

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031117\
 Data File : BF093583.D
 Acq On : 11 Mar 2017 22:33
 Operator : SJ/MA
 Sample : I2106-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB419AMS

Manual Integrations
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mohammad
 3/15/2017 5:33:02 PM

Quant Time: Mar 13 19:21:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	163727	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	321234	20.00	ng	0.01
38) Acenaphthene-d10	9.81	164	128764	20.00	ng	0.05
63) Phenanthrene-d10	11.28	188	236695	20.00	ng	0.03
75) Chrysene-d12	13.89	240	321844	20.00	ng	0.00
86) Perylene-d12	15.28	264	266408	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1362423	138.49	ng	0.00
7) Phenol-d6	6.39	99	1583094	127.61	ng	0.01
23) Nitrobenzene-d5	7.30	82	822887	142.13	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	121157	144.42	ng	0.06
44) 2-Fluorobiphenyl	9.11	172	783058	113.12	ng	0.02
78) Terphenyl-d14	12.84	244	766033	61.88	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.23	88	201140	37.12	ng	# 82
3) Pyridine	2.92	79	472113	34.17	ng	89
4) n-Nitrosodimethylamine	2.87	42	271833	41.20	ng	82
6) Aniline	6.40	93	168243	9.88	ng	# 1
8) 2-Chlorophenol	6.52	128	452350	41.04	ng	91
9) Benzaldehyde	6.28	77	98013	9.59	ng	84
10) Phenol	6.41	94	745627	49.05	ng	# 75
11) bis(2-Chloroethyl)ether	6.47	93	522317	42.51	ng	95
12) 1,3-Dichlorobenzene	6.66	146	478197m	37.90	ng	
13) 1,4-Dichlorobenzene	6.74	146	494788	38.31	ng	99
14) 1,2-Dichlorobenzene	6.89	146	403262m	35.25	ng	
15) Benzyl Alcohol	6.89	79	336655	38.07	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	721000	35.33	ng	76
17) 2-Methylphenol	7.02	107	337567	36.21	ng	# 88
18) Hexachloroethane	7.22	117	160886	36.93	ng	# 88
19) n-Nitroso-di-n-propylamine	7.16	70	424569	49.78	ng	# 92
20) 3+4-Methylphenols	7.18	107	481055	39.79	ng	# 75
22) Acetophenone	7.14	105	578097	74.78	ng	# 95
24) Nitrobenzene	7.33	77	403071	61.94	ng	# 82
25) Isophorone	7.57	82	1020277	87.39	ng	# 80
26) 2-Nitrophenol	7.65	139	199878	67.33	ng	# 30
27) 2,4-Dimethylphenol	7.69	122	349469	72.36	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	482968	65.53	ng	# 53
29) 2,4-Dichlorophenol	7.91	162	506673	111.52	ng	# 81
30) 1,2,4-Trichlorobenzene	7.97	180	258314	53.46	ng	# 95
31) Naphthalene	8.05	128	1128289	70.09	ng	# 85
32) Benzoic acid	7.83	122	125997	50.21	ng	# 39
33) 4-Chloroaniline	8.12	127	105890	16.21	ng	# 30
34) Hexachlorobutadiene	8.16	225	150219	60.36	ng	98
35) Caprolactam	8.47	113	356383	229.68	ng	# 1
36) 4-Chloro-3-methylphenol	8.62	107	234003	48.25	ng	94
37) 2-Methylnaphthalene	8.76	142	494026	48.23	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	170932	48.61	ng	# 87
40) Hexachlorocyclopentadiene	8.90	237	13120	24.64	ng	96

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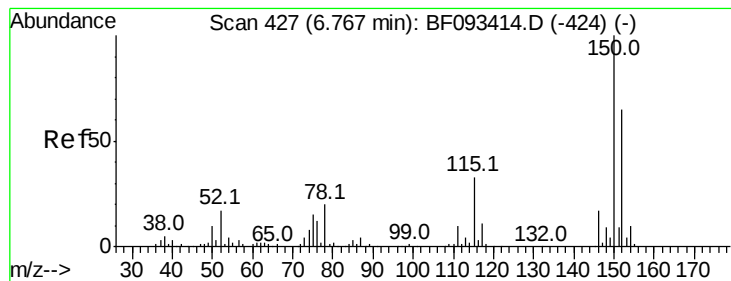
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	104888	47.75	nq	88
43) 2,4,5-Trichlorophenol	9.10	196	97624	41.42	nq #	1
45) 1,1'-Biphenyl	9.21	154	432254	46.08	nq	93
46) 2-Chloronaphthalene	9.25	162	392906	54.72	nq #	82
47) 2-Nitroaniline	9.35	65	109043	42.96	nq #	70
48) Acenaphthylene	9.67	152	458865	38.75	nq #	68
49) Dimethylphthalate	9.52	163	238030	27.88	nq #	70
50) 2,6-Dinitrotoluene	9.60	165	102830	54.90	nq #	34
51) Acenaphthene	9.84	154	430838	61.53	nq #	76
52) 3-Nitroaniline	9.76	138	111686	49.63	nq #	70
53) 2,4-Dinitrophenol	9.89	184	2465	2.89	nq #	1
54) Dibenzofuran	10.01	168	479691	54.73	nq #	45
55) 4-Nitrophenol	10.01	139	368111	336.78	nq #	39
56) 2,4-Dinitrotoluene	10.04	165	137587	59.79	nq #	81
57) Fluorene	10.36	166	592729	79.81	nq #	86
58) 2,3,4,6-Tetrachlorophenol	10.15	232	48669	29.26	nq #	1
59) Diethylphthalate	10.22	149	256090	31.39	nq #	88
60) 4-Chlorophenyl-phenylether	10.34	204	126525	38.01	nq #	65
61) 4-Nitroaniline	10.39	138	58842m	25.57	nq	
62) Azobenzene	10.50	77	296075	31.94	nq #	34
64) 4,6-Dinitro-2-methylphenol	10.45	198	7475	4.87	nq #	1
65) n-Nitrosodiphenylamine	10.47	169	720861	91.21	nq #	62
66) 4-Bromophenyl-phenylether	10.82	248	100190	40.03	nq #	58
67) Hexachlorobenzene	10.93	284	66788	27.94	nq #	40
68) Atrazine	11.00	200	132171	57.14	nq #	75
69) Pentachlorophenol	11.11	266	63184	76.57	nq	97
70) Phenanthrene	11.31	178	1612313	119.34	nq #	95
71) Anthracene	11.36	178	557751	40.81	nq #	87
72) Carbazole	11.52	167	424842	33.09	nq #	86
73) Di-n-butylphthalate	11.83	149	684183	46.06	nq	99
74) Fluoranthene	12.48	202	832081	63.76	nq	96
76) Benzidine	12.60	184	96199	9.09	nq #	75
77) Pyrene	12.70	202	982846	41.99	nq	98
79) Butylbenzylphthalate	13.31	149	379315	38.50	nq #	85
80) Benzo(a)anthracene	13.88	228	757117	39.83	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	163705	24.59	nq #	97
82) Chrysene	13.91	228	629967	35.82	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	549621	40.02	nq	99
84) Di-n-octyl phthalate	14.47	149	873293	38.15	nq	99
85) Indeno(1,2,3-cd)pyrene	16.63	276	598928	40.69	nq	95
87) Benzo(b)fluoranthene	14.89	252	653490m	40.28	nq	
88) Benzo(k)fluoranthene	14.92	252	611130m	39.06	nq	
89) Benzo(a)pyrene	15.24	252	617262	41.63	nq	99
90) Dibenzo(a,h)anthracene	16.63	278	508043	41.41	nq #	94
91) Benzo(g,h,i)perylene	17.04	276	500040	39.71	nq #	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 423

Delta R.T. 0.00 min

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BNA_F

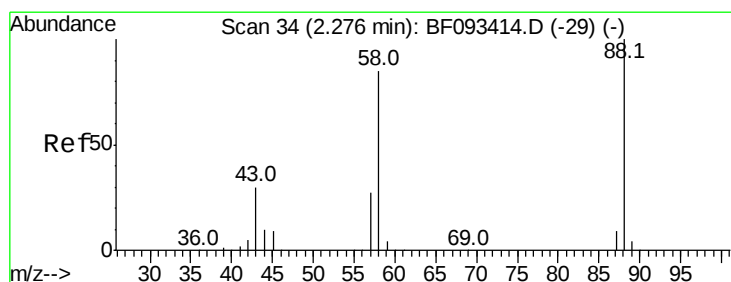
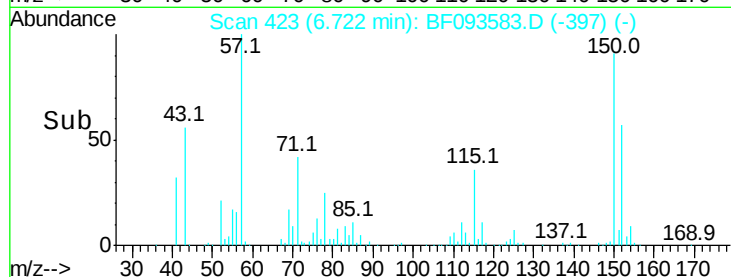
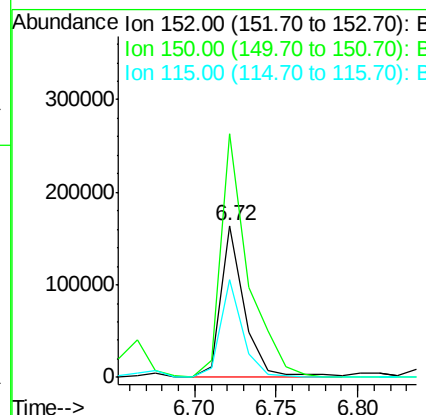
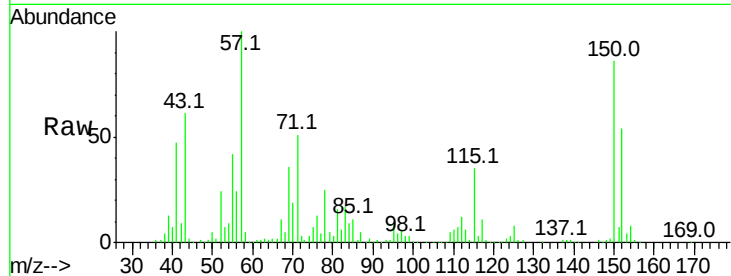
ClientSampleId :

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Tot Ion:	152	Resp:	163727
Ion Ratio	Lower	Upper	
152	100		
150	160.5	124.9	187.3
115	64.3	46.0	69.0

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#2

1,4-Dioxane

Concen: 37.12 ng

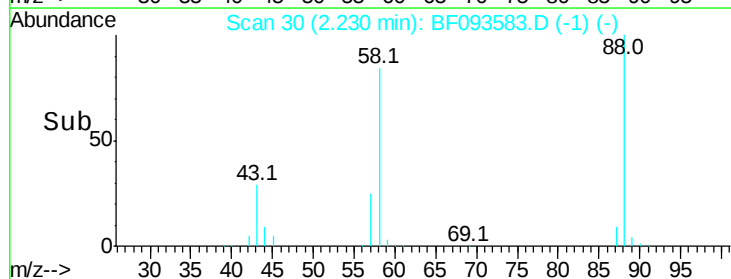
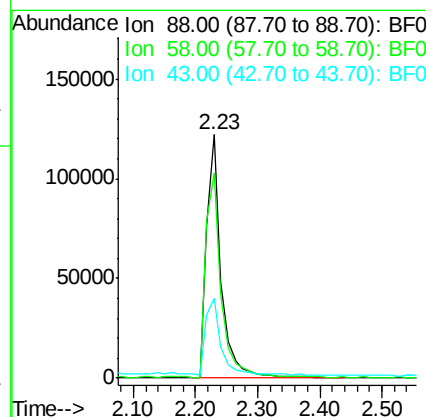
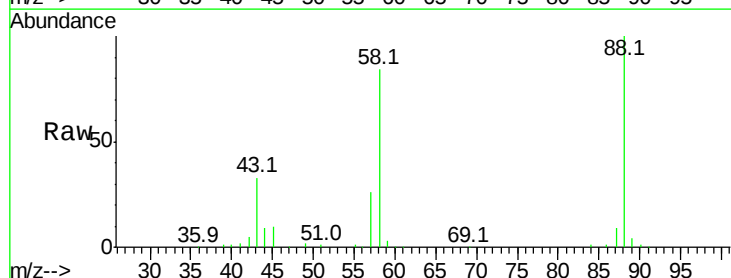
RT: 2.23 min Scan# 30

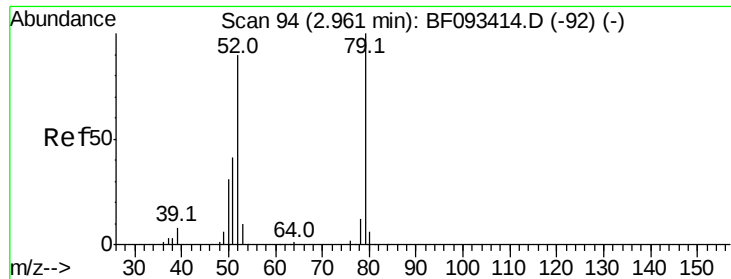
Delta R.T. 0.05 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Tgt Ion:	88	Resp:	201140
Ion Ratio	Lower	Upper	
88	100		
58	88.4	57.8	86.8#
43	35.2	22.3	33.5#





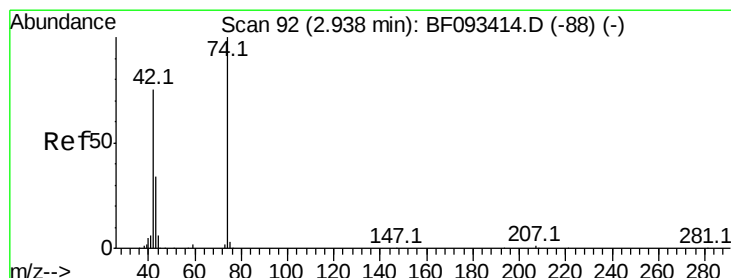
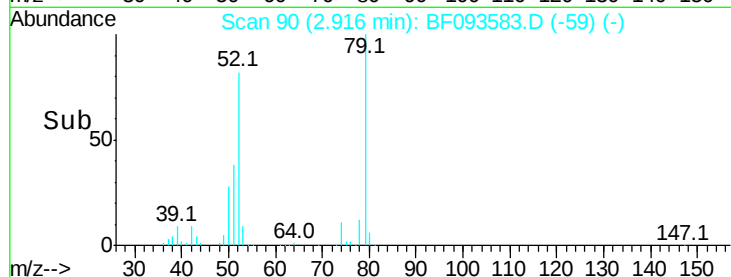
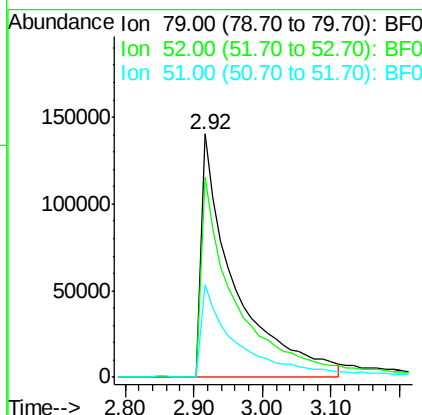
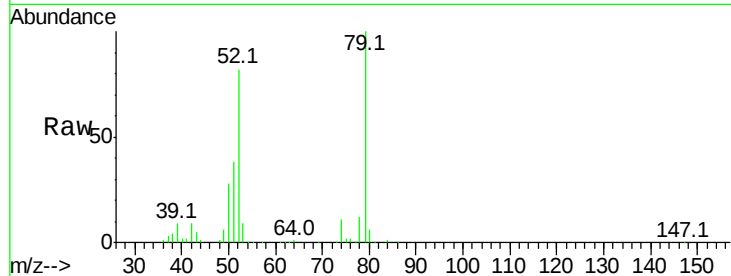
#3
 Pvridine
 Concen: 34.17 ng
 RT: 2.92 min Scan# 90
 Delta R.T. 0.06 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB419AMS

Tot Ion	Ratio	Lower	Upper
79	100		
52	82.4	57.1	85.7
51	38.2	27.3	40.9

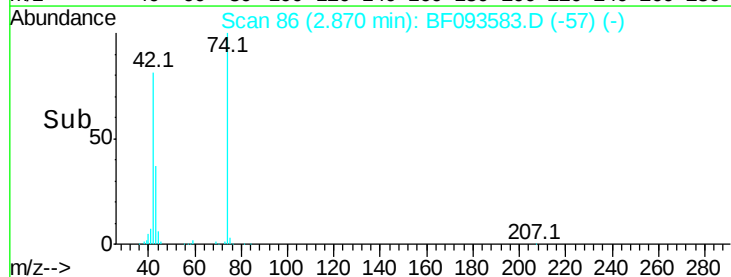
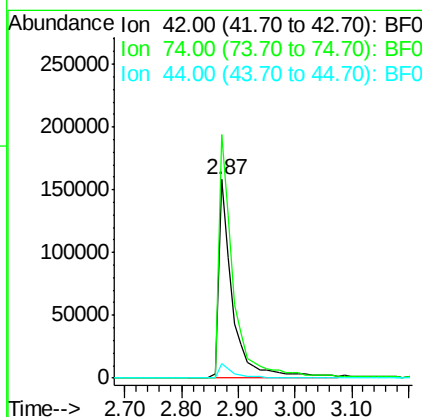
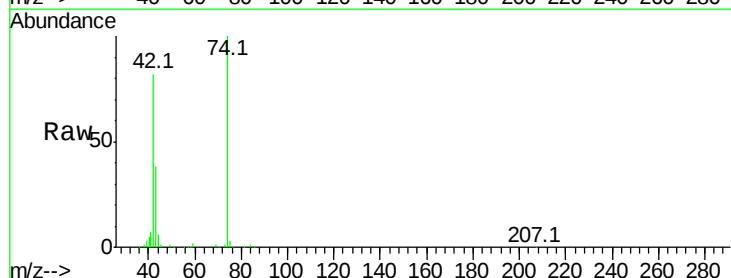
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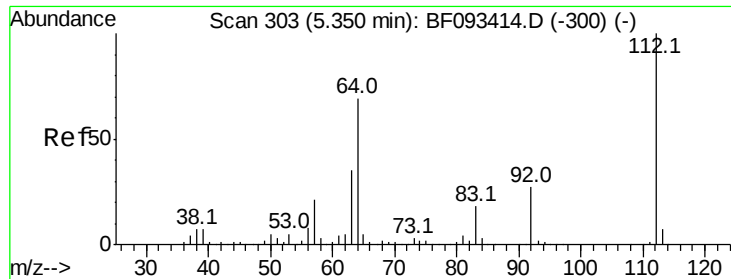
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#4
 n-Nitrosodimethylamine
 Concen: 41.20 ng
 RT: 2.87 min Scan# 86
 Delta R.T. 0.03 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	122.7	117.0	175.4
44	7.5	5.5	8.3





#5

2-Fluorophenol

Concen: 138.49 ng

RT: 5.32 min Scan# 300

Delta R.T. 0.00 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampleId :

HY-SB419AMS

Tot Ion:112 Resp: 1362423

Ion Ratio Lower Upper

112 100

64 73.3 46.1 69.1#

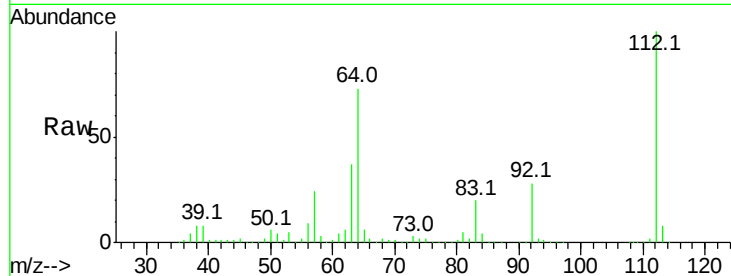
63 37.2 23.8 35.6#

Manual Integrations

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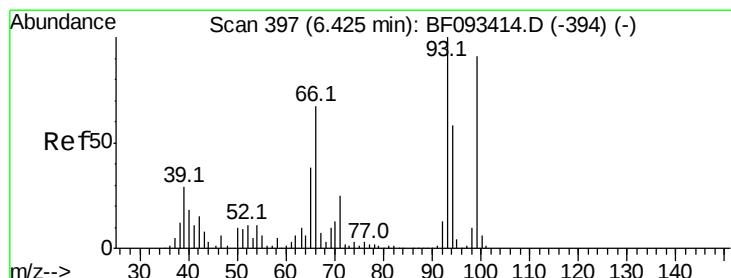
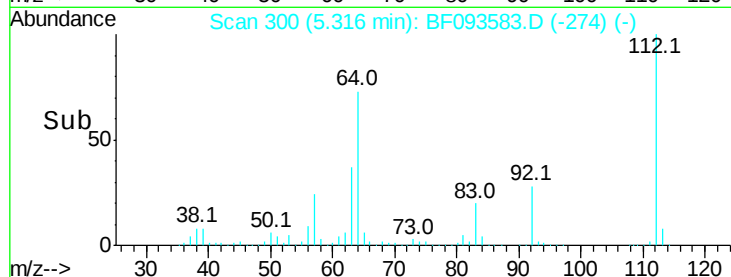
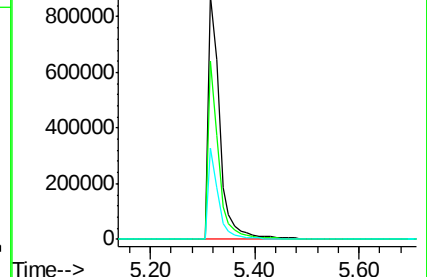
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.88 ng

RT: 6.40 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

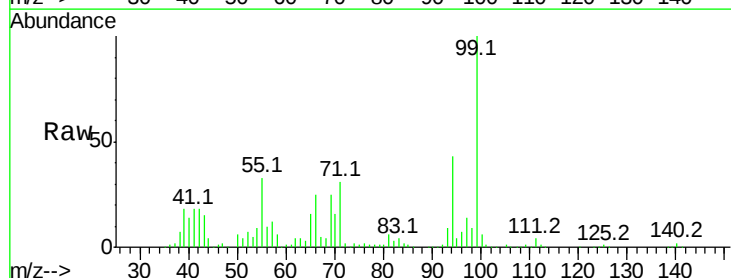
Tgt Ion: 93 Resp: 168243

Ion Ratio Lower Upper

93 100

66 289.3 76.2 114.2#

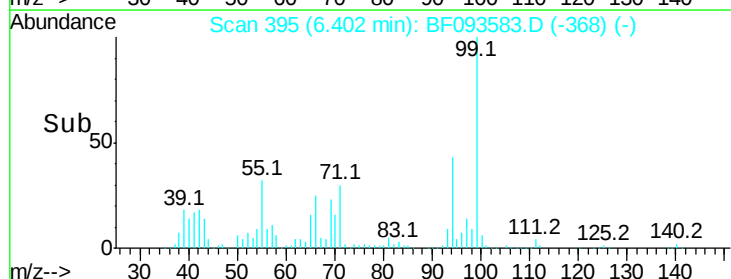
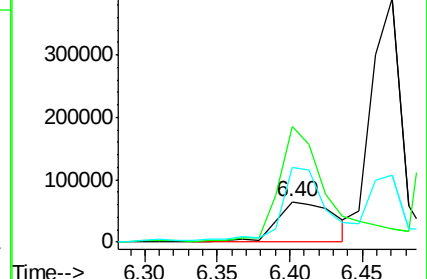
65 184.8 49.3 73.9#

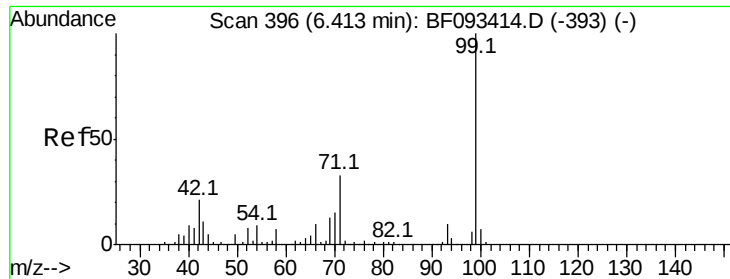


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 127.61 ng

RT: 6.39 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampled :

HY-SB419AMS

Tot Ion: 99 Resp: 1583094

Ion Ratio Lower Upper

99 100

42 22.0 15.6 23.4

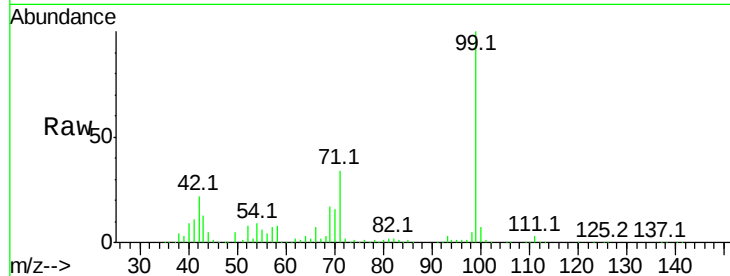
71 34.1 27.5 41.3

Manual Integrations

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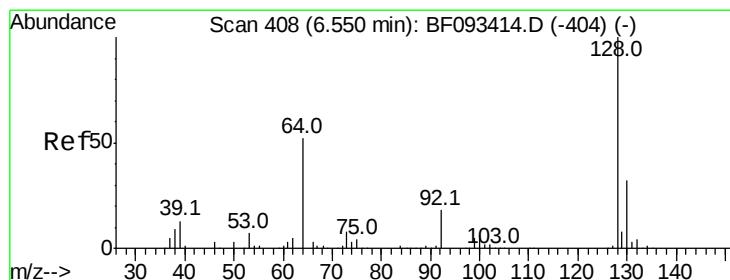
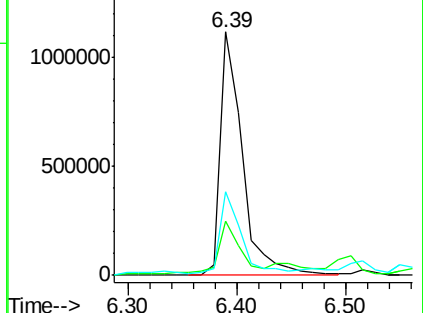
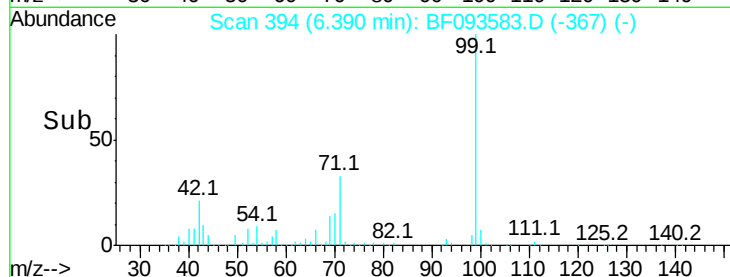
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.04 ng

RT: 6.52 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

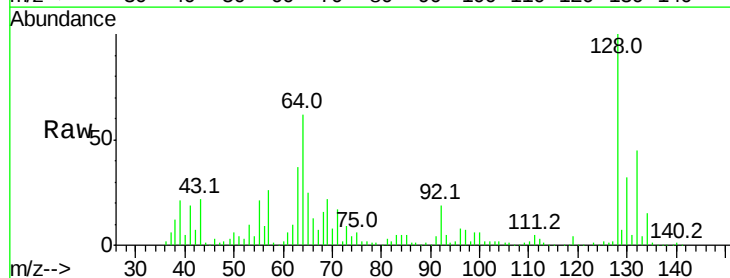
Tgt Ion:128 Resp: 452350

Ion Ratio Lower Upper

128 100

130 31.8 12.3 52.3

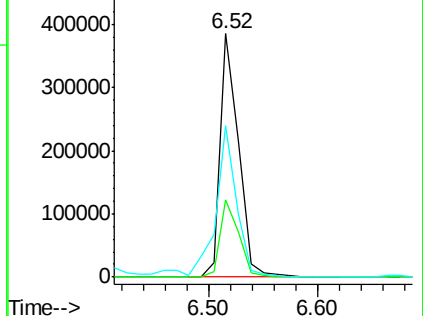
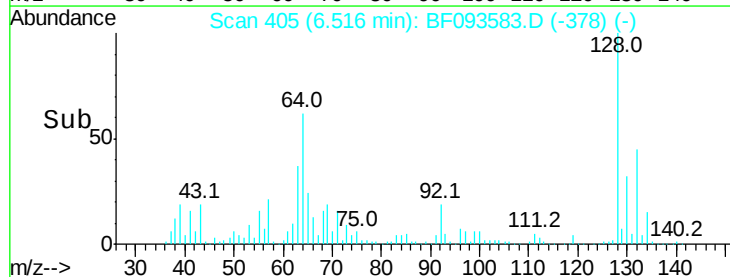
64 62.1 32.2 72.2

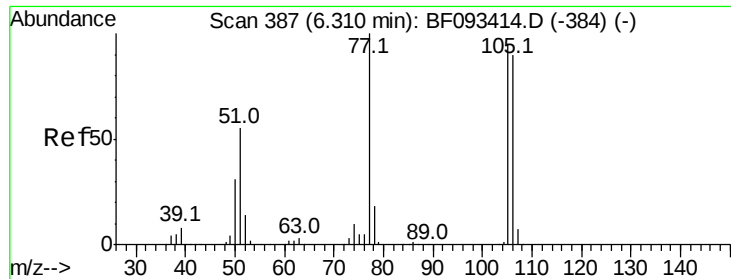


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





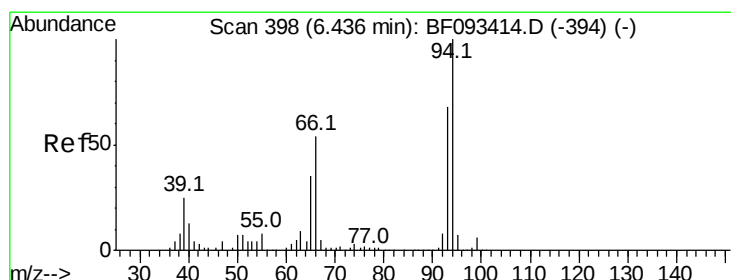
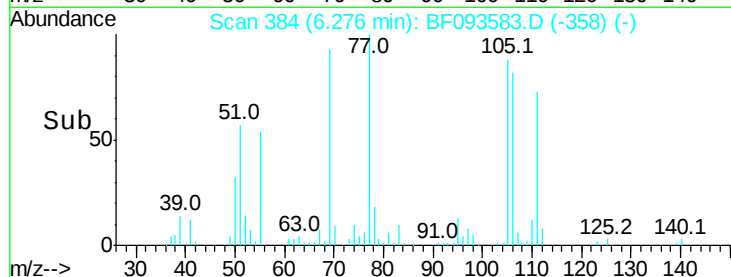
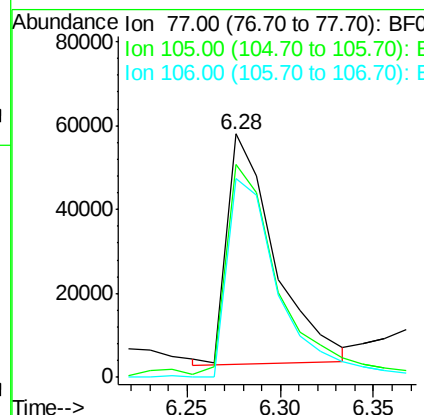
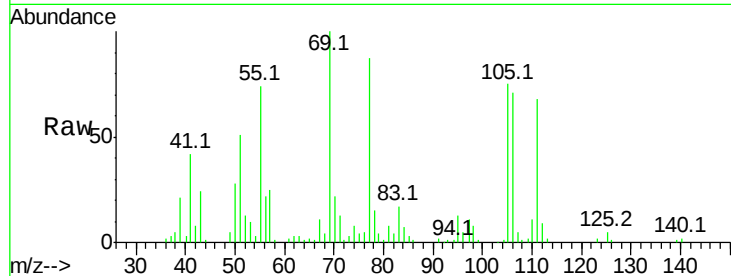
#9
Benzaldehyde
Concen: 9.59 ng
RT: 6.28 min Scan# 384
Delta R.T. 0.00 min
Lab File: BF093583.D
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Instrument :
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ClientSampleId :
HY-SB419AMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	87.2	83.9	123.9
106	81.6	77.6	117.6

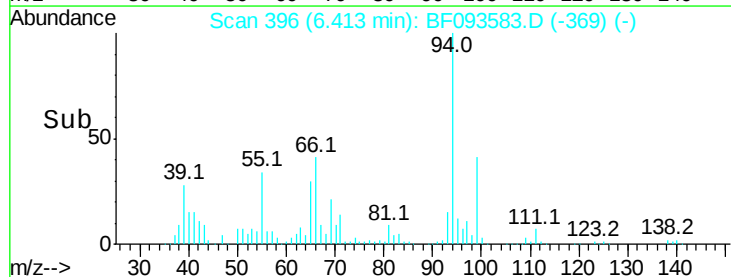
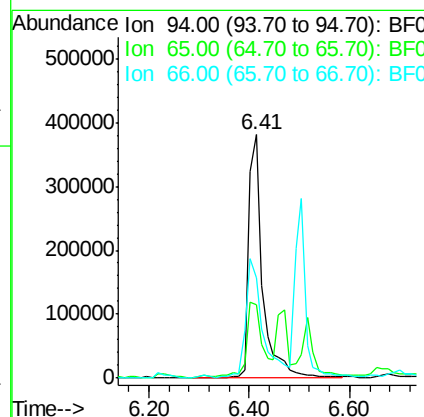
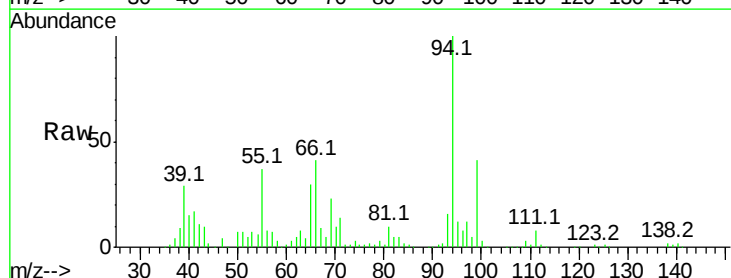
Manual Integrations
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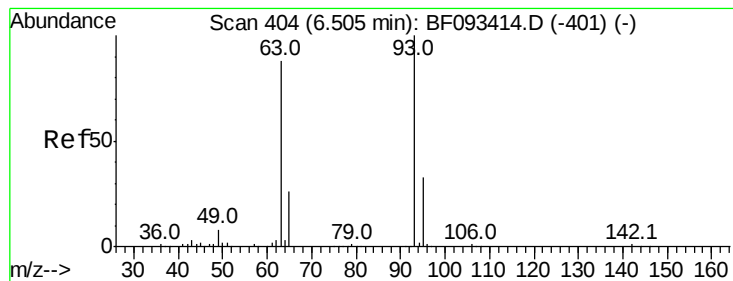
mohammad
3/15/2017 5:33:02 PM



#10
Phenol
Concen: 49.05 ng
RT: 6.41 min Scan# 396
Delta R.T. 0.01 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.3	21.4	61.4
66	41.1	44.0	84.0#





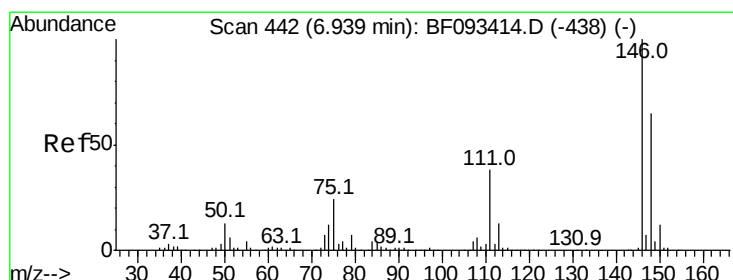
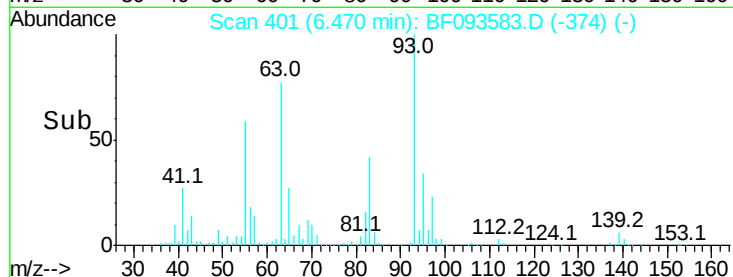
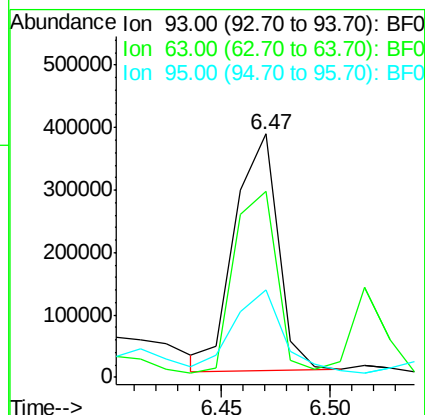
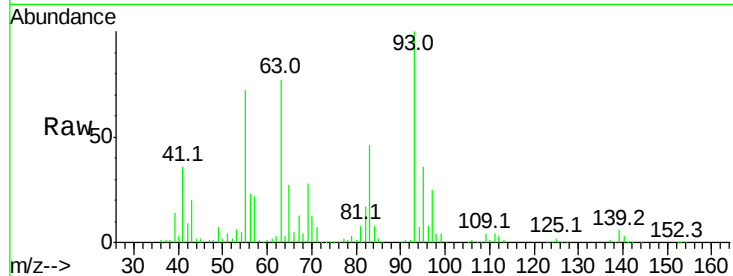
#11
bis(2-Chloroethyl)ether
Concen: 42.51 ng
RT: 6.47 min Scan# 401
Delta R.T. 0.01 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Instrument :
BNA_F
ClientSampleId :
HY-SB419AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.5	60.4	100.4
95	36.2	12.8	52.8

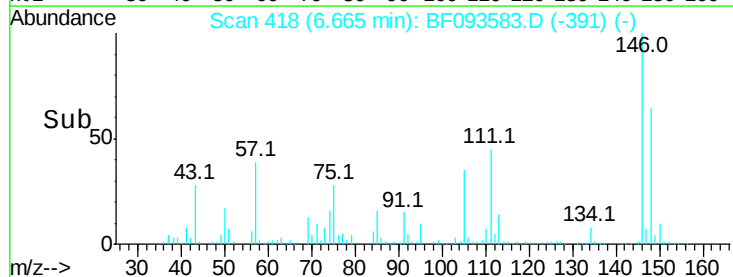
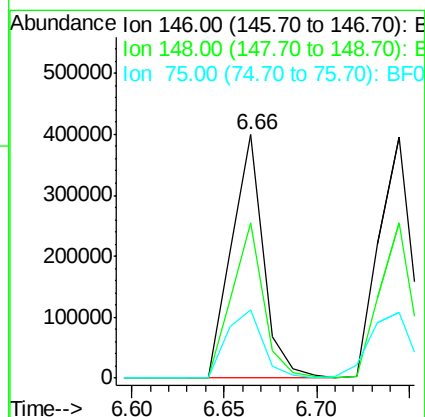
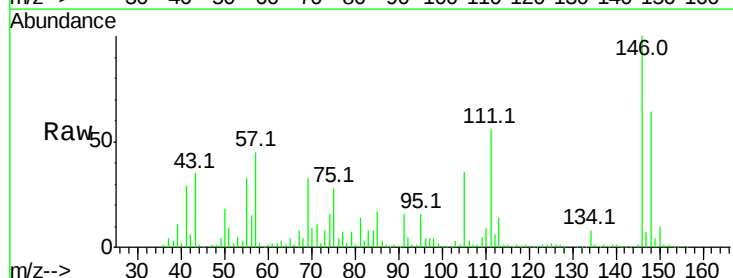
Manual Integrations
APPROVED

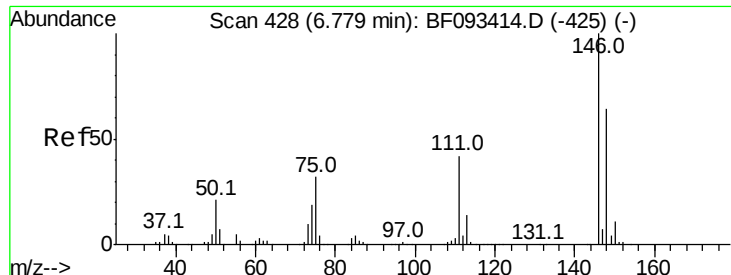
mohammad
3/15/2017 5:33:02 PM



#12
1,3-Dichlorobenzene
Concen: 37.90 ng m
RT: 6.66 min Scan# 418
Delta R.T. 0.01 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	53.4	80.0
75	27.9	18.5	27.7#





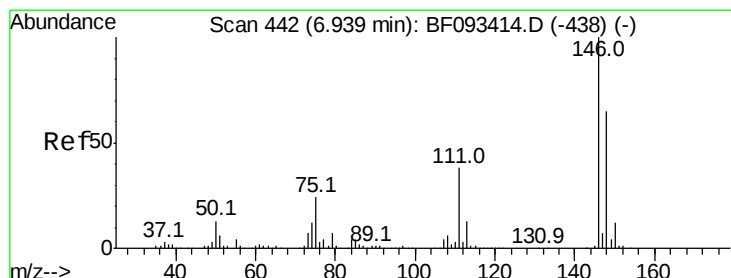
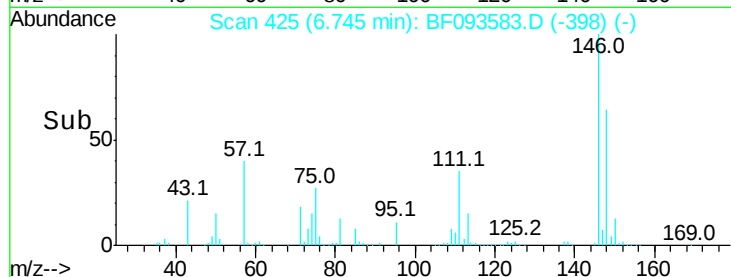
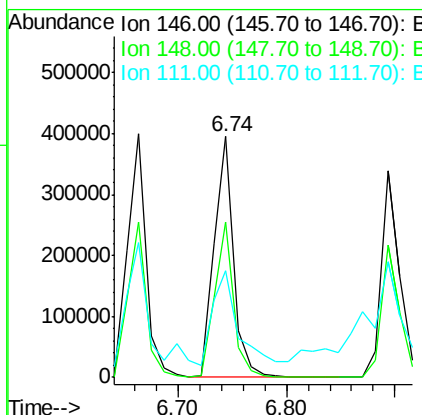
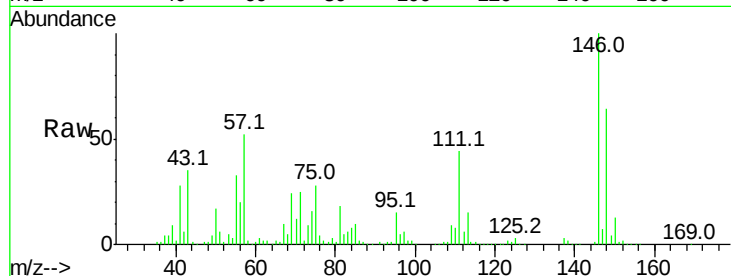
#13
1,4-Dichlorobenzene
Concen: 38.31 ng
RT: 6.74 min Scan# 425
Delta R.T. 0.01 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Instrument :
BNA_F
ClientSampled :
HY-SB419AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	76.0
111	44.1	36.2	54.4

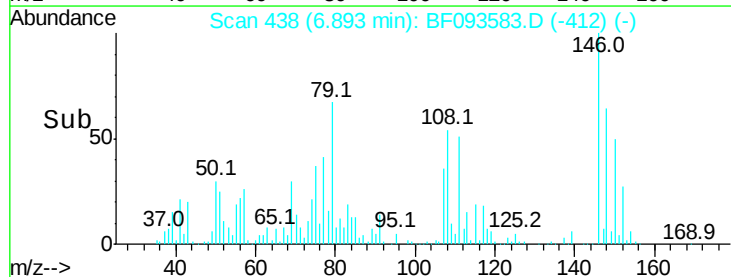
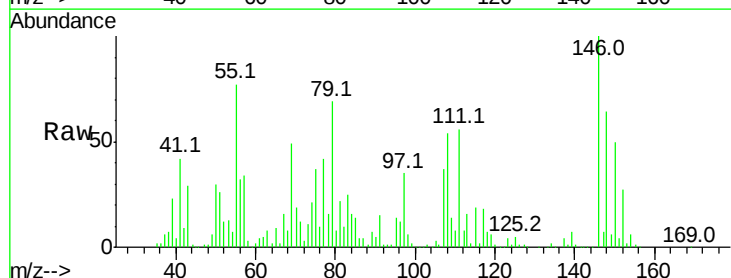
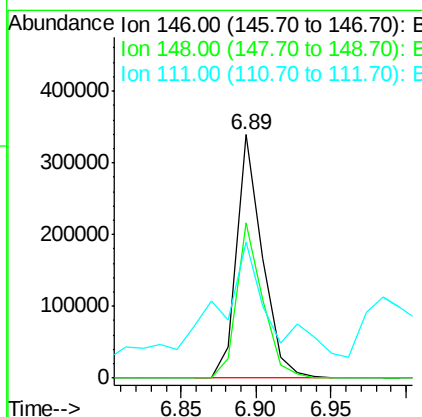
Manual Integrations
APPROVED

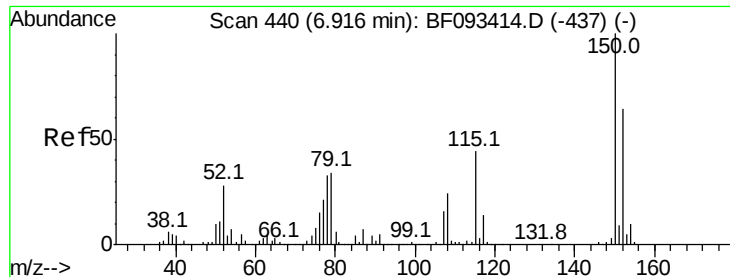
mohammad
3/15/2017 5:33:02 PM



#14
1,2-Dichlorobenzene
Concen: 35.25 ng m
RT: 6.89 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.2
111	55.9	36.2	54.2#





#15

Benzyl Alcohol

Concen: 38.07 ng

RT: 6.89 min Scan# 438

Delta R.T. 0.01 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

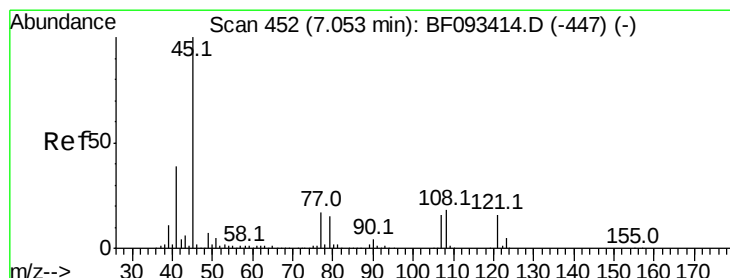
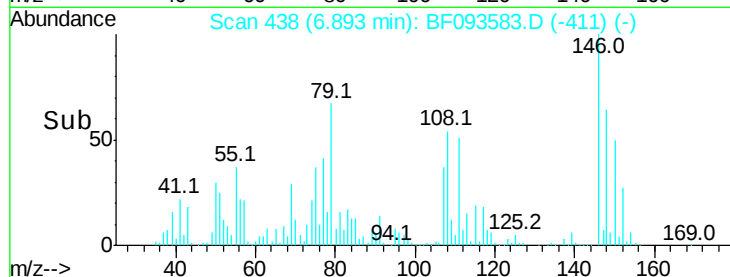
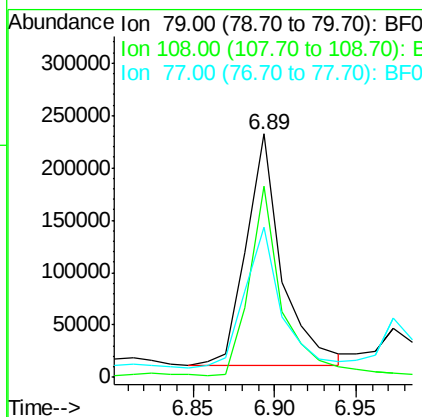
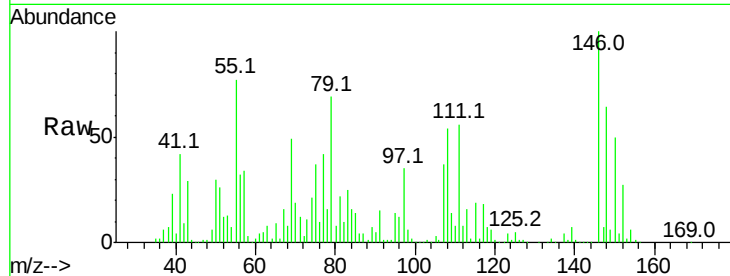
ClientSampleId :

HY-SB419AMS

Tot Ion:	79	Resp:	336655
Ion Ratio	Lower	Upper	
79	100		
108	78.8	61.4	92.0
77	61.5	50.9	76.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.33 ng

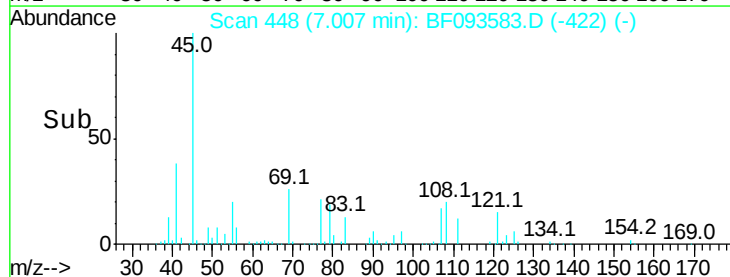
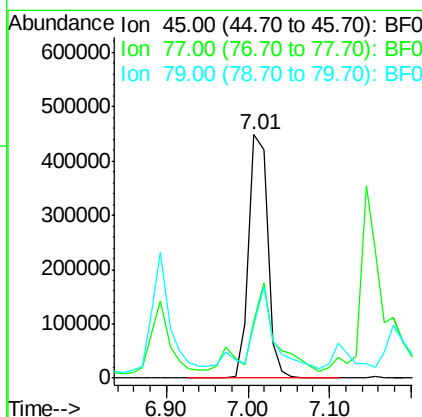
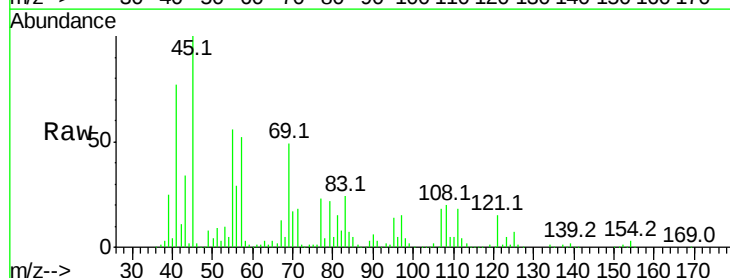
RT: 7.01 min Scan# 448

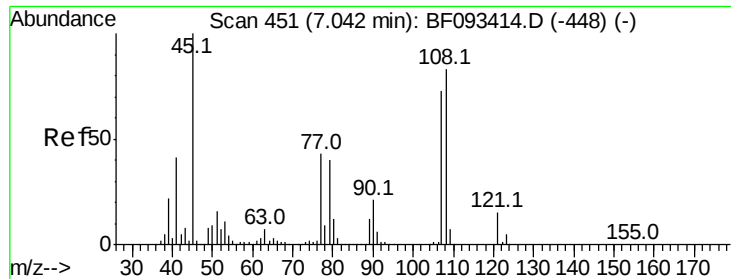
Delta R.T. 0.00 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Tgt Ion:	45	Resp:	721000
Ion Ratio	Lower	Upper	
45	100		
77	23.3	0.0	34.6
79	21.9	0.0	31.2





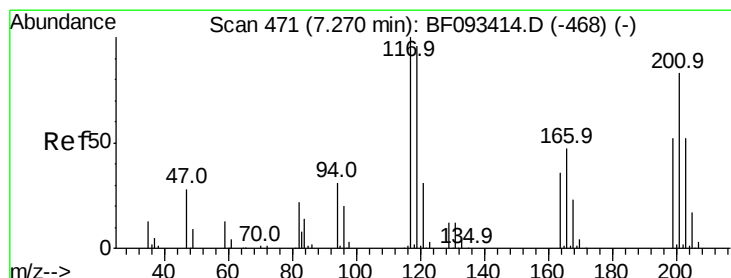
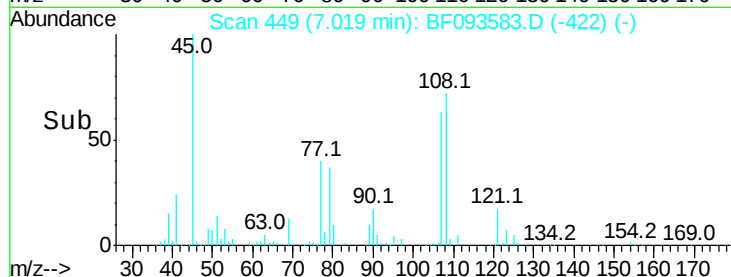
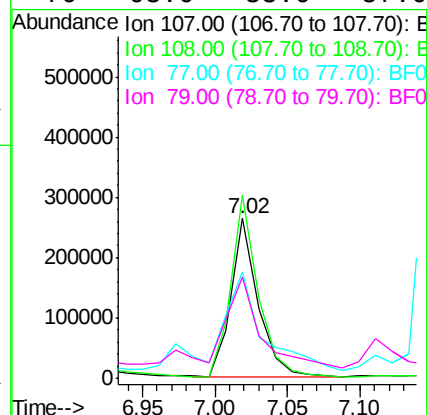
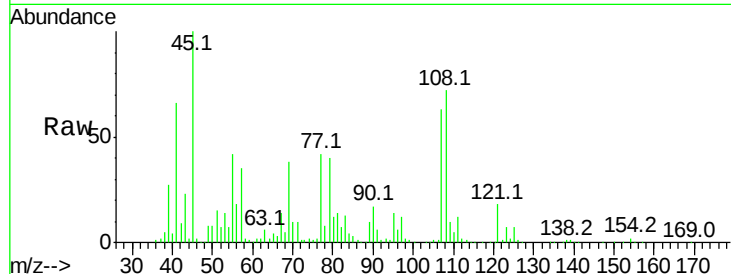
#17
2-Methylphenol
Concen: 36.21 ng
RT: 7.02 min Scan# 449
Delta R.T. 0.01 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Instrument :
BNA_F
ClientSampleId :
HY-SB419AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.6	93.0	139.6	
77	66.1	39.8	59.8	
79	63.0	38.0	57.0	

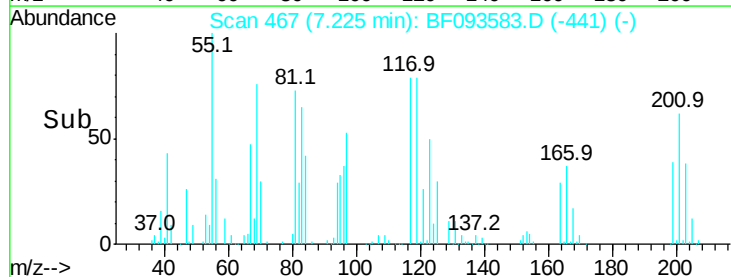
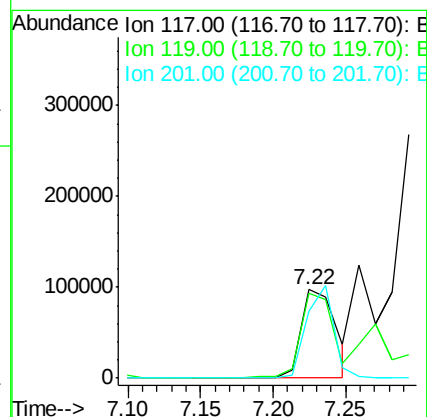
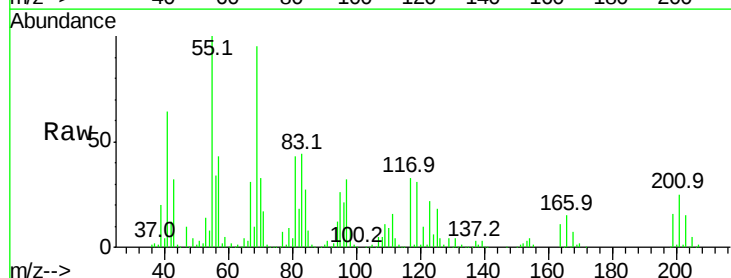
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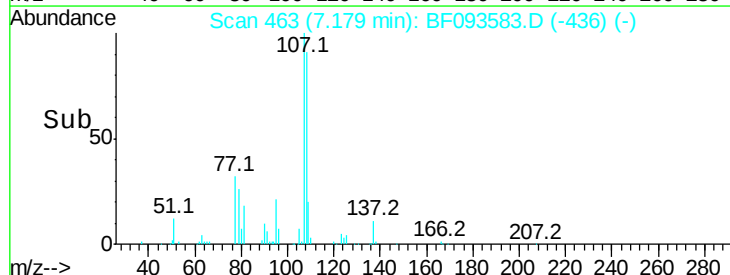
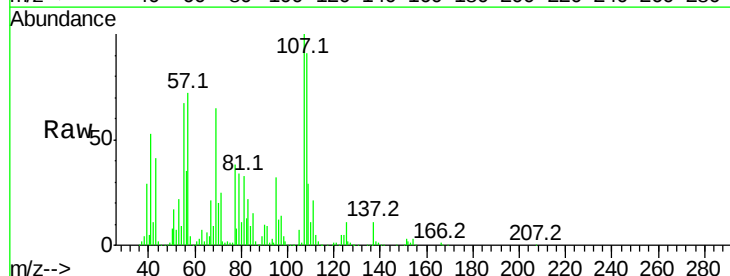
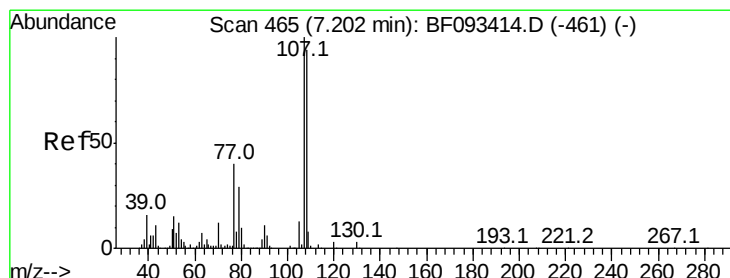
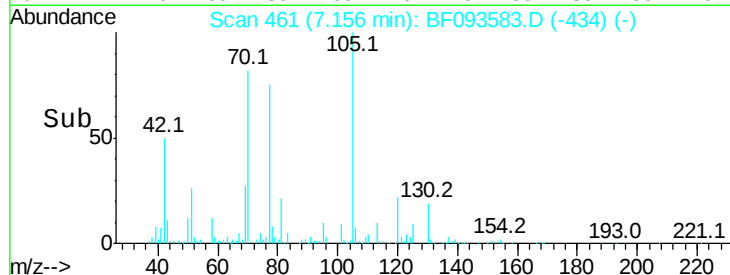
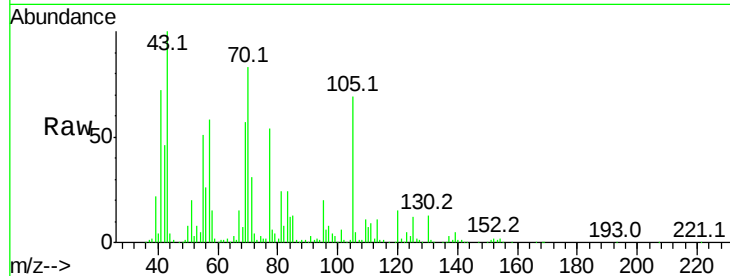
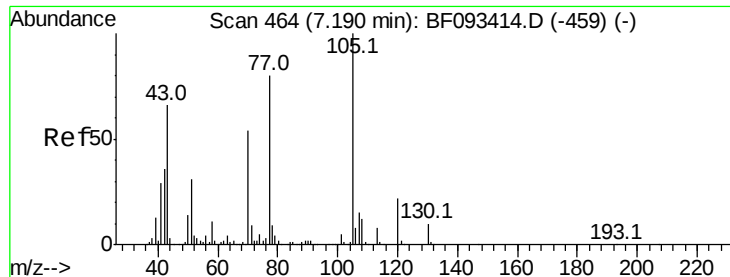
mohammad
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#18
Hexachloroethane
Concen: 36.93 ng
RT: 7.22 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	78.1	117.1	
201	75.5	78.6	117.8	





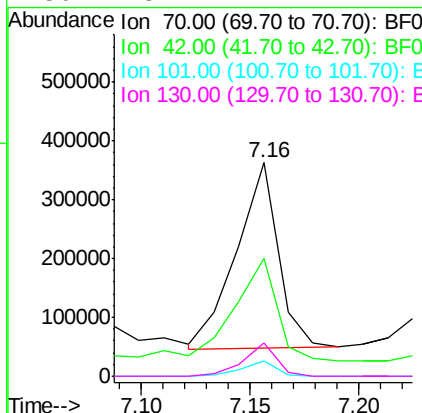
#19
n-Nitroso-di-n-propylamine
Concen: 49.78 ng
RT: 7.16 min Scan# 461
Delta R.T. 0.01 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Instrument :
BNA_F
ClientSampleId :
HY-SB419AMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.0	49.4	74.0
101	7.2	7.4	11.2#
130	15.4	14.2	21.4

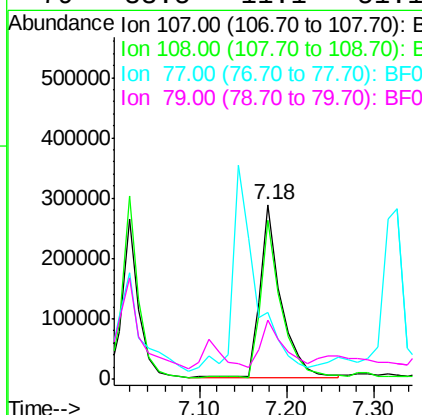
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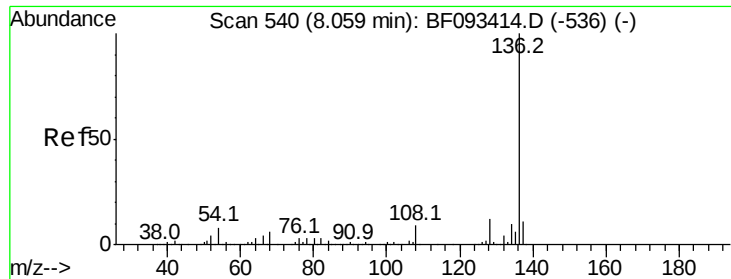
mohammad
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#20
3+4-Methylphenols
Concen: 39.79 ng
RT: 7.18 min Scan# 463
Delta R.T. 0.01 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.1	73.0	113.0
77	38.4	71.3	111.3#
79	33.5	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 537

Delta R.T. 0.01 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

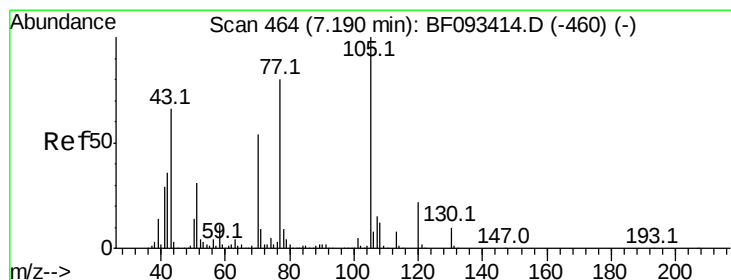
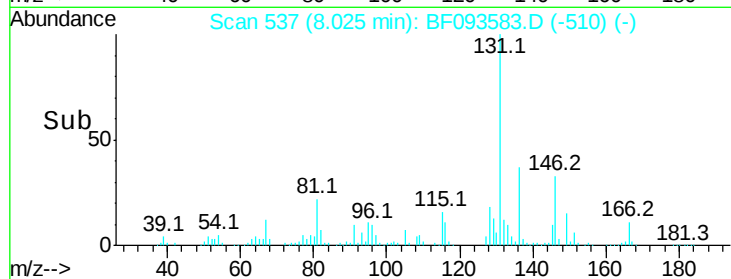
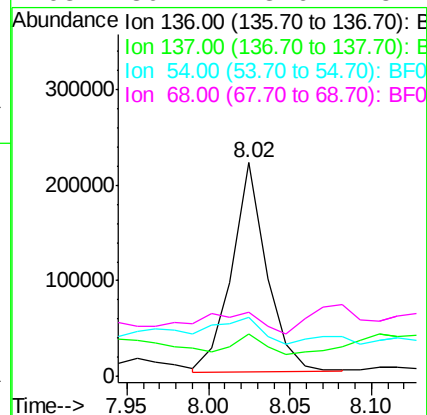
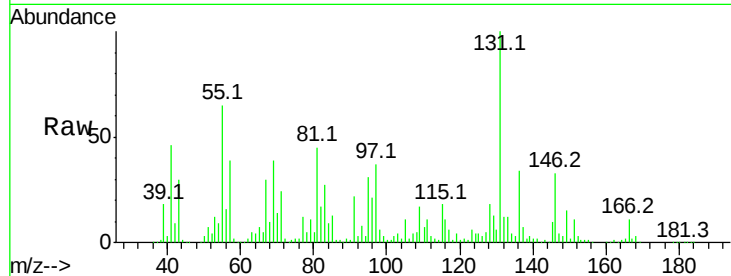
ClientSampleId :

HY-SB419AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	19.8	8.4	12.6#	
54	27.6	4.5	6.7#	
68	30.2	3.6	5.4#	

Manual Integrations
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#22

Acetophenone

Concen: 74.78 ng

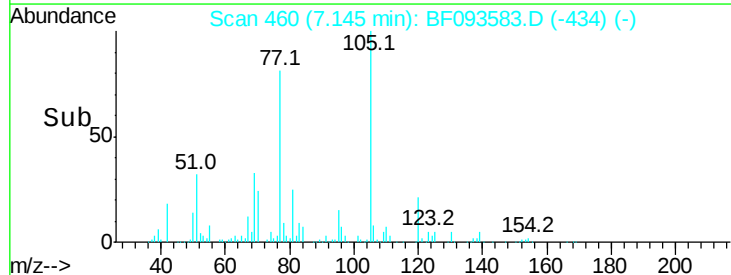
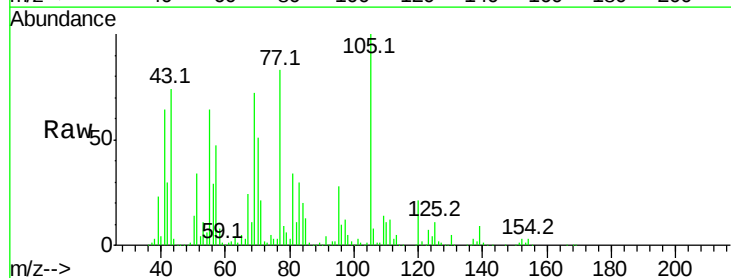
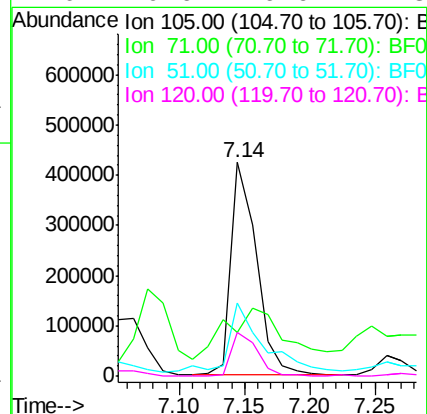
RT: 7.14 min Scan# 460

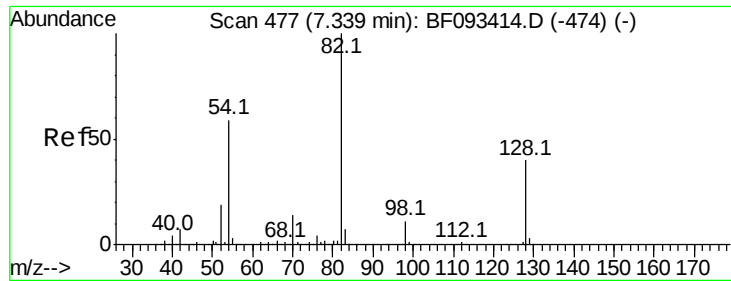
Delta R.T. 0.00 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	20.7	3.2	4.8#	
51	33.9	26.2	39.4	
120	20.6	16.6	24.8	





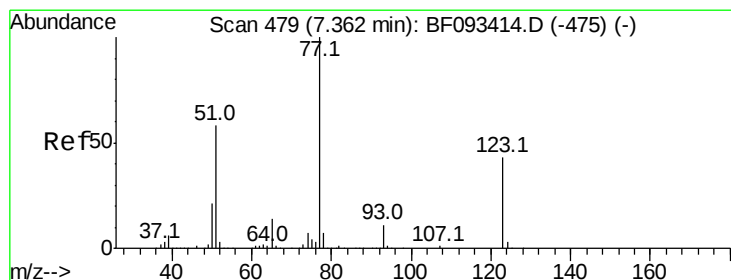
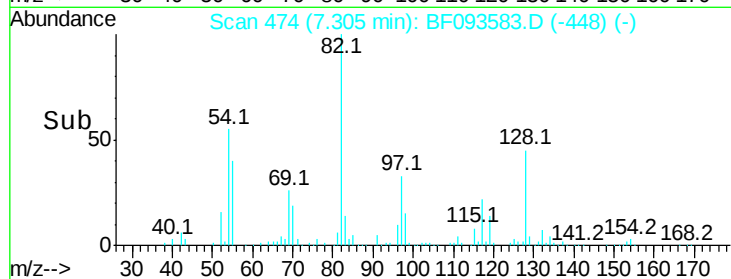
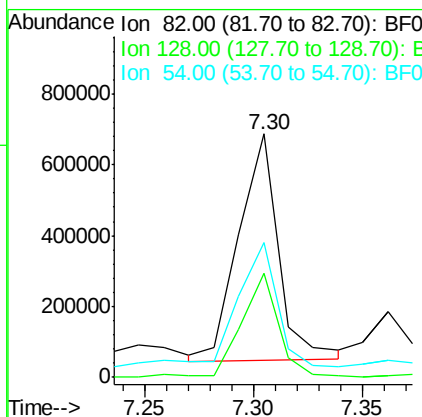
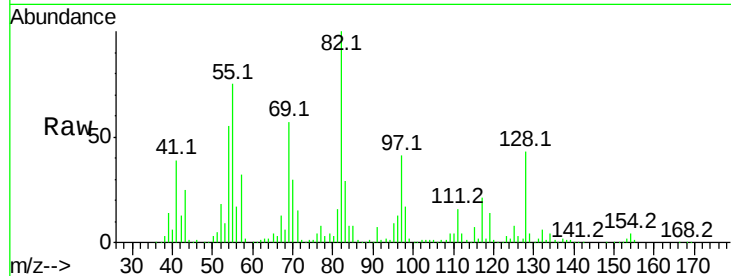
#23
 Nitrobenzene-d5
 Concen: 142.13 ng
 RT: 7.30 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB419AMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.6	52.0
54	55.4	39.5	59.3

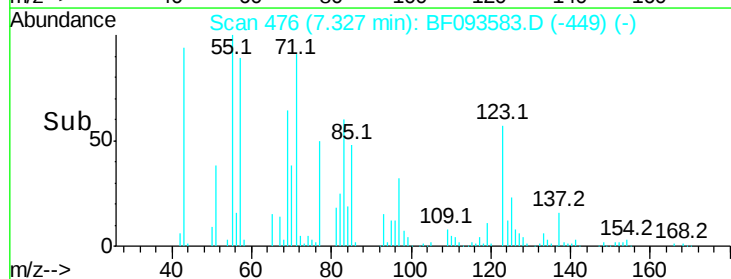
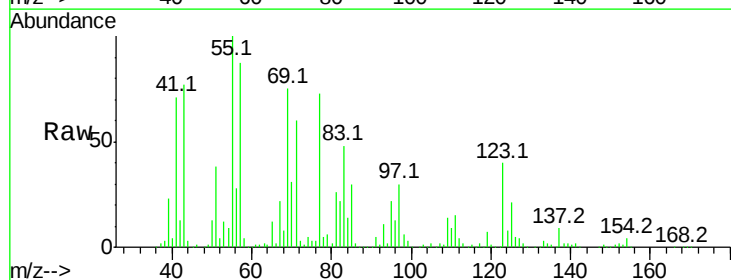
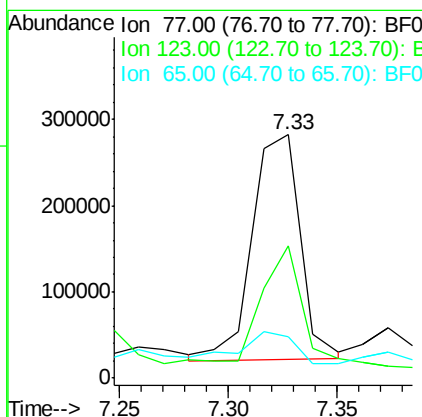
Manual Integrations
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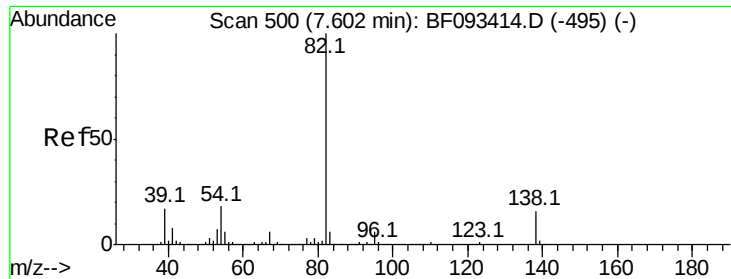
mohammad
 3/15/2017 5:33:02 PM



#24
 Nitrobenzene
 Concen: 61.94 ng
 RT: 7.33 min Scan# 476
 Delta R.T. 0.01 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.4	33.0	49.4#
65	17.1	11.2	16.8#





#25

Isophorone

Concen: 87.39 ng

RT: 7.57 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampleId :

HY-SB419AMS

Tot Ion: 82 Resp: 1020277

Ion Ratio Lower Upper

82 100

95 31.7 5.6 8.4#

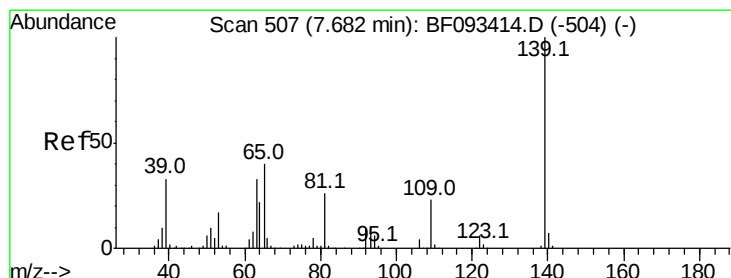
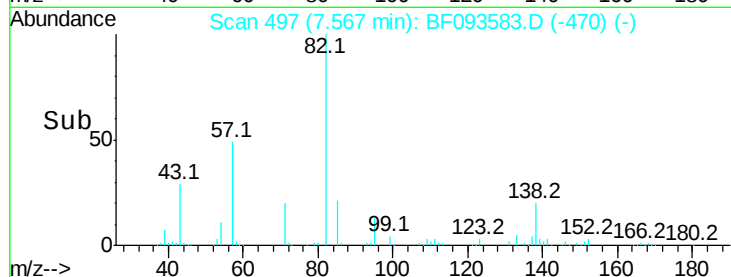
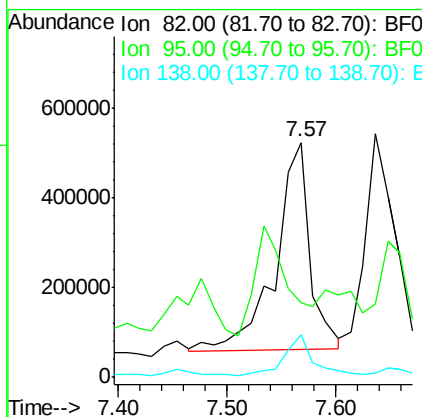
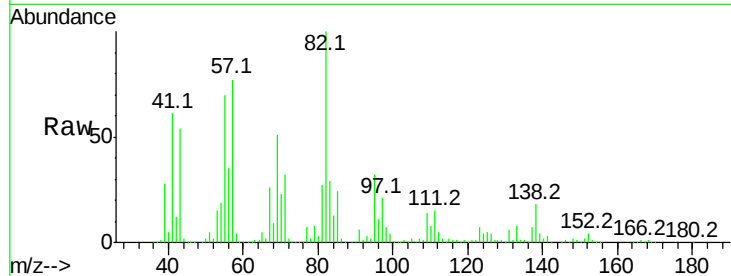
138 18.2 14.6 22.0

Manual Integrations

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mohammad

3/15/2017 5:33:02 PM



#26

2-Nitrophenol

Concen: 67.33 ng

RT: 7.65 min Scan# 504

Delta R.T. 0.01 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

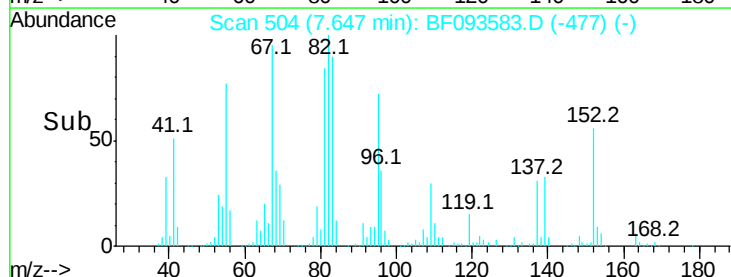
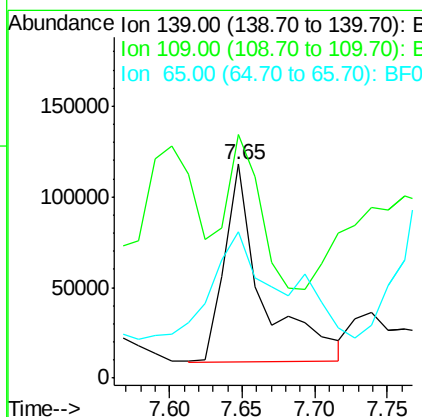
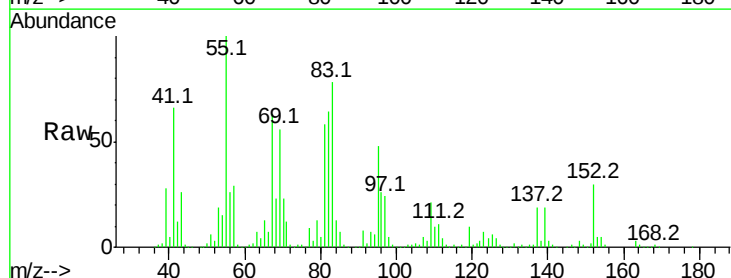
Tgt Ion: 139 Resp: 199878

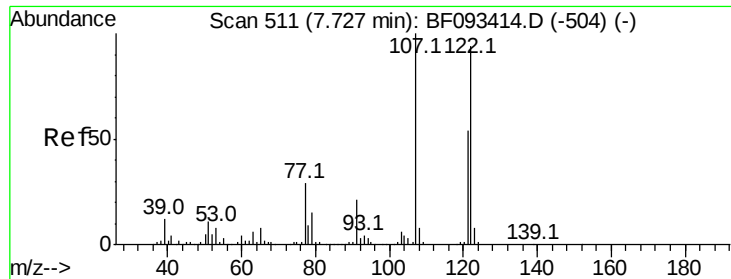
Ion Ratio Lower Upper

139 100

109 113.7 23.3 34.9#

65 68.6 42.7 64.1#





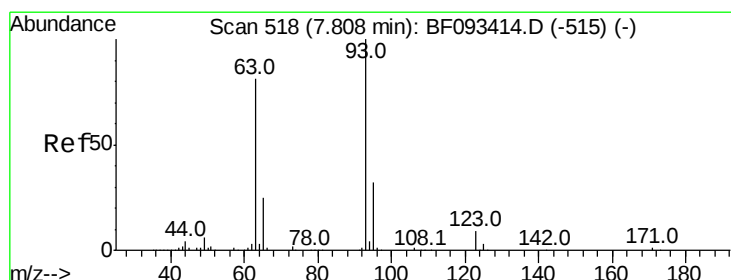
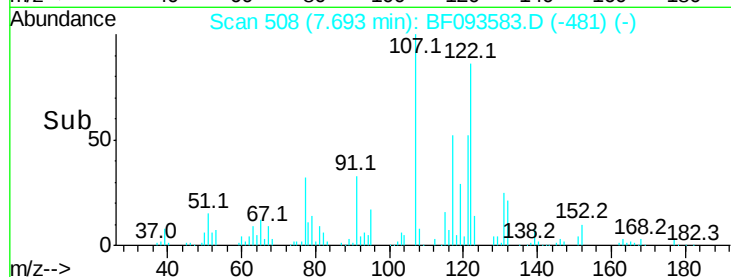
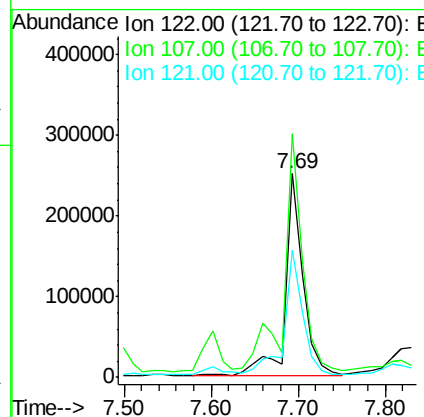
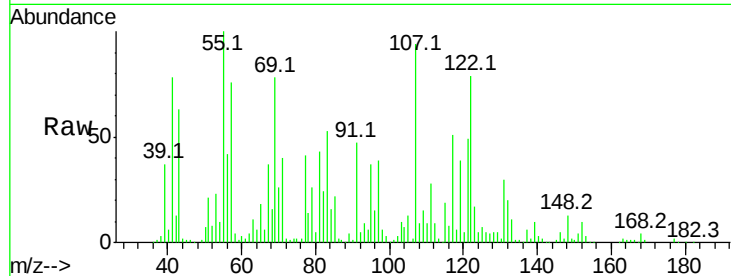
#27
2,4-Dimethylphenol
Concen: 72.36 ng
RT: 7.69 min Scan# 508
Delta R.T. 0.01 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Instrument :
BNA_F
ClientSampleId :
HY-SB419AMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	349469		
107	119.4	94.1	141.1	
121	62.1	46.0	69.0	

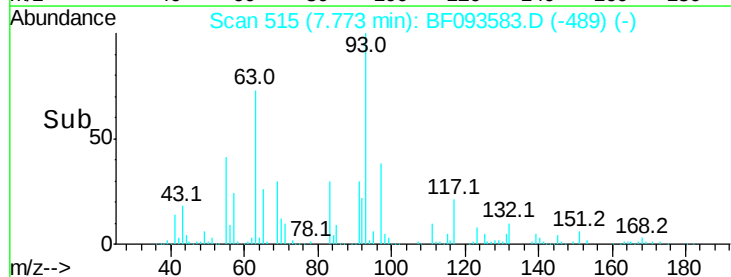
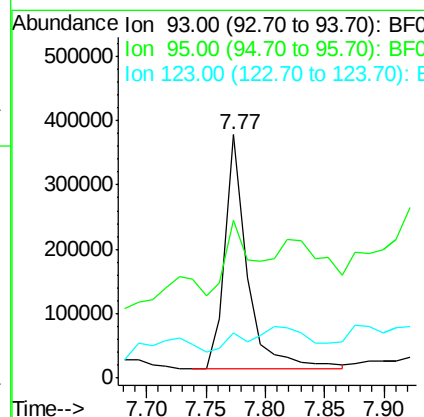
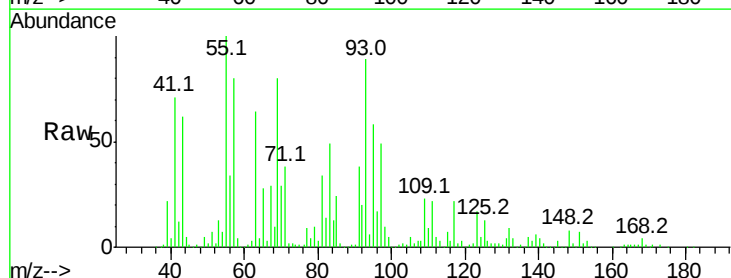
Manual Integrations
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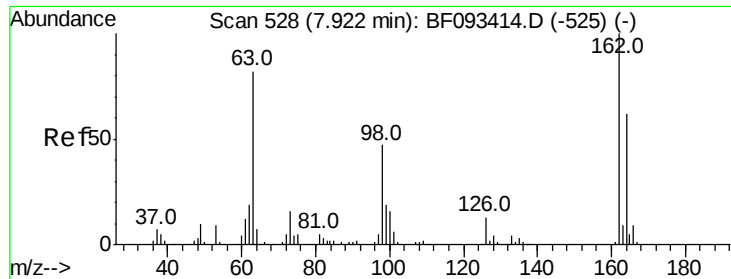
mohammad
3/15/2017 5:33:02 PM



#28
bis(2-Chloroethoxy)methane
Concen: 65.53 ng
RT: 7.77 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	482968		
95	64.7	26.5	39.7#	
123	18.6	8.6	13.0#	





#29

2,4-Dichlorophenol

Concen: 111.52 ng

RT: 7.91 min Scan# 527

Delta R.T. 0.02 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

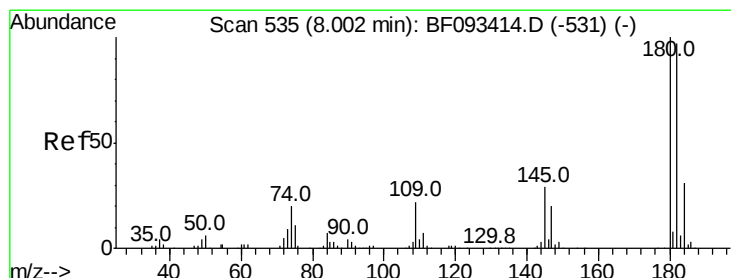
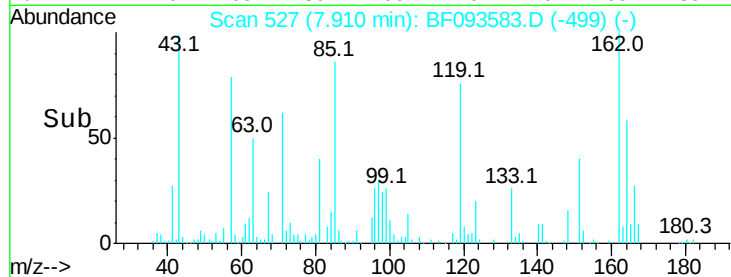
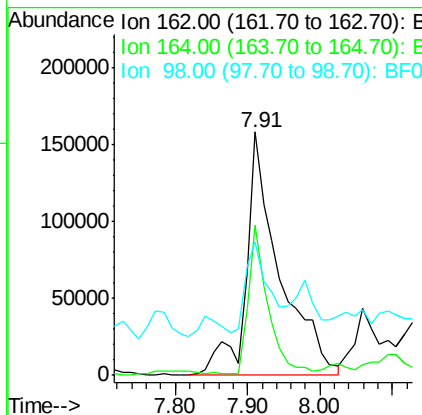
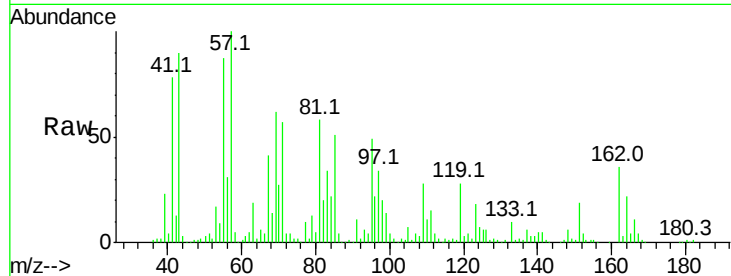
ClientSampleId :

HY-SB419AMS

Tot Ion:	162	Resp:	506673
Ion Ratio	Lower	Upper	
162	100		
164	61.6	46.8	86.8
98	54.7	9.1	49.1#

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 53.46 ng

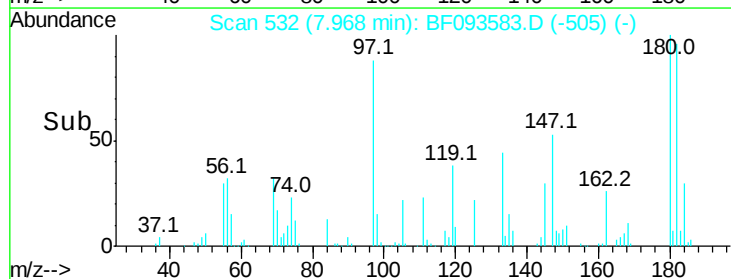
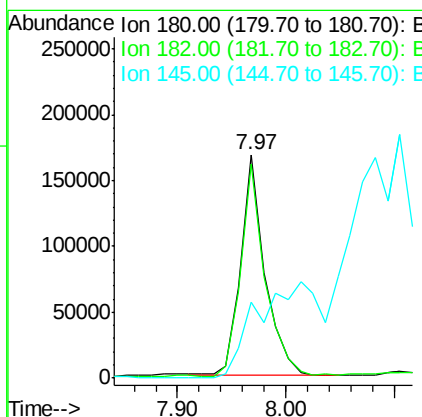
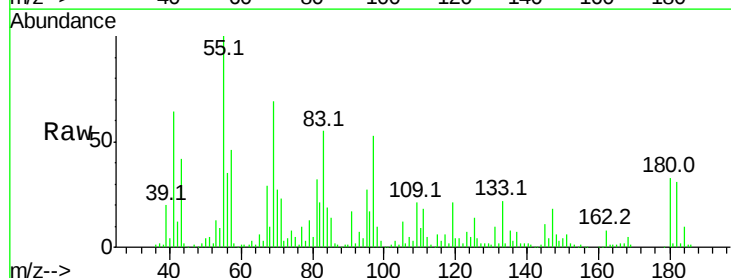
RT: 7.97 min Scan# 532

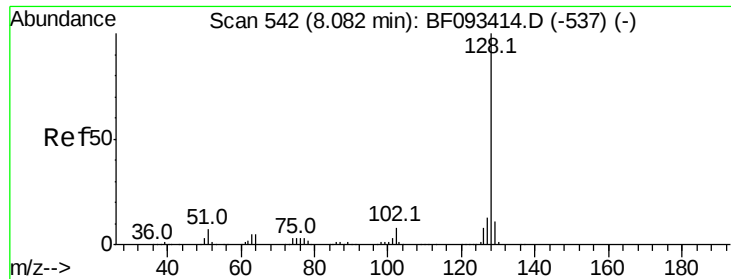
Delta R.T. 0.01 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Tgt Ion:	180	Resp:	258314
Ion Ratio	Lower	Upper	
180	100		
182	95.5	78.2	117.4
145	33.9	21.6	32.4#





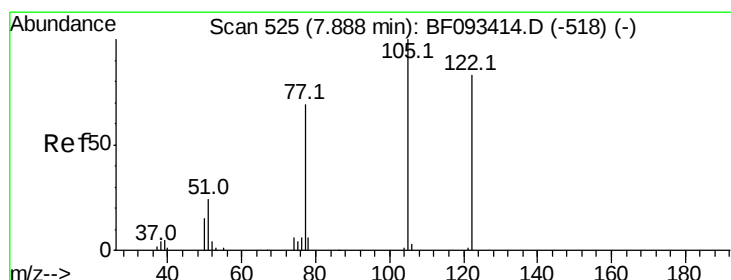
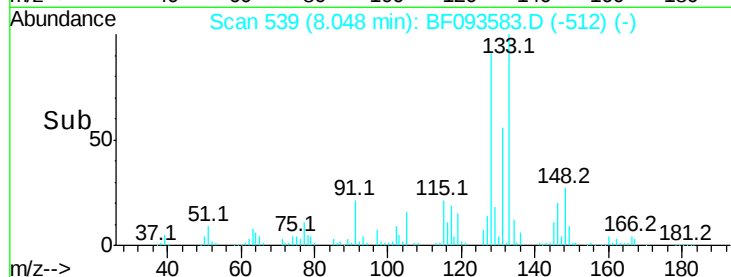
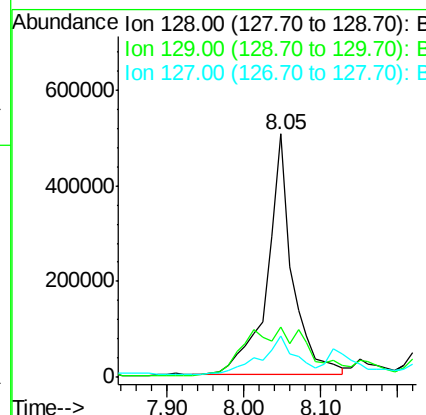
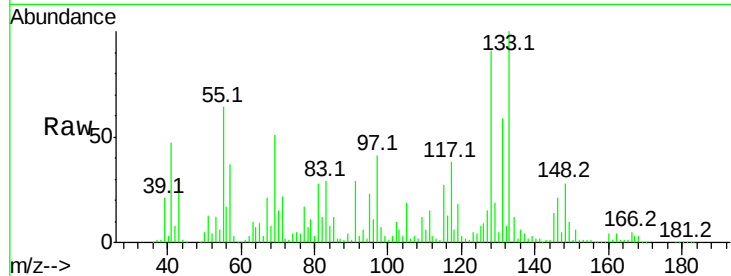
#31
Naphthalene
Concen: 70.09 ng
RT: 8.05 min Scan# 539
Delta R.T. 0.01 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Instrument :
BNA_F
ClientSampleId :
HY-SB419AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	20.6	9.5	14.3#
127	16.9	10.8	16.2#

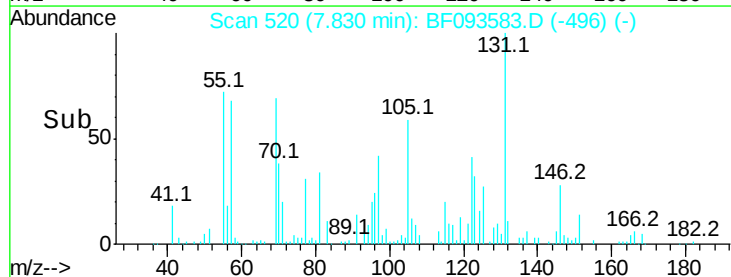
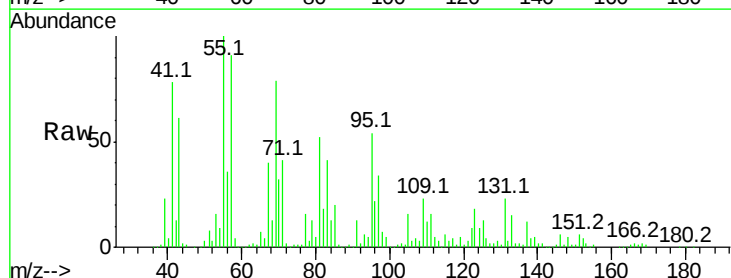
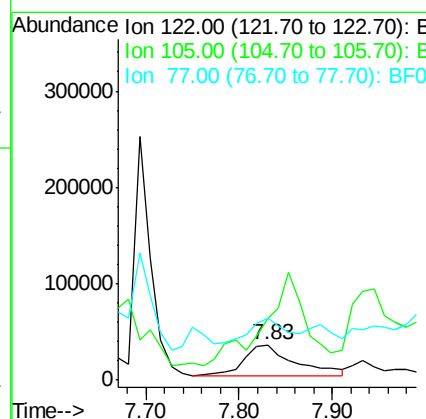
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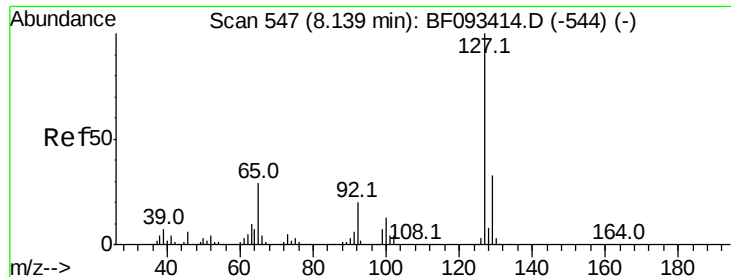
mohammad
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#32
Benzoic acid
Concen: 50.21 ng
RT: 7.83 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	176.7	107.2	147.2#
77	176.6	74.5	114.5#





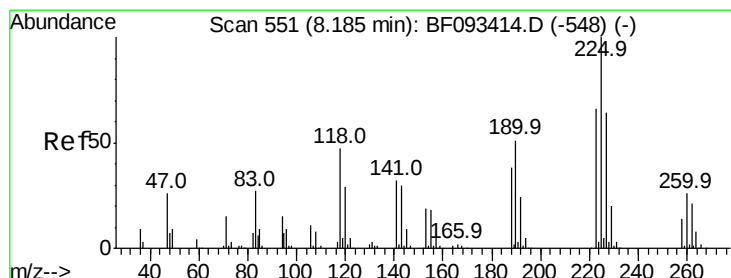
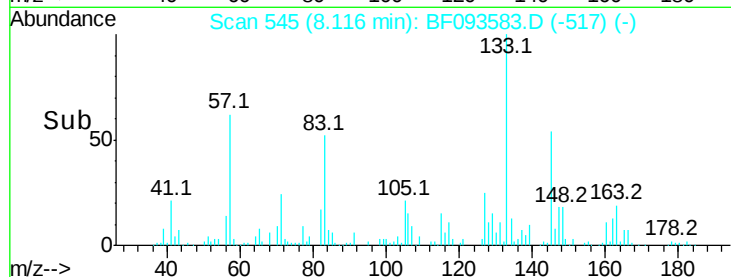
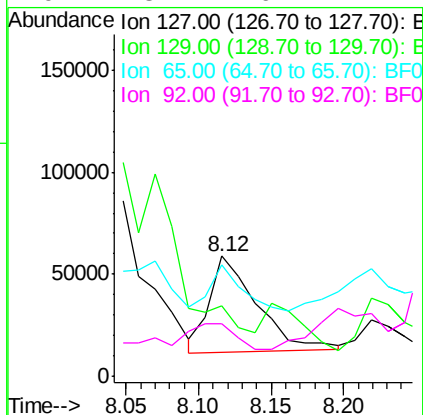
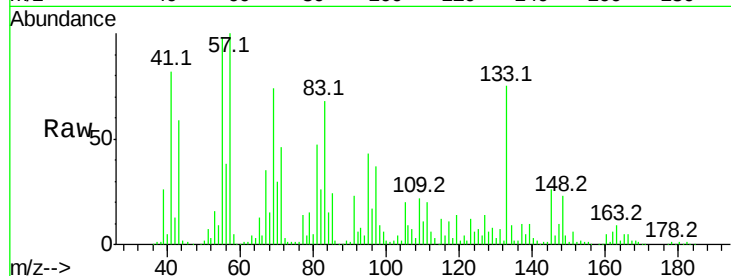
#33
4-Chloroaniline
Concen: 16.21 ng
RT: 8.12 min Scan# 545
Delta R.T. 0.02 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Instrument :
BNA_F
ClientSampleId :
HY-SB419AMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	58.7	26.3	39.5#
65	92.8	25.8	38.8#
92	43.4	16.1	24.1#

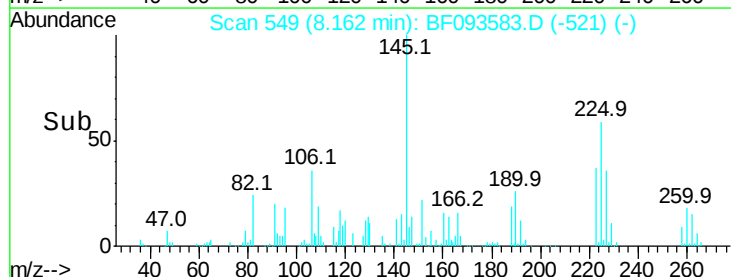
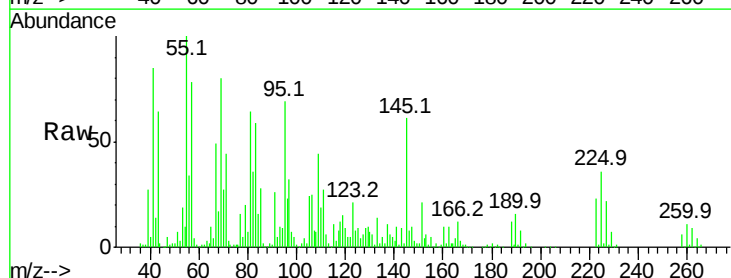
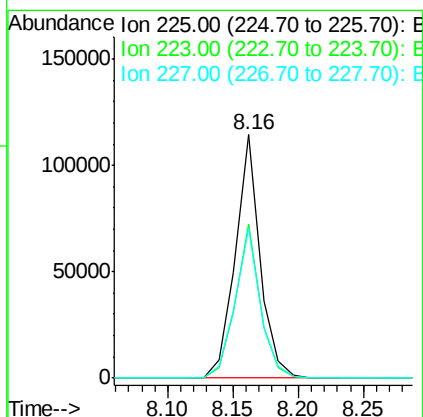
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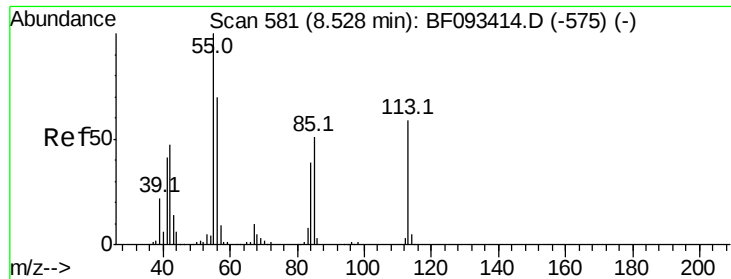
mohammad
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#34
Hexachlorobutadiene
Concen: 60.36 ng
RT: 8.16 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.0	76.6
227	61.6	50.6	76.0





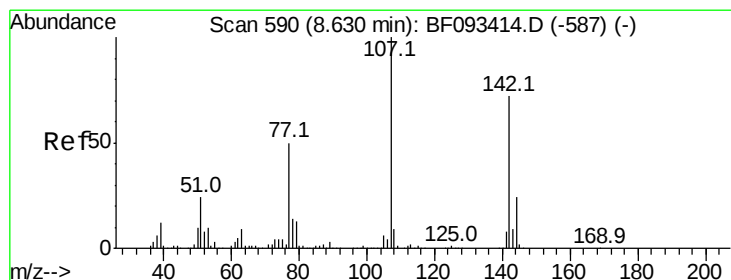
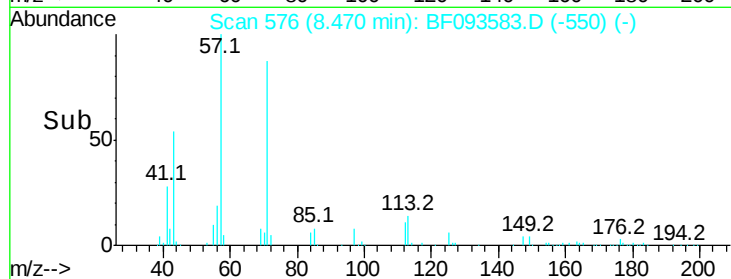
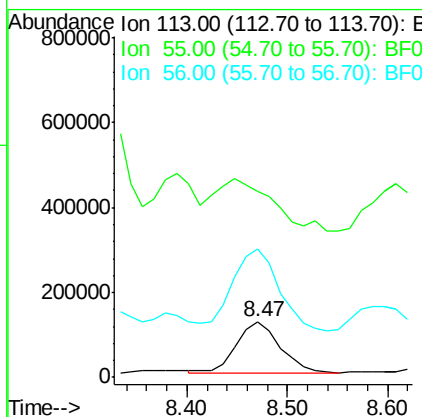
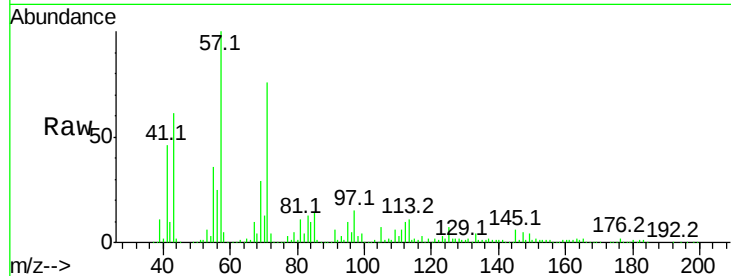
#35
 Caprolactam
 Concen: 229.68 ng
 RT: 8.47 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB419AMS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	335.3	119.2	159.2#	
56	230.2	83.8	123.8#	

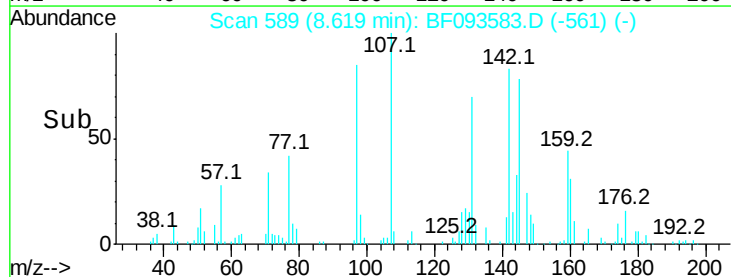
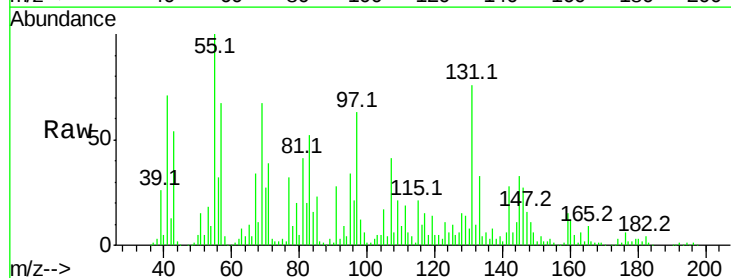
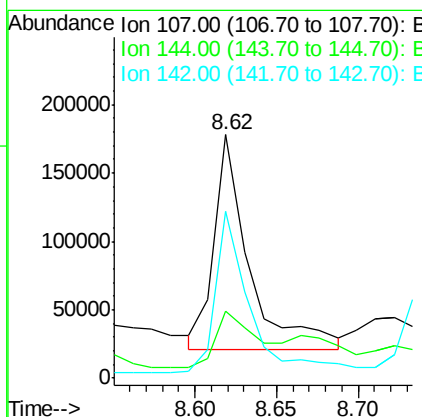
Manual Integrations
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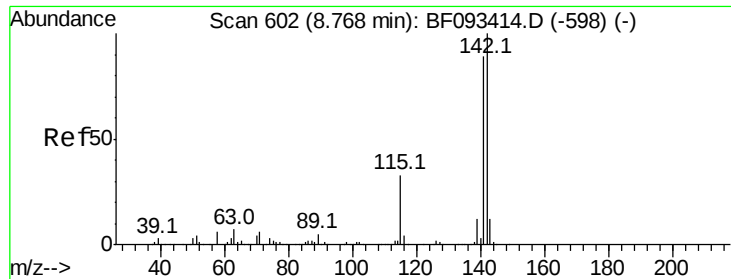
mohammad
 3/15/2017 5:33:02 PM



#36
 4-Chloro-3-methylphenol
 Concen: 48.25 ng
 RT: 8.62 min Scan# 589
 Delta R.T. 0.02 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	27.6	19.3	28.9	
142	68.7	59.0	88.6	





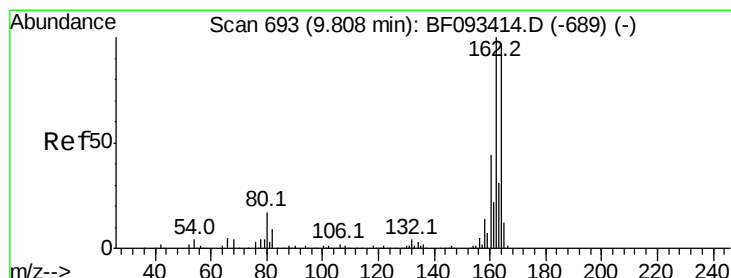
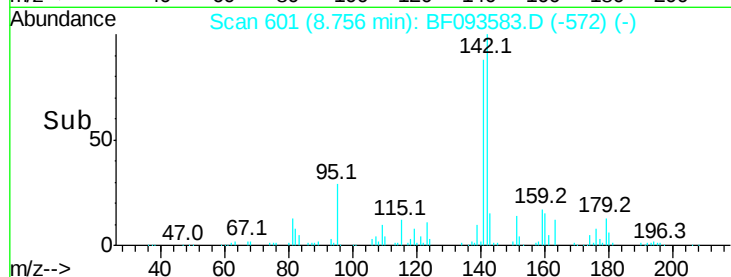
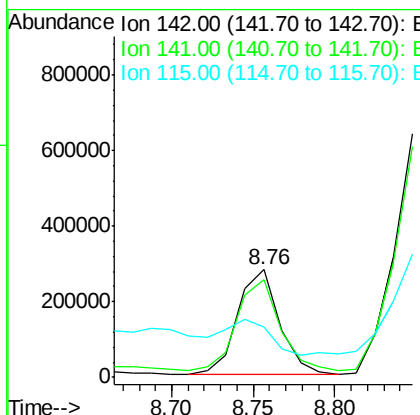
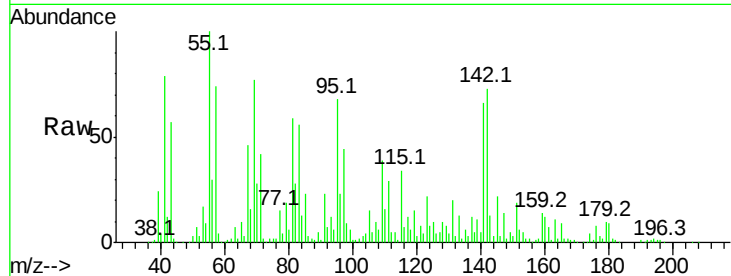
#37
2-Methylnaphthalene
Concen: 48.23 ng
RT: 8.76 min Scan# 601
Delta R.T. 0.03 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Instrument :
BNA_F
ClientSampleId :
HY-SB419AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	71.0	106.6
115	46.6	28.3	42.5

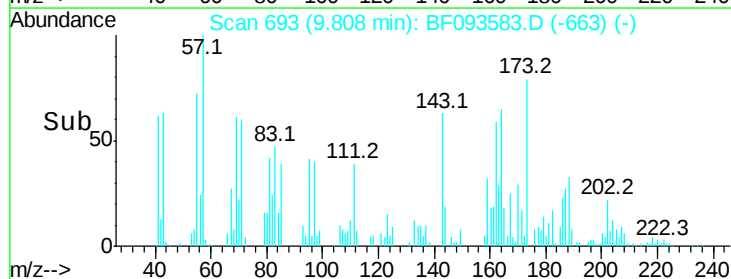
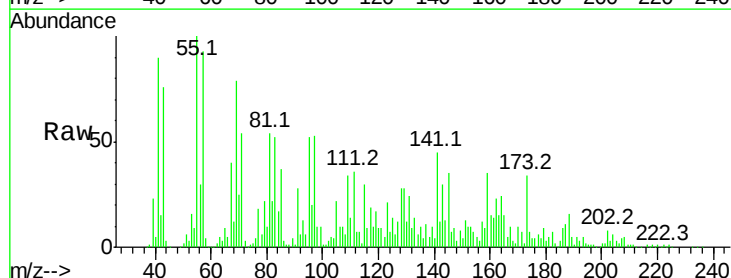
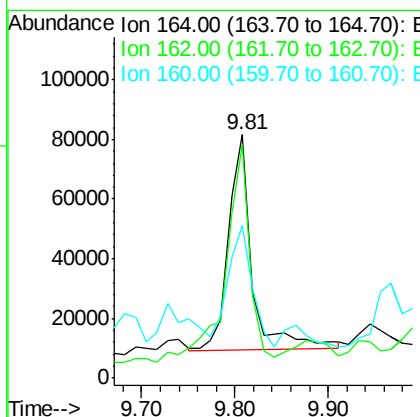
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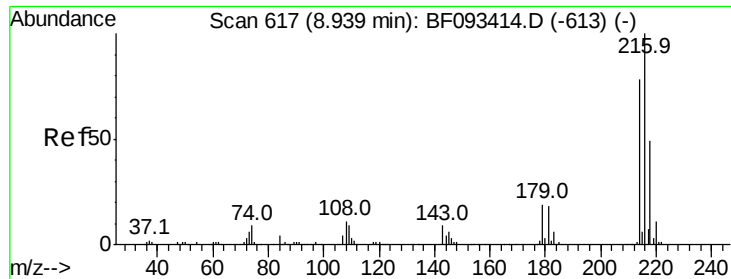
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. 0.05 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.9	80.2	120.2
160	62.9	36.9	55.3





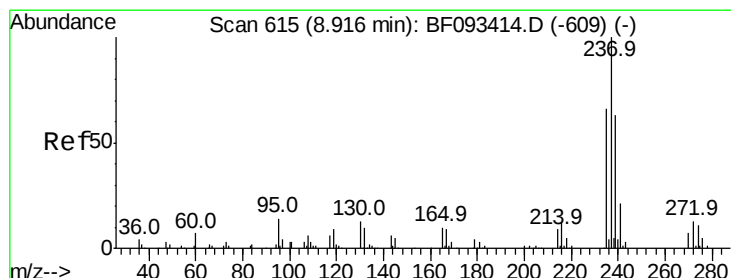
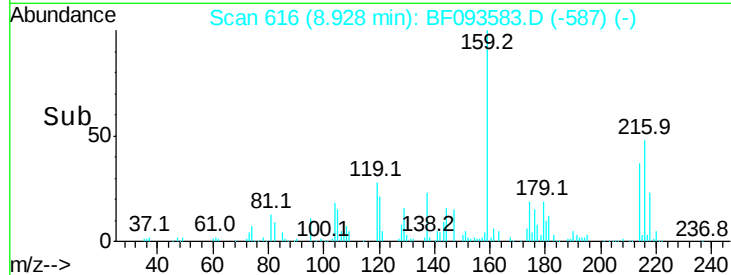
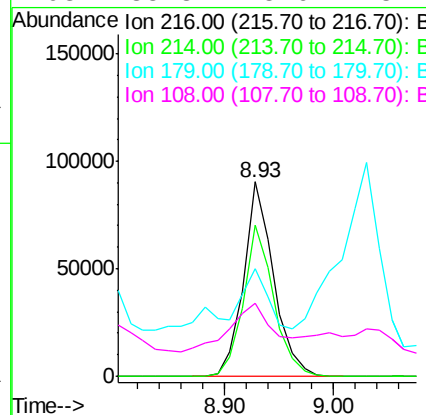
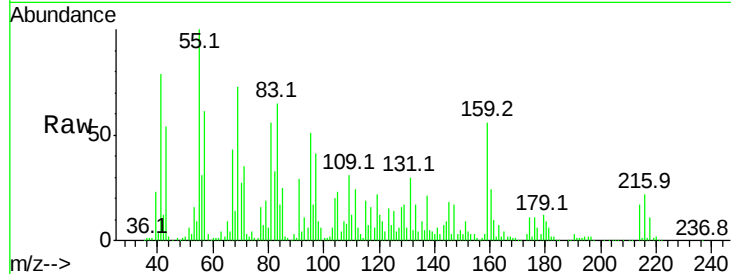
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.61 ng
 RT: 8.93 min Scan# 616
 Delta R.T. 0.03 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB419AMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	170932		
214	78.9	63.4	95.0	
179	41.4	17.4	26.2	#
108	35.3	15.6	23.4	#

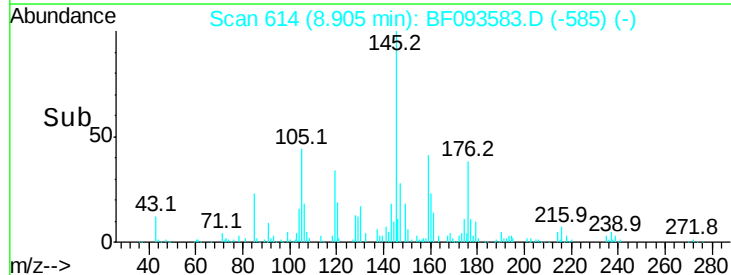
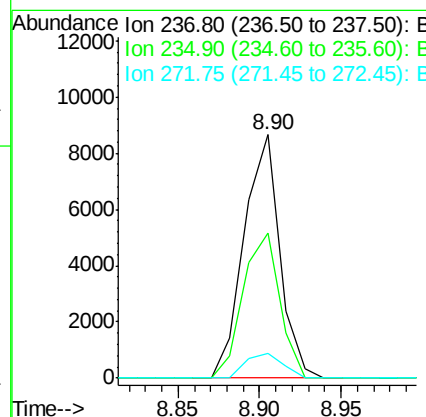
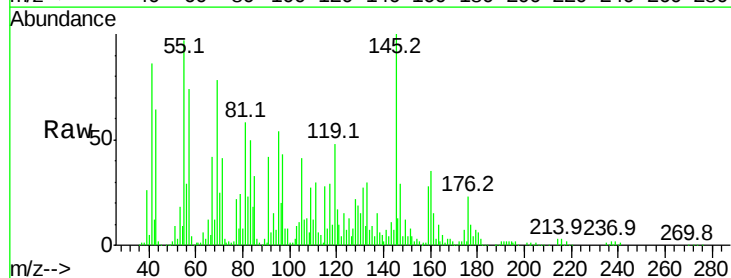
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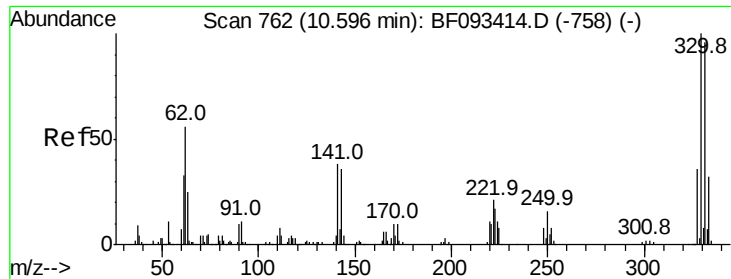
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#40
 Hexachlorocyclopentadiene
 Concen: 24.64 ng
 RT: 8.90 min Scan# 614
 Delta R.T. 0.03 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	13120		
235	59.5	41.2	81.2	
272	10.1	0.0	35.4	





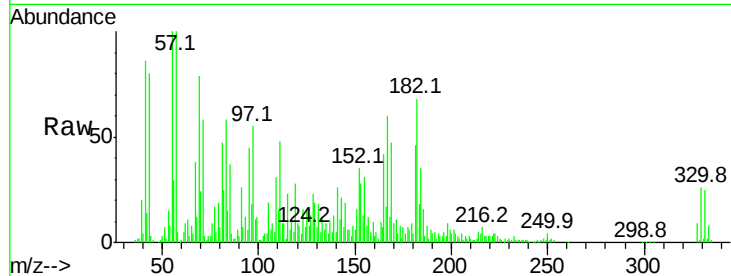
#41
2,4,6-Tribromophenol
Concen: 144.42 ng
RT: 10.61 min Scan# 763
Delta R.T. 0.06 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Instrument :
BNA_F
ClientSampleId :
HY-SB419AMS

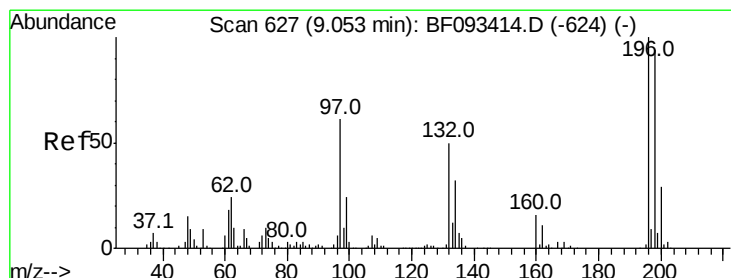
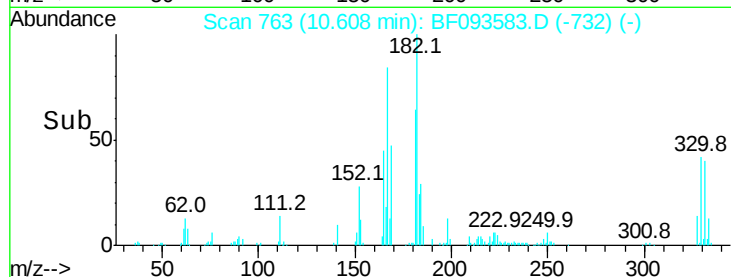
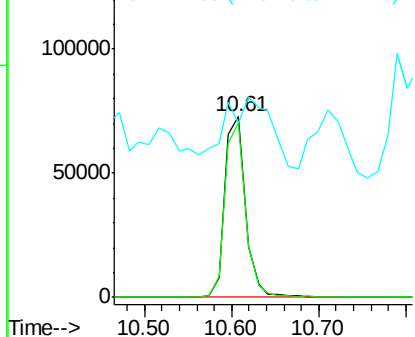
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	77.4	116.2	
141	86.4	34.1	51.1#	

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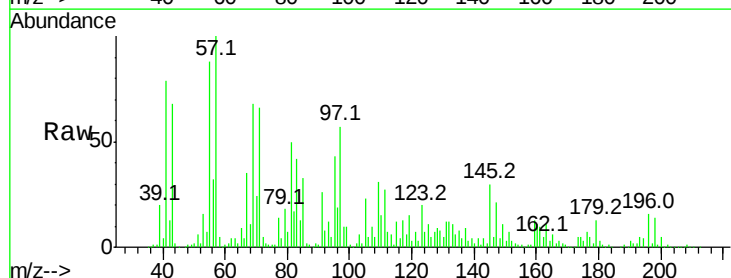


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

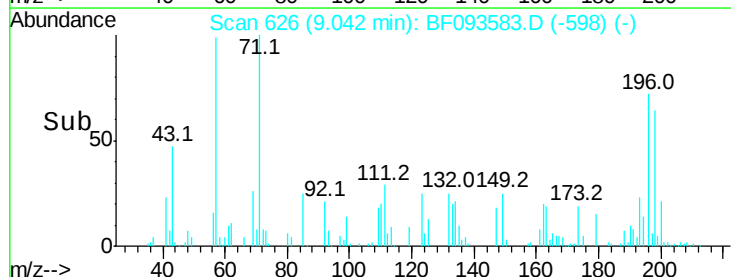
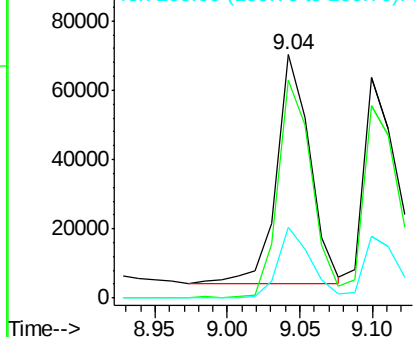


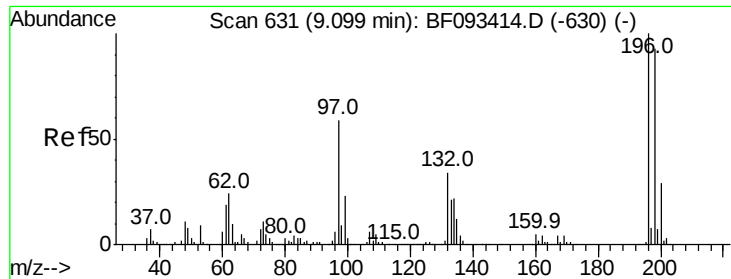
#42
2,4,6-Trichlorophenol
Concen: 47.75 ng
RT: 9.04 min Scan# 626
Delta R.T. 0.02 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	89.5	82.1	123.1	
200	29.2	27.0	40.4	



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





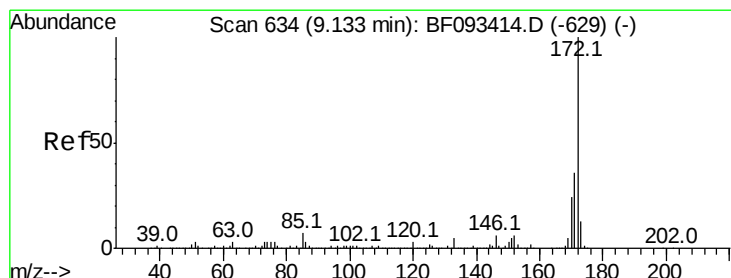
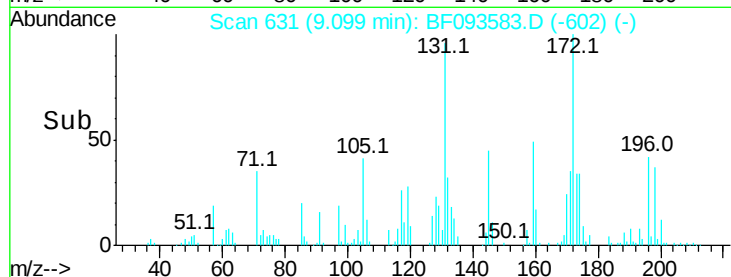
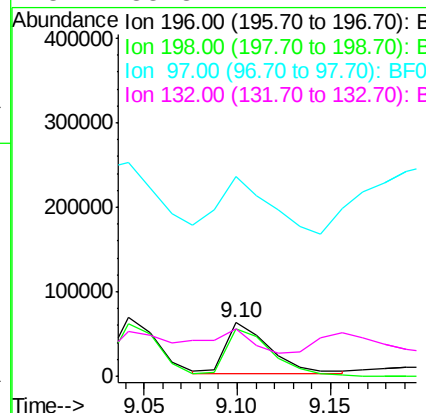
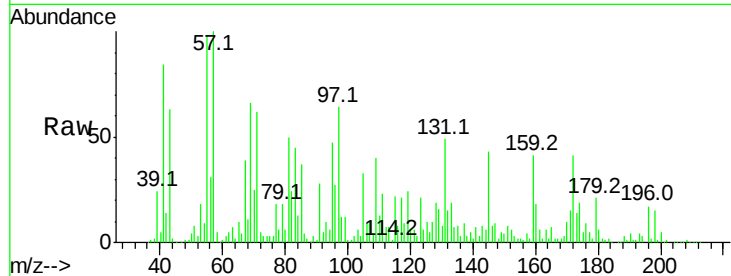
#43
2,4,5-Trichlorophenol
Concen: 41.42 ng
RT: 9.10 min Scan# 631
Delta R.T. 0.03 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Instrument :
BNA_F
ClientSampleId :
HY-SB419AMS

Tot Ion	Ratio	Lower	Upper
196	100		
198	87.5	79.4	119.2
97	370.8	51.5	77.3#
132	88.3	27.4	41.2#

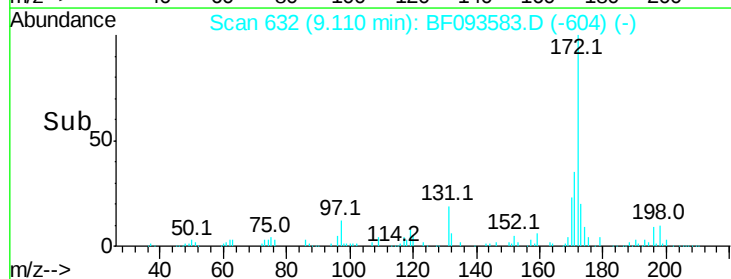
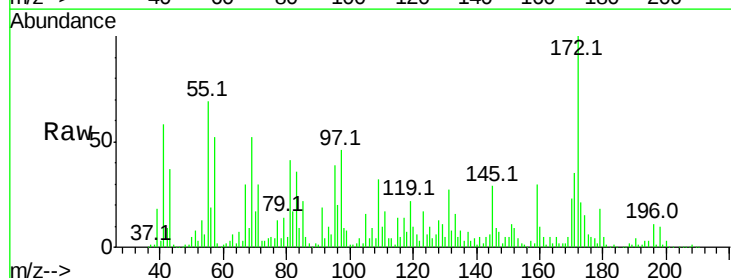
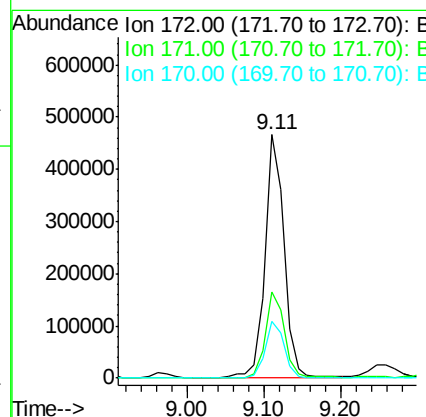
Manual Integrations
APPROVED

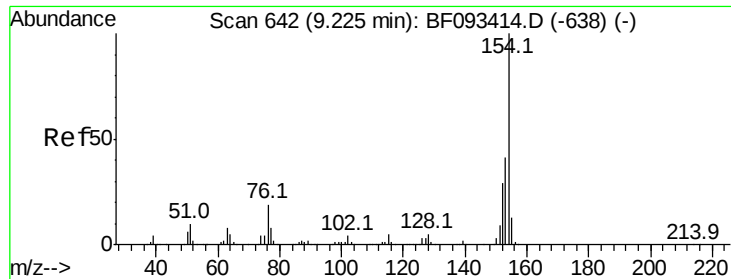
mohammad
3/15/2017 5:33:02 PM



#44
2-Fluorobiphenyl
Concen: 113.12 ng
RT: 9.11 min Scan# 632
Delta R.T. 0.02 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	23.4	20.2	30.4





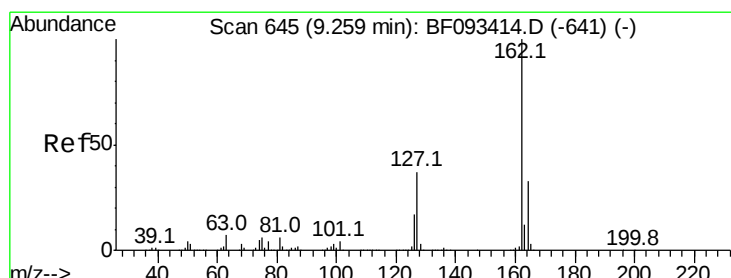
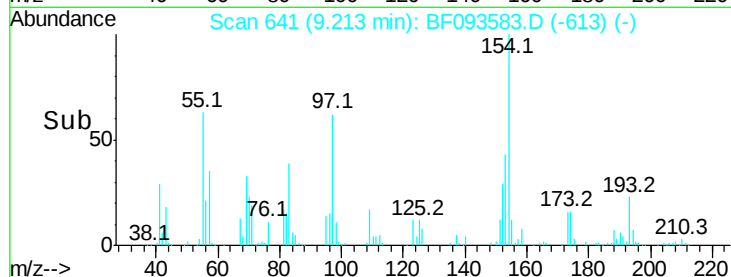
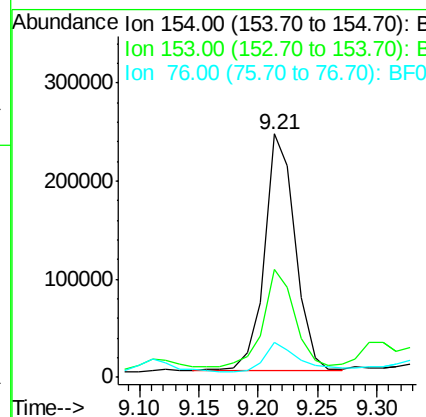
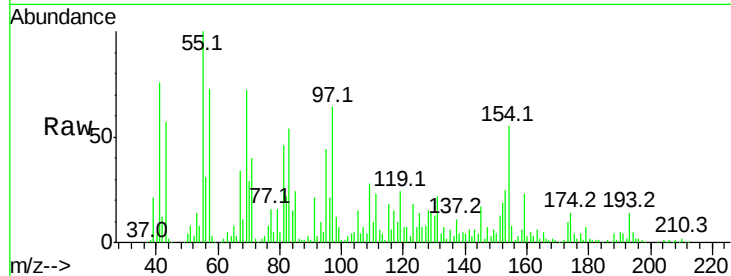
#45
1,1'-Biphenyl
Concen: 46.08 ng
RT: 9.21 min Scan# 641
Delta R.T. 0.02 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Instrument :
BNA_F
ClientSampleId :
HY-SB419AMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	44.6	20.9	60.9
76	14.2	0.0	30.5

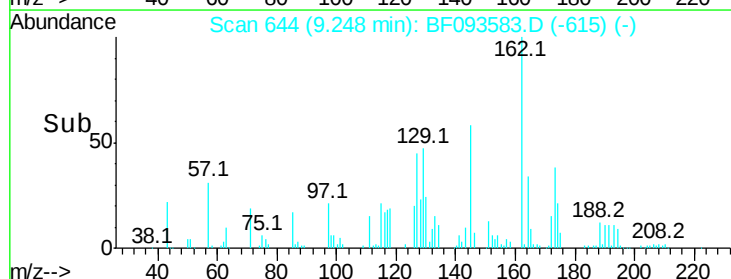
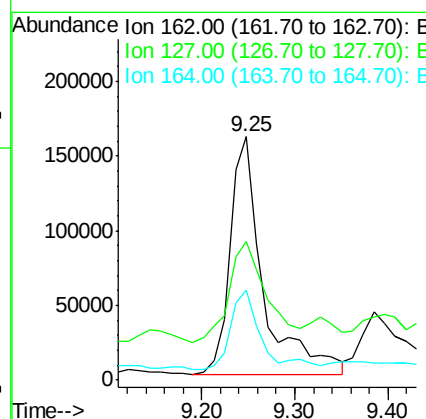
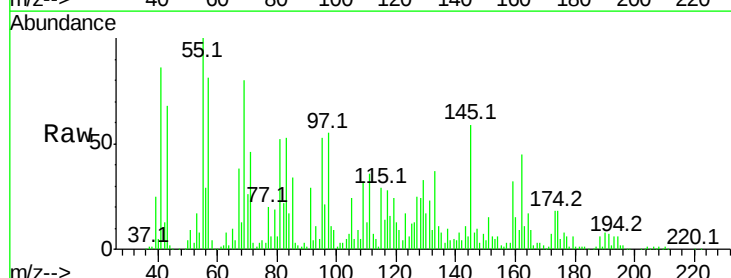
Manual Integrations
APPROVED

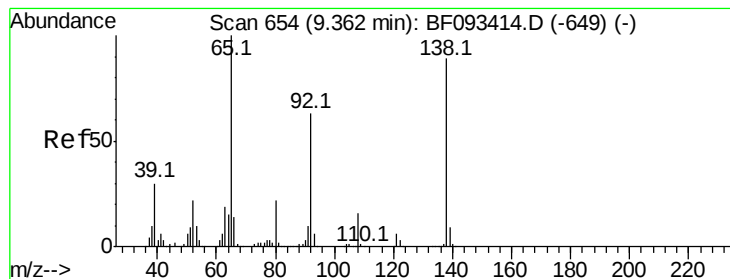
mohammad
3/15/2017 5:33:02 PM



#46
2-Chloronaphthalene
Concen: 54.72 ng
RT: 9.25 min Scan# 644
Delta R.T. 0.03 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	57.1	30.7	46.1#
164	37.1	27.6	41.4





#47

2-Nitroaniline

Concen: 42.96 ng

RT: 9.35 min Scan# 653

Delta R.T. 0.02 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampleId :

HY-SB419AMS

Tot Ion: 65 Resp: 109043

Ion Ratio Lower Upper

65 100

92 122.2 53.9 80.9#

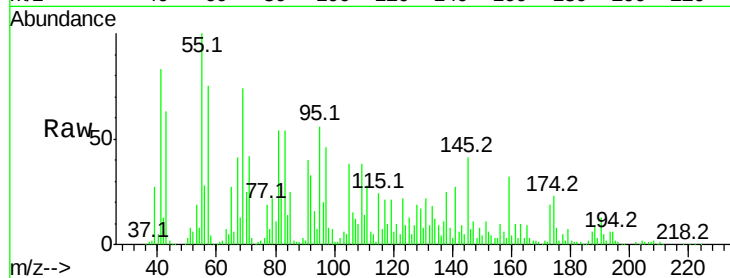
138 92.8 76.8 115.2

Manual Integrations

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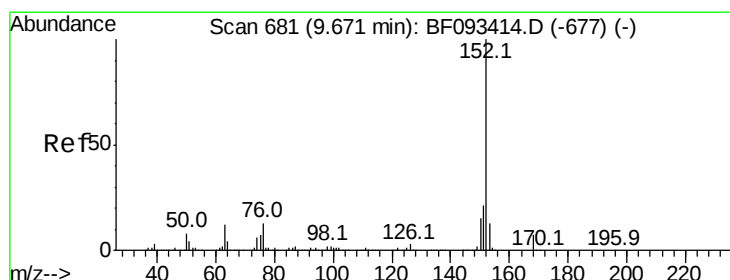
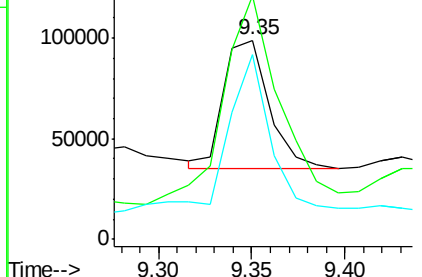
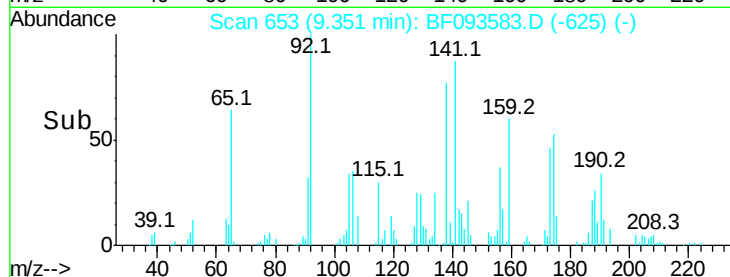


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

Time-->



#48

Acenaphthylene

Concen: 38.75 ng

RT: 9.67 min Scan# 681

Delta R.T. 0.05 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

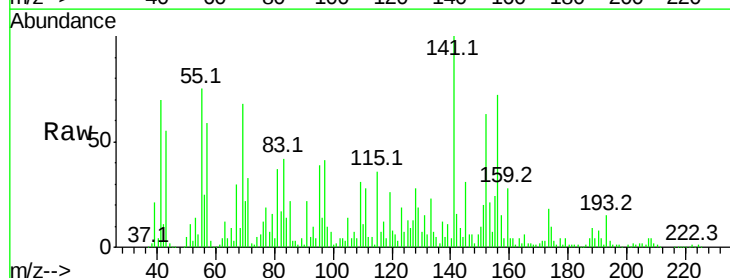
Tgt Ion: 152 Resp: 458865

Ion Ratio Lower Upper

152 100

151 31.0 16.9 25.3#

153 33.8 11.4 17.2#

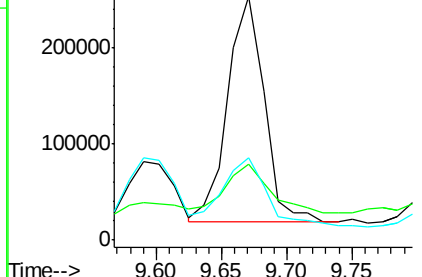
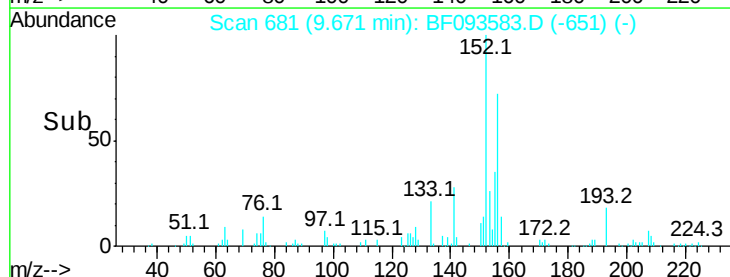


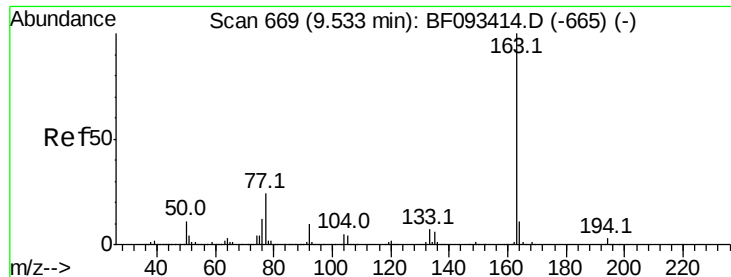
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

Time-->





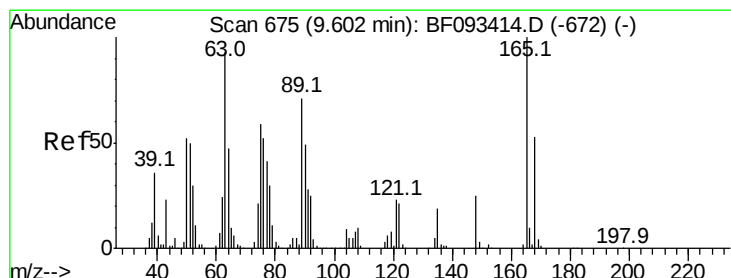
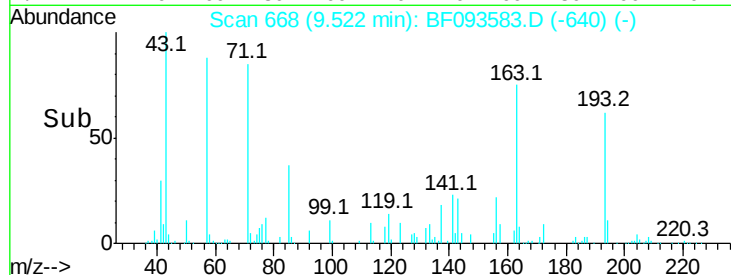
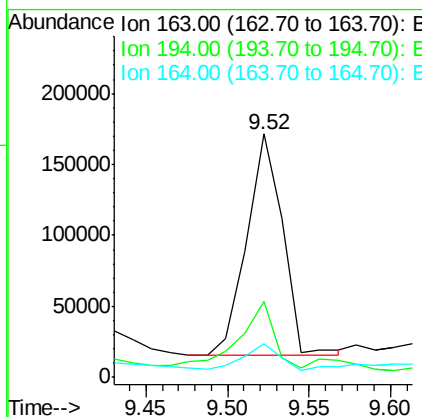
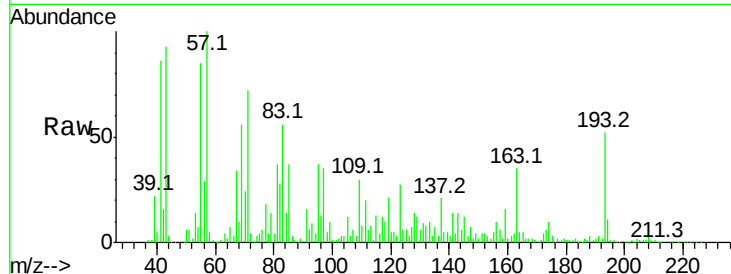
#49
Dimethylphthalate
Concen: 27.88 ng
RT: 9.52 min Scan# 668
Delta R.T. 0.02 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Instrument :
BNA_F
ClientSampleId :
HY-SB419AMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	31.2	3.0	4.4#	
164	13.6	8.0	12.0#	

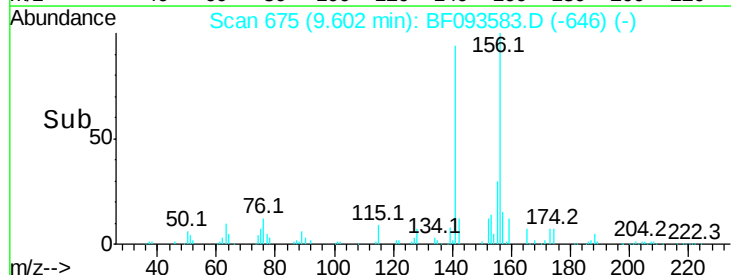
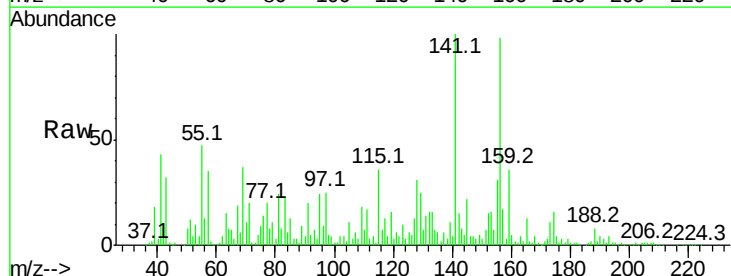
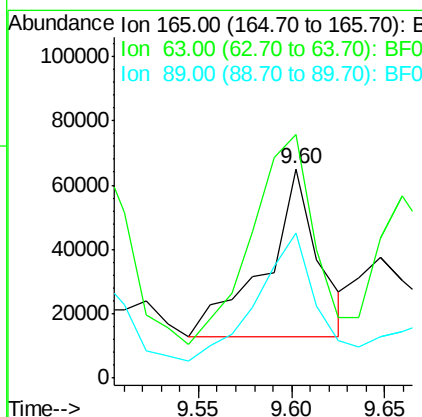
Manual Integrations
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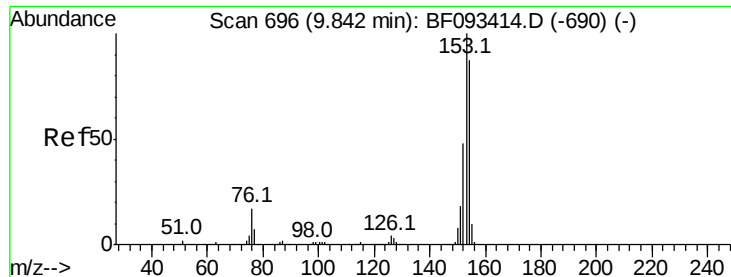
mohammad
3/15/2017 5:33:02 PM



#50
2,6-Dinitrotoluene
Concen: 54.90 ng
RT: 9.60 min Scan# 675
Delta R.T. 0.03 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	116.4	36.2	54.4#	
89	69.3	40.2	60.4#	





#51

Acenaphthene

Concen: 61.53 ng

RT: 9.84 min Scan# 696

Delta R.T. 0.05 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

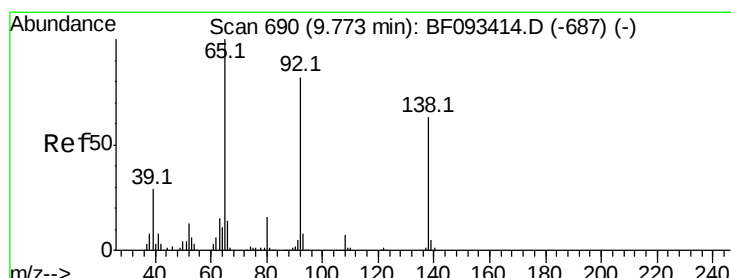
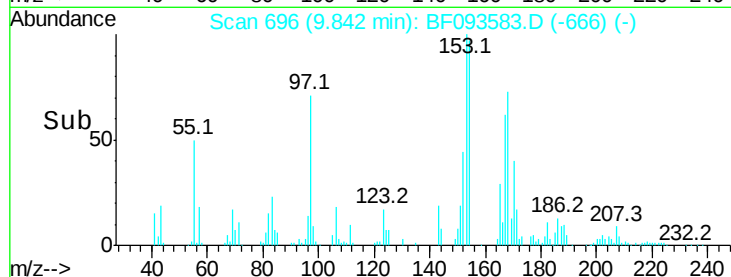
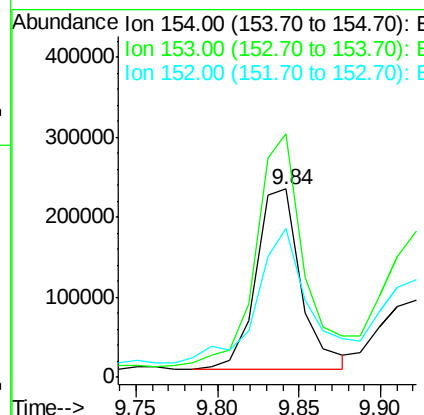
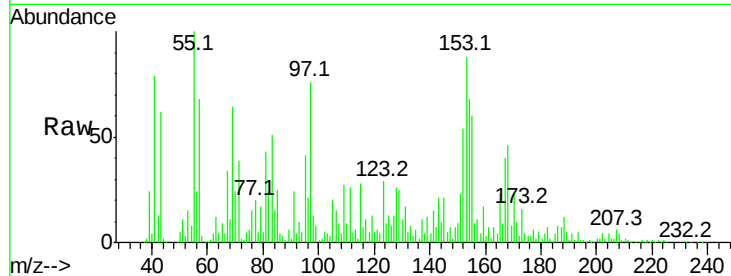
ClientSampleId :

HY-SB419AMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	129.5	88.6	133.0
152	79.4	41.6	62.4

Manual Integrations
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mohammad
3/15/2017 5:33:02 PM



#52

3-Nitroaniline

Concen: 49.63 ng

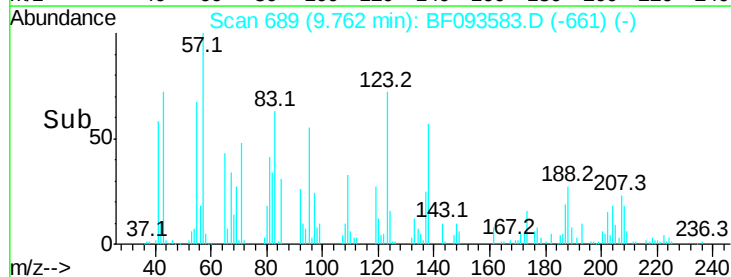
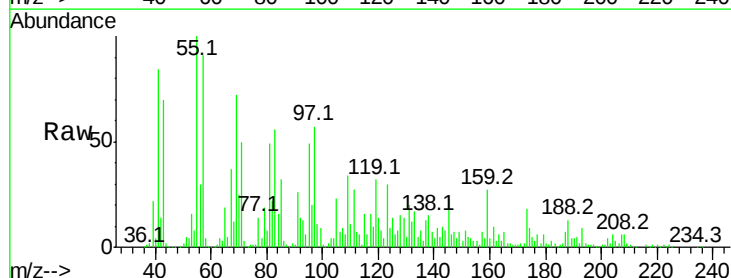
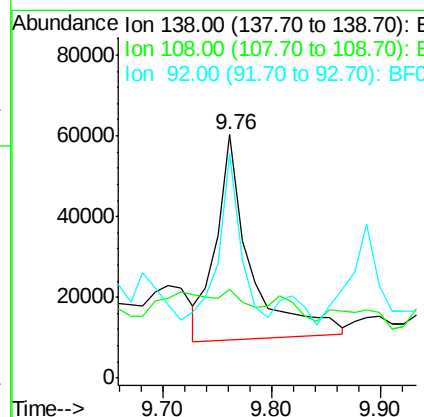
RT: 9.76 min Scan# 689

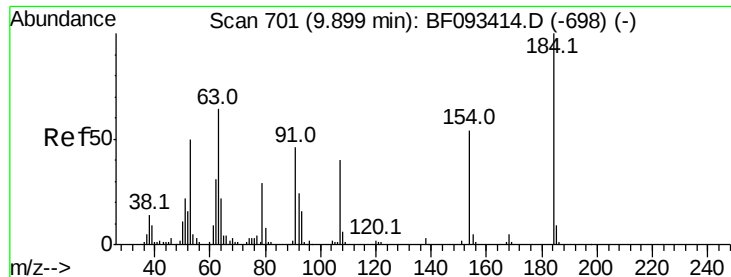
Delta R.T. 0.02 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Lower	Upper
138	100		
108	36.5	8.5	12.7
92	91.9	97.8	146.8





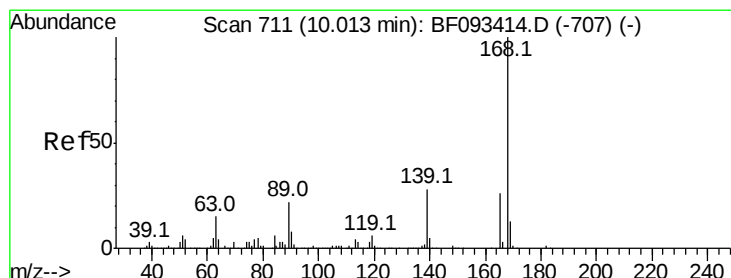
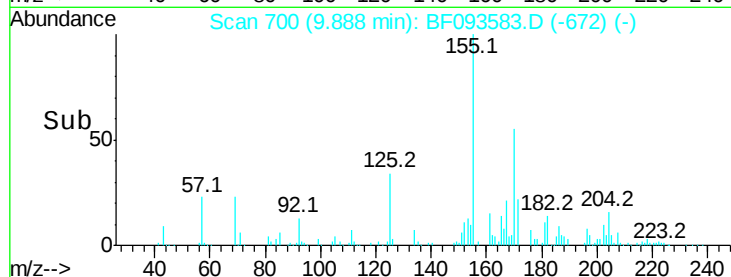
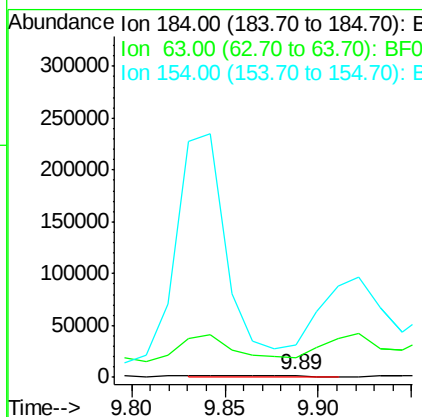
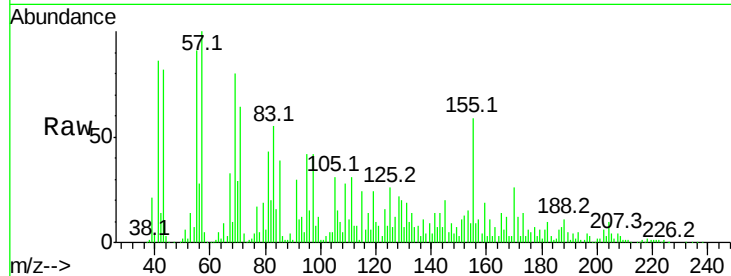
#53
2,4-Dinitrophenol
Concen: 2.89 ng
RT: 9.89 min Scan# 700
Delta R.T. 0.02 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Instrument :
BNA_F
ClientSampleId :
HY-SB419AMS

Tot Ion:184 Resp: 2465
Ion Ratio Lower Upper
184 100
63 1033.5 28.4 42.6
154 1739.4 44.3 66.5

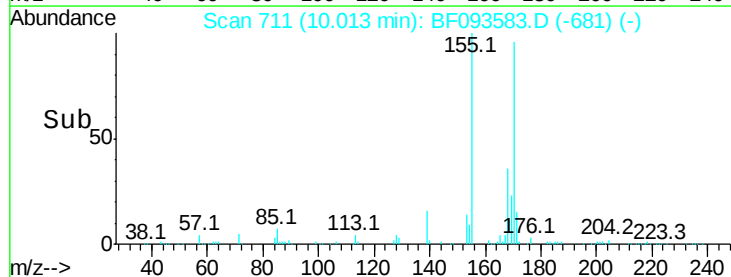
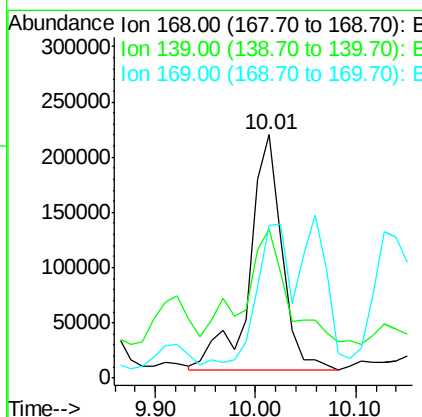
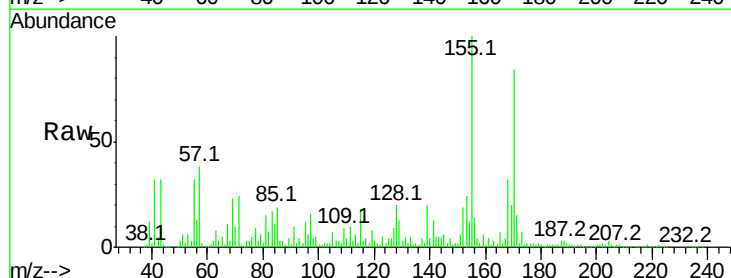
Manual Integrations
APPROVED

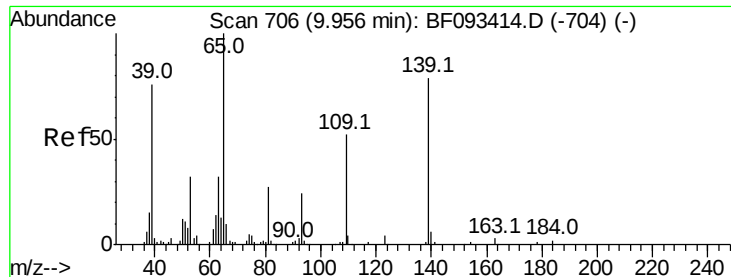
mohammad
3/15/2017 5:33:02 PM



#54
Dibenzofuran
Concen: 54.73 ng
RT: 10.01 min Scan# 711
Delta R.T. 0.05 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion:168 Resp: 479691
Ion Ratio Lower Upper
168 100
139 61.0 32.6 49.0#
169 62.9 11.3 16.9#





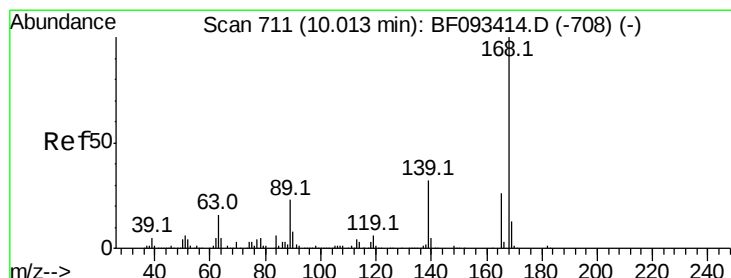
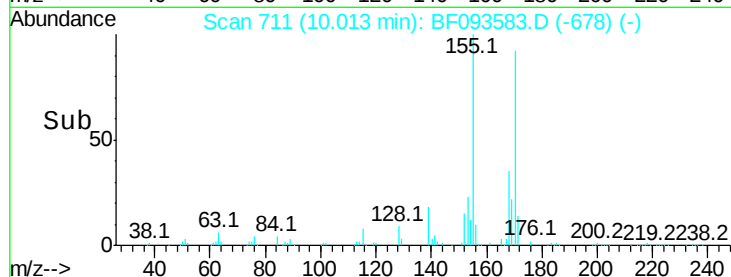
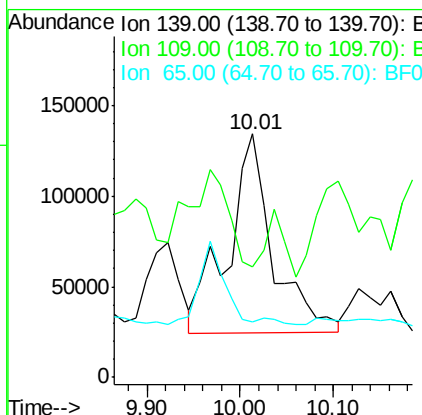
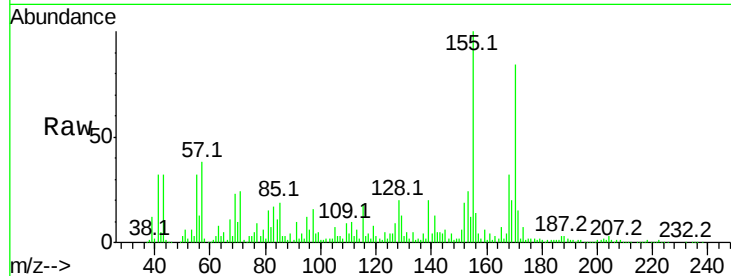
#55
4-Nitrophenol
Concen: 336.78 ng
RT: 10.01 min Scan# 711
Delta R.T. 0.08 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Instrument :
BNA_F
ClientSampleId :
HY-SB419AMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	45.2	52.2	92.2#	
65	23.0	85.8	125.8#	

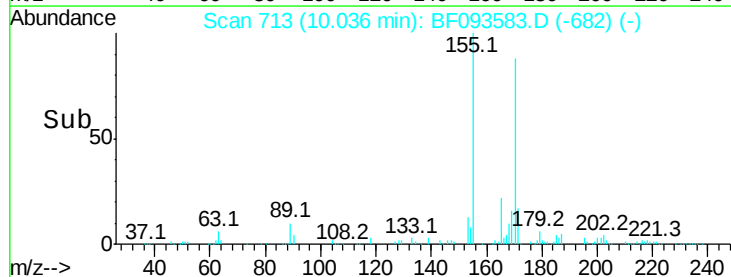
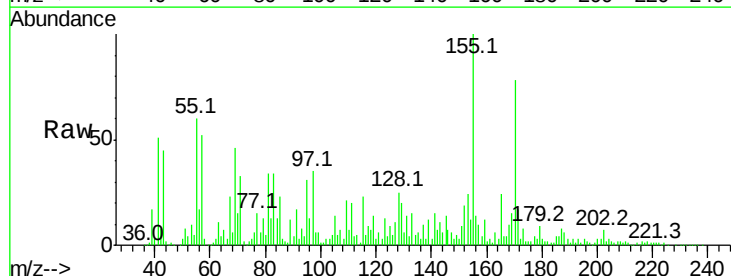
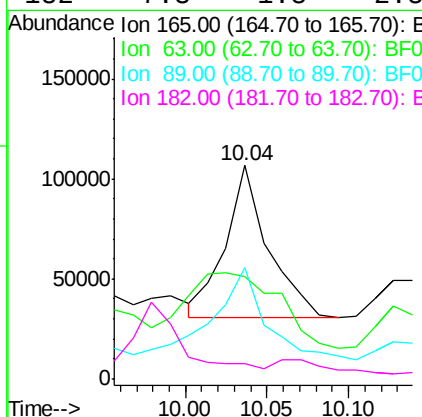
Manual Integrations
APPROVED

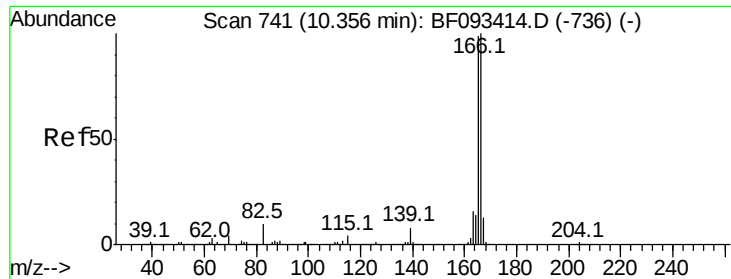
mohammad
3/15/2017 5:33:02 PM



#56
2,4-Dinitrotoluene
Concen: 59.79 ng
RT: 10.04 min Scan# 713
Delta R.T. 0.06 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.0	40.2	60.4	
89	52.4	62.5	93.7#	
182	7.3	1.8	2.8#	





#57

Fluorene

Concen: 79.81 ng

RT: 10.36 min Scan# 741

Delta R.T. 0.05 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampleId :

HY-SB419AMS

Tot Ion:166 Resp: 592729

Ion Ratio Lower Upper

166 100

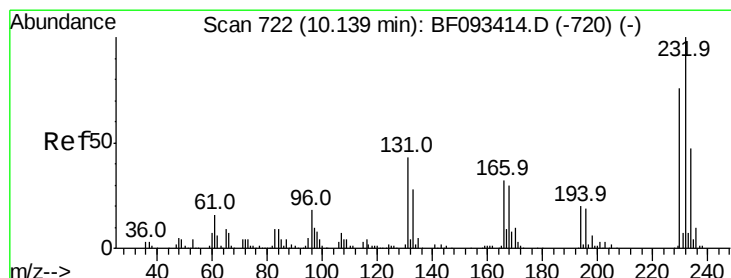
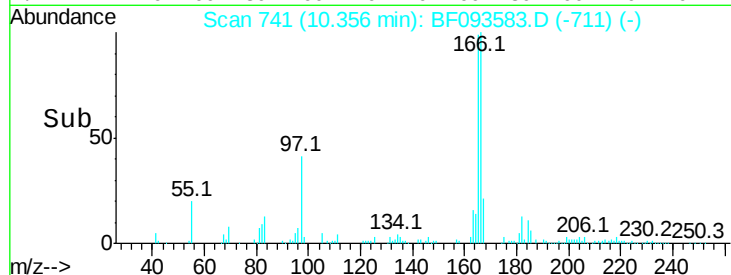
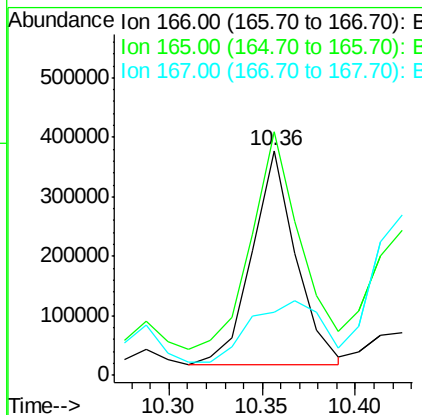
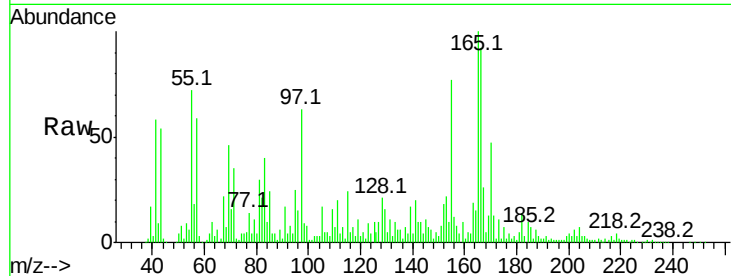
165 108.2 77.8 116.8

167 27.9 10.8 16.2#

Manual Integrations
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mohammad

3/15/2017 5:33:02 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 29.26 ng

RT: 10.15 min Scan# 723

Delta R.T. 0.06 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Tgt Ion:232 Resp: 48669

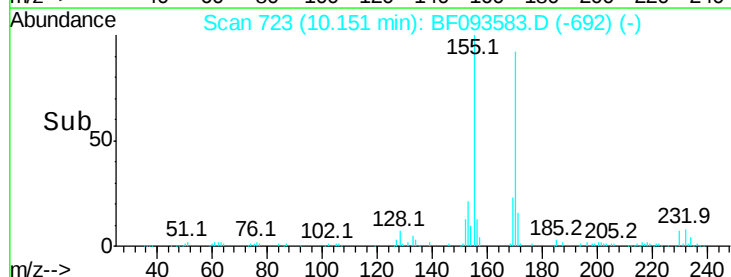
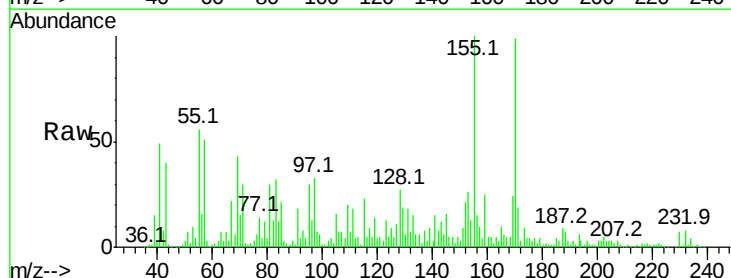
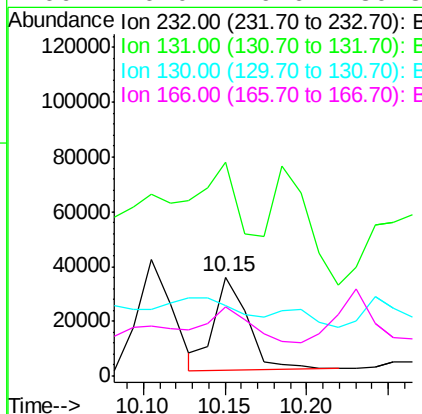
Ion Ratio Lower Upper

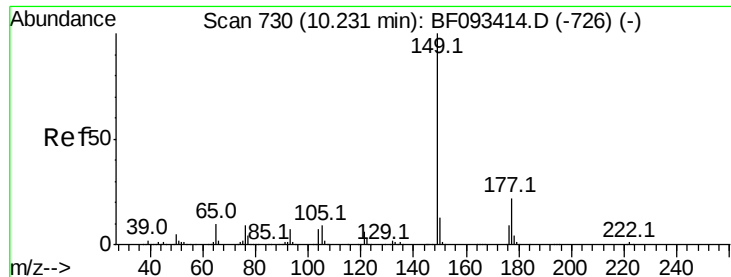
232 100

131 358.6 40.1 60.1#

130 0.0 1.8 2.8#

166 46.0 26.6 39.8#





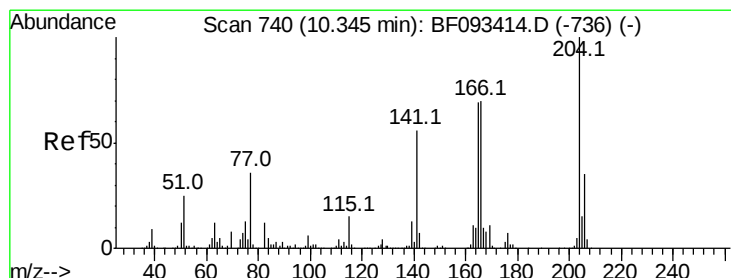
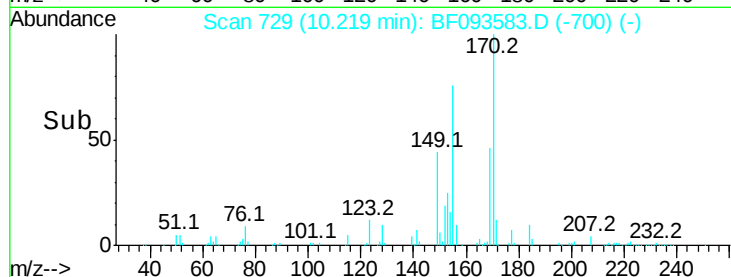
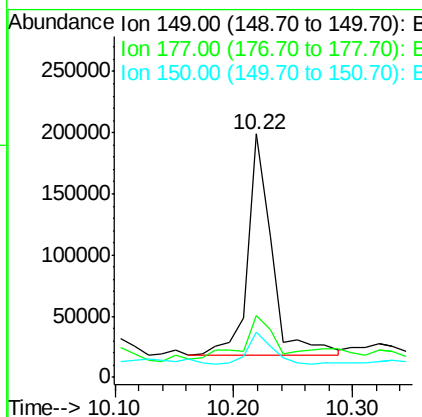
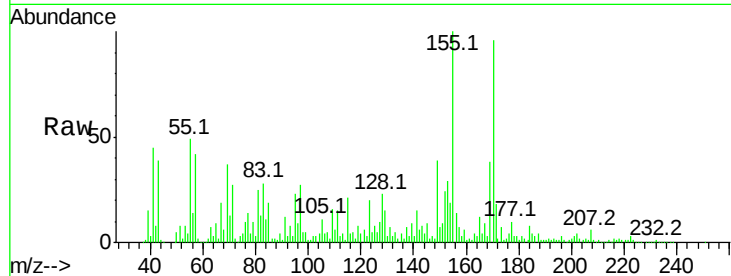
#59
Diethylphthalate
Concen: 31.39 ng
RT: 10.22 min Scan# 729
Delta R.T. 0.03 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Instrument :
BNA_F
ClientSampled :
HY-SB419AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	256090		
177	25.5	16.6	25.0#	
150	18.6	10.4	15.6#	

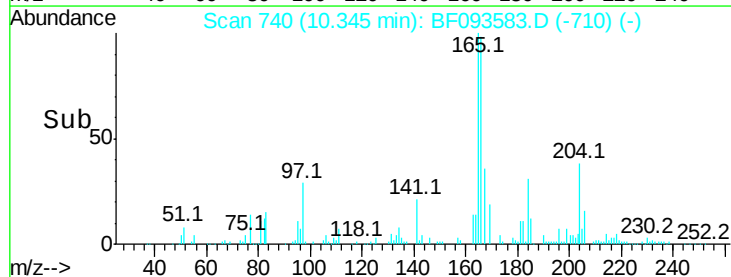
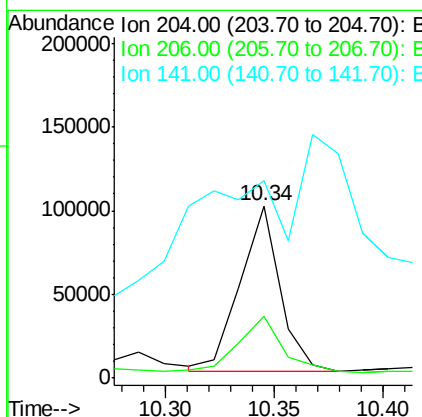
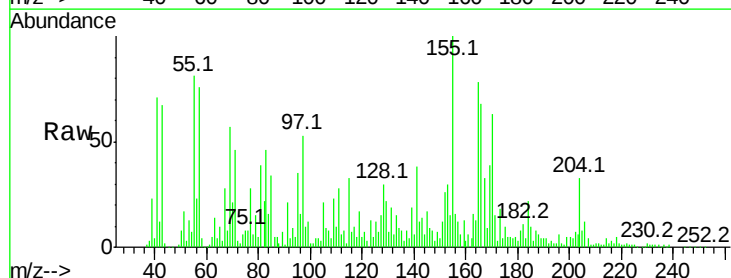
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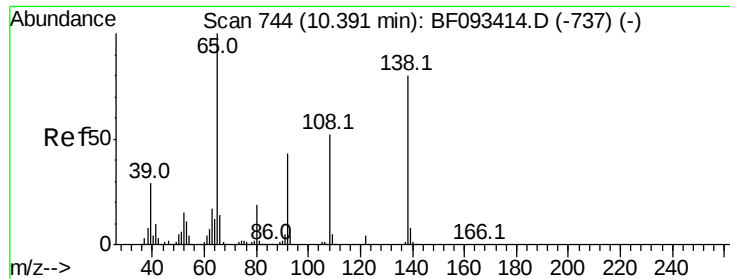
mohammad
3/15/2017 5:33:02 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.01 ng
RT: 10.34 min Scan# 740
Delta R.T. 0.05 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	126525		
206	35.7	25.8	38.6	
141	114.3	59.4	89.0#	





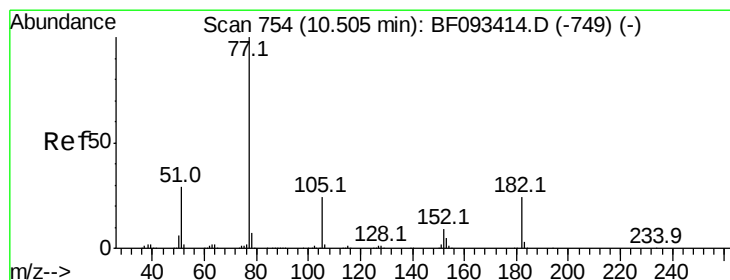
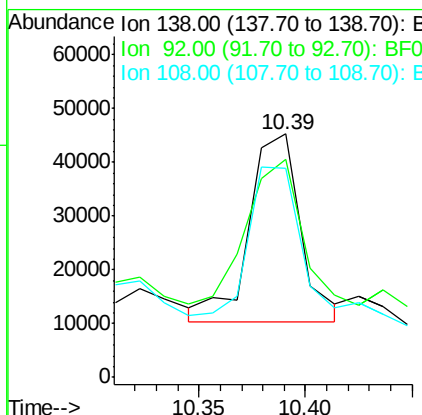
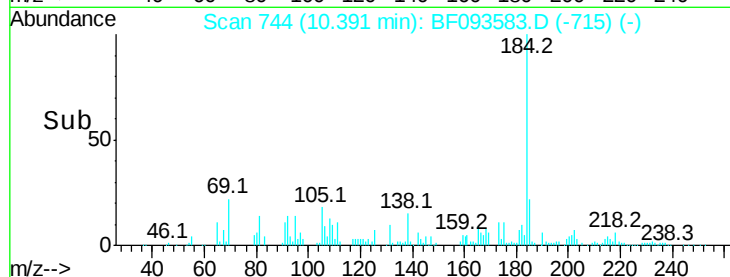
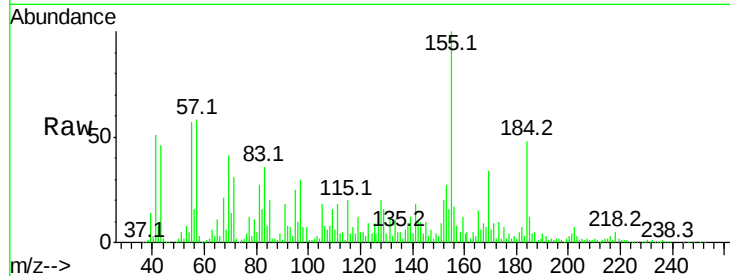
#61
4-Nitroaniline
Concen: 25.57 ng/mL
RT: 10.39 min Scan# 744
Delta R.T. 0.03 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Instrument :
BNA_F
ClientSampleId :
HY-SB419AMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	89.6	31.7	71.7#
108	85.8	52.6	92.6

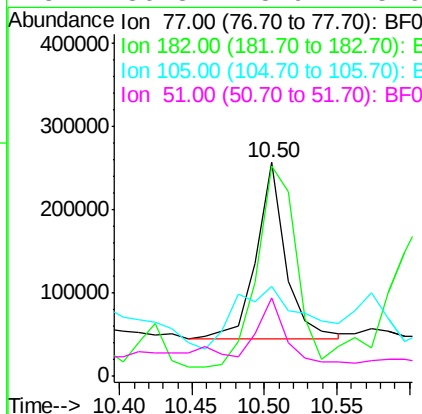
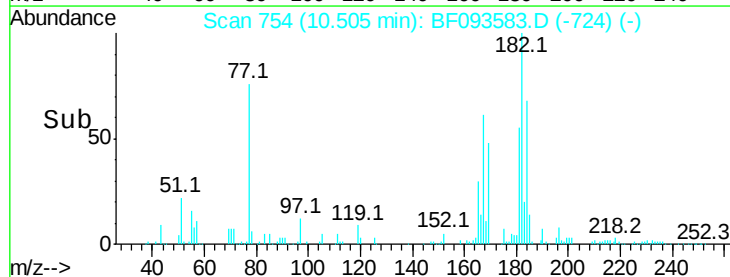
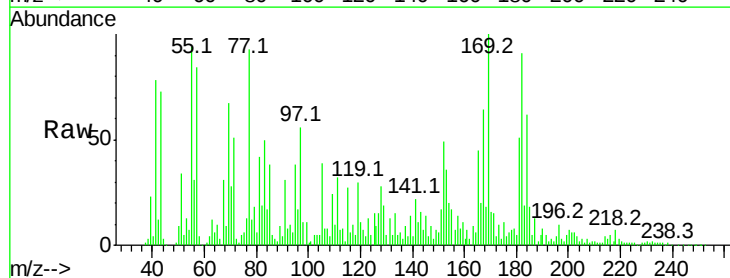
Manual Integrations
APPROVED

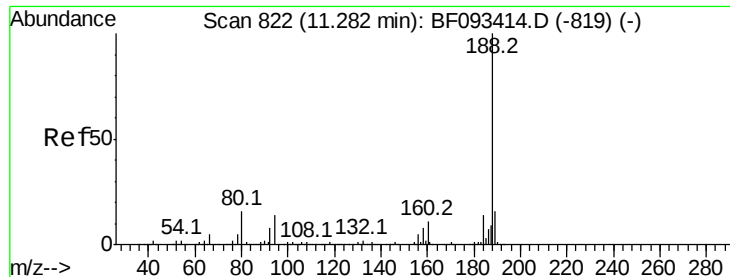
mohammad
3/15/2017 5:33:02 PM



#62
Azobenzene
Concen: 31.94 ng/mL
RT: 10.50 min Scan# 754
Delta R.T. 0.05 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Lower	Upper
77	100		
182	98.4	0.0	39.3#
105	41.8	2.3	42.3
51	36.3	8.9	48.9





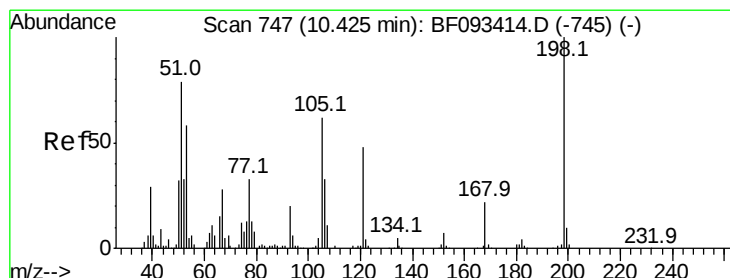
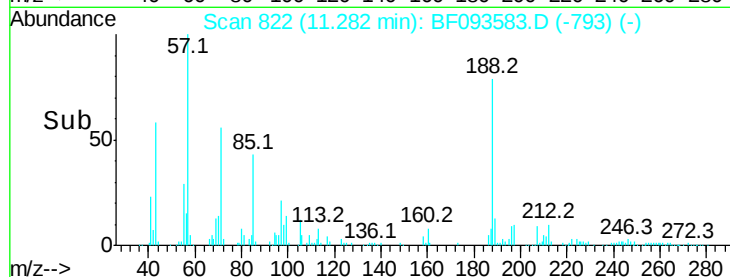
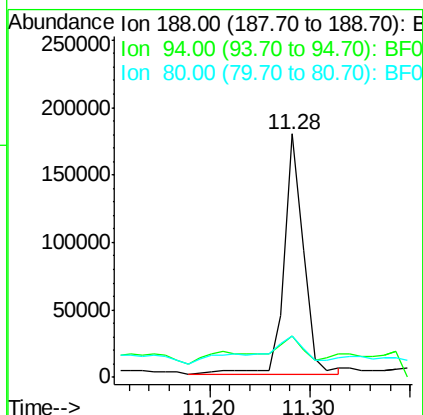
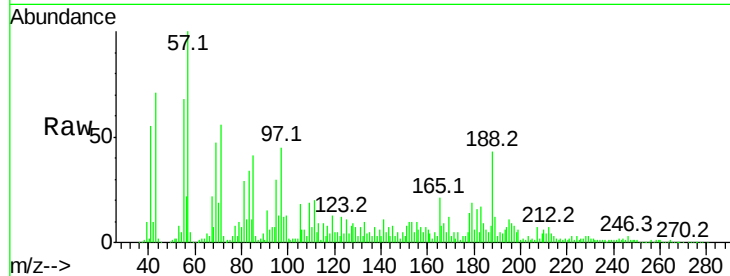
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 822
Delta R.T. 0.03 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Instrument :
BNA_F
ClientSampleId :
HY-SB419AMS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	236695		
94	16.9	10.0	15.0#	
80	17.1	11.2	16.8#	

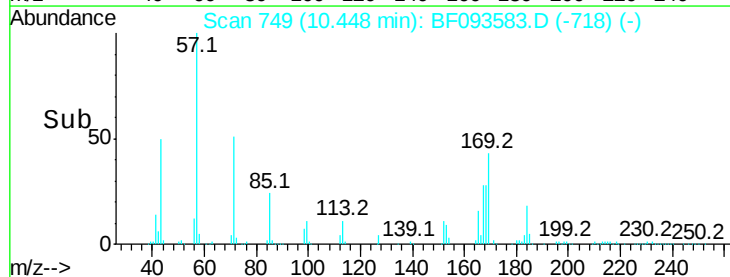
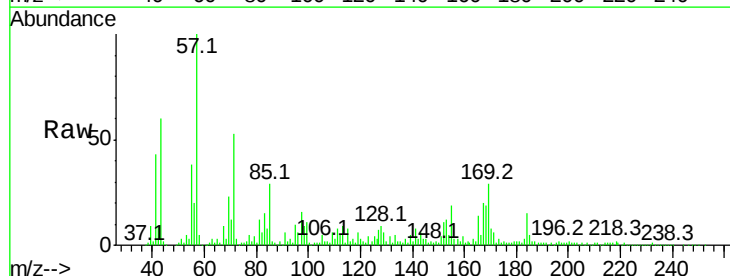
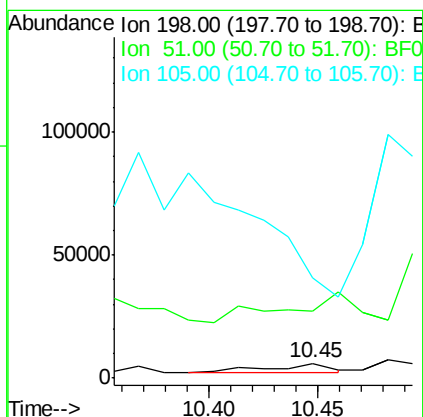
Manual Integrations
APPROVED

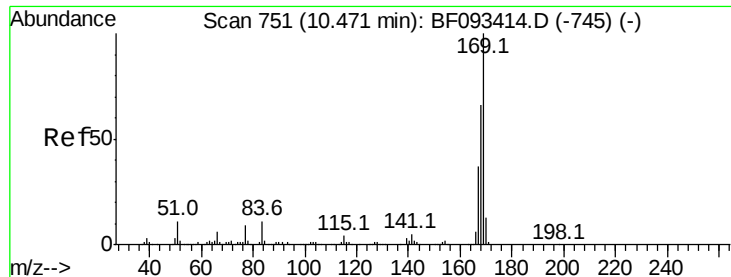
mohammad
3/15/2017 5:33:02 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 4.87 ng
RT: 10.45 min Scan# 749
Delta R.T. 0.06 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	7475		
51	459.9	6.7	46.7#	
105	691.1	16.6	56.6#	





#65

n-Nitrosodiphenylamine

Concen: 91.21 ng

RT: 10.47 min Scan# 751

Delta R.T. 0.05 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

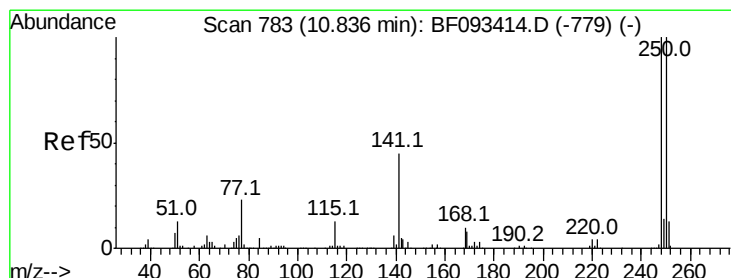
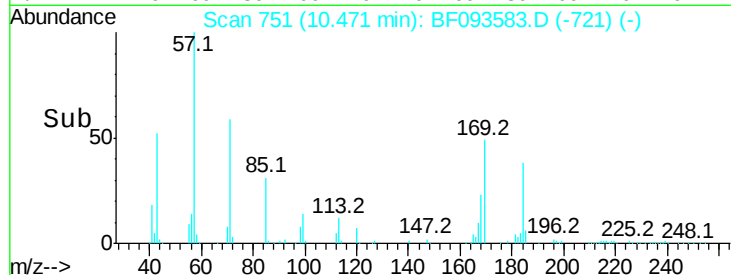
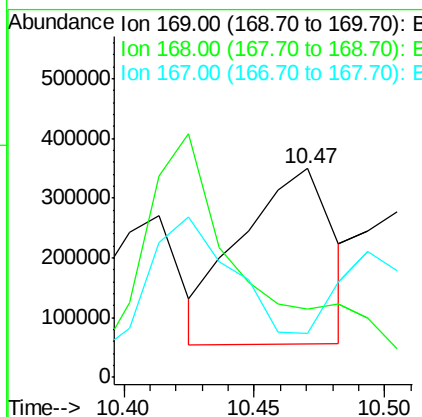
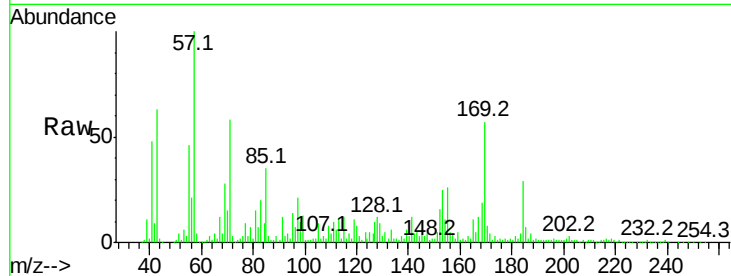
ClientSampled :

HY-SB419AMS

Tot Ion:	169	Resp:	720861
Ion Ratio	Lower	Upper	
169	100		
168	32.6	54.2	81.2#
167	20.9	30.2	45.4#

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 40.03 ng

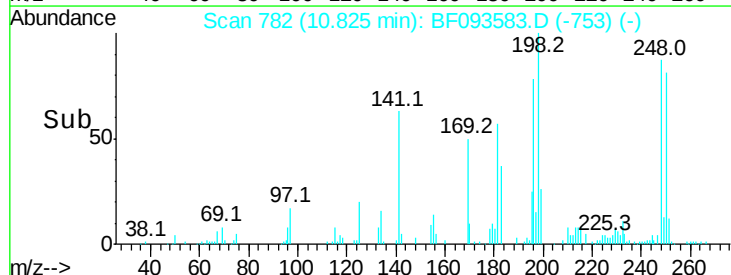
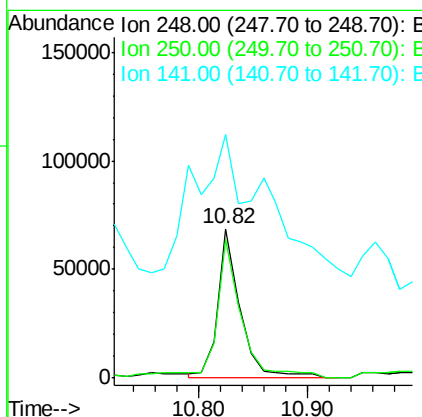
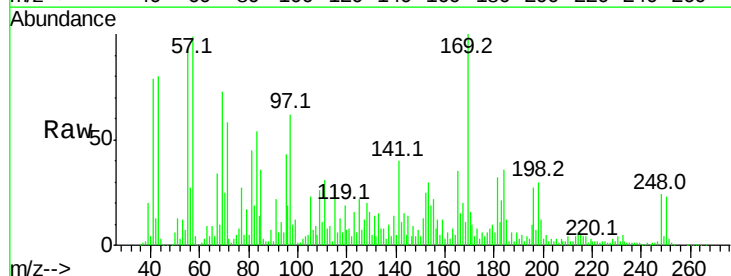
RT: 10.82 min Scan# 782

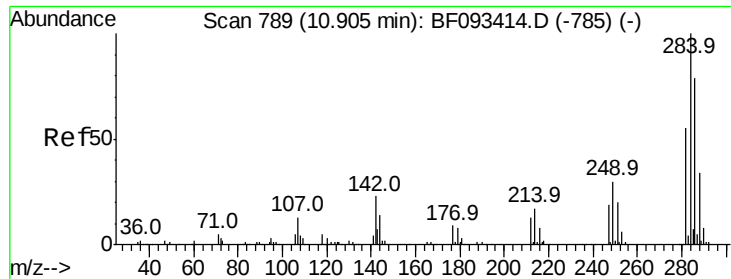
Delta R.T. 0.03 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Tgt Ion:	248	Resp:	100190
Ion Ratio	Lower	Upper	
248	100		
250	92.9	76.9	115.3
141	163.0	68.2	102.4#





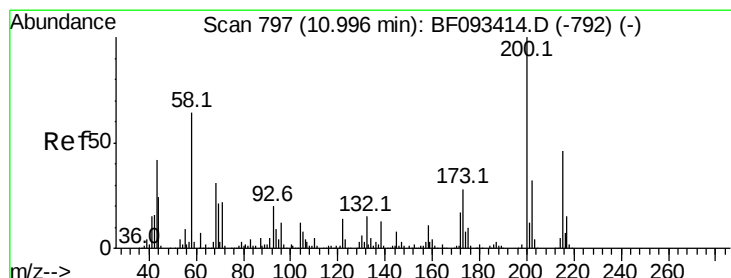
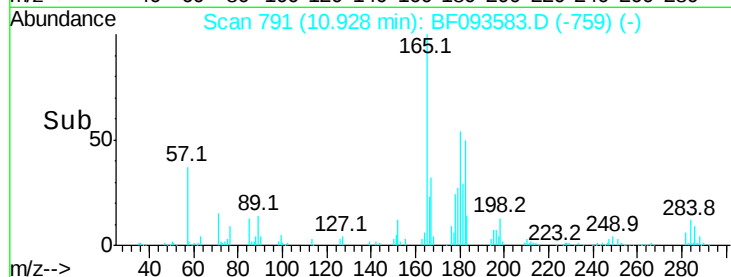
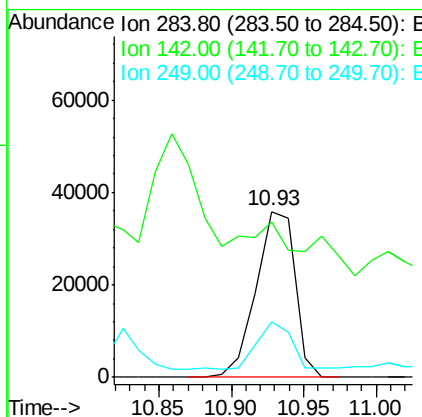
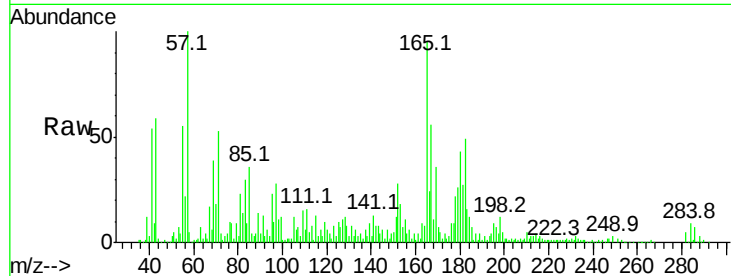
#67
Hexachlorobenzene
Concen: 27.94 ng
RT: 10.93 min Scan# 791
Delta R.T. 0.07 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Instrument :
BNA_F
ClientSampleId :
HY-SB419AMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	66788		
142	93.8	22.6	33.8#	
249	33.7	25.4	38.0	

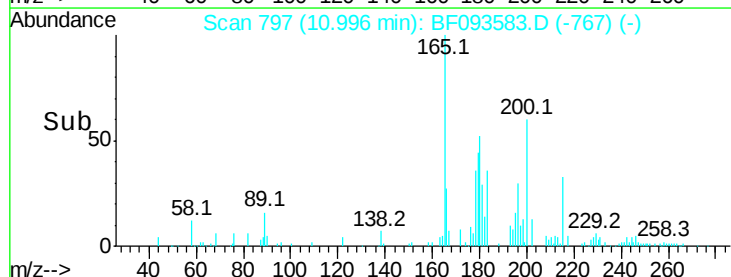
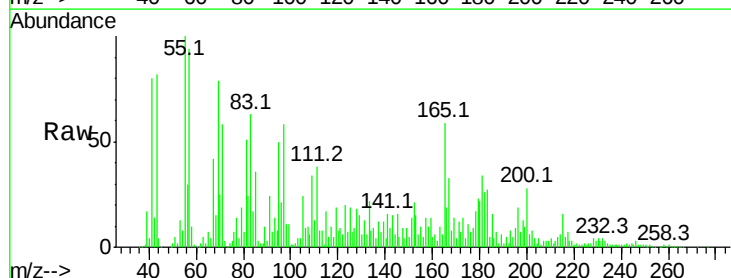
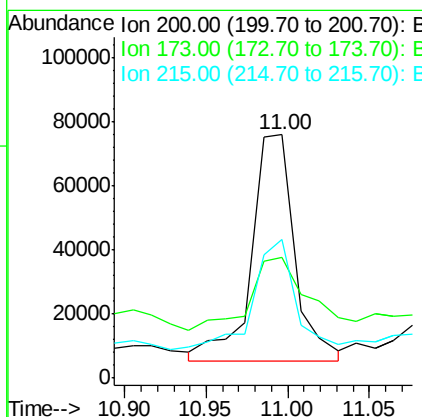
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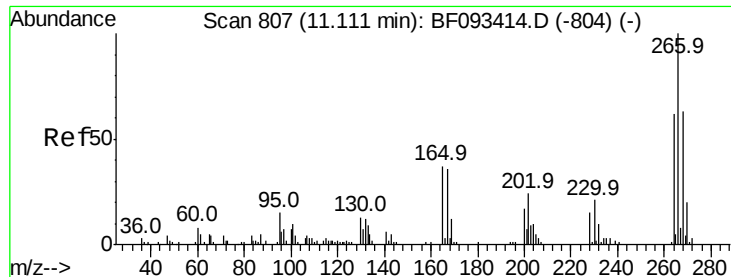
mohammad
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#68
Atrazine
Concen: 57.14 ng
RT: 11.00 min Scan# 797
Delta R.T. 0.05 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	132171		
173	49.6	9.6	49.6#	
215	56.7	25.7	65.7	





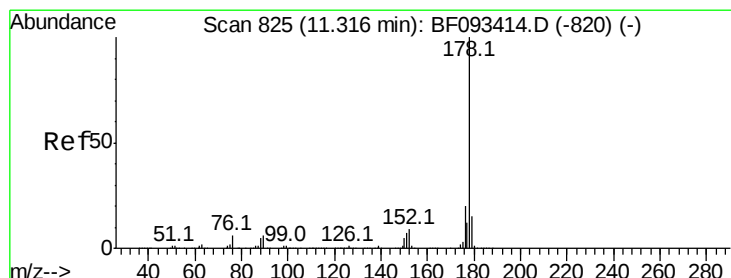
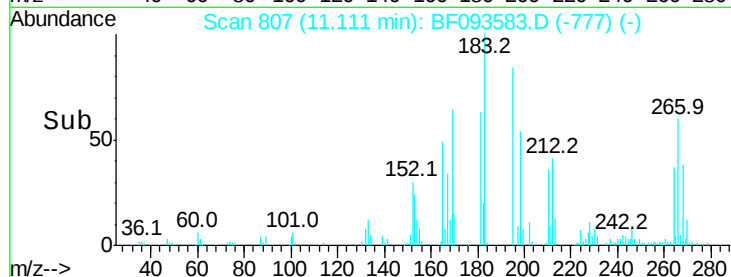
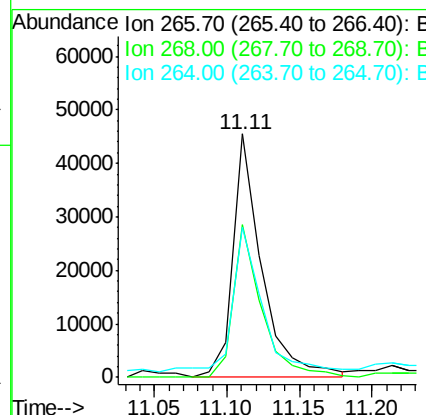
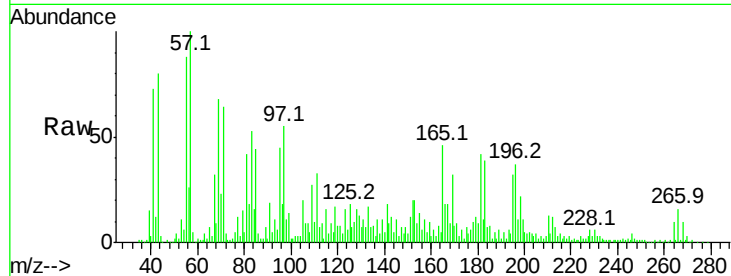
#69
 Pentachlorophenol
 Concen: 76.57 ng
 RT: 11.11 min Scan# 807
 Delta R.T. 0.05 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB419AMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.9	53.3	79.9	
264	61.9	50.3	75.5	

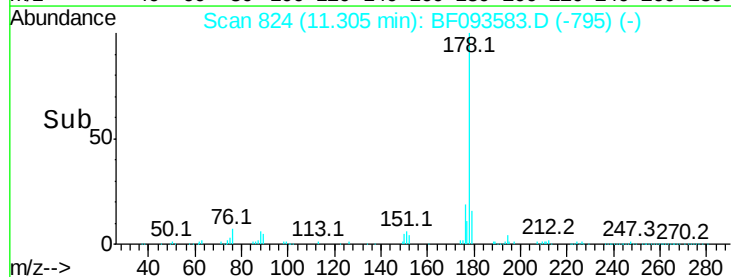
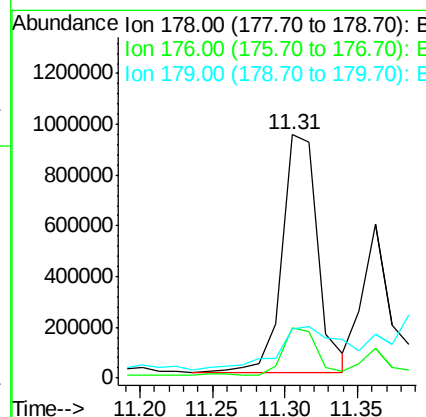
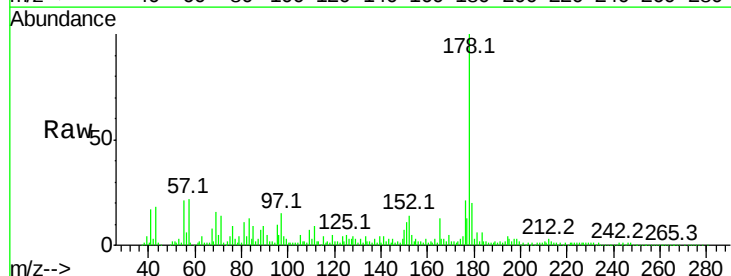
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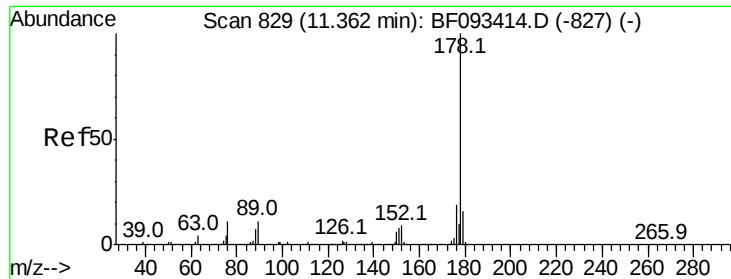
mohammad
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#70
 Phenanthrene
 Concen: 119.34 ng
 RT: 11.31 min Scan# 824
 Delta R.T. 0.03 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.6	16.6	25.0	
179	20.3	12.8	19.2	





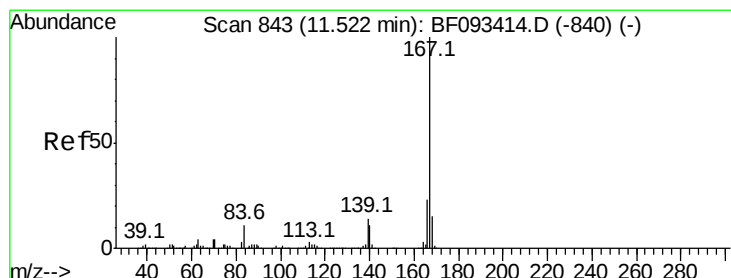
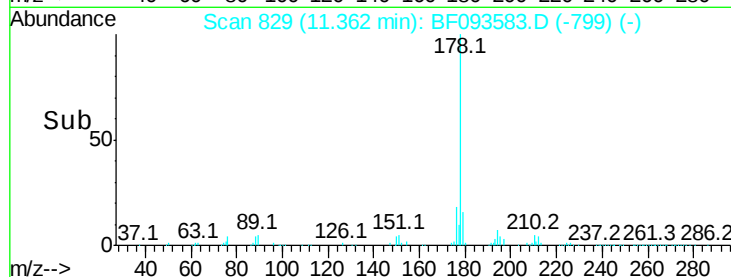
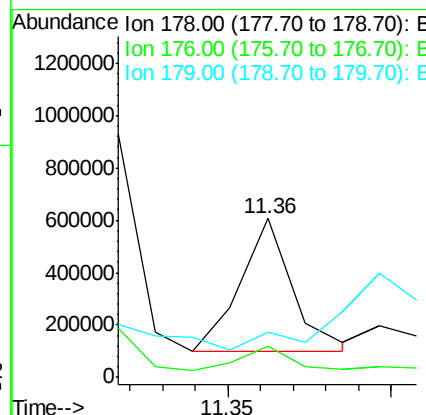
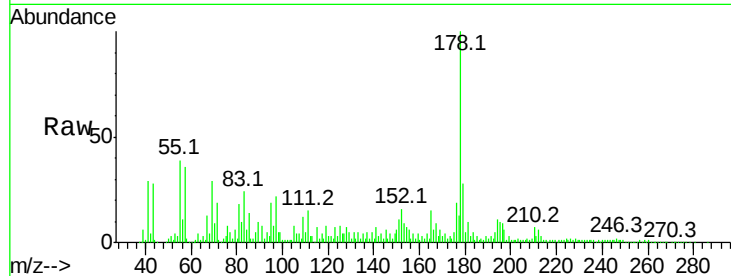
#71
 Anthracene
 Concen: 40.81 ng
 RT: 11.36 min Scan# 829
 Delta R.T. 0.05 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB419AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	28.1	13.2	19.8

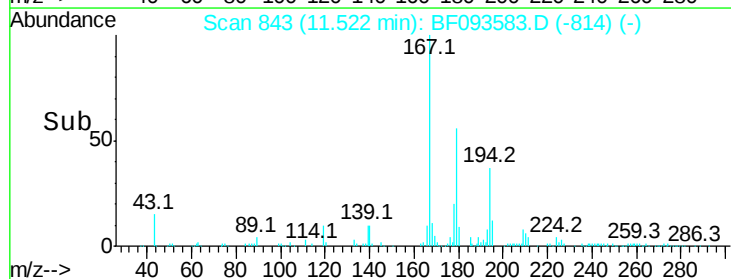
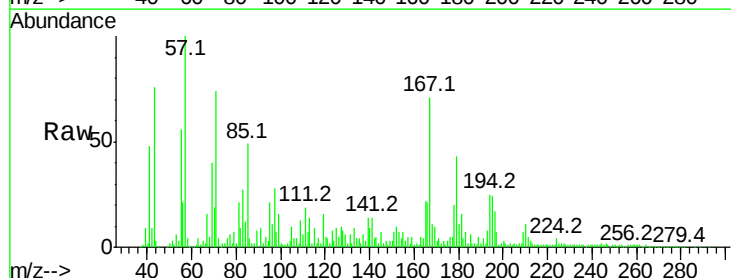
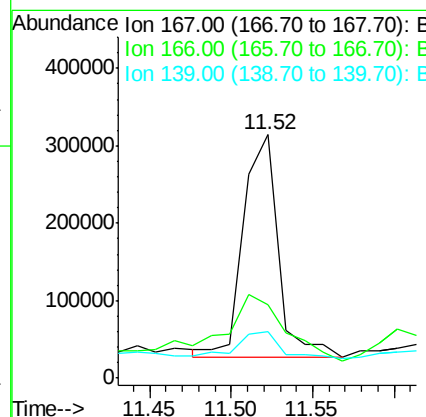
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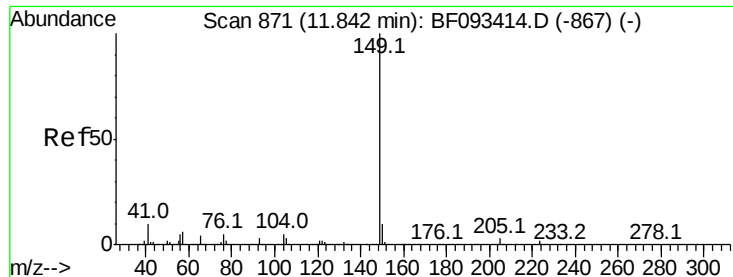
mohammad
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#72
 Carbazole
 Concen: 33.09 ng
 RT: 11.52 min Scan# 843
 Delta R.T. 0.03 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Lower	Upper
167	100		
166	30.1	18.2	27.2
139	19.0	11.4	17.2





#73

Di-n-butylphthalate

Concen: 46.06 ng

RT: 11.83 min Scan# 870

Delta R.T. 0.02 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

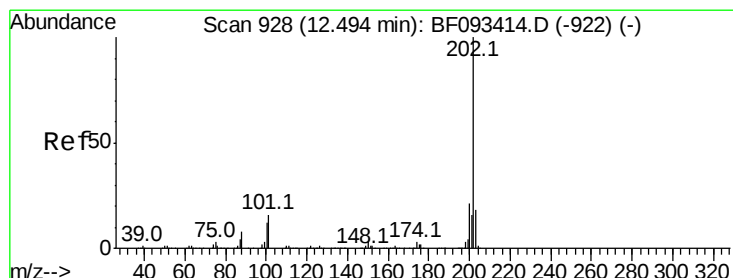
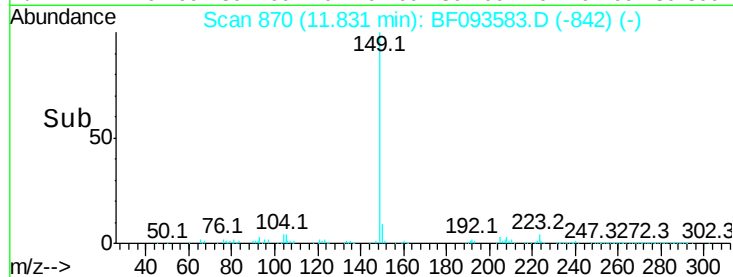
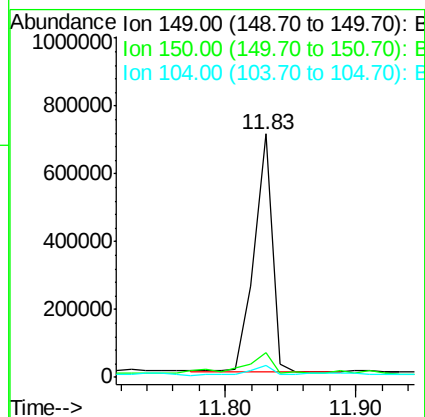
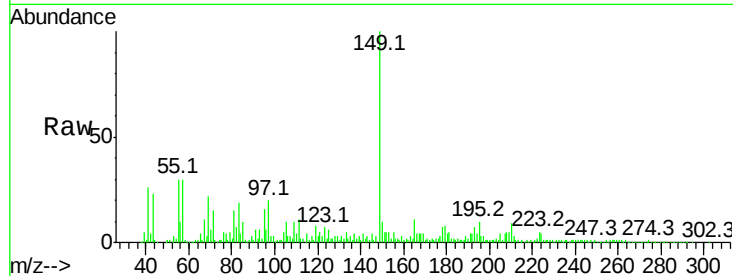
ClientSampleId :

HY-SB419AMS

Tot Ion:	149	Resp:	684183
Ion Ratio	Lower	Upper	
149	100		
150	10.4	8.1	12.1
104	5.1	4.6	7.0

Manual Integrations
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#74

Fluoranthene

Concen: 63.76 ng

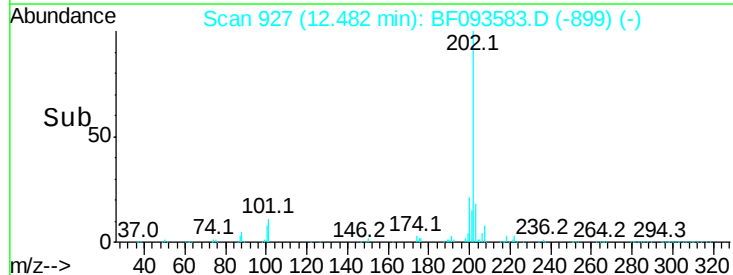
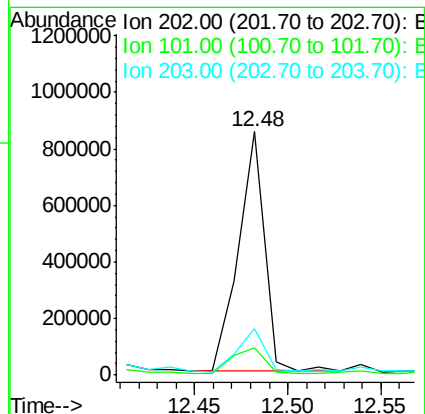
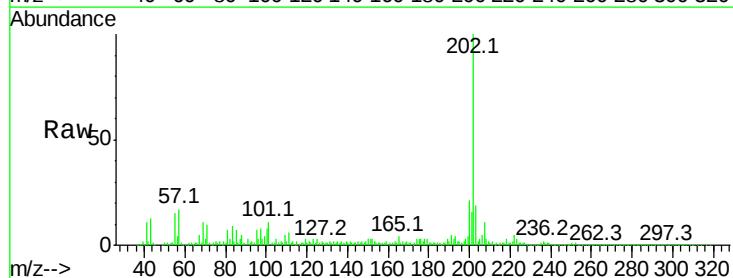
RT: 12.48 min Scan# 927

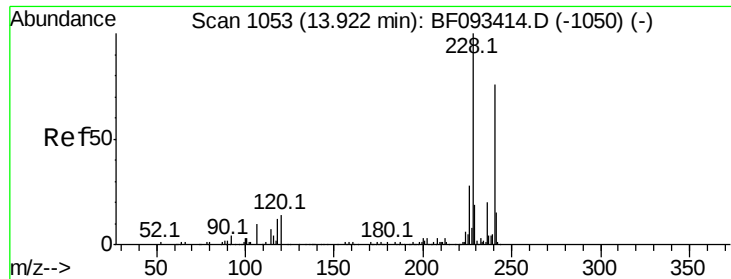
Delta R.T. 0.02 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Tgt Ion:	202	Resp:	832081
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	34.6
203	18.9	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

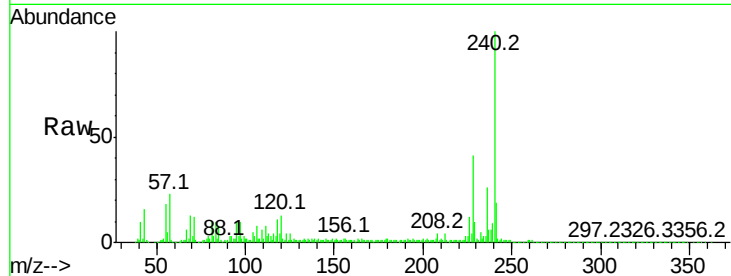
ClientSampleId :

HY-SB419AMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.9	12.9	19.3
236	26.0	20.9	31.3

Manual Integrations
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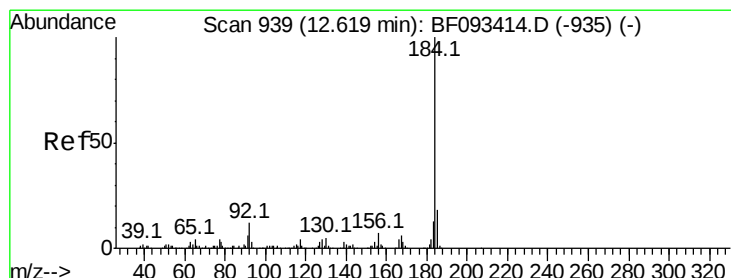
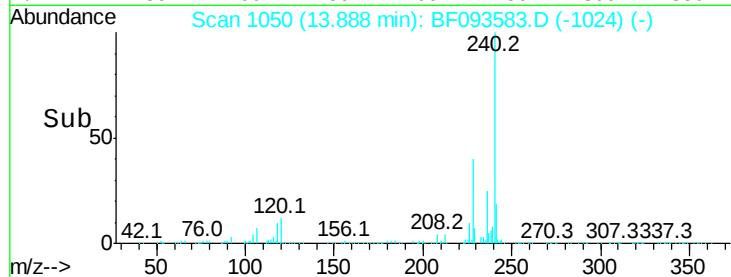
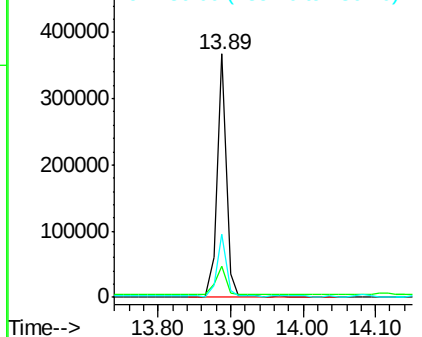
mohammad
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 9.09 ng

RT: 12.60 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF093583.D

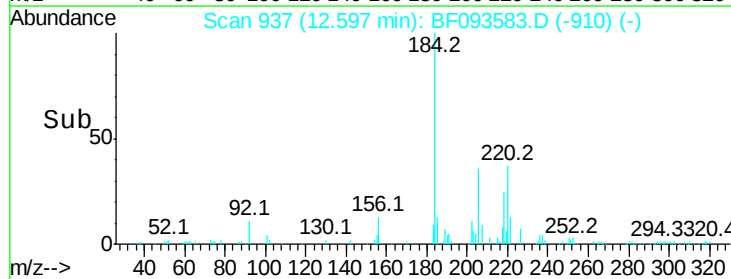
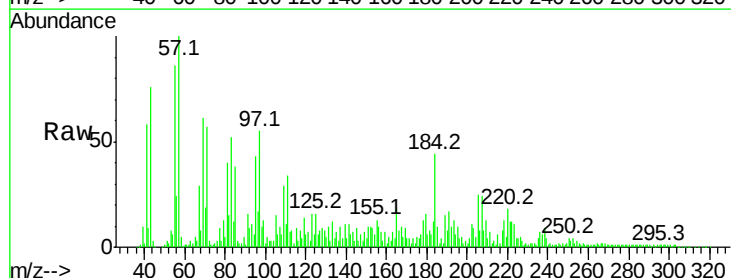
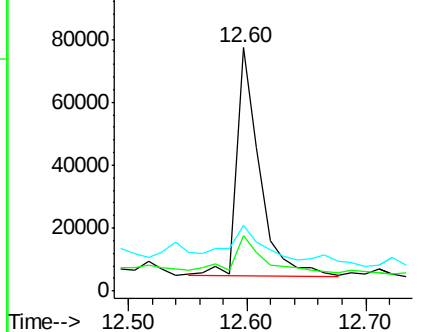
Acq: 11 Mar 2017 22:33

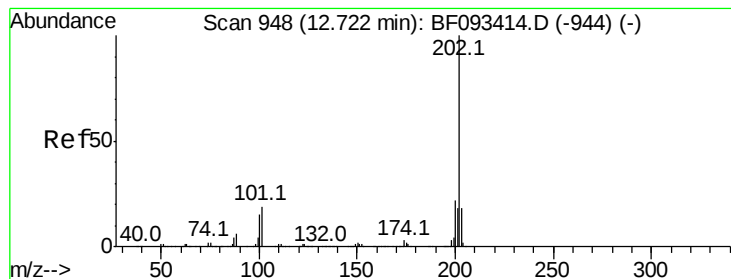
Tgt Ion	Ratio	Lower	Upper
184	100		
185	22.6	13.4	20.0#
183	27.2	9.2	13.8#

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.99 ng

RT: 12.70 min Scan# 946

Delta R.T. 0.02 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

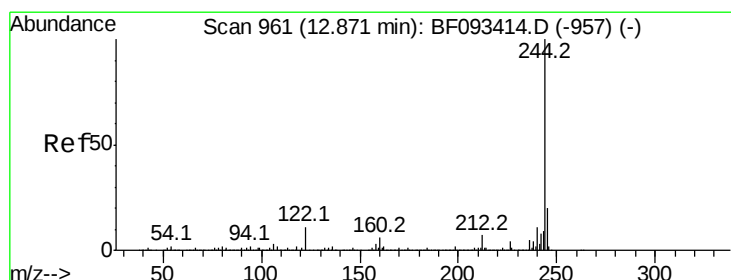
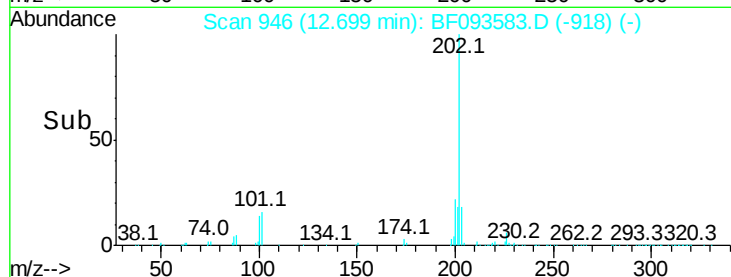
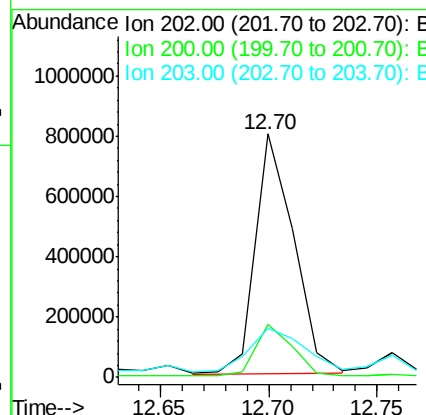
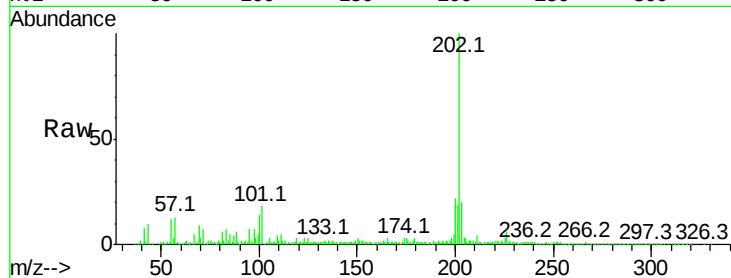
ClientSampleId :

HY-SB419AMS

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.7	17.7	26.5	
203	20.0	14.7	22.1	

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#78

Terphenyl-d14

Concen: 61.88 ng

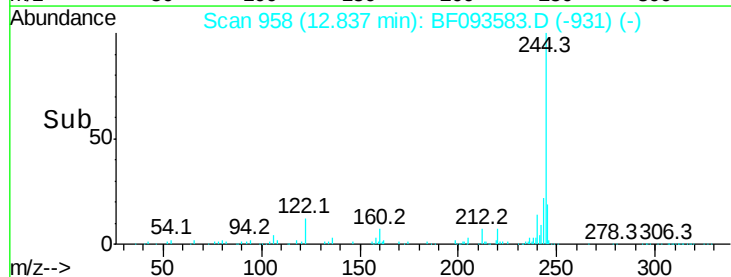
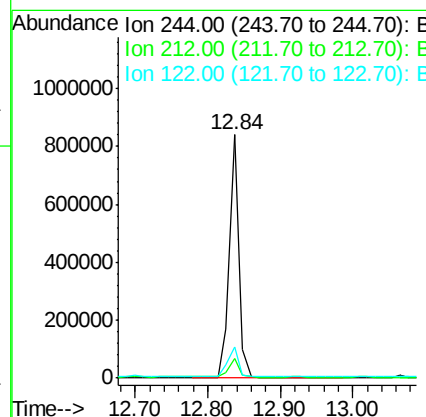
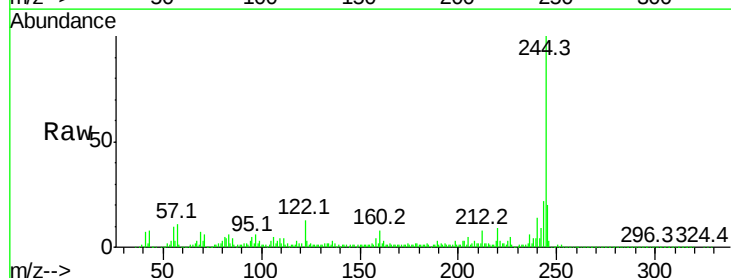
RT: 12.84 min Scan# 958

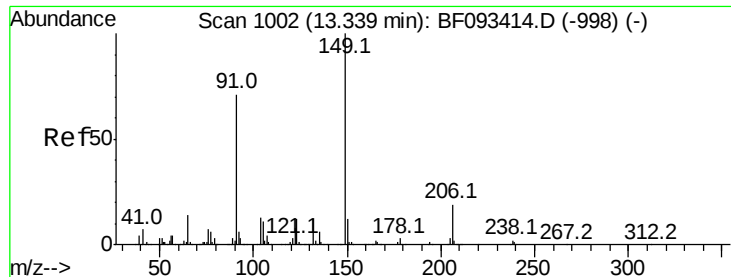
Delta R.T. 0.01 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	8.1	6.2	9.2	
122	12.8	11.4	17.2	





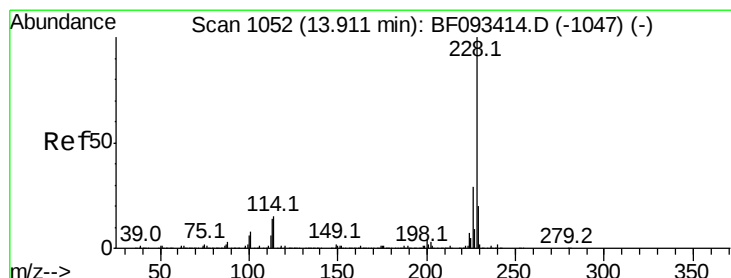
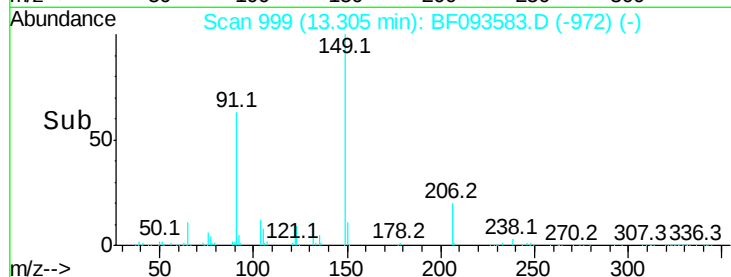
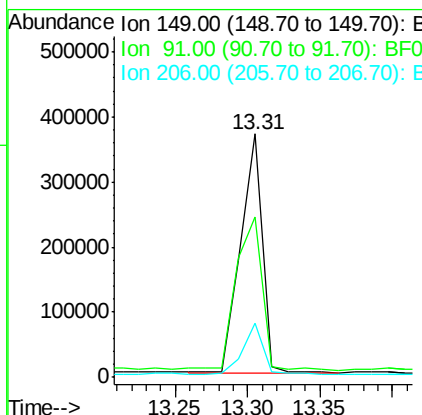
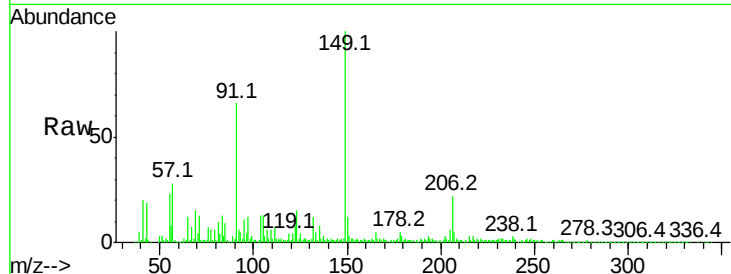
#79
Butylbenzylphthalate
Concen: 38.50 ng
RT: 13.31 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Instrument :
BNA_F
ClientSampleId :
HY-SB419AMS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	66.0	63.9	95.9
206	22.2	14.6	21.8

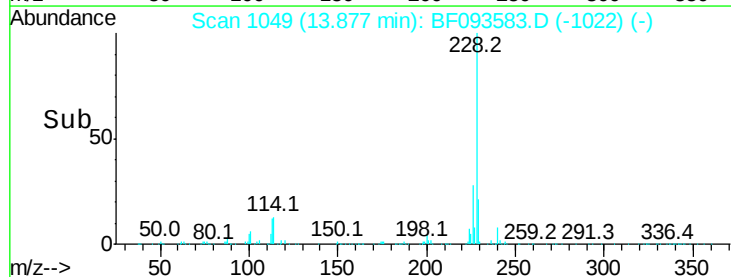
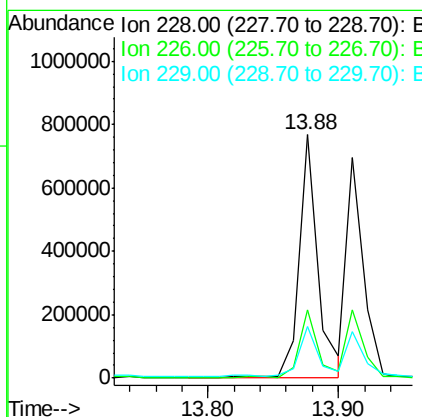
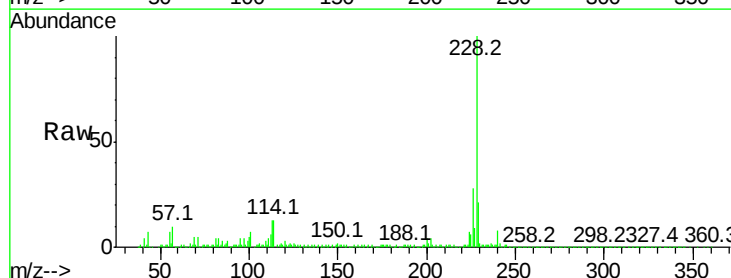
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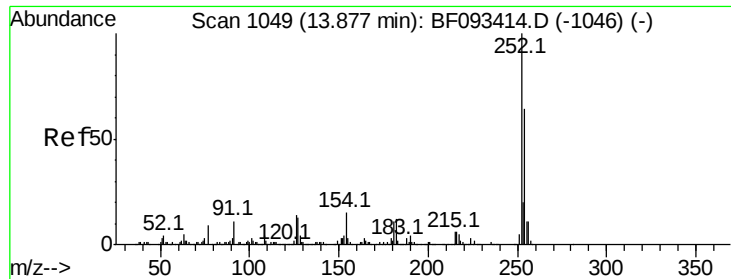
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#80
Benzo(a)anthracene
Concen: 39.83 ng
RT: 13.88 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.1	22.4	33.6
229	21.1	16.2	24.4





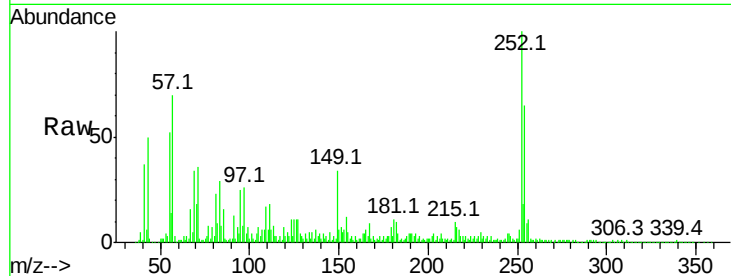
#81
 3,3'-Dichlorobenzidine
 Concen: 24.59 ng
 RT: 13.84 min Scan# 1046
 Delta R.T. 0.01 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB419AMS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.9	52.3	78.5
126	11.1	13.6	20.4

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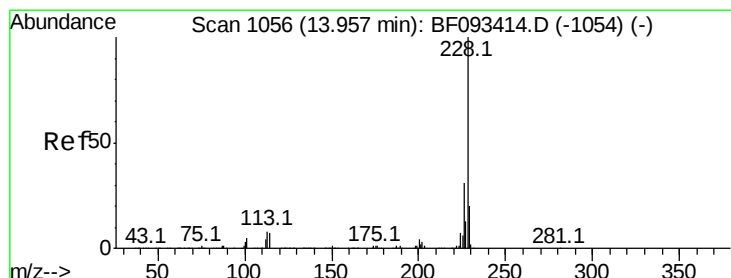
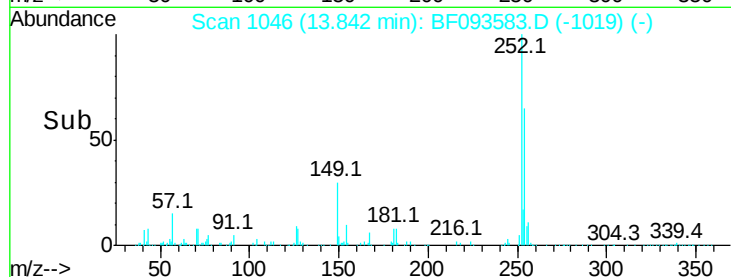
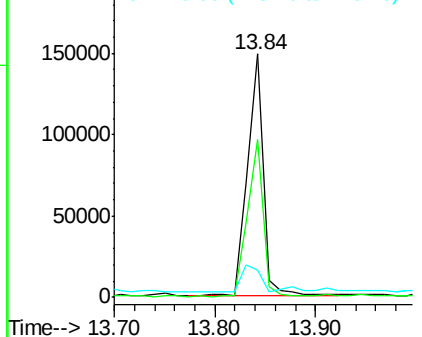


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 35.82 ng
 RT: 13.91 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

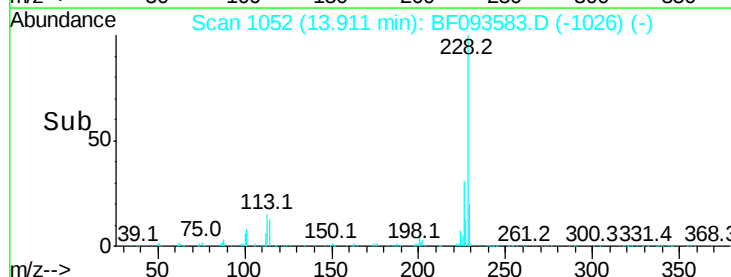
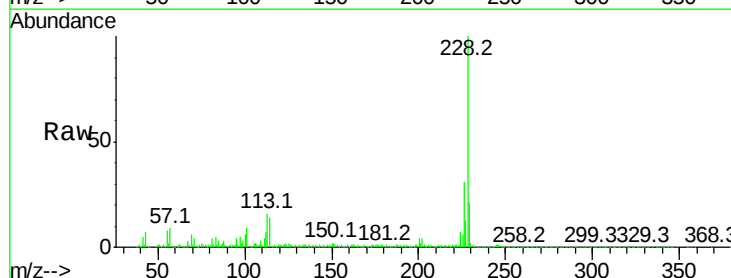
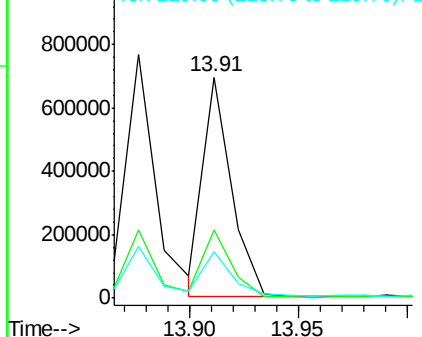
Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.1	25.4	38.0
229	21.1	16.2	24.2

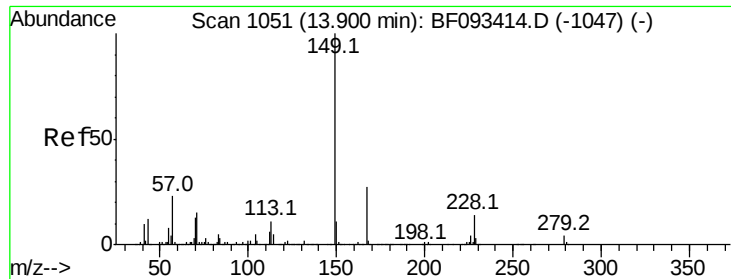
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.02 ng

RT: 13.85 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

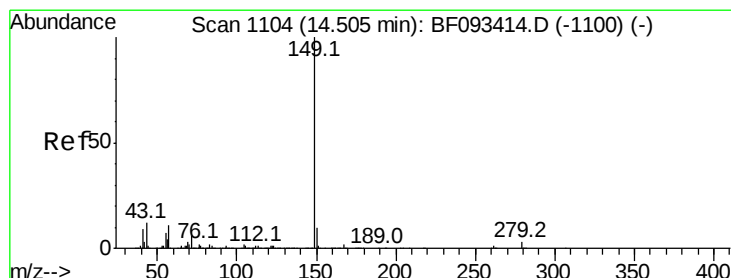
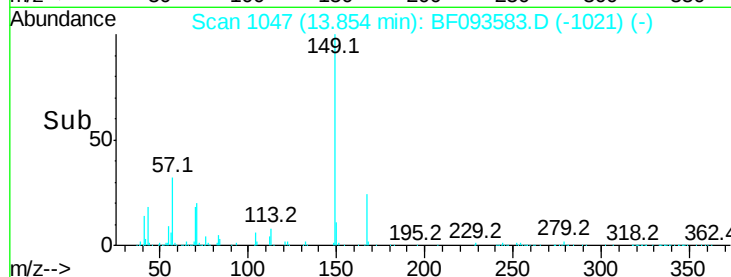
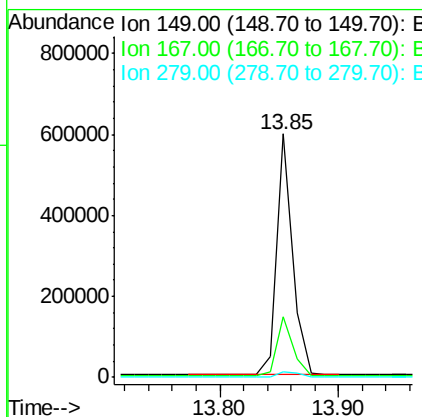
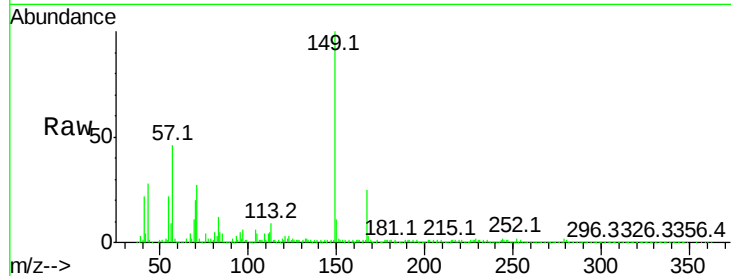
ClientSampleId :

HY-SB419AMS

Tot Ion:	149	Resp:	549621
Ion Ratio	Lower	Upper	
149	100		
167	25.0	20.2	30.4
279	2.1	1.8	2.8

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#84

Di-n-octyl phthalate

Concen: 38.15 ng

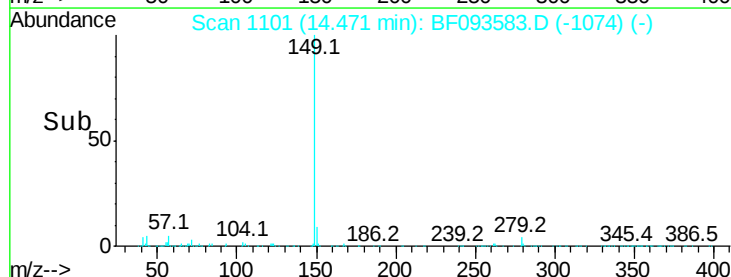
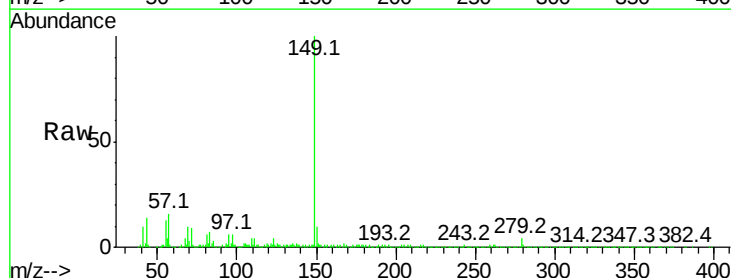
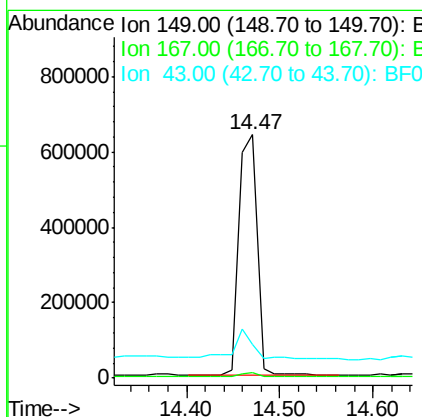
RT: 14.47 min Scan# 1101

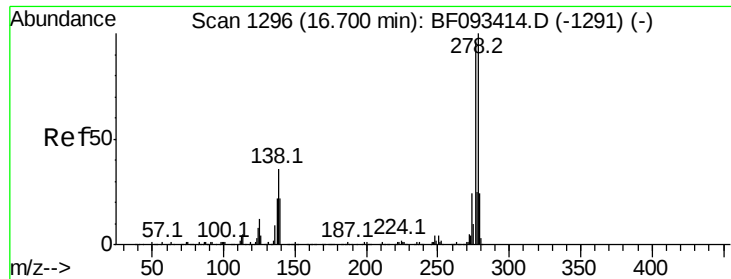
Delta R.T. 0.01 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Tgt Ion:	149	Resp:	873293
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.3	1.9
43	10.8	8.9	13.3





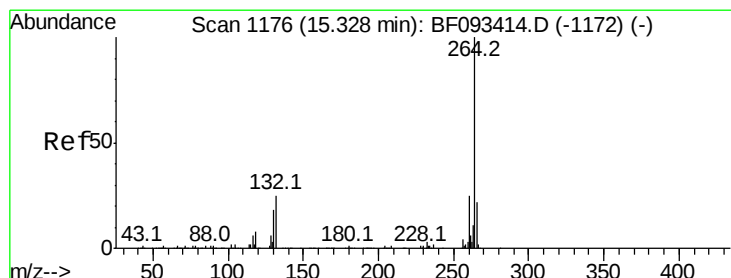
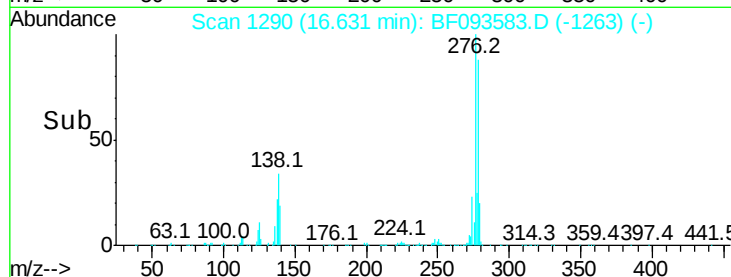
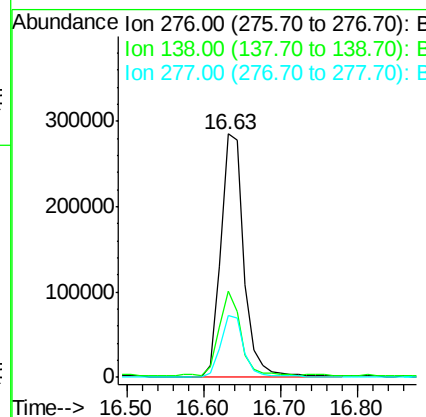
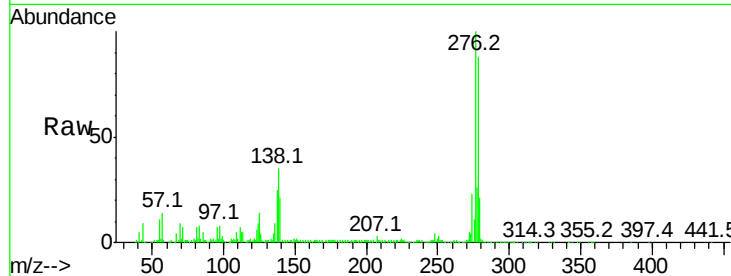
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.69 ng
RT: 16.63 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Instrument :
BNA_F
ClientSampleId :
HY-SB419AMS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	32.1	21.8	32.6	
277	25.8	20.2	30.4	

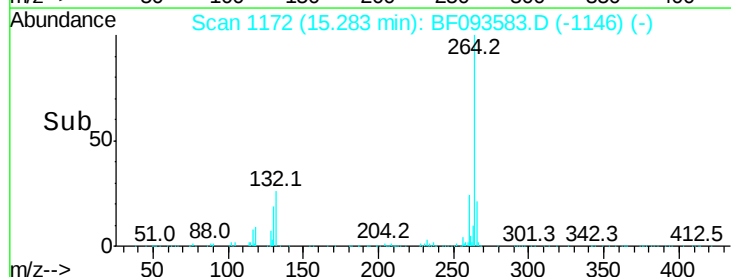
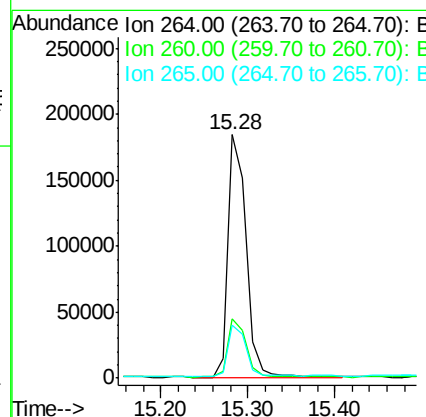
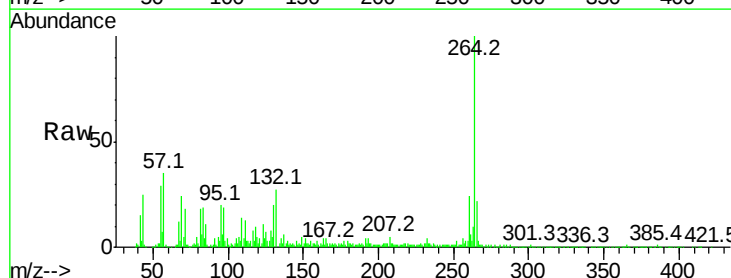
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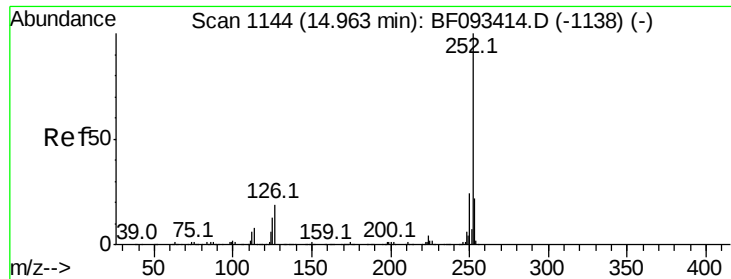
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.4	19.2	28.8	
265	21.7	17.4	26.0	





#87

Benzo(b)fluoranthene

Concen: 40.28 ng m

RT: 14.89 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF093583.D

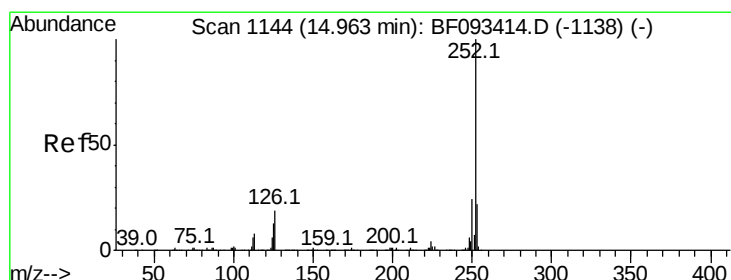
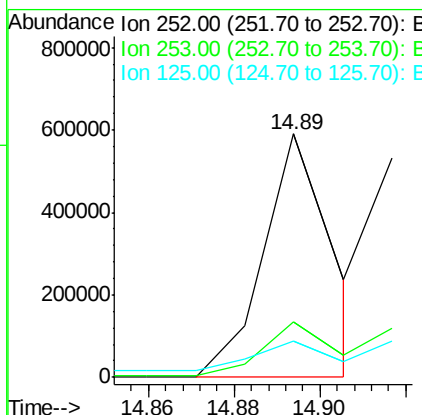
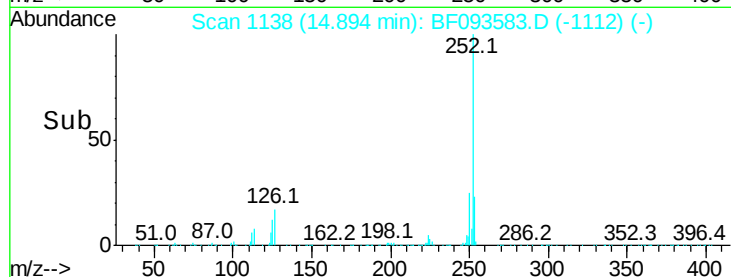
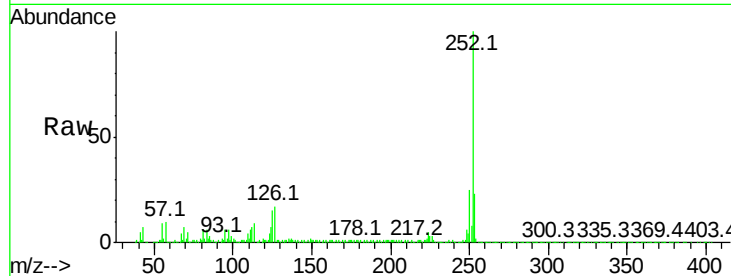
Acq: 11 Mar 2017 22:33

Instrument :
BNA_F
ClientSampleId :
HY-SB419AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	15.0	9.8	14.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 39.06 ng m

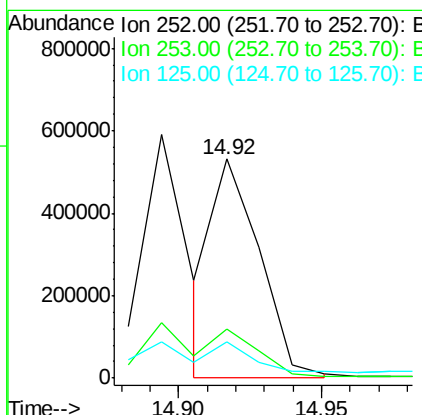
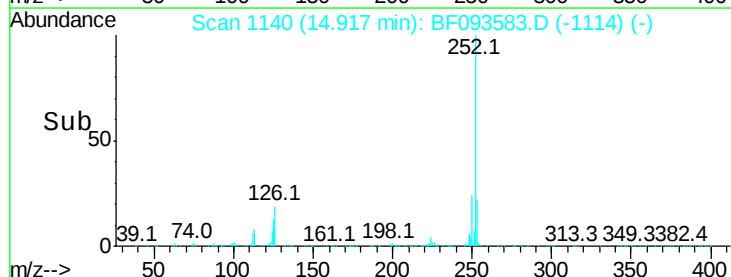
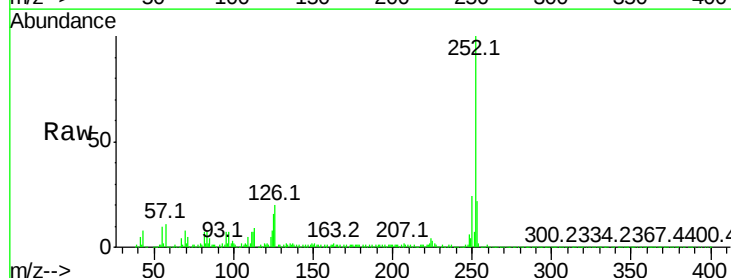
RT: 14.92 min Scan# 1140

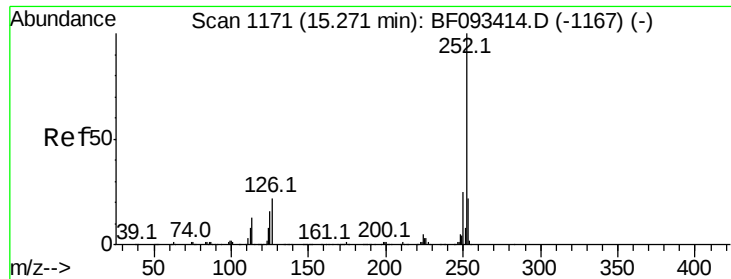
Delta R.T. 0.00 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	16.4	8.9	13.3





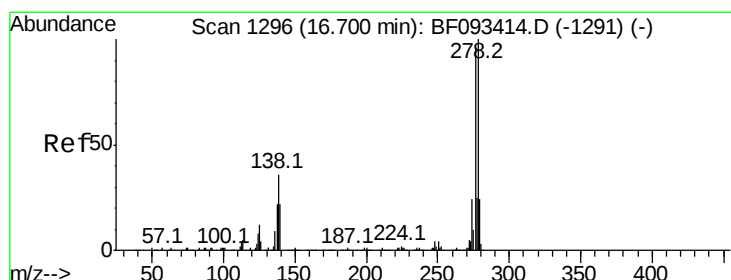
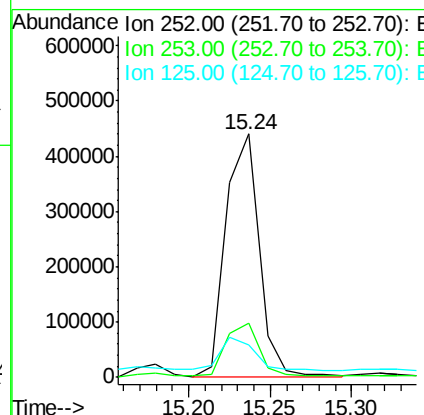
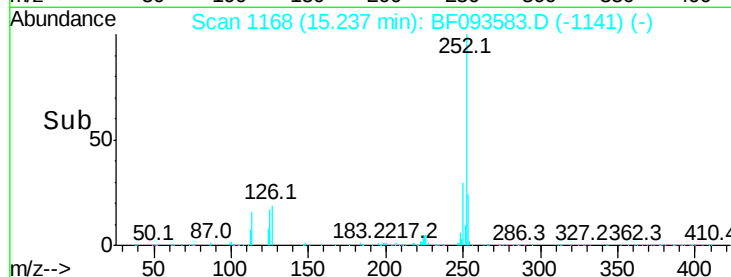
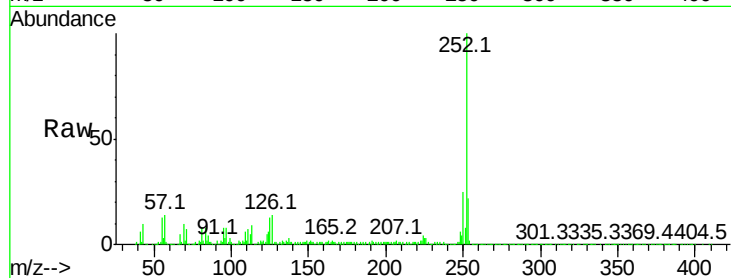
#89
Benzo(a)pyrene
Concen: 41.63 ng
RT: 15.24 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Instrument :
BNA_F
ClientSampleId :
HY-SB419AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	13.3	10.0	15.0

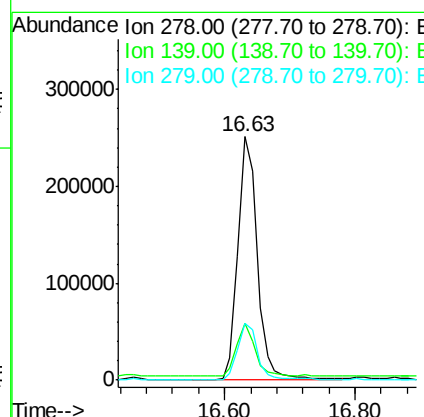
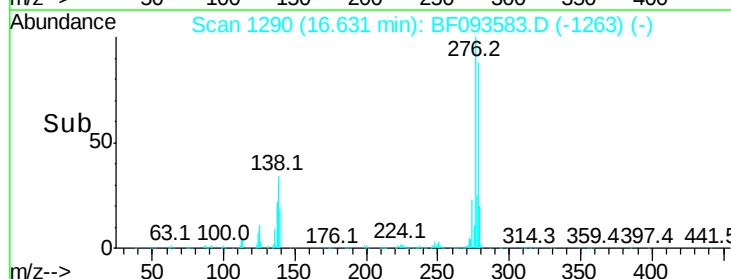
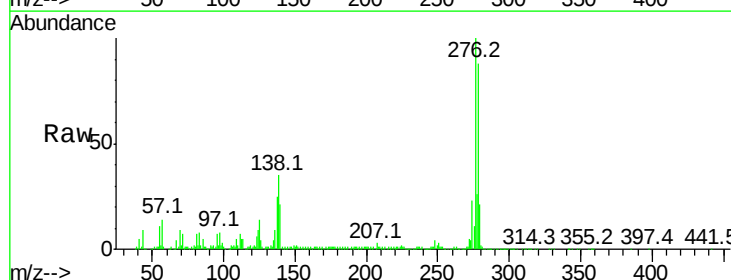
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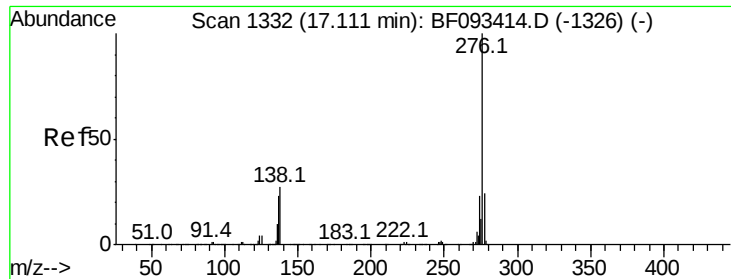
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 41.41 ng
RT: 16.63 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.3	14.8	22.2#
279	23.5	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 39.71 ng
 RT: 17.04 min Scan# 1326
 Delta R.T. 0.02 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB419AMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	27.0	16.0	24.0

Manual Integrations
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