

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
 Data File : BF093767.D
 Acq On : 20 Mar 2017 16:20
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 3/21/2017 2:45:20 PM

Quant Time: Mar 21 09:09:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 16:03:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	219006	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	909726	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	414027	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	695618	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	474751	20.00	ng	-0.02
86) Perylene-d12	15.39	264	433821	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1015669	81.10	ng	-0.01
7) Phenol-d6	6.47	99	1261675	81.53	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1342974	83.74	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	256149	79.88	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1846533	75.00	ng	-0.01
78) Terphenyl-d14	12.94	244	1930424	82.90	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.44	88	260961	41.12	ng	97
3) Pyridine	3.13	79	721097	42.41	ng	96
4) n-Nitrosodimethylamine	3.09	42	309765	42.25	ng	95
6) Aniline	6.49	93	867777	40.10	ng	99
8) 2-Chlorophenol	6.62	128	554720	40.27	ng	99
9) Benzaldehyde	6.38	77	452331	41.35	ng	100
10) Phenol	6.48	94	801266	46.06	ng	97
11) bis(2-Chloroethyl)ether	6.57	93	577367	40.88	ng	100
12) 1,3-Dichlorobenzene	6.78	146	649587	41.58	ng	100
13) 1,4-Dichlorobenzene	6.86	146	673573	42.26	ng	100
14) 1,2-Dichlorobenzene	7.01	146	553914	37.89	ng	100
15) Benzyl Alcohol	6.97	79	466601	40.69	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	888902	39.58	ng	99
17) 2-Methylphenol	7.09	107	507401	41.97	ng	99
18) Hexachloroethane	7.35	117	234830	41.56	ng	# 73
19) n-Nitroso-di-n-propylamine	7.26	70	395511	39.01	ng	99
20) 3+4-Methylphenols	7.25	107	528621	36.93	ng	98
22) Acetophenone	7.25	105	693092	35.19	ng	99
24) Nitrobenzene	7.42	77	592744	38.69	ng	99
25) Isophorone	7.67	82	1117358	39.33	ng	# 90
26) 2-Nitrophenol	7.74	139	320280	46.23	ng	97
27) 2,4-Dimethylphenol	7.78	122	553582	38.85	ng	93
28) bis(2-Chloroethoxy)methane	7.88	93	711948	38.95	ng	98
29) 2,4-Dichlorophenol	7.98	162	495527	40.85	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	515804	40.95	ng	99
31) Naphthalene	8.15	128	1752589	41.50	ng	99
32) Benzoic acid	7.90	122	365879	41.29	ng	99
33) 4-Chloroaniline	8.20	127	681914	37.58	ng	# 86
34) Hexachlorobutadiene	8.28	225	267604	40.40	ng	99
35) Caprolactam	8.56	113	147144	38.65	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	528295	42.03	ng	95
37) 2-Methylnaphthalene	8.84	142	1107753	40.19	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	453296	41.34	ng	99
40) Hexachlorocyclopentadiene	9.00	237	226586	40.96	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	337610	42.41	nq	99
43) 2,4,5-Trichlorophenol	9.14	196	301641	36.50	nq	99
45) 1,1'-Biphenyl	9.30	154	1328439	39.48	nq	99
46) 2-Chloronaphthalene	9.33	162	1038021	40.23	nq	99
47) 2-Nitroaniline	9.41	65	270828	37.59	nq	99
48) Acenaphthylene	9.74	152	1754112	41.78	nq	100
49) Dimethylphthalate	9.60	163	1083159	36.76	nq	100
50) 2,6-Dinitrotoluene	9.66	165	287375	44.43	nq	97
51) Acenaphthene	9.91	154	1013849	40.43	nq	99
52) 3-Nitroaniline	9.82	138	267879	34.50	nq	98
53) 2,4-Dinitrophenol	9.92	184	112062	44.13	nq	# 83
54) Dibenzofuran	10.08	168	1411000	41.81	nq	98
55) 4-Nitrophenol	9.98	139	265567	45.53	nq	89
56) 2,4-Dinitrotoluene	10.06	165	383592	46.71	nq	98
57) Fluorene	10.42	166	1046805	40.50	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	243605	42.91	nq	98
59) Diethylphthalate	10.30	149	1093218	38.07	nq	99
60) 4-Chlorophenyl-phenylether	10.41	204	412280	37.85	nq	98
61) 4-Nitroaniline	10.44	138	297662	42.85	nq	96
62) Azobenzene	10.57	77	1171439	41.24	nq	98
64) 4,6-Dinitro-2-methylphenol	10.46	198	153630	38.12	nq	93
65) n-Nitrosodiphenylamine	10.53	169	902252	38.91	nq	100
66) 4-Bromophenyl-phenylether	10.90	248	291697	43.56	nq	92
67) Hexachlorobenzene	10.97	284	296462	42.94	nq	98
68) Atrazine	11.07	200	299969	42.14	nq	98
69) Pentachlorophenol	11.16	266	181001	44.83	nq	98
70) Phenanthrene	11.37	178	1338179	36.12	nq	100
71) Anthracene	11.43	178	1625880	42.63	nq	99
72) Carbazole	11.58	167	1526480	40.42	nq	100
73) Di-n-butylphthalate	11.92	149	1745778	42.95	nq	99
74) Fluoranthene	12.56	202	1592773	41.83	nq	95
76) Benzidine	12.68	184	820032	39.37	nq	98
77) Pyrene	12.78	202	1541392	39.01	nq	99
79) Butylbenzylphthalate	13.41	149	671894	38.05	nq	# 77
80) Benzo(a)anthracene	13.97	228	1209594	40.68	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	450371	40.19	nq	# 97
82) Chrysene	14.00	228	1032375	34.75	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	900357	42.33	nq	# 97
84) Di-n-octyl phthalate	14.59	149	1665457	42.92	nq	100
85) Indeno(1,2,3-cd)pyrene	16.75	276	929235	38.19	nq	99
87) Benzo(b)fluoranthene	14.99	252	1075779	36.78	nq	99
88) Benzo(k)fluoranthene	15.02	252	1032915m	47.83	nq	
89) Benzo(a)pyrene	15.33	252	993034	41.87	nq	99
90) Dibenzo(a,h)anthracene	16.77	278	804474	40.85	nq	98
91) Benzo(g,h,i)perylene	17.16	276	789866	40.41	nq	98

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

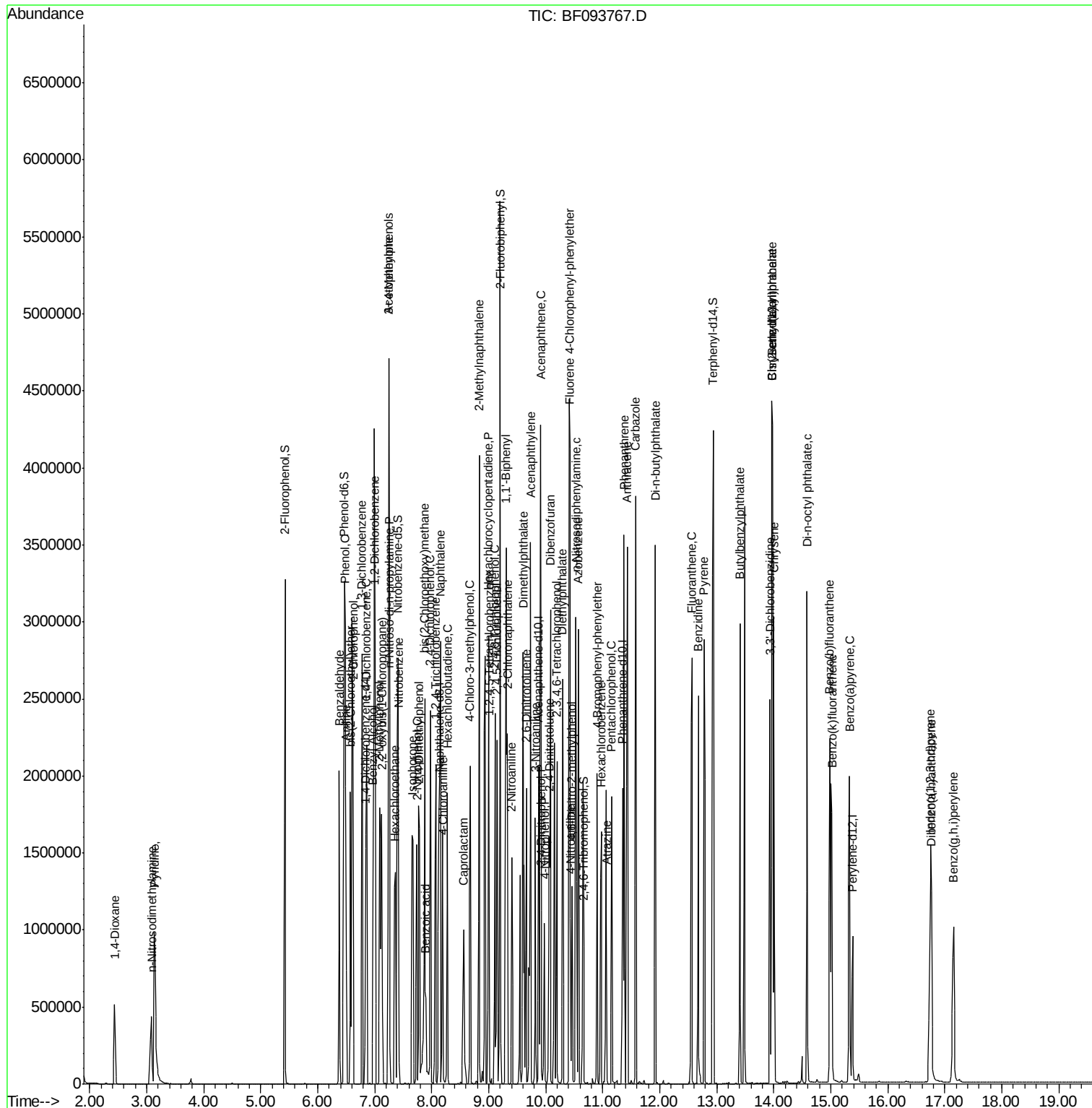
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\  
Data File : BF093767.D  
Acq On    : 20 Mar 2017  16:20  
Operator  : SJ/MA  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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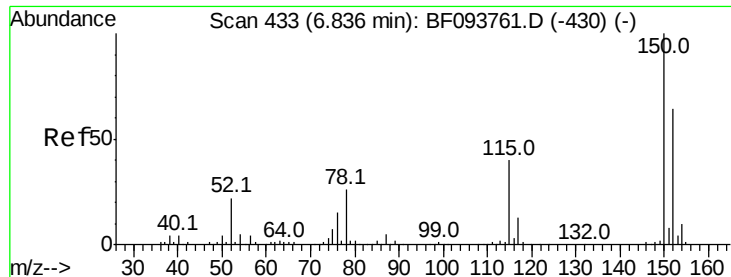
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 219006

Ion Ratio Lower Upper

152 100

150 161.1 126.2 189.2

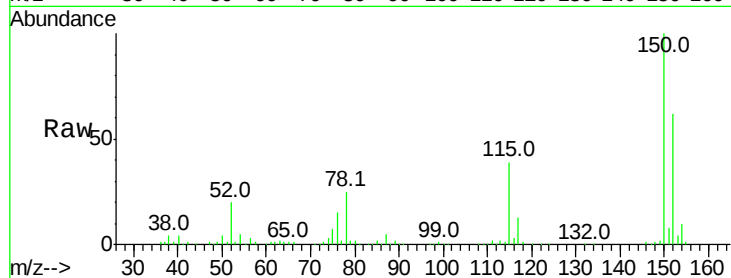
115 63.0 52.2 78.2

Manual Integrations

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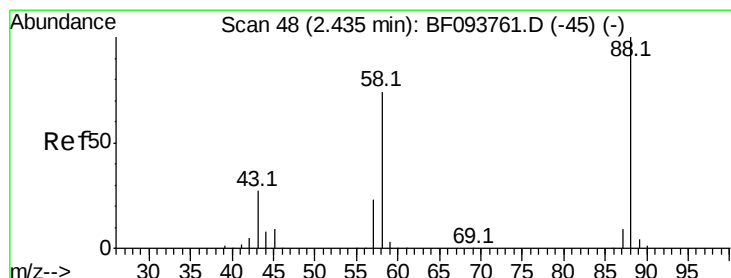
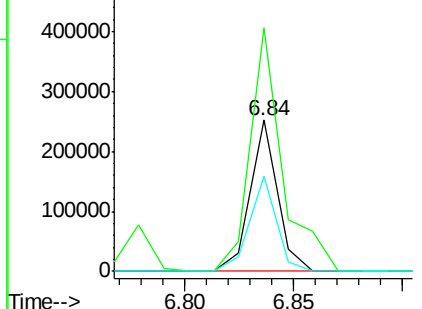
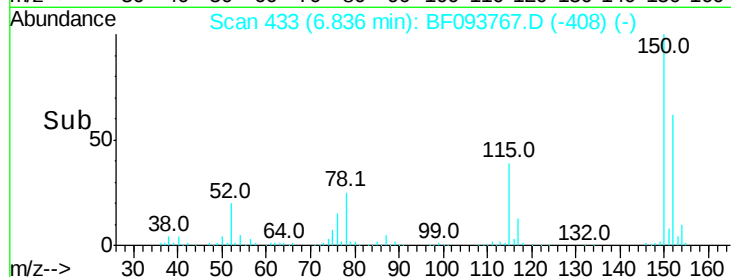
3/21/2017 2:45:20 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.12 ng

RT: 2.44 min Scan# 48

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

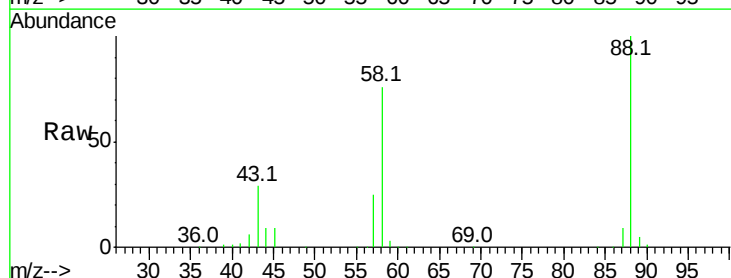
Tgt Ion: 88 Resp: 260961

Ion Ratio Lower Upper

88 100

58 74.1 61.4 92.0

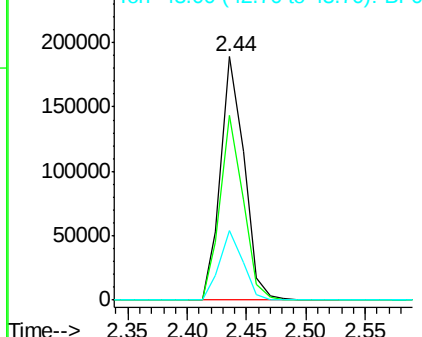
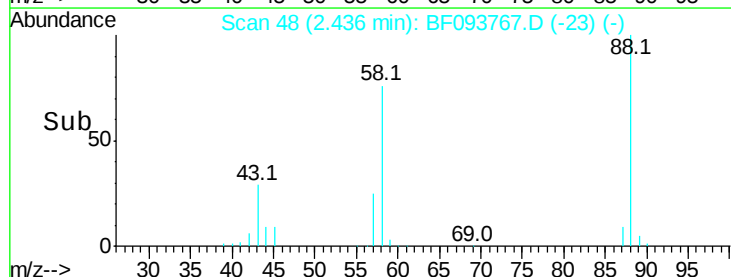
43 28.1 23.4 35.0

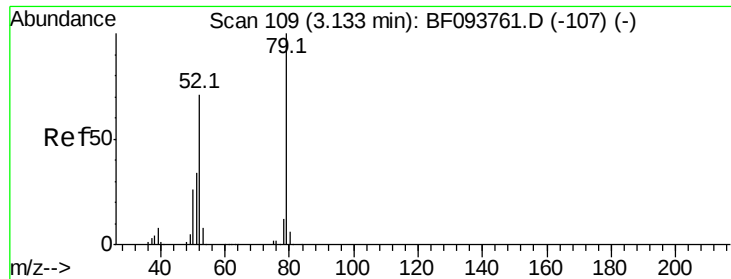


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





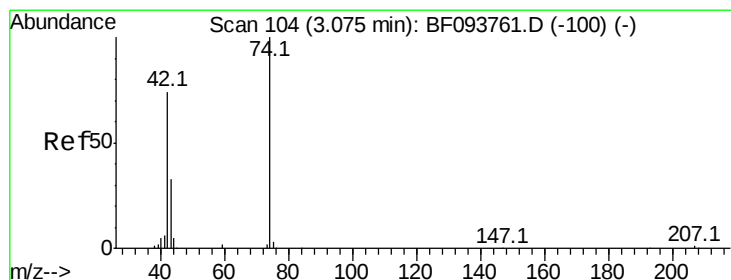
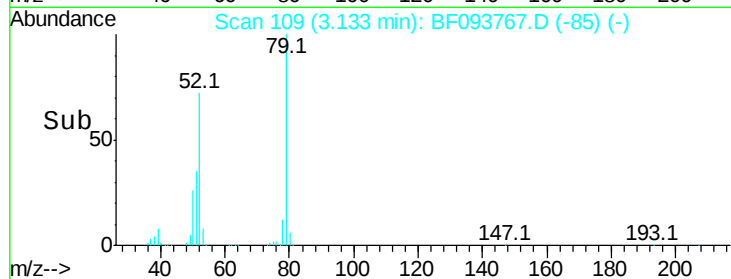
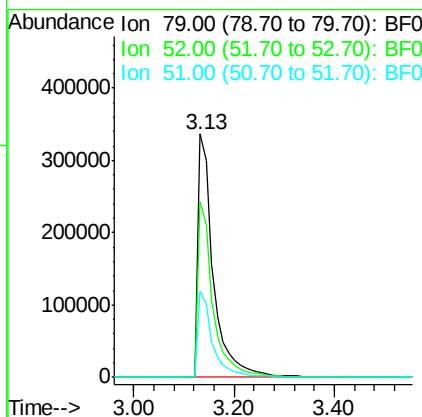
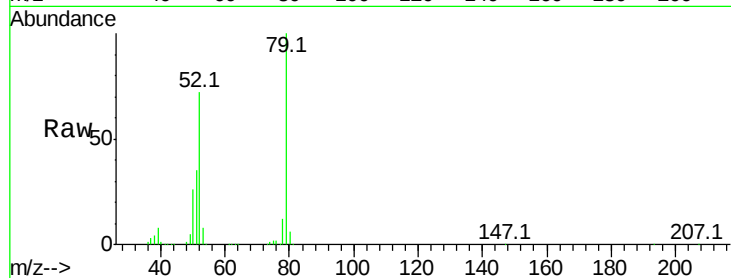
#3
 Pvridine
 Concen: 42.41 ng
 RT: 3.13 min Scan# 109
 Delta R.T. -0.02 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	72.2	54.8	82.2
51	35.2	27.0	40.4

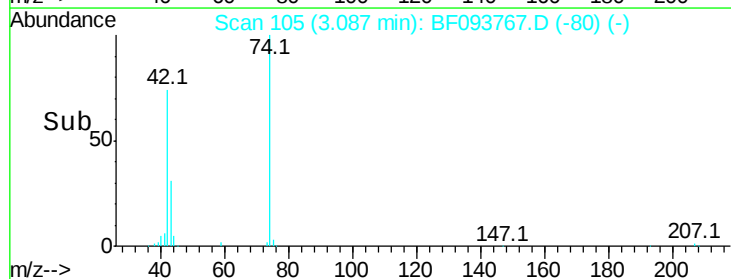
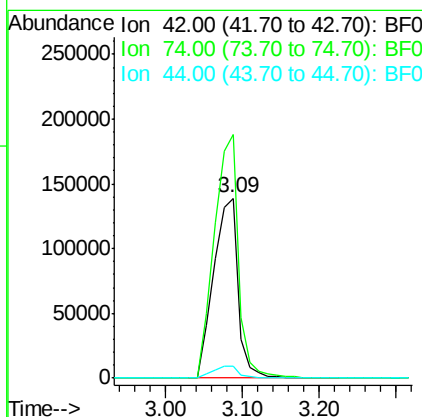
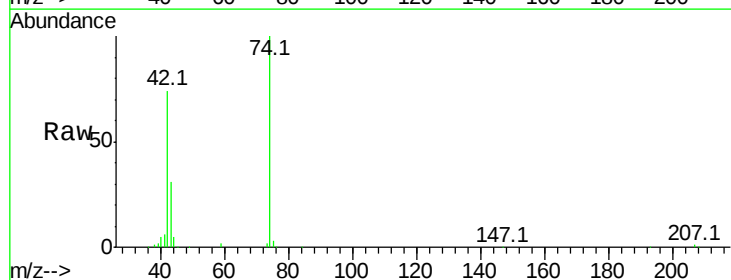
Manual Integrations
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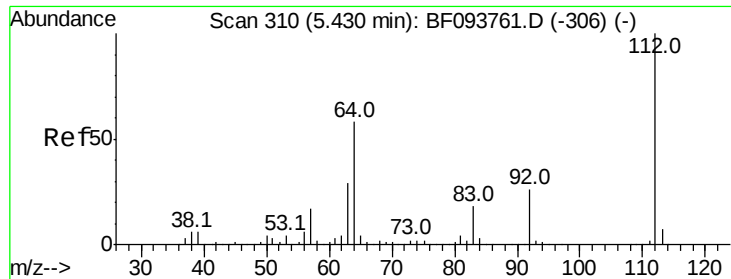
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#4
 n-Nitrosodimethylamine
 Concen: 42.25 ng
 RT: 3.09 min Scan# 105
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	135.4	103.9	155.9
44	6.5	5.7	8.5





#5

2-Fluorophenol

Concen: 81.10 ng

RT: 5.43 min Scan# 310

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1015669

Ion Ratio Lower Upper

112 100

64 57.4 46.0 69.0

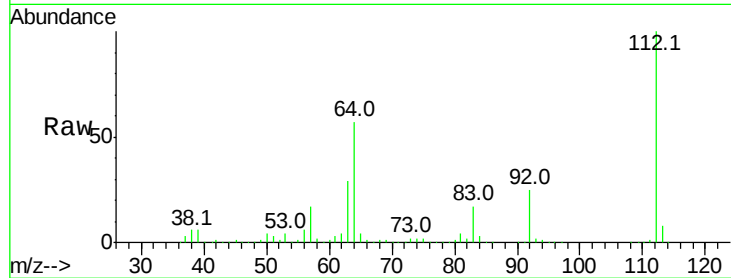
63 28.6 23.4 35.0

Manual Integrations

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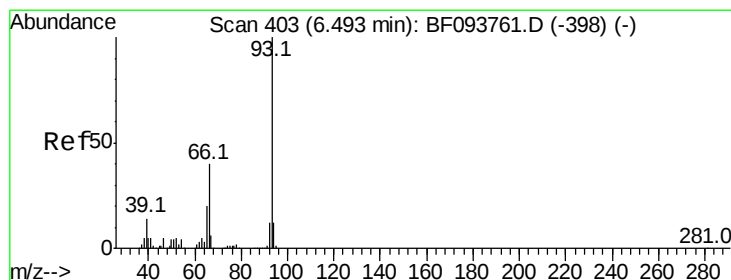
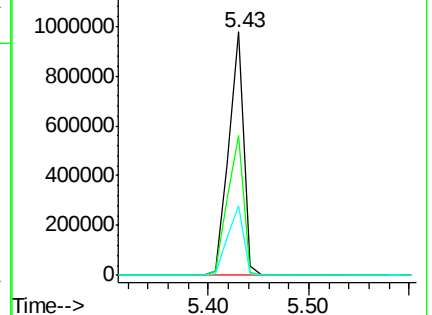
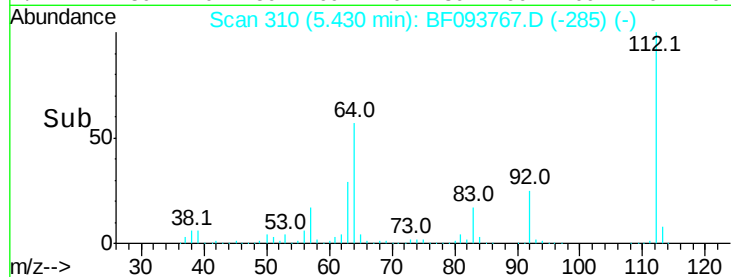
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.10 ng

RT: 6.49 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

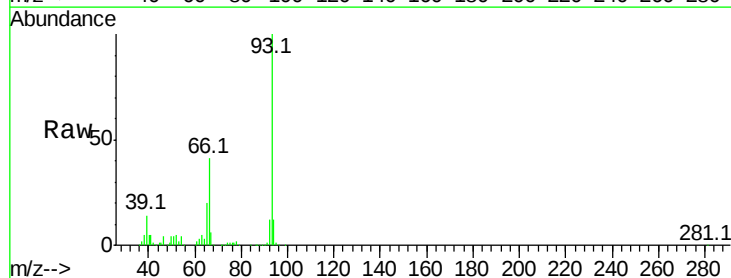
Tgt Ion: 93 Resp: 867777

Ion Ratio Lower Upper

93 100

66 40.7 32.9 49.3

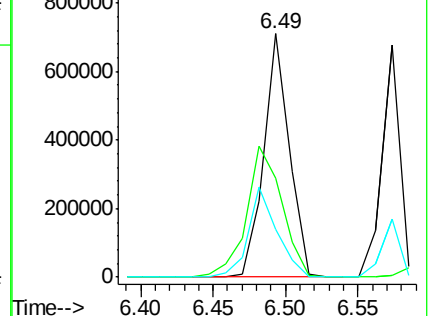
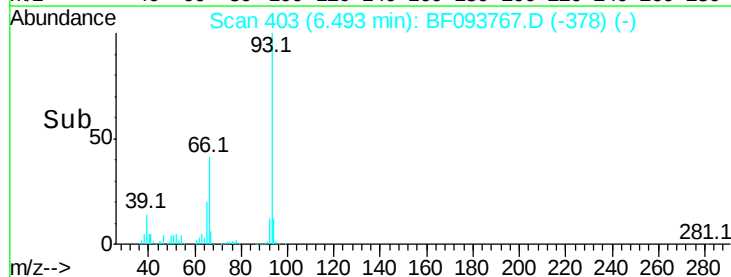
65 19.8 16.0 24.0

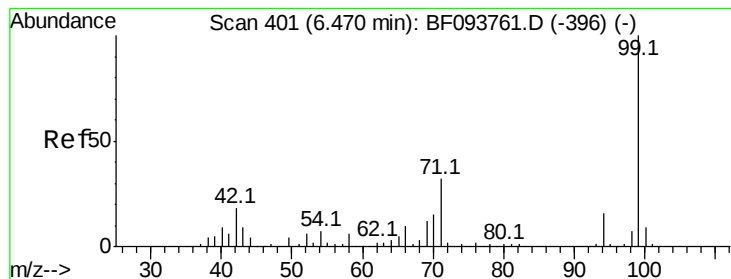


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.53 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion: 99 Resp: 1261675

Ion Ratio Lower Upper

99 100

42 18.2 13.5 20.3

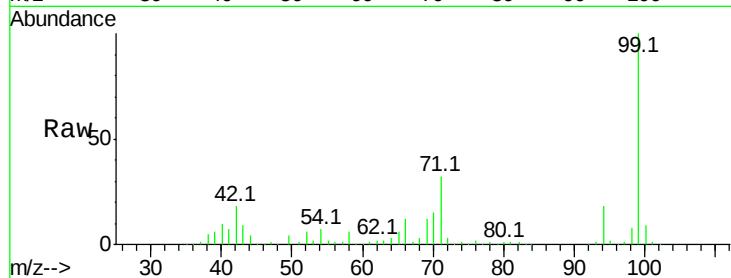
71 32.3 24.5 36.7

Manual Integrations

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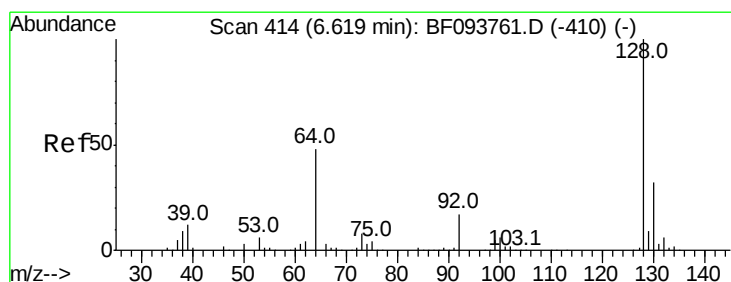
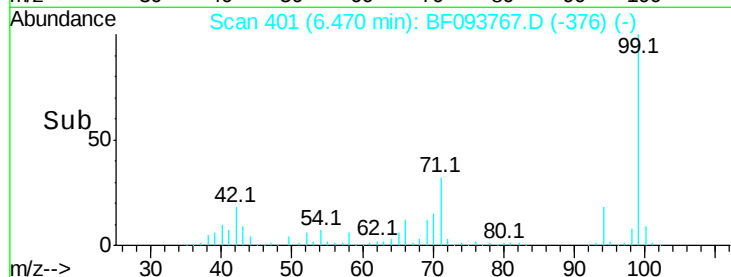
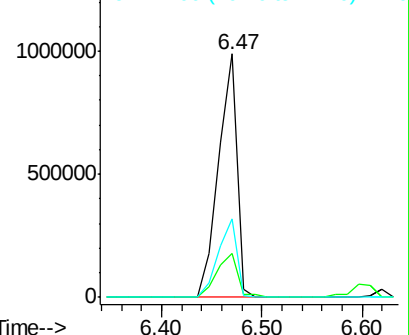
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.27 ng

RT: 6.62 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

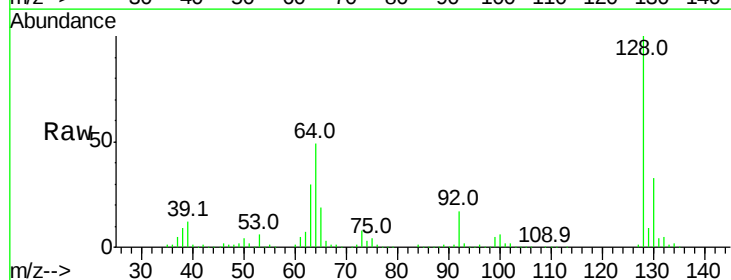
Tgt Ion: 128 Resp: 554720

Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

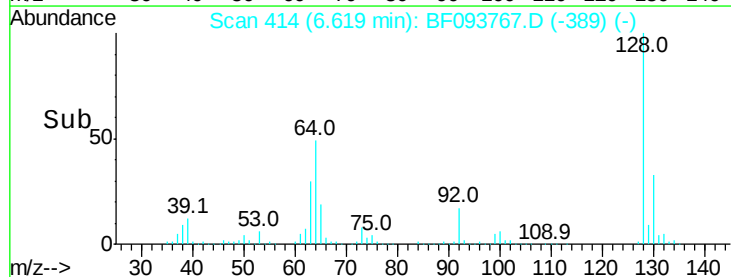
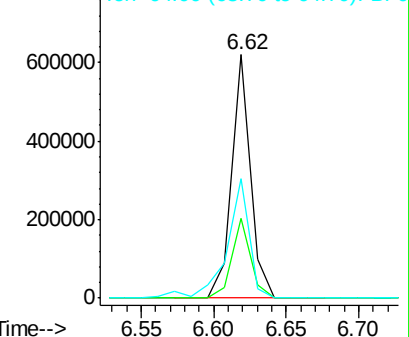
64 49.2 28.4 68.4

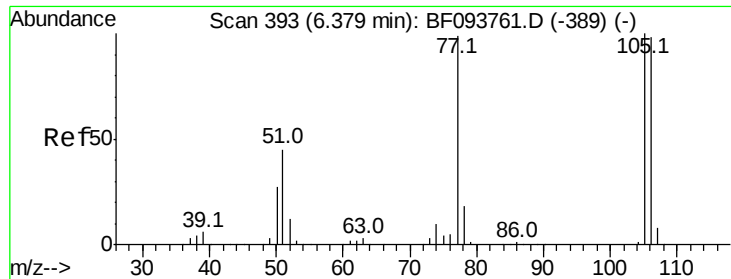


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 41.35 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

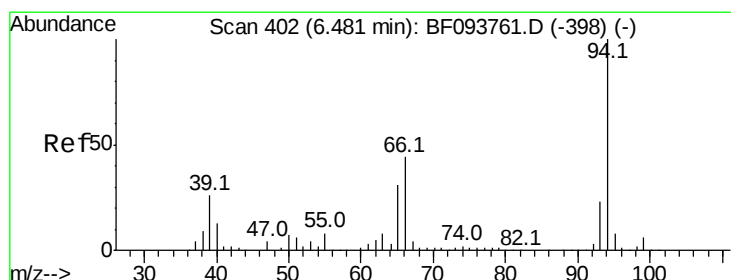
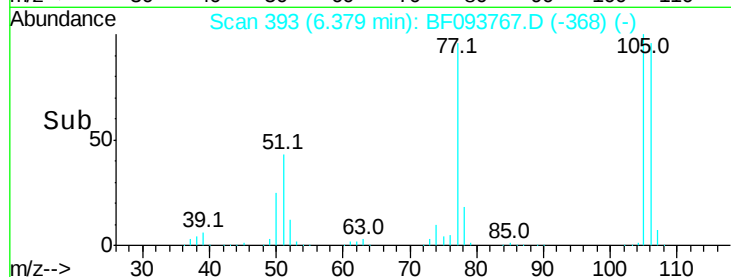
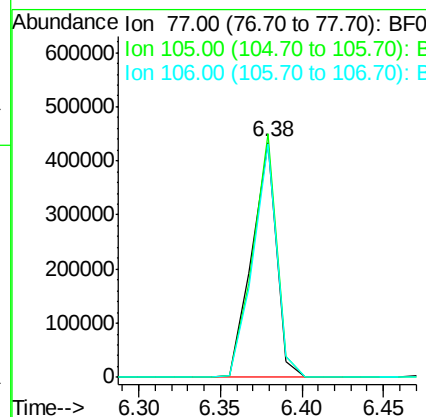
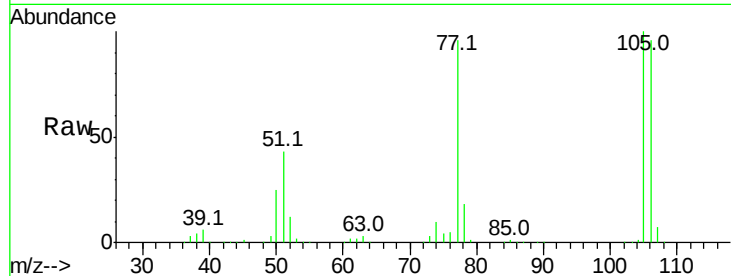
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	452331
Ion Ratio	Lower	Upper	
77	100		
105	103.7	83.8	123.8
106	99.5	79.1	119.1

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#10

Phenol

Concen: 46.06 ng

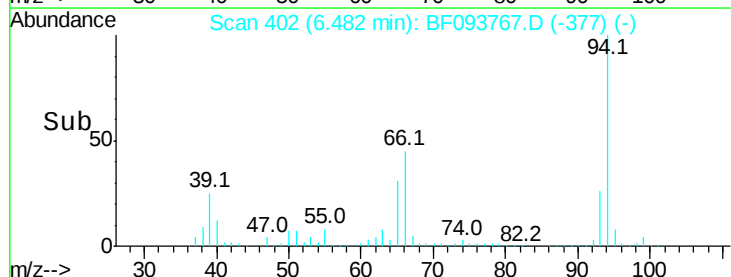
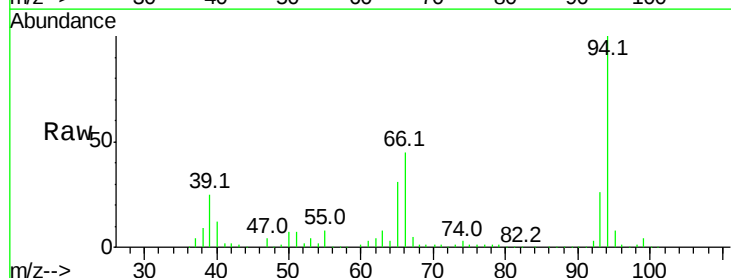
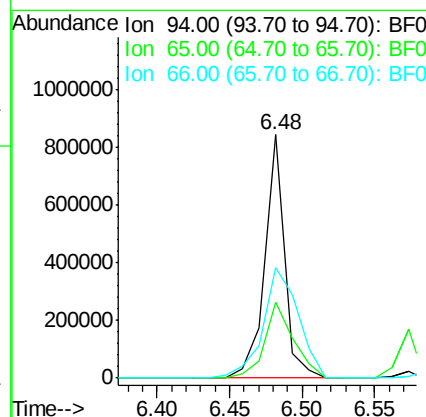
RT: 6.48 min Scan# 402

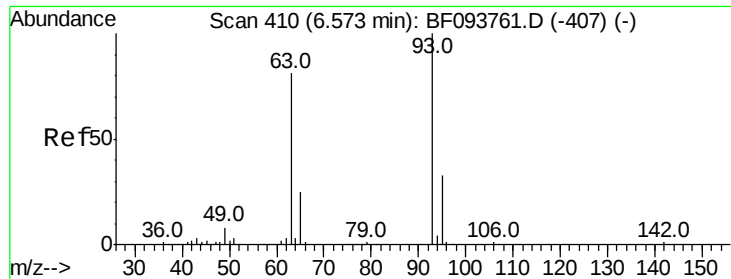
Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Tgt Ion:	94	Resp:	801266
Ion Ratio	Lower	Upper	
94	100		
65	31.2	9.9	49.9
66	45.4	23.1	63.1





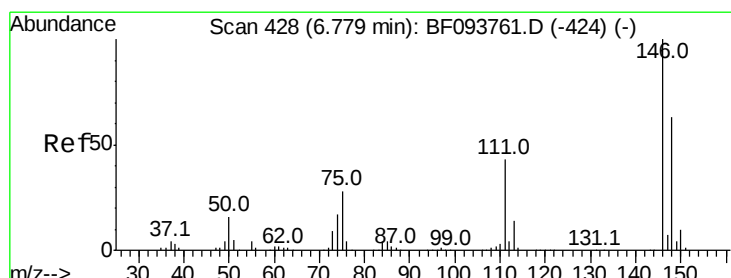
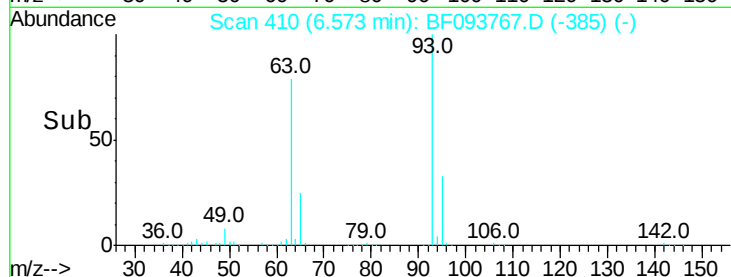
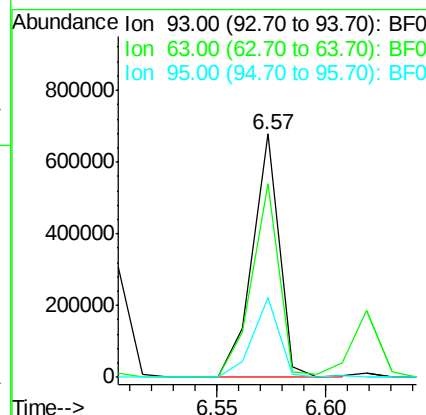
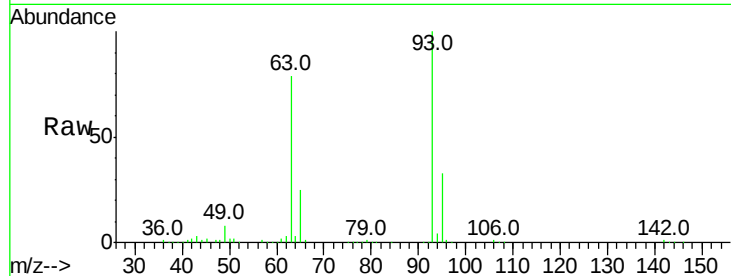
#11
bis(2-Chloroethyl)ether
Concen: 40.88 ng
RT: 6.57 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.5	59.2	99.2
95	32.8	12.8	52.8

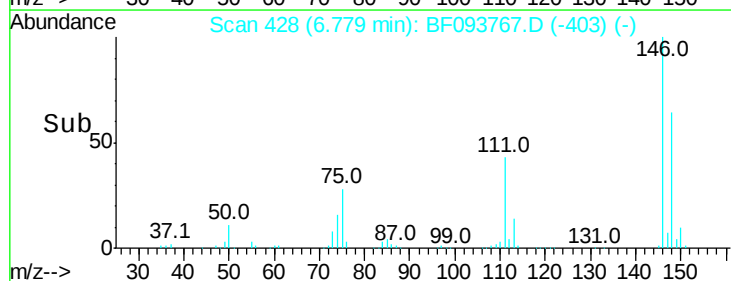
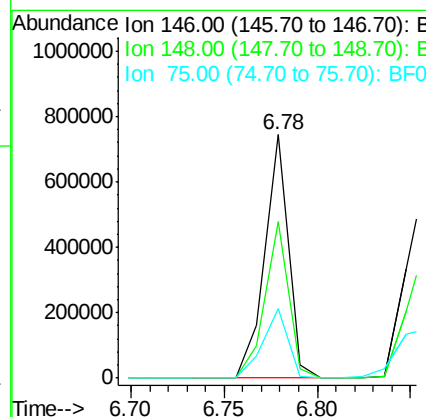
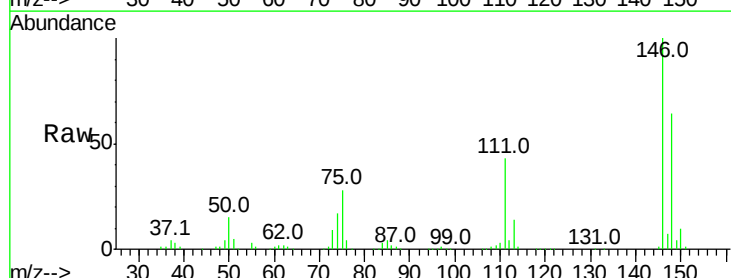
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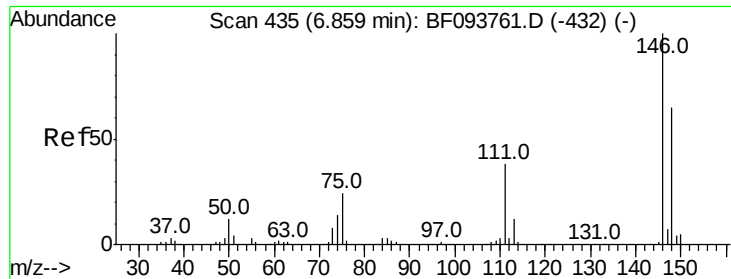
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.58 ng
RT: 6.78 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.6
75	28.4	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 42.26 ng

RT: 6.86 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

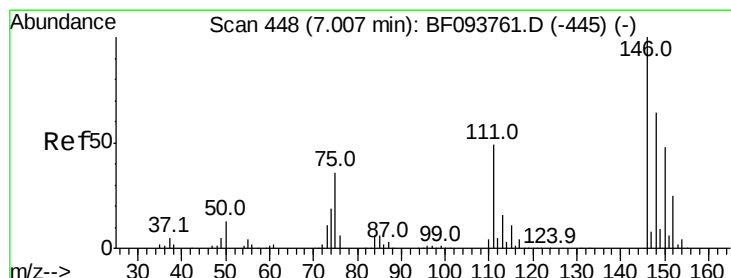
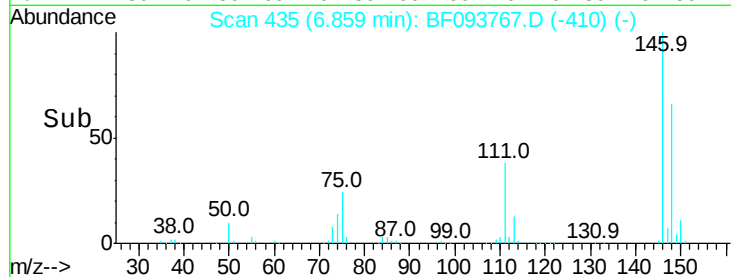
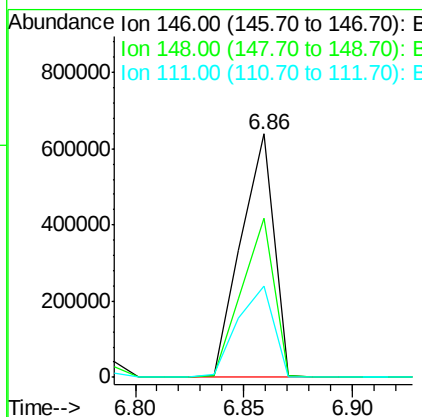
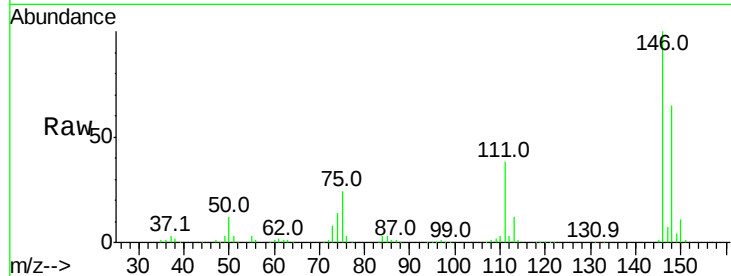
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	673573
Ion Ratio	Lower	Upper	
146	100		
148	65.5	52.2	78.2
111	37.7	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 37.89 ng

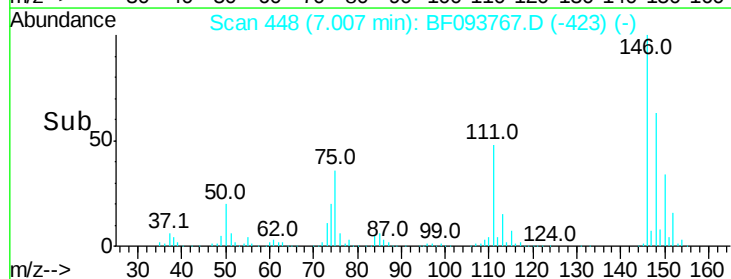
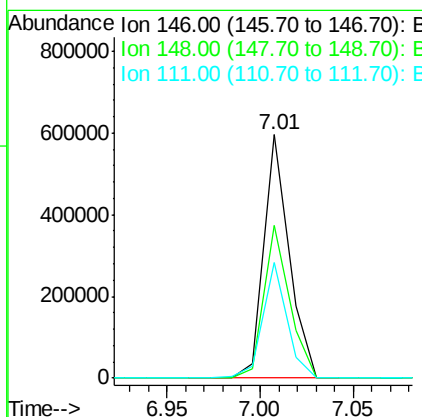
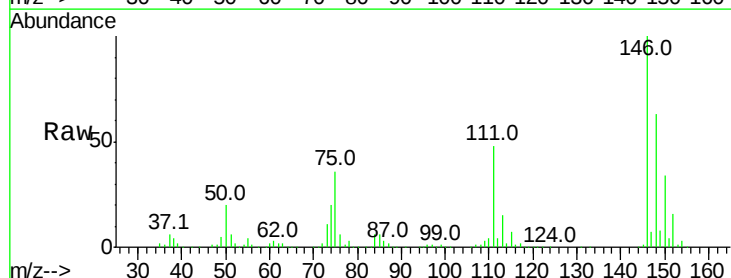
RT: 7.01 min Scan# 448

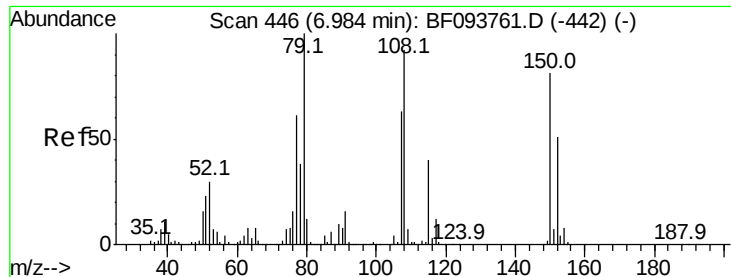
Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Tgt Ion:	146	Resp:	553914
Ion Ratio	Lower	Upper	
146	100		
148	62.6	50.4	75.6
111	47.7	38.2	57.4





#15

Benzyl Alcohol

Concen: 40.69 ng

RT: 6.97 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

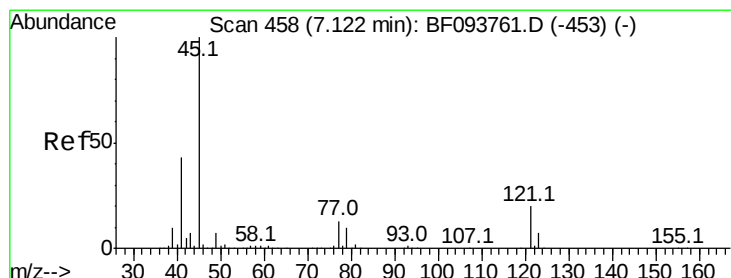
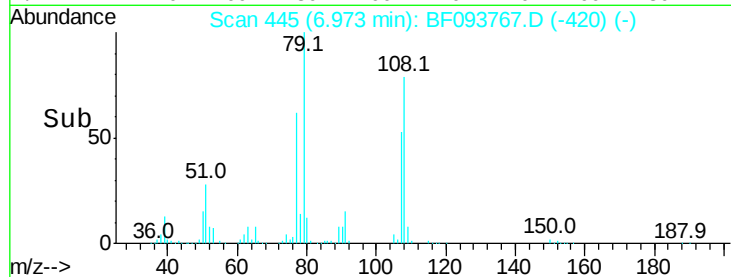
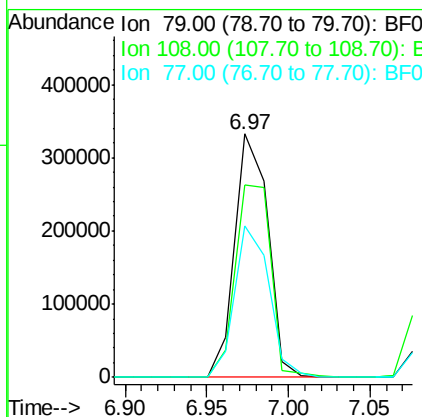
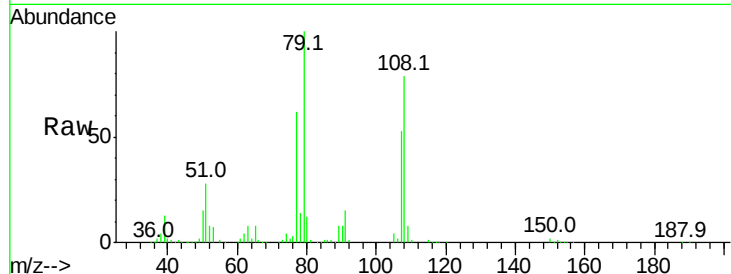
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	466601
Ion Ratio	Lower	Upper	
79	100		
108	78.9	63.4	95.0
77	62.1	49.2	73.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.58 ng

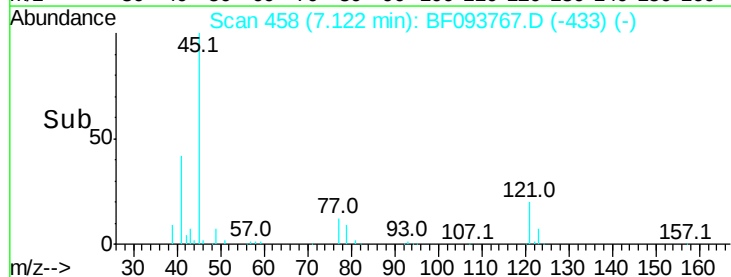
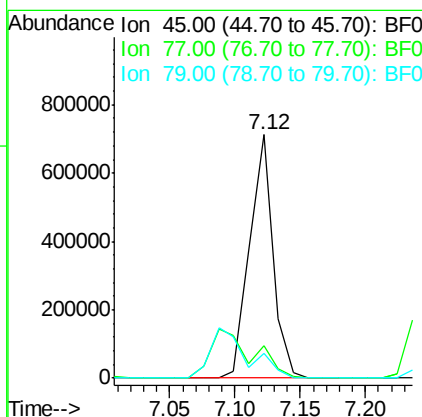
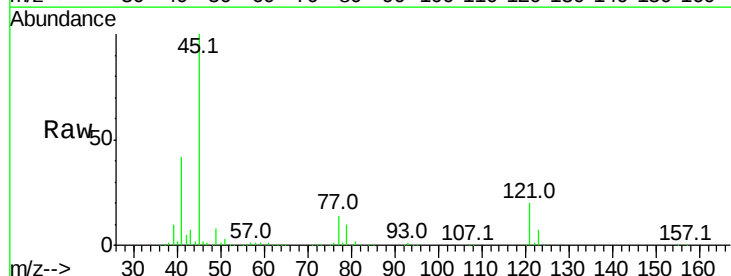
RT: 7.12 min Scan# 458

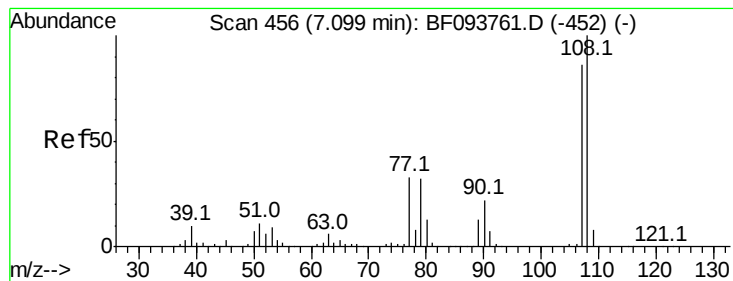
Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Tgt Ion:	45	Resp:	888902
Ion Ratio	Lower	Upper	
45	100		
77	13.5	0.0	33.2
79	10.2	0.0	30.0





#17

2-Methylphenol

Concen: 41.97 ng

RT: 7.09 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

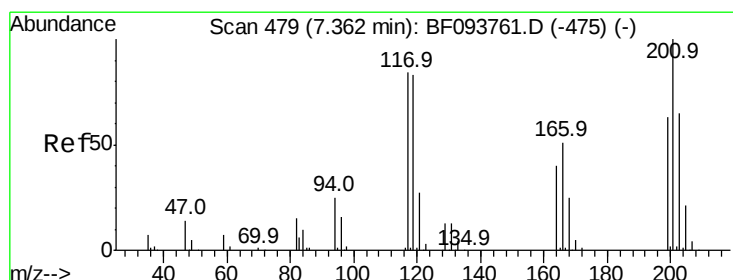
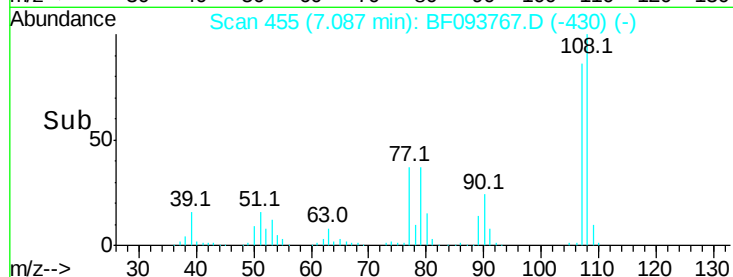
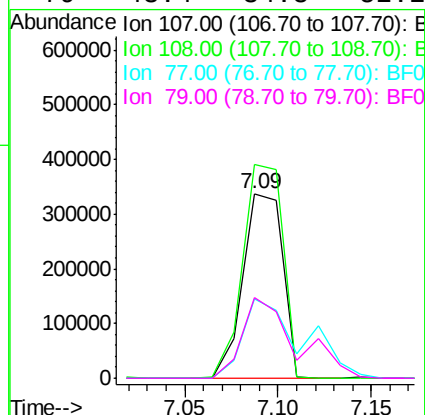
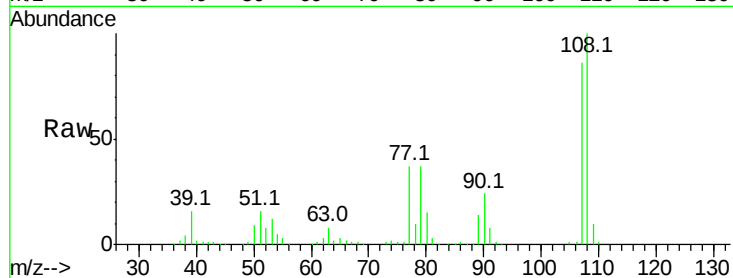
ClientSampleId :

SSTDCCC040

Tot Ion:	107	Resp:	507401
Ion Ratio	Lower	Upper	
107	100		
108	115.9	93.4	140.0
77	43.1	35.8	53.6
79	43.4	34.8	52.2

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#18

Hexachloroethane

Concen: 41.56 ng

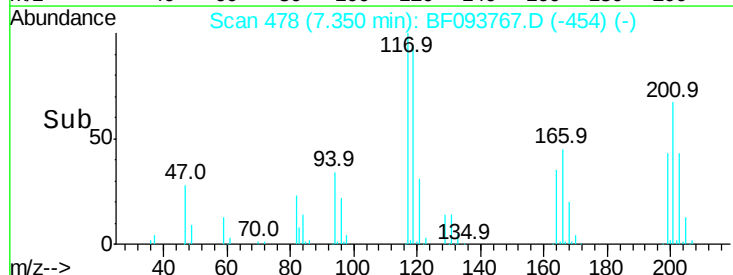
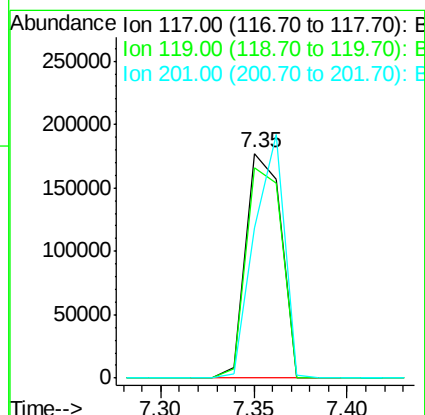
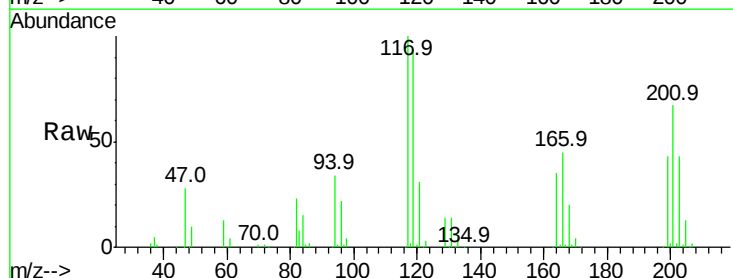
RT: 7.35 min Scan# 478

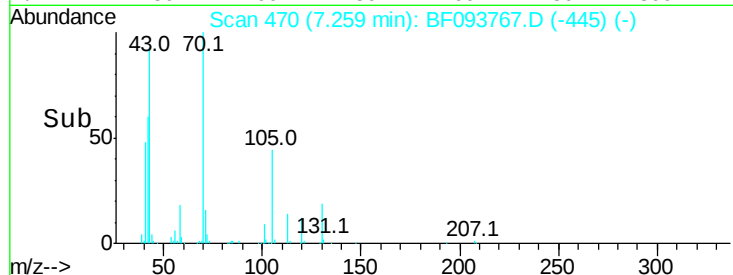
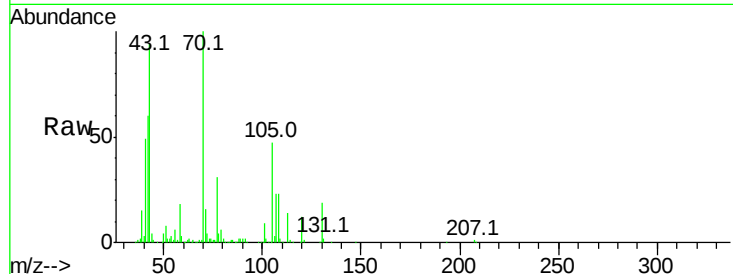
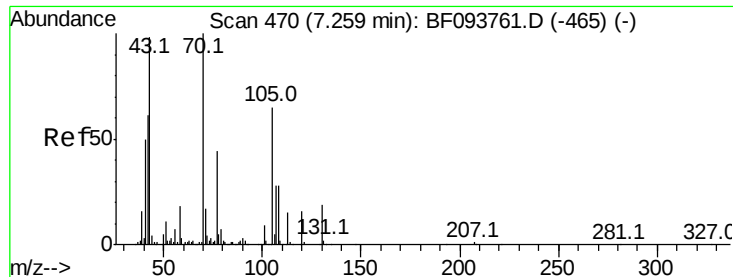
Delta R.T. -0.02 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Tgt Ion:	117	Resp:	234830
Ion Ratio	Lower	Upper	
117	100		
119	93.8	77.4	116.0
201	67.1	94.6	141.8#





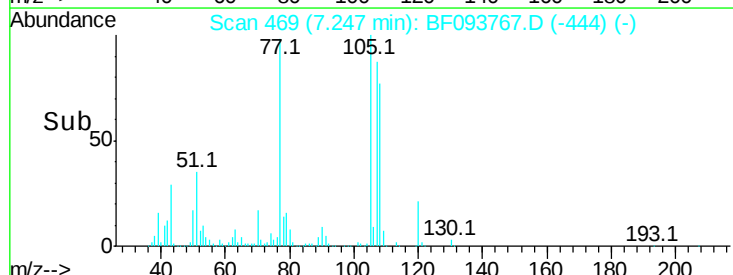
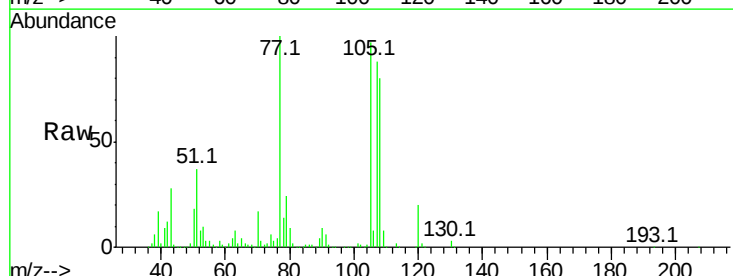
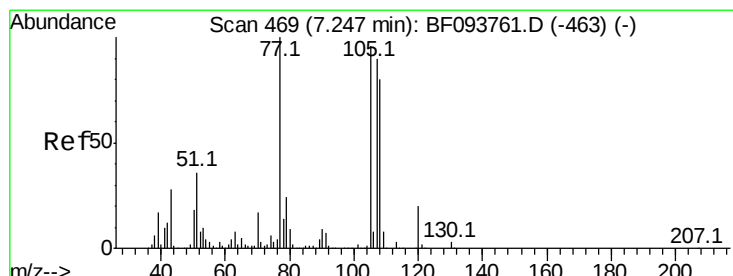
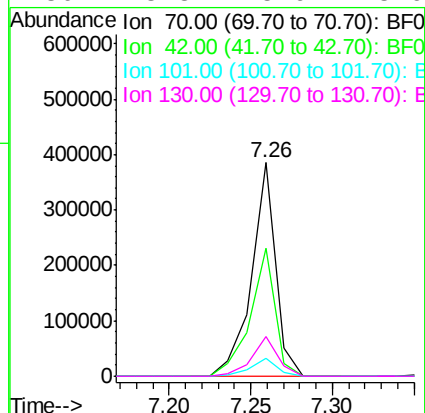
#19
n-Nitroso-di-n-propylamine
Concen: 39.01 ng
RT: 7.26 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.9	47.2	70.8
101	8.6	7.2	10.8
130	18.8	15.9	23.9

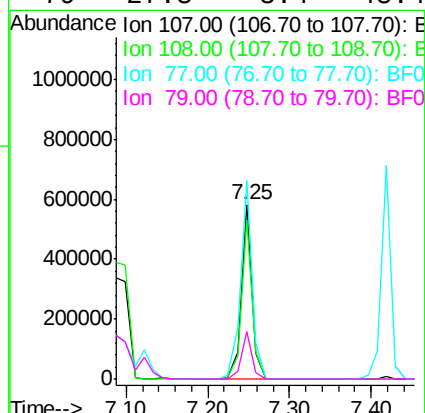
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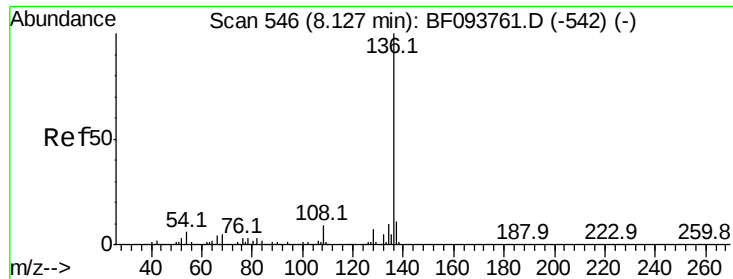
mohammad
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#20
3+4-Methylphenols
Concen: 36.93 ng
RT: 7.25 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.8	71.0	111.0
77	113.7	90.5	130.5
79	27.3	8.4	48.4





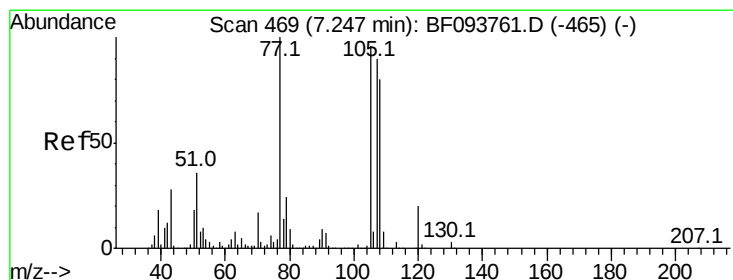
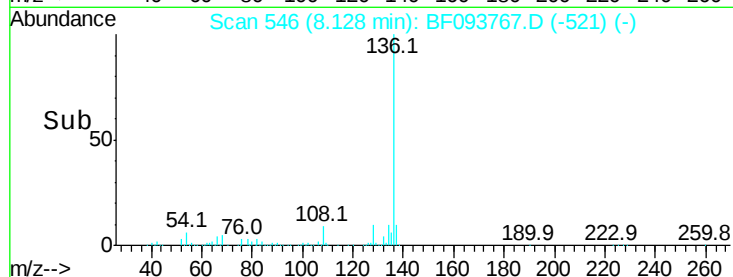
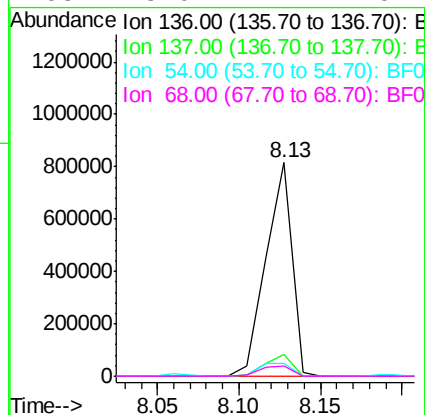
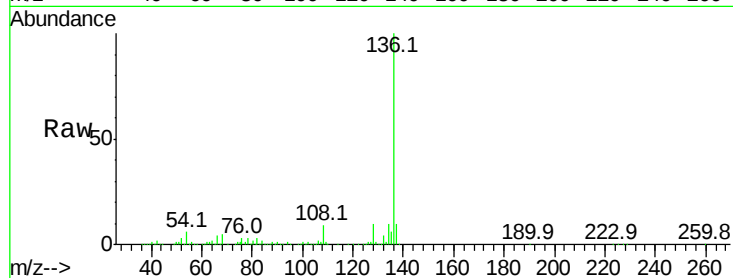
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	8.5	12.7	
54	6.0	4.9	7.3	
68	5.0	4.1	6.1	

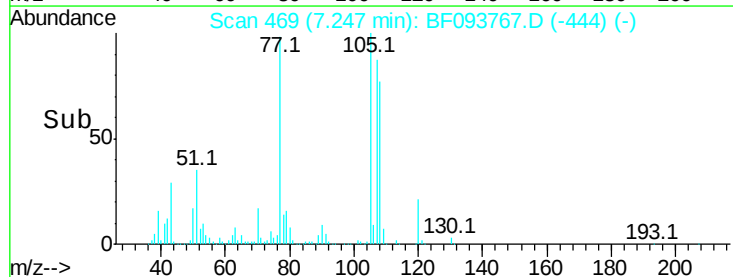
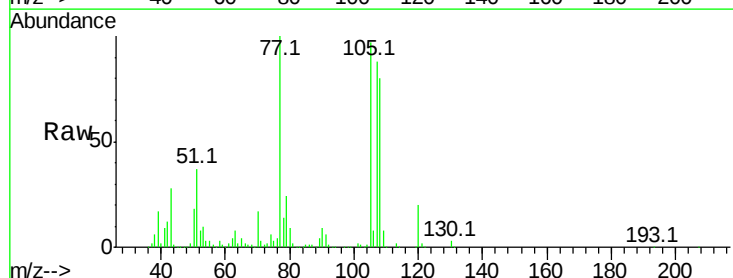
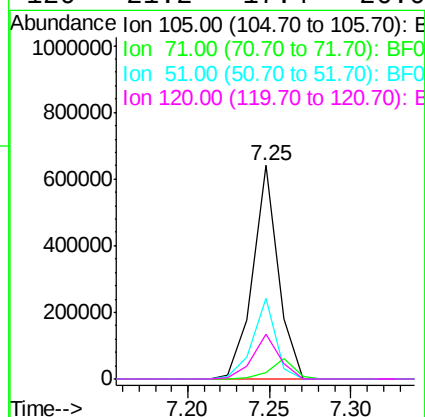
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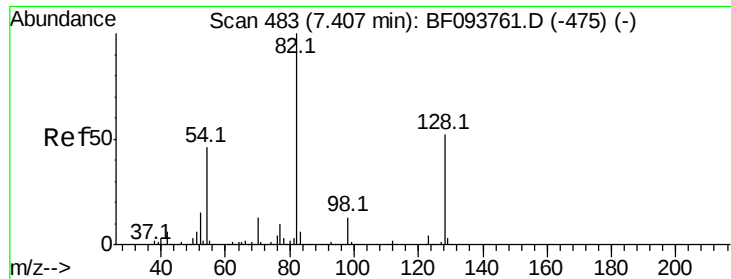
mohammad
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#22
Acetophenone
Concen: 35.19 ng
RT: 7.25 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.0	2.8	4.2	
51	37.9	30.7	46.1	
120	21.2	17.4	26.0	





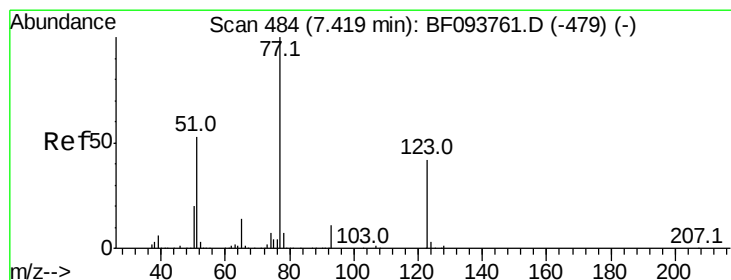
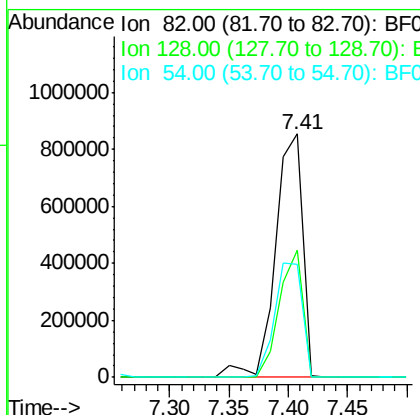
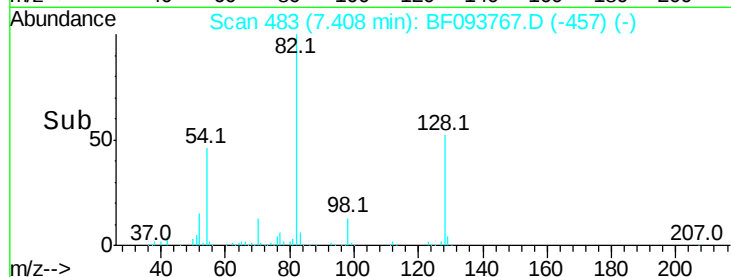
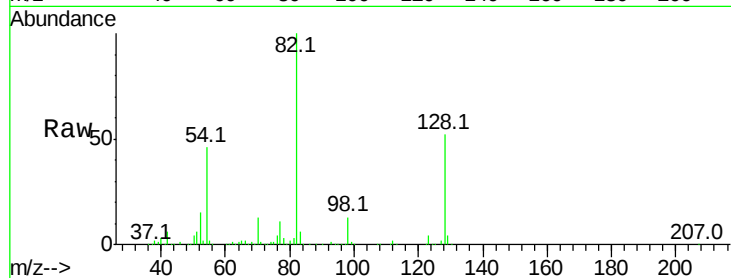
#23
 Nitrobenzene-d5
 Concen: 83.74 ng
 RT: 7.41 min Scan# 483
 Delta R.T. 0.00 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1342974
 Ion Ratio Lower Upper
 82 100
 128 52.2 34.0 51.0#
 54 46.2 42.2 63.2

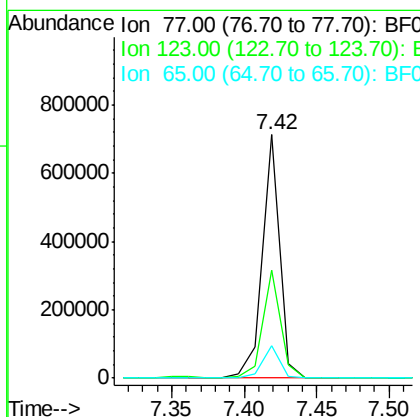
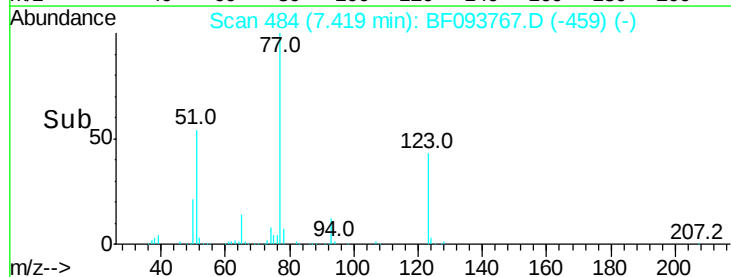
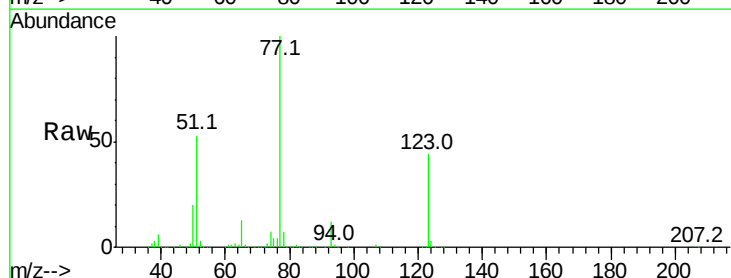
Manual Integrations
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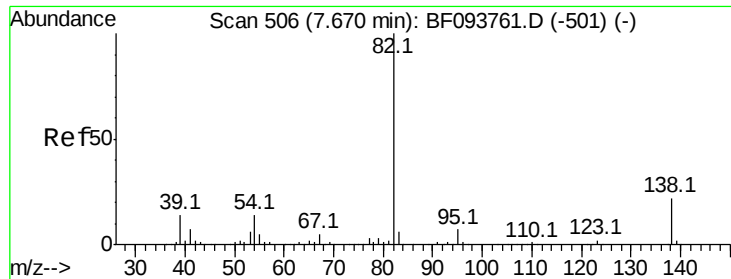
mohammad
 3/21/2017 2:45:20 PM



#24
 Nitrobenzene
 Concen: 38.69 ng
 RT: 7.42 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Tgt Ion: 77 Resp: 592744
 Ion Ratio Lower Upper
 77 100
 123 44.2 35.8 53.8
 65 13.4 10.6 15.8





#25

Isophorone

Concen: 39.33 ng

RT: 7.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1117358

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

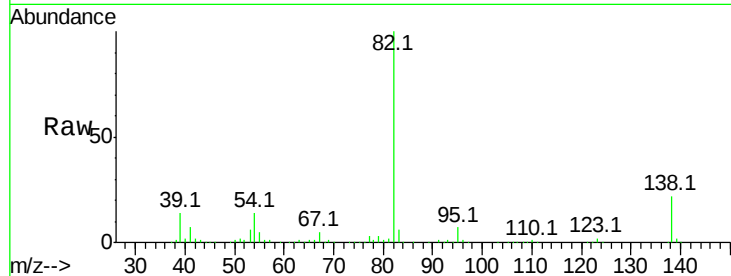
138 22.4 13.1 19.7#

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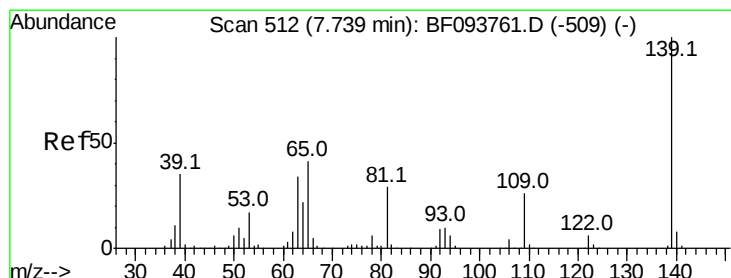
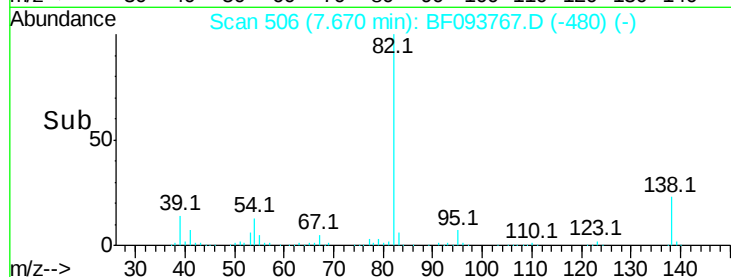
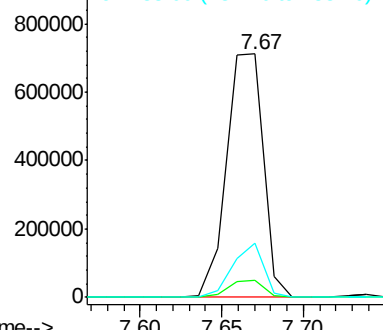
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.23 ng

RT: 7.74 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

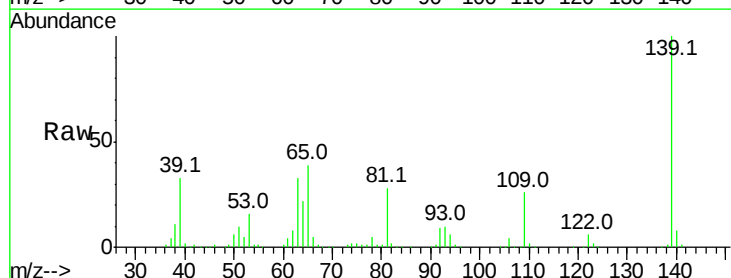
Tgt Ion:139 Resp: 320280

Ion Ratio Lower Upper

139 100

109 25.7 21.0 31.6

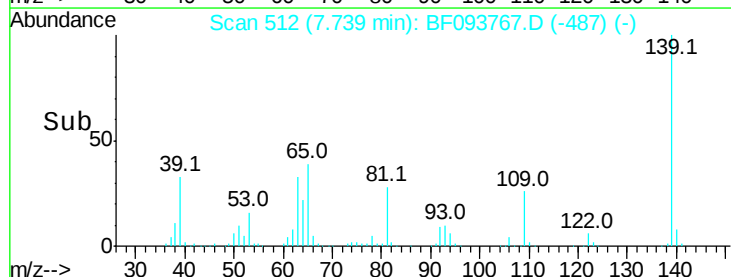
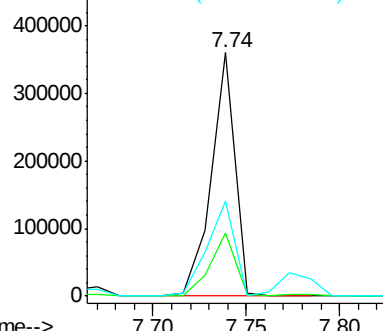
65 39.0 33.0 49.6

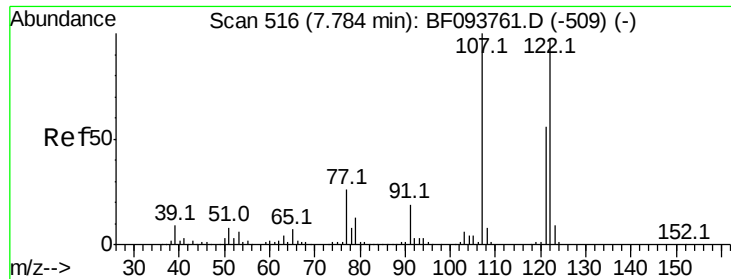


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





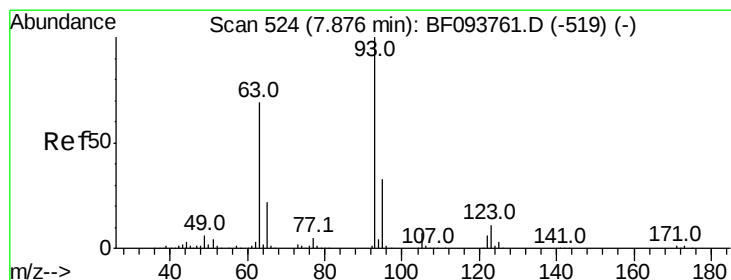
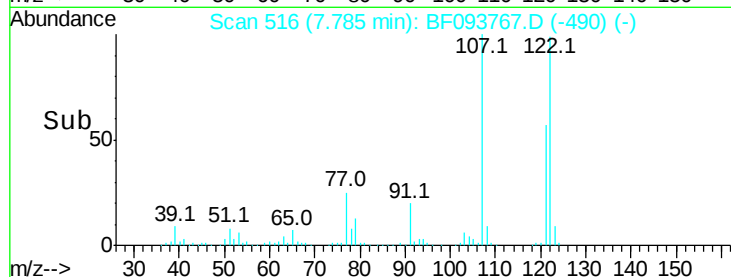
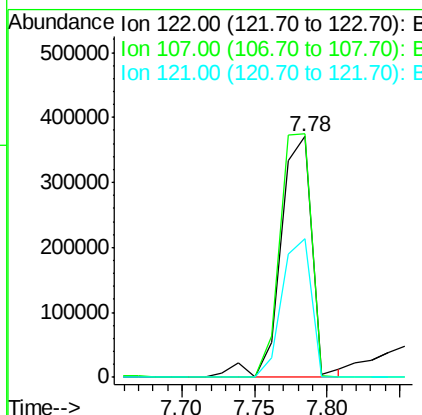
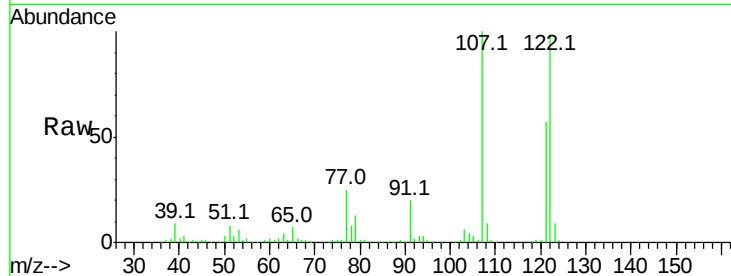
#27
2,4-Dimethylphenol
Concen: 38.85 ng
RT: 7.78 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	101.2	89.2	133.8
121	57.5	45.2	67.8

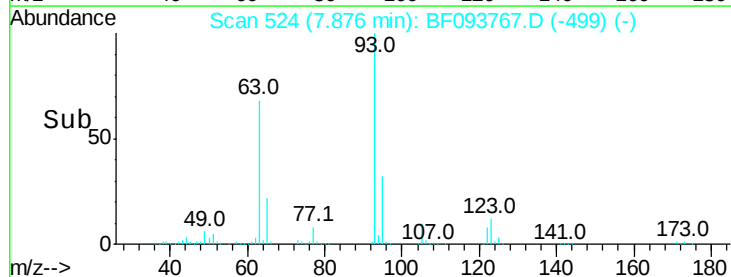
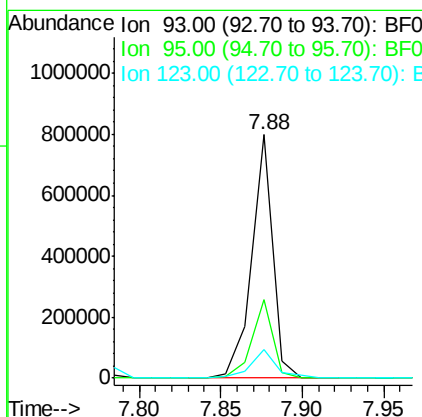
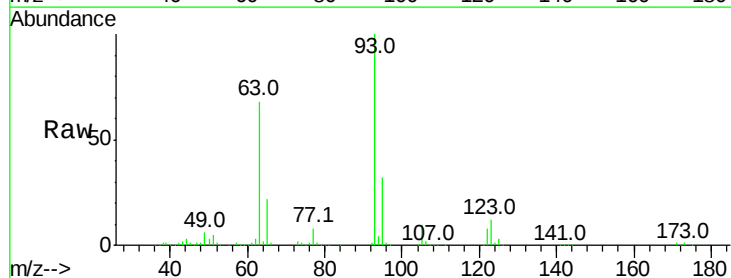
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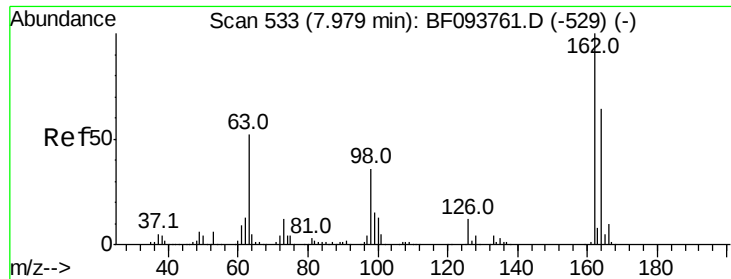
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 38.95 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.5	39.7
123	11.8	9.0	13.4





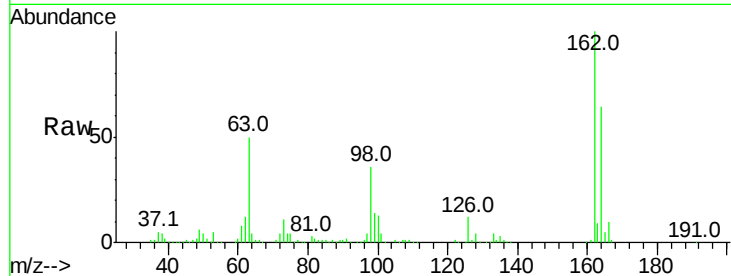
#29
2,4-Dichlorophenol
Concen: 40.85 ng
RT: 7.98 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

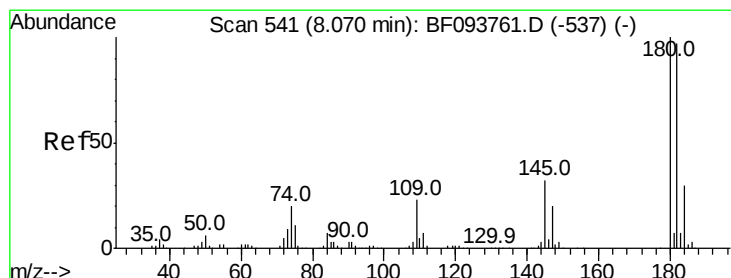
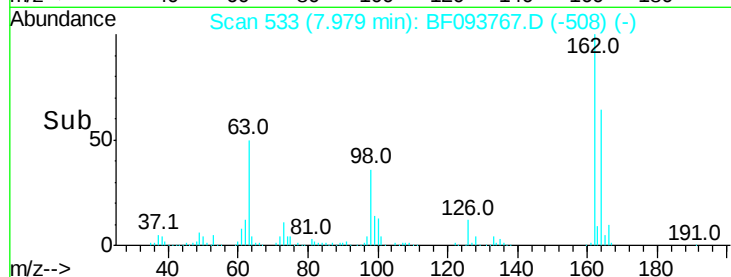
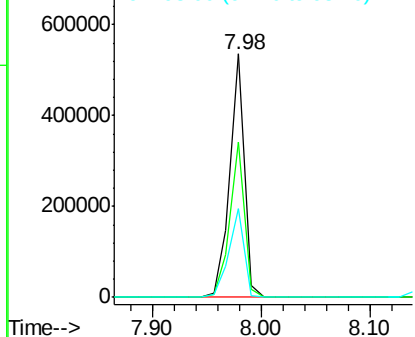
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.8	44.6	84.6
98	36.3	14.8	54.8

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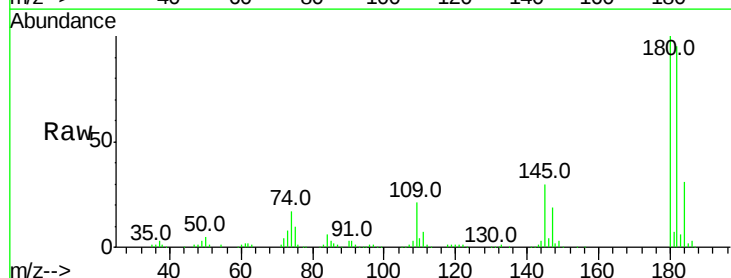


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

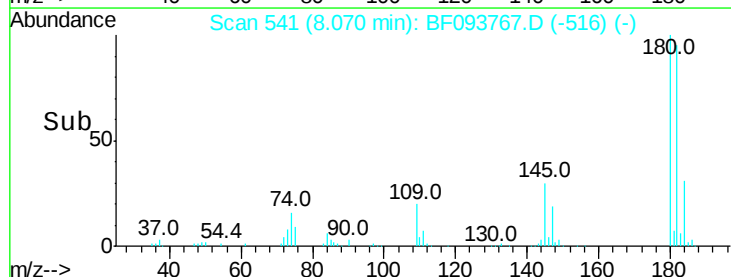
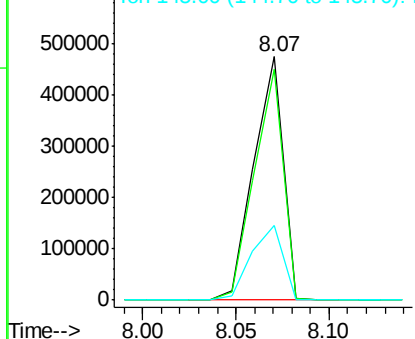


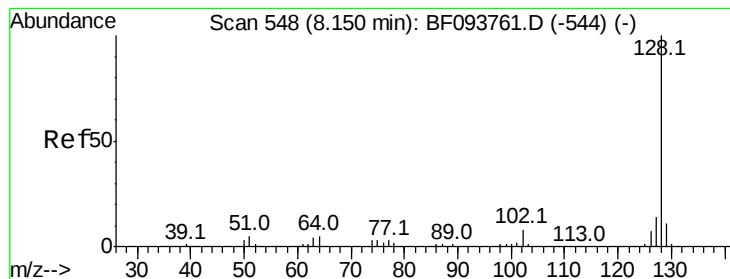
#30
1,2,4-Trichlorobenzene
Concen: 40.95 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.0	75.8	113.6
145	30.4	25.3	37.9



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: 41.50 ng

RT: 8.15 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1752589

Ion Ratio Lower Upper

128 100

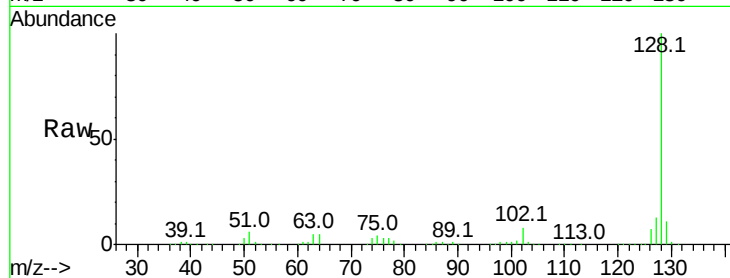
129 10.8 9.0 13.6

127 13.4 10.8 16.2

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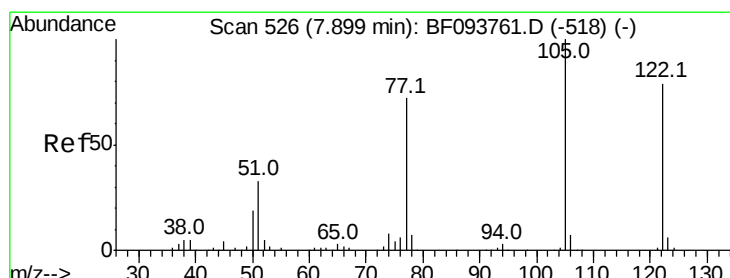
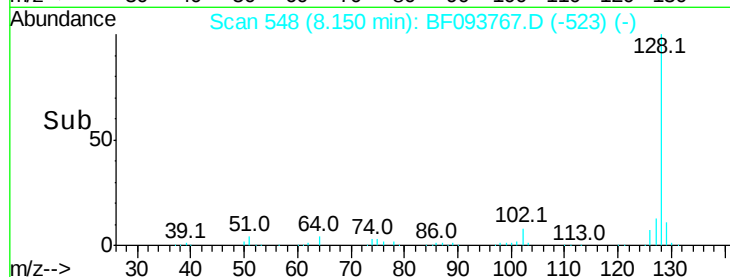
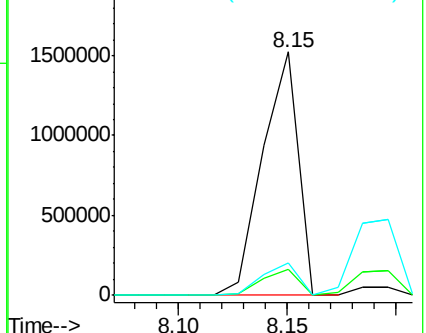
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.29 ng

RT: 7.90 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

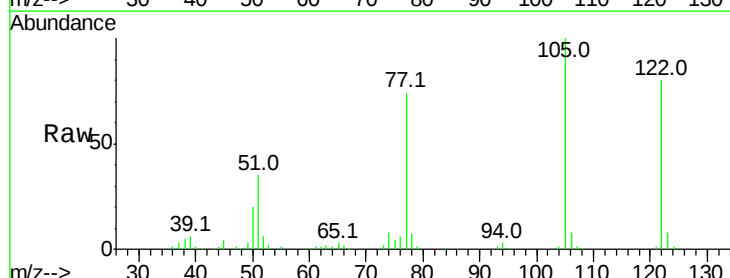
Tgt Ion:122 Resp: 365879

Ion Ratio Lower Upper

122 100

105 124.6 103.3 143.3

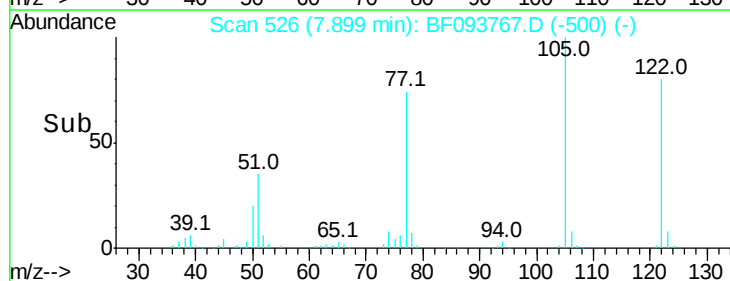
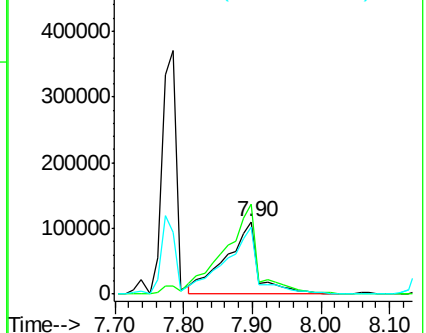
77 91.9 73.7 113.7

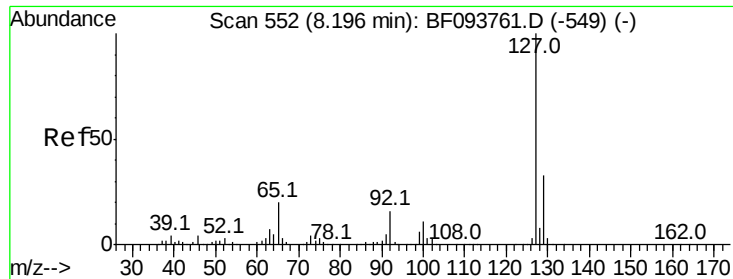


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





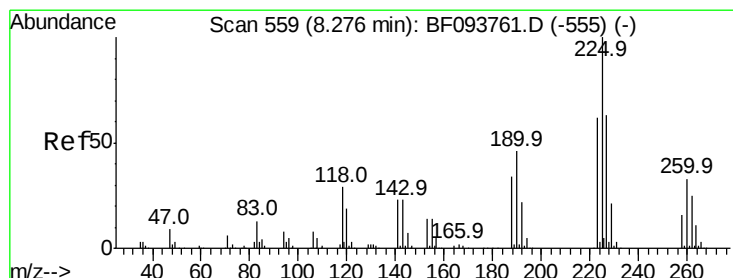
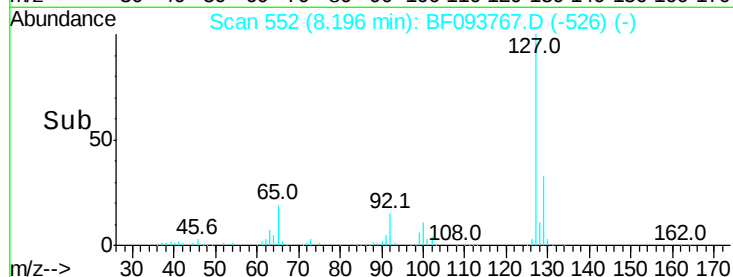
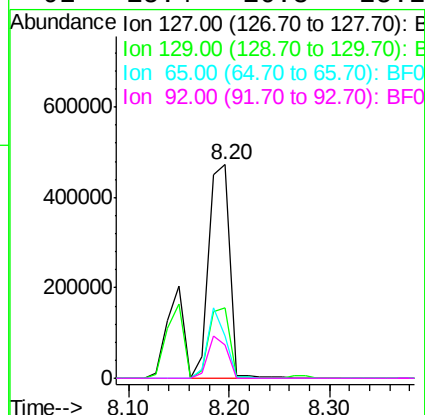
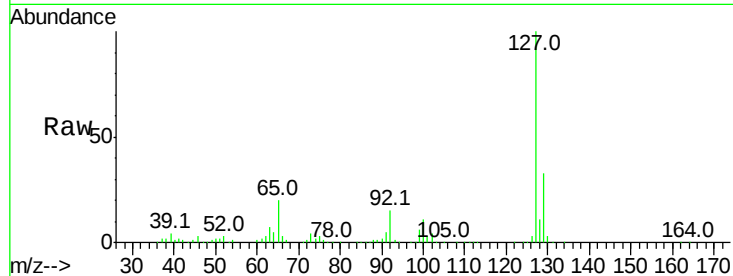
#33
4-Chloroaniline
Concen: 37.58 ng
RT: 8.20 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.2	39.2
65	19.6	27.8	41.8#
92	15.4	16.8	25.2#

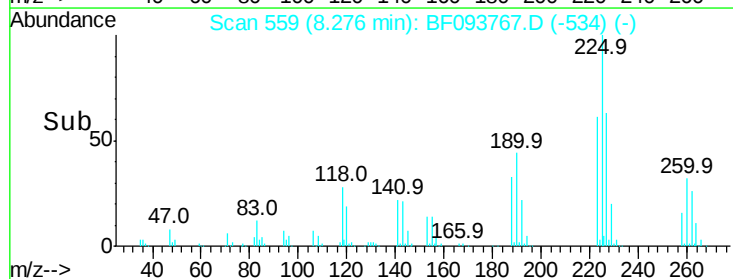
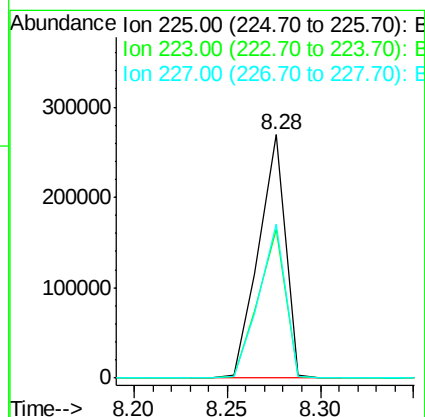
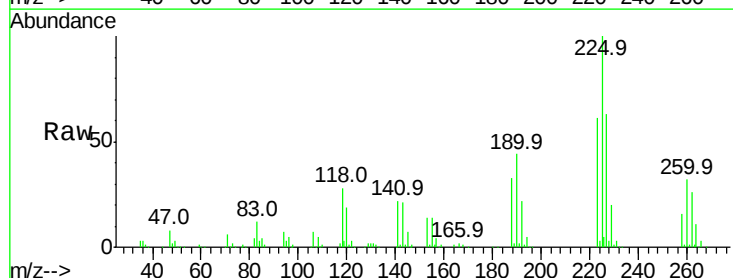
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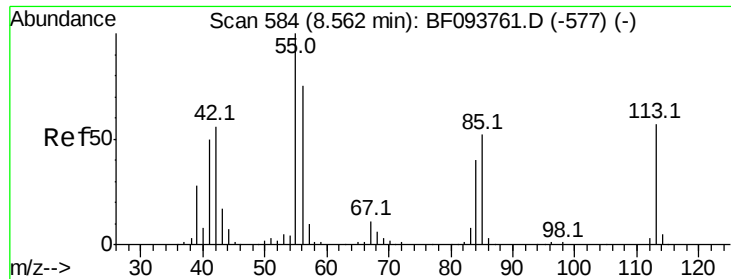
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#34
Hexachlorobutadiene
Concen: 40.40 ng
RT: 8.28 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	48.8	73.2
227	63.1	51.1	76.7





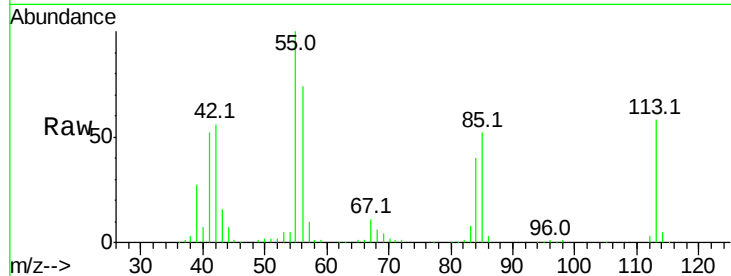
#35
 Caprolactam
 Concen: 38.65 ng
 RT: 8.56 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

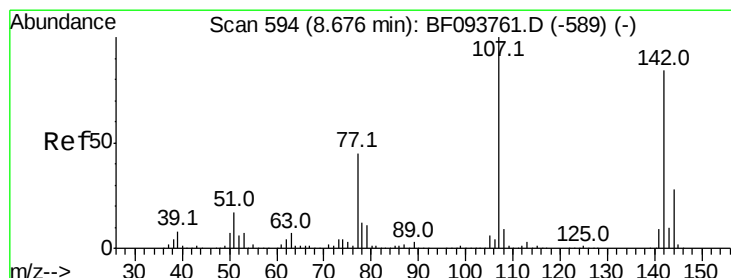
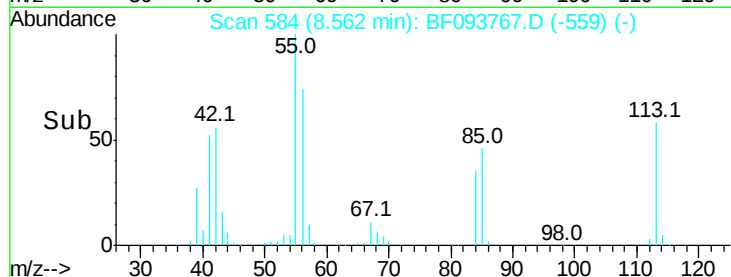
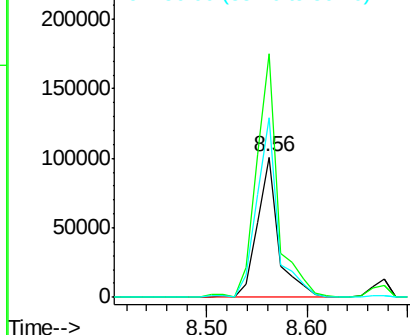
Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		147144		
55	173.8	150.2	190.2		
56	128.2	107.8	147.8		

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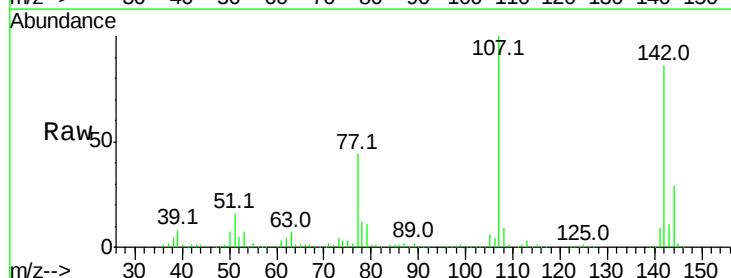


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

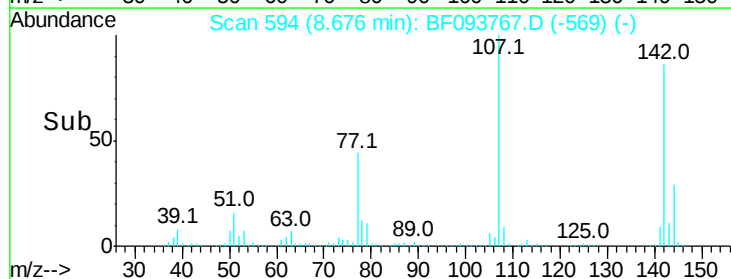
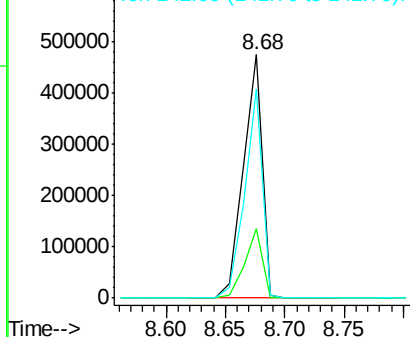


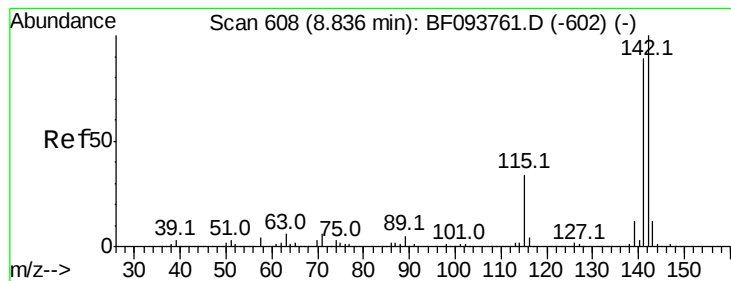
#36
 4-Chloro-3-methylphenol
 Concen: 42.03 ng
 RT: 8.68 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		528295		
144	28.6	24.2	36.4		
142	85.7	73.4	110.0		



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





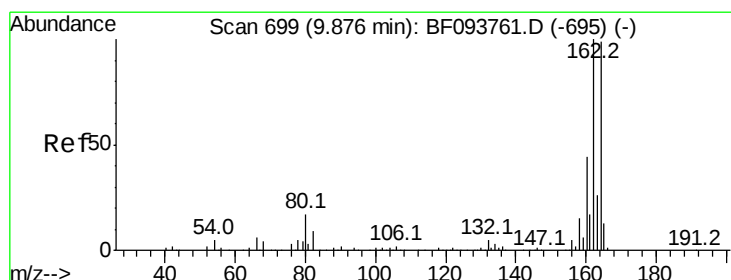
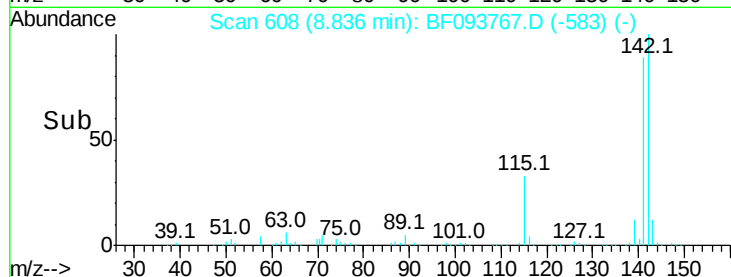
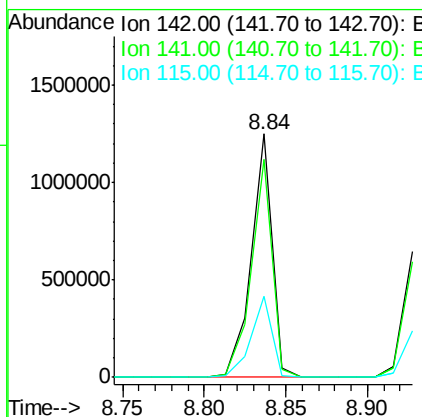
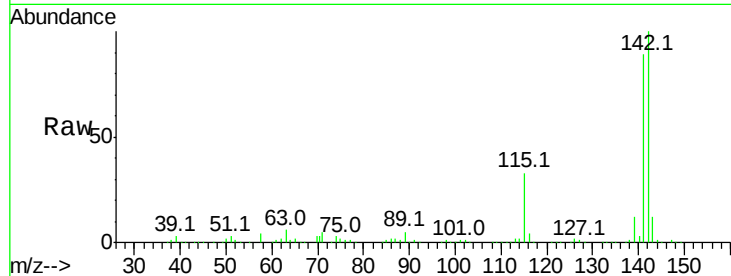
#37
2-Methylnaphthalene
Concen: 40.19 ng
RT: 8.84 min Scan# 608
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1107753
Ion Ratio Lower Upper
142 100
141 89.3 71.3 106.9
115 33.5 27.1 40.7

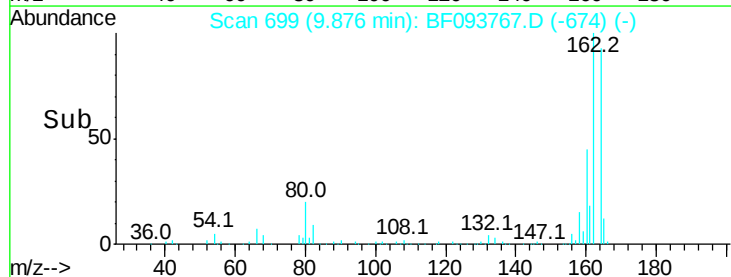
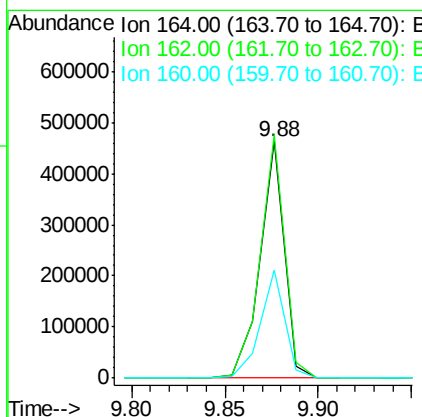
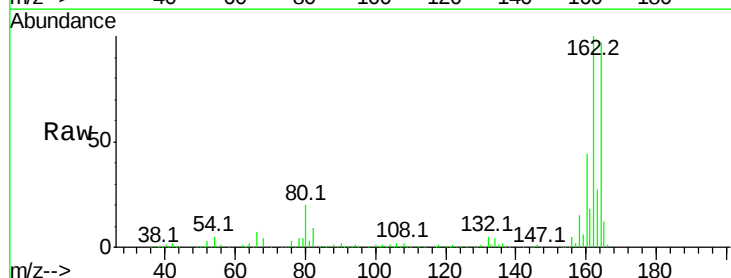
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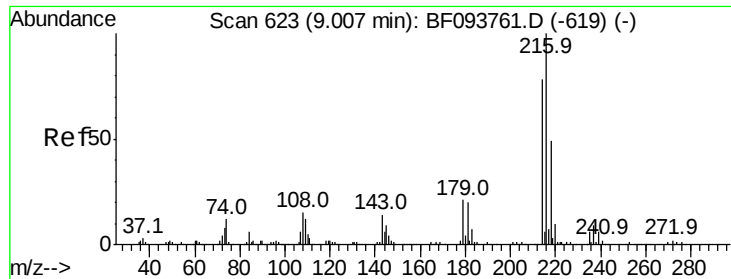
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Tgt Ion:164 Resp: 414027
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 45.7 36.2 54.2





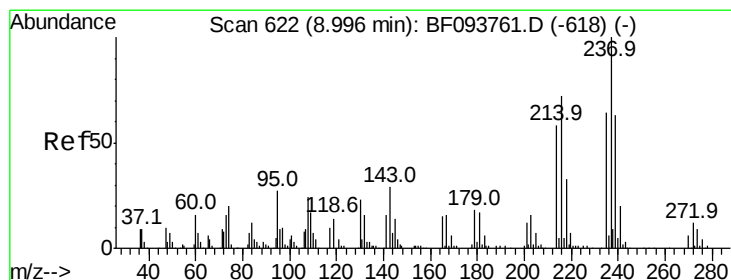
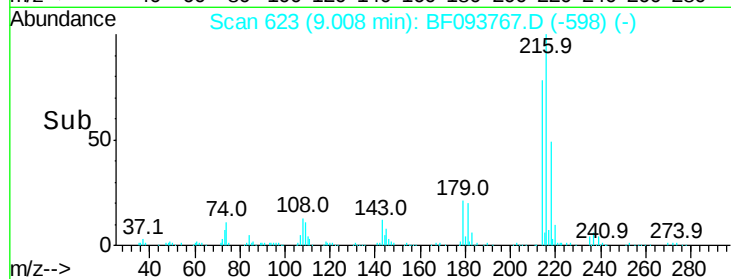
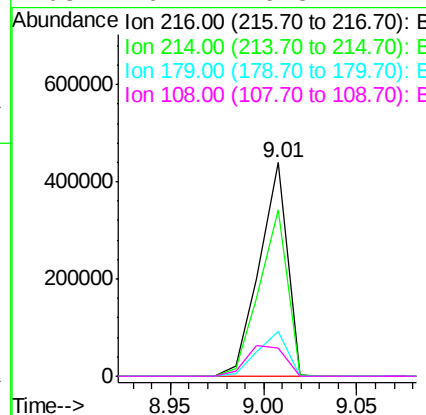
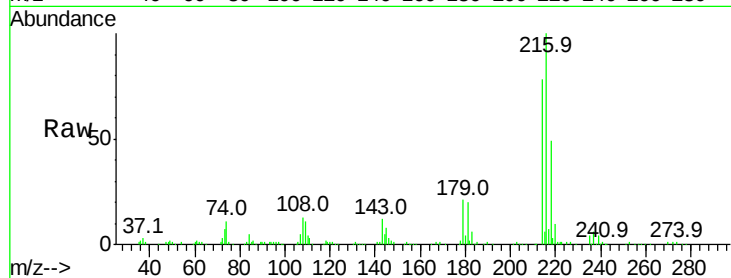
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.34 ng
 RT: 9.01 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	453296		
214	78.9		63.4	95.2
179	22.1		17.9	26.9
108	20.1		16.5	24.7

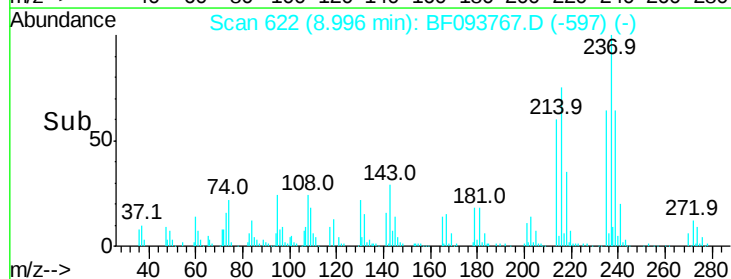
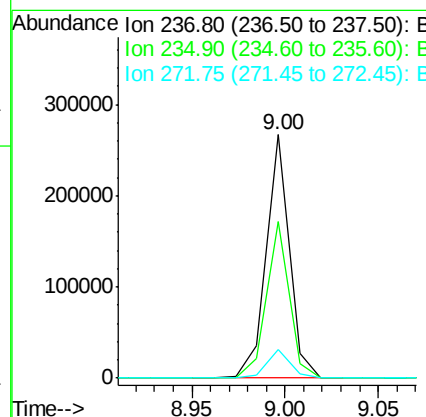
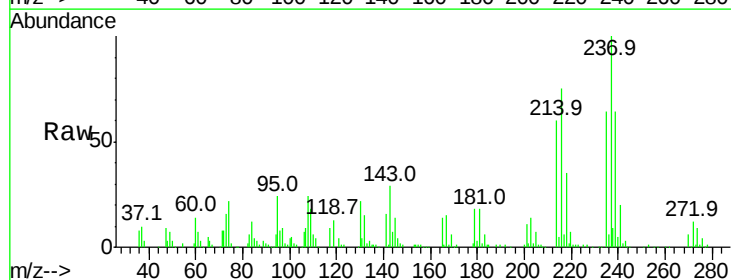
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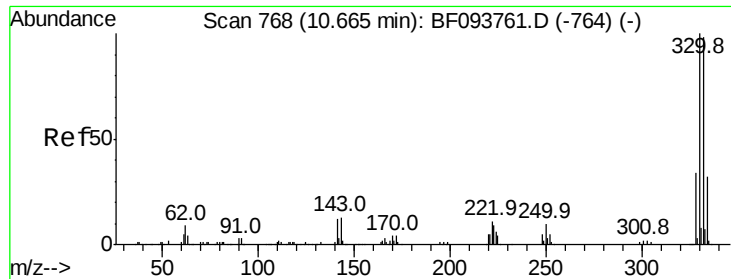
mohammad
 3/21/2017 2:45:20 PM



#40
 Hexachlorocyclopentadiene
 Concen: 40.96 ng
 RT: 9.00 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	226586		
235	64.1		42.6	82.6
272	11.8		0.0	31.9





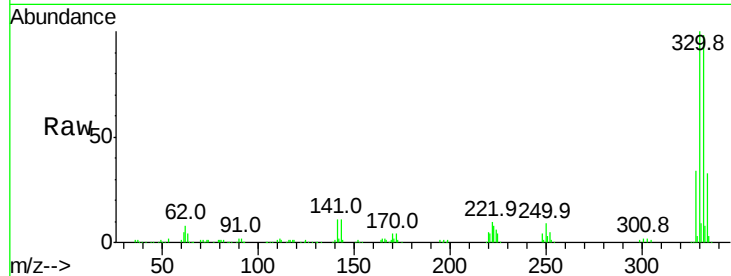
#41
 2,4,6-Tribromophenol
 Concen: 79.88 ng
 RT: 10.66 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

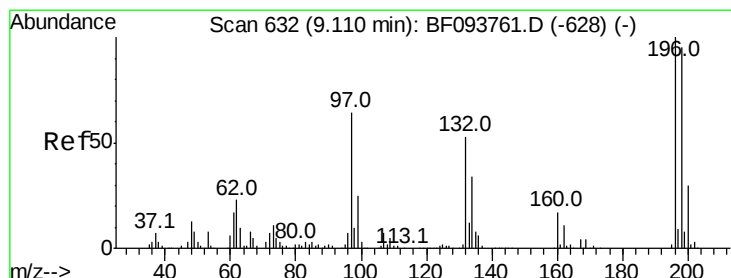
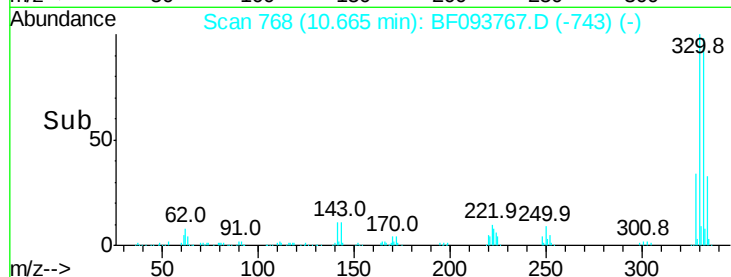
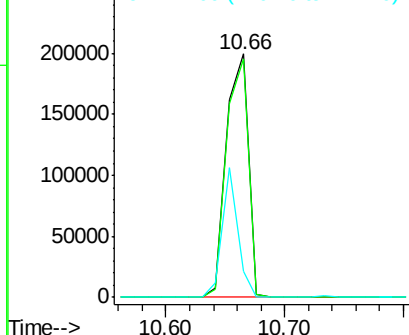
Tot Ion	Ratio	Resp	Lower	Upper
330	100	256149		
332	97.8	76.6	115.0	
141	37.9	31.4	47.2	

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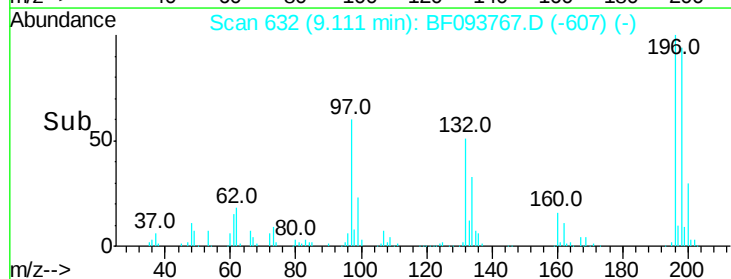
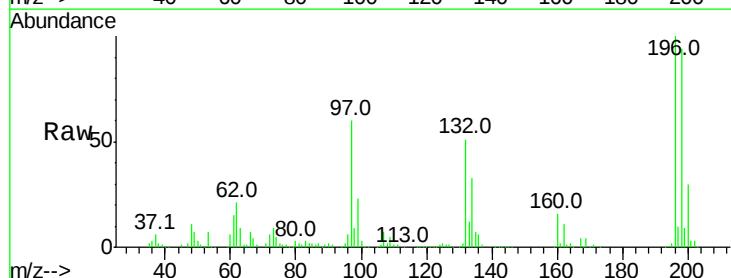
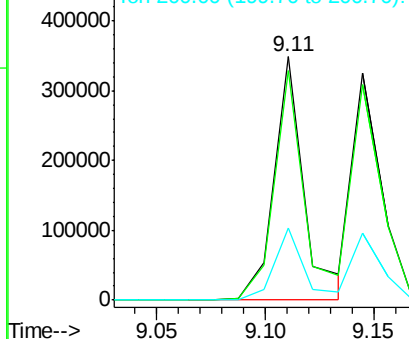
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

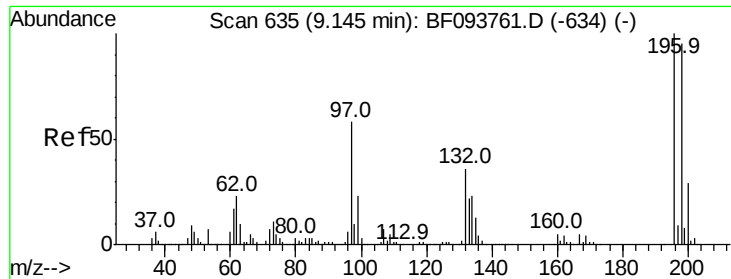


#42
 2,4,6-Trichlorophenol
 Concen: 42.41 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	337610		
198	94.2	74.2	111.4	
200	29.8	24.0	36.0	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





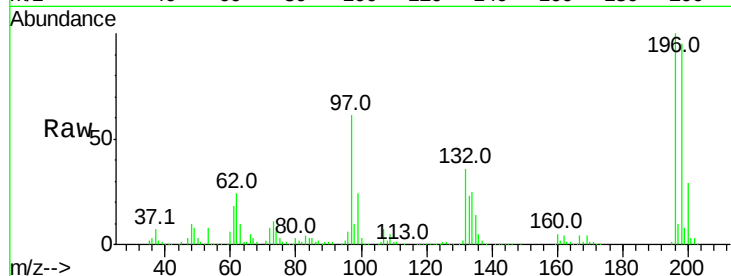
#43
 2,4,5-Trichlorophenol
 Concen: 36.50 ng
 RT: 9.14 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

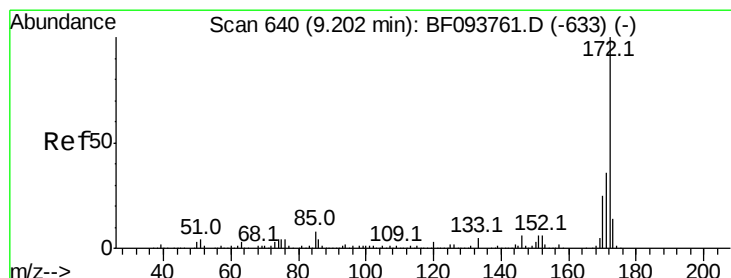
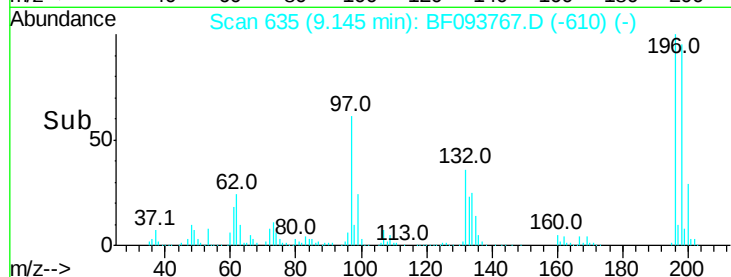
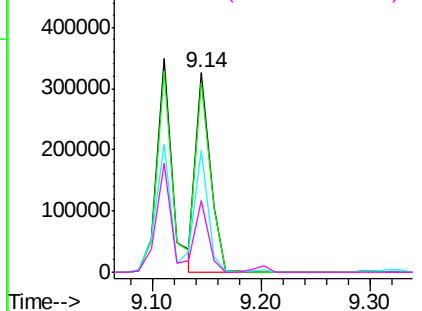
Tot Ion:	196	Resp:	301641
Ion Ratio	Lower	Upper	
196	100		
198	94.7	75.7	113.5
97	60.8	47.7	71.5
132	36.1	28.0	42.0

Manual Integrations
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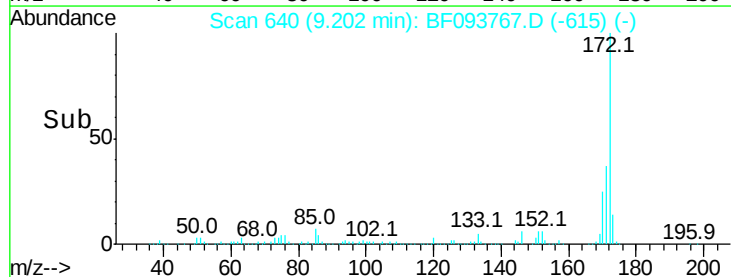
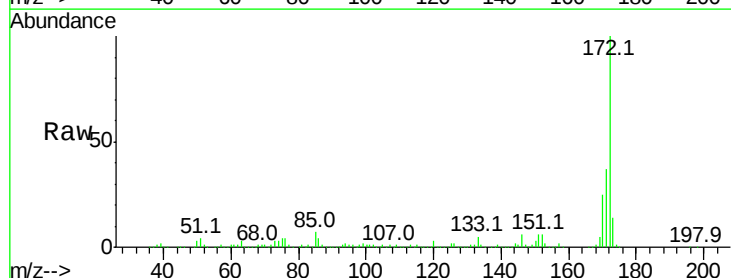
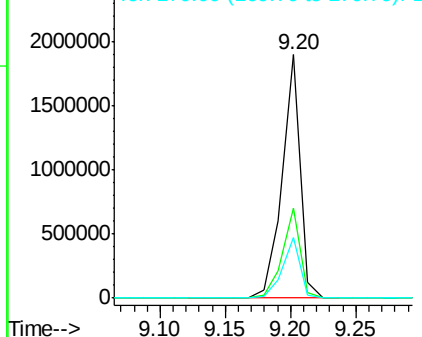
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

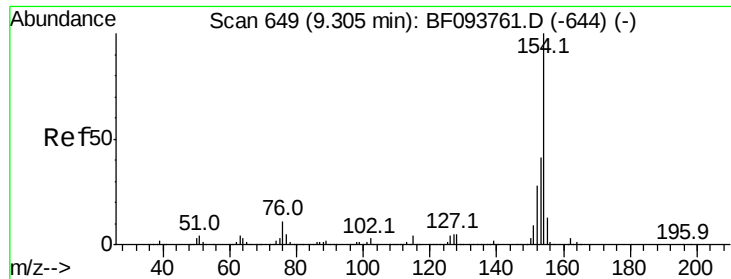


#44
 2-Fluorobiphenyl
 Concen: 75.00 ng
 RT: 9.20 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Tgt Ion:	172	Resp:	1846533
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.6	44.4
170	24.6	19.8	29.8

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.48 ng

RT: 9.30 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1328439

Ion Ratio Lower Upper

154 100

153 40.8 21.2 61.2

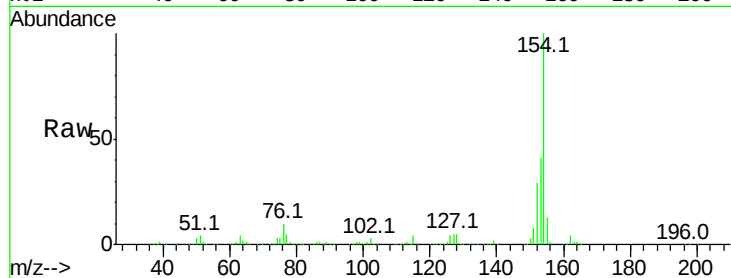
76 9.8 0.0 29.9

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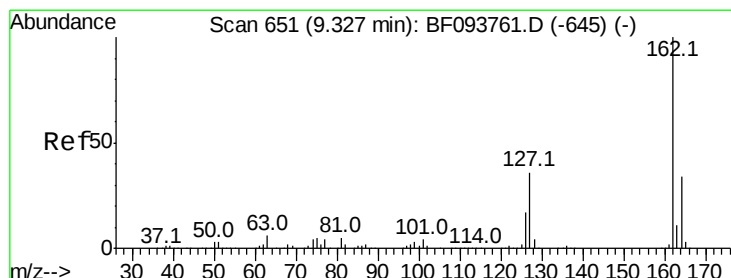
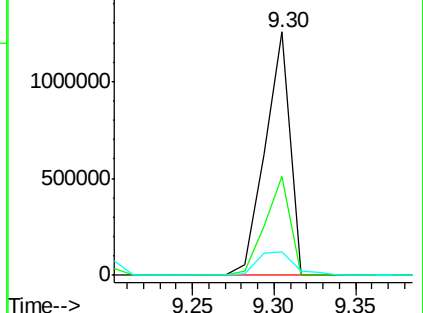
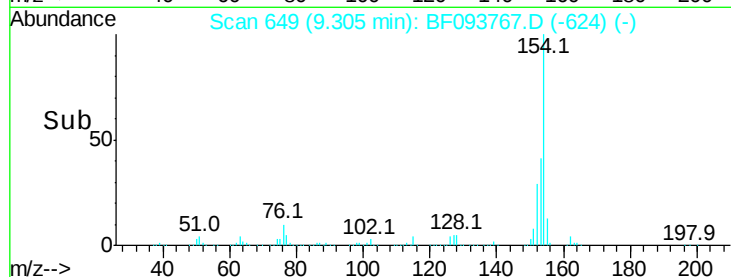
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.23 ng

RT: 9.33 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

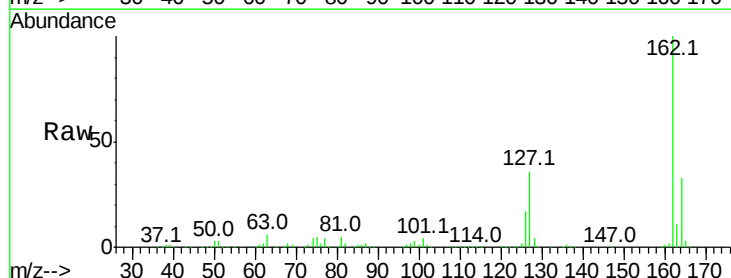
Tgt Ion:162 Resp: 1038021

Ion Ratio Lower Upper

162 100

127 35.8 28.3 42.5

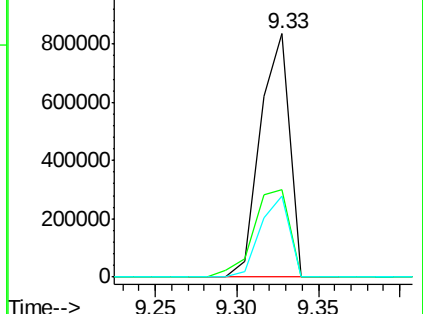
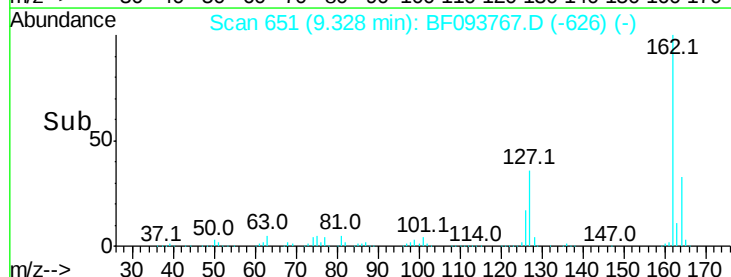
164 33.4 27.0 40.4

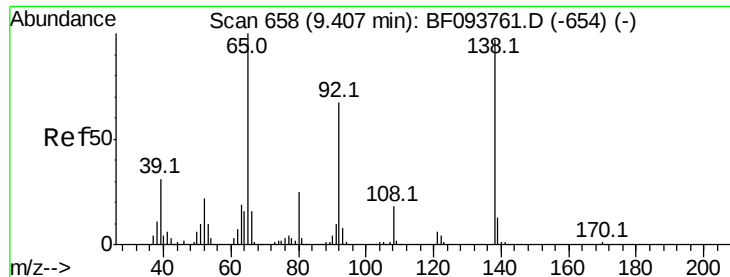


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





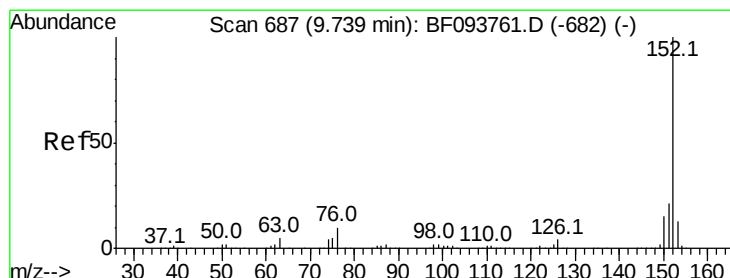
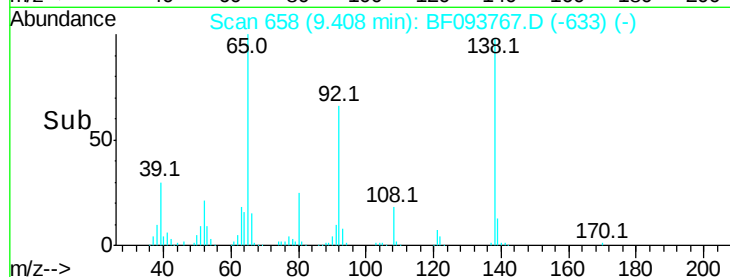
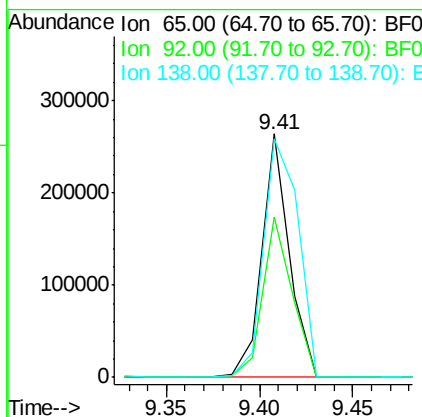
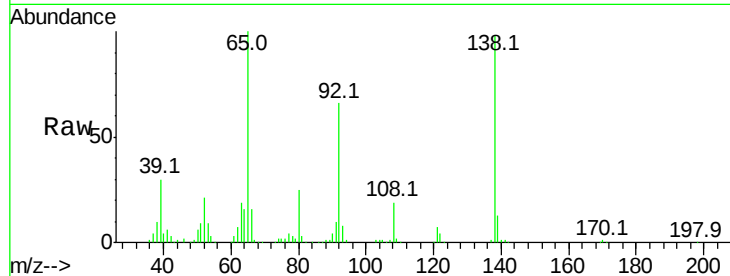
#47
2-Nitroaniline
Concen: 37.59 ng
RT: 9.41 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.6	53.9	80.9
138	97.8	78.8	118.2

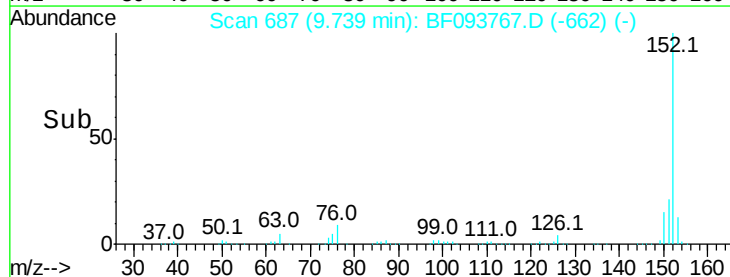
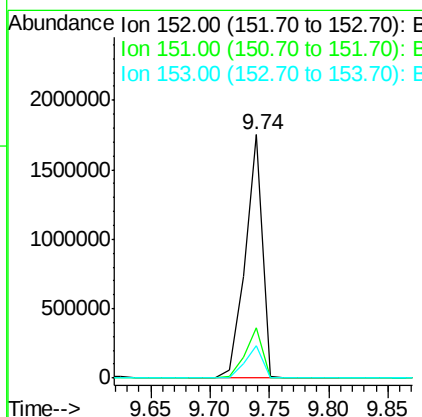
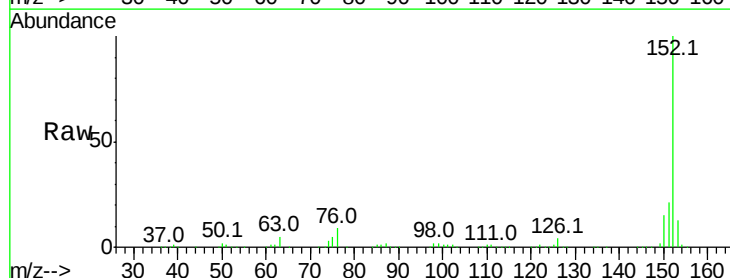
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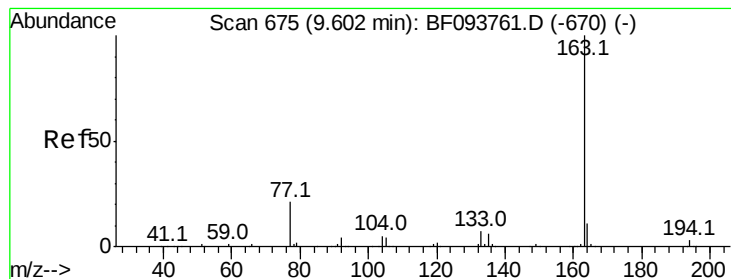
mohammad
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#48
Acenaphthylene
Concen: 41.78 ng
RT: 9.74 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	13.4	10.8	16.2





#49

Dimethylphthalate

Concen: 36.76 ng

RT: 9.60 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:163 Resp: 1083159

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

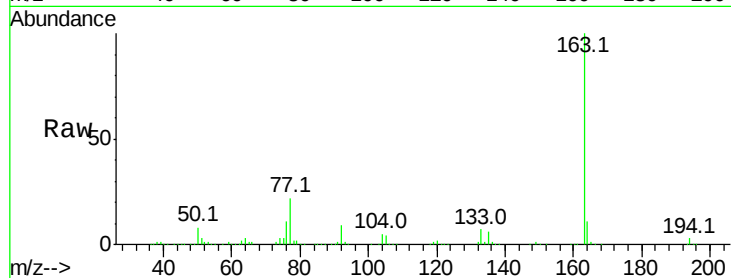
164 10.6 8.4 12.6

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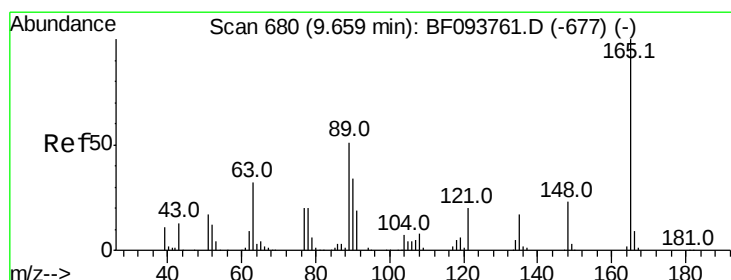
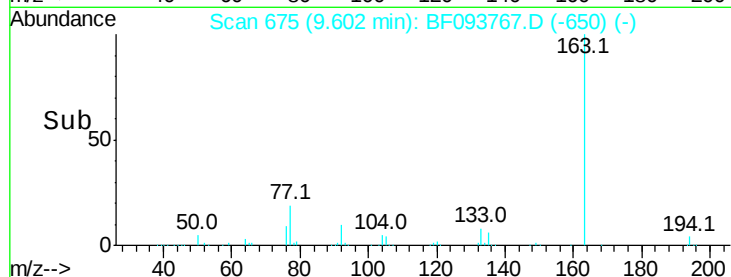
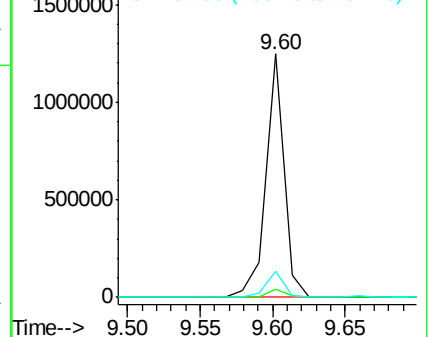
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.43 ng

RT: 9.66 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

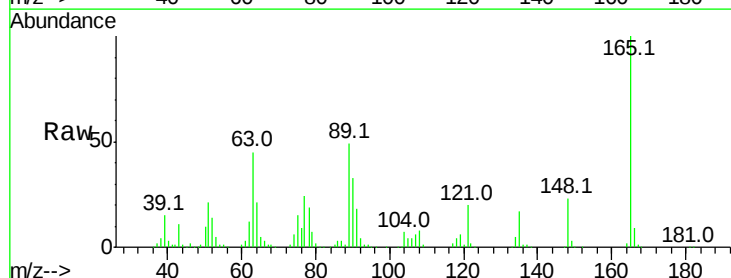
Tgt Ion:165 Resp: 287375

Ion Ratio Lower Upper

165 100

63 44.6 34.3 51.5

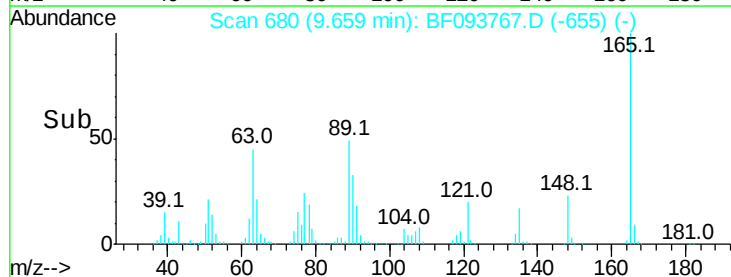
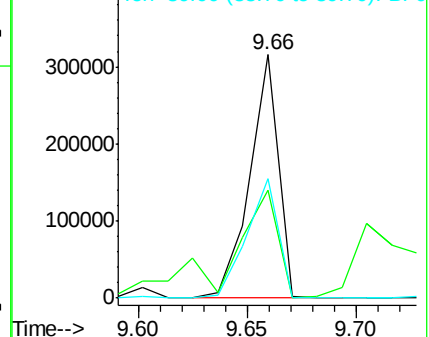
89 49.2 37.1 55.7

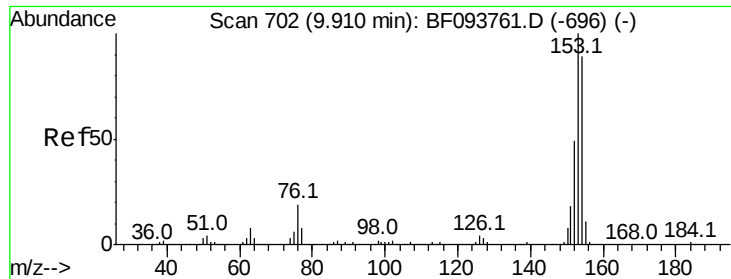


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.43 ng

RT: 9.91 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1013849

Ion Ratio Lower Upper

154 100

153 111.5 90.5 135.7

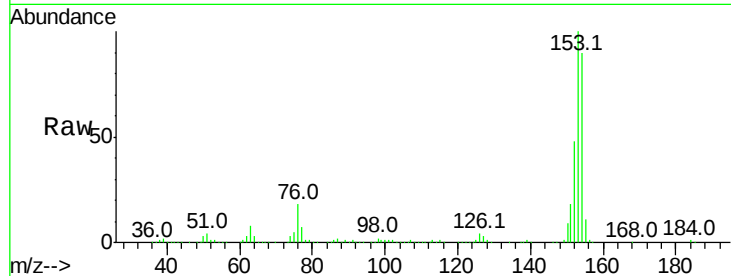
152 54.0 43.6 65.4

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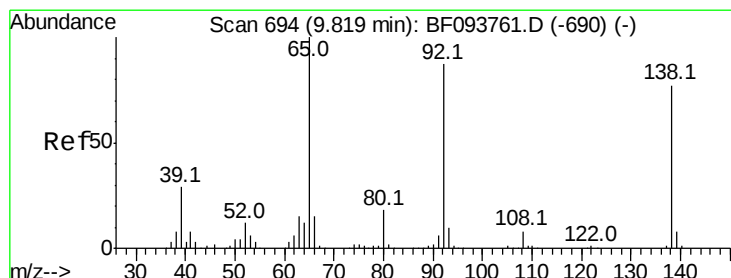
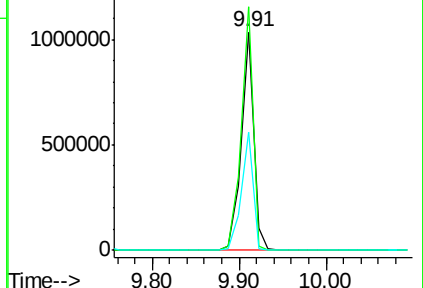
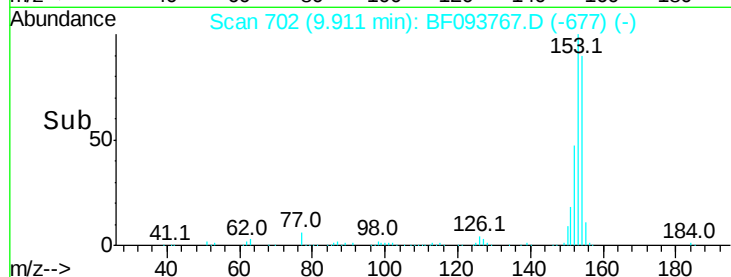
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.50 ng

RT: 9.82 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

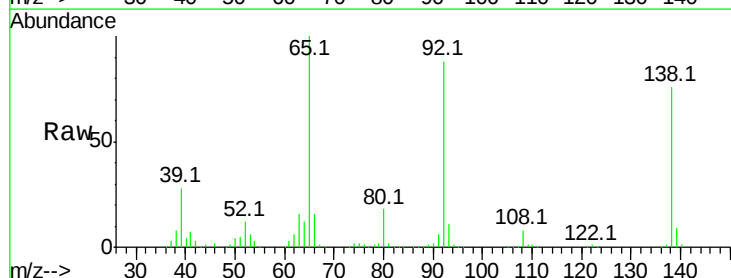
Tgt Ion:138 Resp: 267879

Ion Ratio Lower Upper

138 100

108 10.7 9.1 13.7

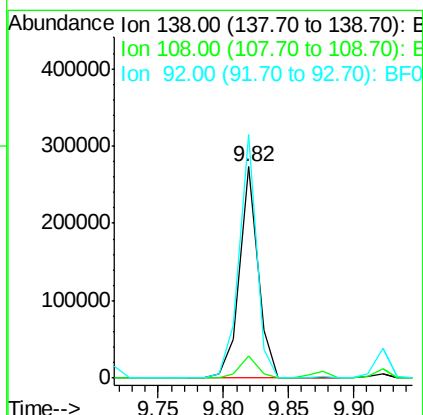
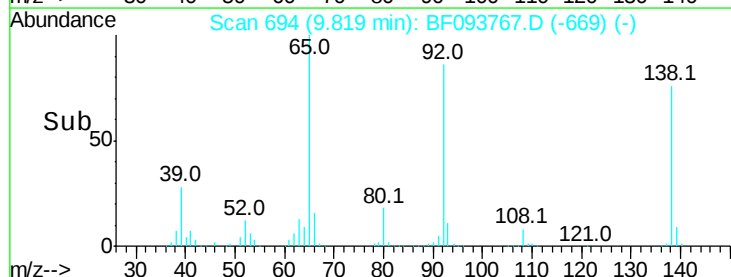
92 115.4 93.8 140.6

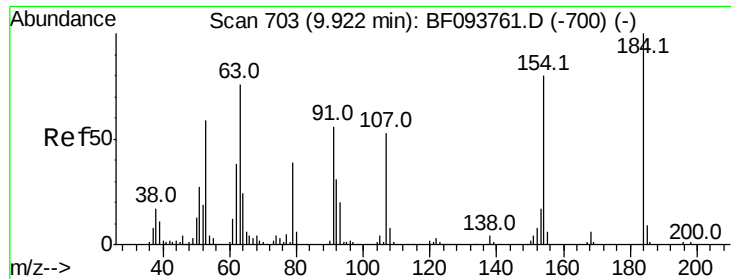


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





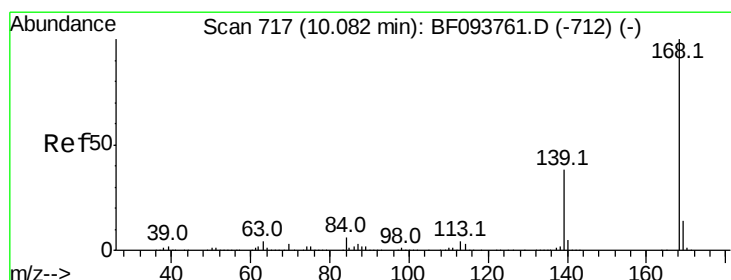
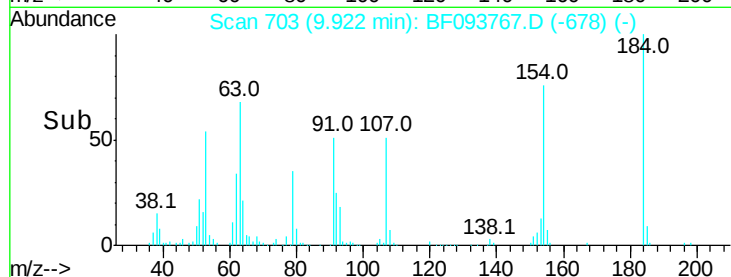
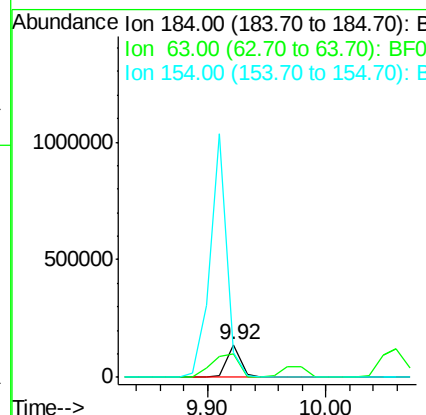
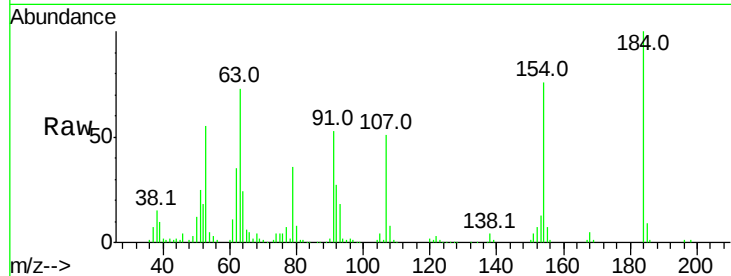
#53
2,4-Dinitrophenol
Concen: 44.13 ng
RT: 9.92 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	72.6	62.7	94.1	
154	75.9	81.1	121.7	

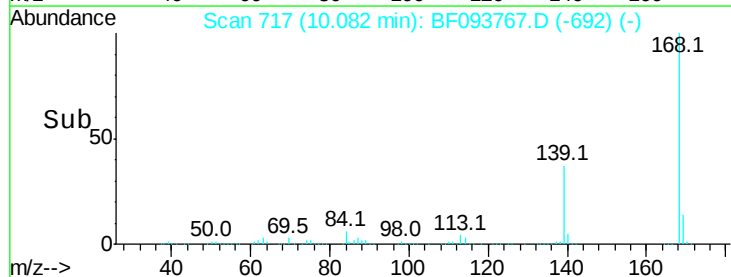
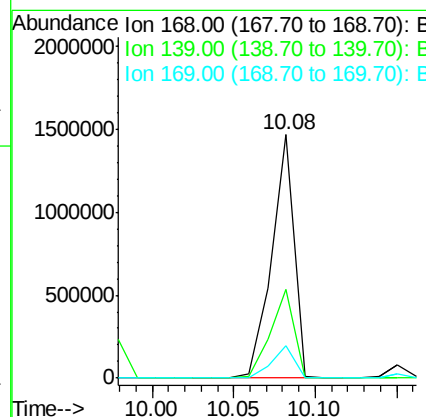
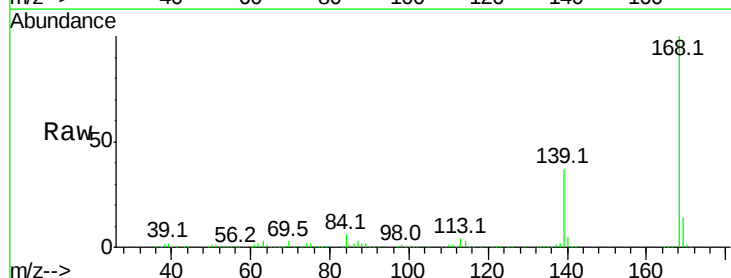
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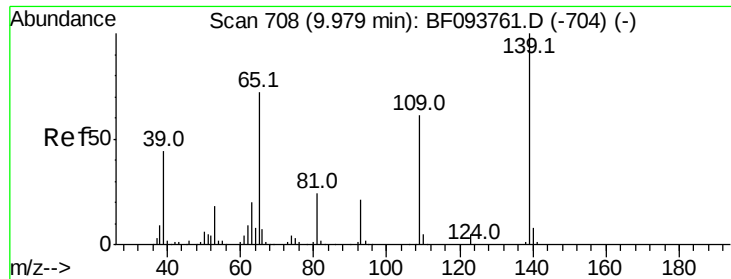
mohammad
3/21/2017 2:45:20 PM



#54
Dibenzofuran
Concen: 41.81 ng
RT: 10.08 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.7	30.6	45.8	
169	13.5	10.8	16.2	





#55

4-Nitrophenol

Concen: 45.53 ng

RT: 9.98 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

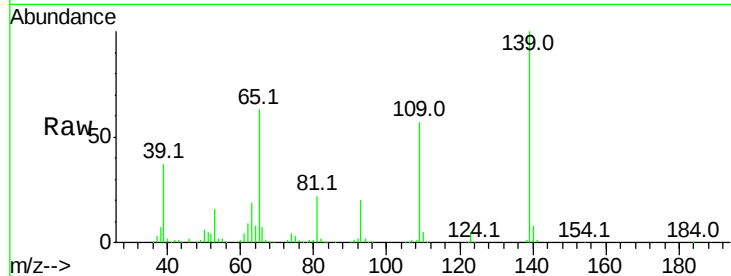
ClientSampleId :

SSTDCCC040

Tot Ion:139	Resp:	265567
Ion Ratio	Lower	Upper
139 100		
109 57.4	34.1	74.1
65 63.4	31.4	71.4

Manual Integrations
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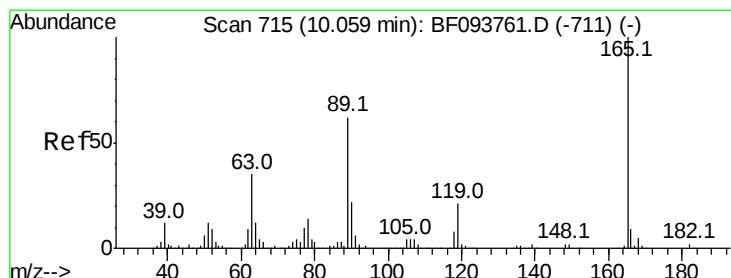
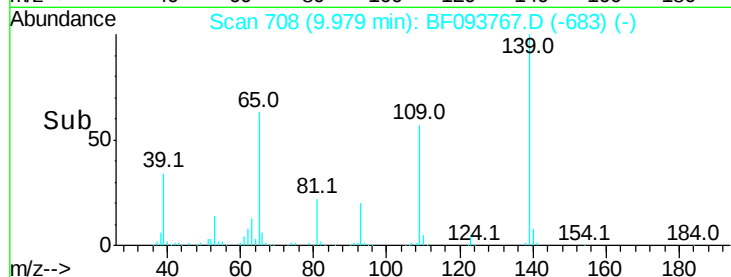
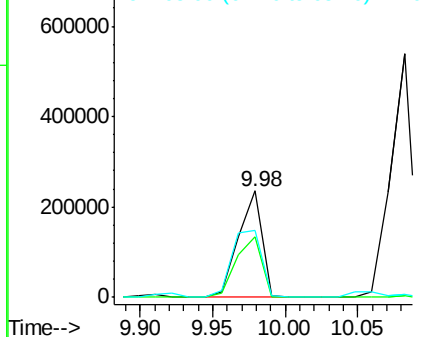
mohammad
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 46.71 ng

RT: 10.06 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

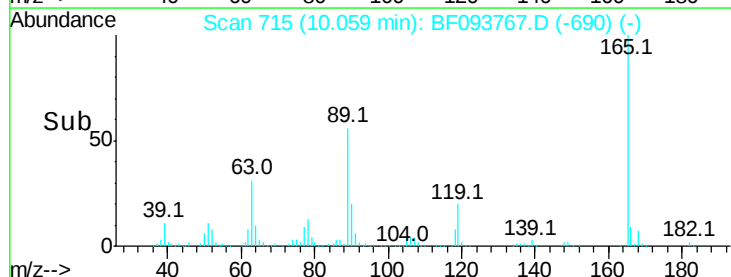
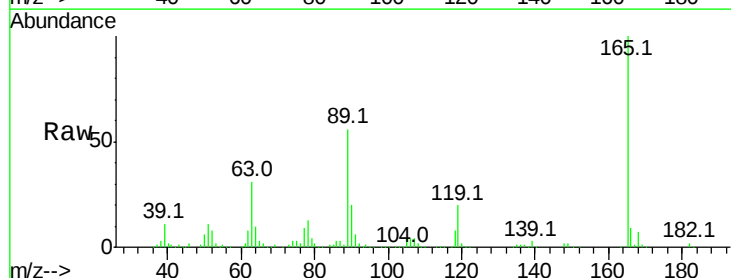
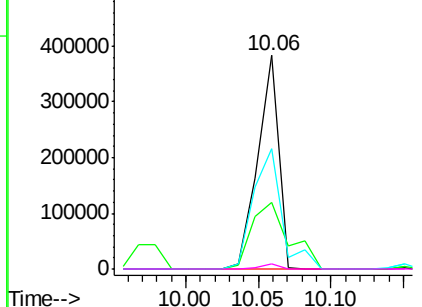
Tgt Ion:165	Resp:	383592
Ion Ratio	Lower	Upper
165 100		
63 31.0	25.4	38.0
89 56.2	46.4	69.6
182 2.5	1.8	2.6

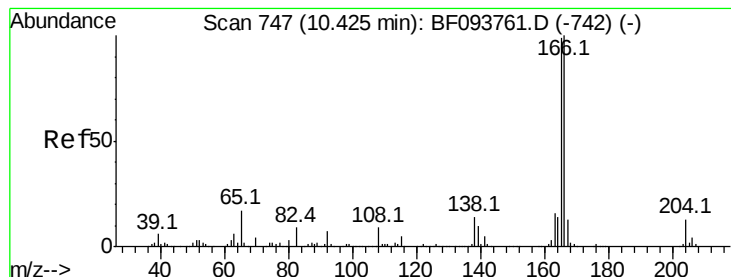
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.50 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1046805

Ion Ratio Lower Upper

166 100

165 97.4 78.8 118.2

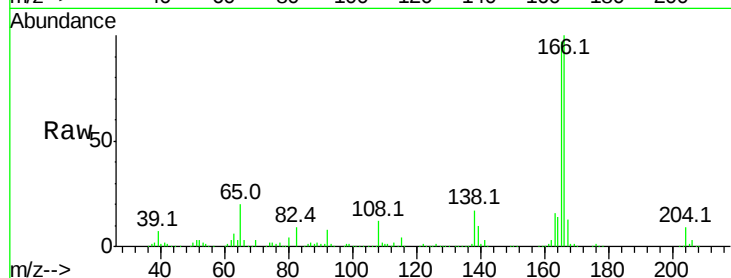
167 13.2 10.6 16.0

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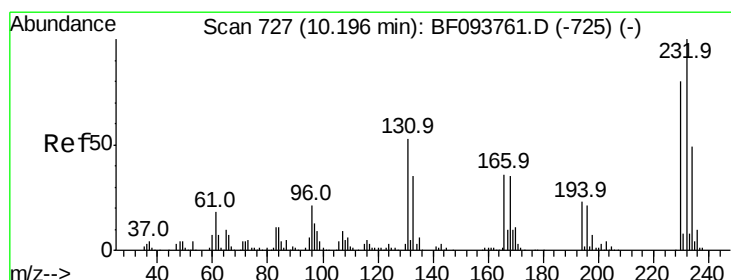
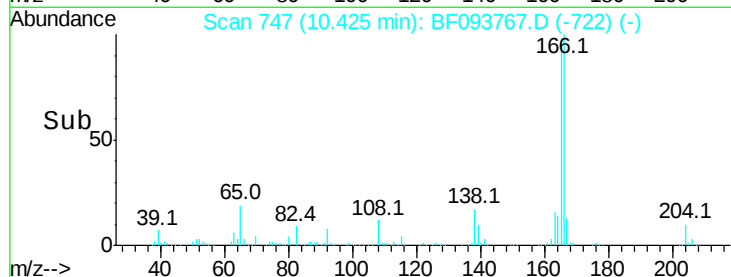
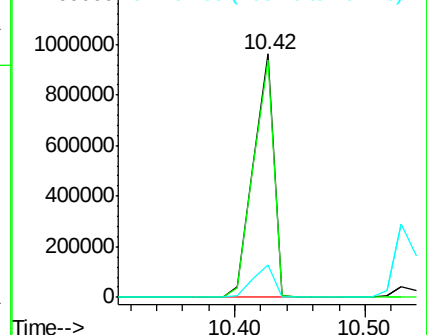
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.91 ng

RT: 10.20 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Tgt Ion:232 Resp: 243605

Ion Ratio Lower Upper

232 100

131 54.2 44.8 67.2

130 2.5 2.3 3.5

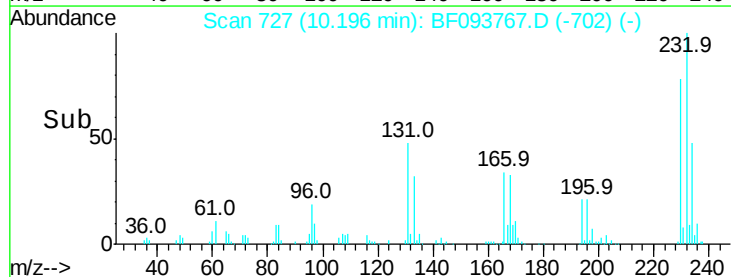
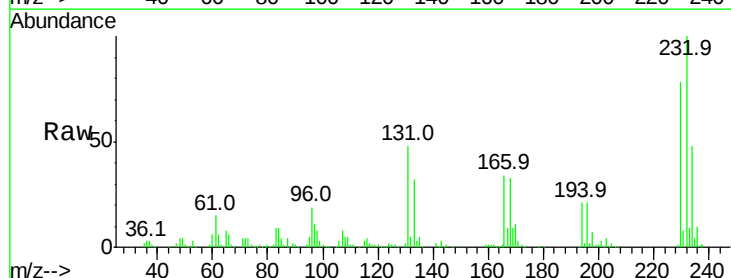
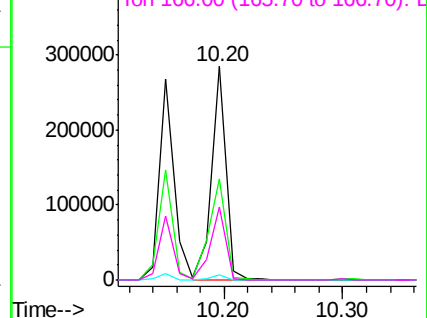
166 36.4 29.0 43.4

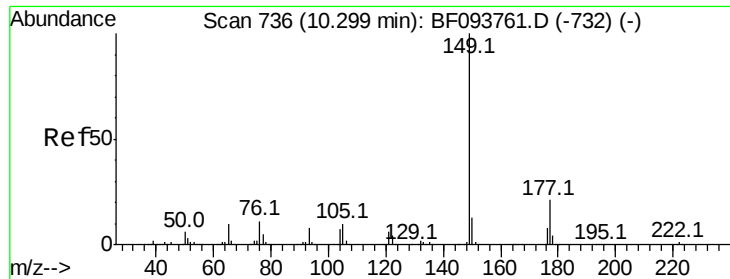
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





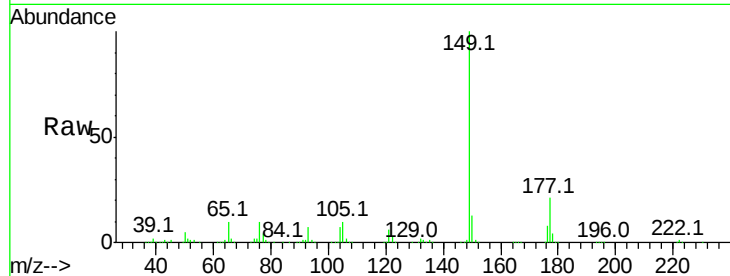
#59
Diethylphthalate
Concen: 38.07 ng
RT: 10.30 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

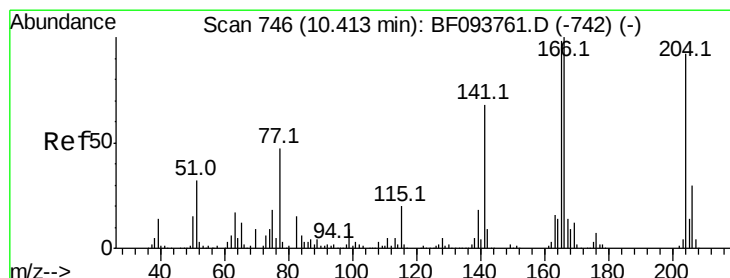
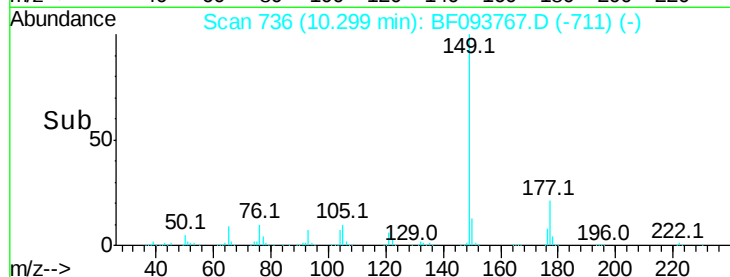
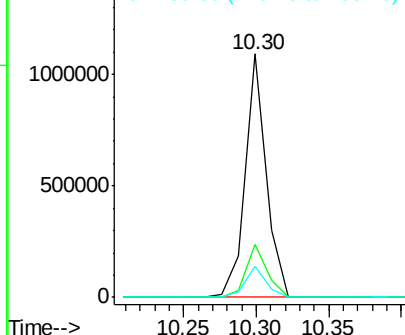
Tot Ion:149 Resp: 1093218
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 12.8 10.2 15.2

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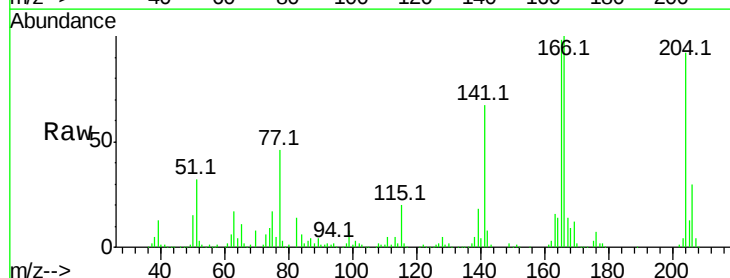


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

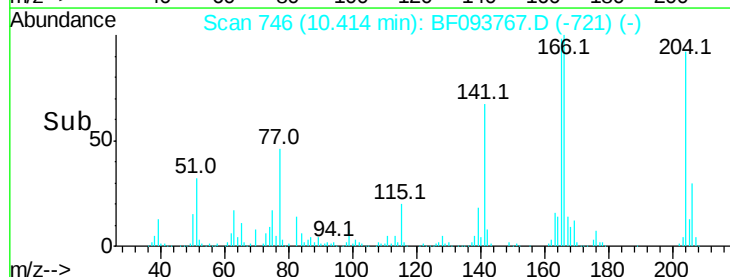
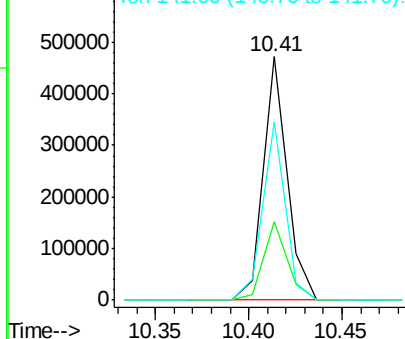


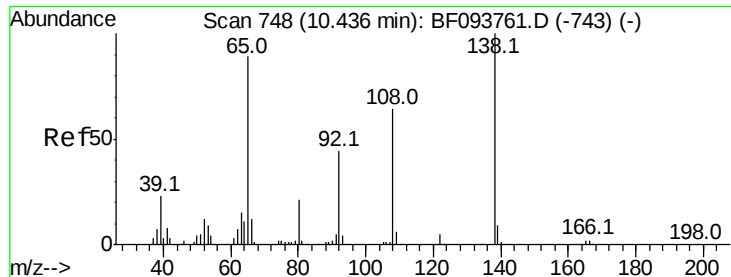
#60
4-Chlorophenyl-phenylether
Concen: 37.85 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Tgt Ion:204 Resp: 412280
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 73.1 60.8 91.2



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





#61

4-Nitroaniline

Concen: 42.85 ng

RT: 10.44 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

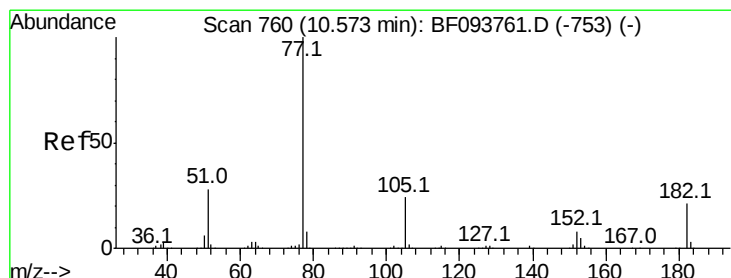
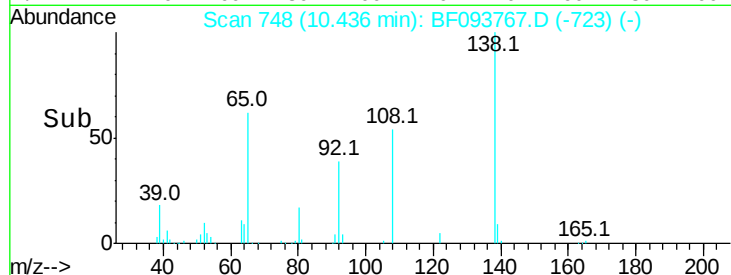
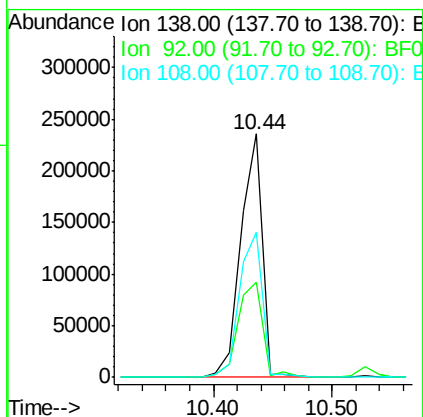
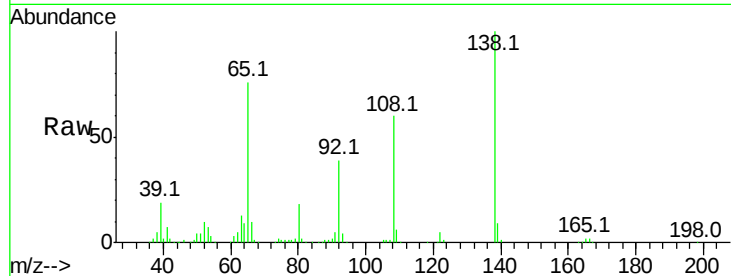
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	297662
Ion Ratio	Lower	Upper	
138	100		
92	39.3	21.8	61.8
108	59.6	42.3	82.3

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#62

Azobenzene

Concen: 41.24 ng

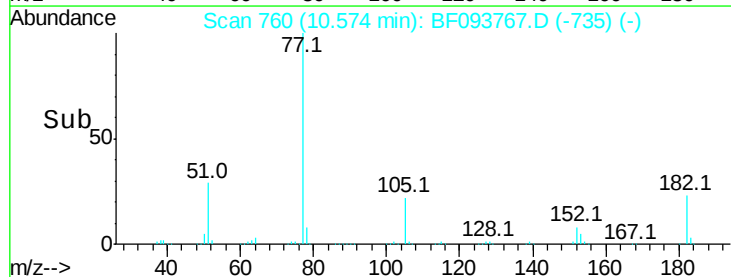
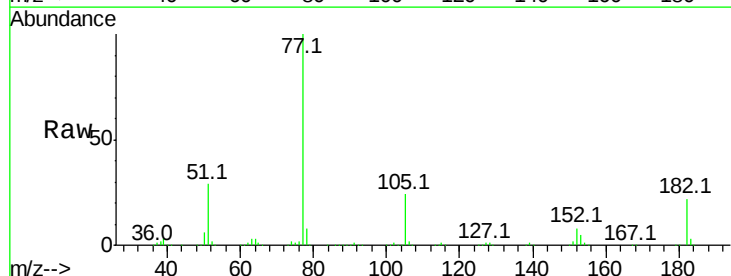
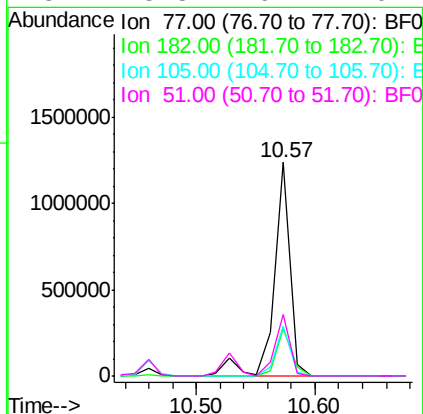
RT: 10.57 min Scan# 760

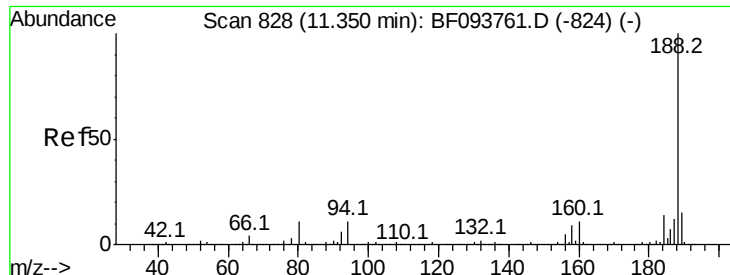
Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Tgt Ion:	77	Resp:	1171439
Ion Ratio	Lower	Upper	
77	100		
182	22.3	0.1	40.1
105	23.5	3.6	43.6
51	28.8	9.4	49.4





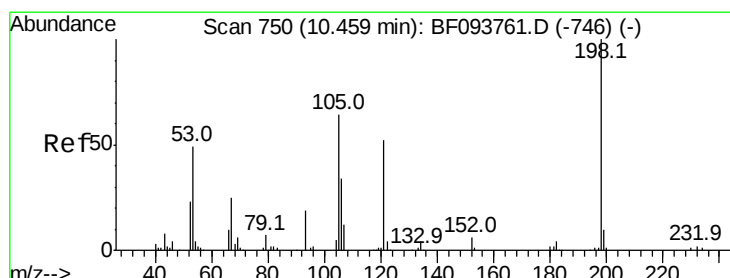
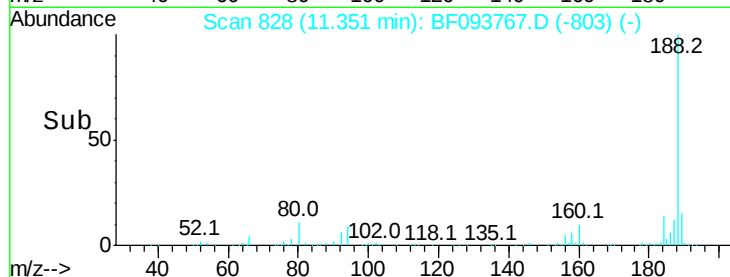
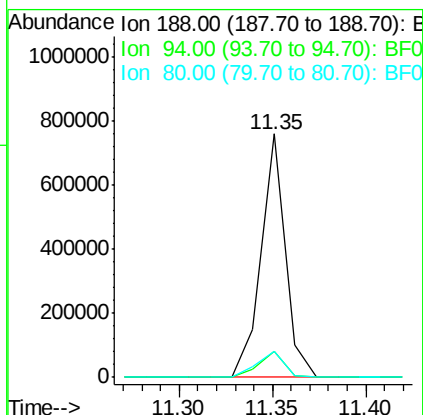
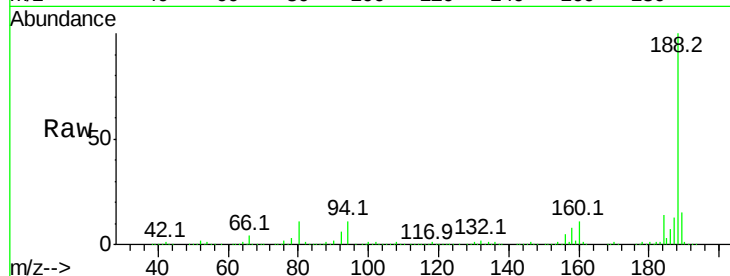
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	695618		
94	10.7		9.4	14.2
80	10.9		10.2	15.2

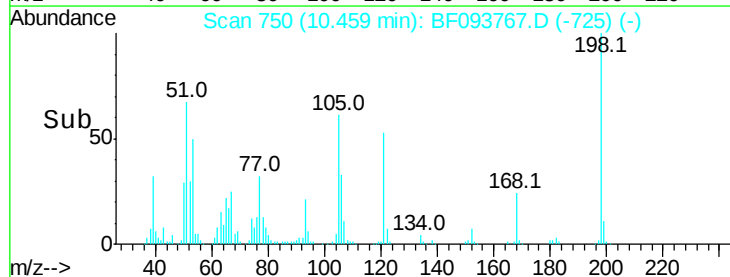
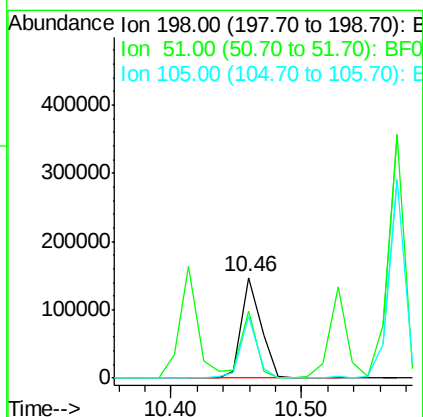
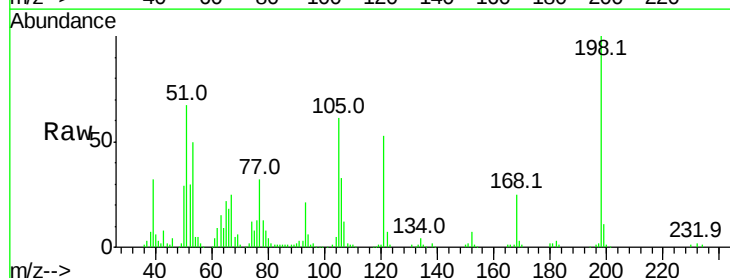
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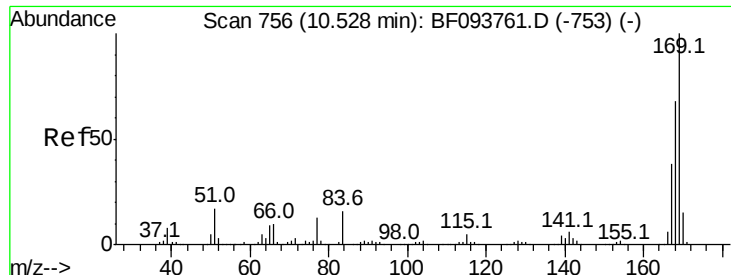
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.12 ng
RT: 10.46 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	153630		
51	67.0		53.2	93.2
105	61.3		45.8	85.8





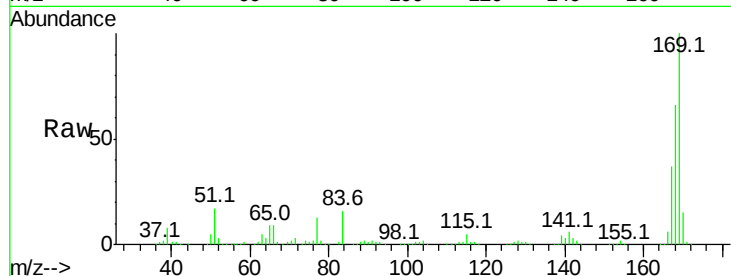
#65
 n-Nitrosodiphenylamine
 Concen: 38.91 ng
 RT: 10.53 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

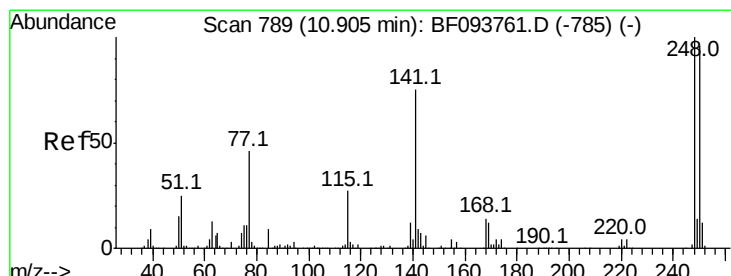
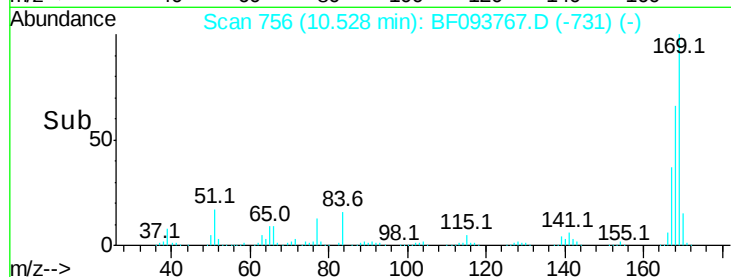
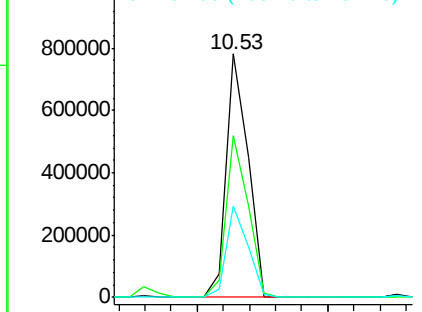
Tot Ion	Ratio	Resp	Lower	Upper
169	100	902252		
168	66.2	53.2	79.8	
167	37.3	29.5	44.3	

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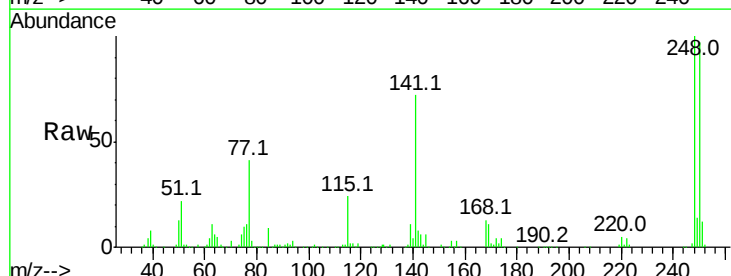


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

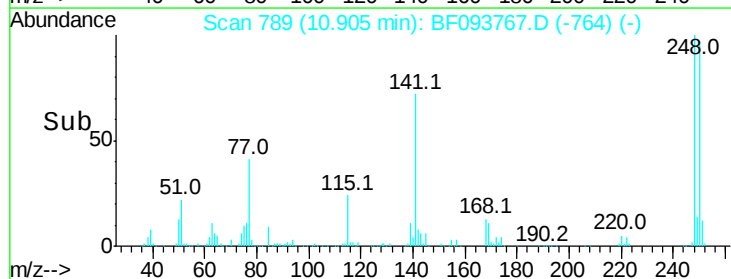
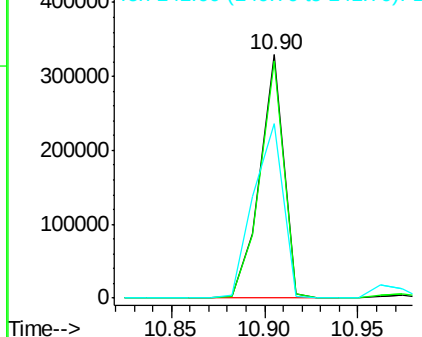


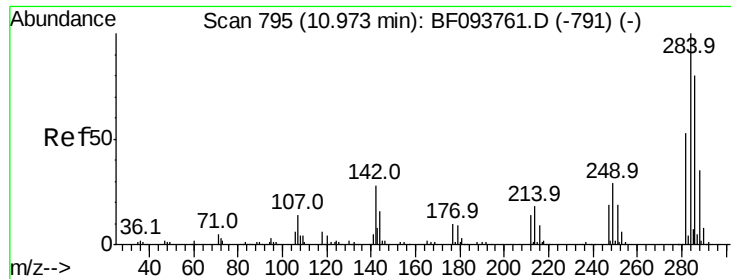
#66
 4-Bromophenyl-phenylether
 Concen: 43.56 ng
 RT: 10.90 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	291697		
250	97.5	76.8	115.2	
141	71.6	68.6	103.0	



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





#67

Hexachlorobenzene

Concen: 42.94 ng

RT: 10.97 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

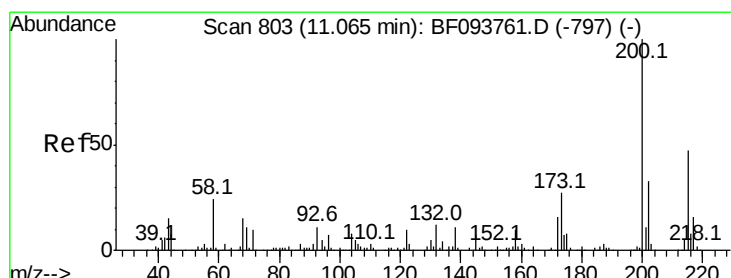
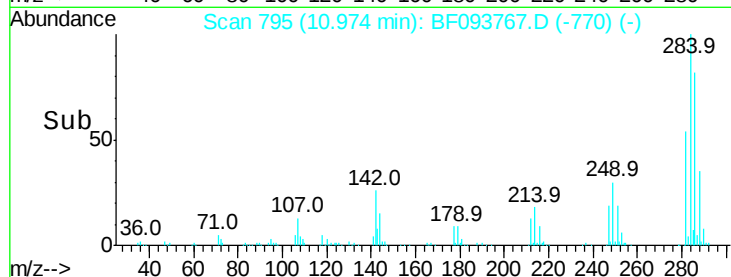
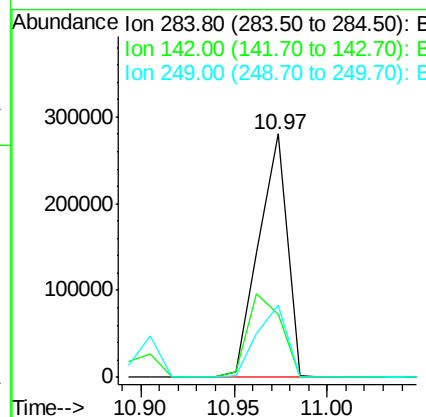
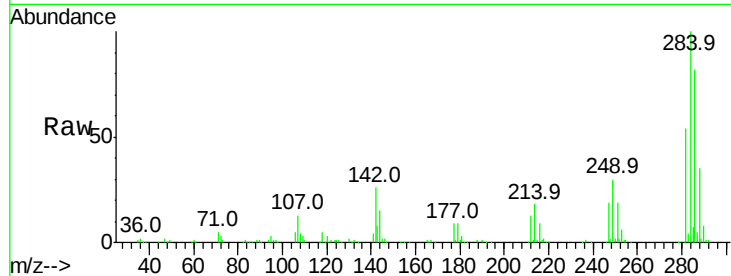
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	296462		
142	26.1	22.8	34.2	
249	29.8	24.0	36.0	

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#68

Atrazine

Concen: 42.14 ng

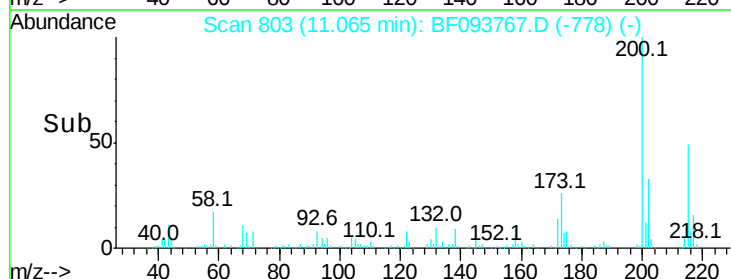
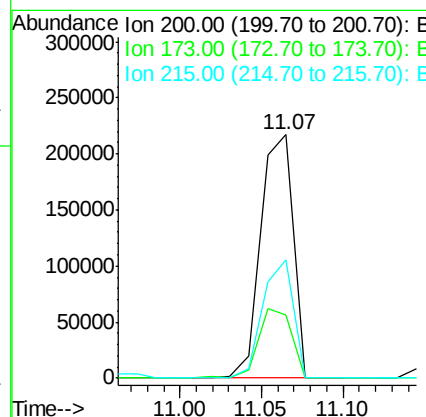
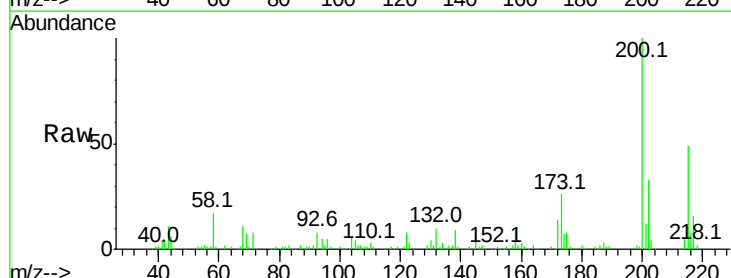
RT: 11.07 min Scan# 803

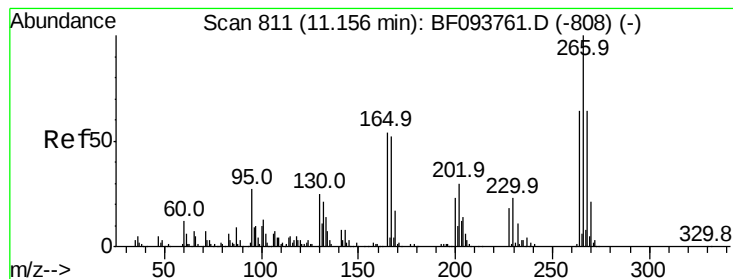
Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	299969		
173	26.0	6.3	46.3	
215	48.7	27.2	67.2	





#69

Pentachlorophenol

Concen: 44.83 ng

RT: 11.16 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

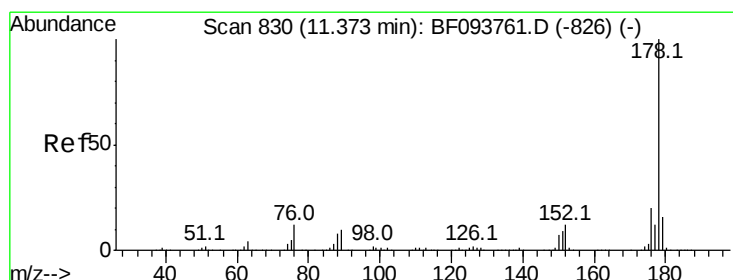
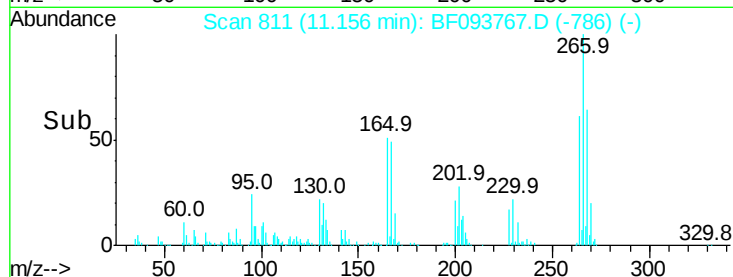
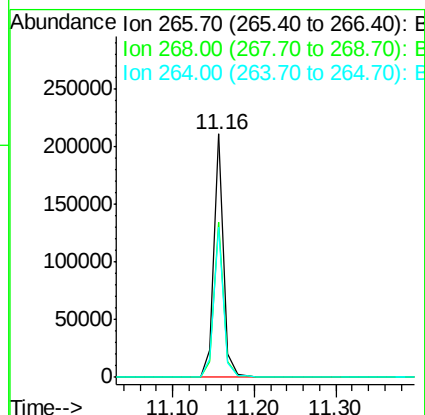
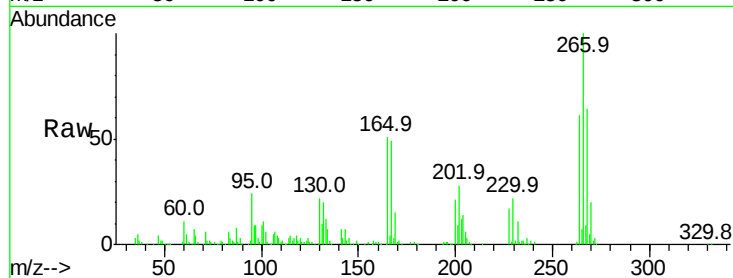
ClientSampleId :

SSTDCCC040

Tot Ion:	266	Resp:	181001
Ion Ratio	Lower	Upper	
266	100		
268	63.6	51.1	76.7
264	61.4	51.7	77.5

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#70

Phenanthrene

Concen: 36.12 ng

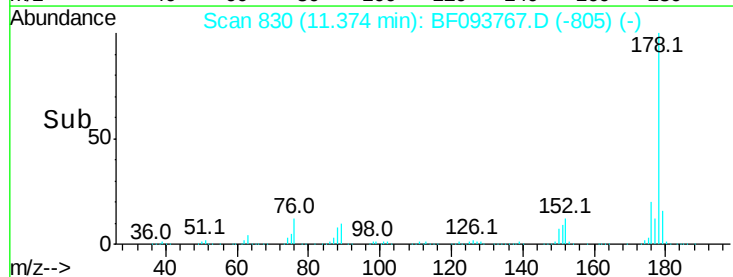
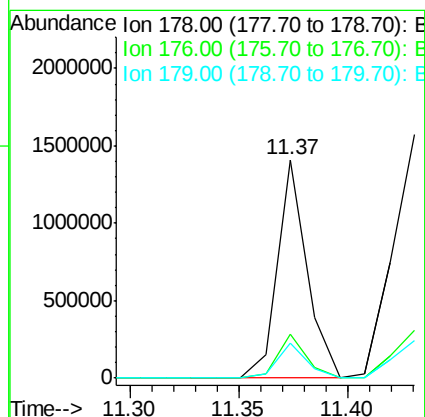
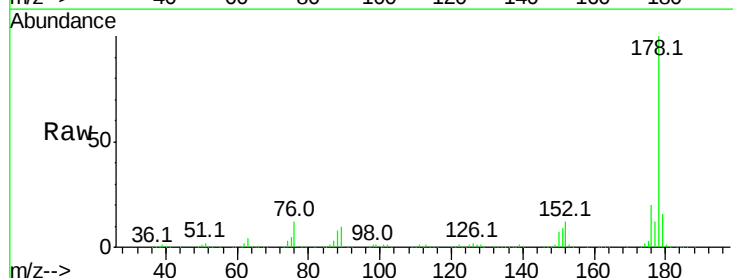
RT: 11.37 min Scan# 830

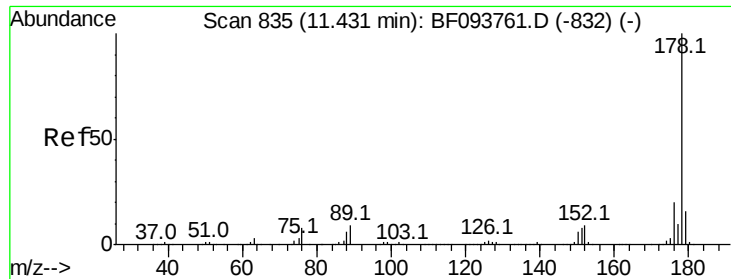
Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Tgt Ion:	178	Resp:	1338179
Ion Ratio	Lower	Upper	
178	100		
176	20.3	16.2	24.4
179	16.1	12.6	19.0





#71
 Anthracene
 Concen: 42.63 ng
 RT: 11.43 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

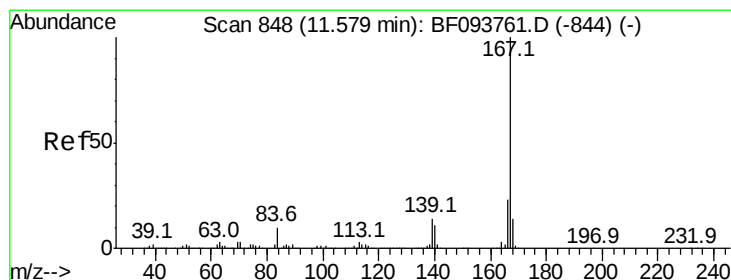
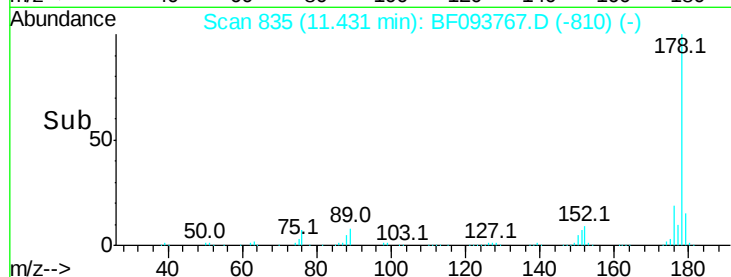
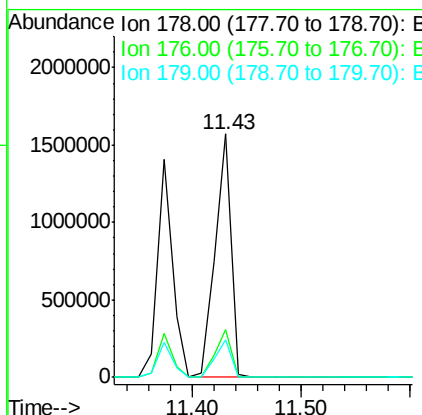
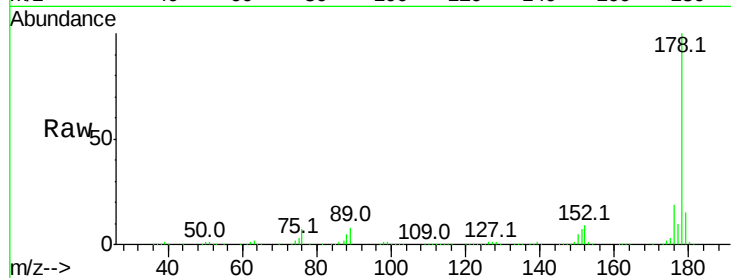
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1625880

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.4	12.7	19.1

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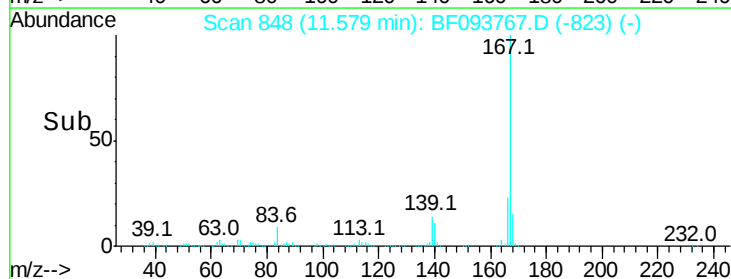
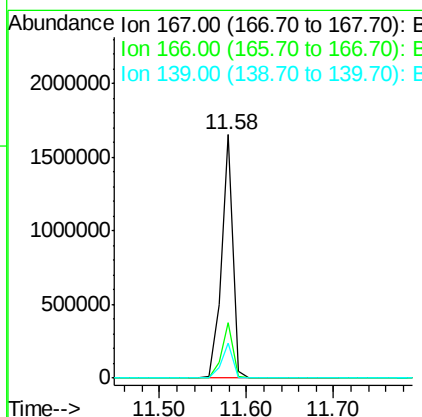
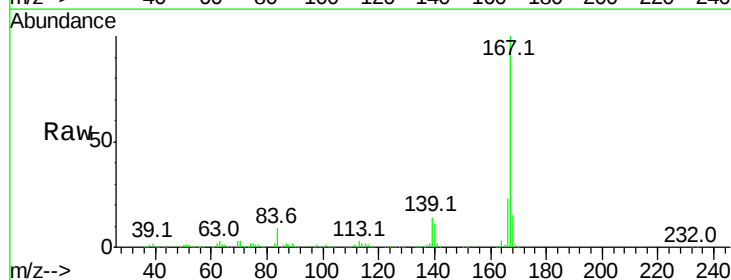
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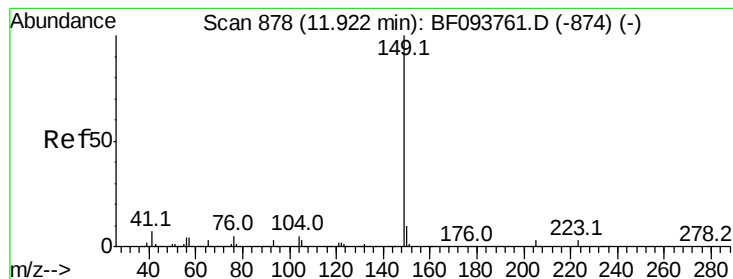


#72
 Carbazole
 Concen: 40.42 ng
 RT: 11.58 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Tgt Ion:167 Resp: 1526480

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.1	27.1
139	14.3	11.7	17.5





#73

Di-n-butylphthalate

Concen: 42.95 ng

RT: 11.92 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1745778

Ion Ratio Lower Upper

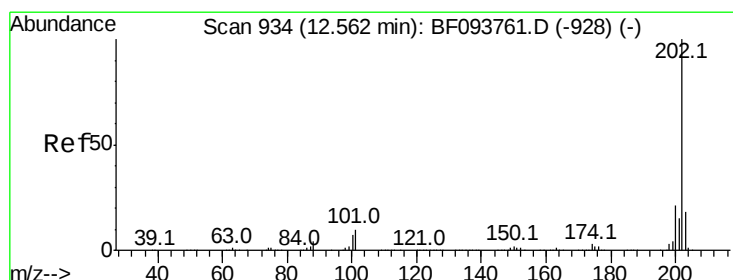
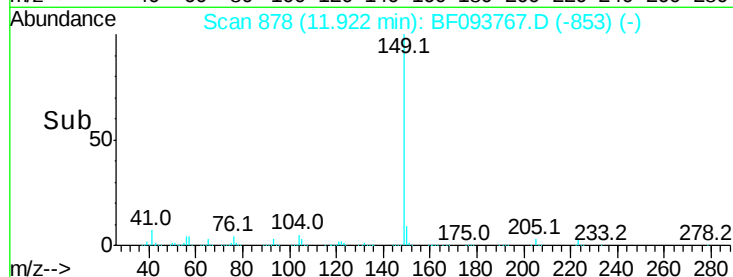
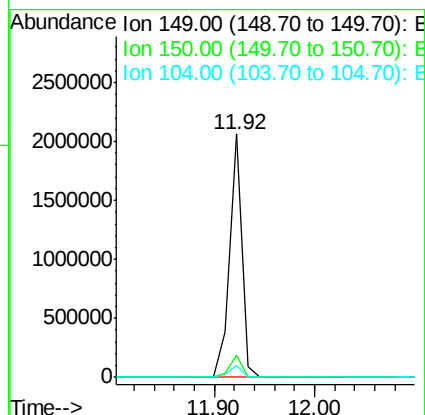
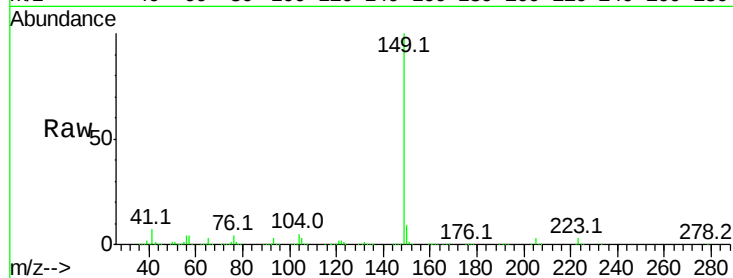
149 100

150 9.4 7.7 11.5

104 4.8 4.0 6.0

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#74

Fluoranthene

Concen: 41.83 ng

RT: 12.56 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

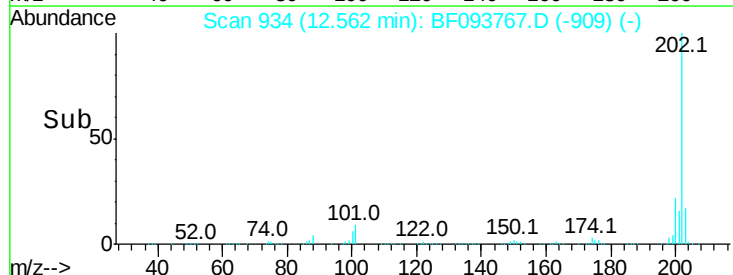
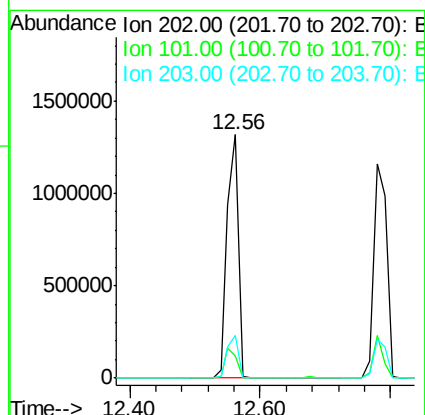
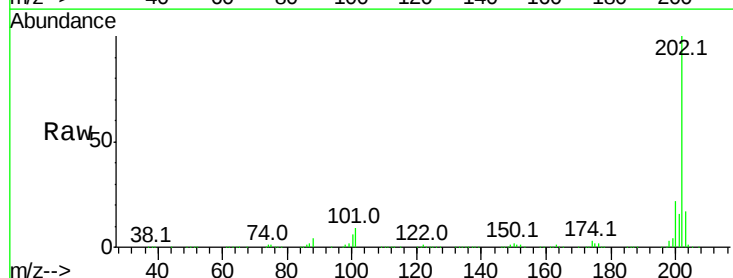
Tgt Ion:202 Resp: 1592773

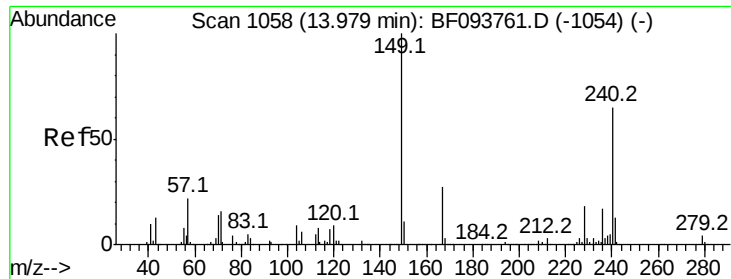
Ion Ratio Lower Upper

202 100

101 8.9 0.0 33.2

203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:240 Resp: 474751

Ion Ratio Lower Upper

240 100

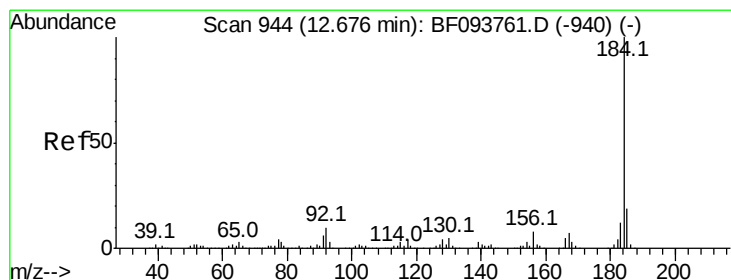
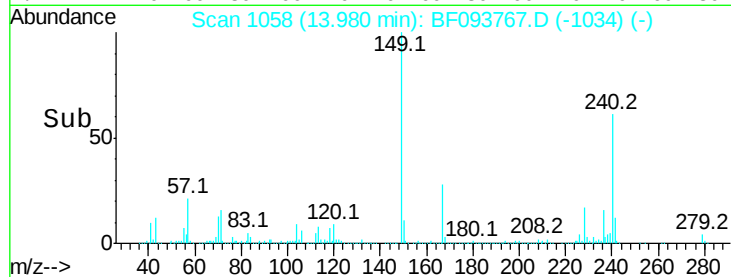
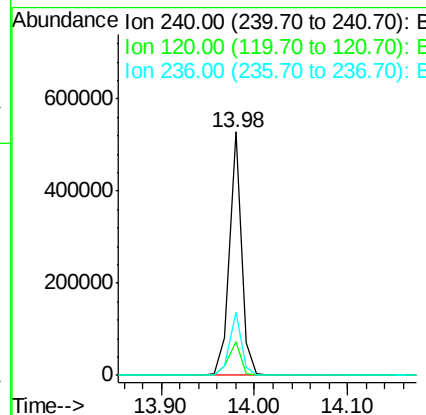
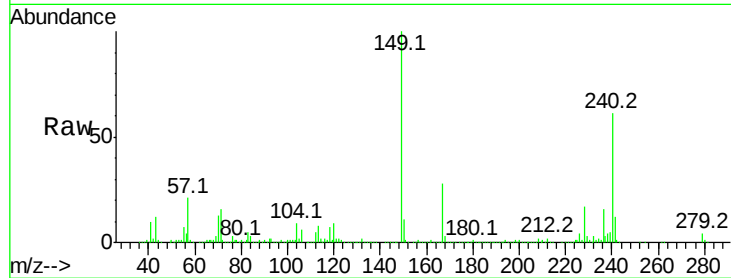
120 14.1 5.8 8.8#

236 25.9 20.5 30.7

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#76

Benzidine

Concen: 39.37 ng

RT: 12.68 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

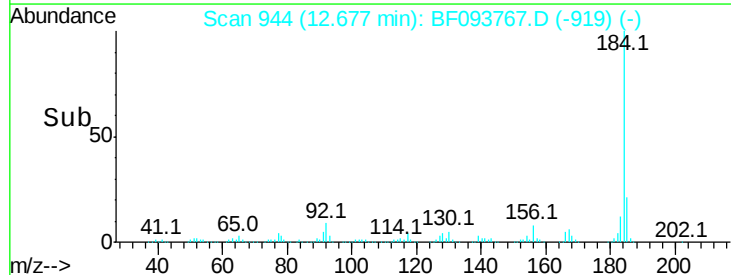
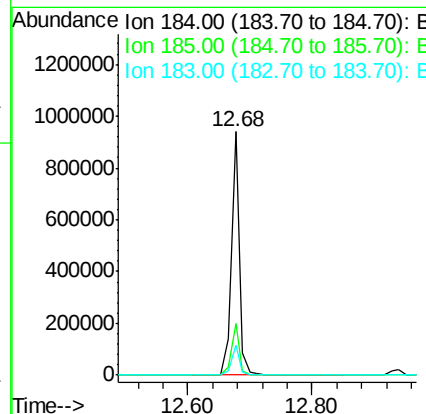
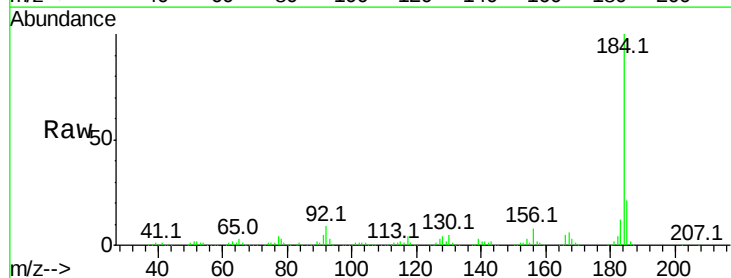
Tgt Ion:184 Resp: 820032

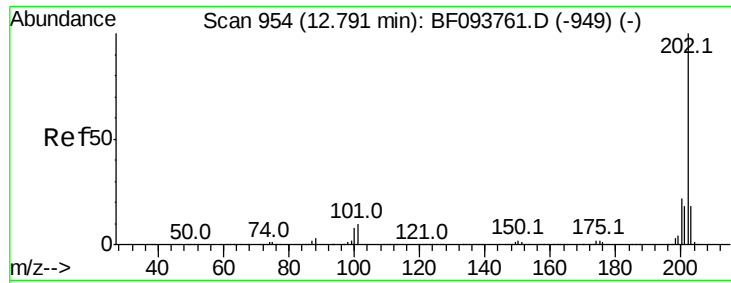
Ion Ratio Lower Upper

184 100

185 21.1 15.5 23.3

183 12.1 9.8 14.6





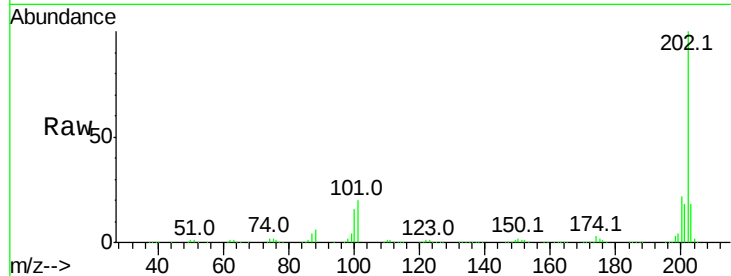
#77
Pvrene
Concen: 39.01 ng
RT: 12.78 min Scan# 953
Delta R.T. -0.02 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

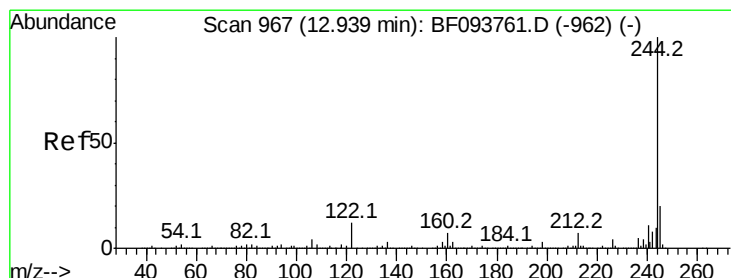
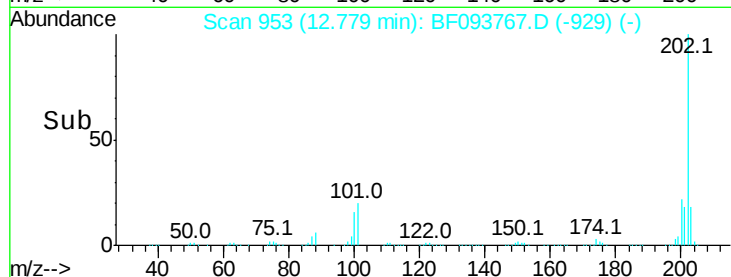
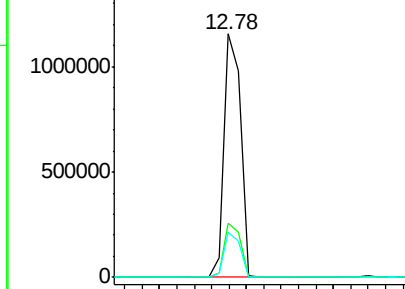
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.6	26.4
203	18.4	14.4	21.6

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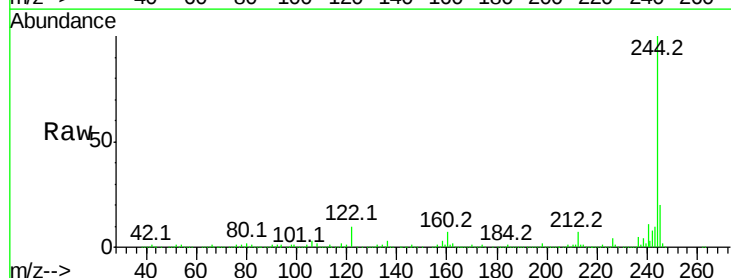


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

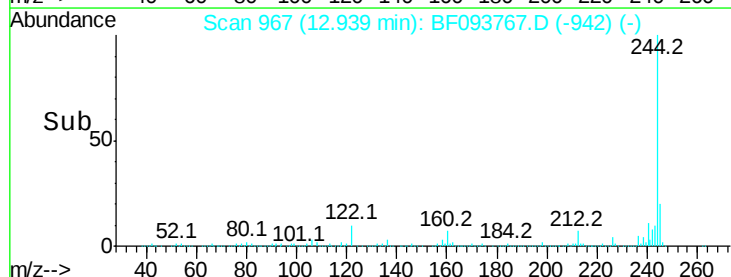
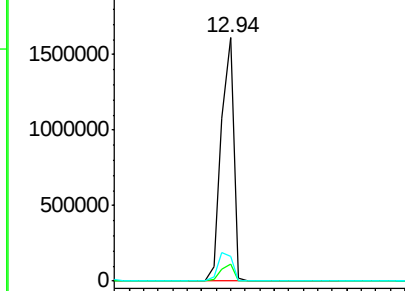


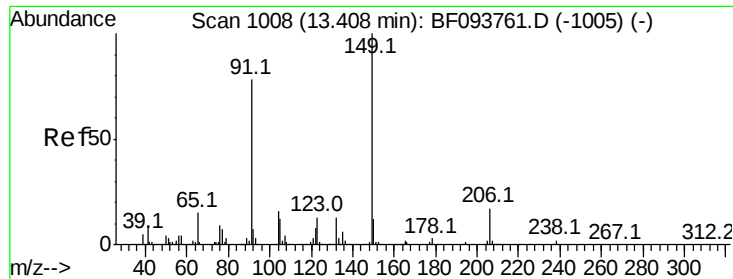
#78
Terphenyl-d14
Concen: 82.90 ng
RT: 12.94 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	10.3	10.3	15.5



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





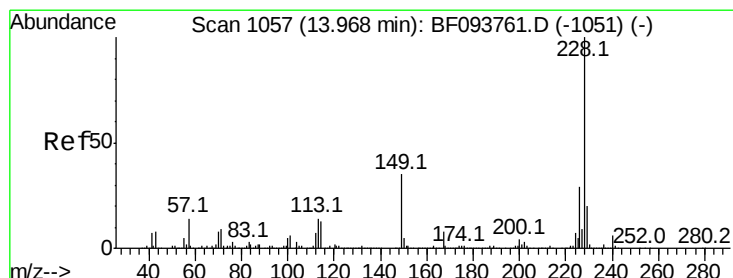
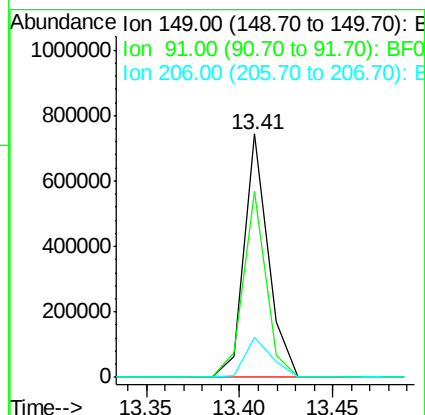
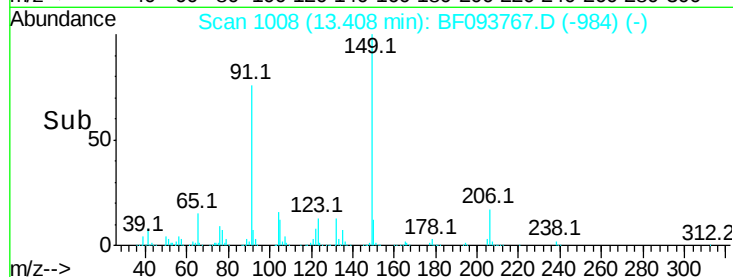
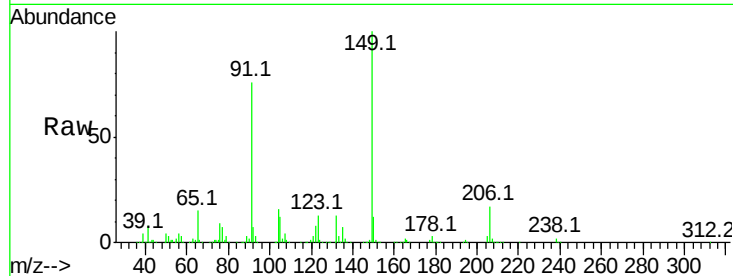
#79
Butylbenzylphthalate
Concen: 38.05 ng
RT: 13.41 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	671894		
91	76.4	45.0	67.4#	
206	16.7	17.0	25.6#	

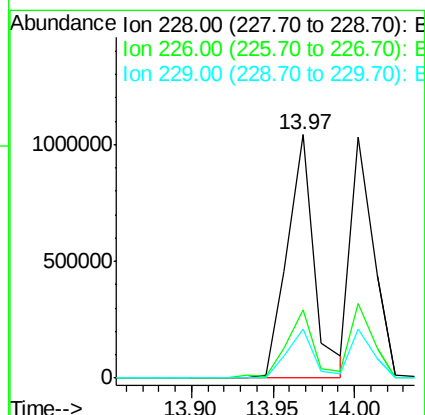
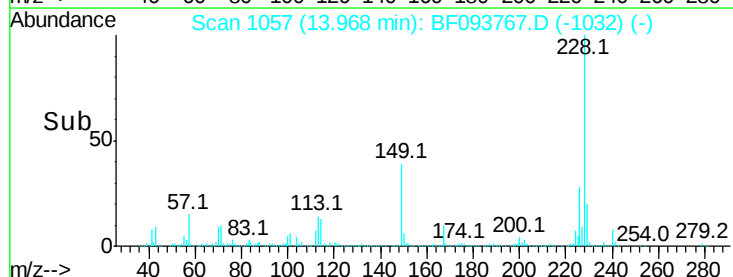
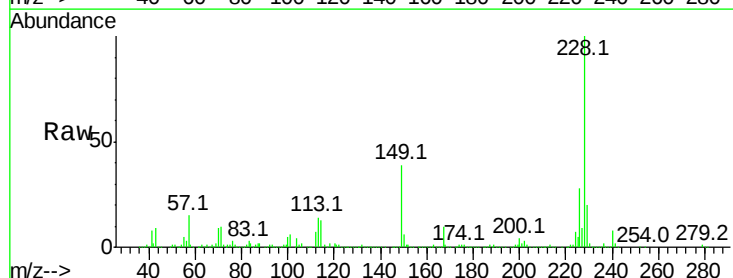
Manual Integrations
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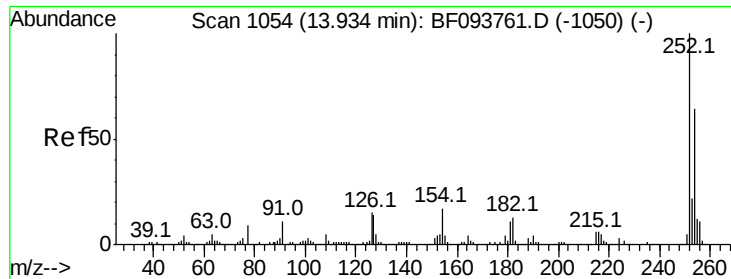
mohammad
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#80
Benzo(a)anthracene
Concen: 40.68 ng
RT: 13.97 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1209594		
226	27.9	22.6	33.8	
229	20.1	16.3	24.5	





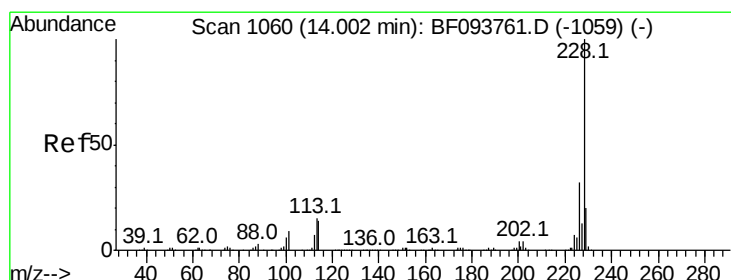
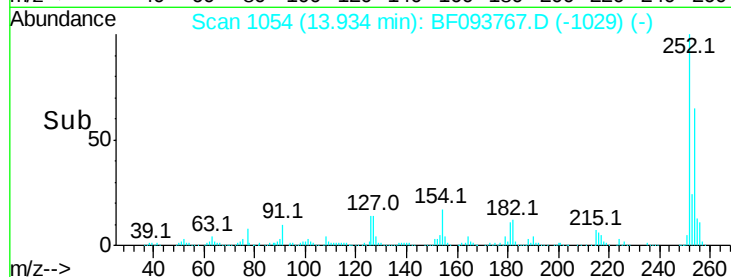
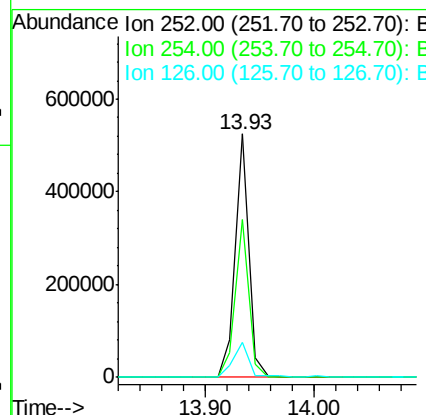
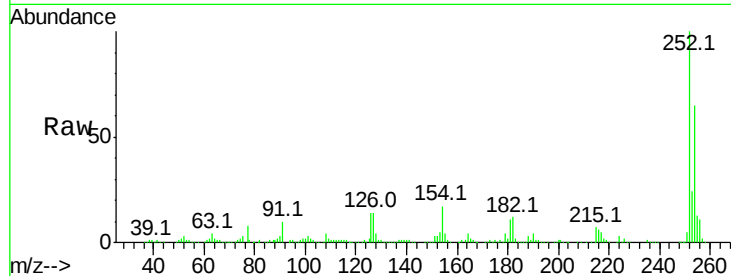
#81
 3,3'-Dichlorobenzidine
 Concen: 40.19 ng
 RT: 13.93 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.5	77.3
126	14.5	15.8	23.8

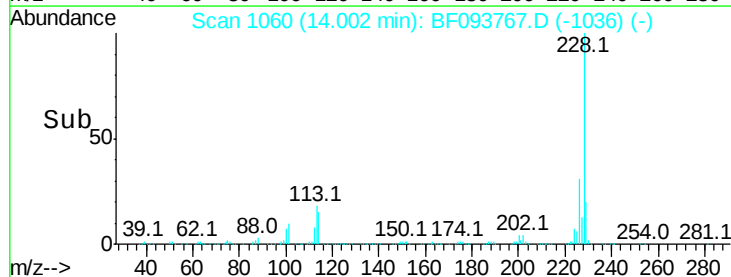
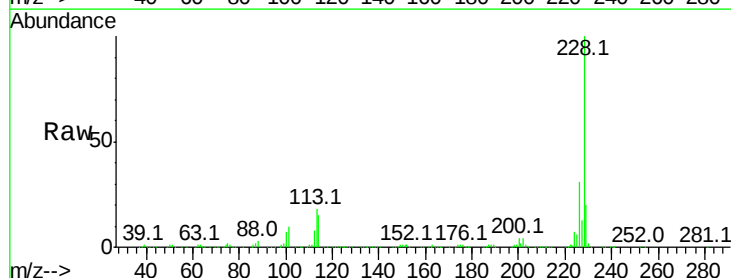
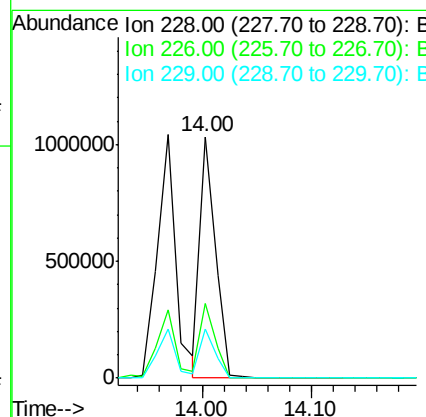
Manual Integrations
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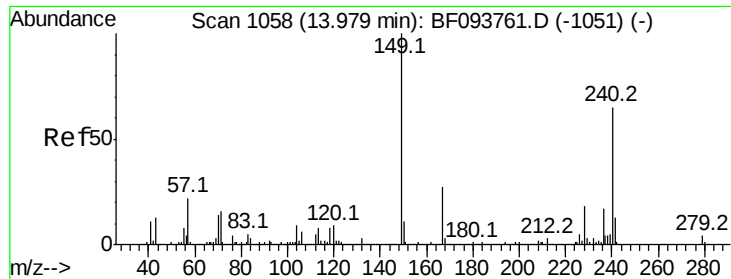
mohammad
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#82
 Chrysene
 Concen: 34.75 ng
 RT: 14.00 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.3	15.8	23.6





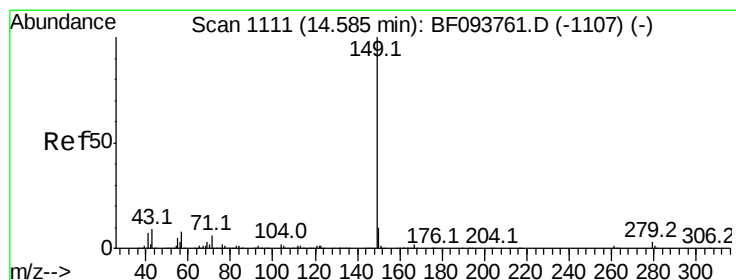
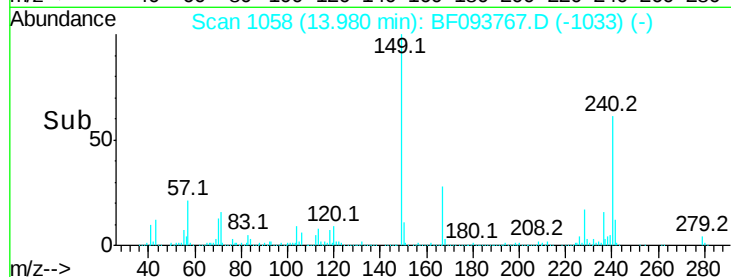
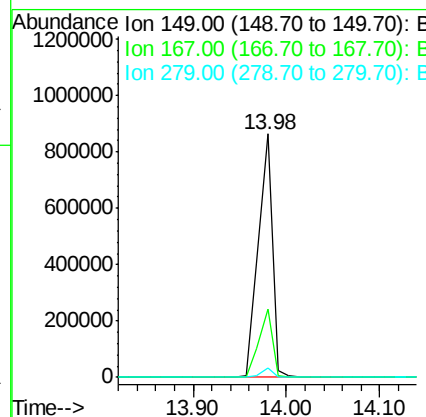
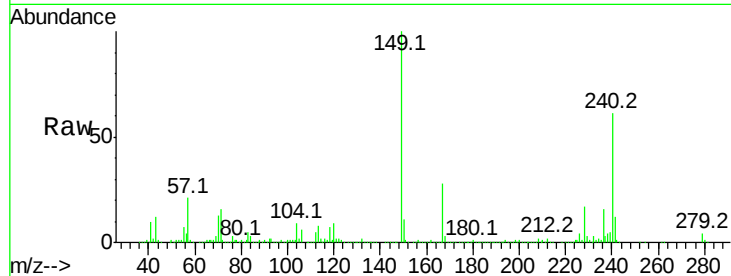
#83
Bis(2-ethylhexyl)phthalate
Concen: 42.33 ng
RT: 13.98 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.8	21.0	31.4	
279	3.6	1.9	2.9	

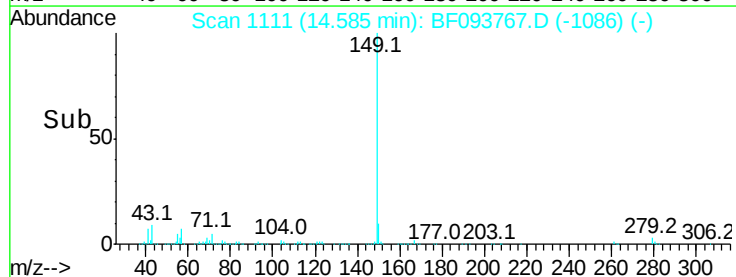
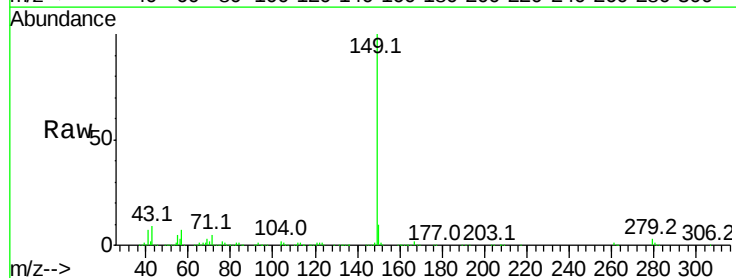
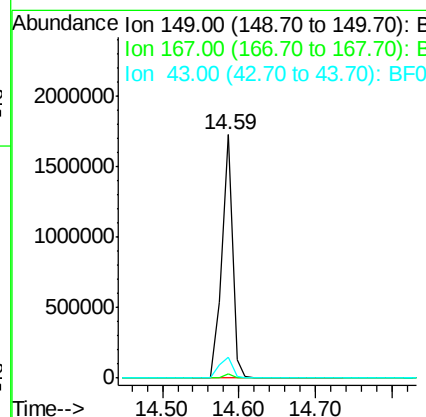
Manual Integrations
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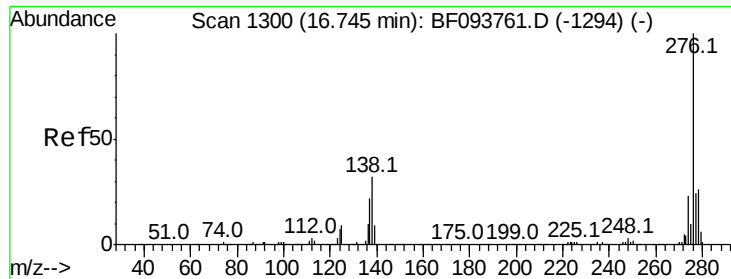
mohammad
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#84
Di-n-octyl phthalate
Concen: 42.92 ng
RT: 14.59 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	10.6	8.5	12.7	





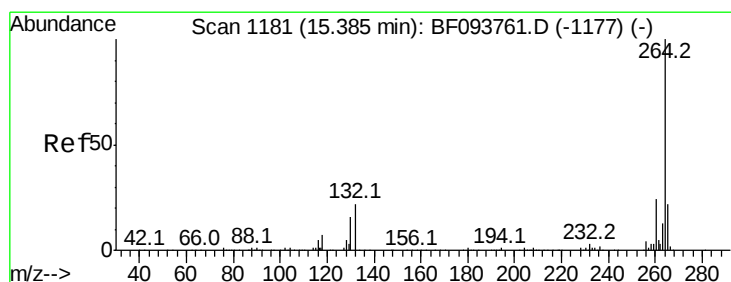
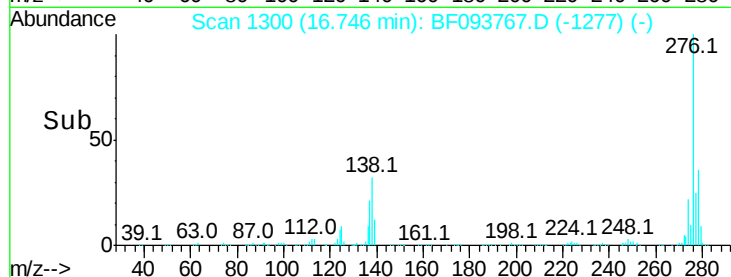
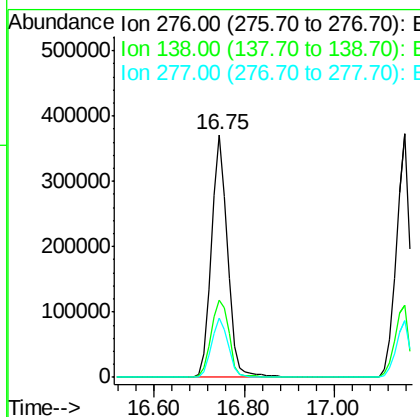
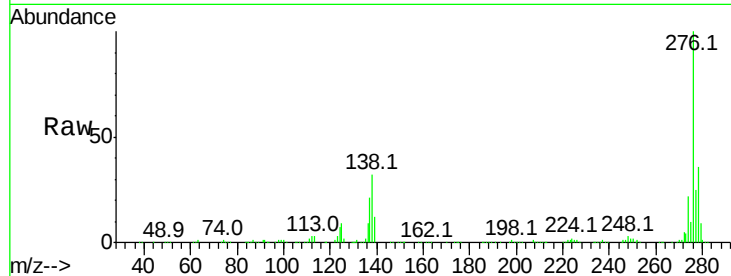
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.19 ng
 RT: 16.75 min Scan# 1300
 Delta R.T. -0.03 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.8	27.8	41.6
277	25.4	20.2	30.4

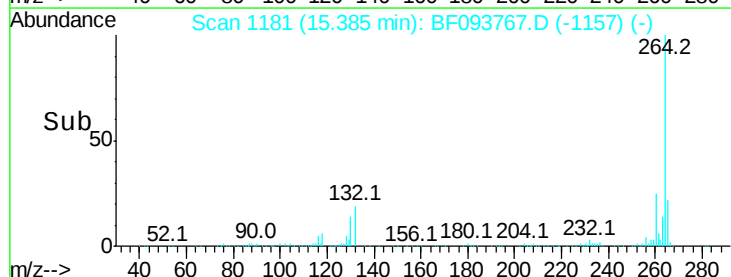
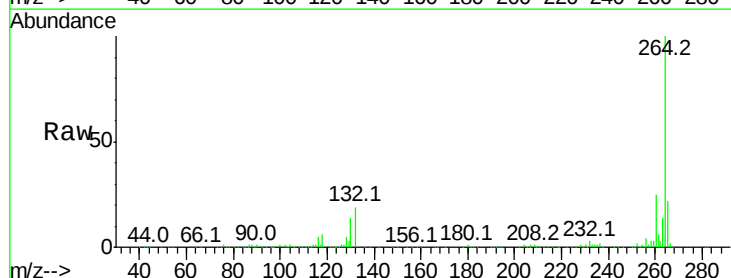
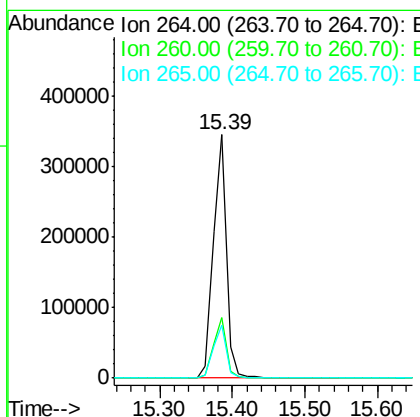
Manual Integrations
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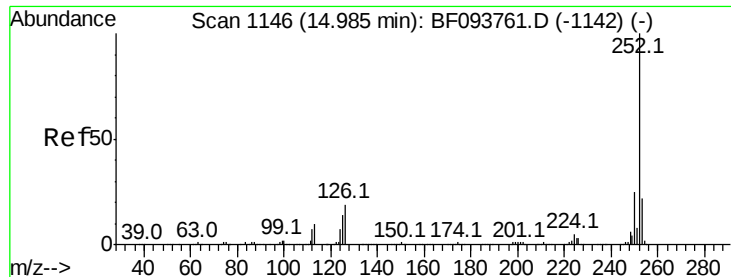
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.6	17.2	25.8





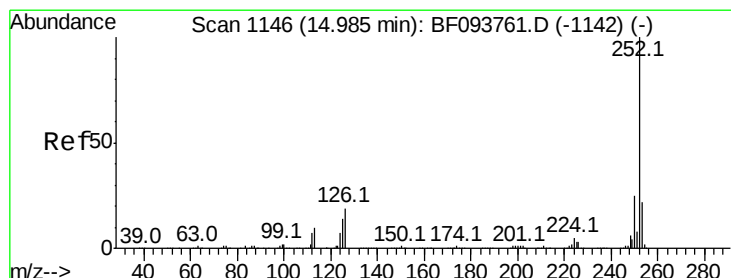
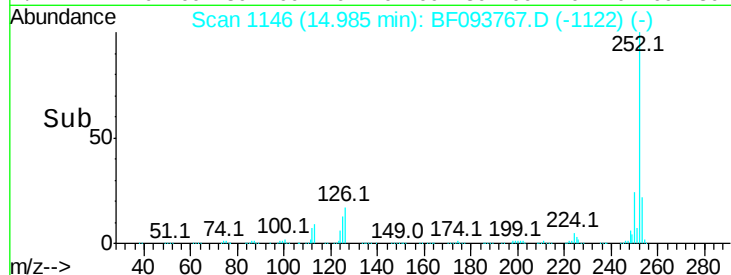
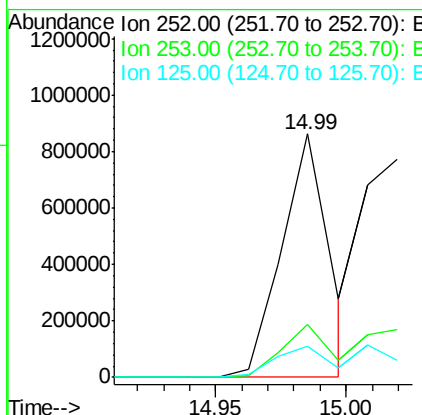
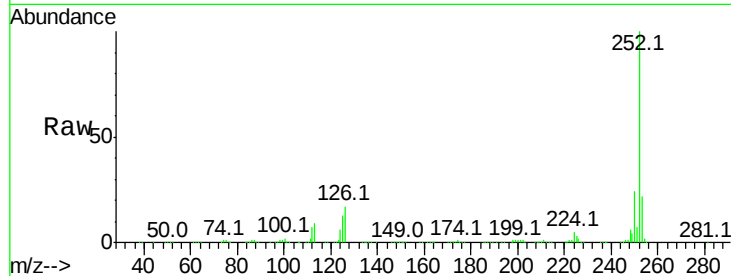
#87
Benzo(b)fluoranthene
Concen: 36.78 ng
RT: 14.99 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	12.7	9.8	14.8

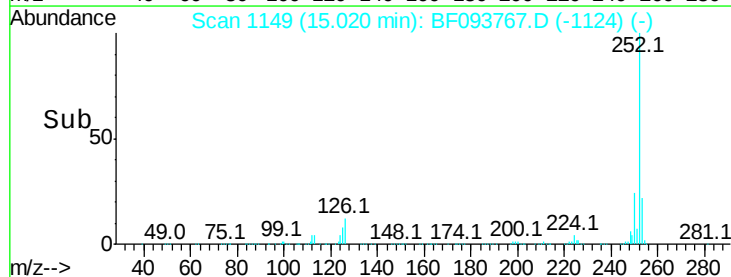
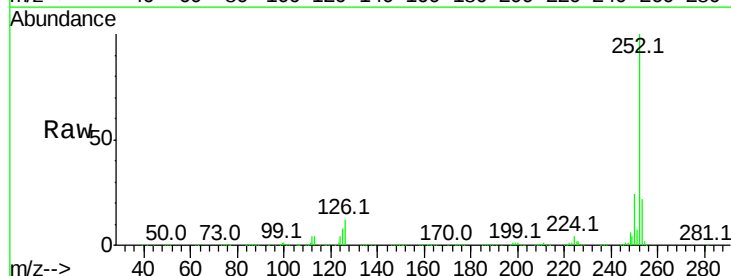
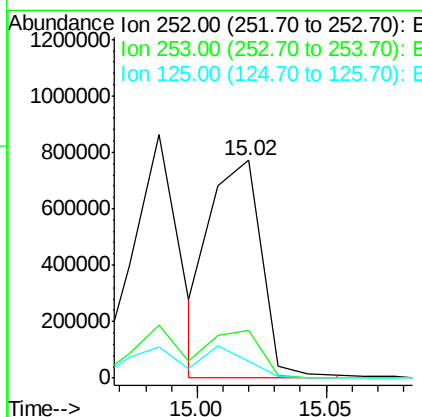
Manual Integrations
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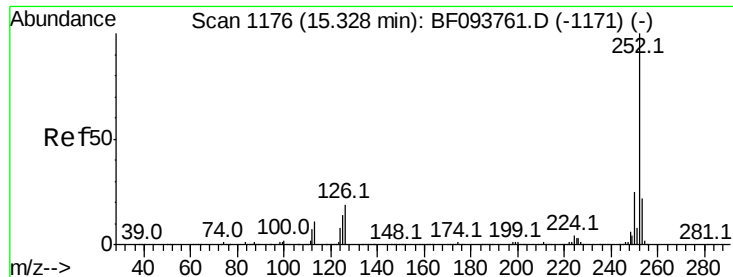
mohammad
3/21/2017 2:45:20 PM



#88
Benzo(k)fluoranthene
Concen: 47.83 ng m
RT: 15.02 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	7.8	13.1	19.7





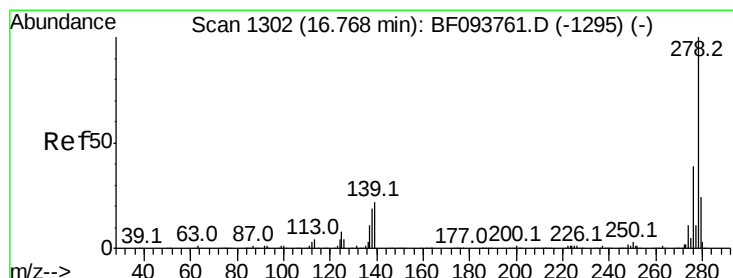
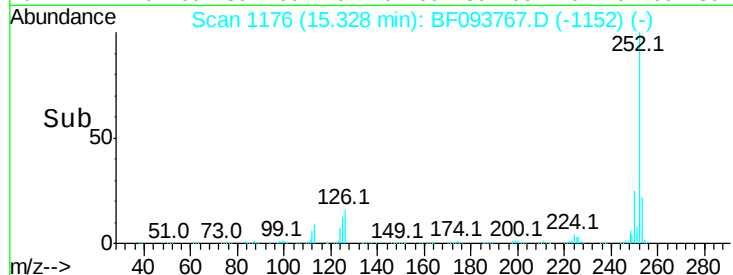
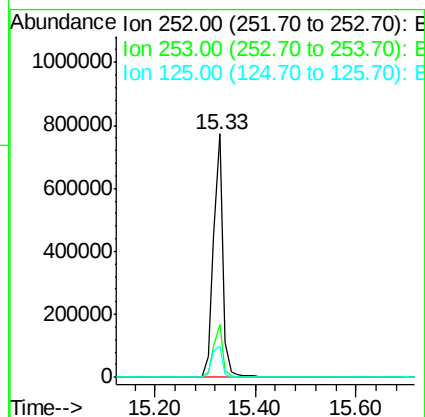
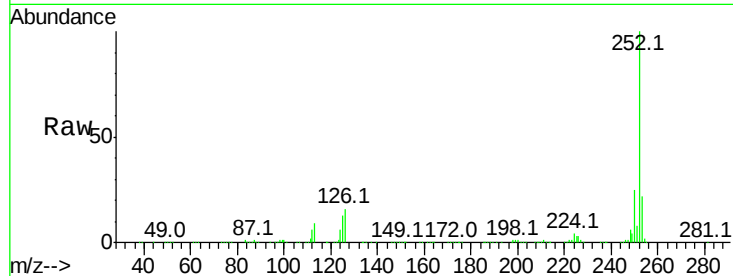
#89
Benzo(a)pyrene
Concen: 41.87 ng
RT: 15.33 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	13.0	11.0	16.4

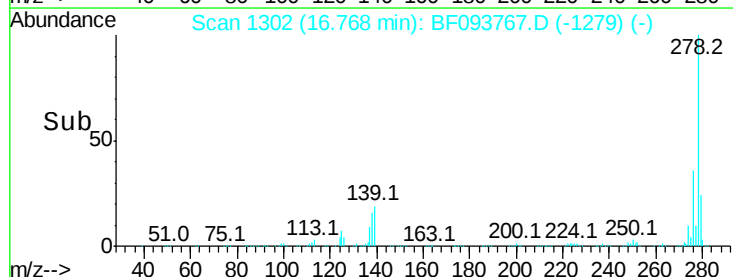
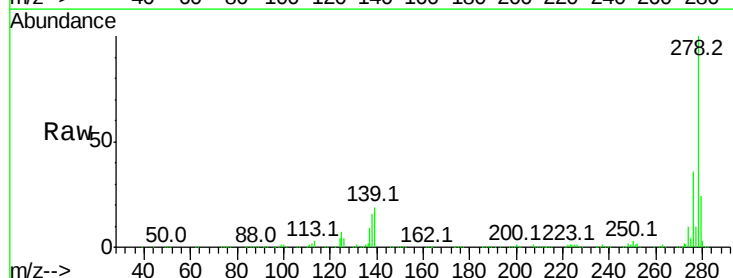
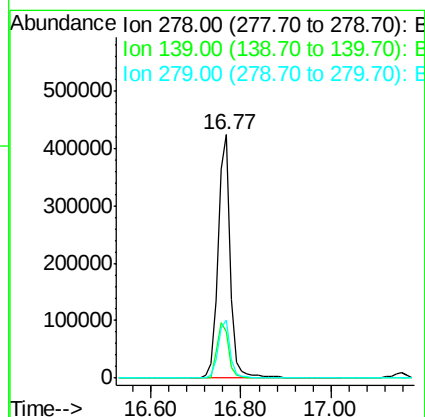
Manual Integrations
APPROVED

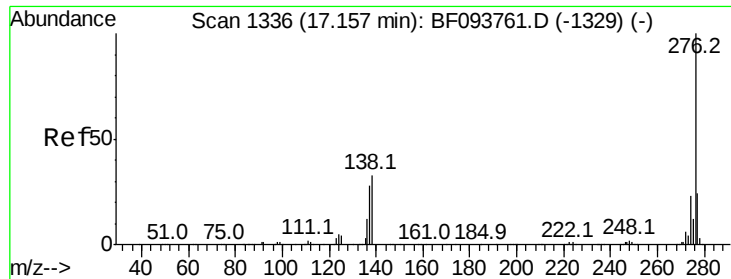
mohammad
3/21/2017 2:45:20 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.85 ng
RT: 16.77 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.3	16.6	24.8
279	23.7	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 40.41 ng
 RT: 17.16 min Scan# 1336
 Delta R.T. -0.03 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	29.5	25.4	38.0

Manual Integrations
 APPROVED

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