

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
 Data File : BF093761.D
 Acq On : 20 Mar 2017 12:44
 Operator : SJ/MA
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

mohammad
 3/21/2017 2:44:55 PM

Quant Time: Mar 20 13:19:44 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 13:13:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	220542	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	919328	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	417242	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	715075	20.00	ng	0.00
75) Chrysene-d12	13.98	240	506940	20.00	ng	0.00
86) Perylene-d12	15.39	264	478775	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1004011	75.90	ng	0.00
7) Phenol-d6	6.47	99	1260954	76.91	ng	0.00
23) Nitrobenzene-d5	7.41	82	1353376	88.35	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	272387	99.75	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1834428	82.96	ng	0.00
78) Terphenyl-d14	12.94	244	1959543	83.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	262223	38.39	ng	97
3) Pyridine	3.13	79	699599	37.45	ng	98
4) n-Nitrosodimethylamine	3.08	42	307182	37.57	ng	96
6) Aniline	6.49	93	887905	37.88	ng	99
8) 2-Chlorophenol	6.62	128	558571	37.98	ng	98
9) Benzaldehyde	6.38	77	458992	48.35	ng	99
10) Phenol	6.48	94	782926	40.84	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	564566	37.37	ng	99
12) 1,3-Dichlorobenzene	6.78	146	645649	39.62	ng	98
13) 1,4-Dichlorobenzene	6.86	146	677758	40.62	ng	99
14) 1,2-Dichlorobenzene	7.01	146	554584	35.54	ng	98
15) Benzyl Alcohol	6.98	79	491821	40.07	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.12	45	890451	37.39	ng	100
17) 2-Methylphenol	7.10	107	510068	40.06	ng	95
18) Hexachloroethane	7.36	117	233827	39.44	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	393354	36.13	ng	98
20) 3+4-Methylphenols	7.25	107	526564	34.89	ng	98
22) Acetophenone	7.25	105	720348	35.17	ng	99
24) Nitrobenzene	7.42	77	579821	35.02	ng	98
25) Isophorone	7.67	82	1135592	38.51	ng	# 91
26) 2-Nitrophenol	7.74	139	324701	51.79	ng	99
27) 2,4-Dimethylphenol	7.78	122	567242	39.54	ng	94
28) bis(2-Chloroethoxy)methane	7.88	93	706724	37.97	ng	100
29) 2,4-Dichlorophenol	7.98	162	495729	40.22	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	515564	40.13	ng	98
31) Naphthalene	8.15	128	1755303	39.16	ng	99
32) Benzoic acid	7.90	122	366870	48.87	ng	98
33) 4-Chloroaniline	8.20	127	710053	37.82	ng	# 87
34) Hexachlorobutadiene	8.28	225	267635	39.77	ng	99
35) Caprolactam	8.56	113	150371	36.35	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	547357	42.18	ng	93
37) 2-Methylnaphthalene	8.84	142	1113976	38.37	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	473948	48.51	ng	99
40) Hexachlorocyclopentadiene	9.00	237	218456	44.76	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	331641	46.04	nq	98
43) 2,4,5-Trichlorophenol	9.14	196	315734	42.51	nq	99
45) 1,1'-Biphenyl	9.30	154	1342016	45.87	nq	99
46) 2-Chloronaphthalene	9.33	162	1054621	44.92	nq	99
47) 2-Nitroaniline	9.41	65	279603	41.17	nq	99
48) Acenaphthylene	9.74	152	1739663	45.44	nq	100
49) Dimethylphthalate	9.60	163	1112726	40.83	nq	100
50) 2,6-Dinitrotoluene	9.66	165	288990	49.09	nq	93
51) Acenaphthene	9.91	154	1010280	44.78	nq	99
52) 3-Nitroaniline	9.82	138	291873	41.79	nq	97
53) 2,4-Dinitrophenol	9.92	184	112986	64.41	nq	95
54) Dibenzofuran	10.08	168	1411690	46.03	nq	99
55) 4-Nitrophenol	9.98	139	281555	53.44	nq	# 81
56) 2,4-Dinitrotoluene	10.06	165	388815	49.62	nq	95
57) Fluorene	10.42	166	1071253	43.06	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	243943	47.76	nq	99
59) Diethylphthalate	10.30	149	1144102	44.10	nq	99
60) 4-Chlorophenyl-phenylether	10.41	204	427947	40.83	nq	98
61) 4-Nitroaniline	10.44	138	312800	48.13	nq	98
62) Azobenzene	10.57	77	1179673	45.01	nq	99
64) 4,6-Dinitro-2-methylphenol	10.46	198	160106	51.22	nq	98
65) n-Nitrosodiphenylamine	10.53	169	954276	39.53	nq	98
66) 4-Bromophenyl-phenylether	10.90	248	298875	44.21	nq	94
67) Hexachlorobenzene	10.97	284	303468	42.95	nq	99
68) Atrazine	11.06	200	329695	47.43	nq	99
69) Pentachlorophenol	11.16	266	184097	45.48	nq	99
70) Phenanthrene	11.37	178	1412525	34.94	nq	100
71) Anthracene	11.43	178	1628118	41.16	nq	100
72) Carbazole	11.58	167	1537150	37.12	nq	99
73) Di-n-butylphthalate	11.92	149	1762394	41.63	nq	100
74) Fluoranthene	12.56	202	1672485	42.69	nq	96
76) Benzidine	12.68	184	890153	44.94	nq	99
77) Pyrene	12.79	202	1679677	38.96	nq	99
79) Butylbenzylphthalate	13.41	149	688655	37.60	nq	# 76
80) Benzo(a)anthracene	13.97	228	1266861	38.94	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	480882	42.13	nq	# 97
82) Chrysene	14.00	228	1110397	35.31	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	920455	45.71	nq	# 97
84) Di-n-octyl phthalate	14.59	149	1702870	45.87	nq	100
85) Indeno(1,2,3-cd)pyrene	16.75	276	1022146	38.38	nq	99
87) Benzo(b)fluoranthene	14.99	252	1114019	36.71	nq	98
88) Benzo(k)fluoranthene	15.02	252	1165403m	43.45	nq	
89) Benzo(a)pyrene	15.33	252	1043181	38.89	nq	99
90) Dibenzo(a,h)anthracene	16.77	278	884099	38.96	nq	98
91) Benzo(g,h,i)perylene	17.16	276	872946	37.83	nq	98

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

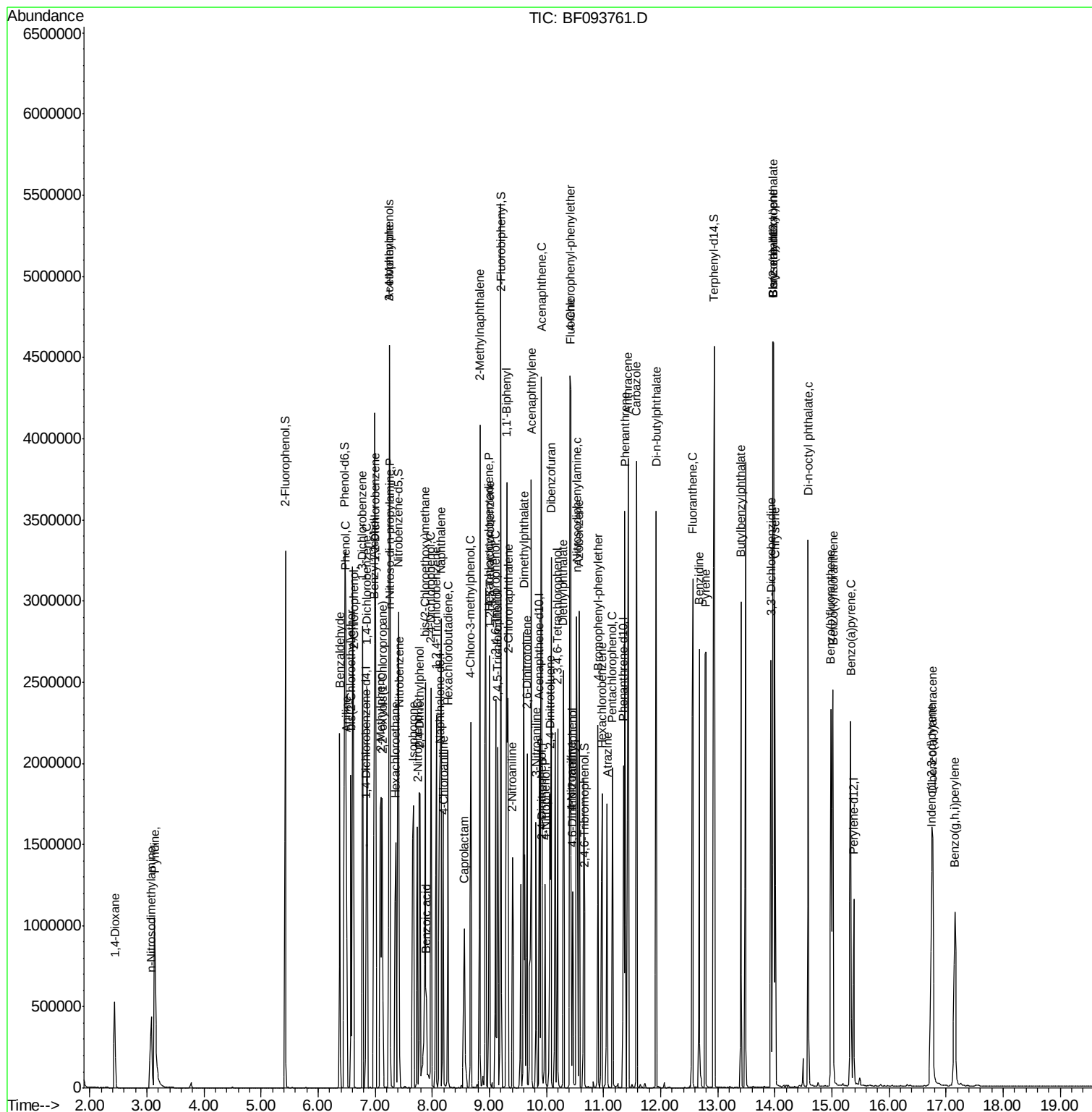
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
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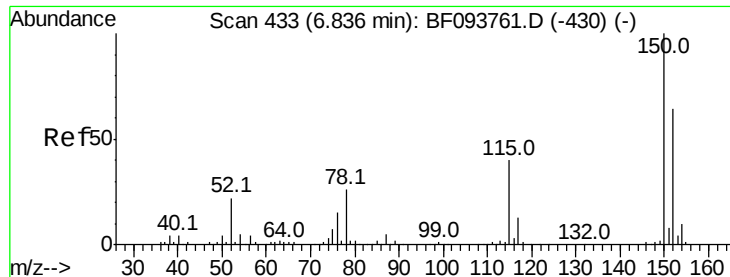
Instrument :
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#1

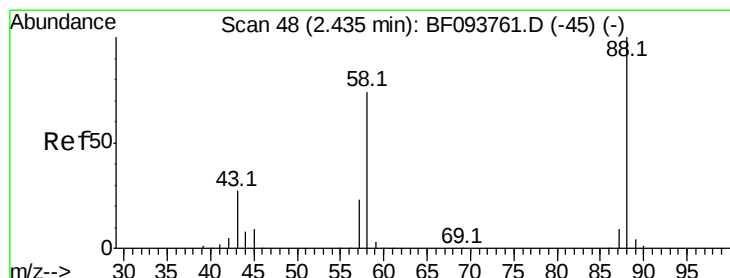
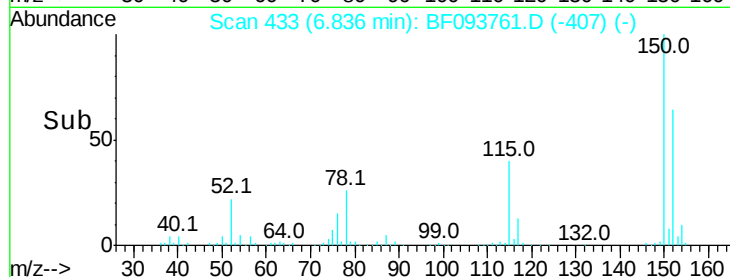
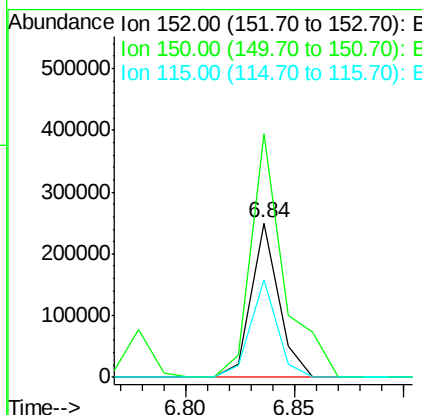
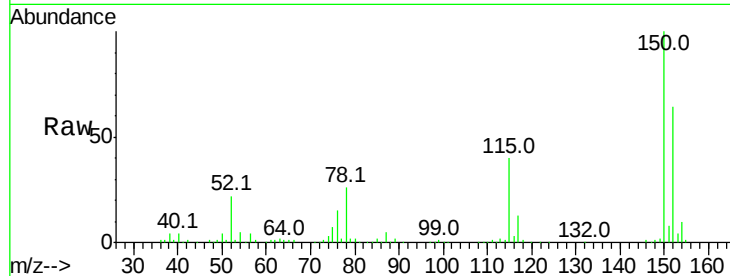
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.2	189.2
115	63.6	52.2	78.2

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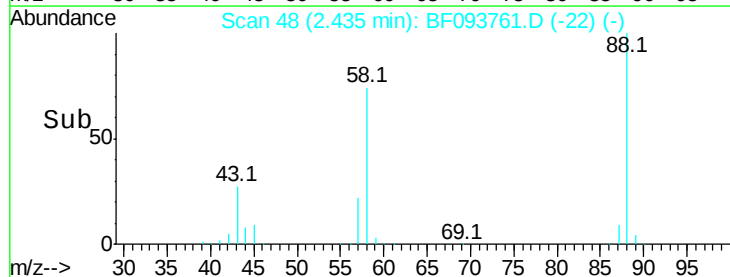
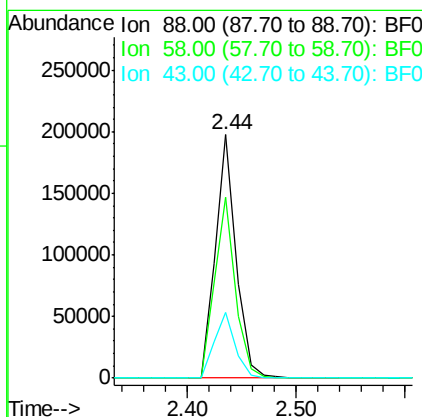
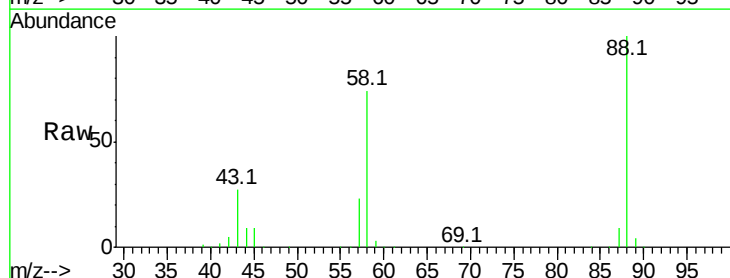
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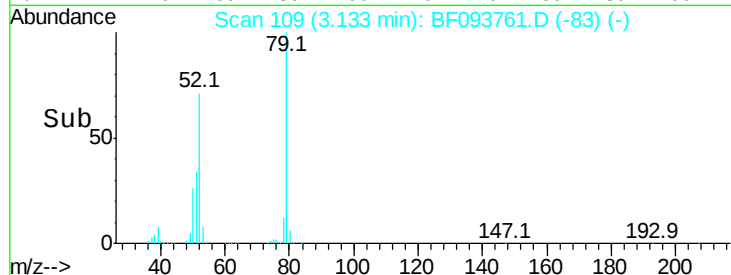
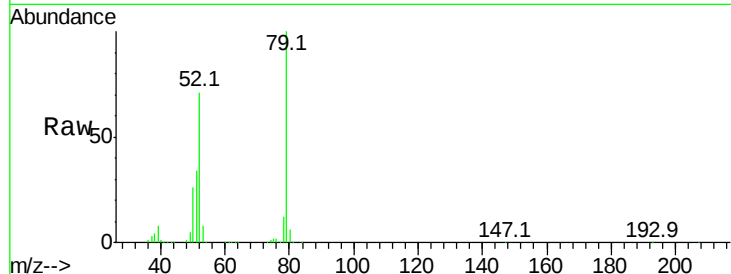
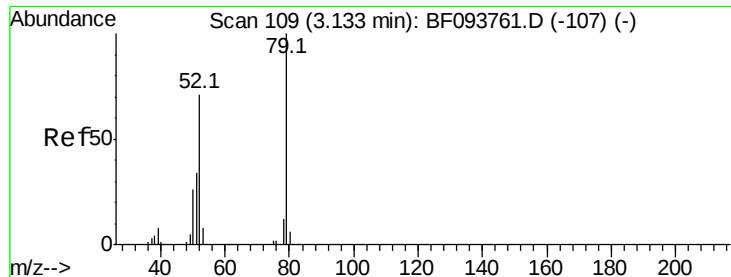


#2

1,4-Dioxane
Concen: 38.39 ng
RT: 2.44 min Scan# 48
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.5	61.4	92.0
43	27.3	23.4	35.0





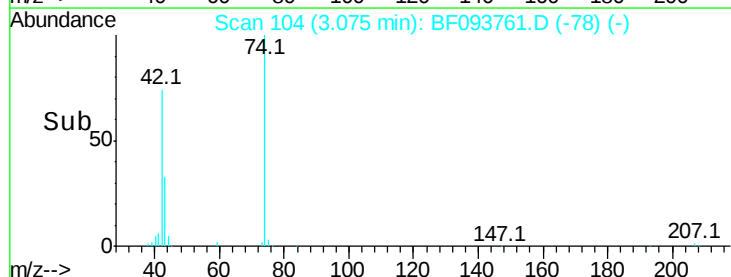
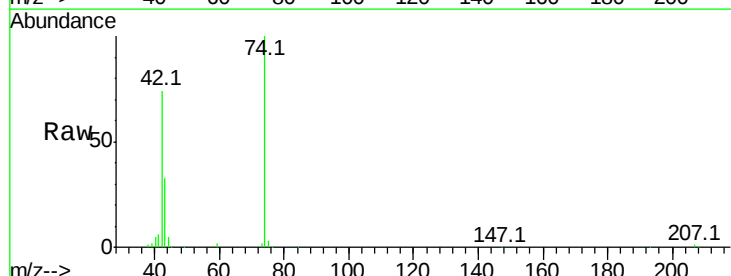
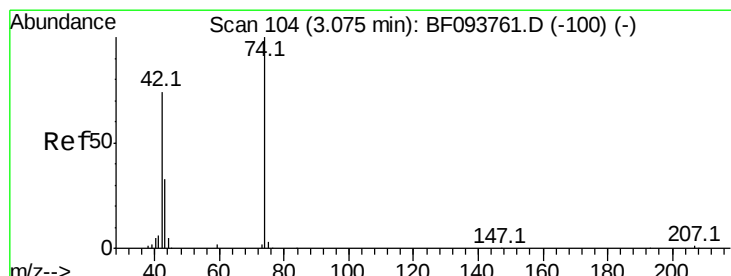
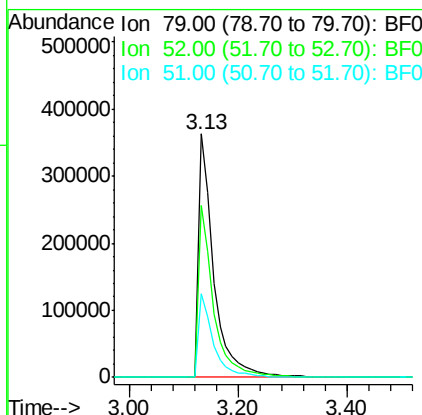
#3
 Pvridine
 Concen: 37.45 ng
 RT: 3.13 min Scan# 109
 Delta R.T. 0.00 min
 Lab File: BF093761.D
 Acq: 20 Mar 2017 12:44

Tot Ion	Ratio	Resp	Lower	Upper
79	100	699599		
52	70.7		54.8	82.2
51	34.3		27.0	40.4

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

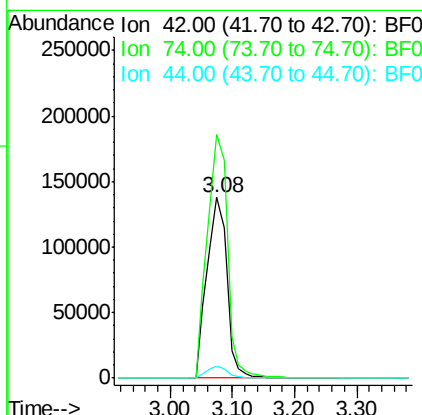
Manual Integrations
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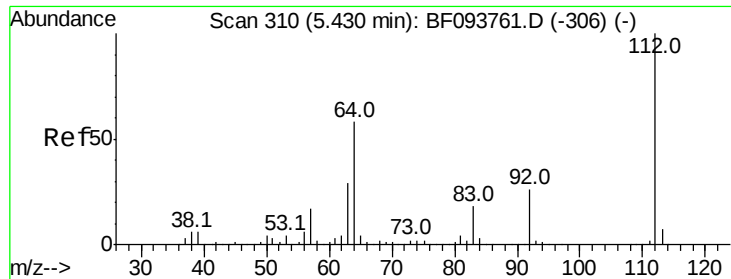
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#4
 n-Nitrosodimethylamine
 Concen: 37.57 ng
 RT: 3.08 min Scan# 104
 Delta R.T. 0.00 min
 Lab File: BF093761.D
 Acq: 20 Mar 2017 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	307182		
74	134.9		103.9	155.9
44	6.8		5.7	8.5





#5

2-Fluorophenol

Concen: 75.90 ng

RT: 5.43 min Scan# 310

Delta R.T. 0.00 min

Lab File: BF093761.D

Acq: 20 Mar 2017 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 112 Resp: 1004011

Ion Ratio Lower Upper

112 100

64 57.6 46.0 69.0

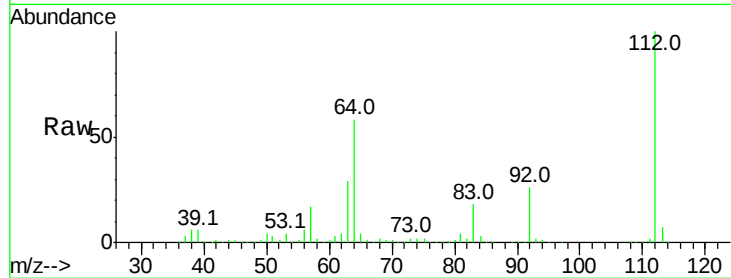
63 29.1 23.4 35.0

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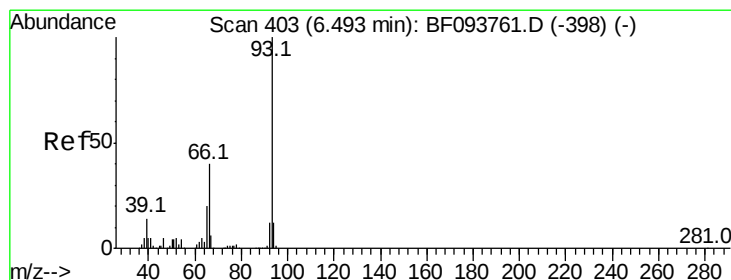
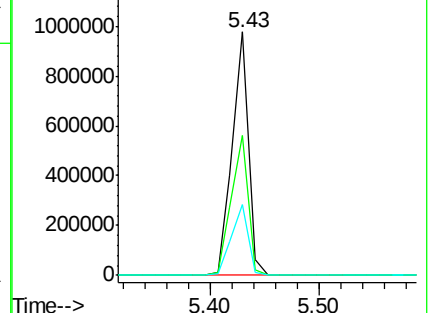
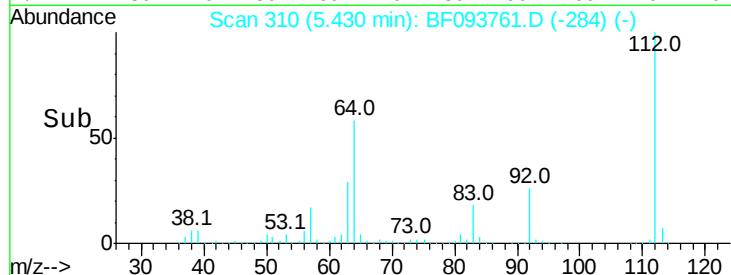
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.88 ng

RT: 6.49 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF093761.D

Acq: 20 Mar 2017 12:44

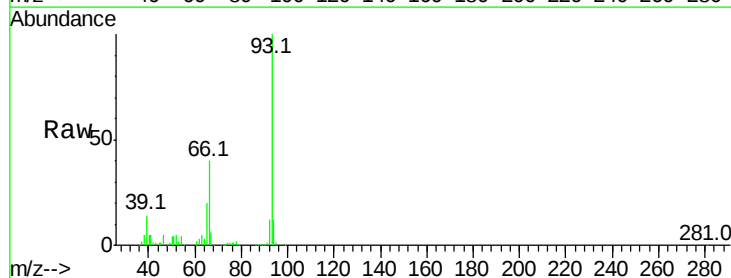
Tgt Ion: 93 Resp: 887905

Ion Ratio Lower Upper

93 100

66 40.2 32.9 49.3

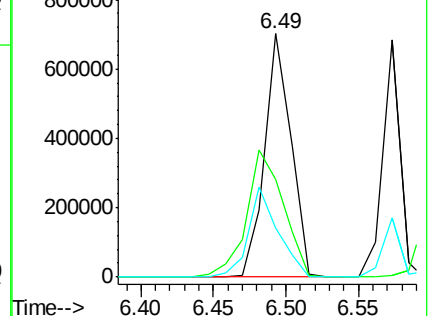
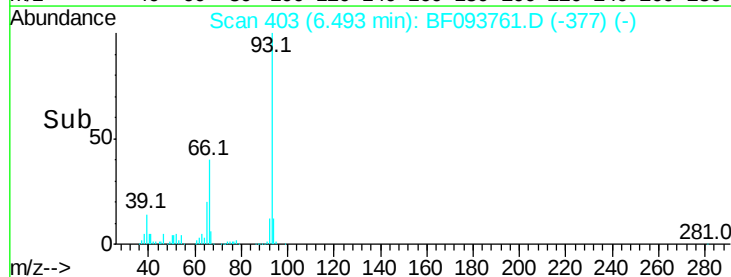
65 20.1 16.0 24.0

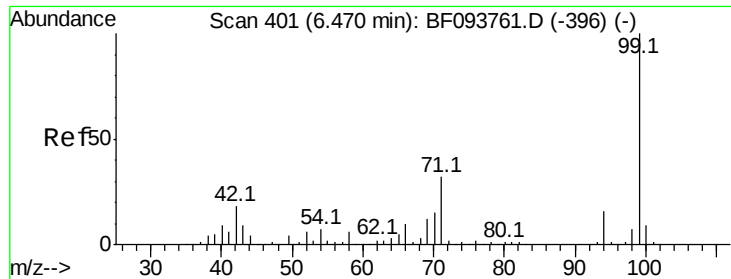


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.91 ng

RT: 6.47 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF093761.D

Acq: 20 Mar 2017 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 99 Resp: 1260954

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

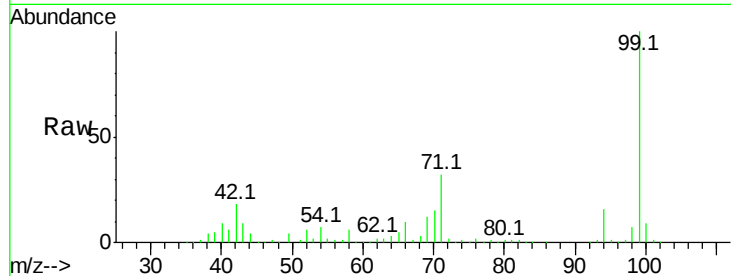
71 32.3 24.5 36.7

Manual Integrations

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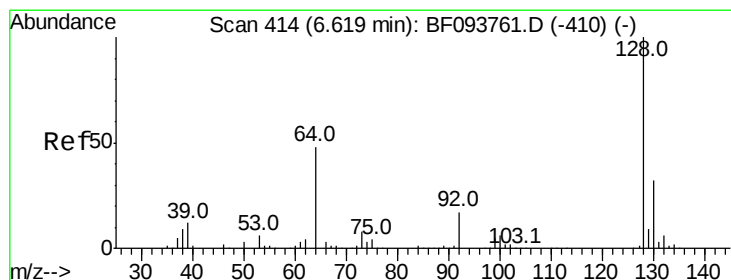
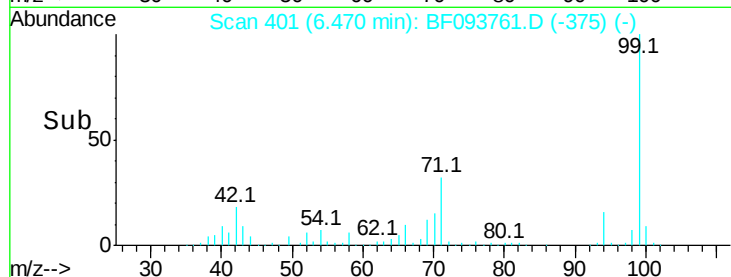
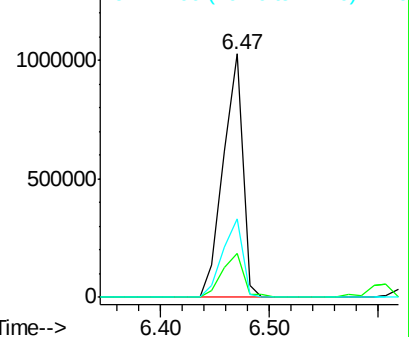
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.98 ng

RT: 6.62 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF093761.D

Acq: 20 Mar 2017 12:44

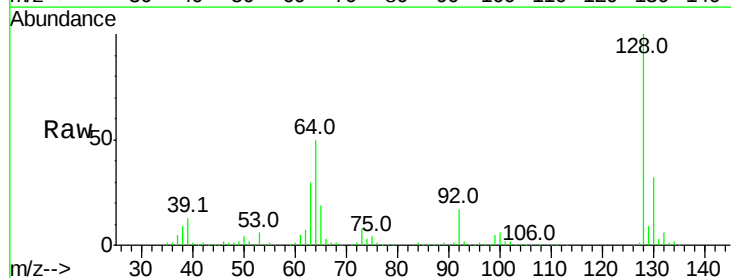
Tgt Ion:128 Resp: 558571

Ion Ratio Lower Upper

128 100

130 32.1 12.9 52.9

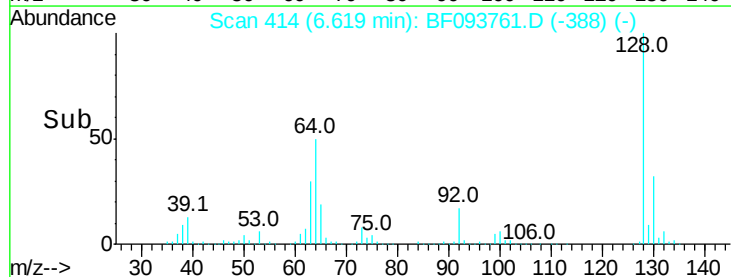
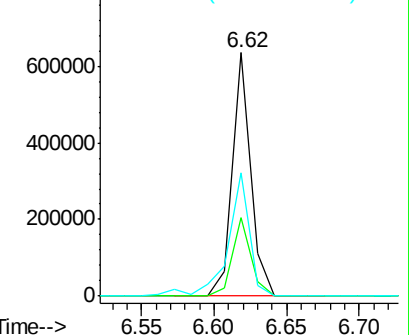
64 50.4 28.4 68.4

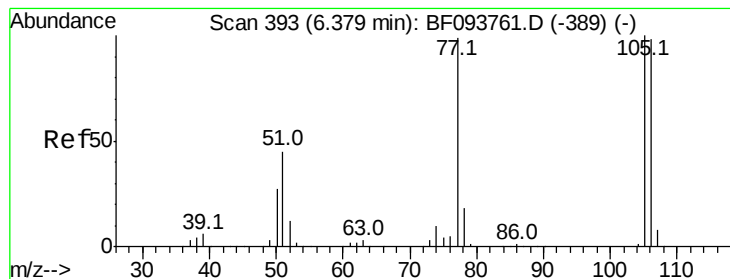


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 48.35 ng

RT: 6.38 min Scan# 393

Delta R.T. 0.00 min

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Acq: 20 Mar 2017 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 77 Resp: 458992

Ion Ratio Lower Upper

77 100

105 101.3 83.8 123.8

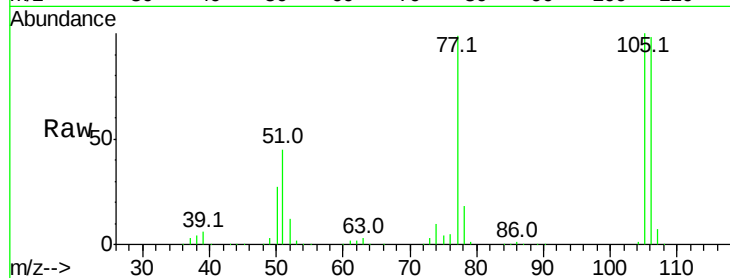
106 99.2 79.1 119.1

Manual Integrations

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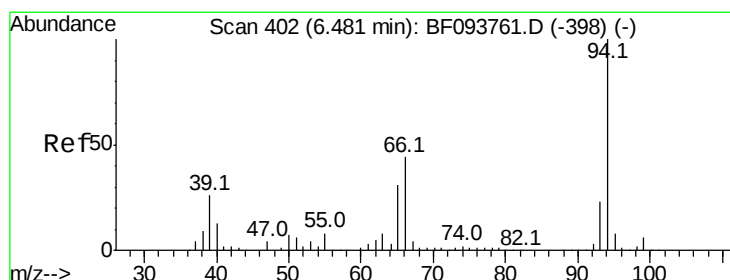
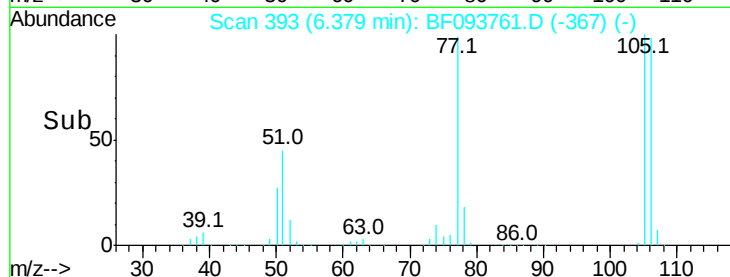
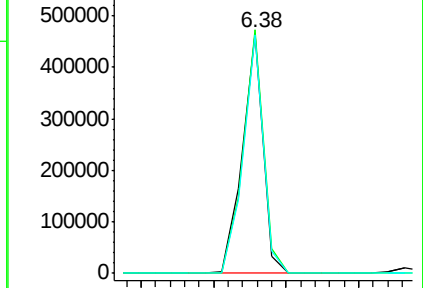
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.84 ng

RT: 6.48 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF093761.D

Acq: 20 Mar 2017 12:44

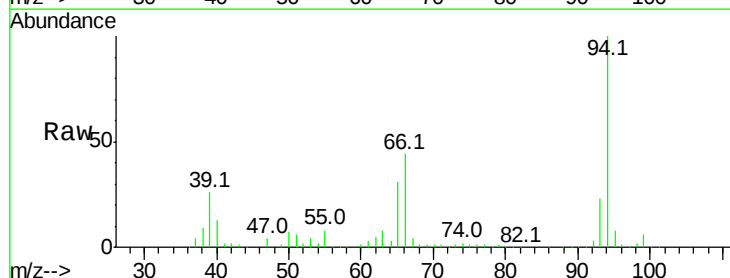
Tgt Ion: 94 Resp: 782926

Ion Ratio Lower Upper

94 100

65 30.7 9.9 49.9

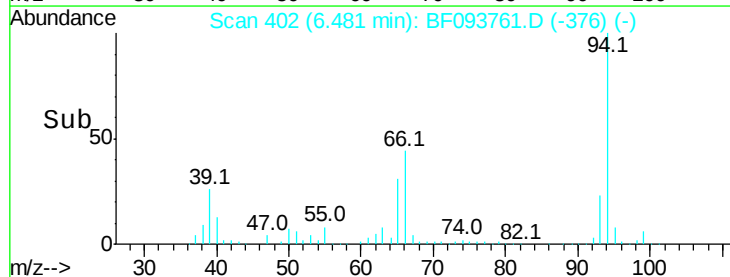
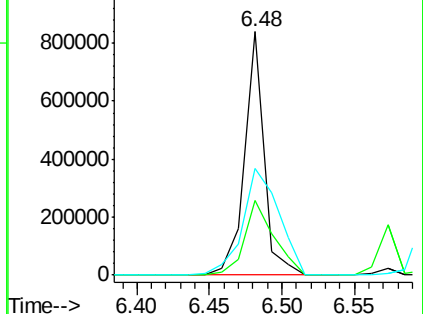
66 43.9 23.1 63.1

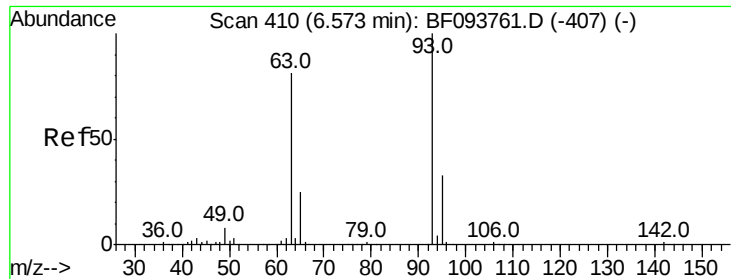


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





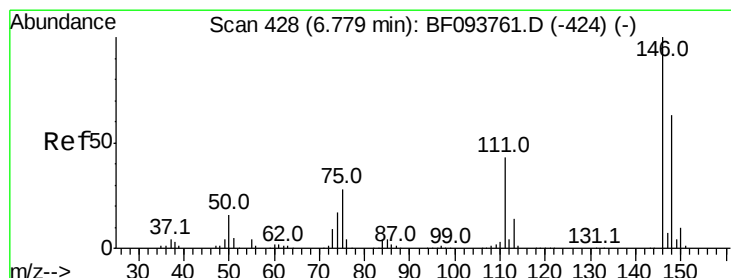
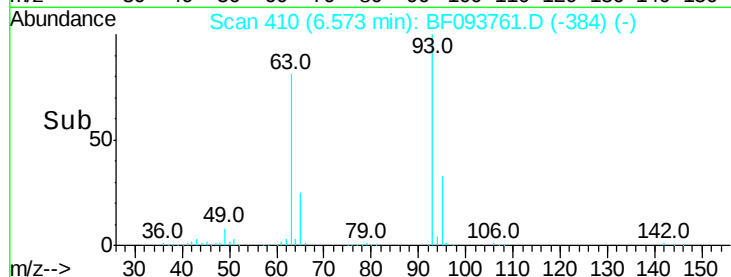
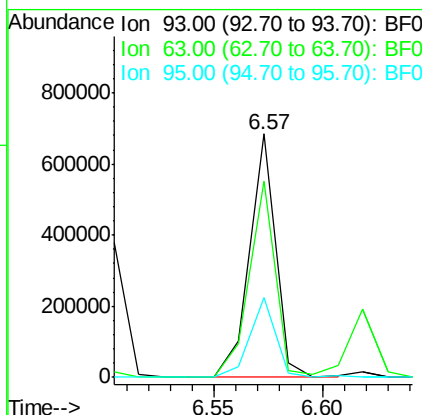
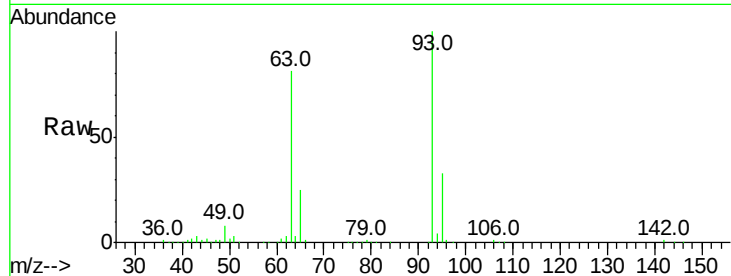
#11
bis(2-Chloroethyl)ether
Concen: 37.37 ng
RT: 6.57 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.6	59.2	99.2
95	32.5	12.8	52.8

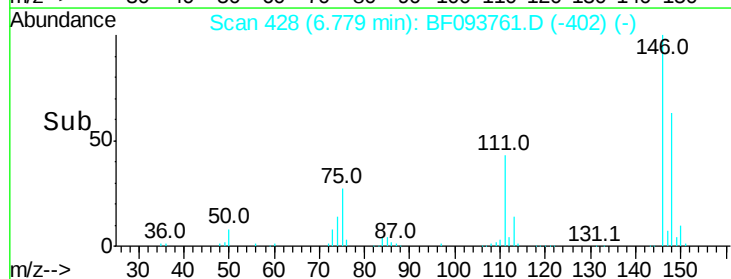
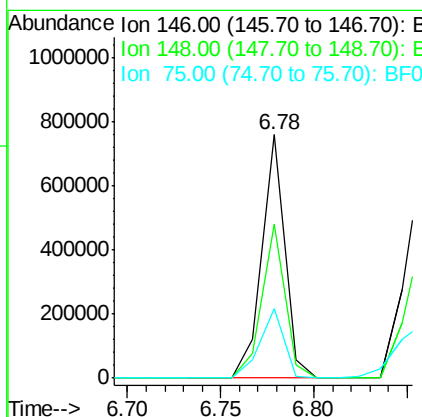
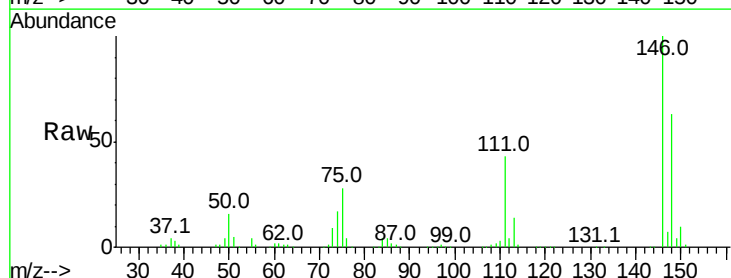
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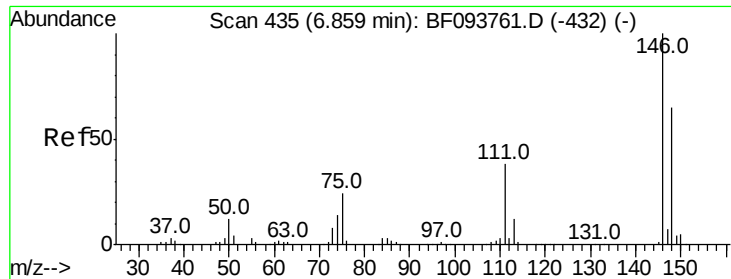
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.62 ng
RT: 6.78 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.6
75	28.4	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 40.62 ng

RT: 6.86 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF093761.D

Acq: 20 Mar 2017 12:44

Instrument :

BNA_F

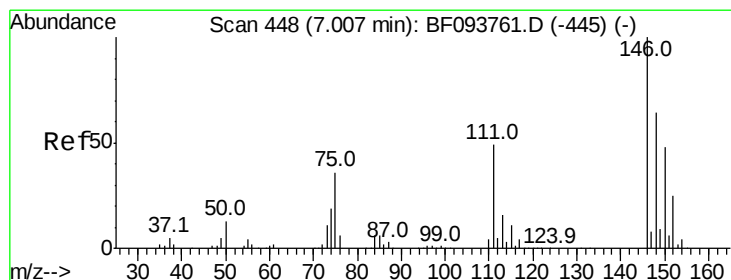
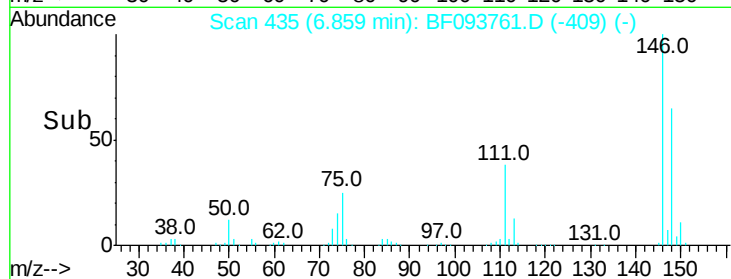
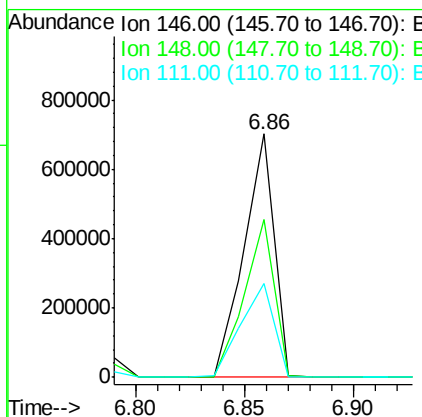
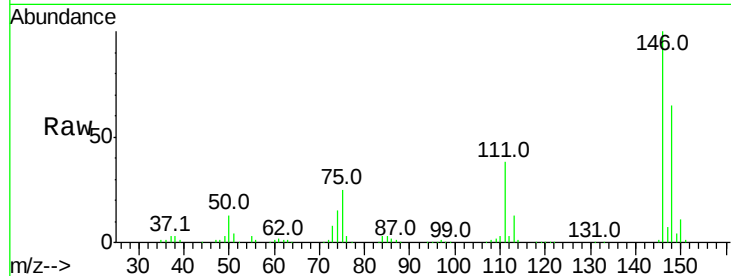
ClientSampleId :

SSTDICCC040

Tot Ion:	146	Resp:	677758
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.2	78.2
111	38.5	30.3	45.5

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 35.54 ng

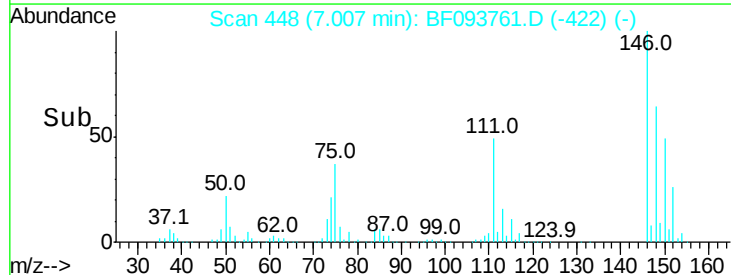
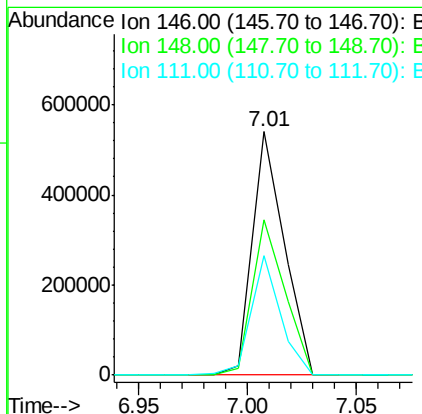
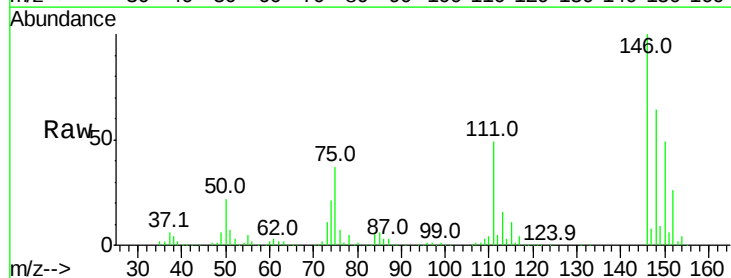
RT: 7.01 min Scan# 448

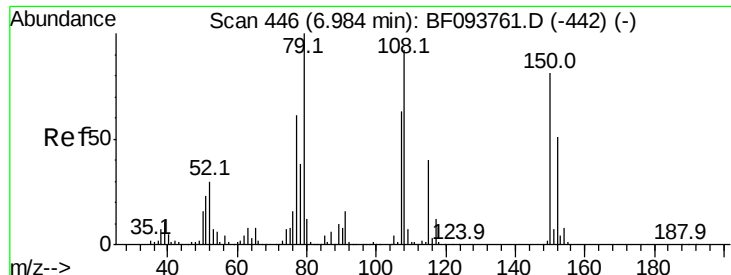
Delta R.T. 0.00 min

Lab File: BF093761.D

Acq: 20 Mar 2017 12:44

Tgt Ion:	146	Resp:	554584
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.4	75.6
111	49.2	38.2	57.4





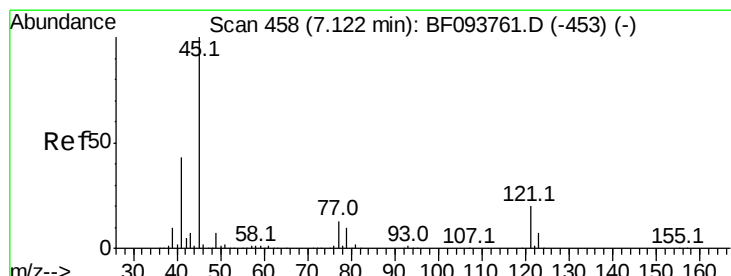
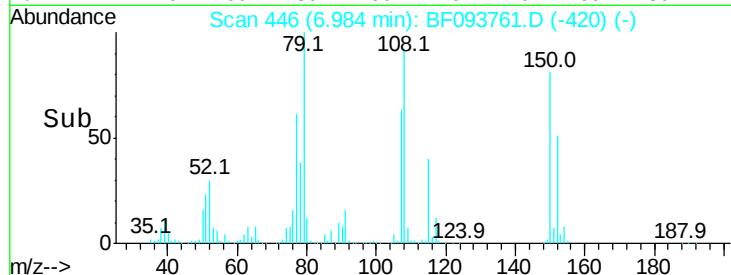
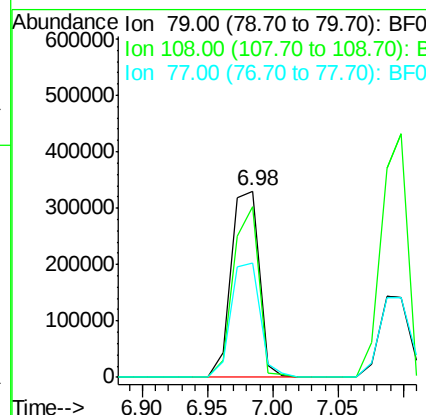
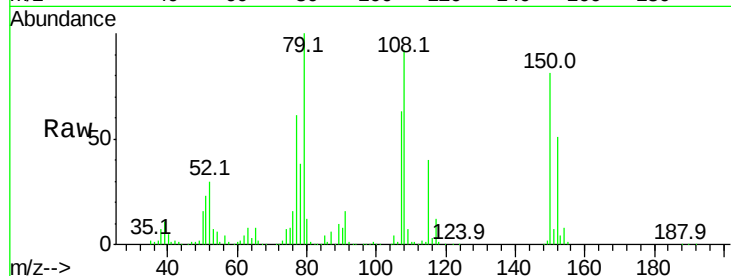
#15
Benzyl Alcohol
Concen: 40.07 ng
RT: 6.98 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	91.6	63.4	95.0
77	61.4	49.2	73.8

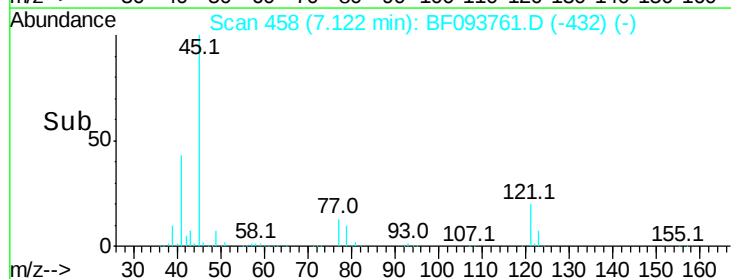
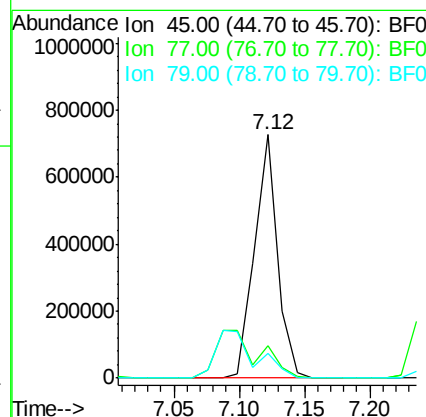
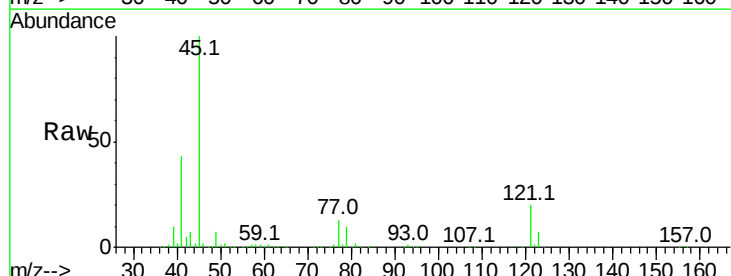
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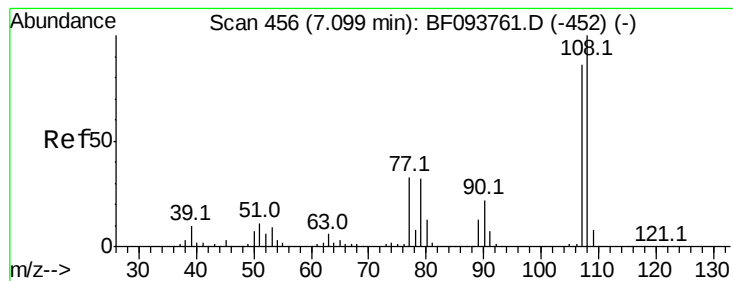
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.39 ng
RT: 7.12 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.1	0.0	33.2
79	10.2	0.0	30.0





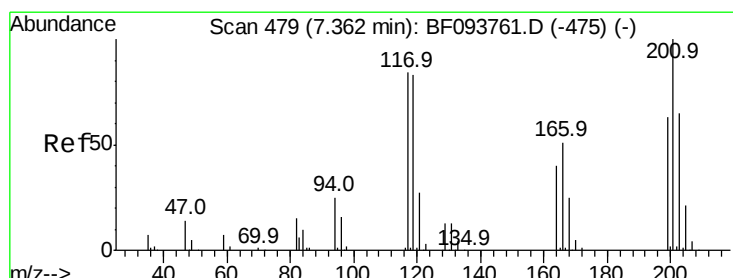
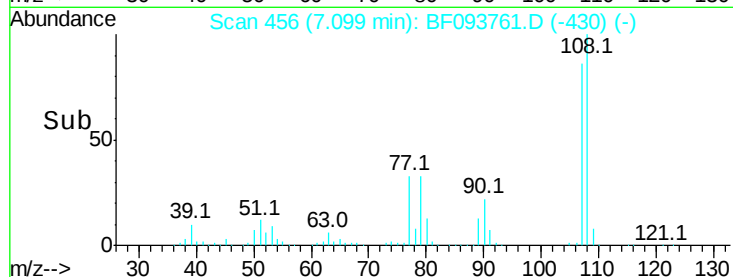
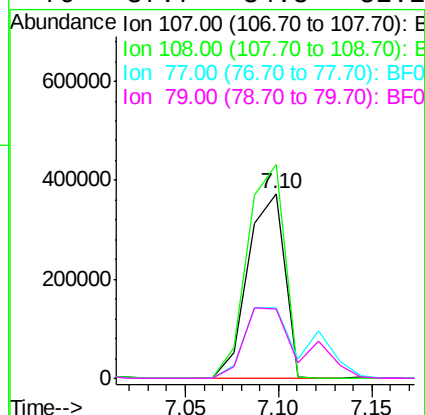
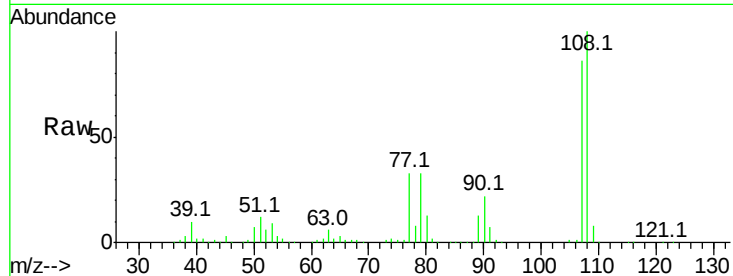
#17
2-Methylphenol
Concen: 40.06 ng
RT: 7.10 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.7	93.4	140.0
77	38.1	35.8	53.6
79	37.7	34.8	52.2

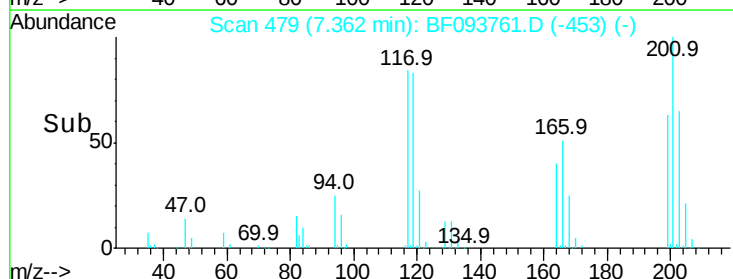
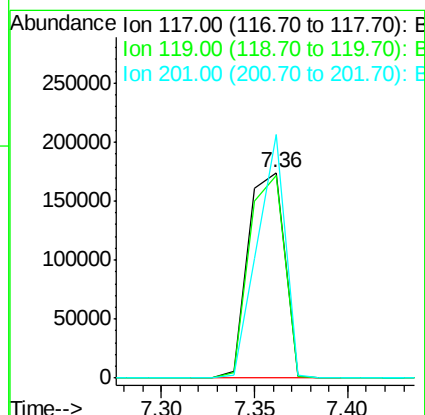
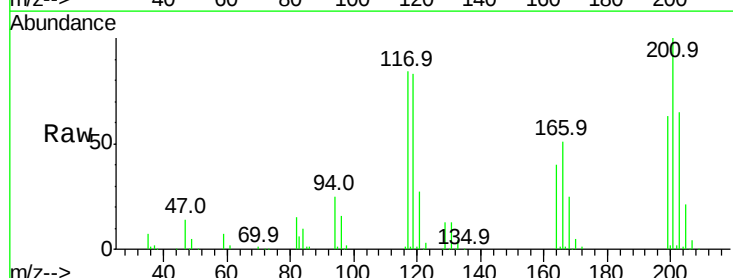
Manual Integrations
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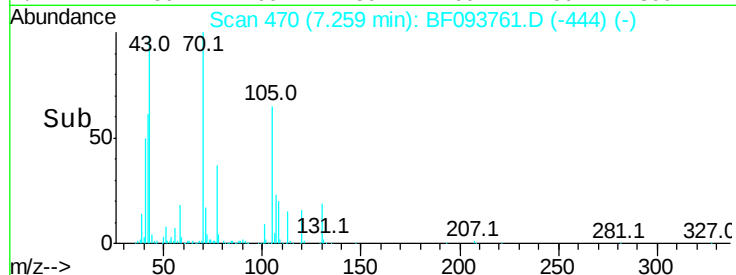
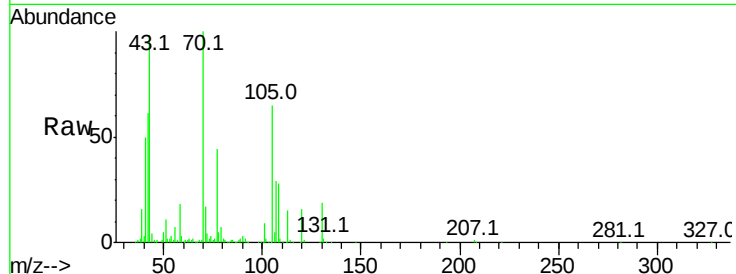
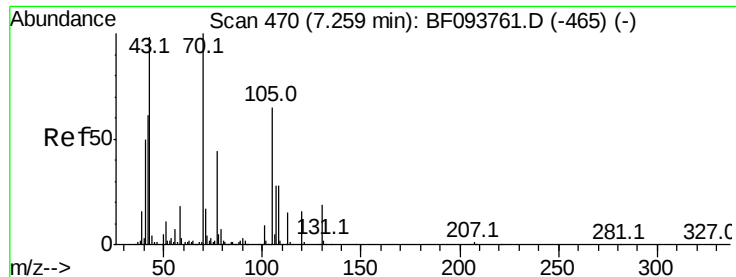
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#18
Hexachloroethane
Concen: 39.44 ng
RT: 7.36 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	77.4	116.0
201	118.5	94.6	141.8





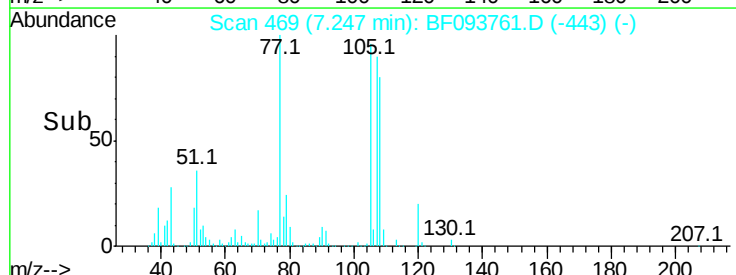
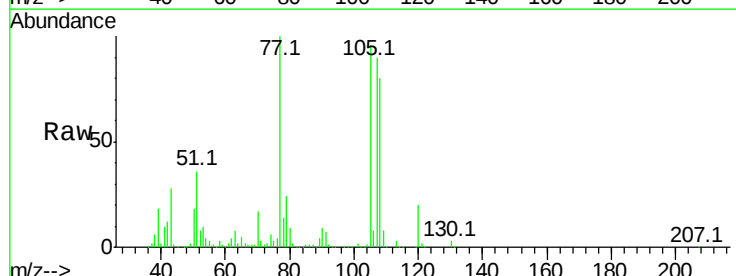
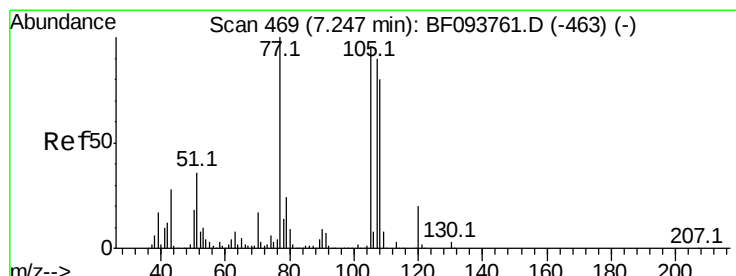
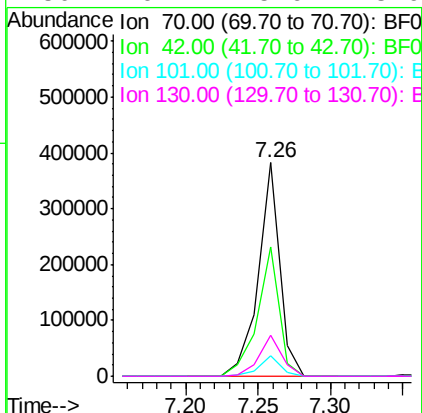
#19
n-Nitroso-di-n-propylamine
Concen: 36.13 ng
RT: 7.26 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.6	47.2	70.8
101	9.4	7.2	10.8
130	19.2	15.9	23.9

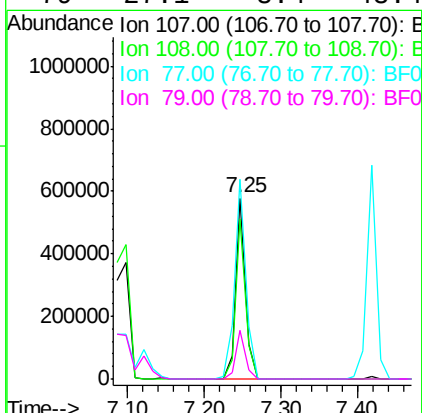
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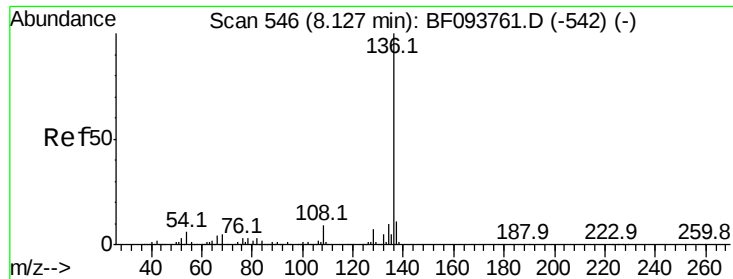
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#20
3+4-Methylphenols
Concen: 34.89 ng
RT: 7.25 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	71.0	111.0
77	110.8	90.5	130.5
79	27.1	8.4	48.4





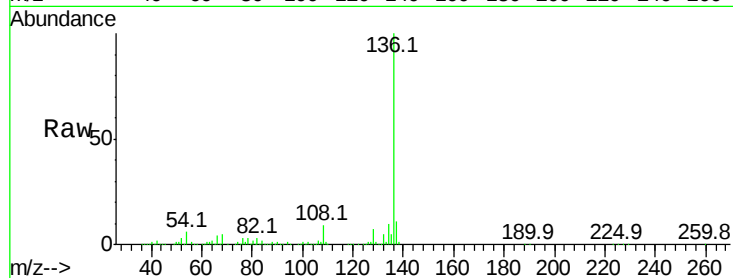
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

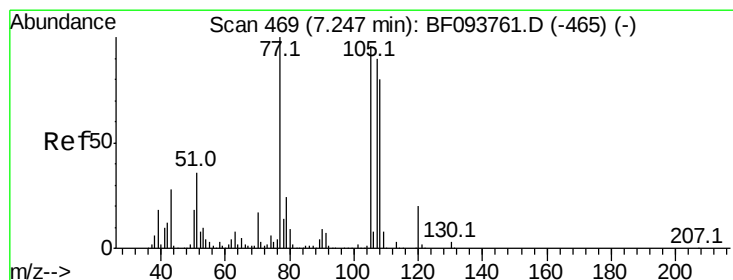
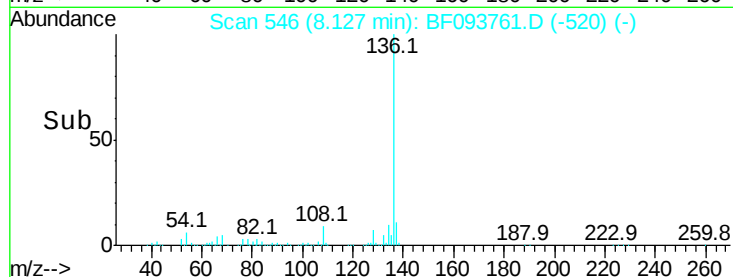
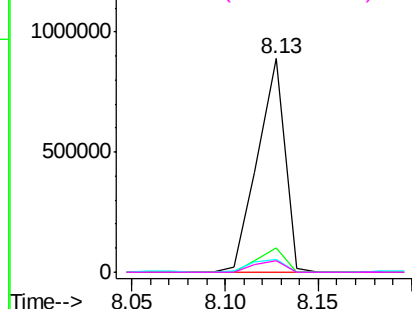
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.5	12.7	
54	6.2	4.9	7.3	
68	5.2	4.1	6.1	

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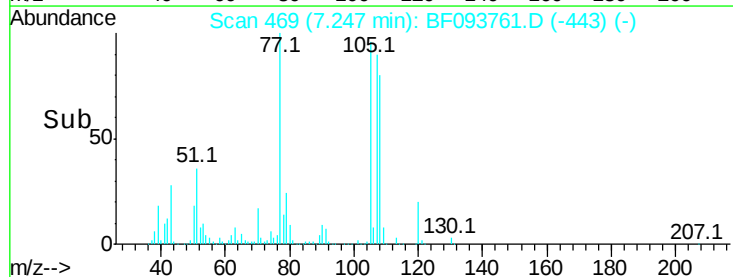
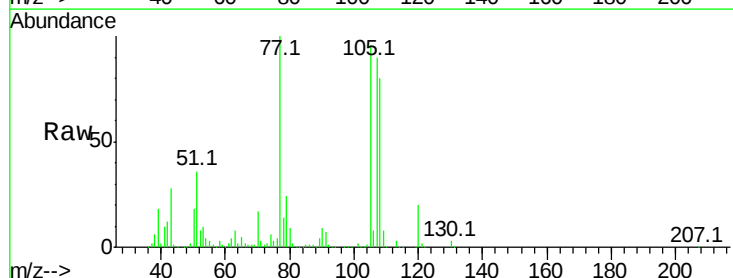
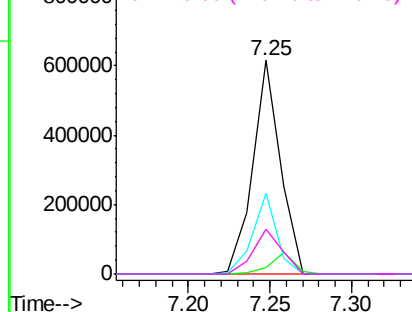
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

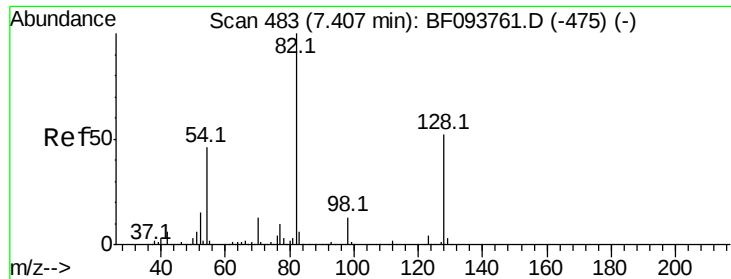


#22
Acetophenone
Concen: 35.17 ng
RT: 7.25 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.0	2.8	4.2	
51	37.7	30.7	46.1	
120	20.9	17.4	26.0	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





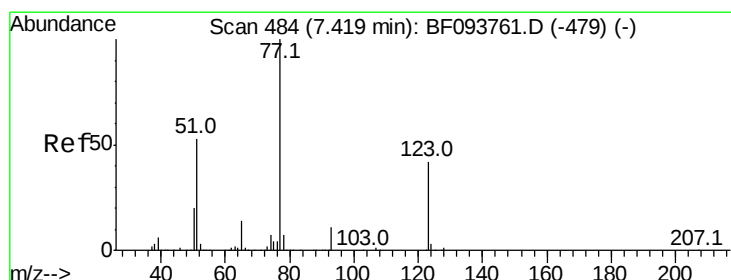
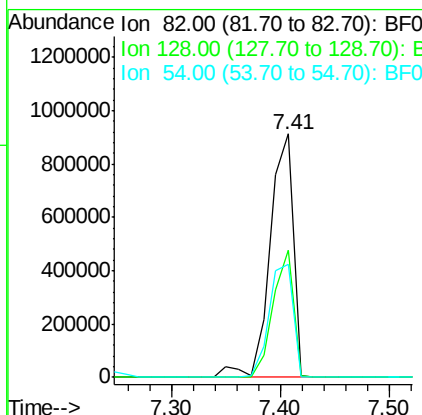
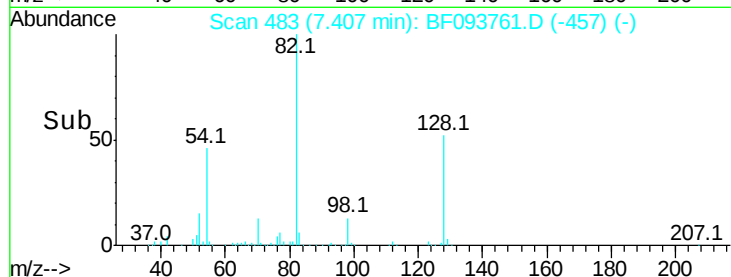
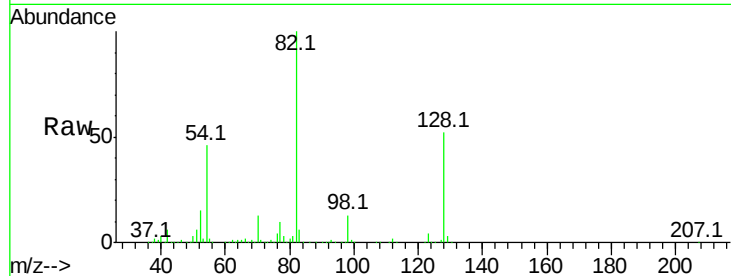
#23
 Nitrobenzene-d5
 Concen: 88.35 ng
 RT: 7.41 min Scan# 483
 Delta R.T. 0.00 min
 Lab File: BF093761.D
 Acq: 20 Mar 2017 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion: 82 Resp: 1353376
 Ion Ratio Lower Upper
 82 100
 128 52.1 34.0 51.0#
 54 46.3 42.2 63.2

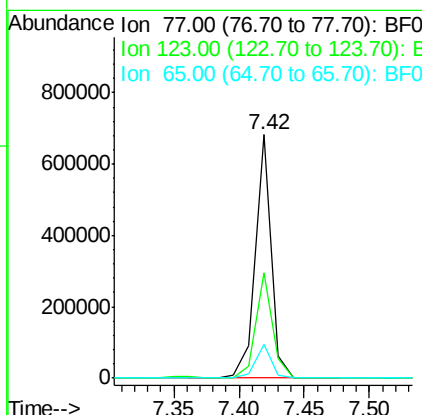
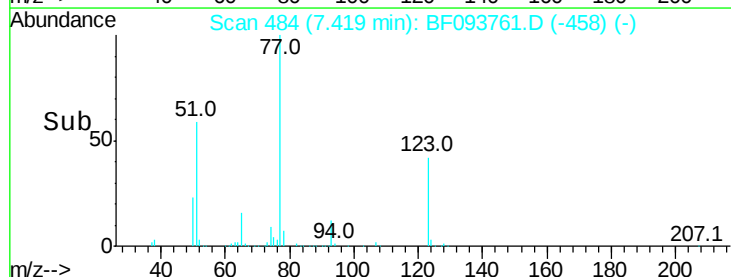
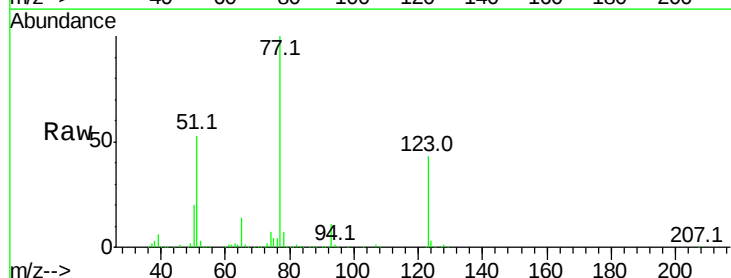
Manual Integrations
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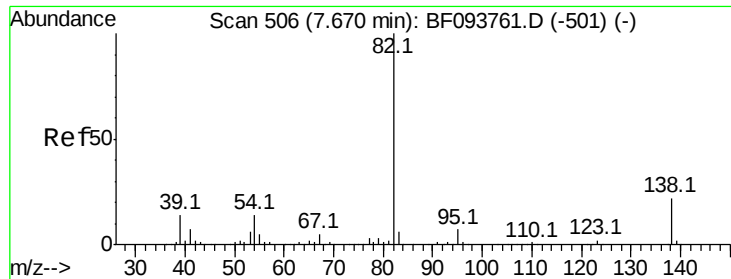
mohammad
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#24
 Nitrobenzene
 Concen: 35.02 ng
 RT: 7.42 min Scan# 484
 Delta R.T. 0.00 min
 Lab File: BF093761.D
 Acq: 20 Mar 2017 12:44

Tgt Ion: 77 Resp: 579821
 Ion Ratio Lower Upper
 77 100
 123 43.3 35.8 53.8
 65 13.6 10.6 15.8





#25

Isophorone

Concen: 38.51 ng

RT: 7.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF093761.D

Acq: 20 Mar 2017 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 82 Resp: 1135592

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

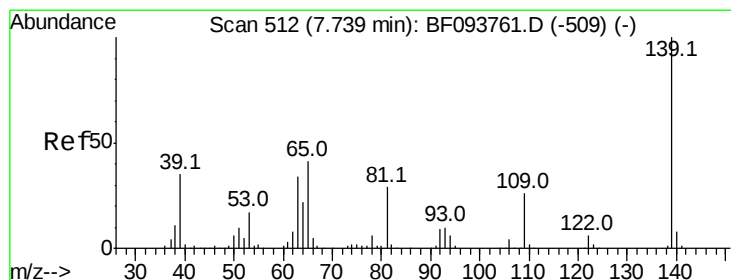
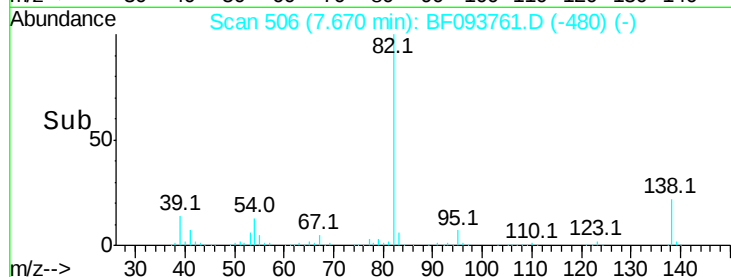
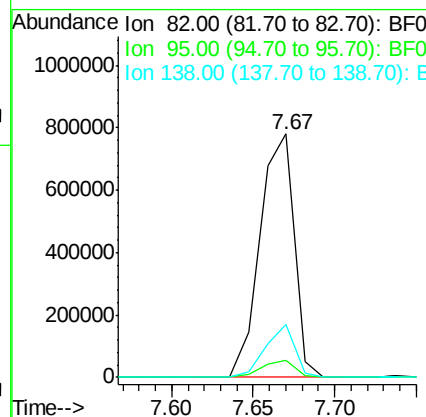
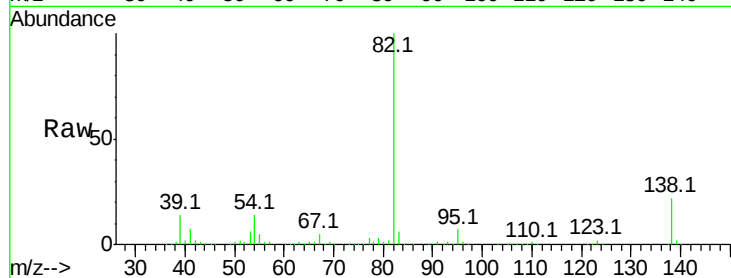
138 21.7 13.1 19.7#

Manual Integrations

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#26

2-Nitrophenol

Concen: 51.79 ng

RT: 7.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF093761.D

Acq: 20 Mar 2017 12:44

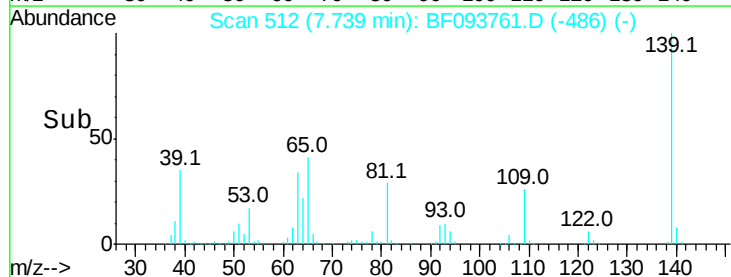
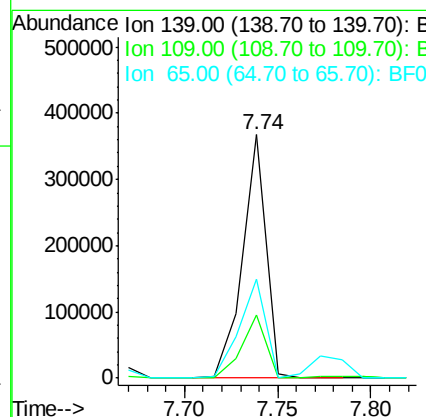
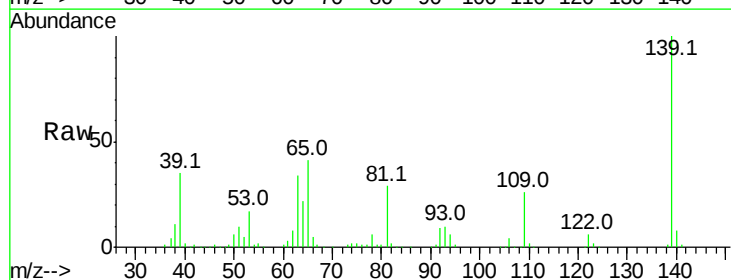
Tgt Ion: 139 Resp: 324701

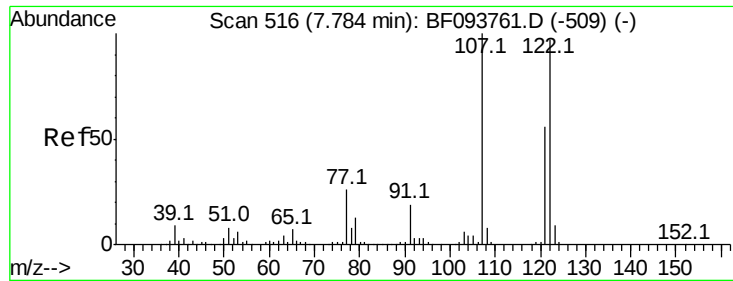
Ion Ratio Lower Upper

139 100

109 25.8 21.0 31.6

65 40.9 33.0 49.6





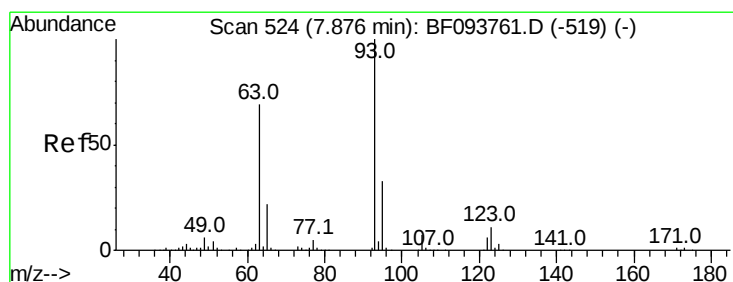
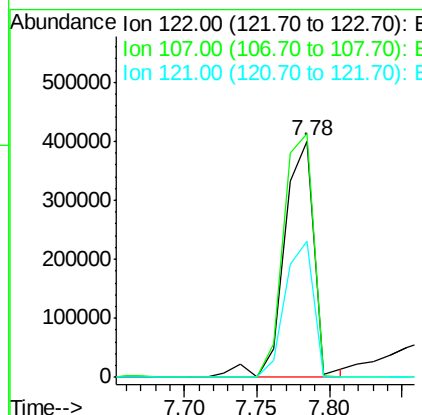
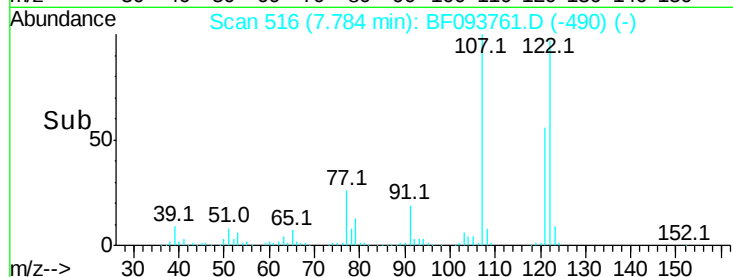
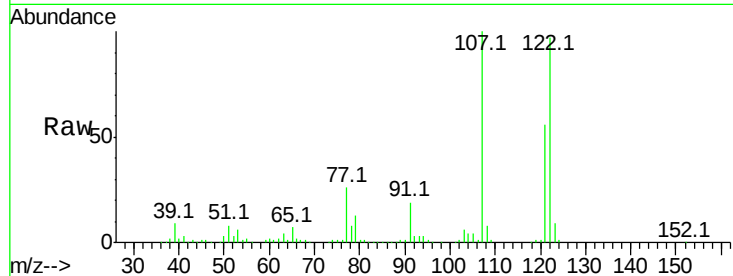
#27
2,4-Dimethylphenol
Concen: 39.54 ng
RT: 7.78 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	103.2	89.2	133.8
121	57.6	45.2	67.8

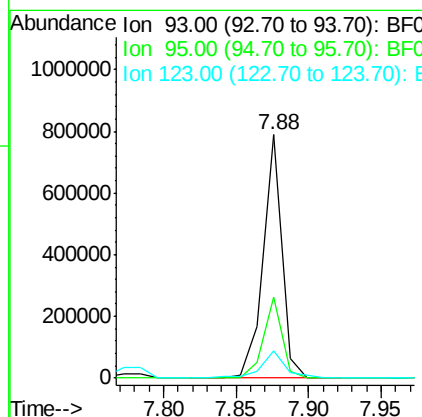
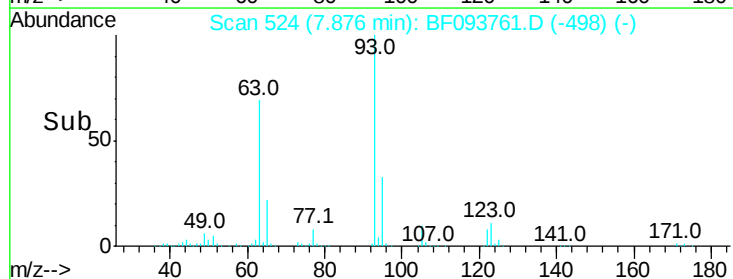
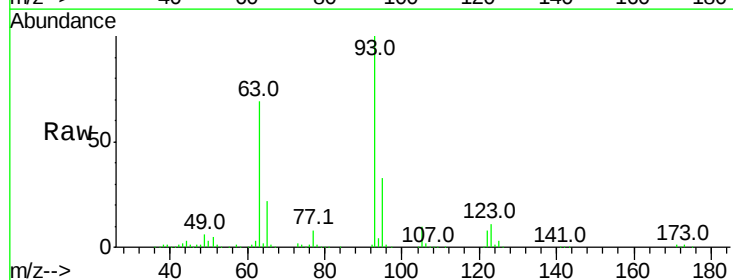
Manual Integrations
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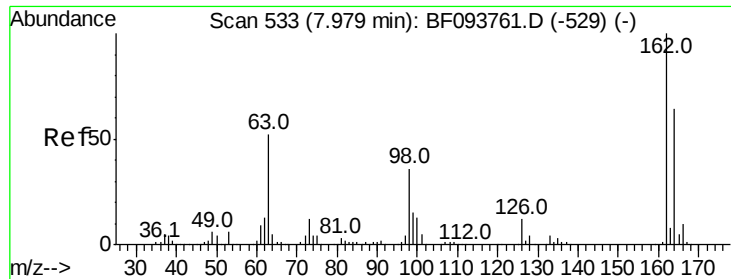
mohammad
3/21/2017 2:44:55 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.97 ng
RT: 7.88 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.5	39.7
123	11.4	9.0	13.4





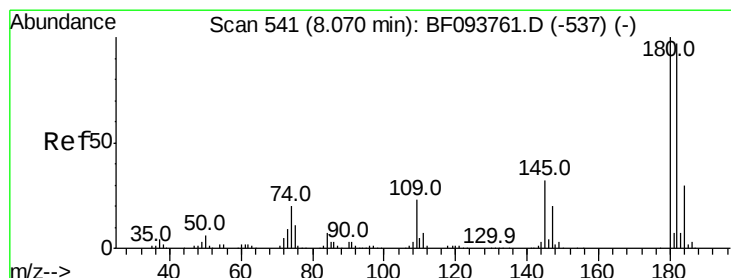
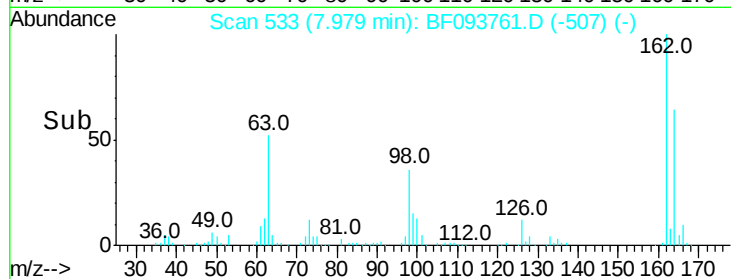
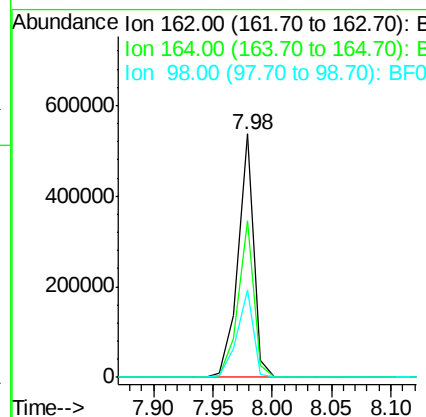
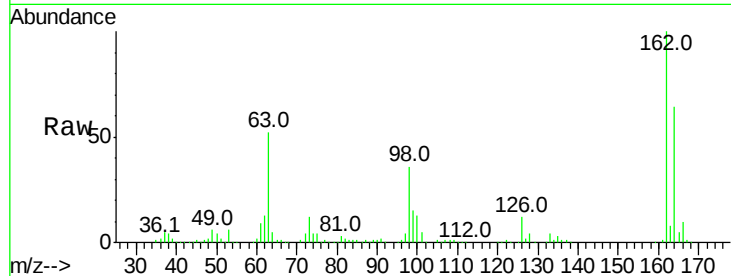
#29
 2,4-Dichlorophenol
 Concen: 40.22 ng
 RT: 7.98 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: BF093761.D
 Acq: 20 Mar 2017 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.4	44.6	84.6
98	36.1	14.8	54.8

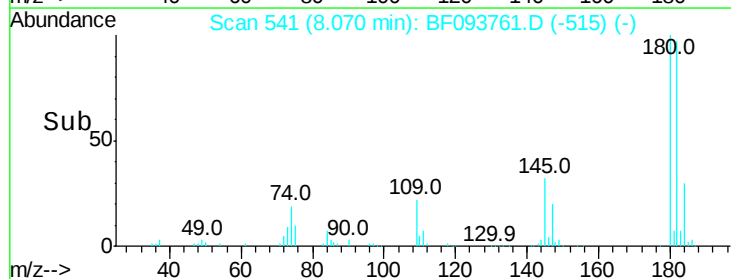
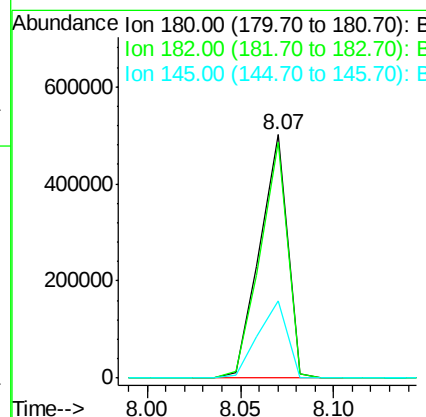
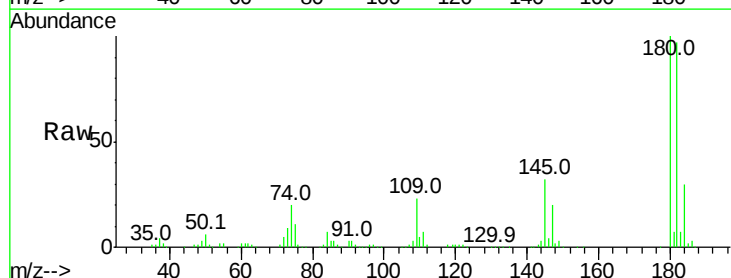
Manual Integrations
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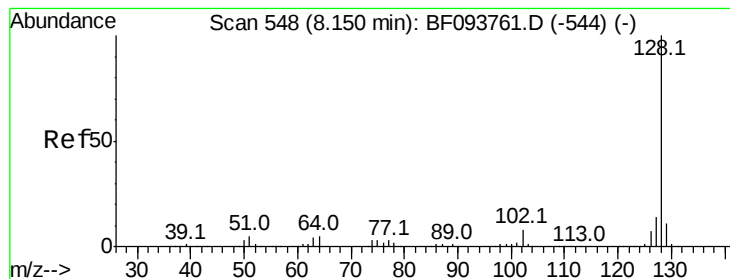
mohammad
 3/21/2017 2:44:55 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.13 ng
 RT: 8.07 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: BF093761.D
 Acq: 20 Mar 2017 12:44

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.0	75.8	113.6
145	31.8	25.3	37.9





#31

Naphthalene

Concen: 39.16 ng

RT: 8.15 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF093761.D

Acq: 20 Mar 2017 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:128 Resp: 1755303

Ion Ratio Lower Upper

128 100

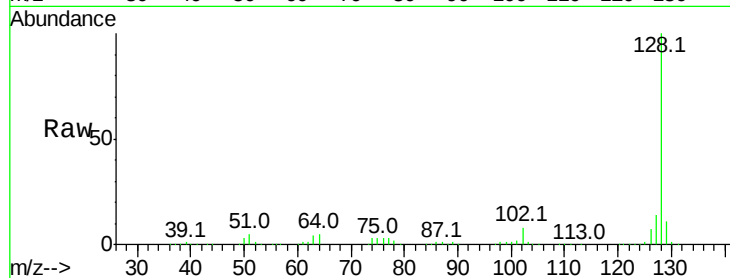
129 10.9 9.0 13.6

127 13.6 10.8 16.2

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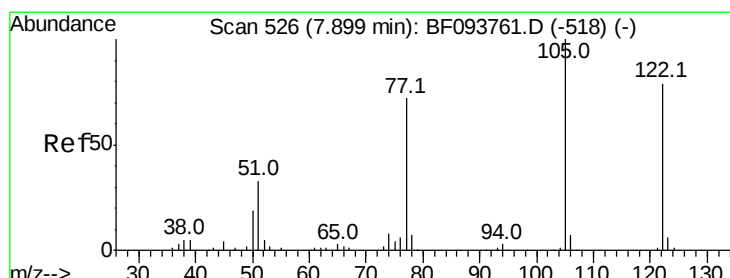
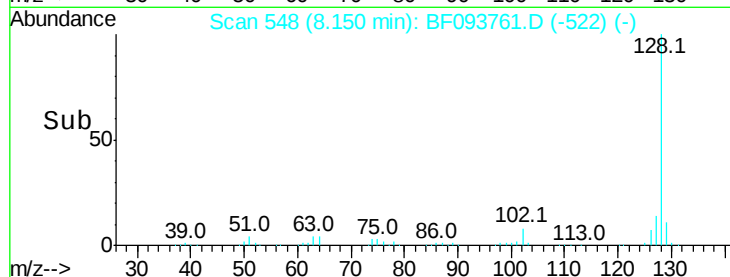
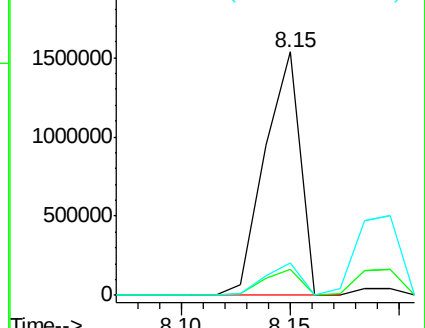
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.87 ng

RT: 7.90 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF093761.D

Acq: 20 Mar 2017 12:44

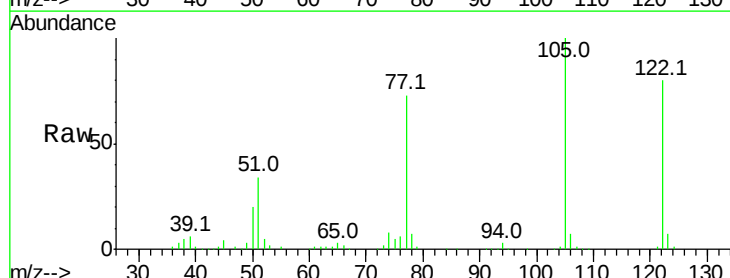
Tgt Ion:122 Resp: 366870

Ion Ratio Lower Upper

122 100

105 125.0 103.3 143.3

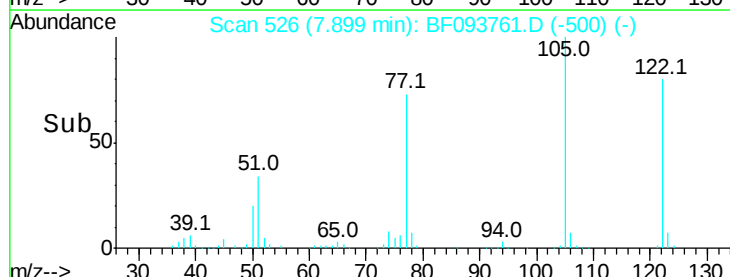
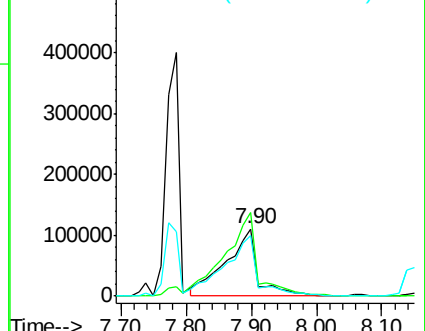
77 90.9 73.7 113.7

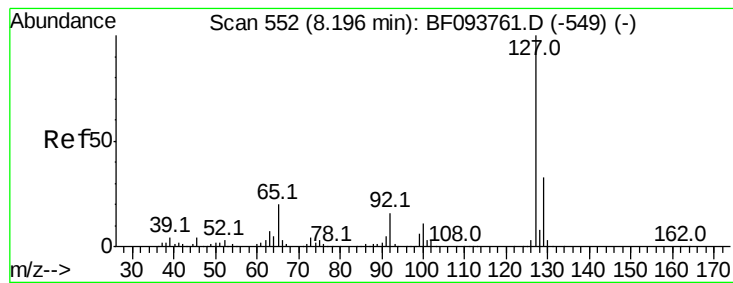


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 37.82 ng

RT: 8.20 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF093761.D

Acq: 20 Mar 2017 12:44

Instrument :

BNA_F

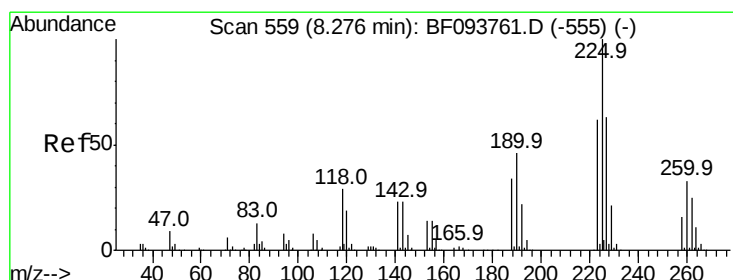
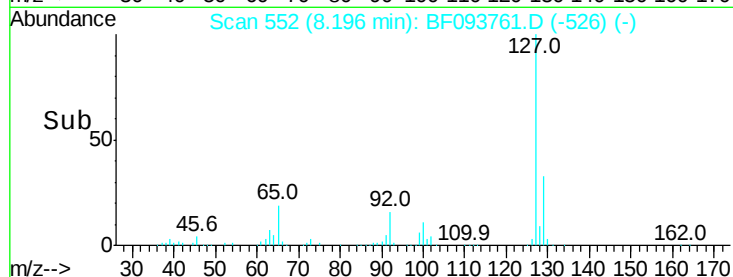
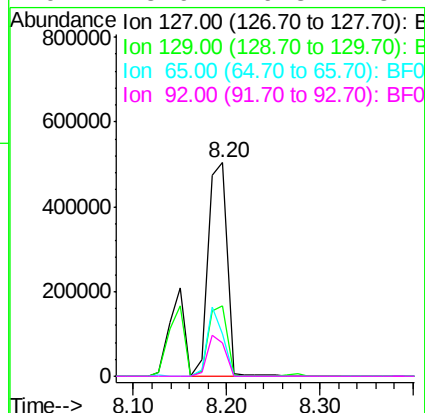
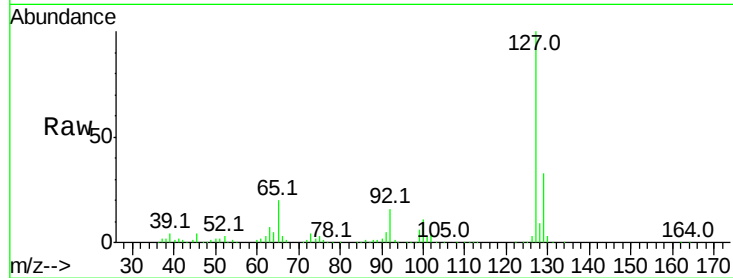
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	26.2	39.2	
65	19.7	27.8	41.8	
92	15.9	16.8	25.2	

Manual Integrations
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#34

Hexachlorobutadiene

Concen: 39.77 ng

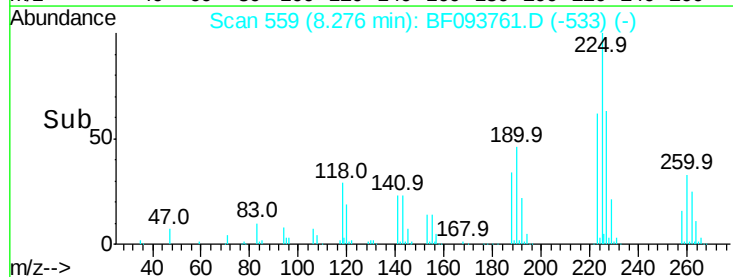
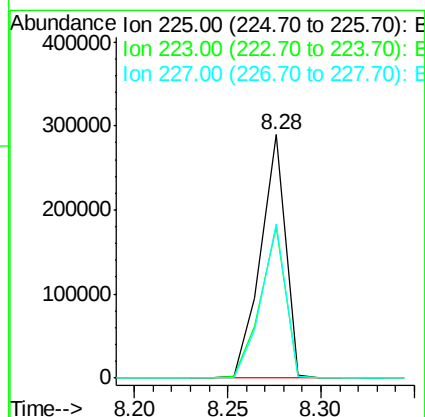
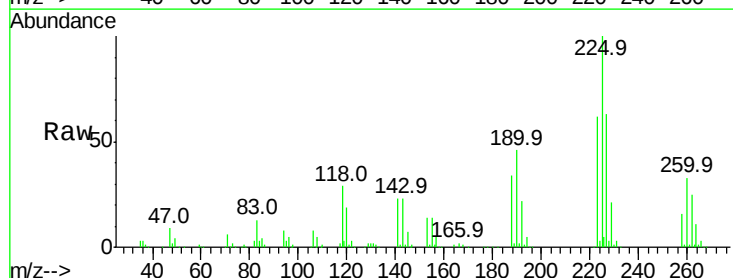
RT: 8.28 min Scan# 559

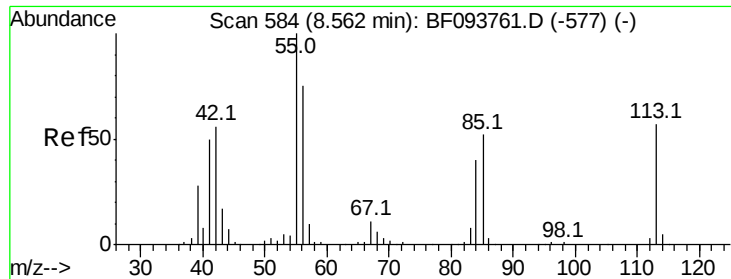
Delta R.T. 0.00 min

Lab File: BF093761.D

Acq: 20 Mar 2017 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.0	48.8	73.2	
227	63.4	51.1	76.7	





#35

Caprolactam

Concen: 36.35 ng

RT: 8.56 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF093761.D

Acq: 20 Mar 2017 12:44

Instrument :

BNA_F

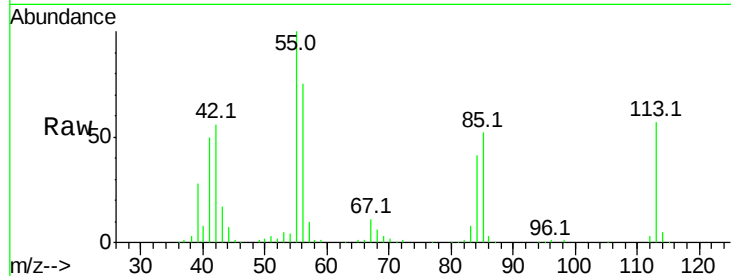
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	175.0	150.2	190.2
56	131.2	107.8	147.8

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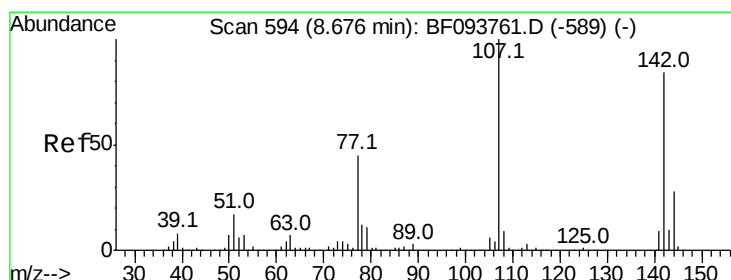
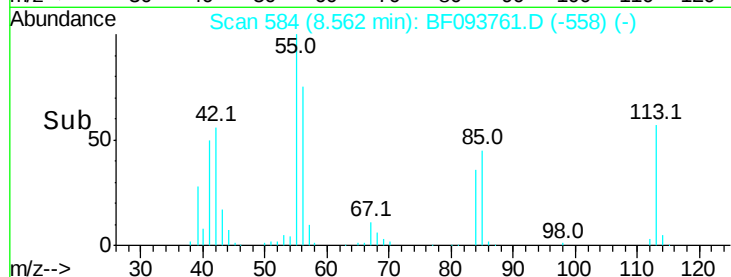
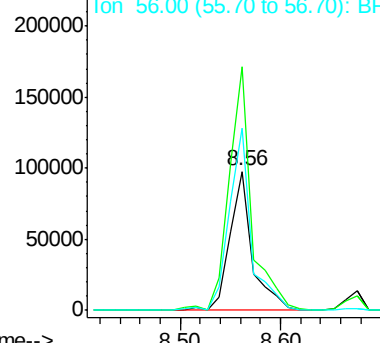
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.18 ng

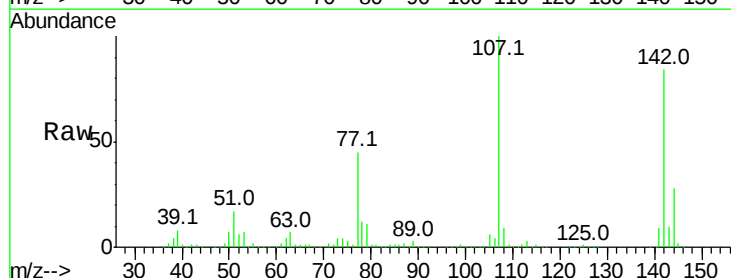
RT: 8.68 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF093761.D

Acq: 20 Mar 2017 12:44

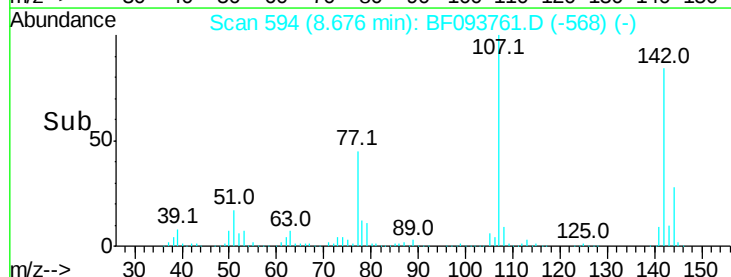
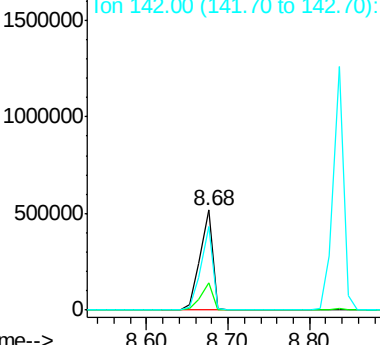
Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	24.2	36.4
142	83.9	73.4	110.0

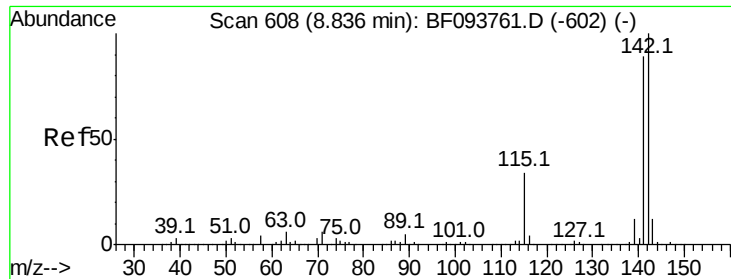


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





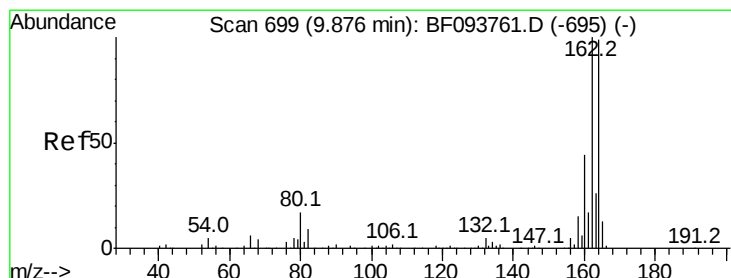
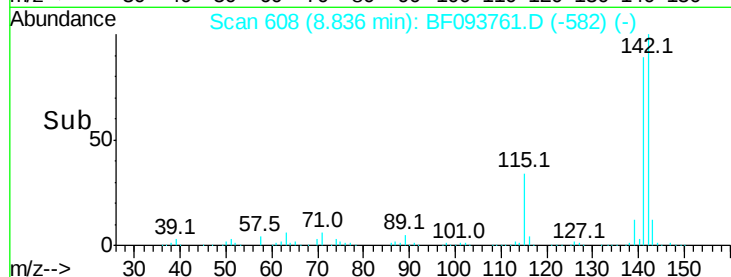
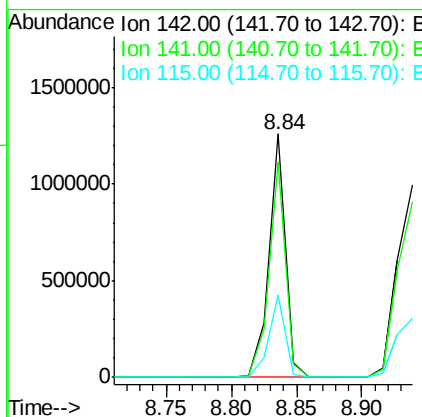
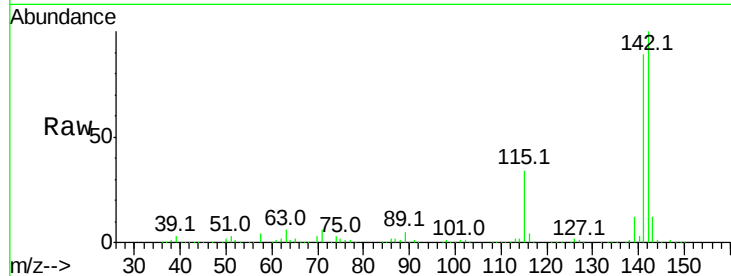
#37
2-Methylnaphthalene
Concen: 38.37 ng
RT: 8.84 min Scan# 608
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:142 Resp: 1113976
Ion Ratio Lower Upper
142 100
141 88.5 71.3 106.9
115 33.7 27.1 40.7

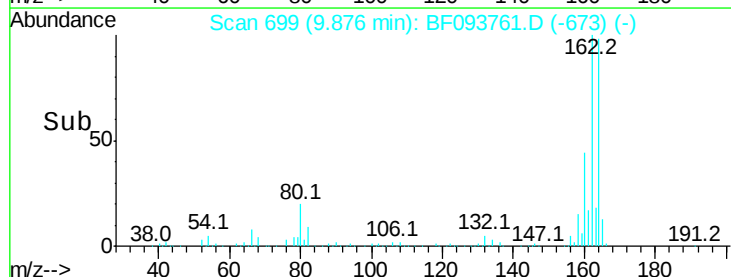
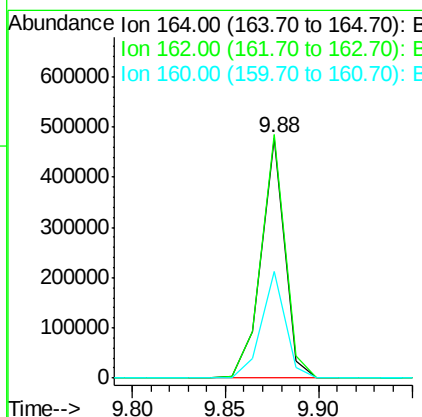
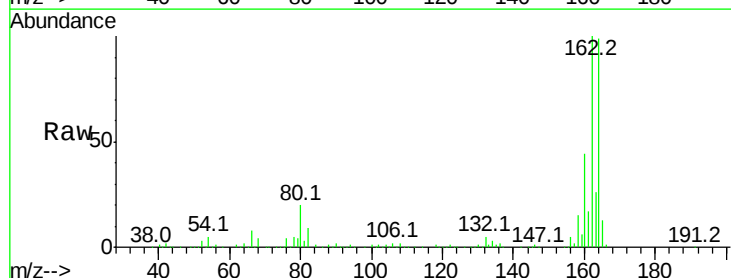
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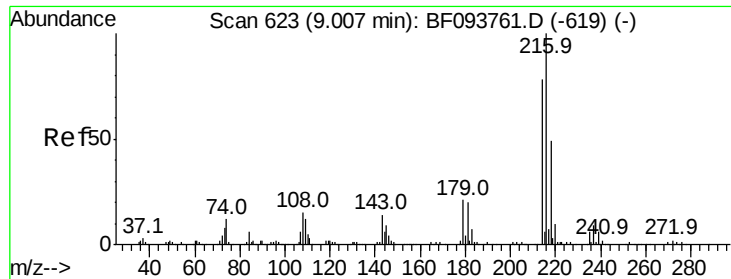
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Tgt Ion:164 Resp: 417242
Ion Ratio Lower Upper
164 100
162 101.3 82.6 123.8
160 44.6 36.2 54.2





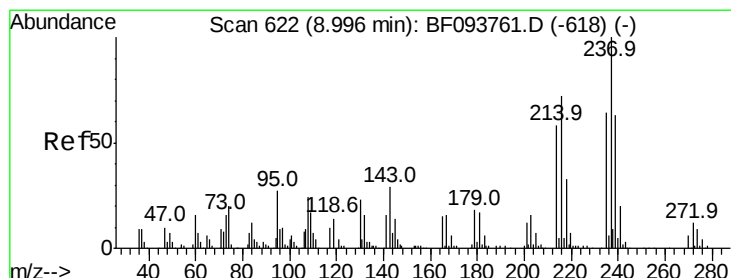
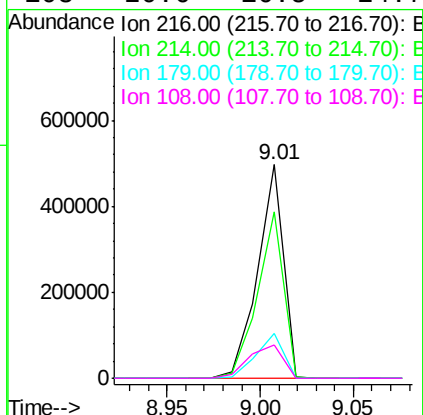
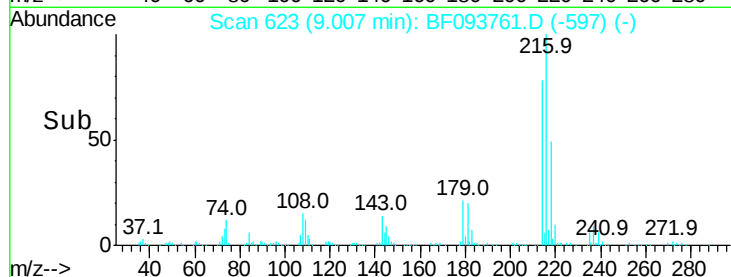
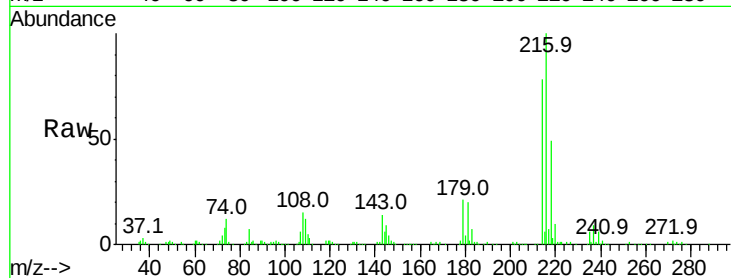
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.51 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF093761.D
 Acq: 20 Mar 2017 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	473948		
214	78.5	63.4	95.2	
179	22.2	17.9	26.9	
108	20.6	16.5	24.7	

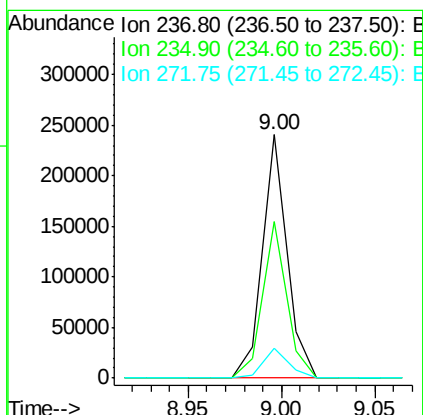
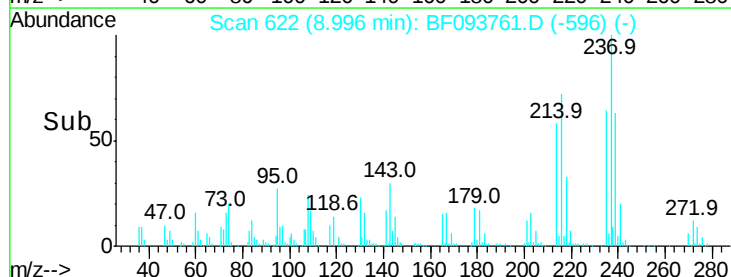
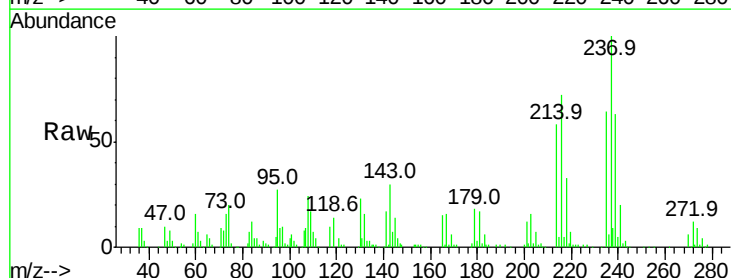
Manual Integrations
 APPROVED

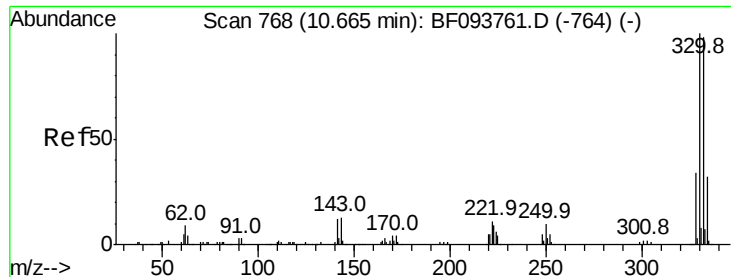
mohammad
 3/21/2017 2:44:55 PM



#40
 Hexachlorocyclopentadiene
 Concen: 44.76 ng
 RT: 9.00 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF093761.D
 Acq: 20 Mar 2017 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	218456		
235	64.5	42.6	82.6	
272	12.3	0.0	31.9	





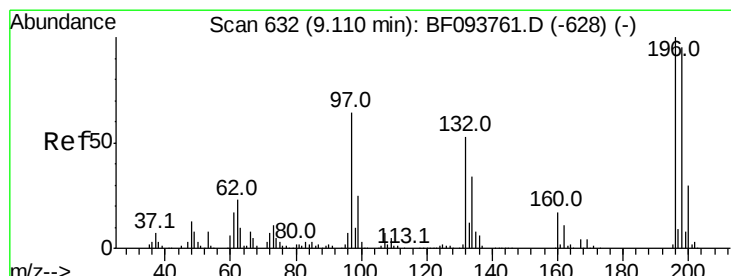
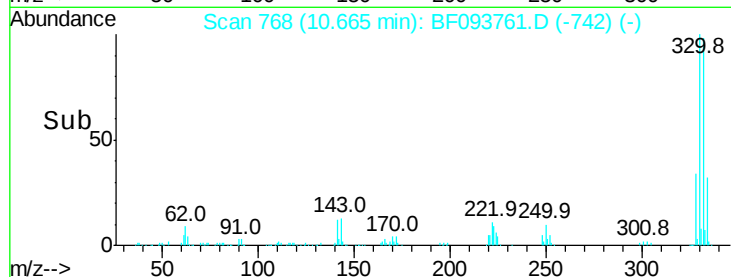
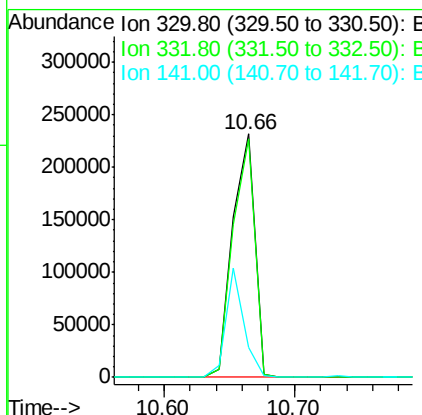
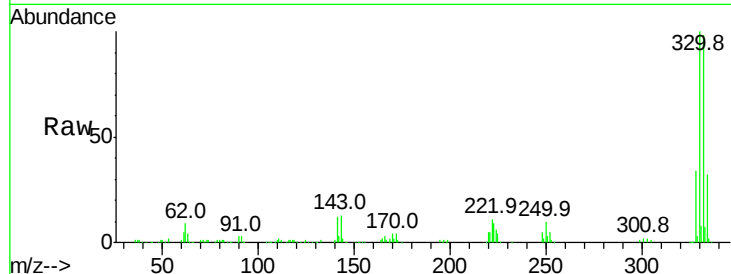
#41
 2,4,6-Tribromophenol
 Concen: 99.75 ng
 RT: 10.66 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF093761.D
 Acq: 20 Mar 2017 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	272387		
332	97.2	76.6	115.0	
141	36.9	31.4	47.2	

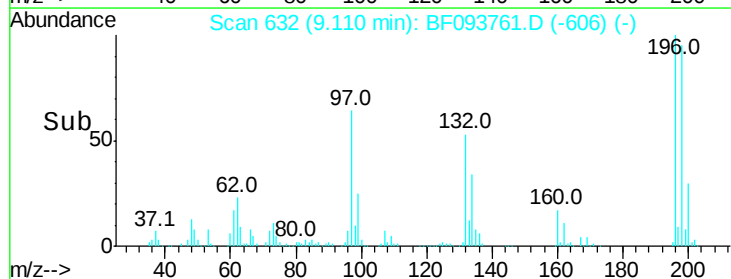
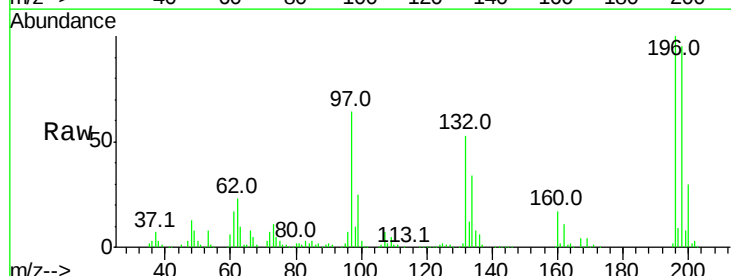
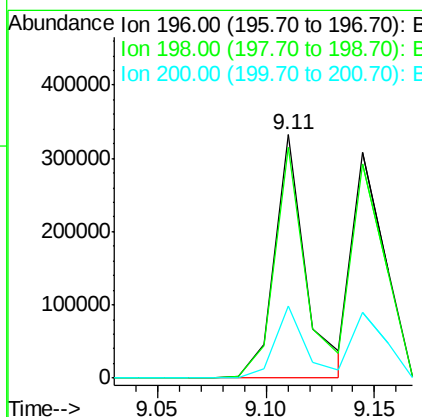
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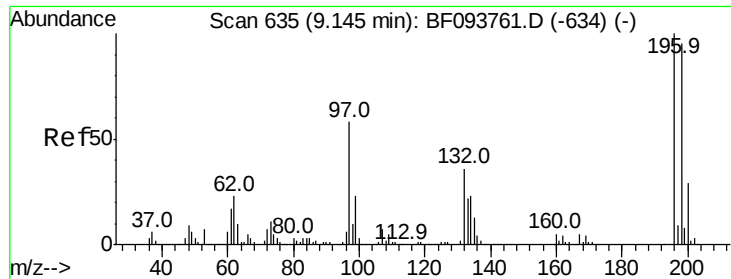
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 46.04 ng
 RT: 9.11 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF093761.D
 Acq: 20 Mar 2017 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	331641		
198	95.0	74.2	111.4	
200	29.7	24.0	36.0	





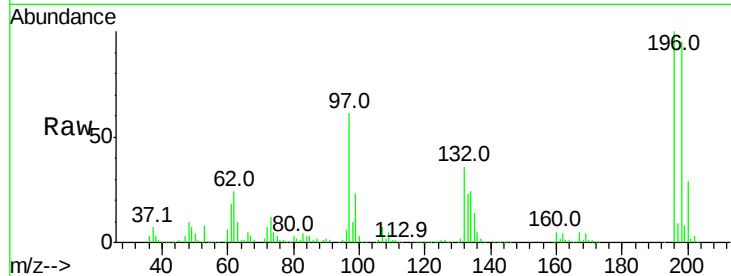
#43
 2,4,5-Trichlorophenol
 Concen: 42.51 ng
 RT: 9.14 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF093761.D
 Acq: 20 Mar 2017 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:	196	Resp:	315734
Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.7	113.5
97	61.1	47.7	71.5
132	36.5	28.0	42.0

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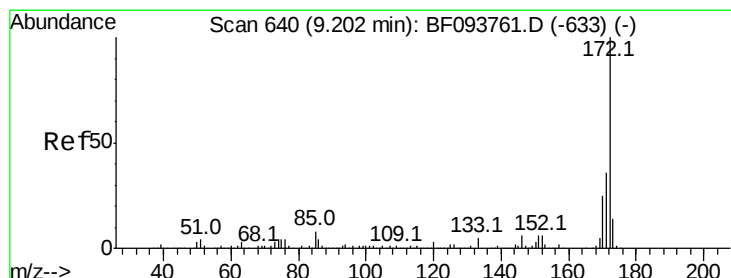
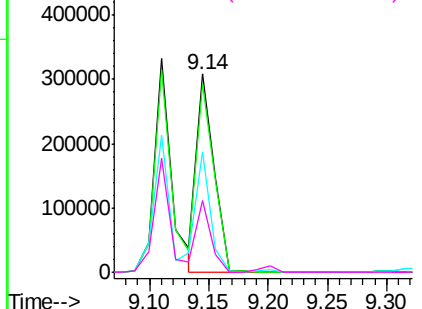
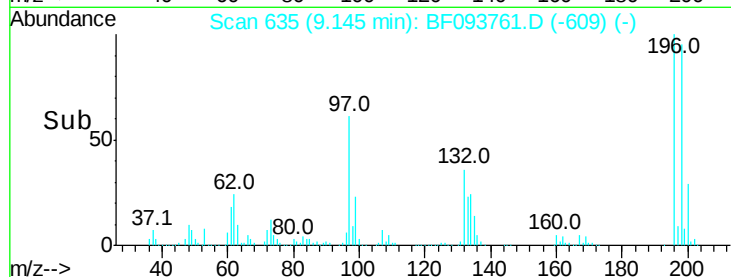
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

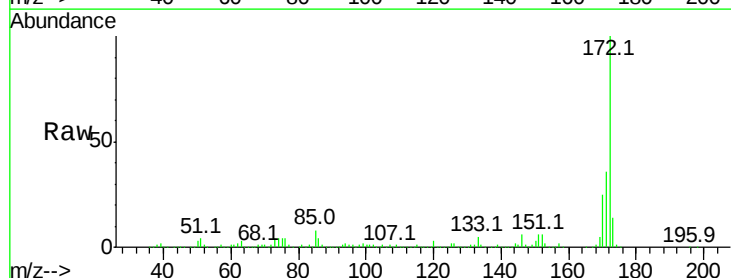
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.96 ng
 RT: 9.20 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF093761.D
 Acq: 20 Mar 2017 12:44

Tgt Ion:	172	Resp:	1834428
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.5	19.8	29.8

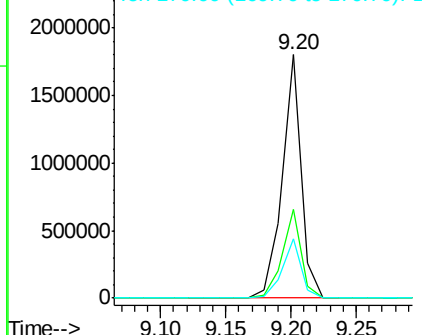
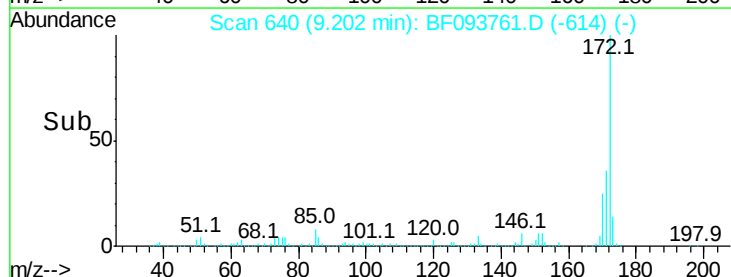


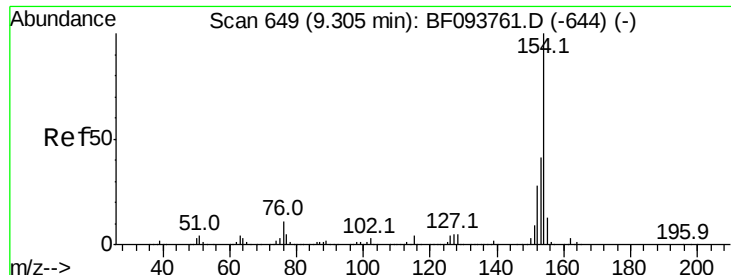
Abundance

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: 45.87 ng

RT: 9.30 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF093761.D

Acq: 20 Mar 2017 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:154 Resp: 1342016

Ion Ratio Lower Upper

154 100

153 41.0 21.2 61.2

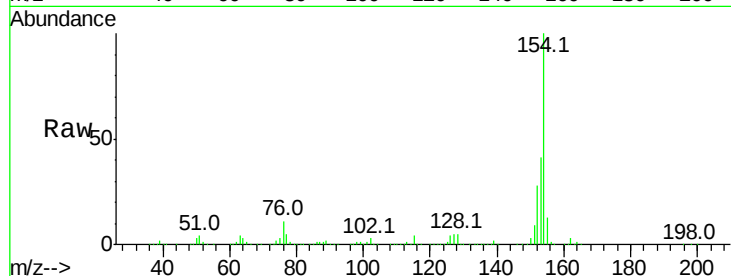
76 10.6 0.0 29.9

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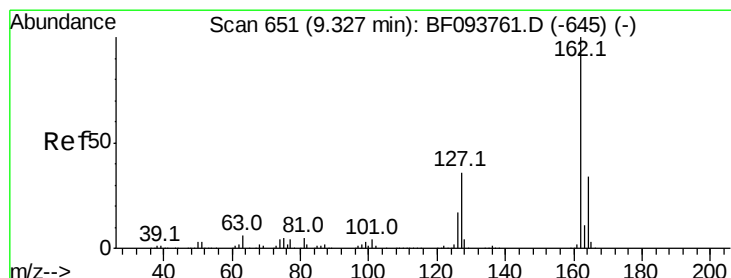
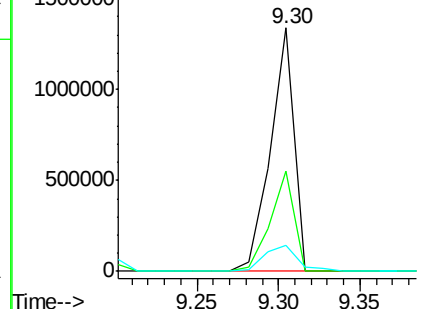
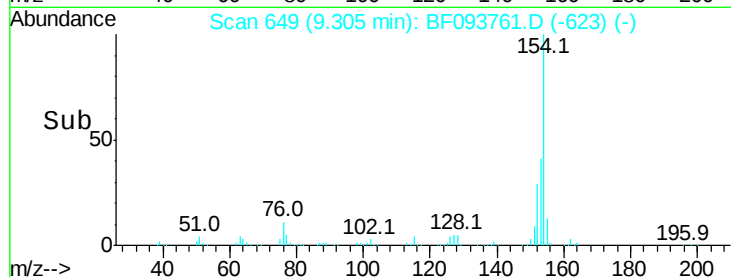
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.92 ng

RT: 9.33 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF093761.D

Acq: 20 Mar 2017 12:44

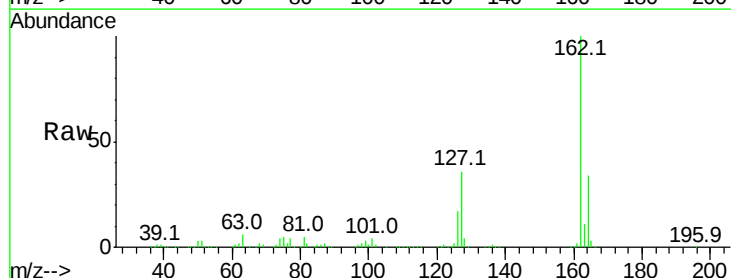
Tgt Ion:162 Resp: 1054621

Ion Ratio Lower Upper

162 100

127 36.1 28.3 42.5

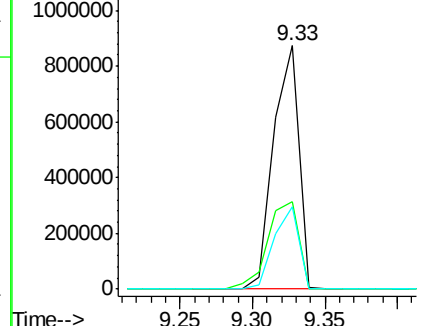
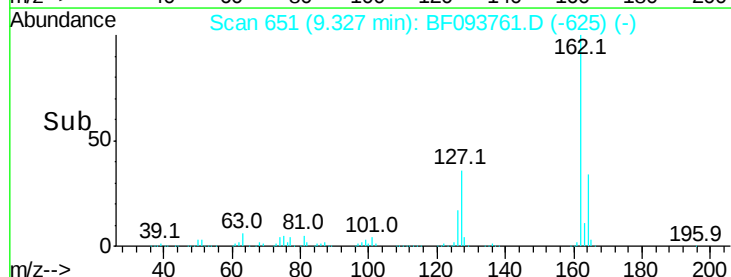
164 33.7 27.0 40.4

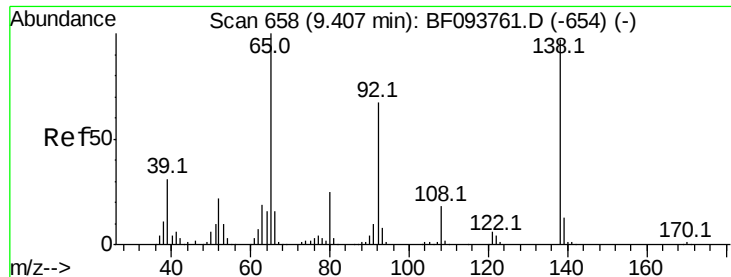


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





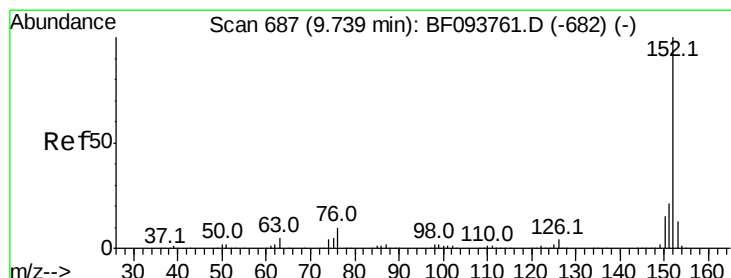
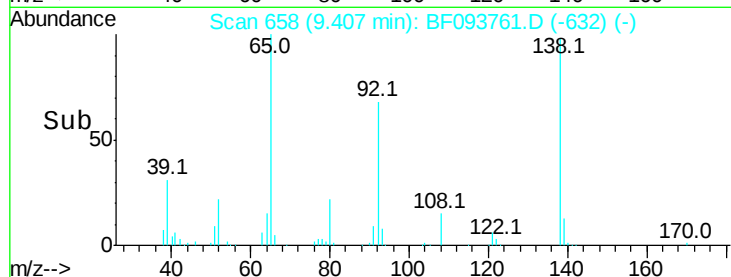
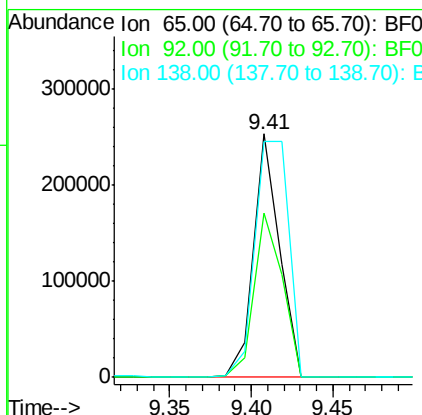
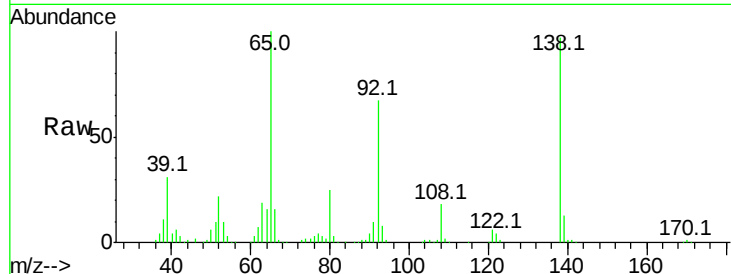
#47
2-Nitroaniline
Concen: 41.17 ng
RT: 9.41 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.2	53.9	80.9
138	96.8	78.8	118.2

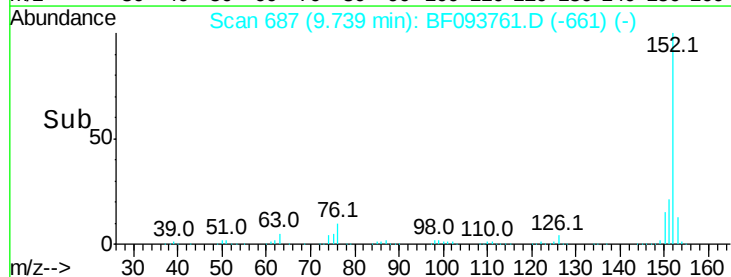
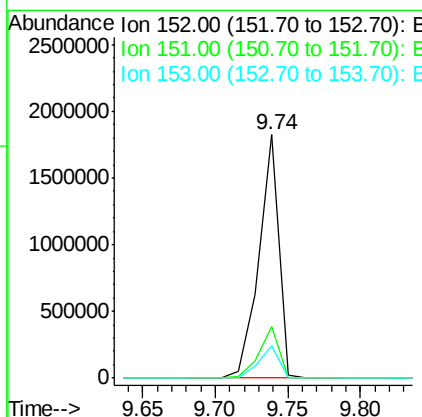
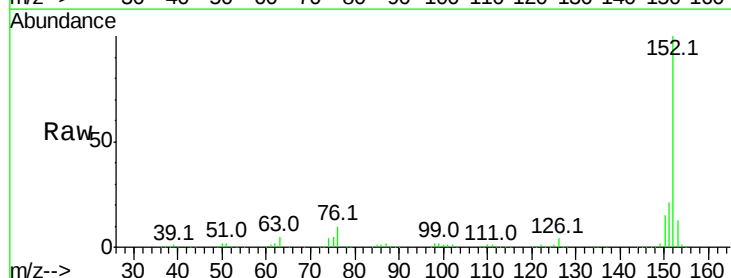
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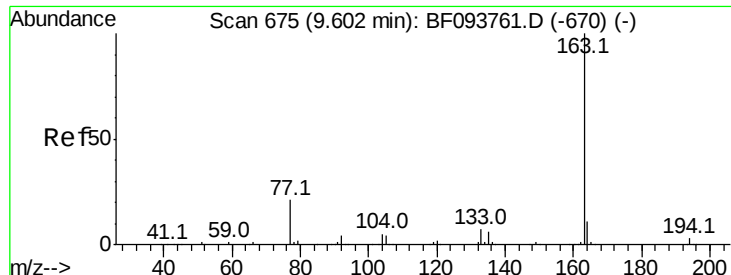
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#48
Acenaphthylene
Concen: 45.44 ng
RT: 9.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	13.4	10.8	16.2





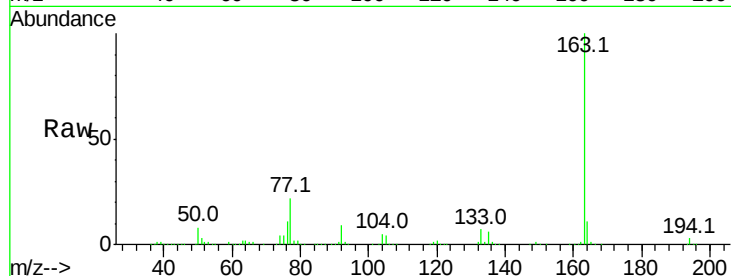
#49
Dimethylphthalate
Concen: 40.83 ng
RT: 9.60 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

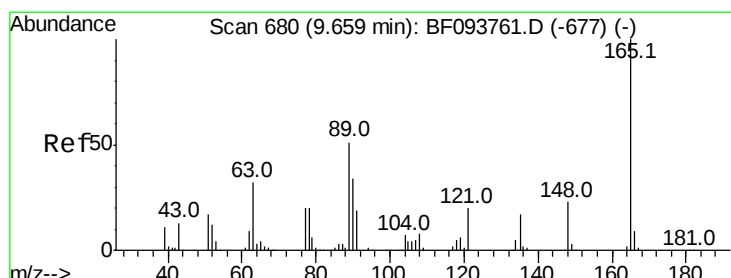
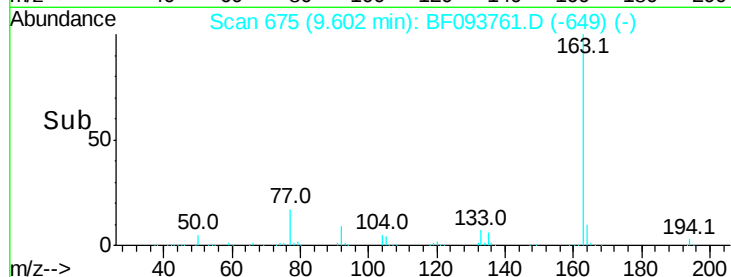
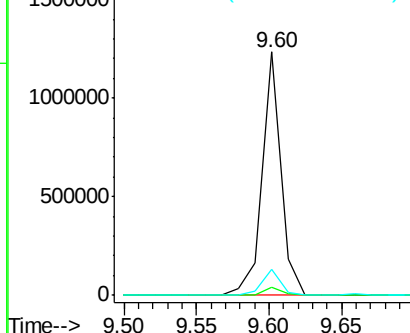
Tot Ion:163 Resp: 1112726
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.6 8.4 12.6

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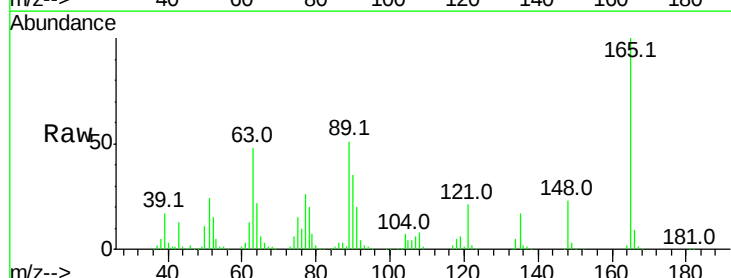


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

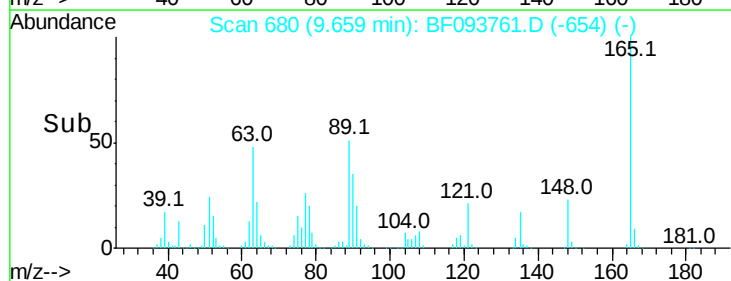
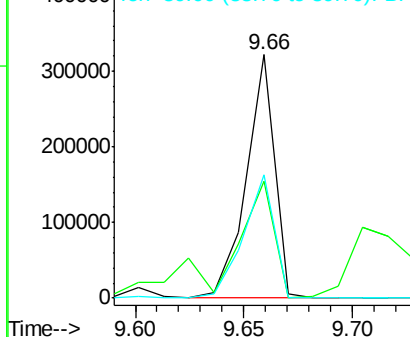


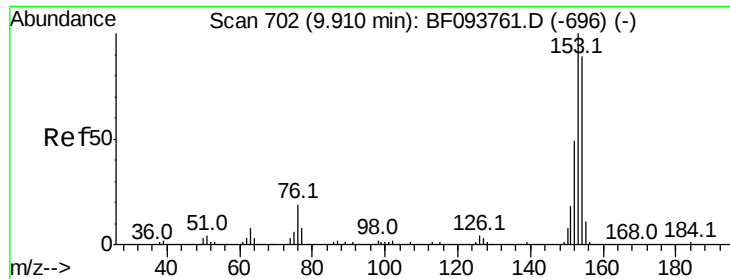
#50
2,6-Dinitrotoluene
Concen: 49.09 ng
RT: 9.66 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Tgt Ion:165 Resp: 288990
Ion Ratio Lower Upper
165 100
63 48.2 34.3 51.5
89 50.8 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





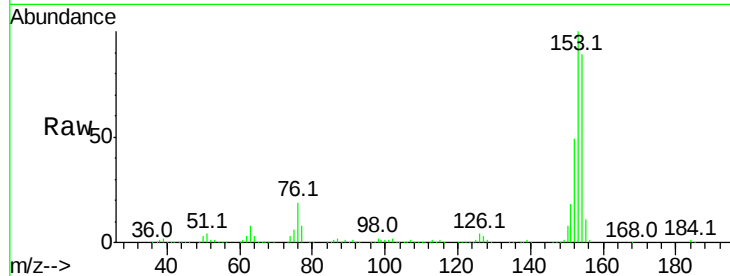
#51
Acenaphthene
Concen: 44.78 ng
RT: 9.91 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

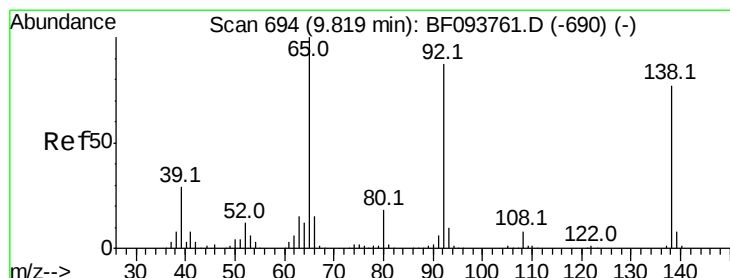
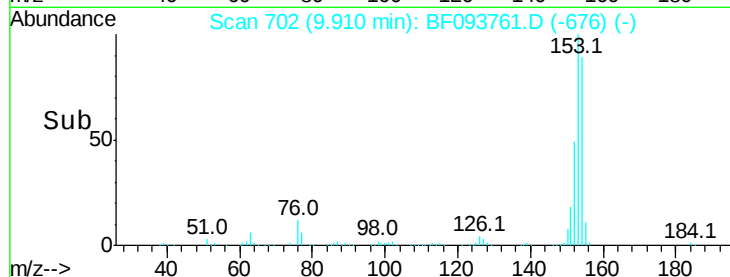
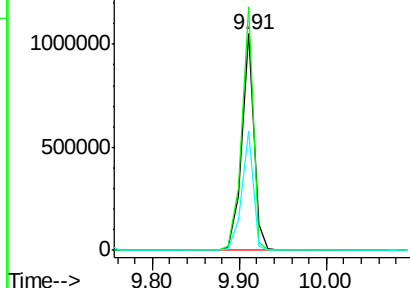
Tot Ion:154 Resp: 1010280
Ion Ratio Lower Upper
154 100
153 112.4 90.5 135.7
152 55.2 43.6 65.4

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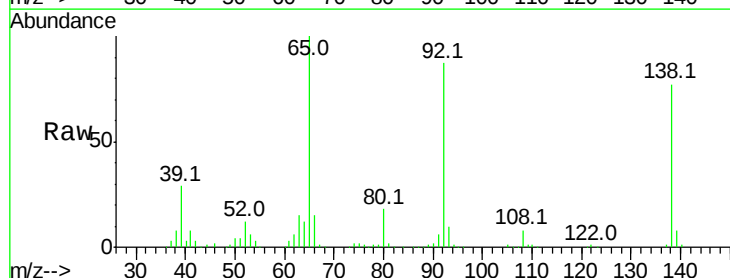


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

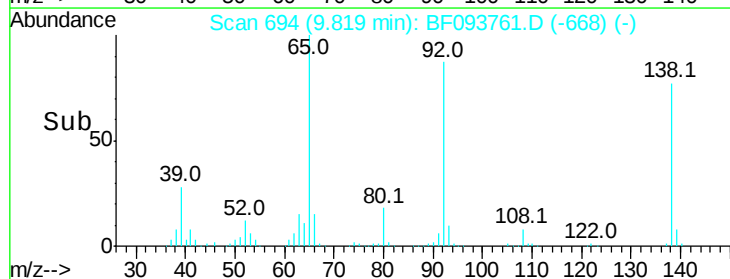
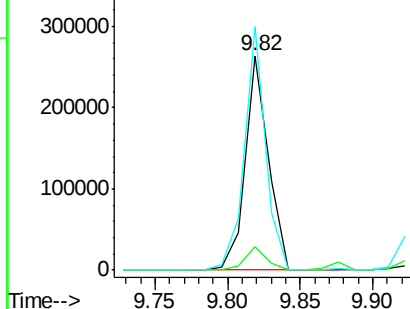


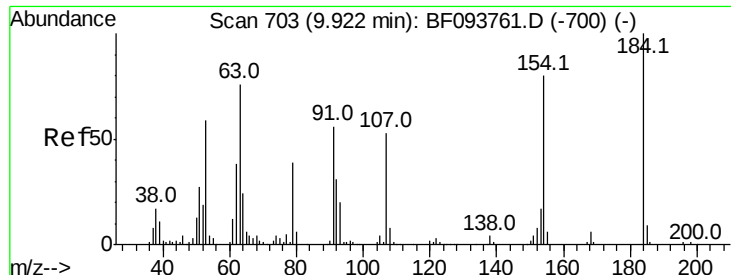
#52
3-Nitroaniline
Concen: 41.79 ng
RT: 9.82 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Tgt Ion:138 Resp: 291873
Ion Ratio Lower Upper
138 100
108 10.8 9.1 13.7
92 113.5 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





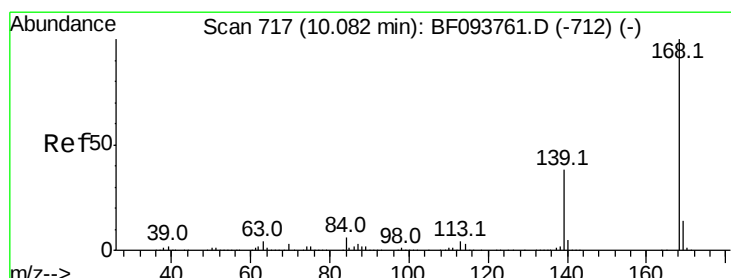
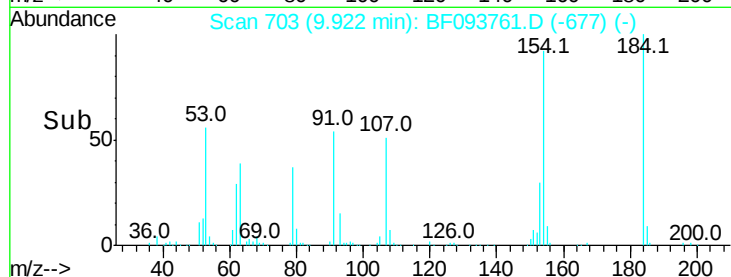
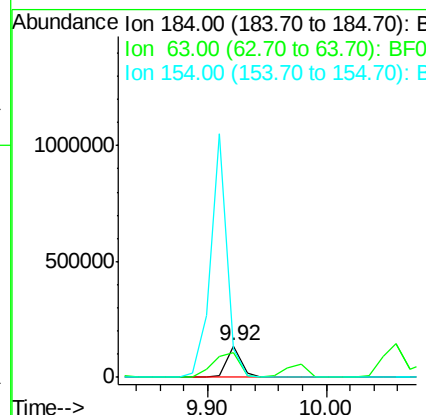
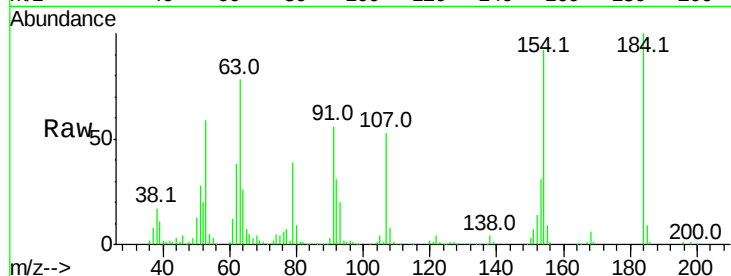
#53
2,4-Dinitrophenol
Concen: 64.41 ng
RT: 9.92 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	112986		
63	78.3	62.7	94.1	
154	92.0	81.1	121.7	

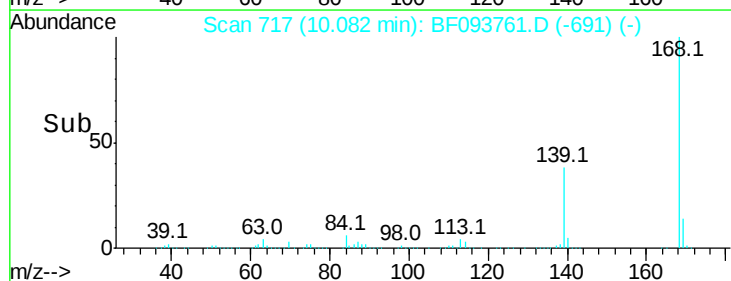
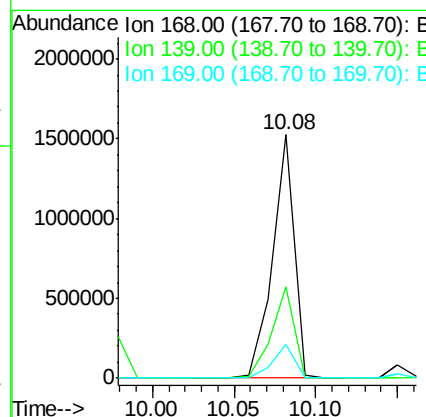
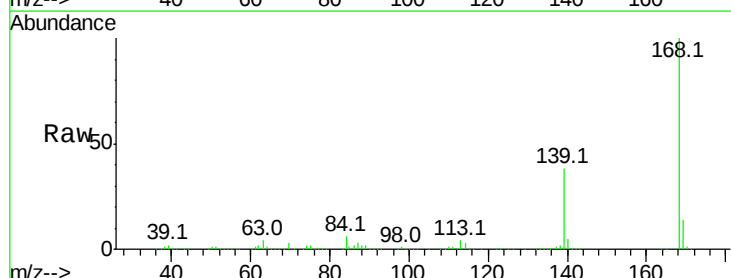
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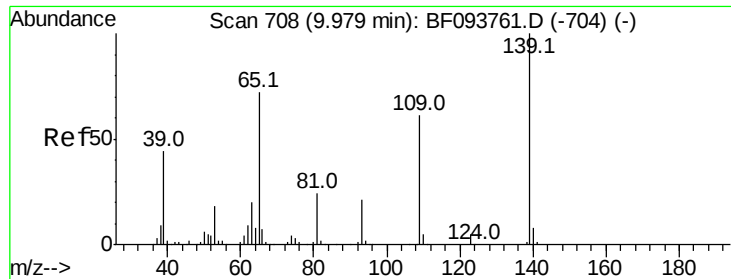
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#54
Dibenzofuran
Concen: 46.03 ng
RT: 10.08 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1411690		
139	37.5	30.6	45.8	
169	13.7	10.8	16.2	





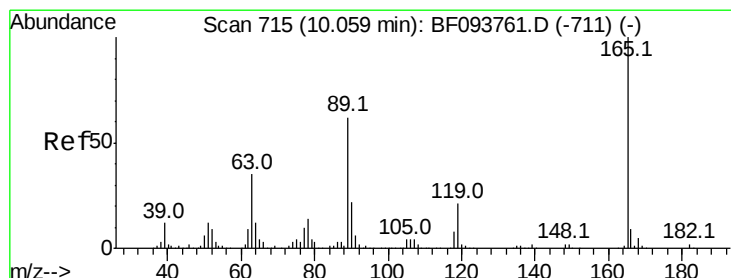
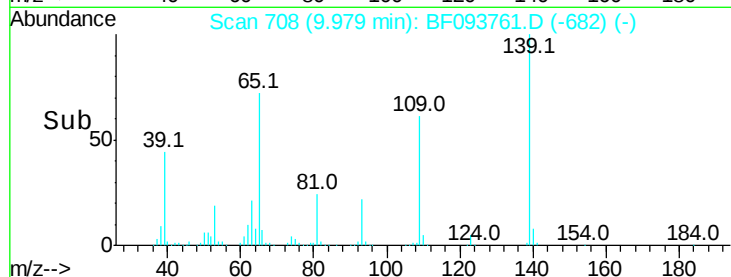
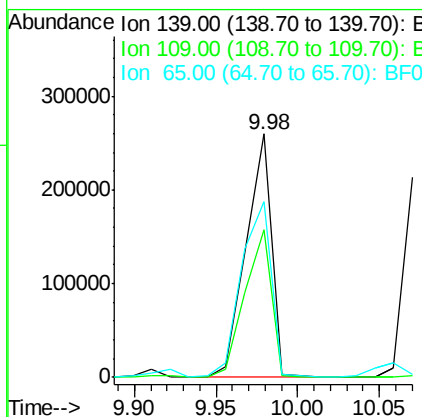
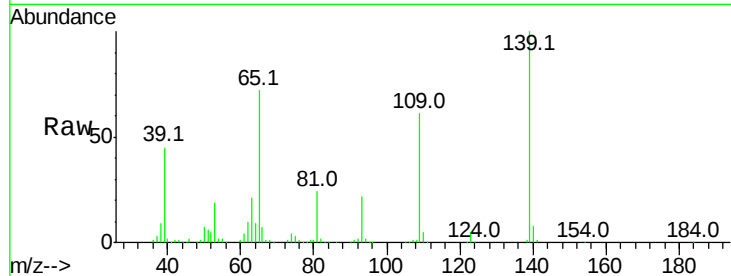
#55
4-Nitrophenol
Concen: 53.44 ng
RT: 9.98 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	60.5	34.1	74.1
65	72.1	31.4	71.4

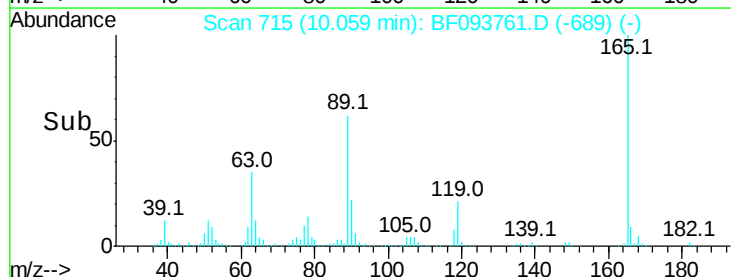
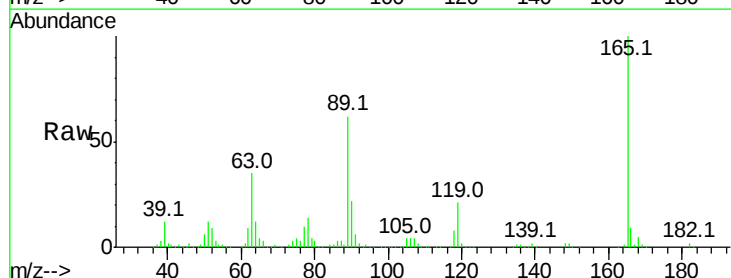
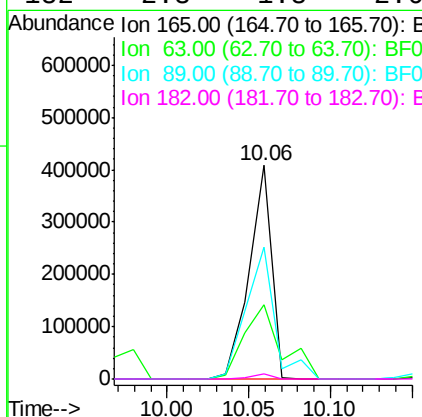
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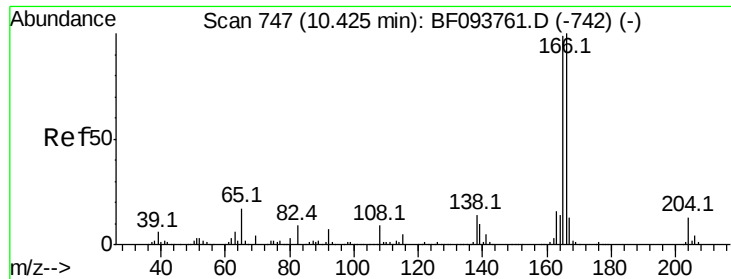
mohammad
3/21/2017 2:44:55 PM



#56
2,4-Dinitrotoluene
Concen: 49.62 ng
RT: 10.06 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	35.0	25.4	38.0
89	61.7	46.4	69.6
182	2.3	1.8	2.6





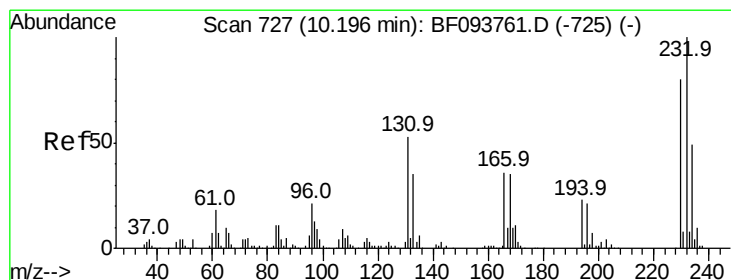
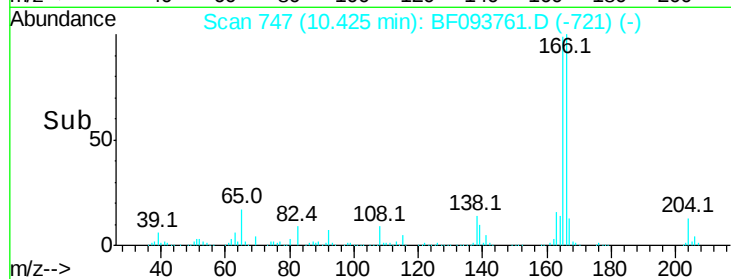
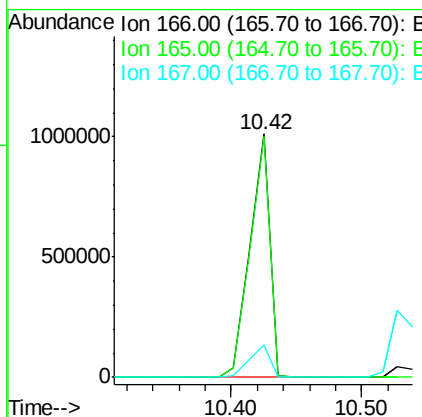
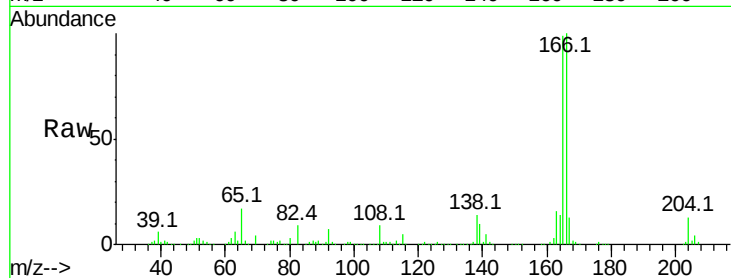
#57
 Fluorene
 Concen: 43.06 ng
 RT: 10.42 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF093761.D
 Acq: 20 Mar 2017 12:44

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC040

Tot Ion:166 Resp: 1071253
 Ion Ratio Lower Upper
 166 100
 165 99.1 78.8 118.2
 167 13.3 10.6 16.0

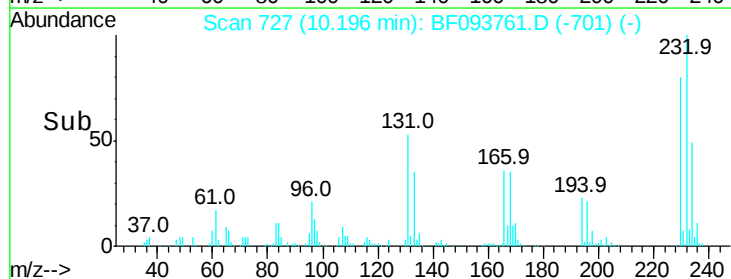
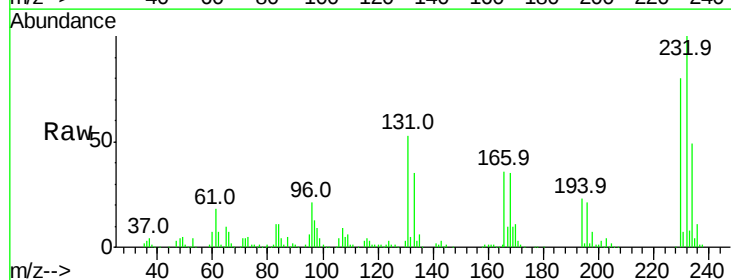
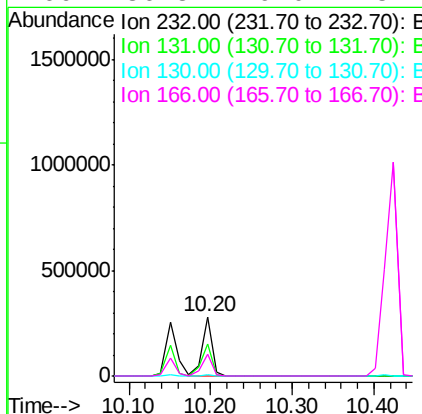
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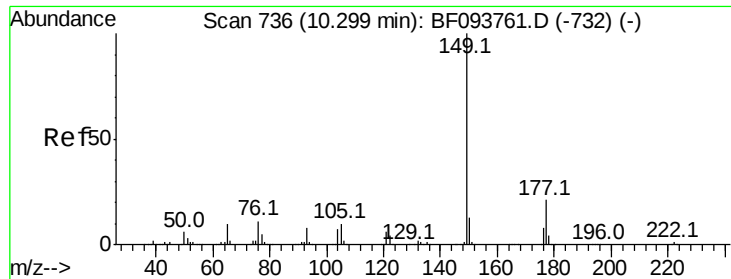
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.76 ng
 RT: 10.20 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF093761.D
 Acq: 20 Mar 2017 12:44

Tgt Ion:232 Resp: 243943
 Ion Ratio Lower Upper
 232 100
 131 56.5 44.8 67.2
 130 2.6 2.3 3.5
 166 36.8 29.0 43.4





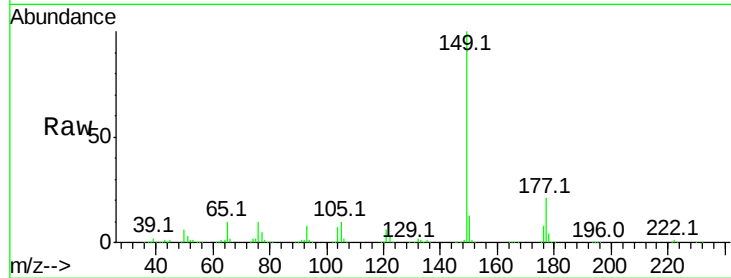
#59
Diethylphthalate
Concen: 44.10 ng
RT: 10.30 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Instrument :
BNA_F
ClientSampled :
SSTDICCC040

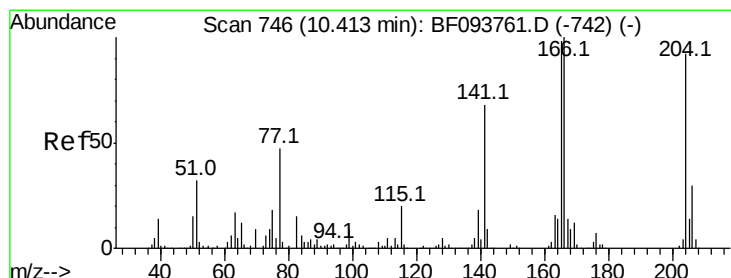
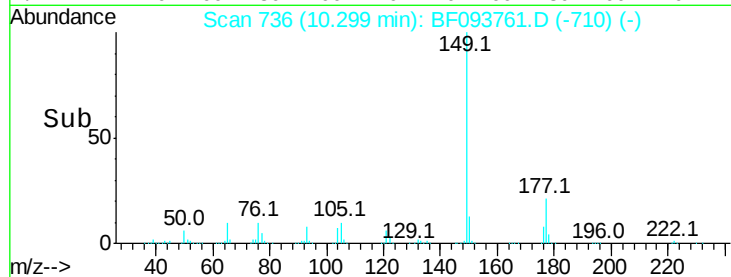
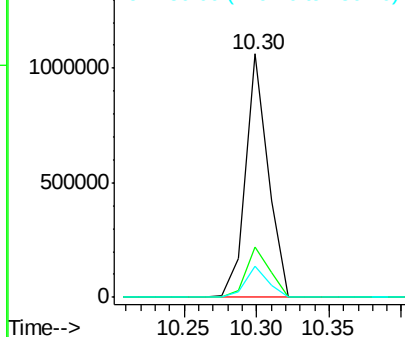
Tot Ion:149 Resp: 1144102
Ion Ratio Lower Upper
149 100
177 20.5 16.7 25.1
150 13.0 10.2 15.2

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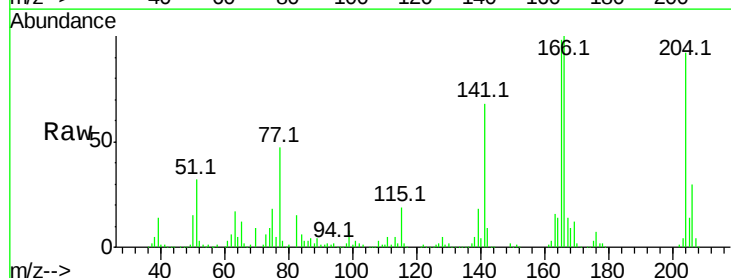


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

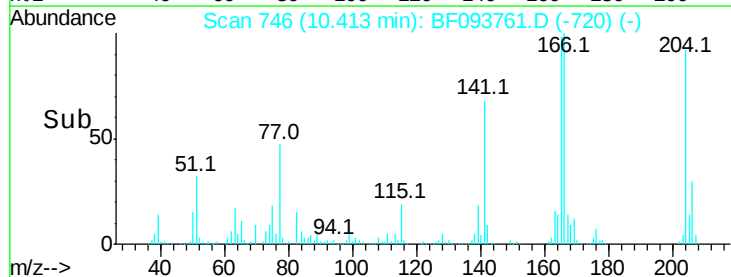
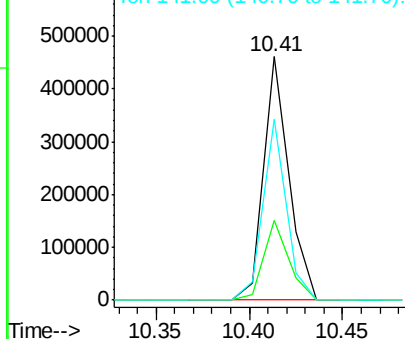


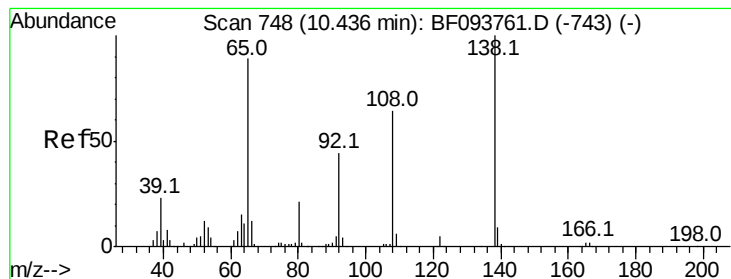
#60
4-Chlorophenyl-phenylether
Concen: 40.83 ng
RT: 10.41 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Tgt Ion:204 Resp: 427947
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 74.0 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: 48.13 ng

RT: 10.44 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF093761.D

Acq: 20 Mar 2017 12:44

Instrument :

BNA_F

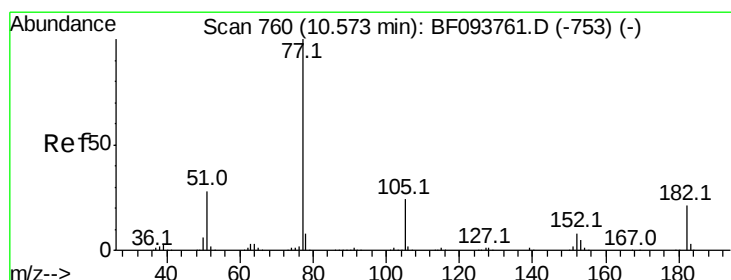
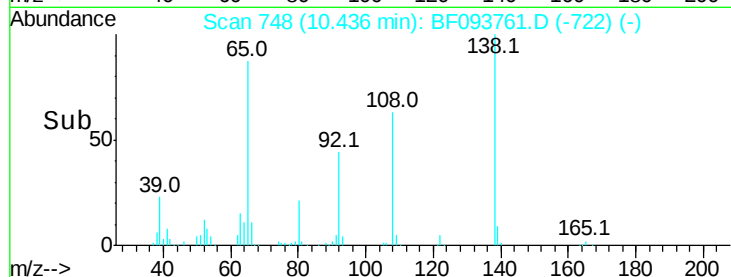
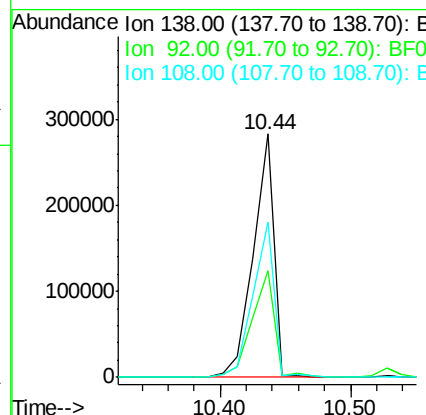
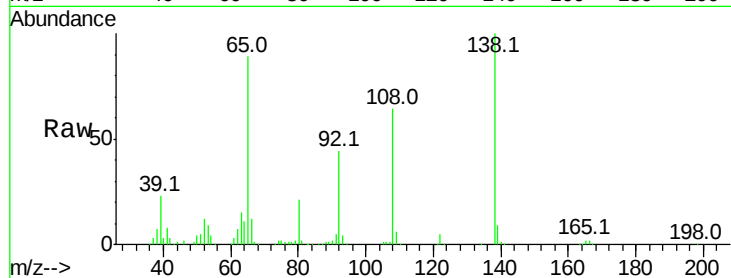
ClientSampleId :

SSTDICCC040

Tot Ion:	138	Resp:	312800
Ion Ratio	Lower	Upper	
138	100		
92	44.0	21.8	61.8
108	63.7	42.3	82.3

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#62

Azobenzene

Concen: 45.01 ng

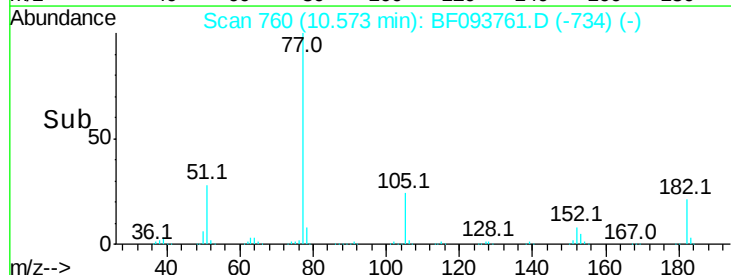
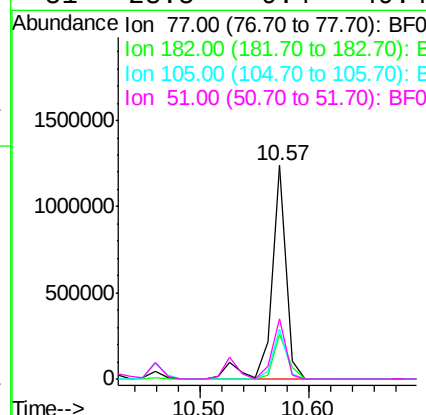
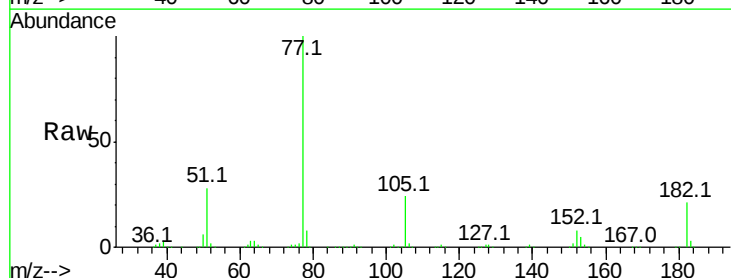
RT: 10.57 min Scan# 760

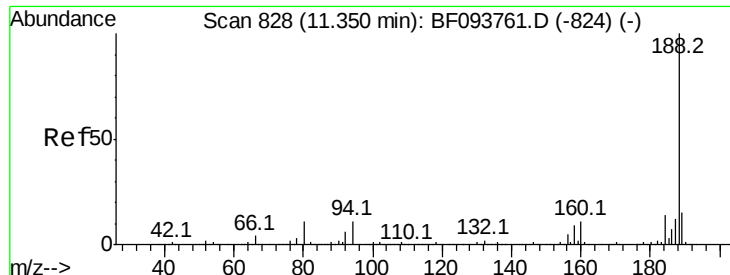
Delta R.T. 0.00 min

Lab File: BF093761.D

Acq: 20 Mar 2017 12:44

Tgt Ion:	77	Resp:	1179673
Ion Ratio	Lower	Upper	
77	100		
182	21.1	0.1	40.1
105	23.7	3.6	43.6
51	28.5	9.4	49.4





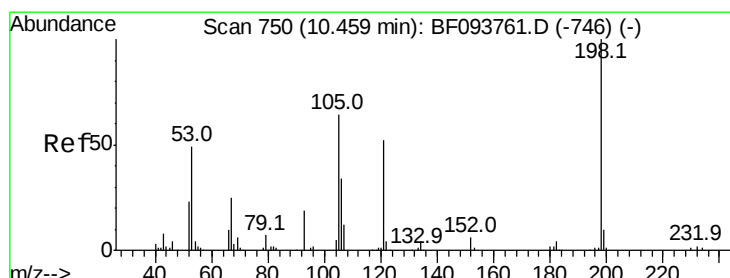
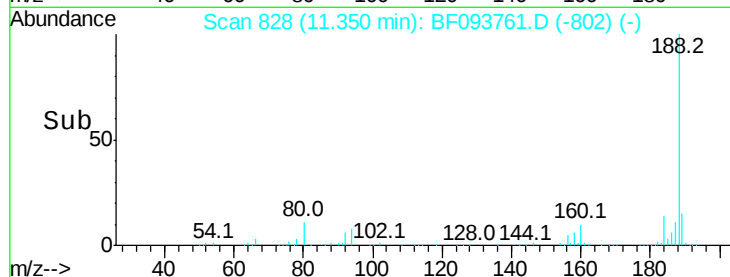
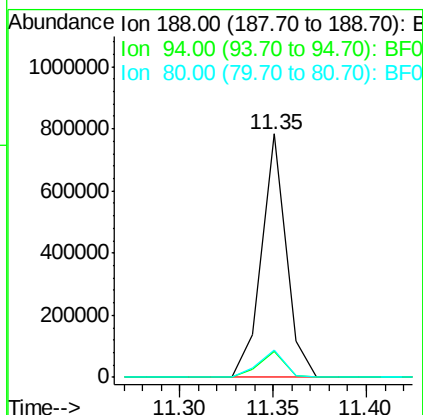
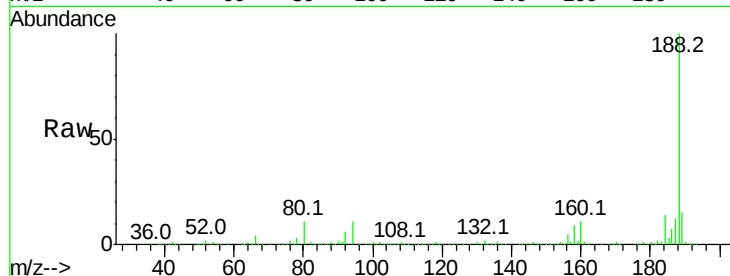
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	715075		
94	10.9		9.4	14.2
80	11.4		10.2	15.2

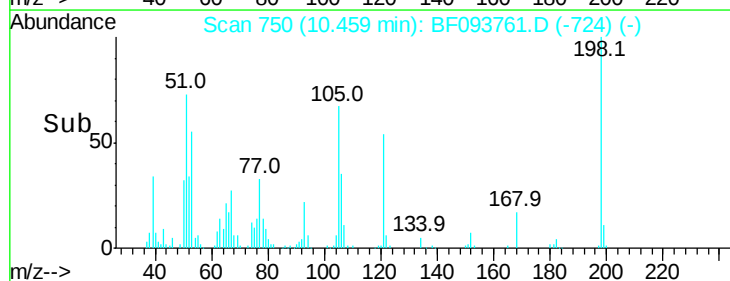
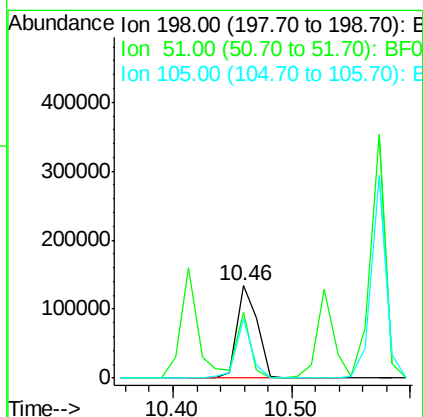
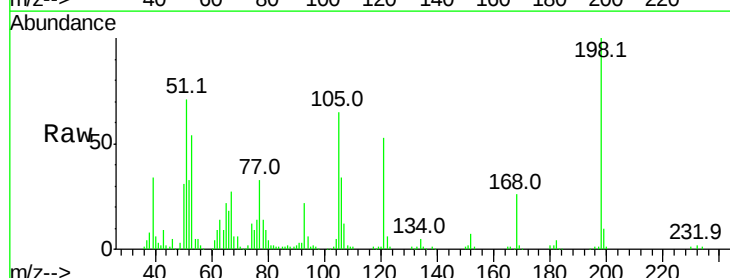
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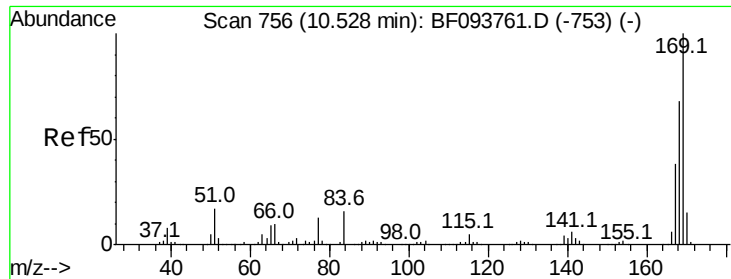
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#64
4,6-Dinitro-2-methylphenol
Concen: 51.22 ng
RT: 10.46 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	160106		
51	70.8		53.2	93.2
105	64.9		45.8	85.8





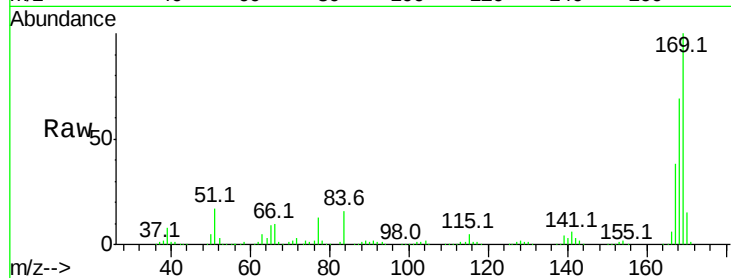
#65
 n-Nitrosodiphenylamine
 Concen: 39.53 ng
 RT: 10.53 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF093761.D
 Acq: 20 Mar 2017 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

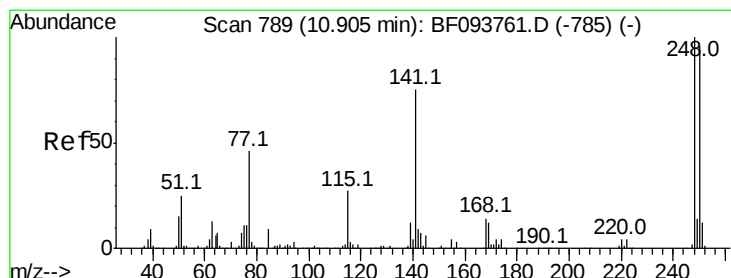
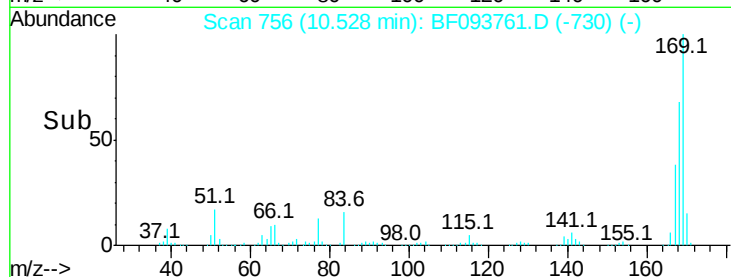
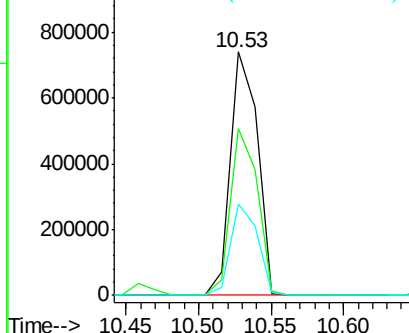
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.5	53.2	79.8
167	37.7	29.5	44.3

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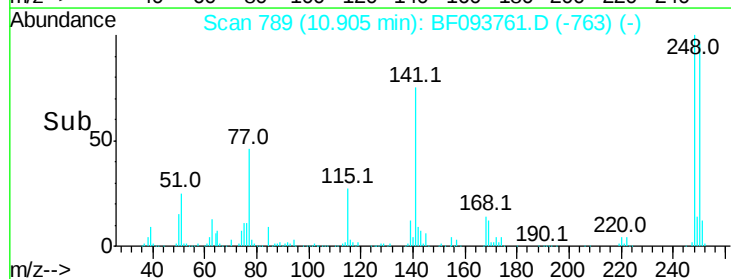
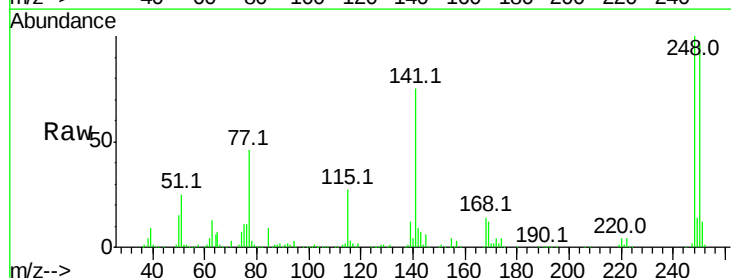
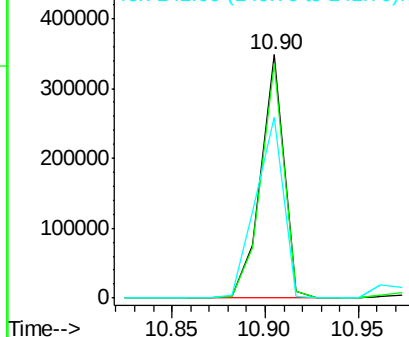
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

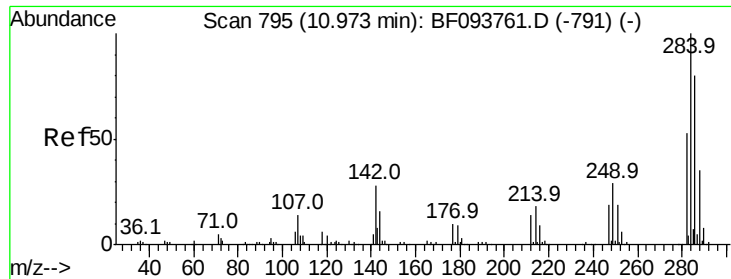


#66
 4-Bromophenyl-phenylether
 Concen: 44.21 ng
 RT: 10.90 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF093761.D
 Acq: 20 Mar 2017 12:44

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.5	76.8	115.2
141	74.5	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





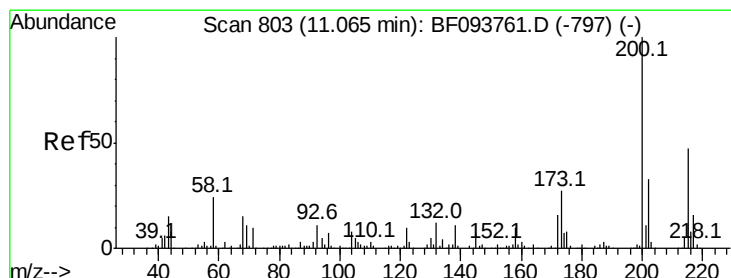
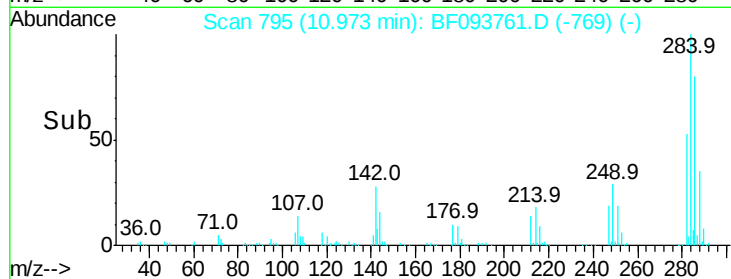
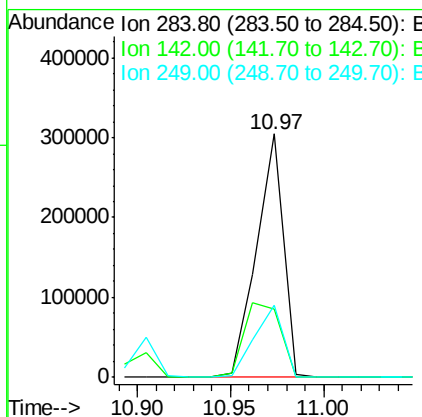
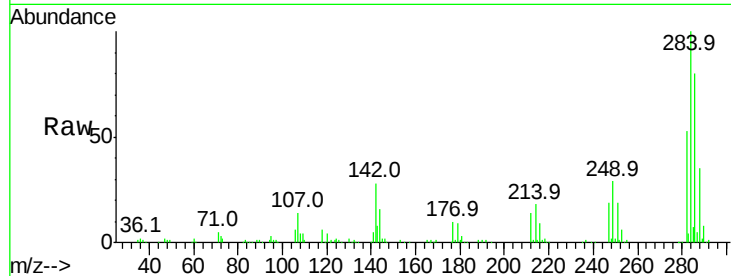
#67
Hexachlorobenzene
Concen: 42.95 ng
RT: 10.97 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	28.1	22.8	34.2	
249	29.4	24.0	36.0	

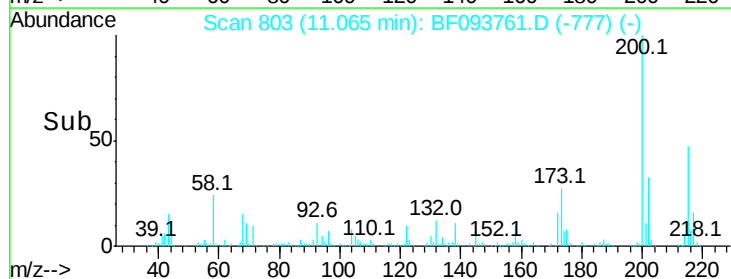
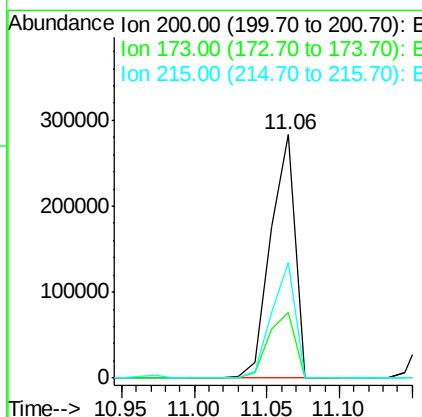
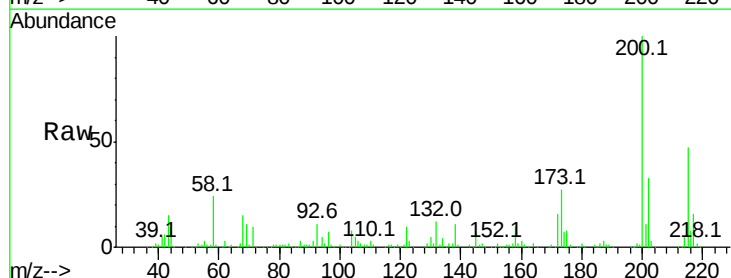
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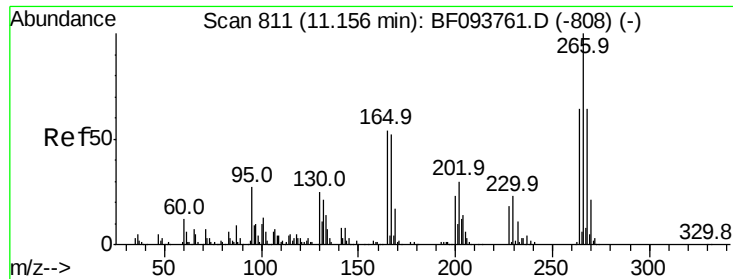
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#68
Atrazine
Concen: 47.43 ng
RT: 11.06 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.1	6.3	46.3	
215	47.4	27.2	67.2	





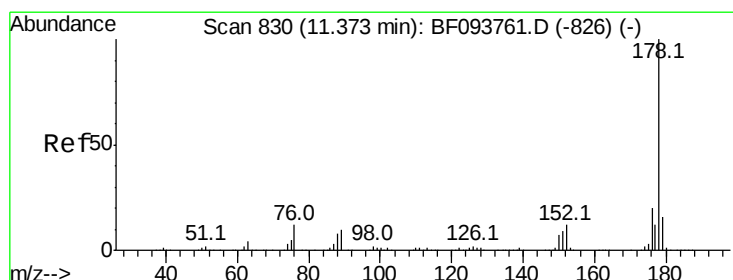
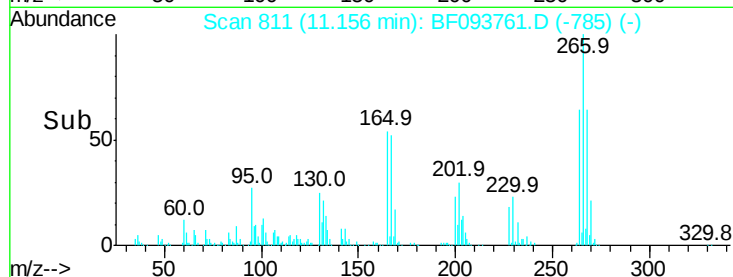
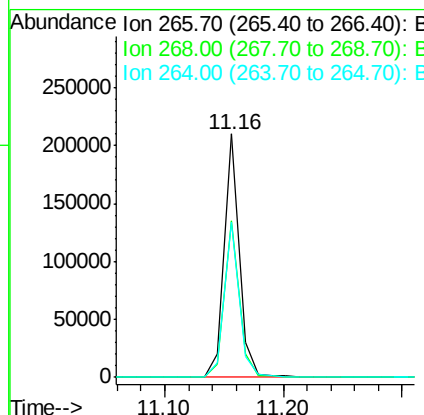
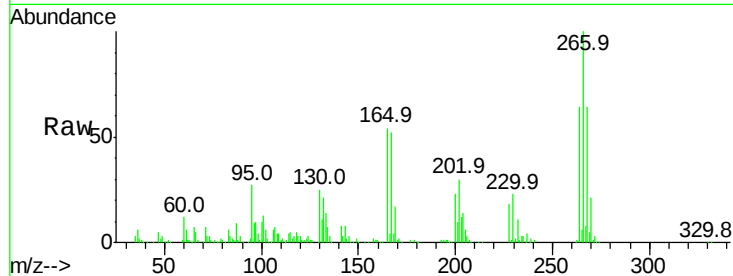
#69
 Pentachlorophenol
 Concen: 45.48 ng
 RT: 11.16 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF093761.D
 Acq: 20 Mar 2017 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTD1CCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	184097		
268	64.3		51.1	76.7
264	64.0		51.7	77.5

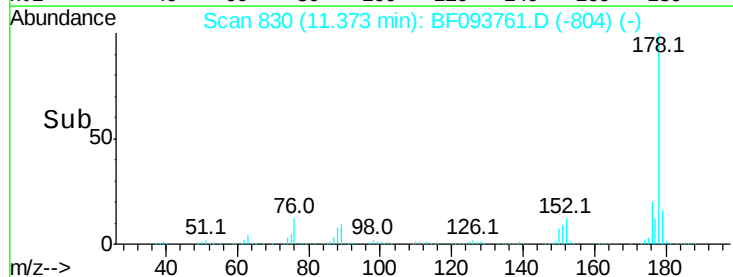
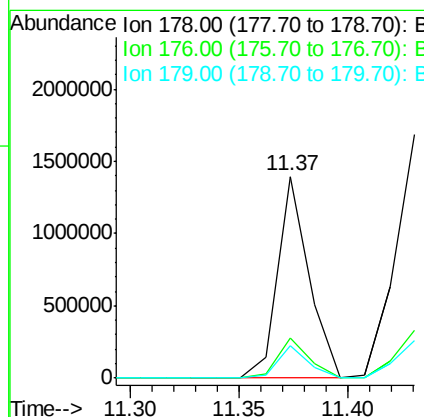
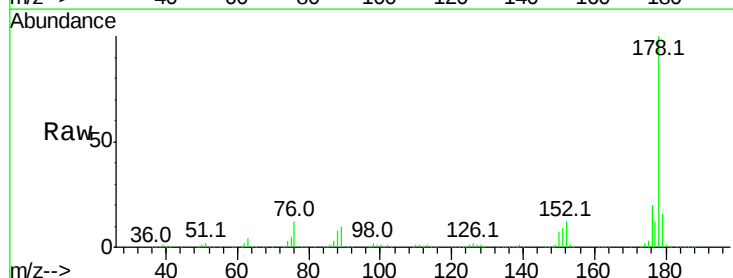
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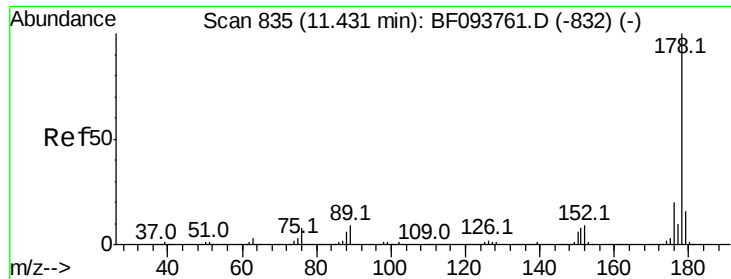
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#70
 Phenanthrene
 Concen: 34.94 ng
 RT: 11.37 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF093761.D
 Acq: 20 Mar 2017 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1412525		
176	20.2		16.2	24.4
179	15.9		12.6	19.0





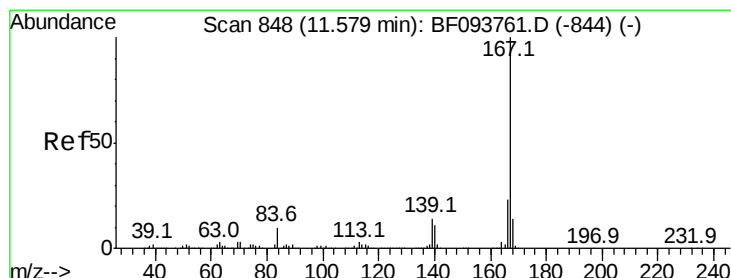
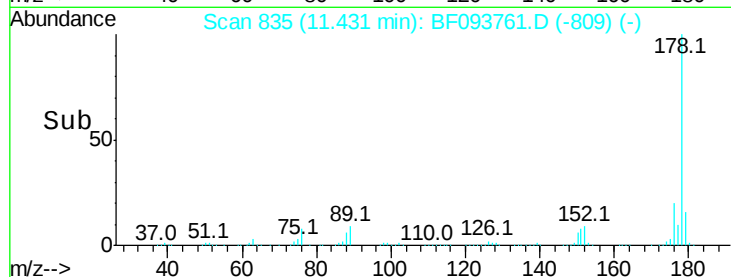
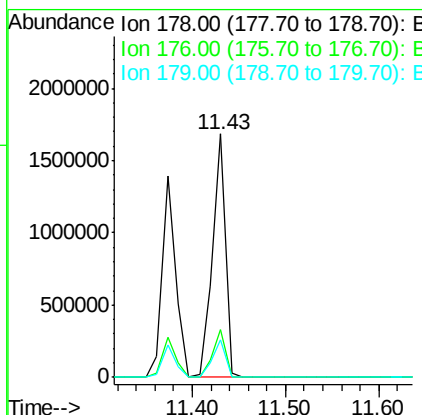
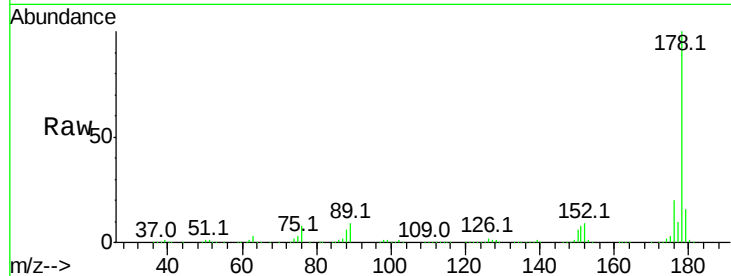
#71
 Anthracene
 Concen: 41.16 ng
 RT: 11.43 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF093761.D
 Acq: 20 Mar 2017 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:178 Resp: 1628118
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.7 12.7 19.1

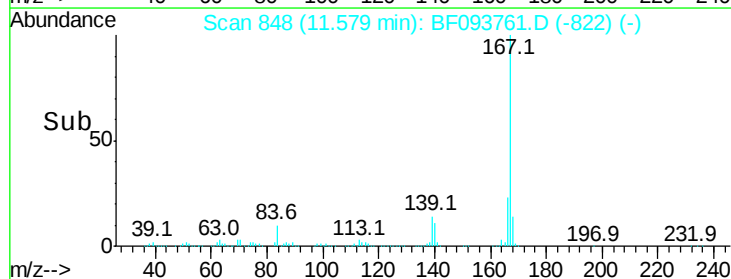
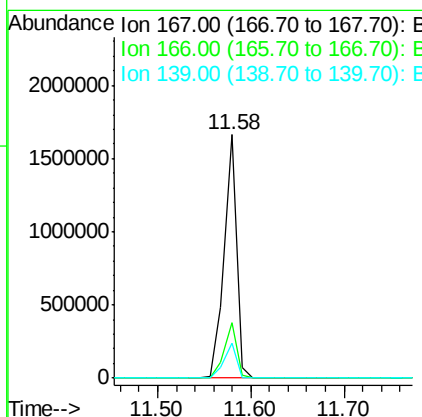
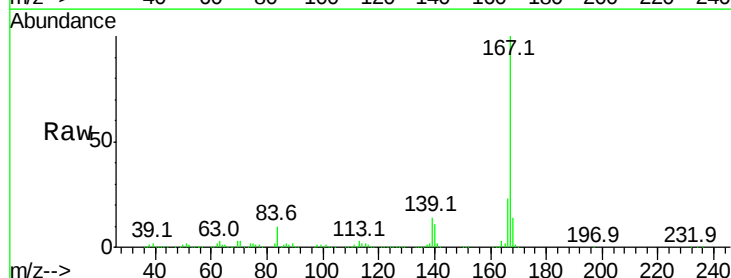
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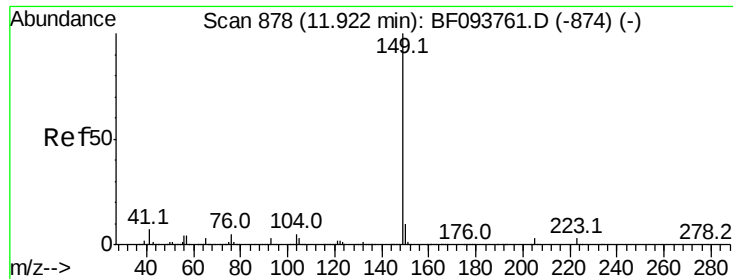
mohammad
 3/21/2017 2:44:55 PM



#72
 Carbazole
 Concen: 37.12 ng
 RT: 11.58 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: BF093761.D
 Acq: 20 Mar 2017 12:44

Tgt Ion:167 Resp: 1537150
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.1 27.1
 139 14.3 11.7 17.5





#73

Di-n-butylphthalate

Concen: 41.63 ng

RT: 11.92 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF093761.D

Acq: 20 Mar 2017 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1762394

Ion Ratio Lower Upper

149 100

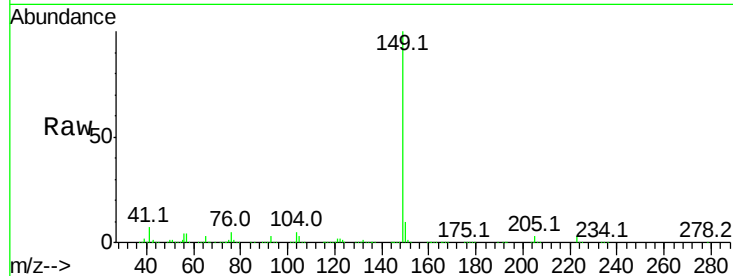
150 9.5 7.7 11.5

104 4.9 4.0 6.0

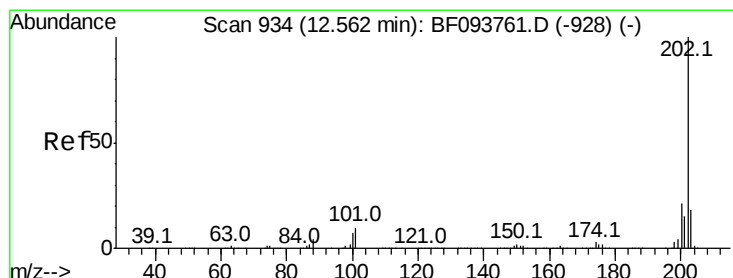
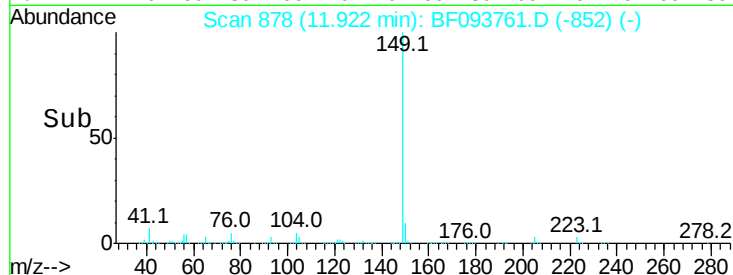
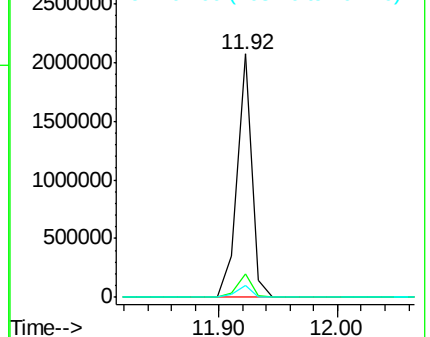
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.69 ng

RT: 12.56 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF093761.D

Acq: 20 Mar 2017 12:44

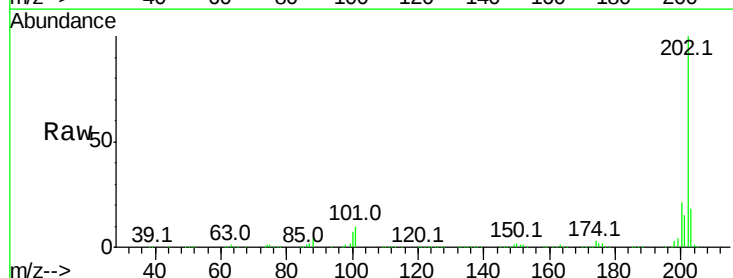
Tgt Ion:202 Resp: 1672485

Ion Ratio Lower Upper

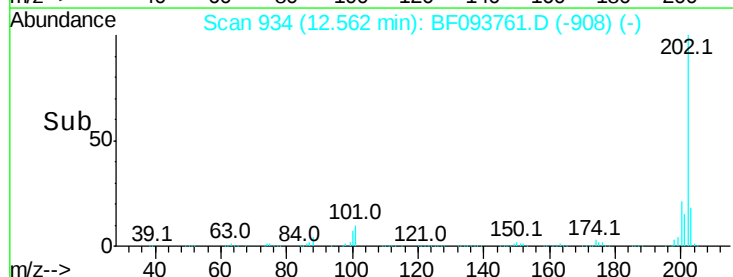
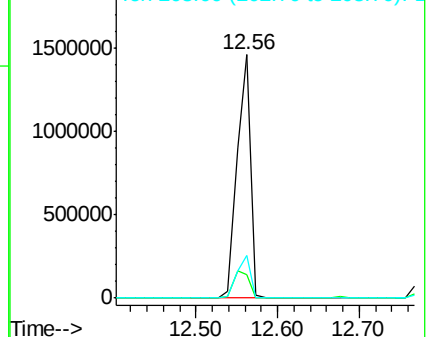
202 100

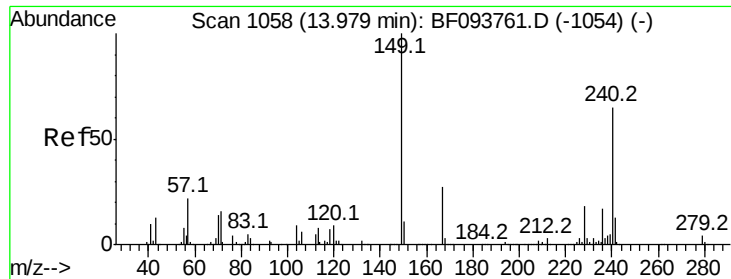
101 9.6 0.0 33.2

203 17.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BF093761.D

Acq: 20 Mar 2017 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:240 Resp: 506940

Ion Ratio Lower Upper

240 100

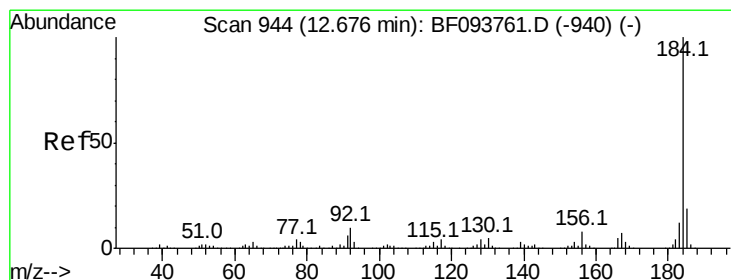
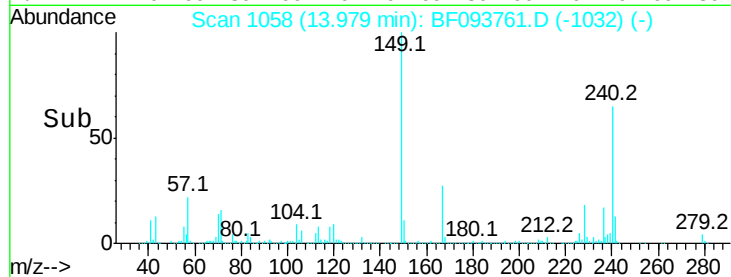
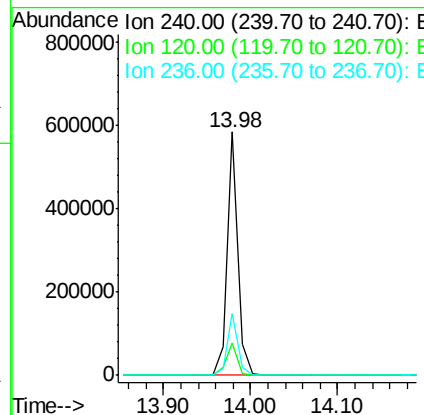
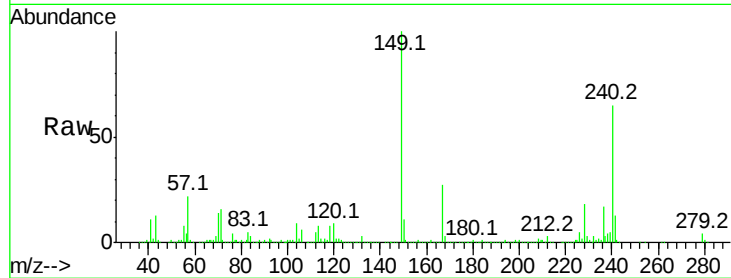
120 13.3 5.8 8.8#

236 25.6 20.5 30.7

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#76

Benzidine

Concen: 44.94 ng

RT: 12.68 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF093761.D

Acq: 20 Mar 2017 12:44

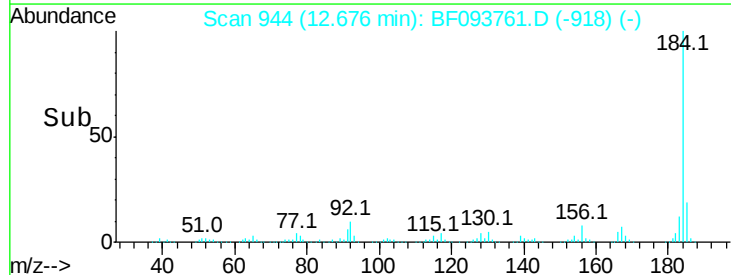
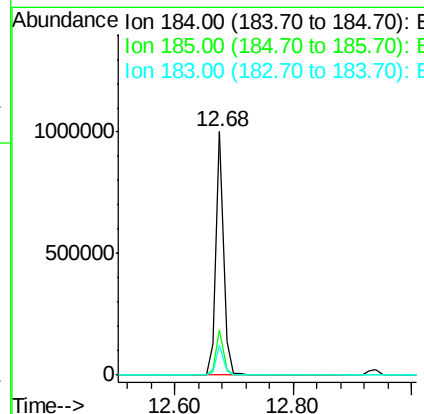
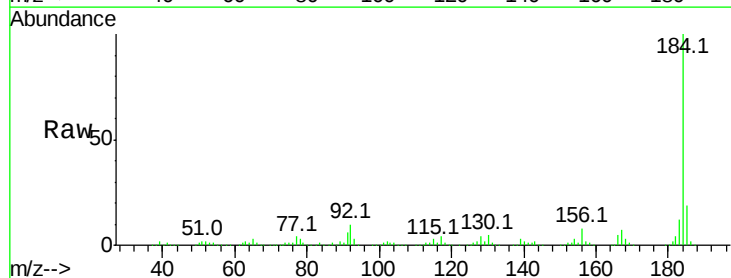
Tgt Ion:184 Resp: 890153

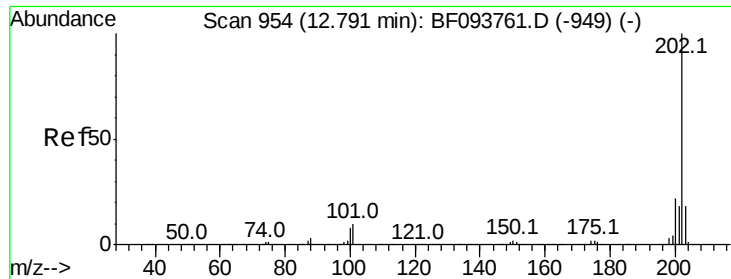
Ion Ratio Lower Upper

184 100

185 18.6 15.5 23.3

183 12.4 9.8 14.6





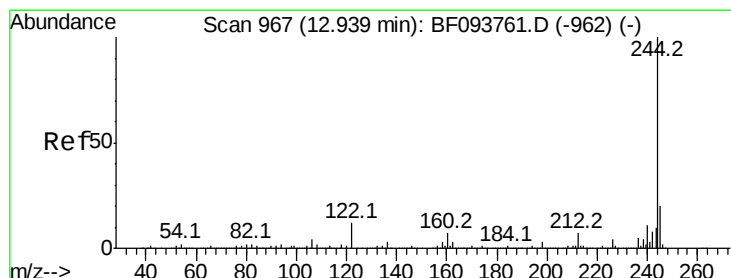
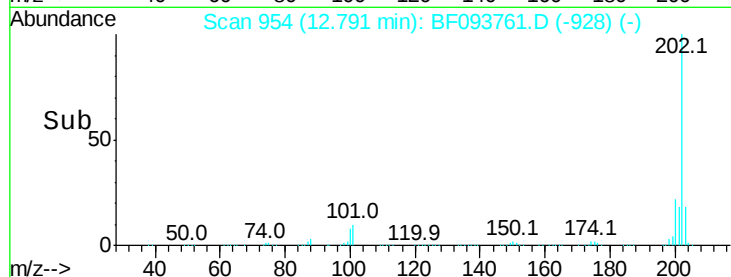
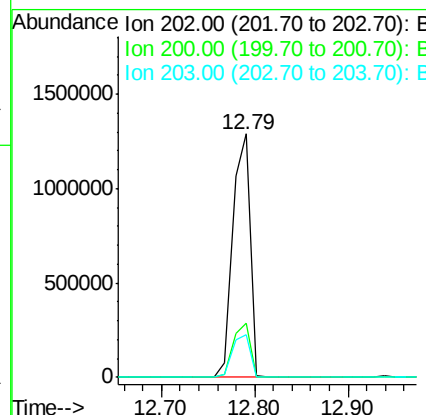
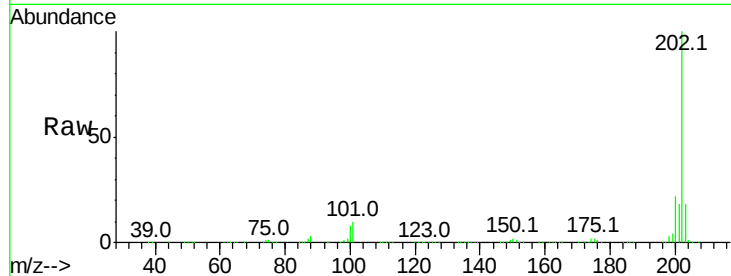
#77
Pvrene
Concen: 38.96 ng
RT: 12.79 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:202 Resp: 1679677
Ion Ratio Lower Upper
202 100
200 22.1 17.6 26.4
203 17.6 14.4 21.6

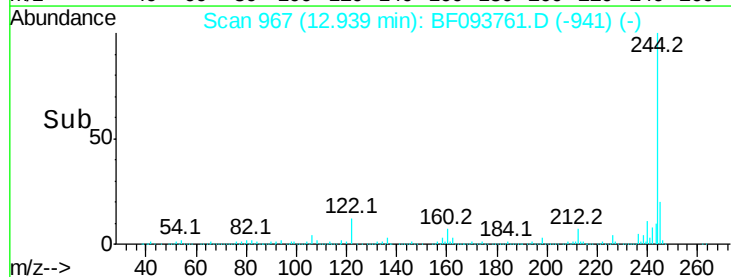
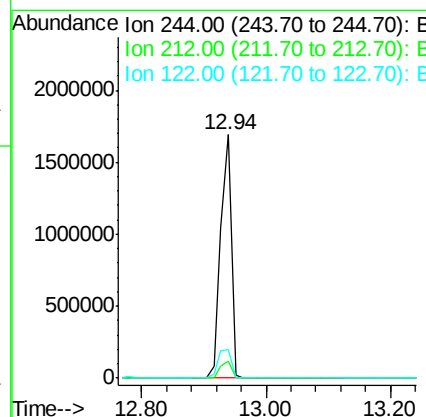
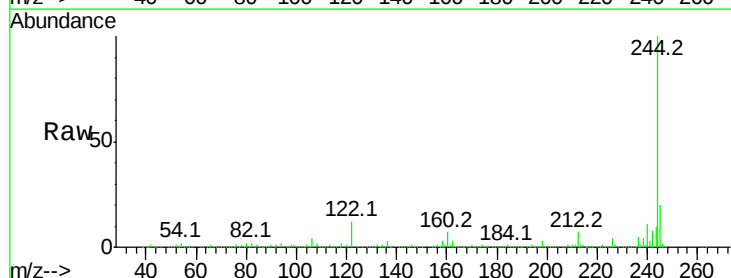
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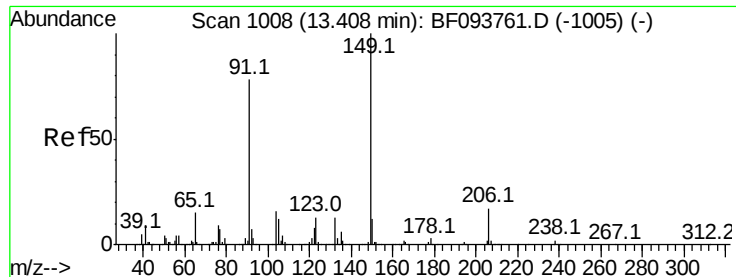
mohammad
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#78
Terphenyl-d14
Concen: 83.20 ng
RT: 12.94 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Tgt Ion:244 Resp: 1959543
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 11.6 10.3 15.5





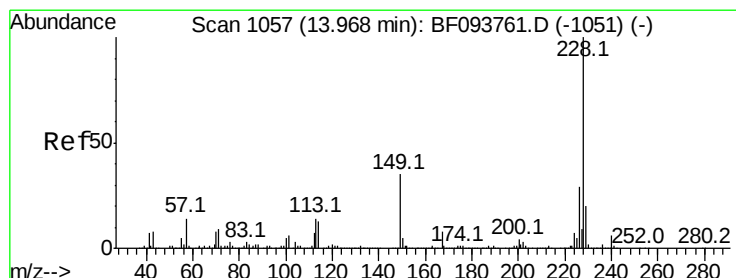
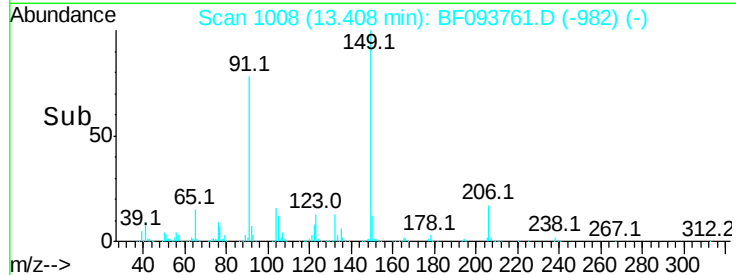
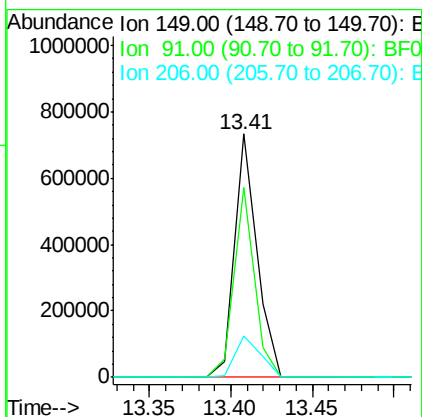
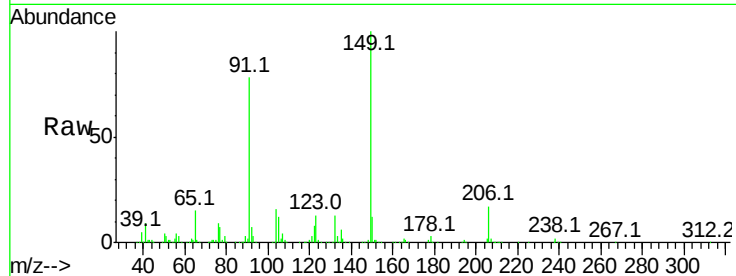
#79
Butylbenzylphthalate
Concen: 37.60 ng
RT: 13.41 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	688655		
91	78.0	45.0	67.4#	
206	16.8	17.0	25.6#	

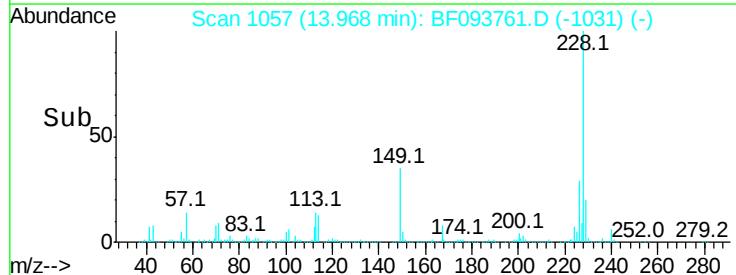
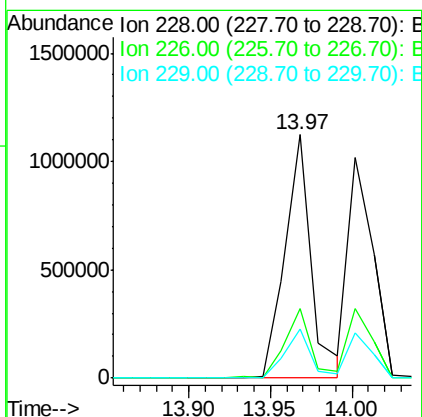
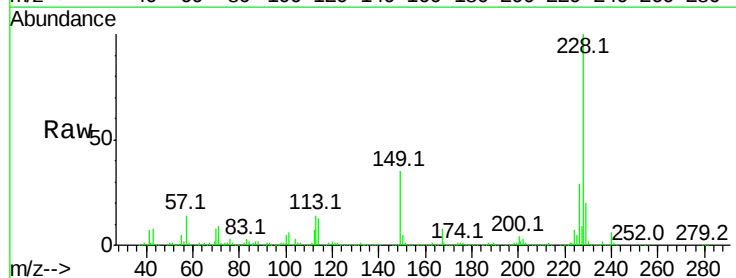
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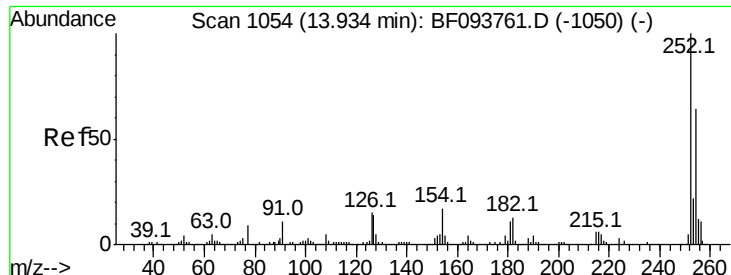
mohammad
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#80
Benzo(a)anthracene
Concen: 38.94 ng
RT: 13.97 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1266861		
226	28.5	22.6	33.8	
229	20.2	16.3	24.5	





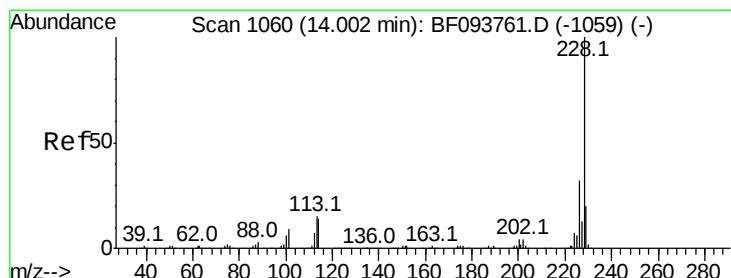
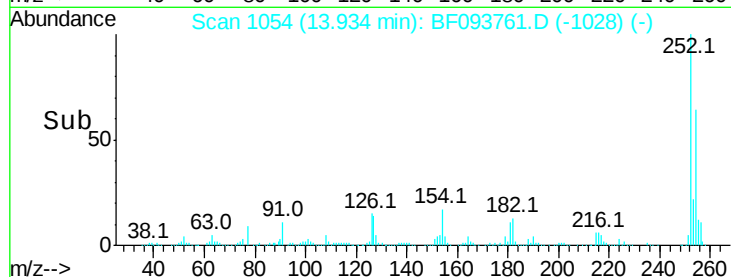
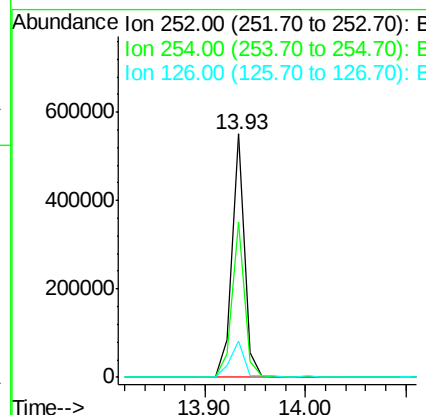
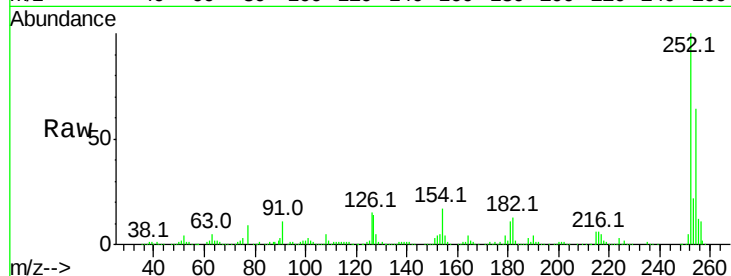
#81
 3,3'-Dichlorobenzidine
 Concen: 42.13 ng
 RT: 13.93 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF093761.D
 Acq: 20 Mar 2017 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	480882		
254	64.0		51.5	77.3
126	14.8		15.8	23.8

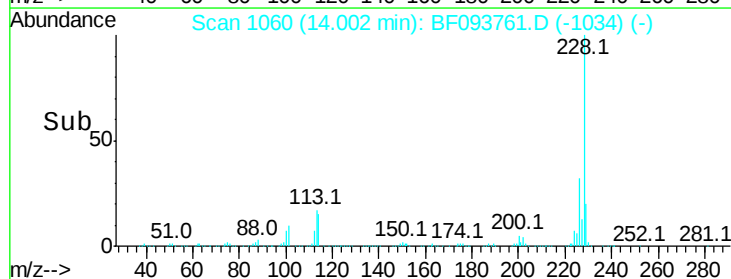
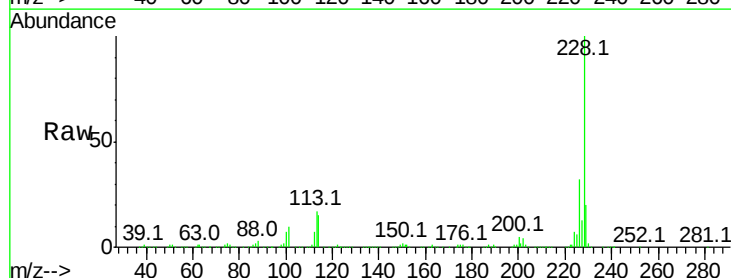
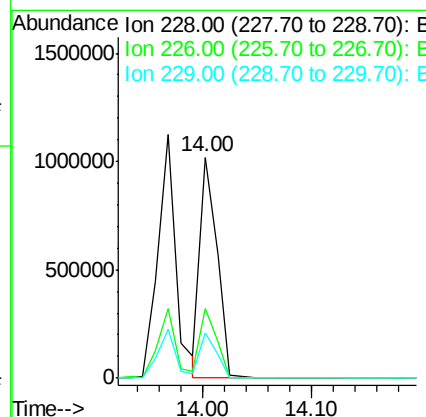
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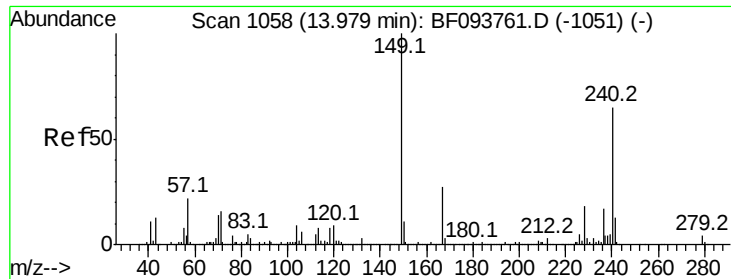
mohammad
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#82
 Chrysene
 Concen: 35.31 ng
 RT: 14.00 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BF093761.D
 Acq: 20 Mar 2017 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1110397		
226	31.6		24.9	37.3
229	20.2		15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.71 ng

RT: 13.98 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BF093761.D

Acq: 20 Mar 2017 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 920455

Ion Ratio Lower Upper

149 100

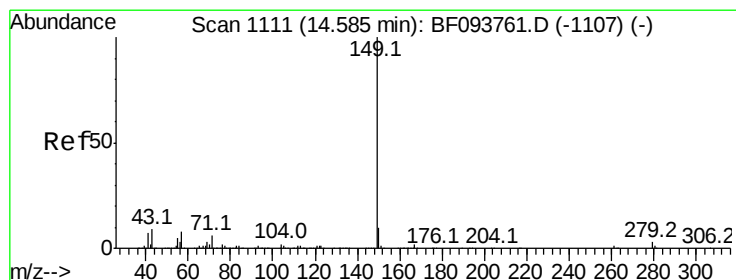
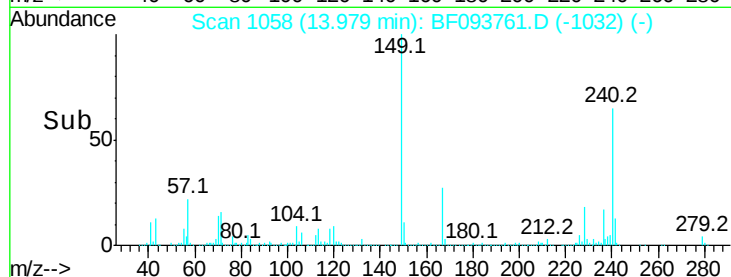
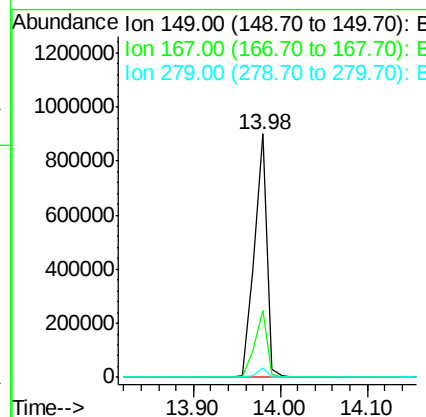
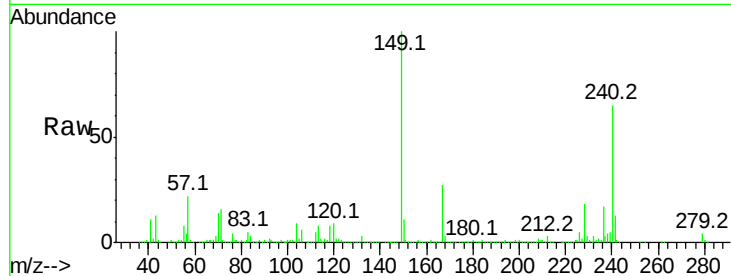
167 27.5 21.0 31.4

279 3.7 1.9 2.9#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 45.87 ng

RT: 14.59 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BF093761.D

Acq: 20 Mar 2017 12:44

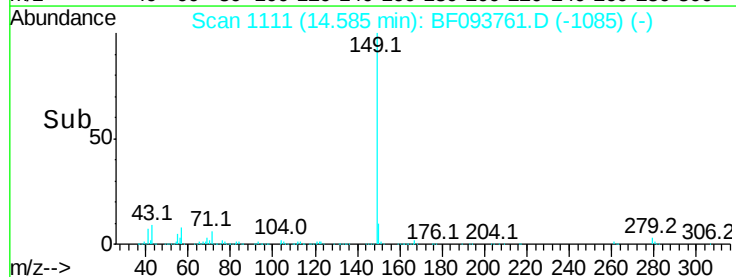
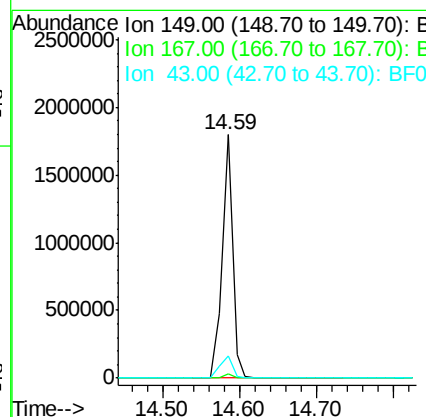
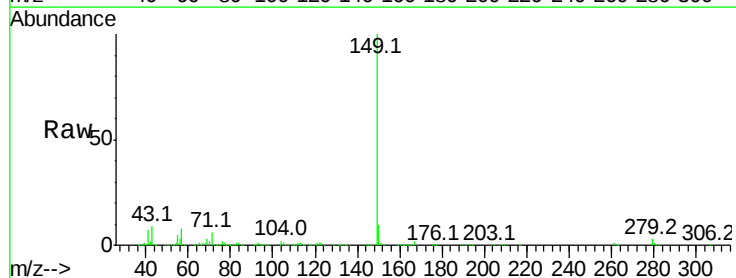
Tgt Ion:149 Resp: 1702870

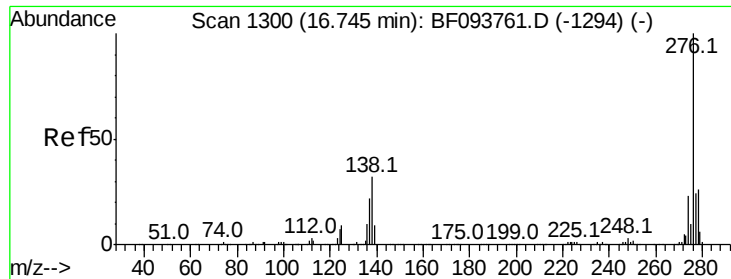
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.6 8.5 12.7





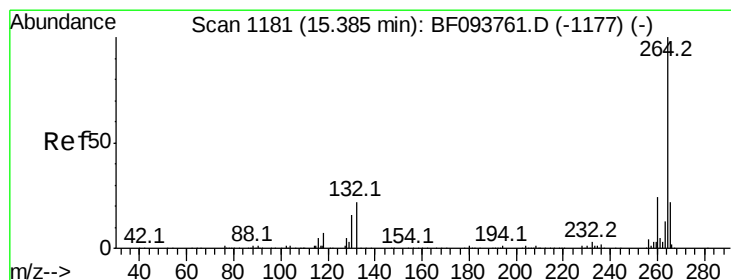
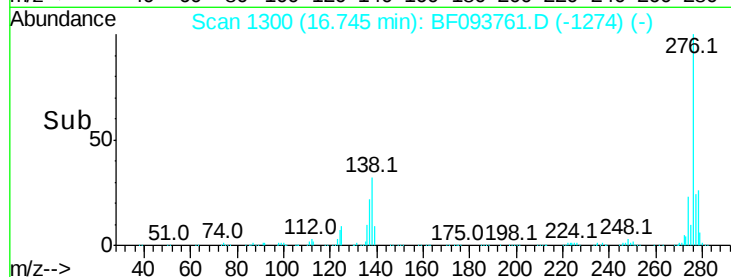
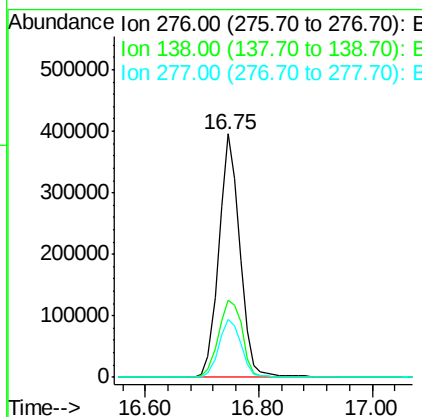
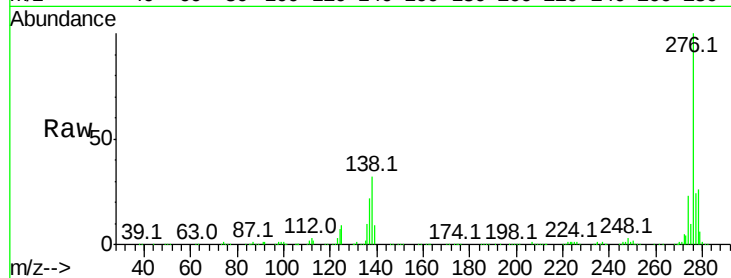
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.38 ng
 RT: 16.75 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF093761.D
 Acq: 20 Mar 2017 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.9	27.8	41.6
277	25.6	20.2	30.4

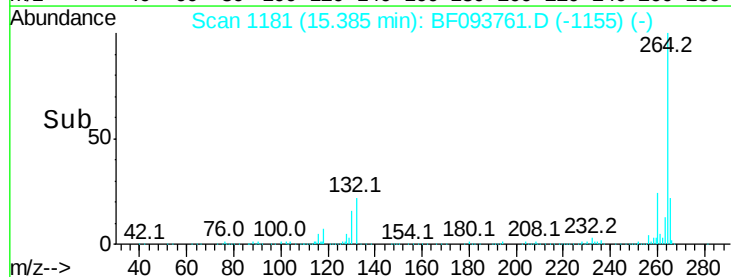
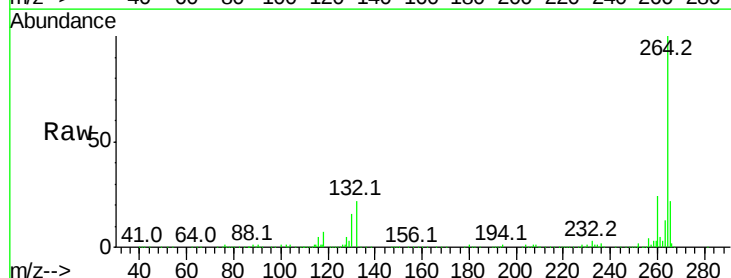
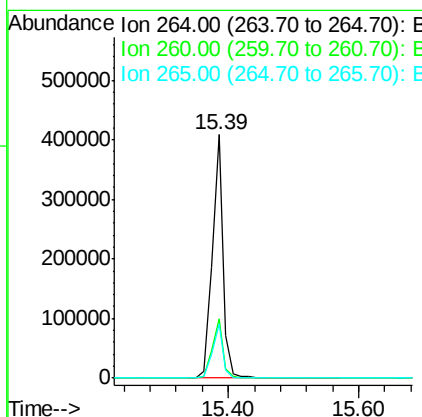
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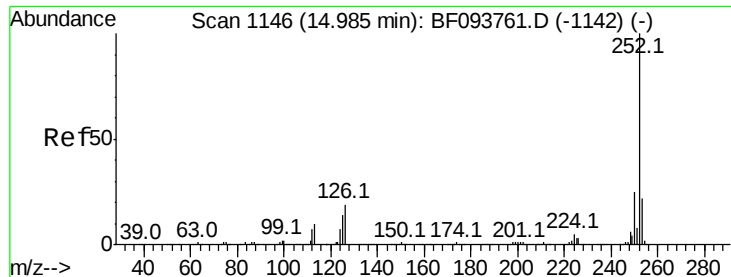
mohammad
 3/21/2017 2:44:55 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF093761.D
 Acq: 20 Mar 2017 12:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 36.71 ng

RT: 14.99 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF093761.D

Acq: 20 Mar 2017 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:252 Resp: 1114019

Ion Ratio Lower Upper

252 100

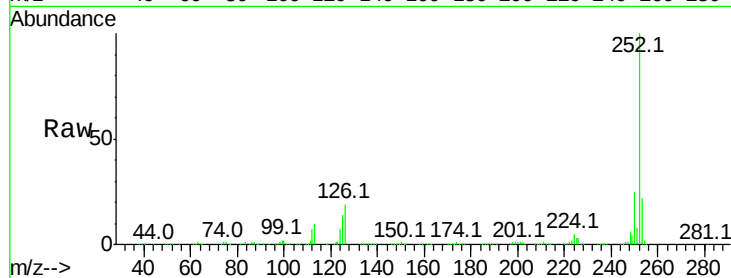
253 22.1 18.1 27.1

125 13.9 9.8 14.8

Manual Integrations
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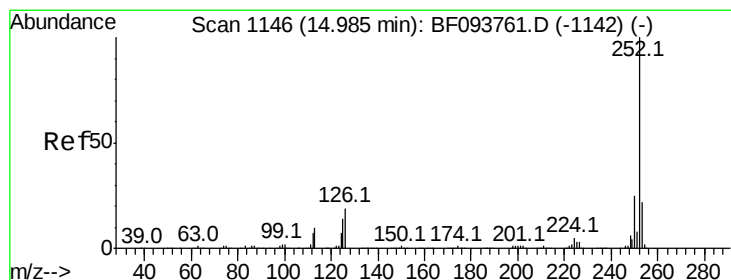
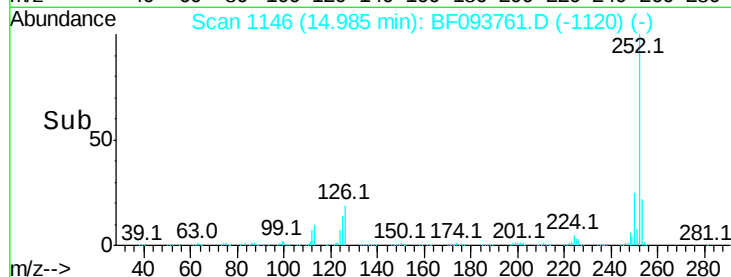
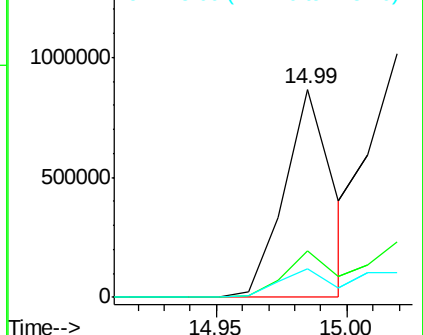
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.45 ng m

RT: 15.02 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF093761.D

Acq: 20 Mar 2017 12:44

Tgt Ion:252 Resp: 1165403

Ion Ratio Lower Upper

252 100

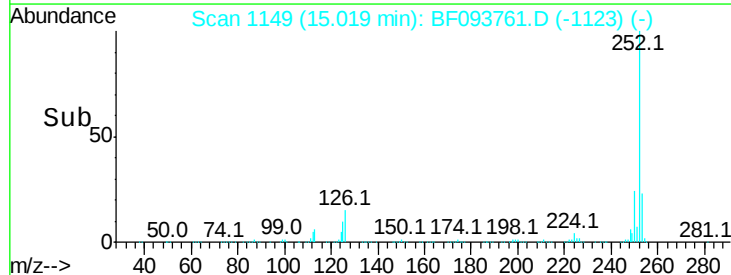
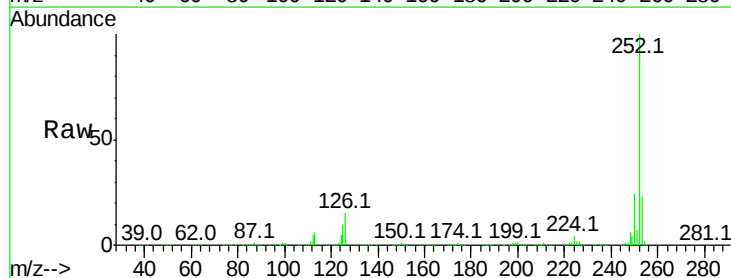
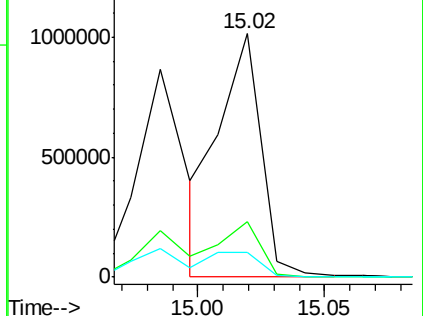
253 22.6 18.4 27.6

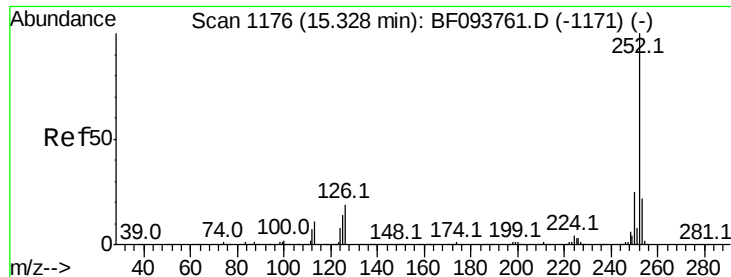
125 10.1 13.1 19.7#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





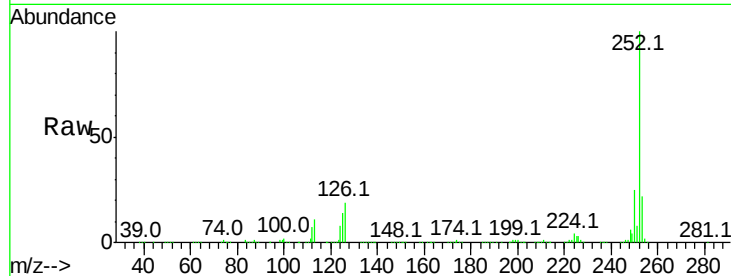
#89
Benzo(a)pyrene
Concen: 38.89 ng
RT: 15.33 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

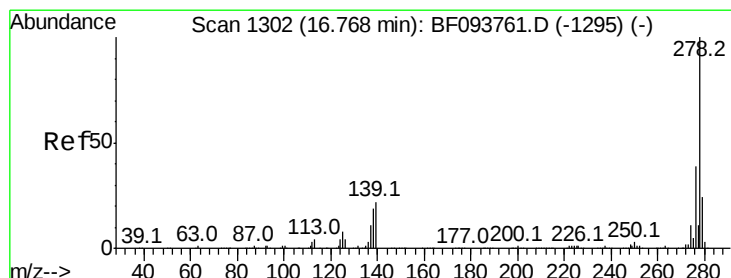
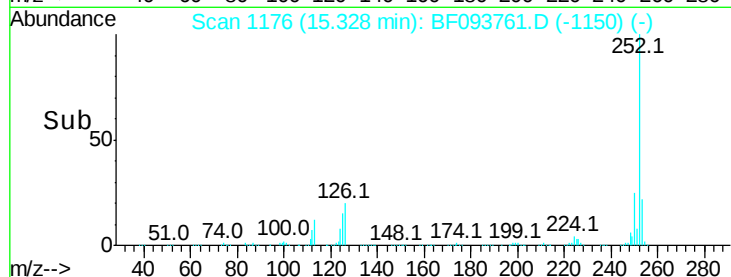
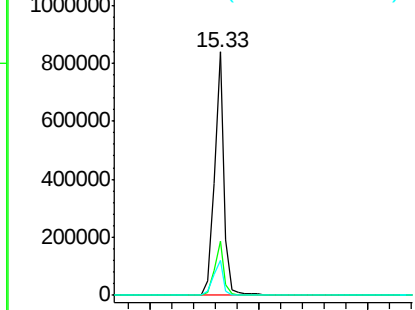
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	14.2	11.0	16.4

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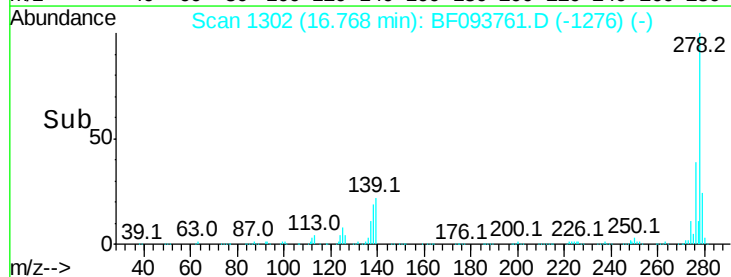
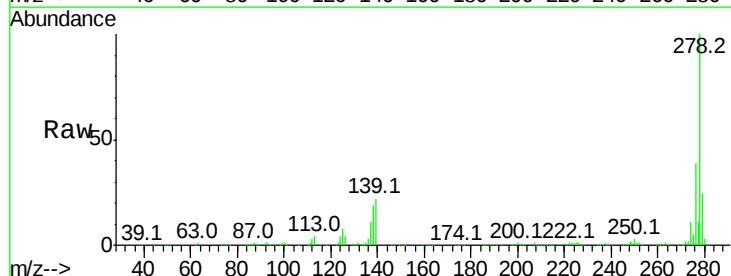
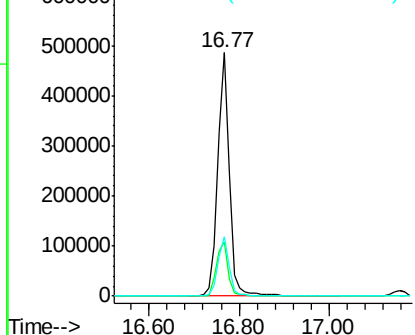
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

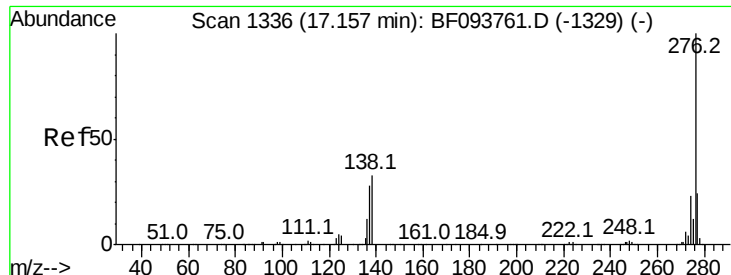


#90
Dibenzo(a,h)anthracene
Concen: 38.96 ng
RT: 16.77 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF093761.D
Acq: 20 Mar 2017 12:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.1	16.6	24.8
279	24.3	19.3	28.9

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 37.83 ng
 RT: 17.16 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BF093761.D
 Acq: 20 Mar 2017 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	33.0	25.4	38.0

Manual Integrations
 APPROVED

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