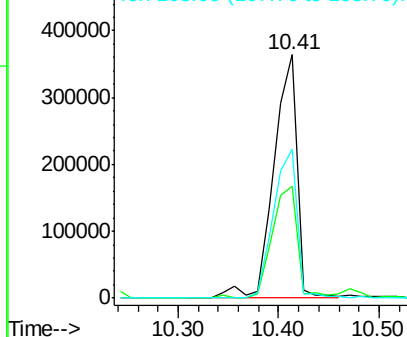
Lab File: BF093417.D

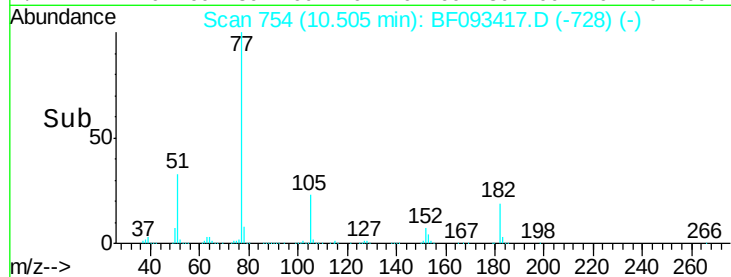
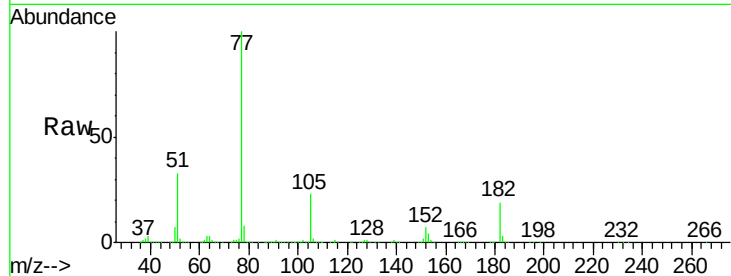
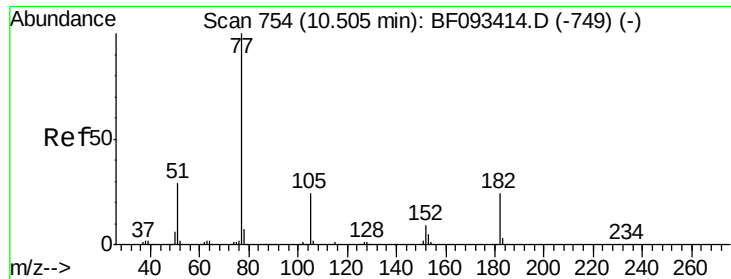
Acq: 7 Mar 2017 13:47

Tgt Ion:	138	Resp:	584728
Ion Ratio	Lower	Upper	
138	100		
92	46.0	31.7	71.7
108	61.2	52.6	92.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 72.50 ng

RT: 10.50 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	19.3	0.0	39.3	
105	22.6	2.3	42.3	
51	32.9	8.9	48.9	

Instrument :

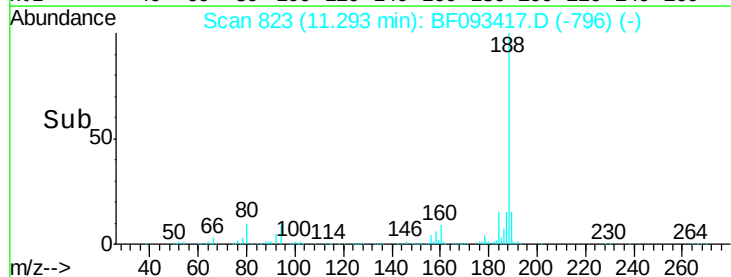
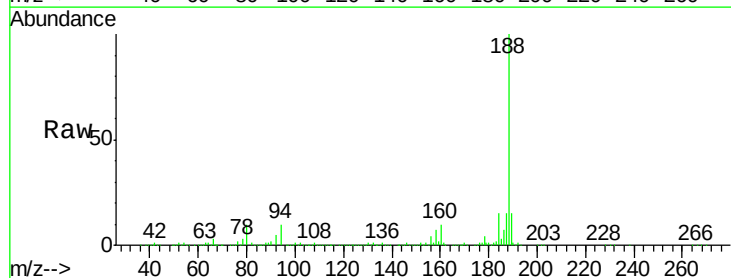
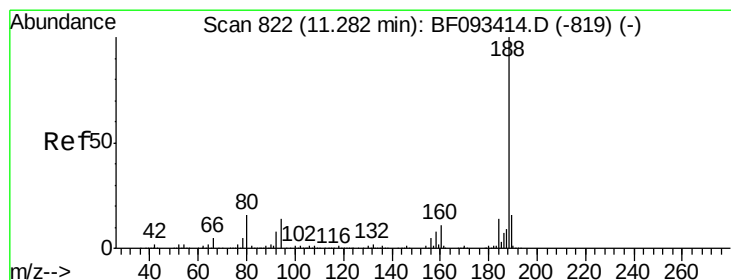
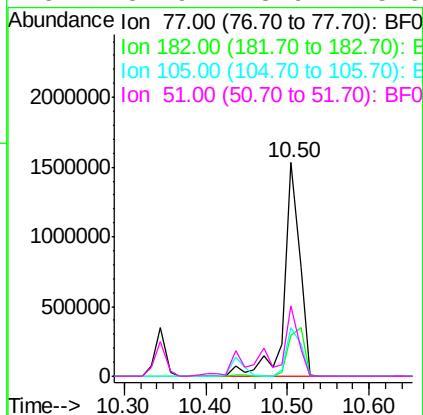
BNA_F

ClientSampleId :

SSTDICC080

Manual Integrations
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mohammad
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#63

Phenanthrene-d10

Concen: 20.00 ng

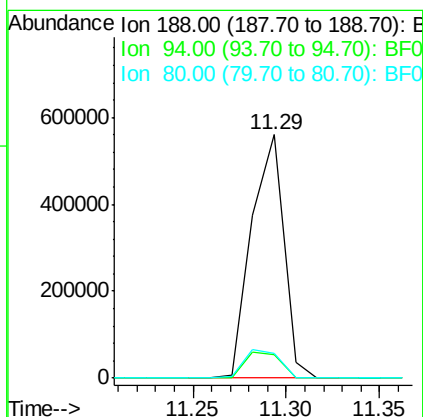
RT: 11.29 min Scan# 823

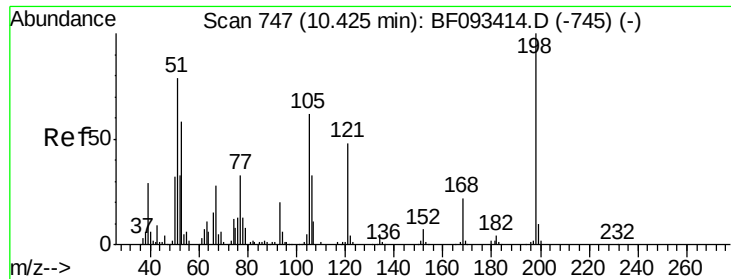
Delta R.T. 0.01 min

Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.8	10.0	15.0#	
80	10.0	11.2	16.8#	





#64

4,6-Dinitro-2-methylphenol

Concen: 99.36 ng

RT: 10.44 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:198 Resp: 345556
Ion Ratio Lower Upper

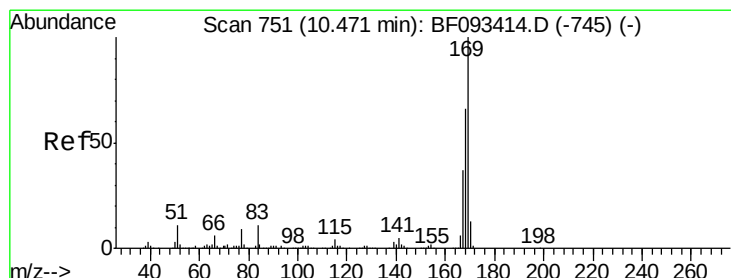
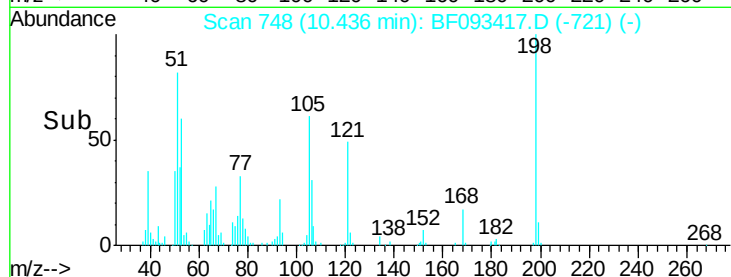
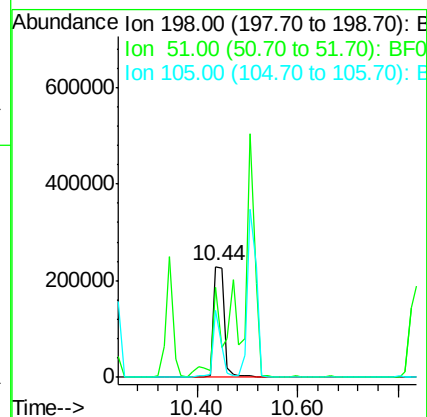
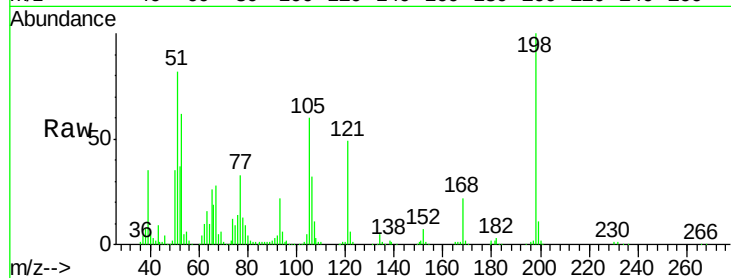
198 100

51 81.8 6.7 46.7#

105 60.3 16.6 56.6#

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#65

n-Nitrosodiphenylamine

Concen: 71.56 ng

RT: 10.47 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF093417.D

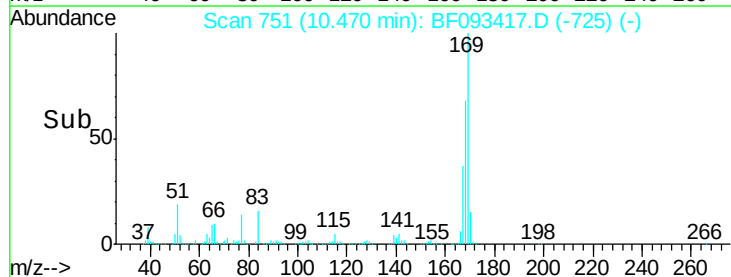
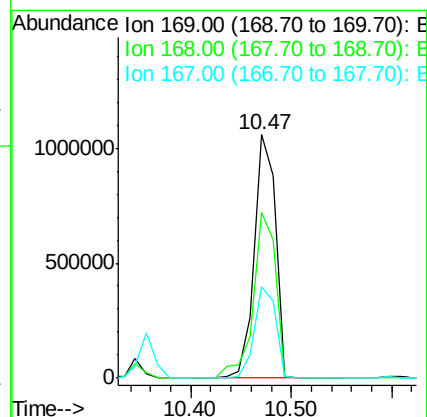
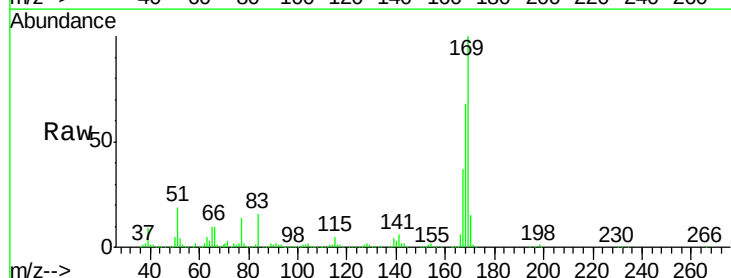
Acq: 7 Mar 2017 13:47

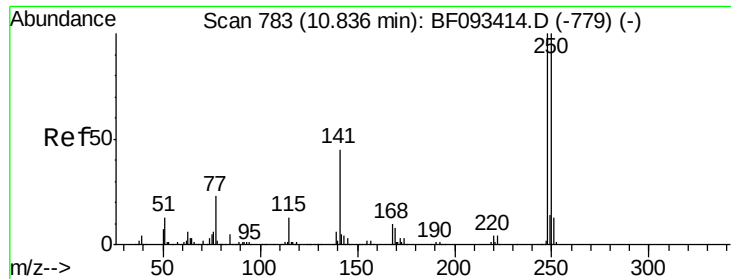
Tgt Ion:169 Resp: 1536561
Ion Ratio Lower Upper

169 100

168 68.2 54.2 81.2

167 37.3 30.2 45.4





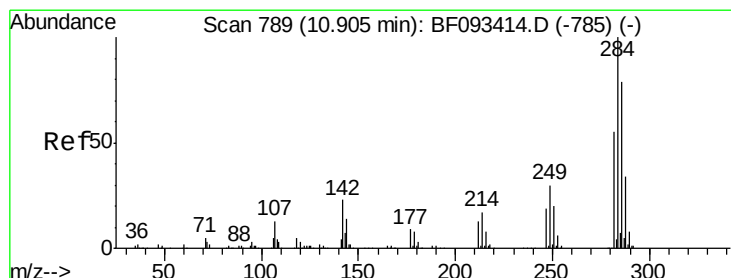
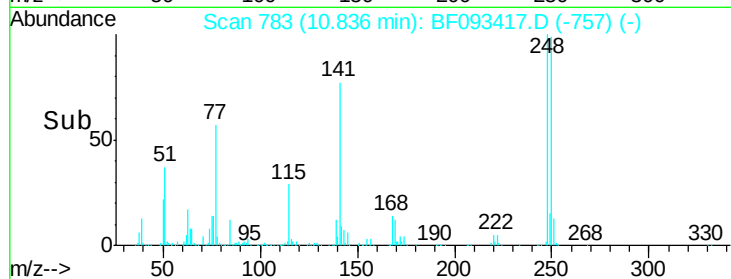
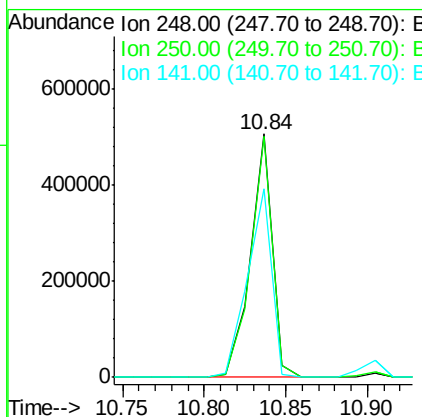
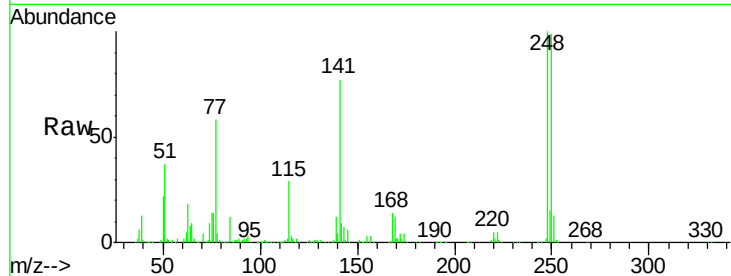
#66
4-Bromophenyl-phenylether
Concen: 66.85 ng
RT: 10.84 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
248	100			
250	99.0	76.9	115.3	
141	77.5	68.2	102.4	

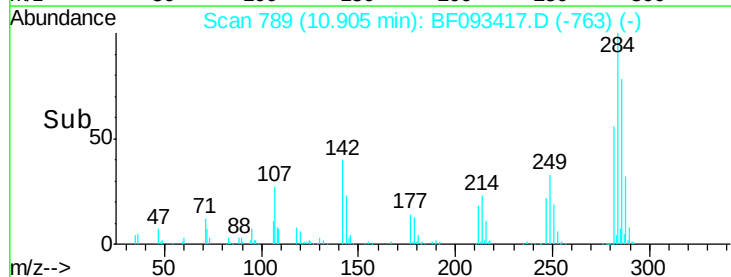
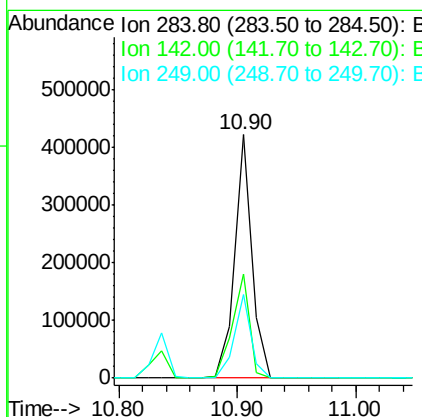
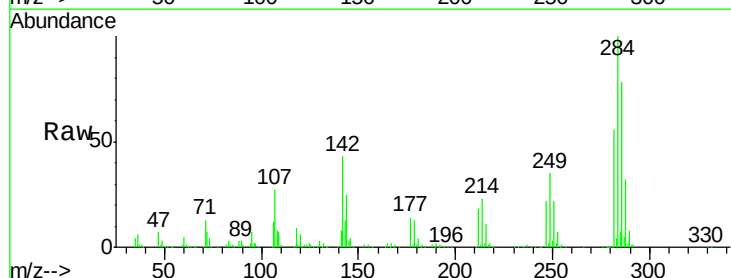
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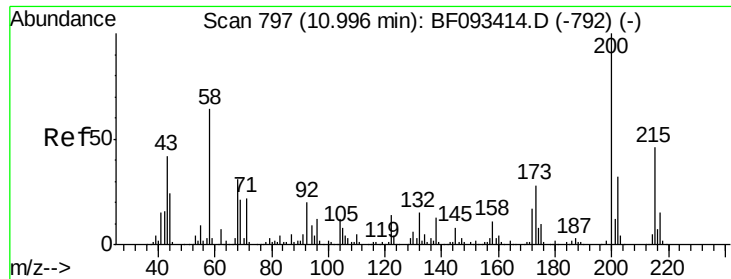
mohammad
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#67
Hexachlorobenzene
Concen: 61.56 ng
RT: 10.90 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
284	100			
142	43.0	22.6	33.8#	
249	34.6	25.4	38.0	





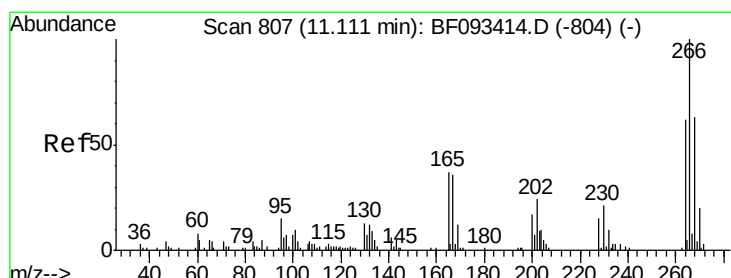
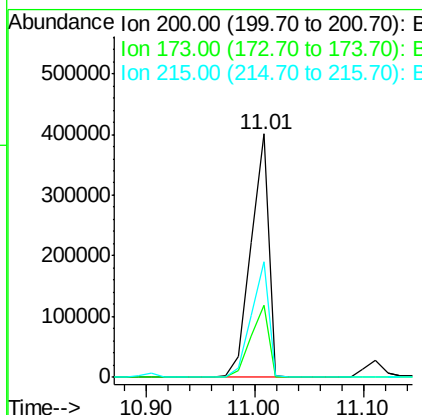
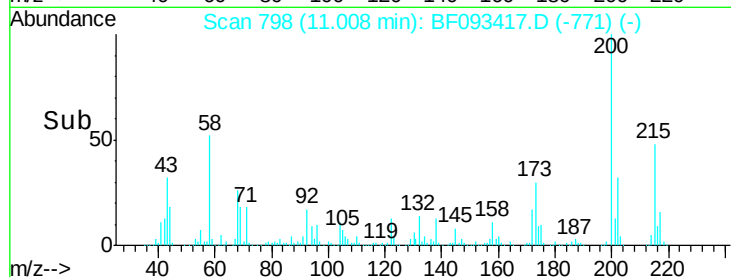
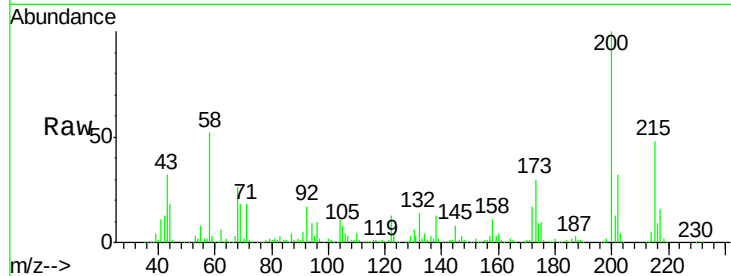
#68
Atrazine
Concen: 66.09 ng
RT: 11.01 min Scan# 798
Delta R.T. 0.01 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.6	9.6	49.6
215	47.6	25.7	65.7

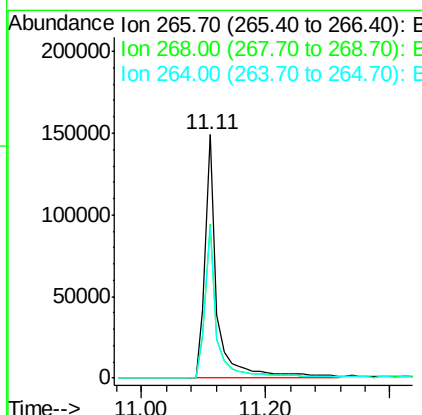
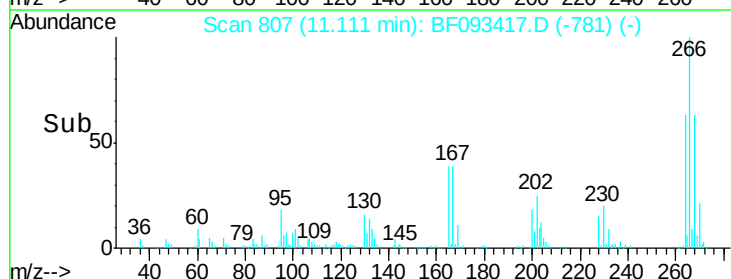
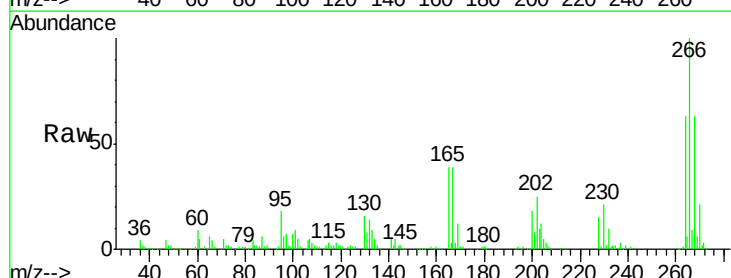
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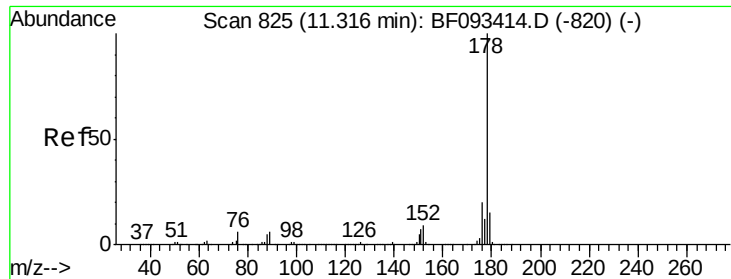
mohammad
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#69
Pentachlorophenol
Concen: 67.37 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.5	53.3	79.9
264	62.7	50.3	75.5





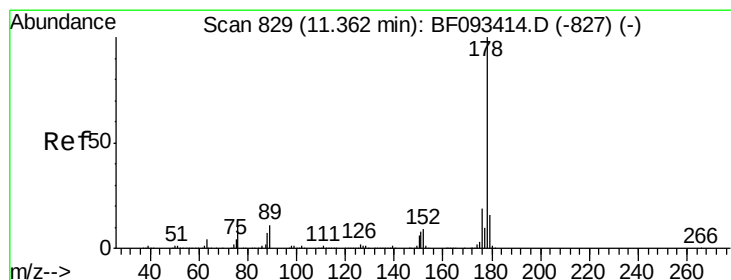
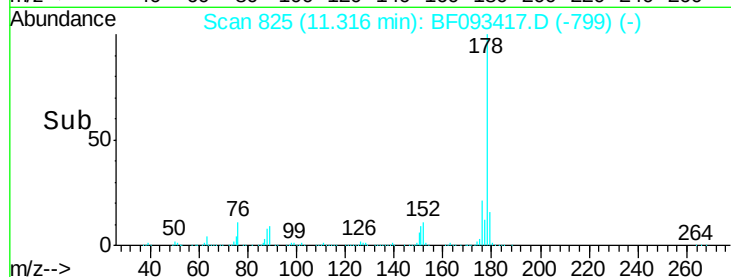
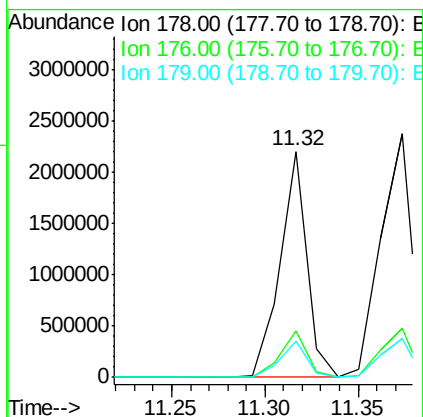
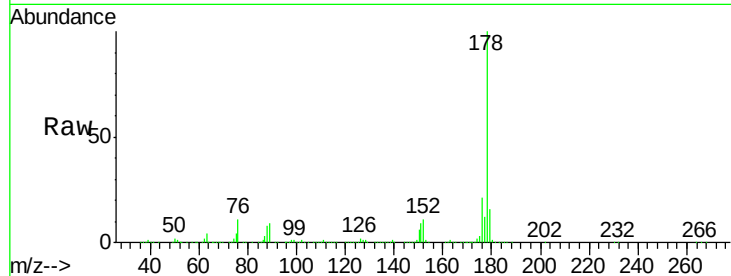
#70
Phenanthrene
Concen: 57.48 ng
RT: 11.32 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:178 Resp: 2213506
Ion Ratio Lower Upper
178 100
176 20.8 16.6 25.0
179 16.1 12.8 19.2

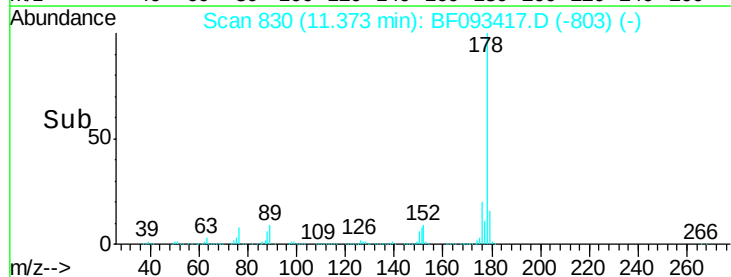
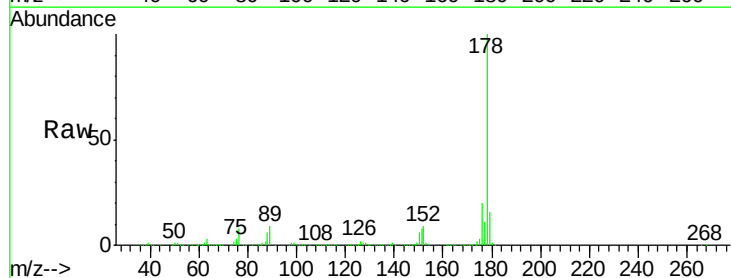
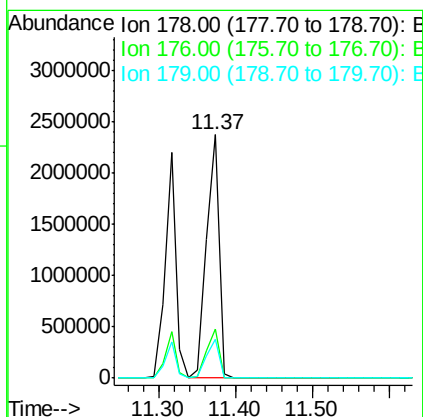
Manual Integrations
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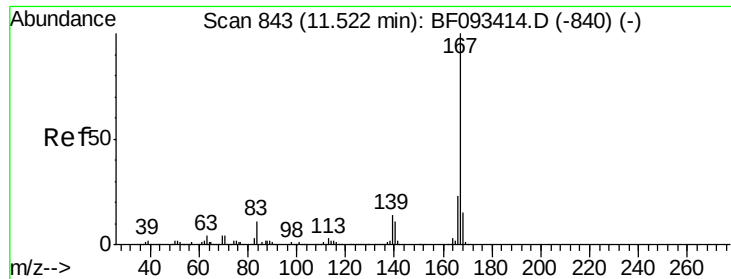
mohammad
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#71
Anthracene
Concen: 68.64 ng
RT: 11.37 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Tgt Ion:178 Resp: 2654424
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 16.0 13.2 19.8





#72

Carbazole

Concen: 67.42 ng

RT: 11.53 min Scan# 844

Delta R.T. 0.01 min

Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:167 Resp: 2492432

Ion Ratio Lower Upper

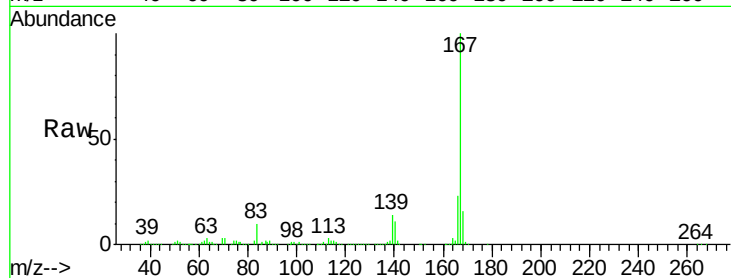
167 100

166 23.2 18.2 27.2

139 13.8 11.4 17.2

Manual Integrations
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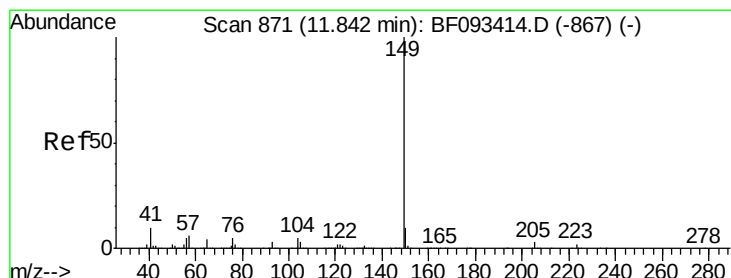
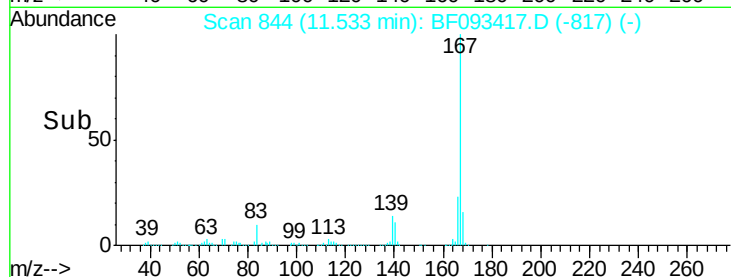
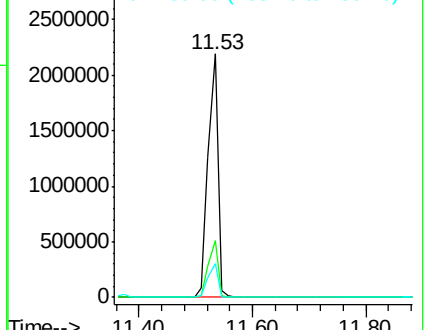
mohammad
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 71.97 ng

RT: 11.85 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

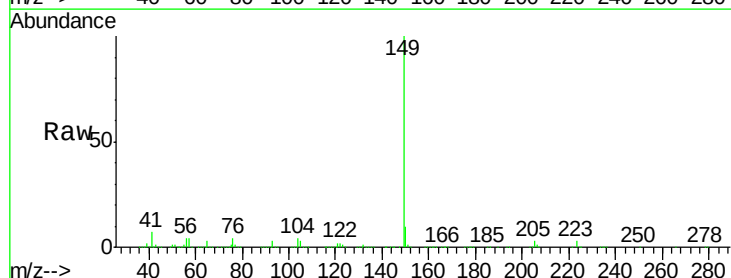
Tgt Ion:149 Resp: 2877381

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

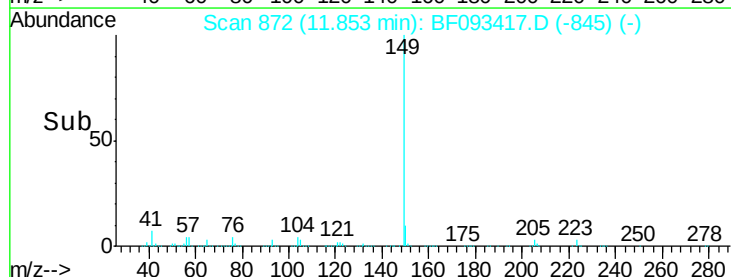
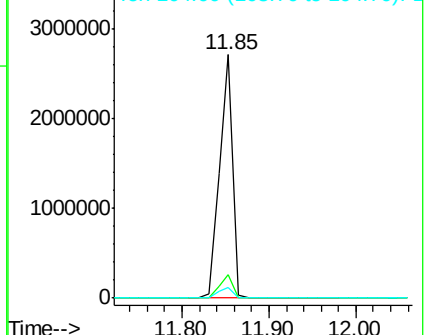
104 4.4 4.6 7.0#

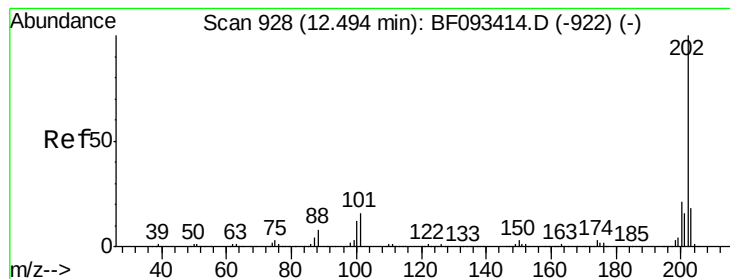


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





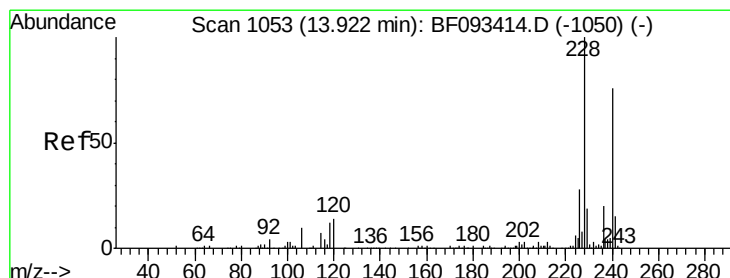
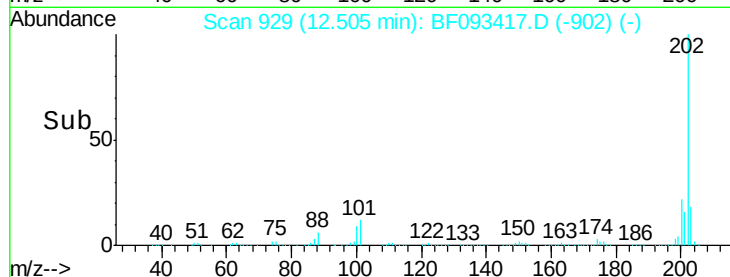
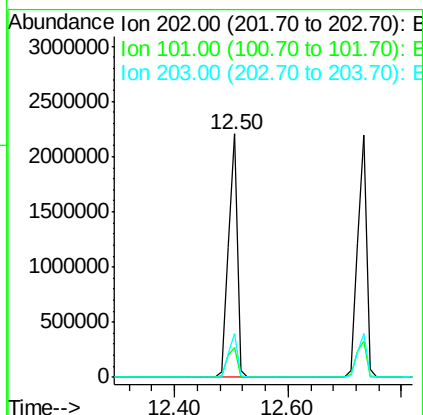
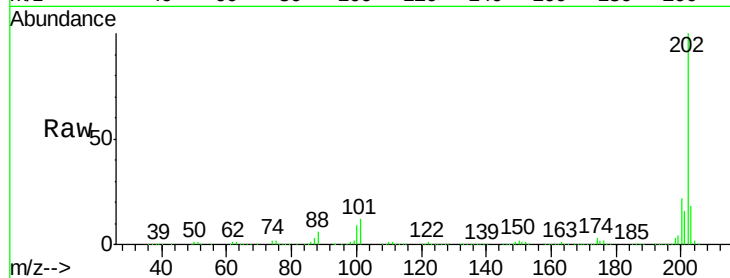
#74
Fluoranthene
 Concen: 61.01 ng
 RT: 12.50 min Scan# 929
 Delta R.T. 0.01 min
 Lab File: BF093417.D
 Acq: 7 Mar 2017 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.6
203	18.1	0.0	38.7

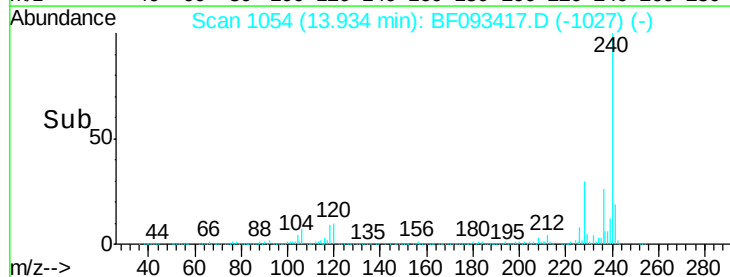
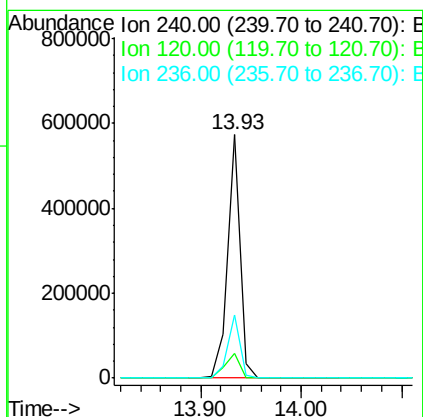
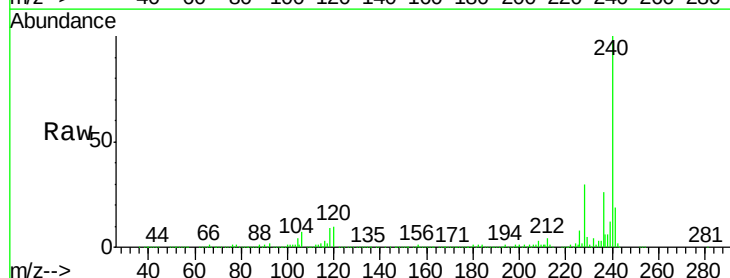
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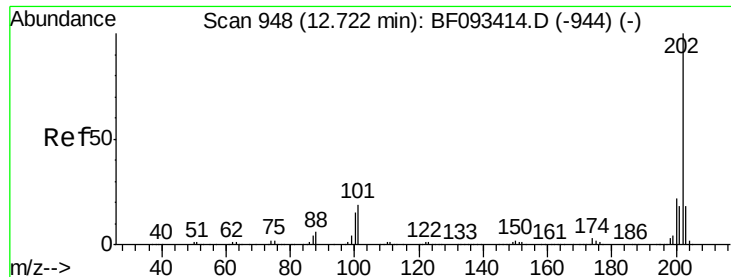
mohammad
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.93 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: BF093417.D
 Acq: 7 Mar 2017 13:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	12.9	19.3#
236	26.2	20.9	31.3





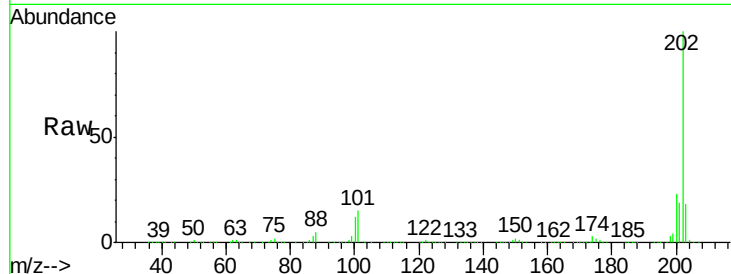
#77
Pvrene
Concen: 66.30 ng
RT: 12.73 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

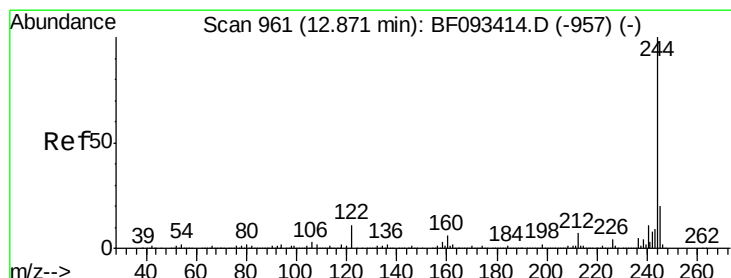
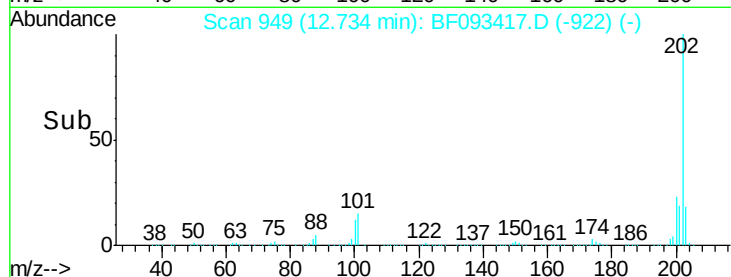
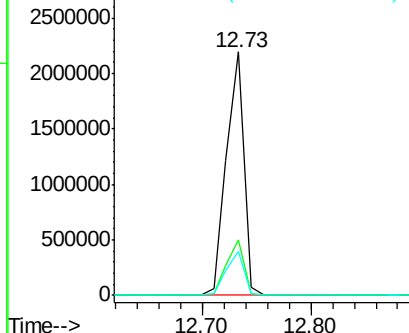
Tot Ion:202 Resp: 2444813
Ion Ratio Lower Upper
202 100
200 22.7 17.7 26.5
203 17.9 14.7 22.1

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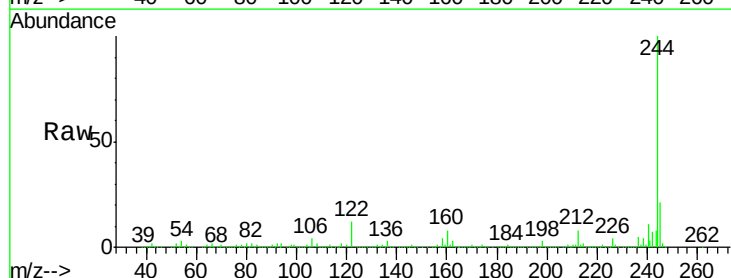


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

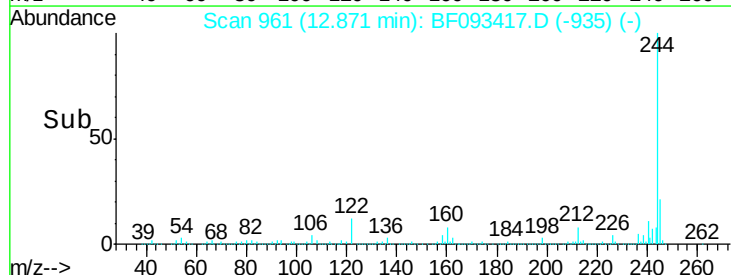
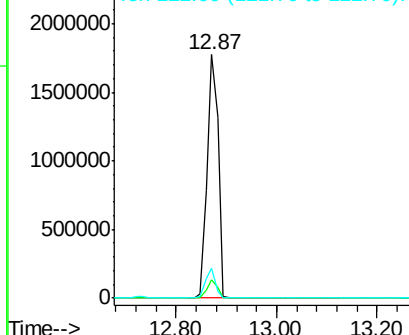


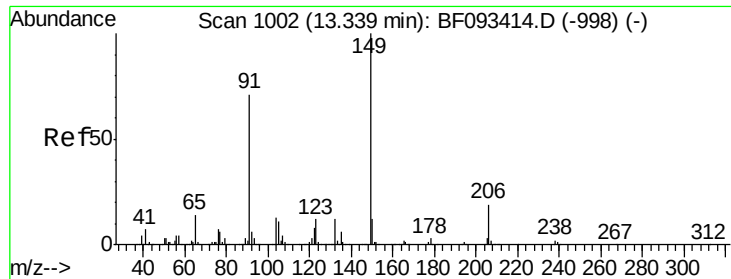
#78
Terphenyl-d14
Concen: 129.04 ng
RT: 12.87 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Tgt Ion:244 Resp: 2706096
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 12.5 11.4 17.2



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





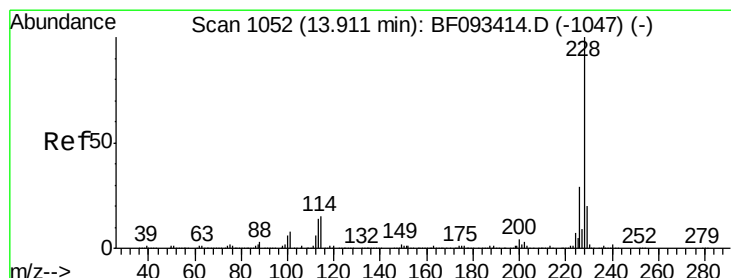
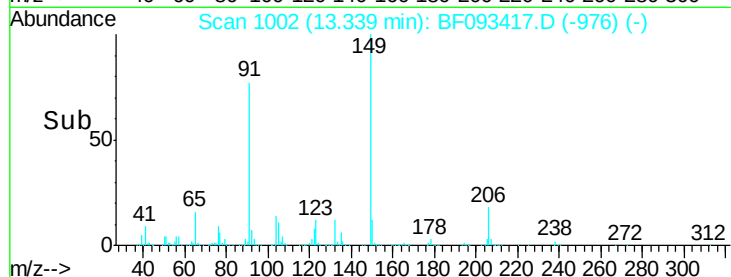
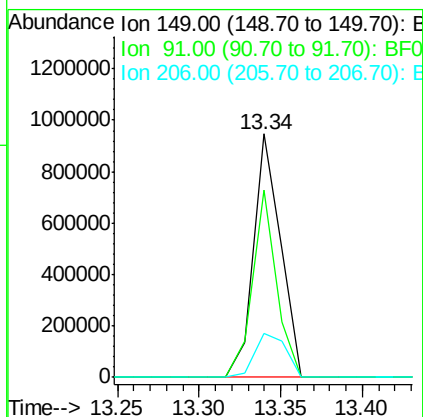
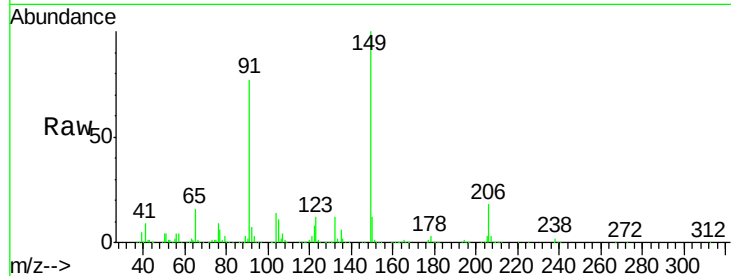
#79
Butylbenzylphthalate
Concen: 72.93 ng
RT: 13.34 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.8	63.9	95.9
206	18.0	14.6	21.8

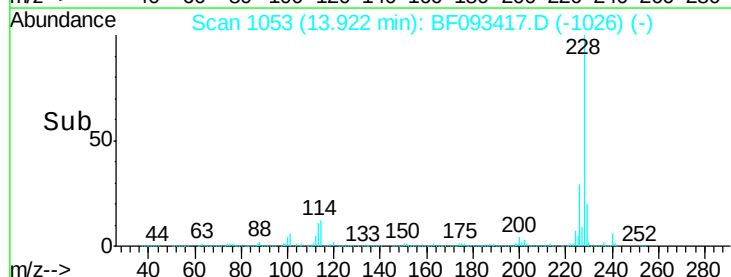
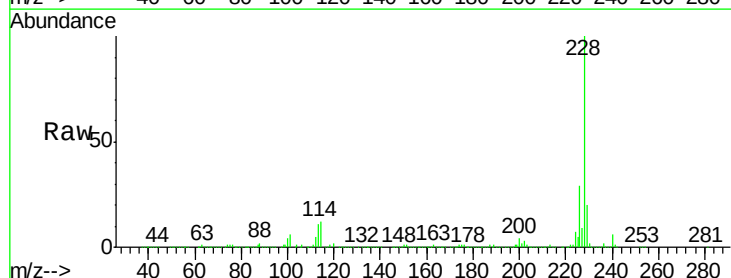
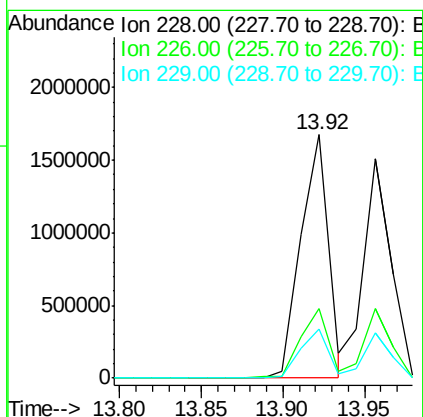
Manual Integrations
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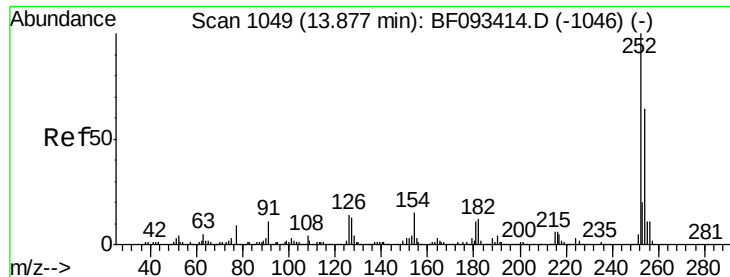
mohammad
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#80
Benzo(a)anthracene
Concen: 65.71 ng
RT: 13.92 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.4	33.6
229	20.3	16.2	24.4





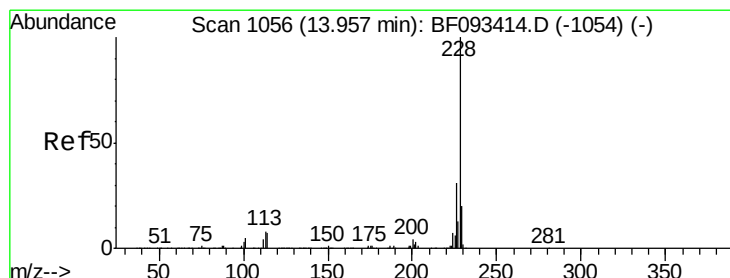
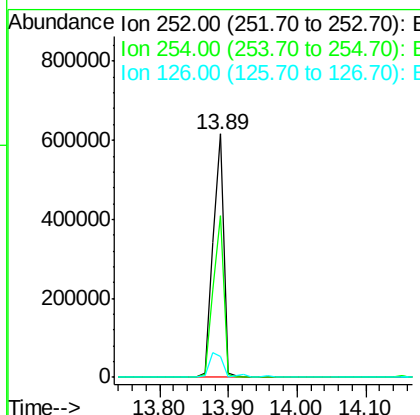
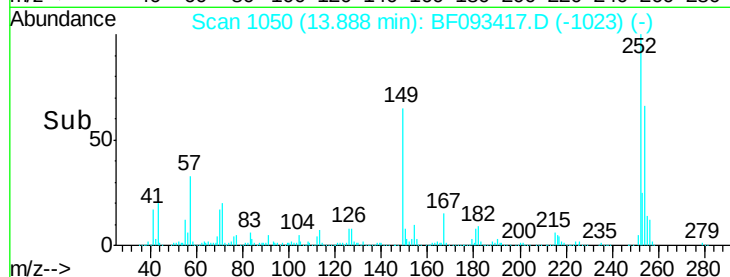
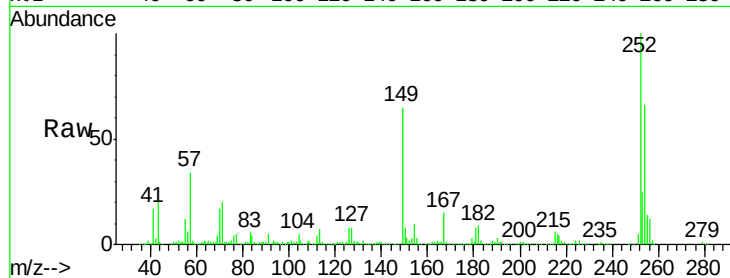
#81
 3,3'-Dichlorobenzidine
 Concen: 63.47 ng
 RT: 13.89 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: BF093417.D
 Acq: 7 Mar 2017 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.3	52.3	78.5
126	8.4	13.6	20.4

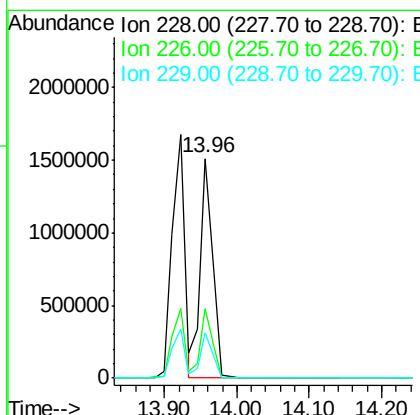
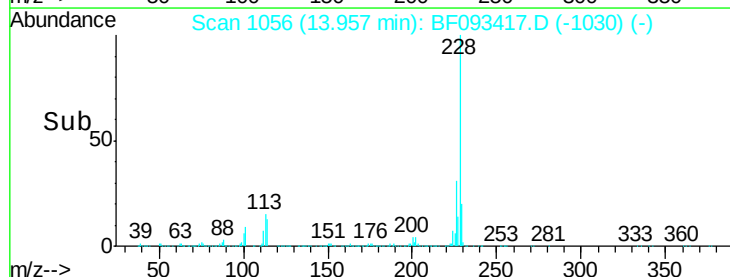
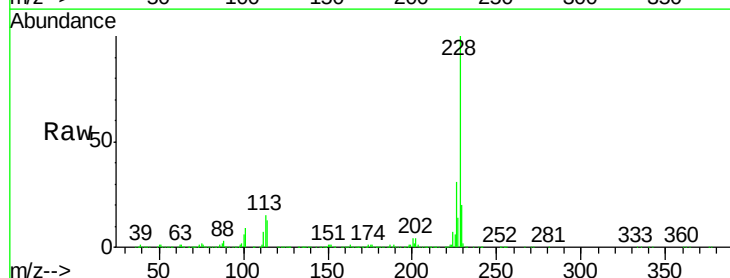
Manual Integrations
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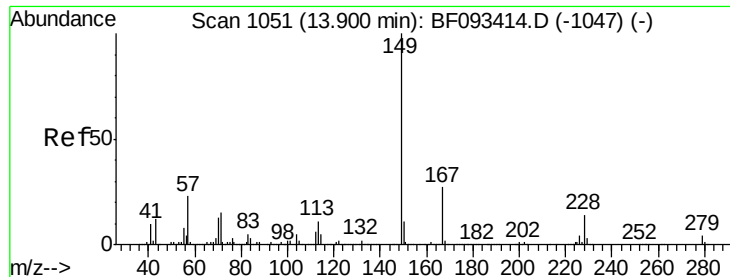
mohammad
 3/8/2017 1:45:34 PM



#82
 Chrysene
 Concen: 63.57 ng
 RT: 13.96 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF093417.D
 Acq: 7 Mar 2017 13:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.4	38.0
229	20.5	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 69.43 ng

RT: 13.90 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 1421909

Ion Ratio Lower Upper

149 100

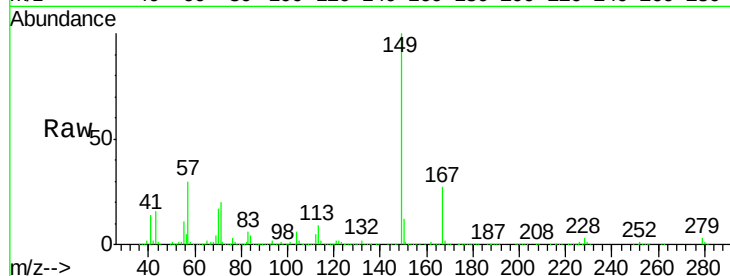
167 26.8 20.2 30.4

279 3.0 1.8 2.8#

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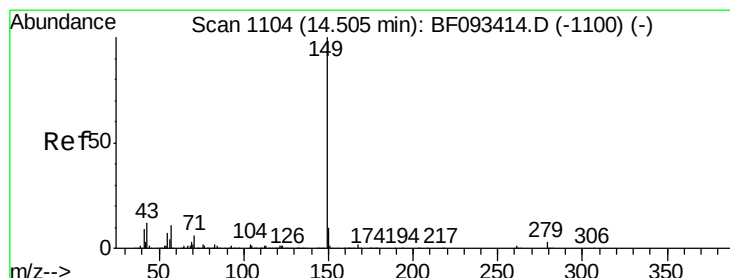
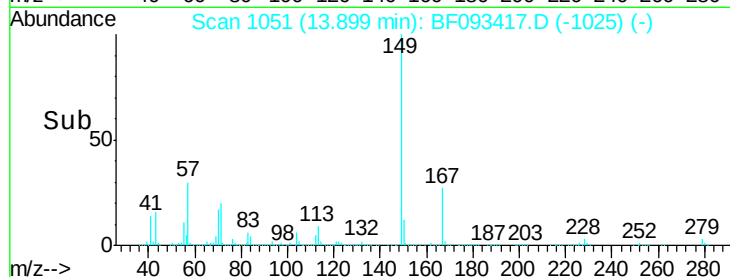
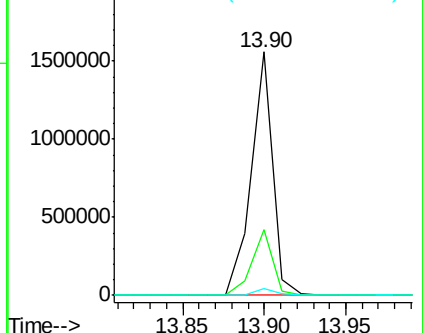
3/8/2017 1:45:34 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 73.15 ng

RT: 14.51 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

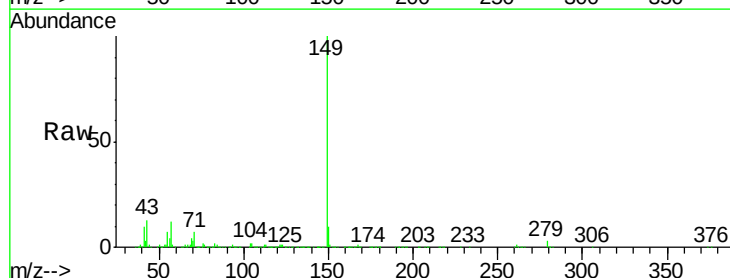
Tgt Ion:149 Resp: 2439408

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

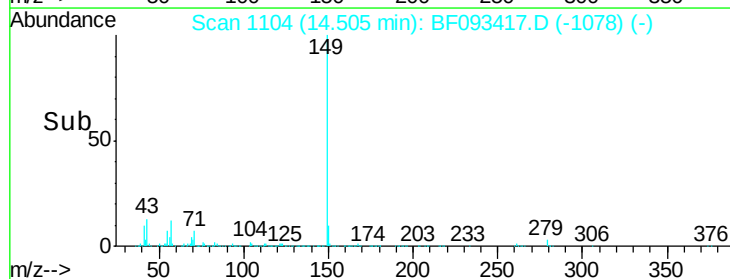
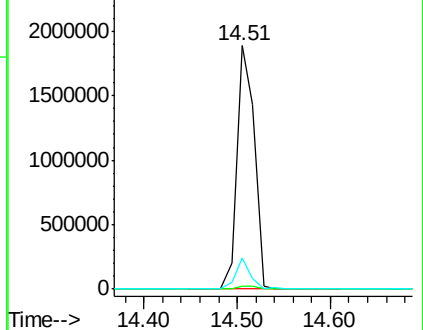
43 11.0 8.9 13.3

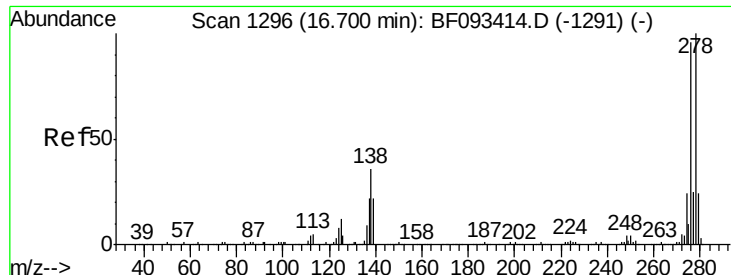


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





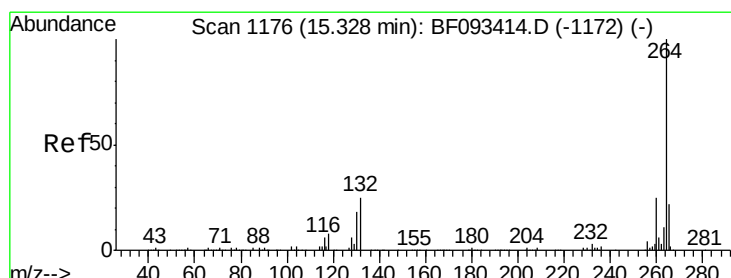
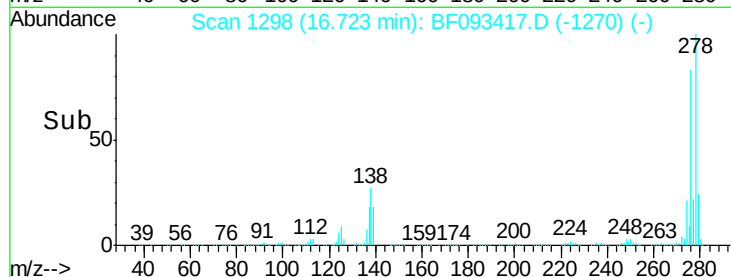
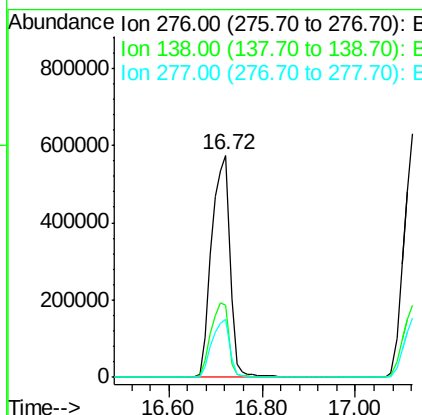
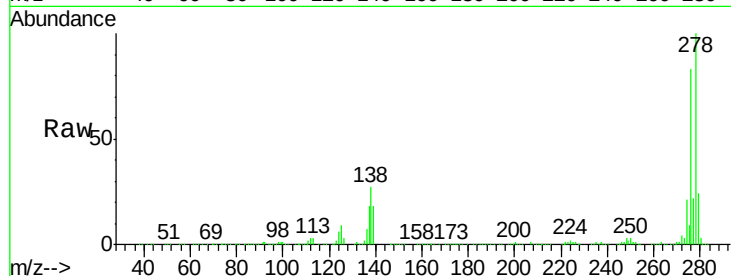
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 72.45 ng
 RT: 16.72 min Scan# 1298
 Delta R.T. 0.02 min
 Lab File: BF093417.D
 Acq: 7 Mar 2017 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:276 Resp: 1583514
 Ion Ratio Lower Upper
 276 100
 138 33.1 21.8 32.6#
 277 25.4 20.2 30.4

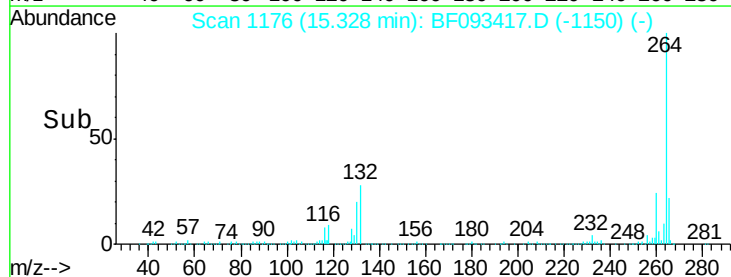
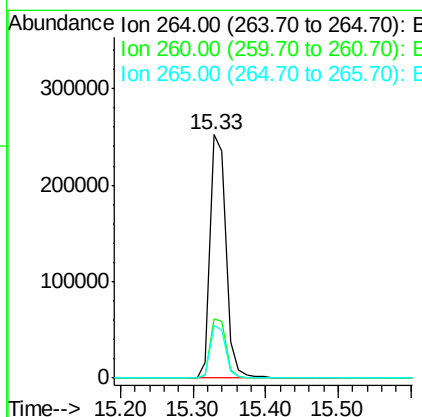
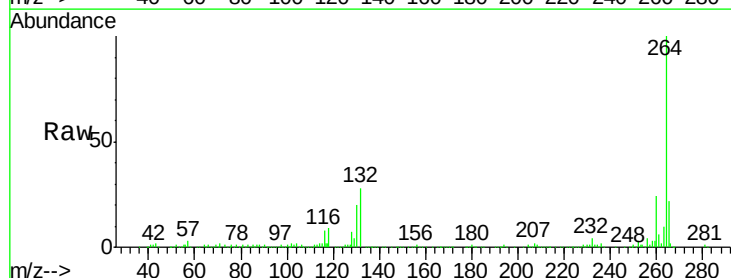
Manual Integrations
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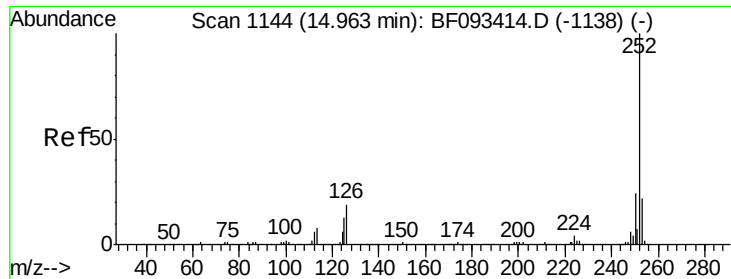
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF093417.D
 Acq: 7 Mar 2017 13:47

Tgt Ion:264 Resp: 383125
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.9 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 67.30 ng m

RT: 14.94 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:252 Resp: 1697203

Ion Ratio Lower Upper

252 100

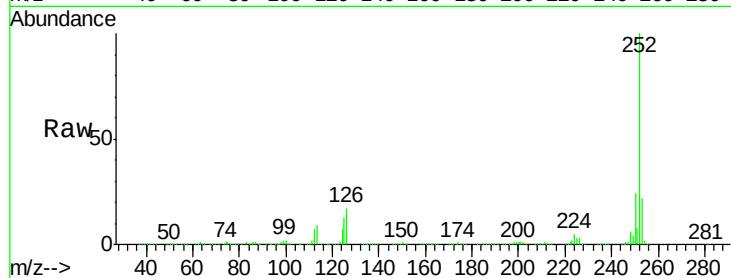
253 22.3 18.2 27.4

125 13.5 9.8 14.6

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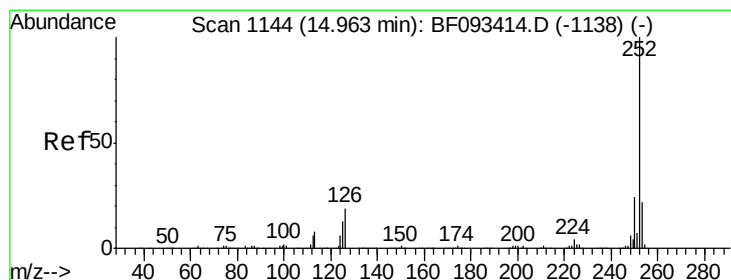
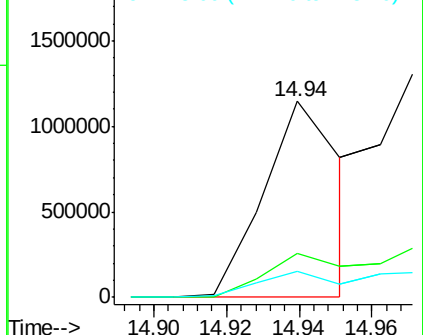
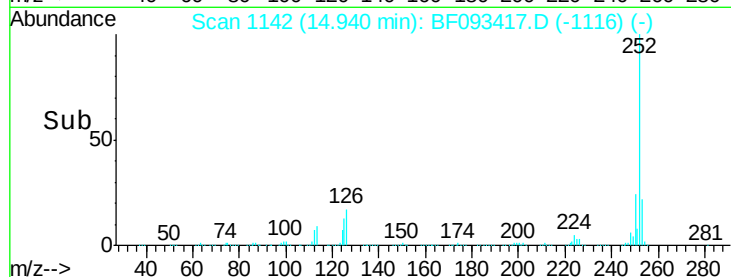
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 77.09 ng m

RT: 14.97 min Scan# 1145

Delta R.T. 0.01 min

Lab File: BF093417.D

Acq: 7 Mar 2017 13:47

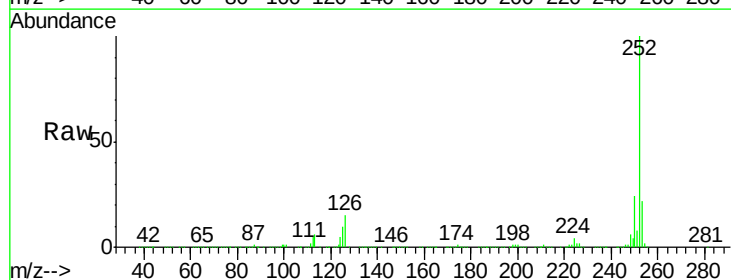
Tgt Ion:252 Resp: 1678597

Ion Ratio Lower Upper

252 100

253 22.3 18.5 27.7

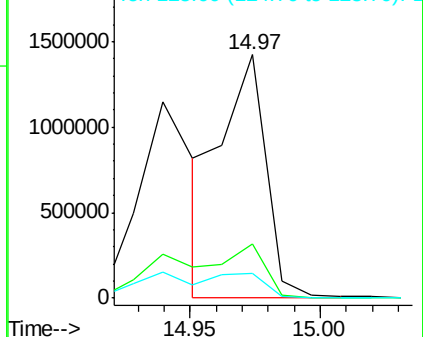
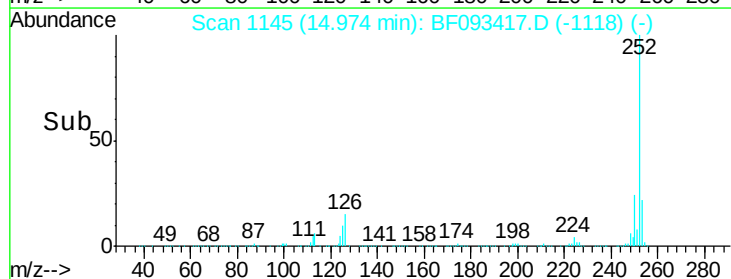
125 10.3 8.9 13.3

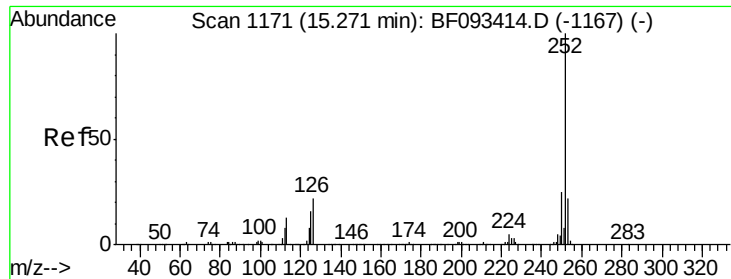


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





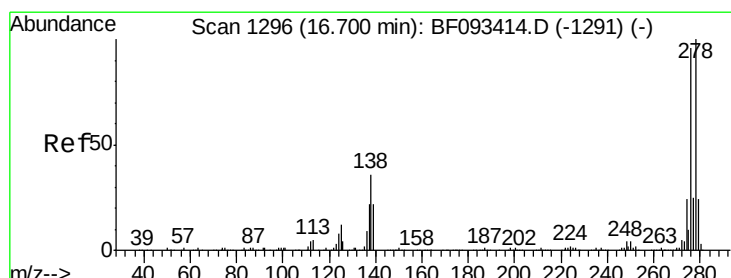
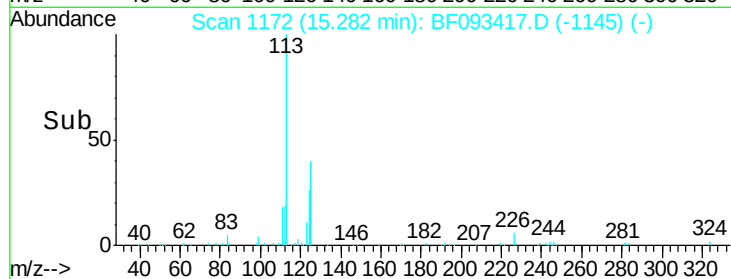
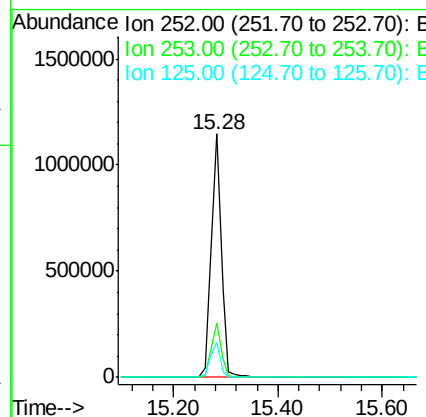
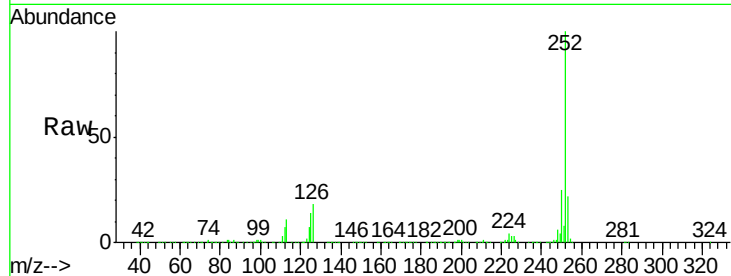
#89
Benzo(a)pyrene
Concen: 69.65 ng
RT: 15.28 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	14.3	10.0	15.0

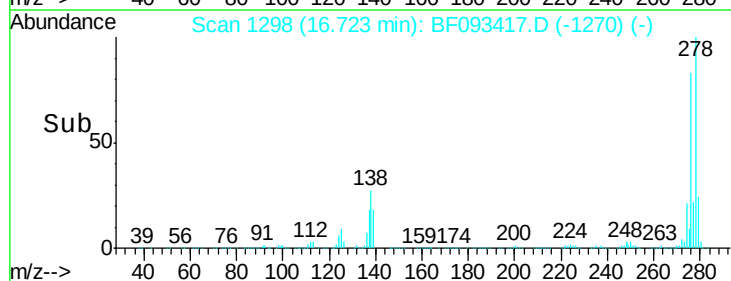
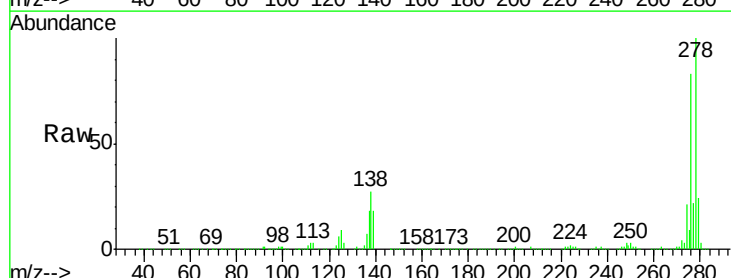
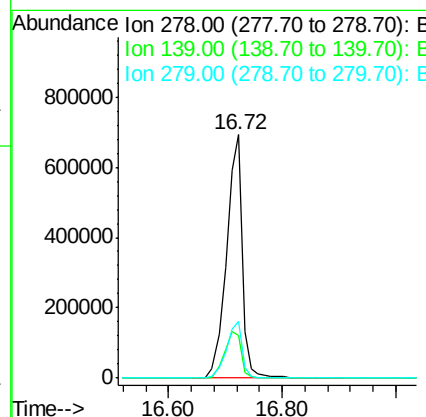
Manual Integrations
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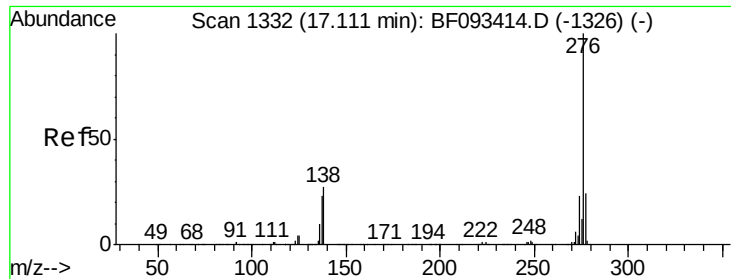
mohammad
3/8/2017 1:45:34 PM



#90
Dibenzo(a,h)anthracene
Concen: 76.37 ng
RT: 16.72 min Scan# 1298
Delta R.T. 0.02 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	14.8	22.2
279	23.6	19.8	29.6





#91
Benzo(a,h,i)perylene
Concen: 80.91 ng
RT: 17.12 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF093417.D
Acq: 7 Mar 2017 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	29.6	16.0	24.0

Manual Integrations
APPROVED

mohammad
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