

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093656.D
 Acq On : 14 Mar 2017 14:04
 Operator : SJ/MA
 Sample : PB97558BSD
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97558BSD

Manual Integrations
 APPROVED

mohammad
 3/15/2017 5:39:15 PM

Quant Time: Mar 15 05:01:21 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	6.71	152	170945	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	755125	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	344800	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	606177	20.00	ng	0.00
75) Chrysene-d12	13.89	240	435509	20.00	ng	0.00
86) Perylene-d12	15.29	264	309798	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1018788	99.19	ng	0.00
7) Phenol-d6	6.37	99	1189681	91.85	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1136320	83.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	204231	90.91	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1703901	91.92	ng	0.00
78) Terphenyl-d14	12.84	244	1408280	84.07	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	206652	36.53	ng	86
3) Pyridine	2.94	79	492564	34.15	ng	88
4) n-Nitrosodimethylamine	2.90	42	286614	41.60	ng	# 76
6) Aniline	6.39	93	226230	12.73	ng	# 73
8) 2-Chlorophenol	6.50	128	478492	41.58	ng	97
9) Benzaldehyde	6.26	77	298968	36.37	ng	95
10) Phenol	6.38	94	692665	43.64	ng	82
11) bis(2-Chloroethyl)ether	6.45	93	507043	39.53	ng	92
12) 1,3-Dichlorobenzene	6.64	146	534903	40.61	ng	# 90
13) 1,4-Dichlorobenzene	6.72	146	545764	40.47	ng	98
14) 1,2-Dichlorobenzene	6.88	146	477124	39.95	ng	94
15) Benzyl Alcohol	6.88	79	343671	37.22	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	837610	39.31	ng	# 47
17) 2-Methylphenol	7.00	107	418675	43.01	ng	# 88
18) Hexachloroethane	7.21	117	186262	40.95	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	369117	41.45	ng	89
20) 3+4-Methylphenols	7.17	107	602422	47.72	ng	# 74
22) Acetophenone	7.13	105	684816	37.69	ng	# 98
24) Nitrobenzene	7.30	77	561858	36.73	ng	97
25) Isophorone	7.54	82	971152	35.39	ng	# 93
26) 2-Nitrophenol	7.62	139	265516	38.05	ng	91
27) 2,4-Dimethylphenol	7.68	122	409415	36.06	ng	95
28) bis(2-Chloroethoxy)methane	7.76	93	663339	38.29	ng	99
29) 2,4-Dichlorophenol	7.89	162	437605	40.97	ng	91
30) 1,2,4-Trichlorobenzene	7.94	180	401191	35.32	ng	96
31) Naphthalene	8.02	128	1364518	36.06	ng	99
32) Benzoic acid	7.85	122	226441	38.38	ng	96
33) 4-Chloroaniline	8.15	127	56258	3.66	ng	97
34) Hexachlorobutadiene	8.14	225	215768	36.88	ng	99
35) Caprolactam	8.47	113	130280m	35.72	ng	
36) 4-Chloro-3-methylphenol	8.61	107	416421	36.53	ng	94
37) 2-Methylnaphthalene	8.72	142	887447	36.86	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	374977	39.83	ng	98
40) Hexachlorocyclopentadiene	8.87	237	203267	84.72	ng	97

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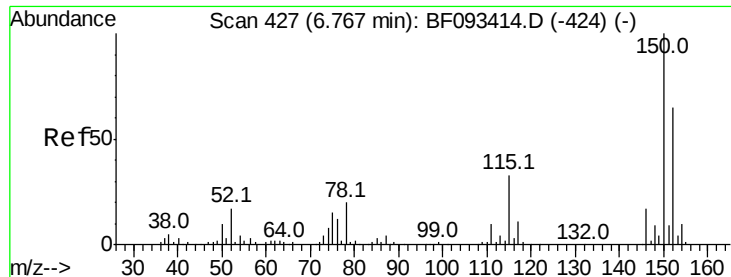
Manual Integrations
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 3/15/2017 5:39:15 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	250003	42.50	nq	94
43) 2,4,5-Trichlorophenol	9.08	196	219839	34.83	nq #	93
45) 1,1'-Biphenyl	9.18	154	1028095	40.93	nq	95
46) 2-Chloronaphthalene	9.21	162	861250	44.80	nq	98
47) 2-Nitroaniline	9.33	65	305086	44.89	nq	98
48) Acenaphthylene	9.62	152	1294839	40.83	nq	98
49) Dimethylphthalate	9.50	163	985700	43.12	nq	100
50) 2,6-Dinitrotoluene	9.57	165	218854	43.63	nq #	69
51) Acenaphthene	9.80	154	791760	42.23	nq	97
52) 3-Nitroaniline	9.75	138	85317	14.16	nq #	93
53) 2,4-Dinitrophenol	9.88	184	158519	69.40	nq #	75
54) Dibenzofuran	9.97	168	1076653	45.87	nq	98
55) 4-Nitrophenol	9.96	139	156409m	53.44	nq	
56) 2,4-Dinitrotoluene	9.98	165	284222	46.12	nq #	77
57) Fluorene	10.31	166	822308	41.35	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	213071	47.83	nq	97
59) Diethylphthalate	10.20	149	994106	45.50	nq	96
60) 4-Chlorophenyl-phenylether	10.30	204	380619	42.70	nq	96
61) 4-Nitroaniline	10.37	138	218509	35.46	nq	97
62) Azobenzene	10.46	77	1065122m	42.91	nq	
64) 4,6-Dinitro-2-methylphenol	10.40	198	120758	30.75	nq #	77
65) n-Nitrosodiphenylamine	10.42	169	714625	35.31	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	228083	35.58	nq	98
67) Hexachlorobenzene	10.86	284	219466	35.85	nq #	74
68) Atrazine	10.96	200	211378	35.68	nq	99
69) Pentachlorophenol	11.08	266	108883	51.52	nq	96
70) Phenanthrene	11.27	178	1238429	35.79	nq	99
71) Anthracene	11.33	178	1301130	37.17	nq	99
72) Carbazole	11.50	167	1202475	36.57	nq	98
73) Di-n-butylphthalate	11.82	149	1526090	40.12	nq #	96
74) Fluoranthene	12.46	202	1226352	36.69	nq	96
76) Benzidine	12.60	184	356411	24.89	nq	97
77) Pyrene	12.69	202	1230394	38.85	nq	100
79) Butylbenzylphthalate	13.31	149	591706	44.38	nq	92
80) Benzo(a)anthracene	13.88	228	920156	35.78	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	183964	20.42	nq #	97
82) Chrysene	13.92	228	925106	38.88	nq	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	840508	45.23	nq #	96
84) Di-n-octyl phthalate	14.47	149	1230685	39.73	nq	99
85) Indeno(1,2,3-cd)pyrene	16.64	276	725513	36.42	nq #	94
87) Benzo(b)fluoranthene	14.91	252	882542m	46.78	nq	
88) Benzo(k)fluoranthene	14.93	252	591993m	32.54	nq	
89) Benzo(a)pyrene	15.24	252	693608	40.22	nq	98
90) Dibenzo(a,h)anthracene	16.64	278	613189	42.98	nq	96
91) Benzo(g,h,i)perylene	17.04	276	632253	43.18	nq #	90

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



#1

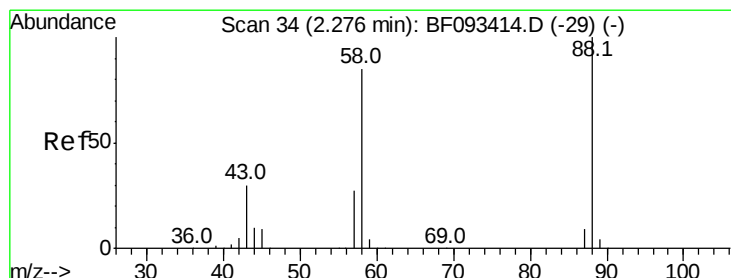
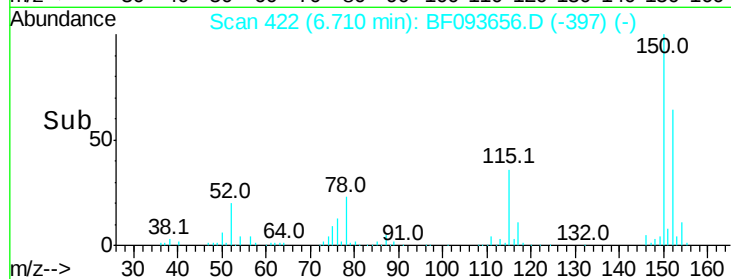
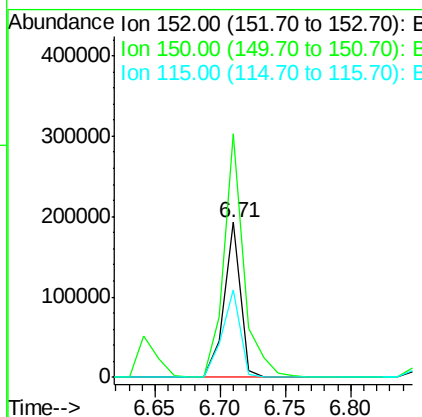
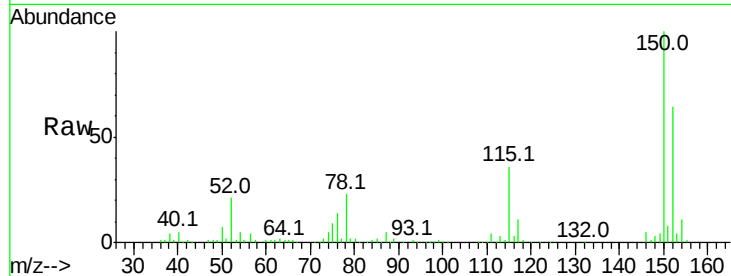
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Instrument :
BNA_F
ClientSampleId :
PB97558BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.9	187.3
115	56.1	46.0	69.0

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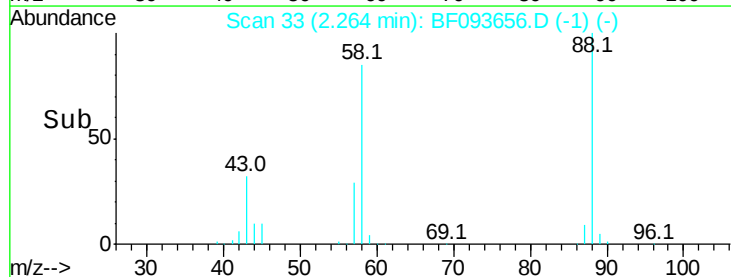
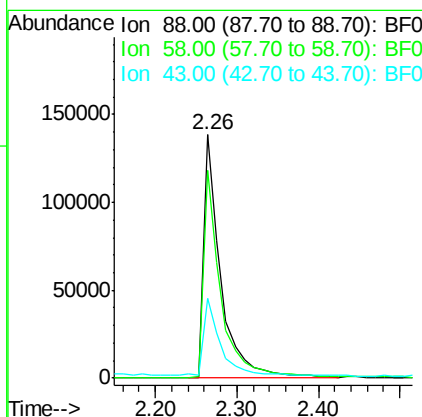
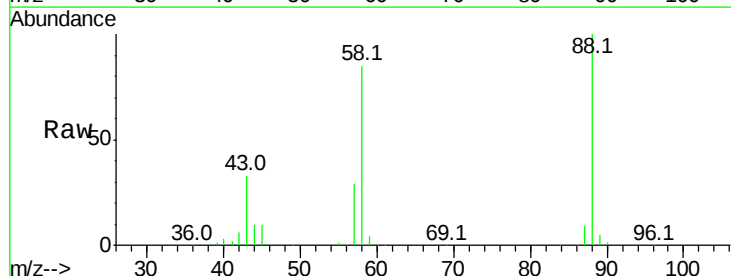
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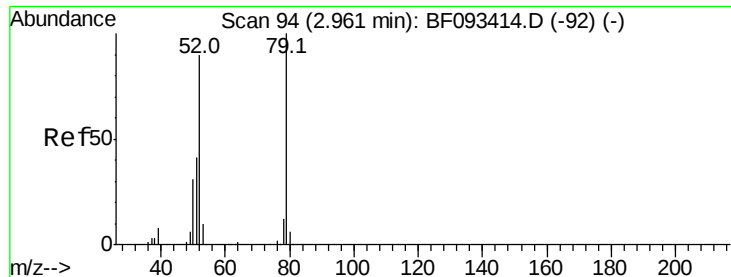


#2

1,4-Dioxane
Concen: 36.53 ng
RT: 2.26 min Scan# 33
Delta R.T. 0.08 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.2	57.8	86.8
43	31.7	22.3	33.5





#3

Pvridine

Concen: 34.15 ng

RT: 2.94 min Scan# 92

Delta R.T. 0.08 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_F

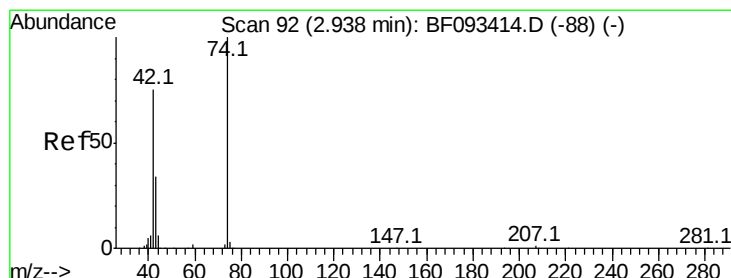
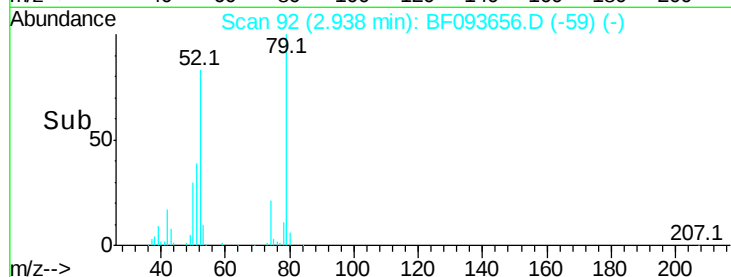
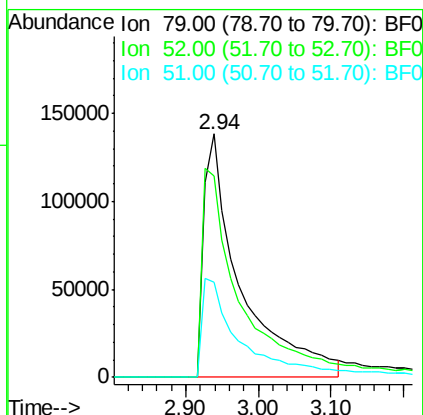
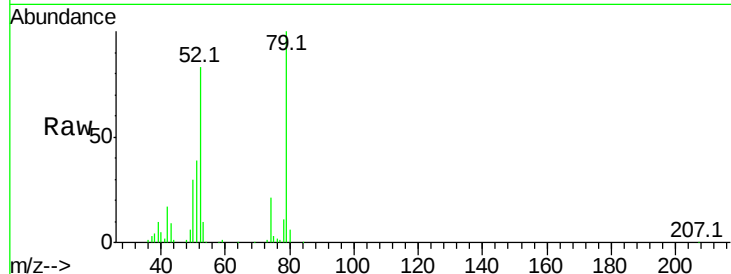
ClientSampleId :

PB97558BSD

Tot Ion:	79	Resp:	492564
Ion Ratio	Lower	Upper	
79	100		
52	82.7	57.1	85.7
51	39.0	27.3	40.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 41.60 ng

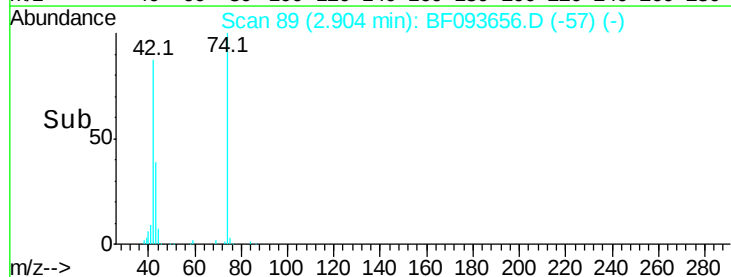
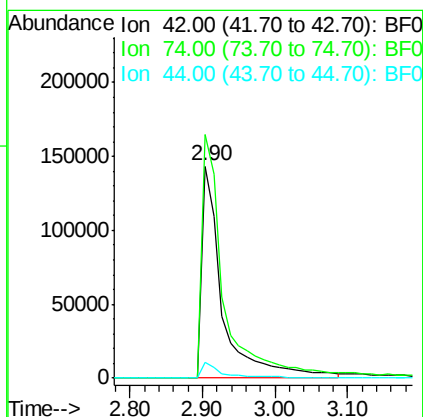
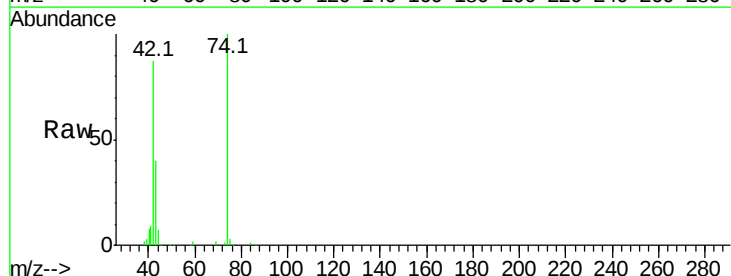
RT: 2.90 min Scan# 89

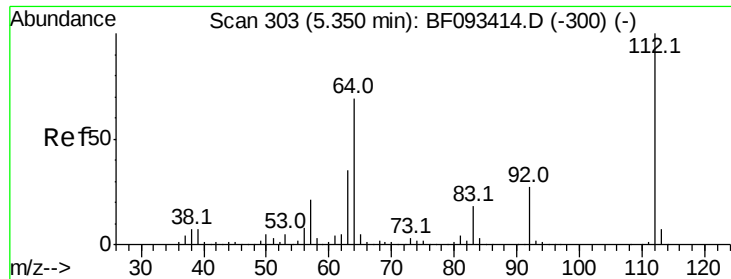
Delta R.T. 0.07 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Tgt Ion:	42	Resp:	286614
Ion Ratio	Lower	Upper	
42	100		
74	114.9	117.0	175.4#
44	7.5	5.5	8.3





#5

2-Fluorophenol

Concen: 99.19 ng

RT: 5.32 min Scan# 300

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_F

ClientSampleId :

PB97558BSD

Tot Ion:112 Resp: 1018788

Ion Ratio Lower Upper

112 100

64 61.6 46.1 69.1

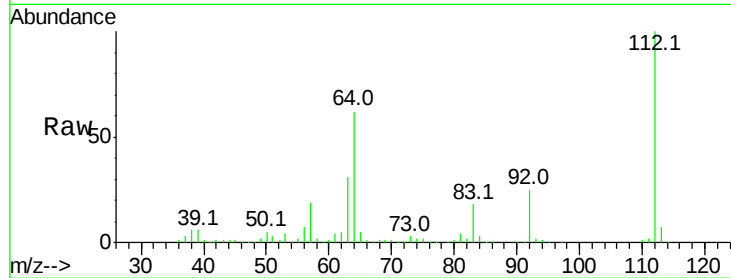
63 31.2 23.8 35.6

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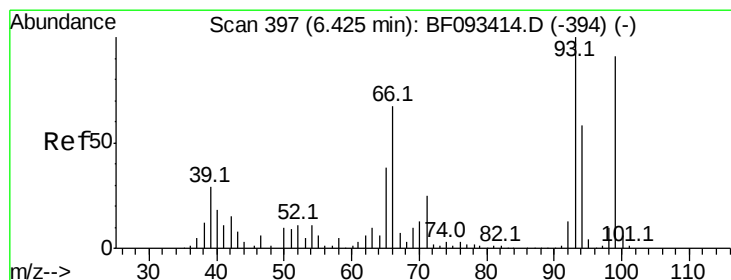
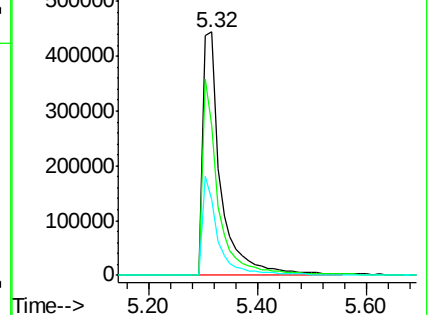
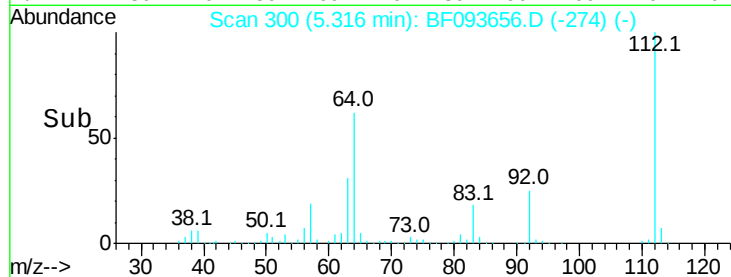
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.73 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

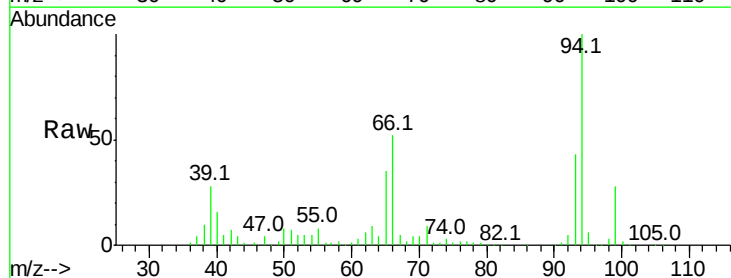
Tgt Ion: 93 Resp: 226230

Ion Ratio Lower Upper

93 100

66 122.2 76.2 114.2#

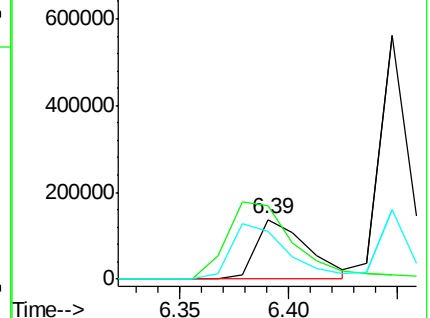
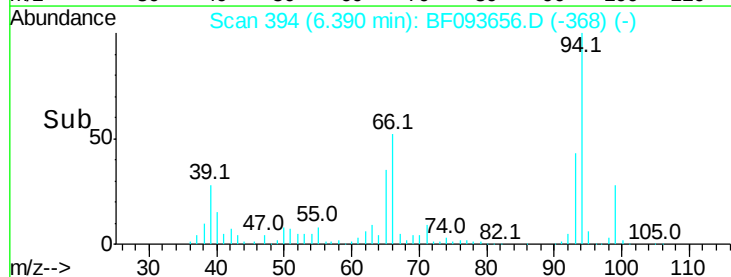
65 81.2 49.3 73.9#

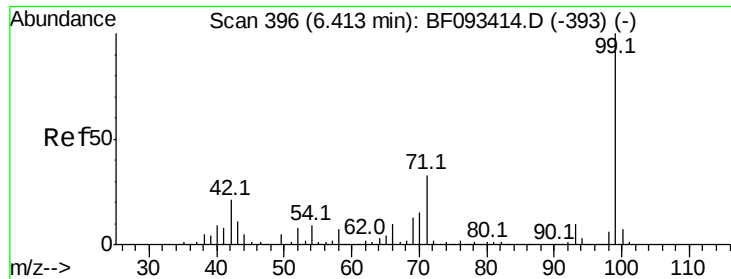


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 91.85 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_F

ClientSampleId :

PB97558BSD

Tot Ion: 99 Resp: 1189681

Ion Ratio Lower Upper

99 100

42 22.3 15.6 23.4

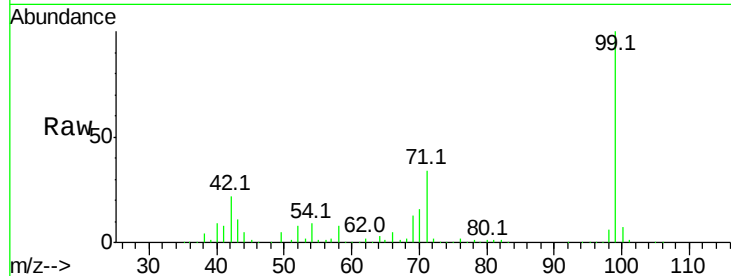
71 34.2 27.5 41.3

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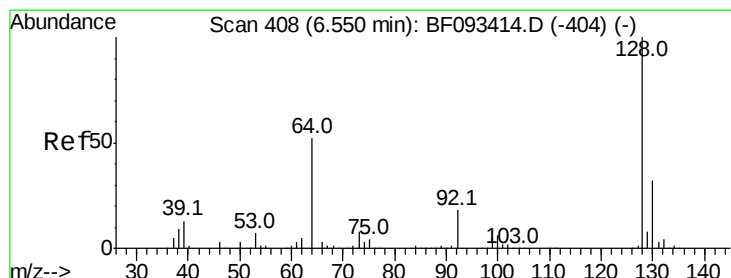
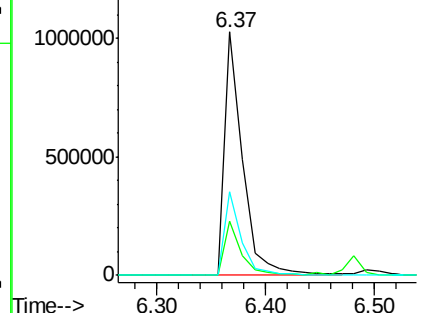
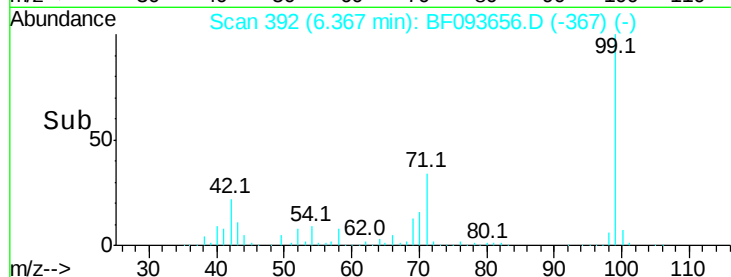
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.58 ng

RT: 6.50 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

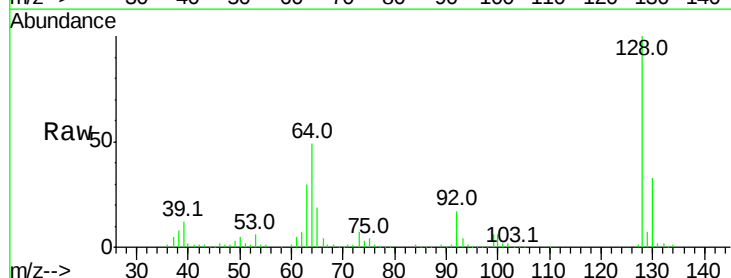
Tgt Ion: 128 Resp: 478492

Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

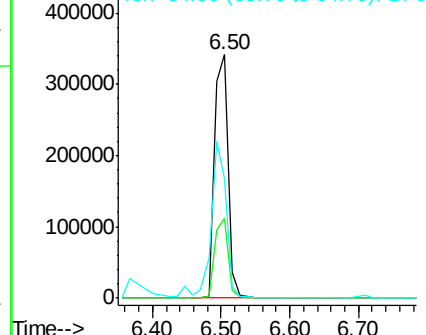
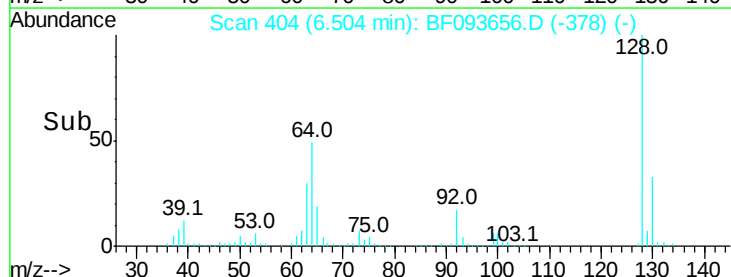
64 49.1 32.2 72.2

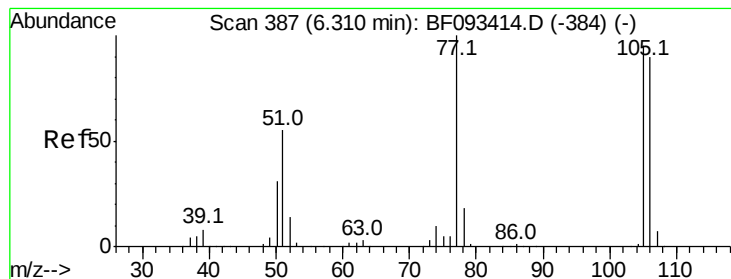


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.37 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_F

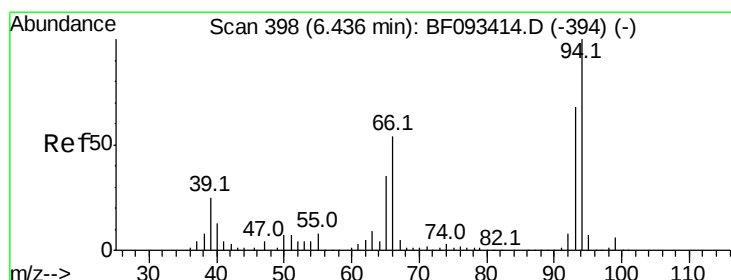
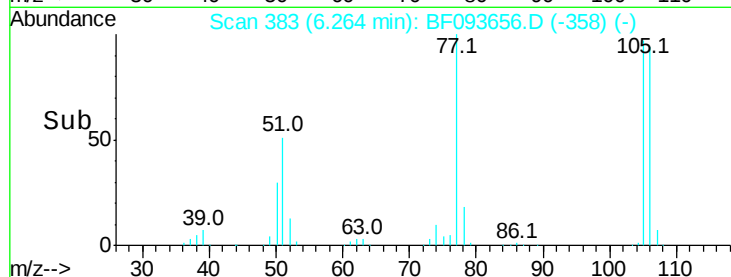
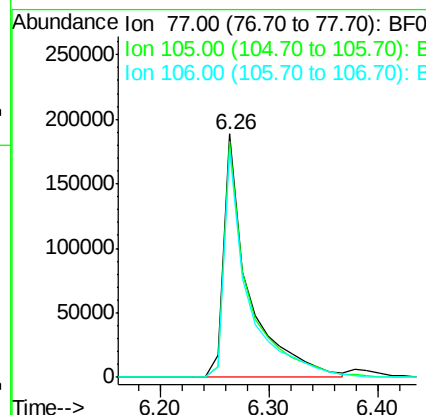
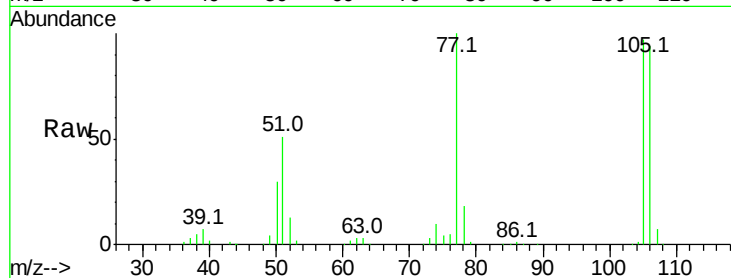
ClientSampleId :

PB97558BSD

Tot Ion:	77	Resp:	298968
Ion Ratio	Lower	Upper	
77	100		
105	97.0	83.9	123.9
106	93.6	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 43.64 ng

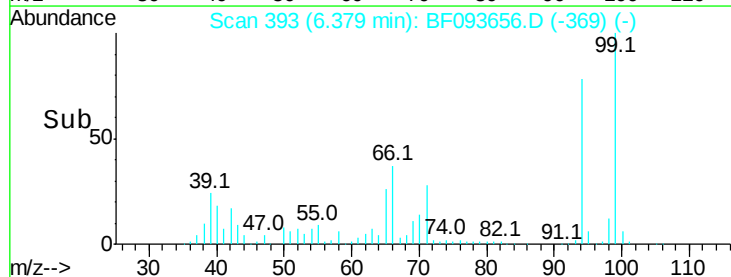
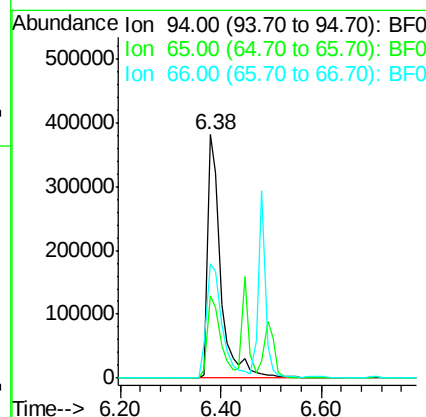
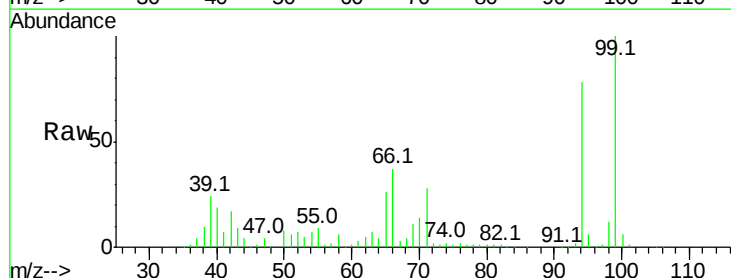
RT: 6.38 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Tgt Ion:	94	Resp:	692665
Ion Ratio	Lower	Upper	
94	100		
65	33.6	21.4	61.4
66	46.8	44.0	84.0





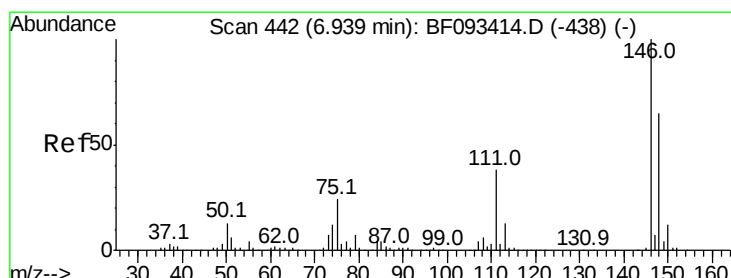
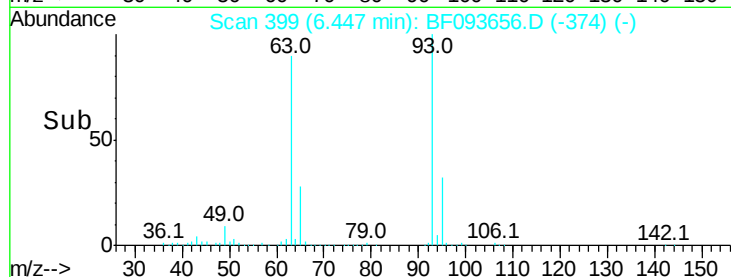
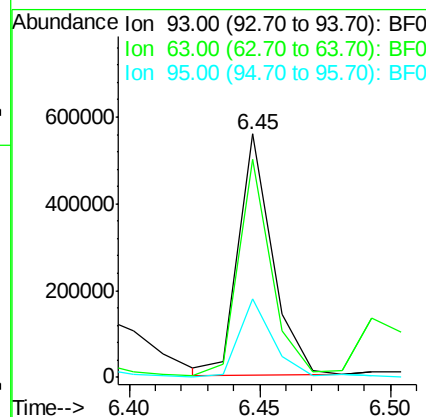
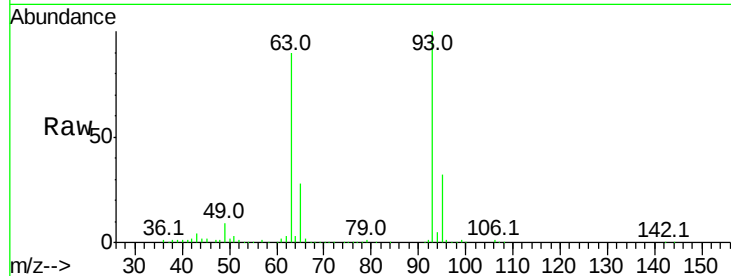
#11
bis(2-Chloroethyl)ether
Concen: 39.53 ng
RT: 6.45 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Instrument :
BNA_F
ClientSampleId :
PB97558BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.6	60.4	100.4
95	32.4	12.8	52.8

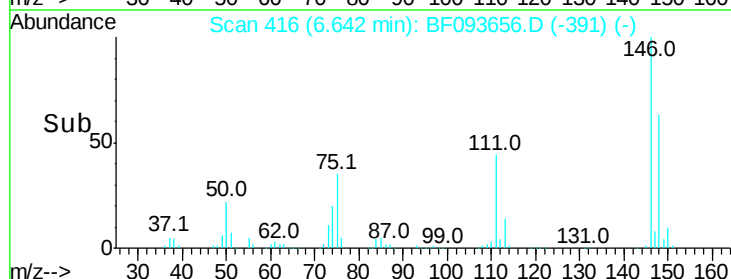
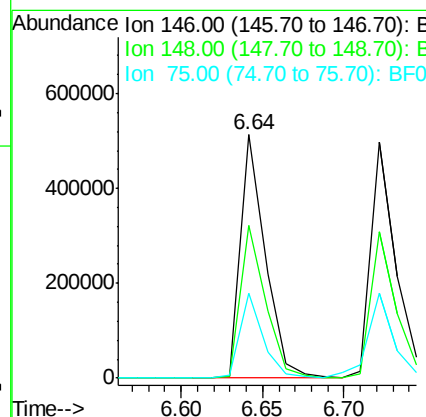
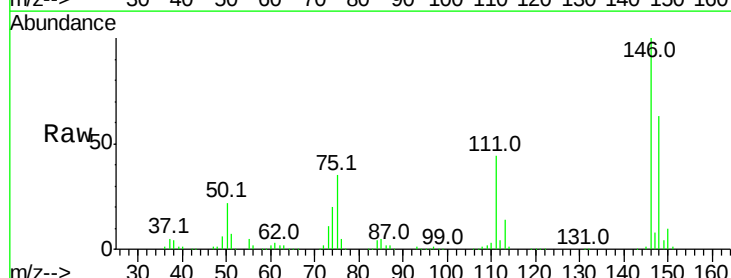
Manual Integrations
APPROVED

mohammad
3/15/2017 5:39:15 PM



#12
1,3-Dichlorobenzene
Concen: 40.61 ng
RT: 6.64 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	53.4	80.0
75	34.8	18.5	27.7#





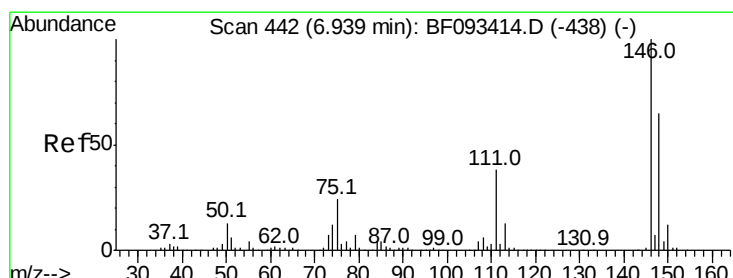
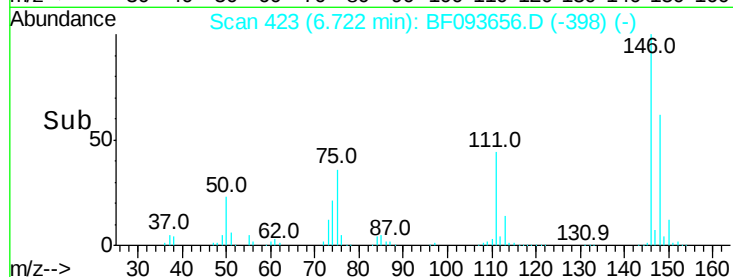
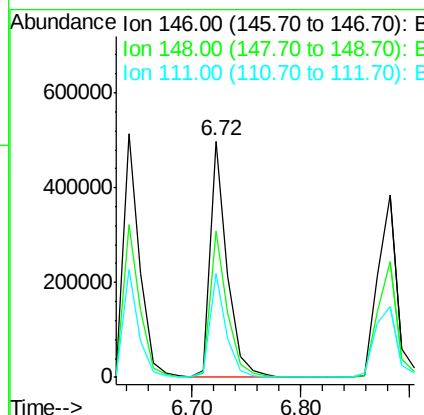
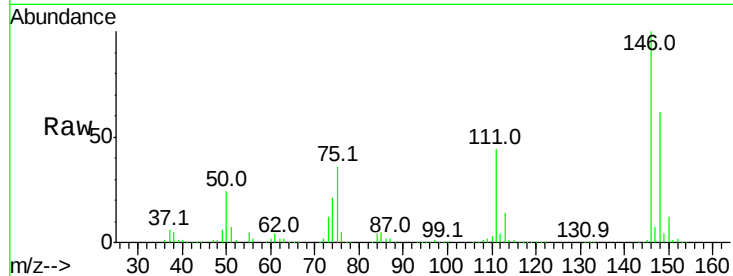
#13
 1,4-Dichlorobenzene
 Concen: 40.47 ng
 RT: 6.72 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB97558BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.8	50.6	76.0
111	43.9	36.2	54.4

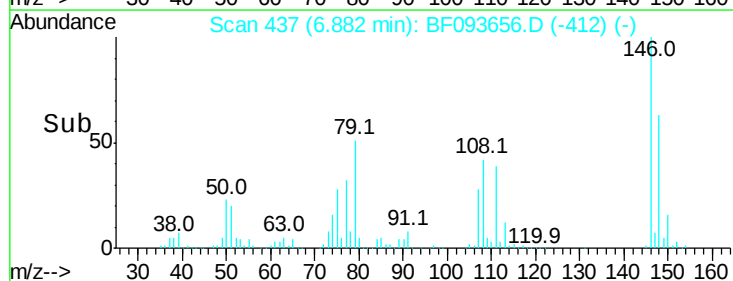
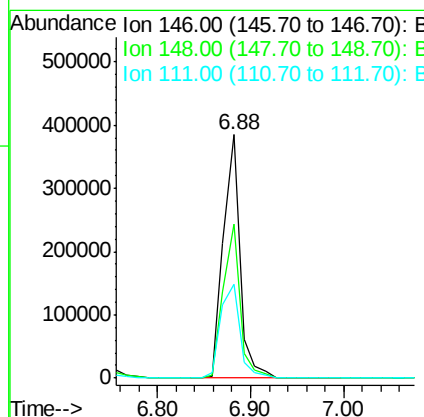
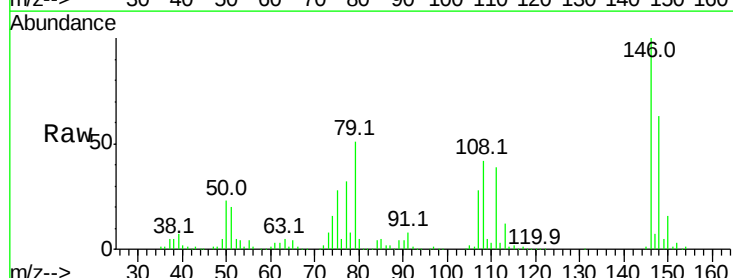
Manual Integrations
 APPROVED

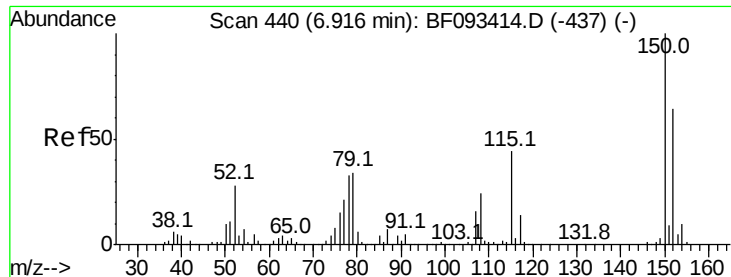
mohammad
 3/15/2017 5:39:15 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.95 ng
 RT: 6.88 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.2	78.2
111	38.8	36.2	54.2





#15

Benzyl Alcohol

Concen: 37.22 ng

RT: 6.88 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_F

ClientSampled :

PB97558BSD

Tot Ion: 79 Resp: 343671

Ion Ratio Lower Upper

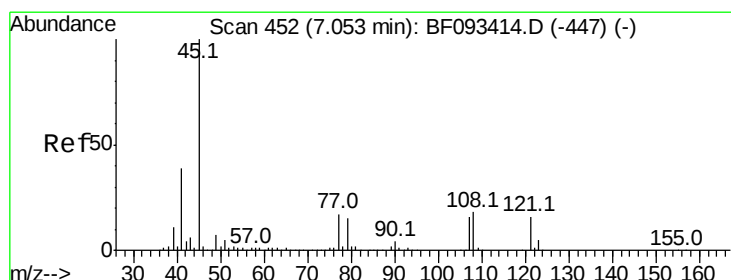
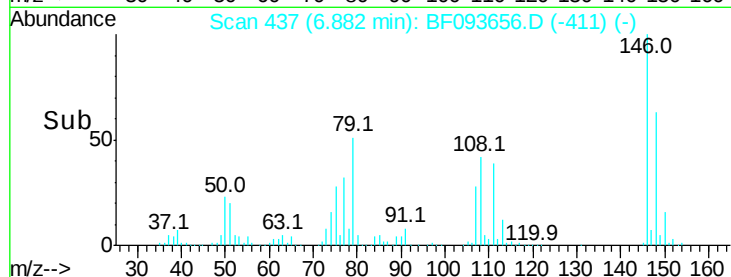
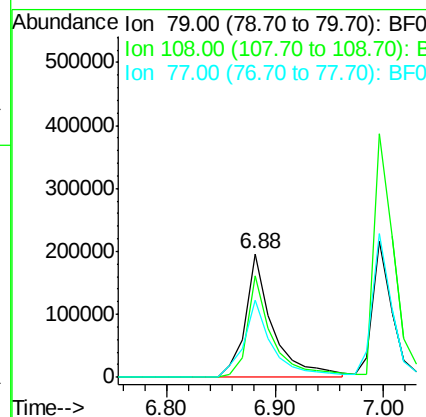
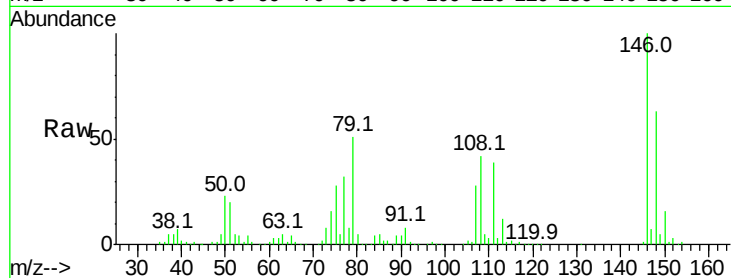
79 100

108 81.6 61.4 92.0

77 62.3 50.9 76.3

Manual Integrations
APPROVED

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.31 ng

RT: 7.00 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

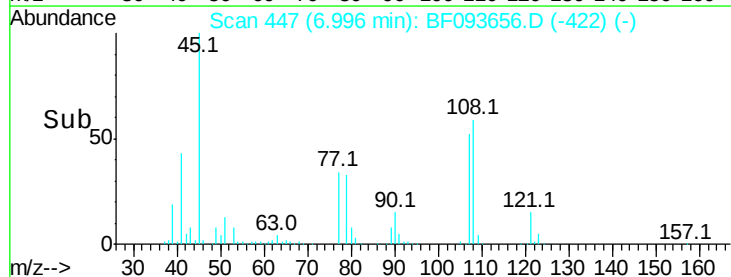
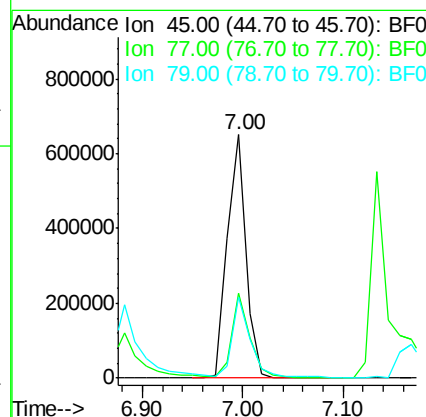
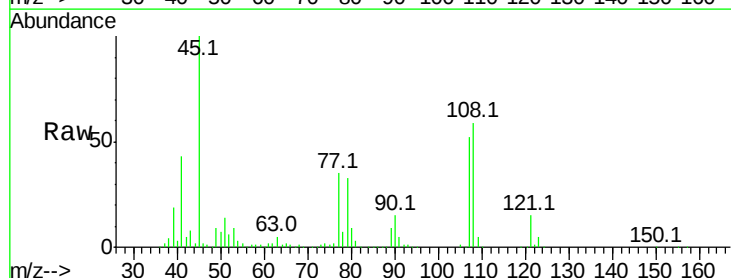
Tgt Ion: 45 Resp: 837610

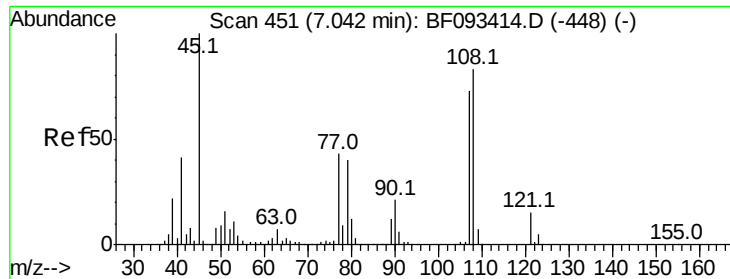
Ion Ratio Lower Upper

45 100

77 35.1 0.0 34.6#

79 33.3 0.0 31.2#





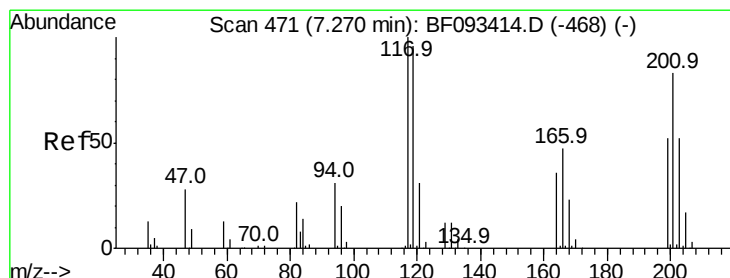
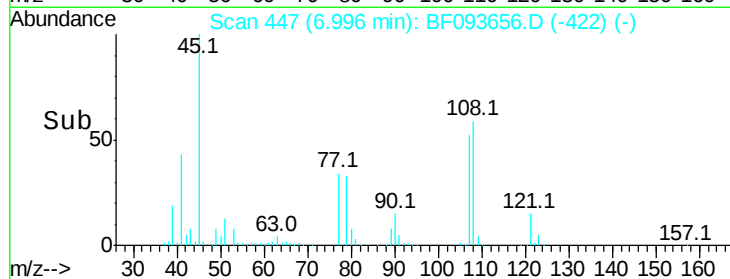
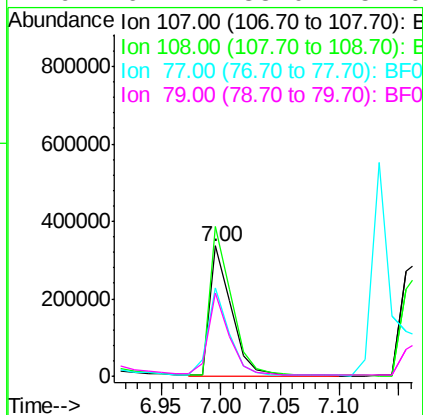
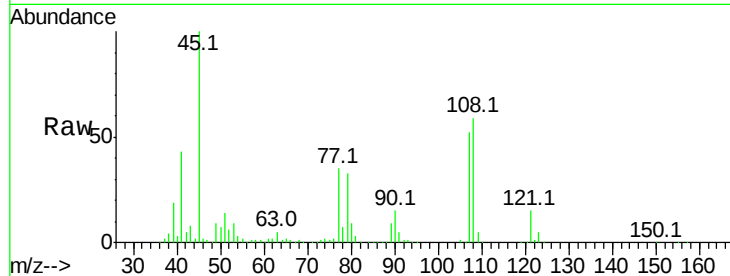
#17
2-Methylphenol
Concen: 43.01 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Instrument :
BNA_F
ClientSampleId :
PB97558BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.7	93.0	139.6
77	67.8	39.8	59.8#
79	64.2	38.0	57.0#

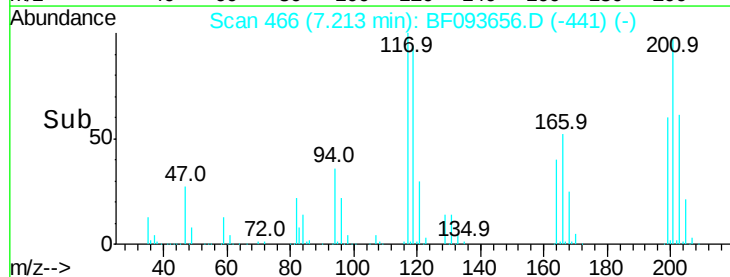
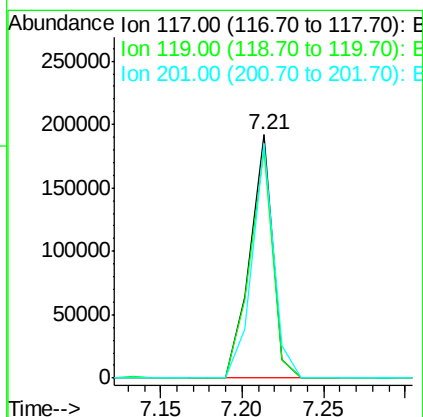
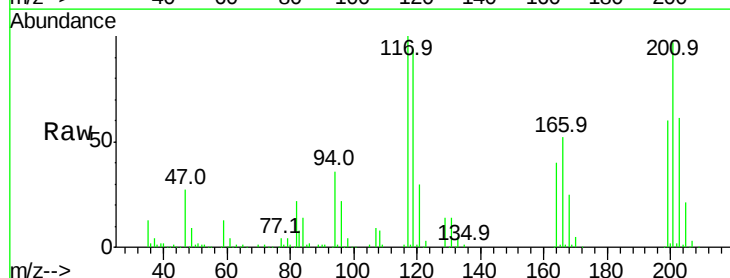
Manual Integrations
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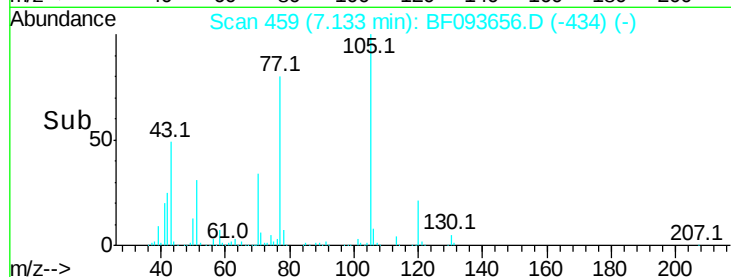
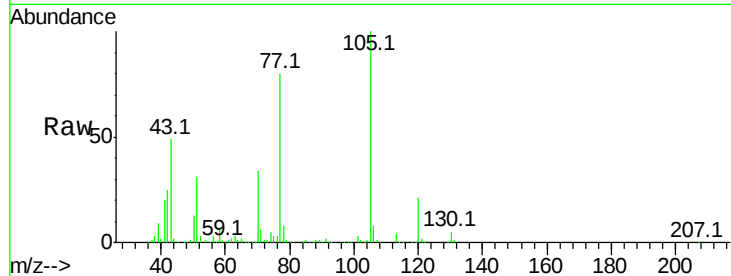
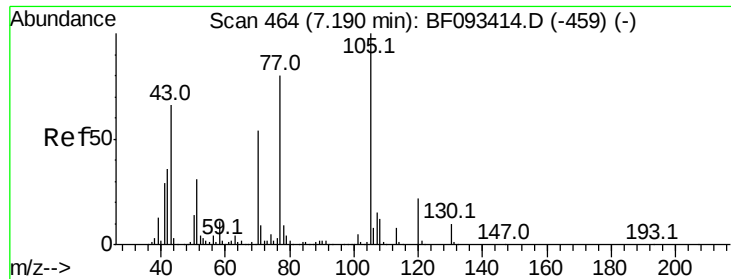
mohammad
3/15/2017 5:39:15 PM



#18
Hexachloroethane
Concen: 40.95 ng
RT: 7.21 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	78.1	117.1
201	96.6	78.6	117.8





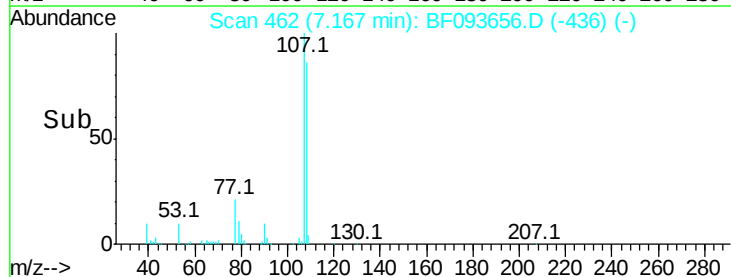
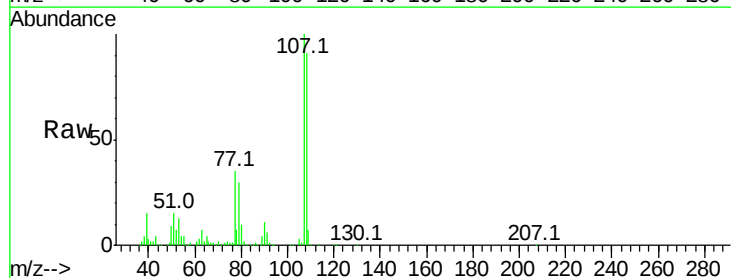
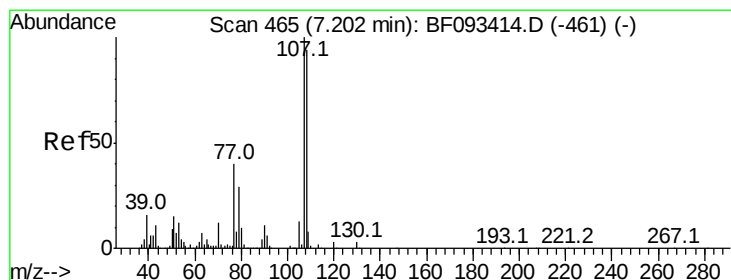
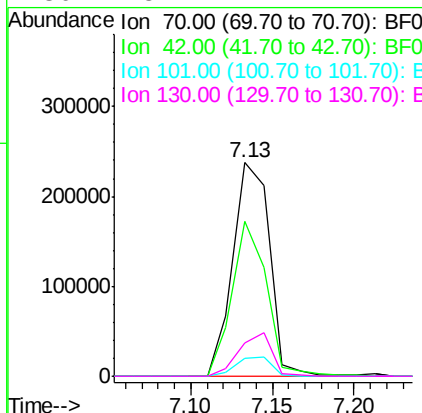
#19
n-Nitroso-di-n-propylamine
Concen: 41.45 ng
RT: 7.13 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Instrument :
BNA_F
ClientSampleId :
PB97558BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.3	49.4	74.0
101	8.1	7.4	11.2
130	15.4	14.2	21.4

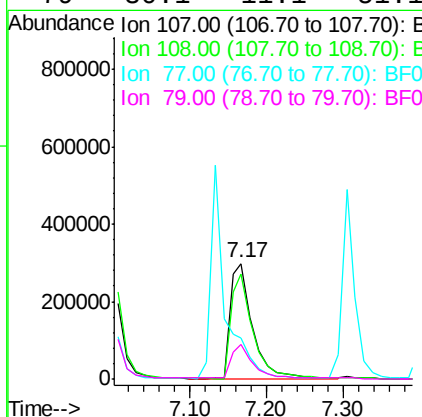
Manual Integrations
APPROVED

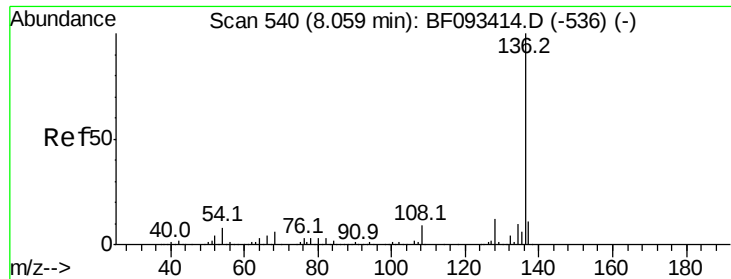
mohammad
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#20
3+4-Methylphenols
Concen: 47.72 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.3	73.0	113.0
77	35.0	71.3	111.3#
79	30.1	11.1	51.1





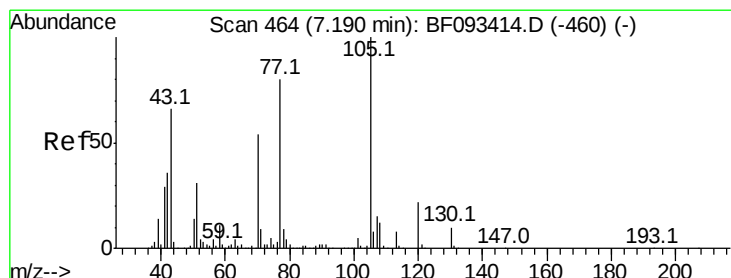
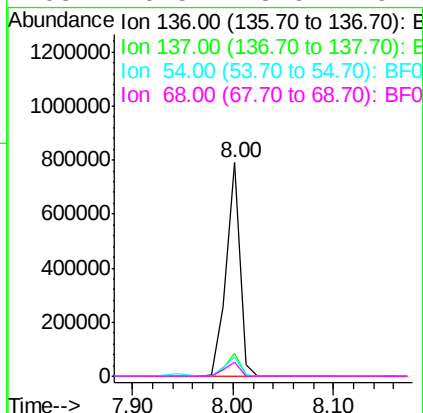
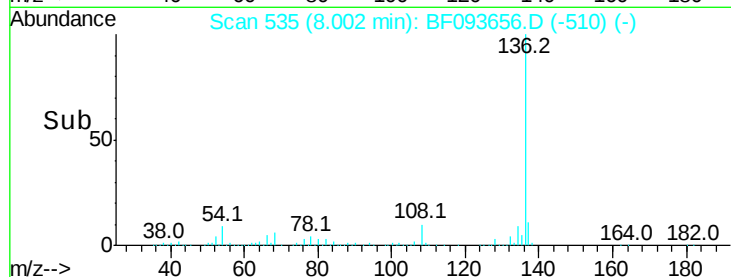
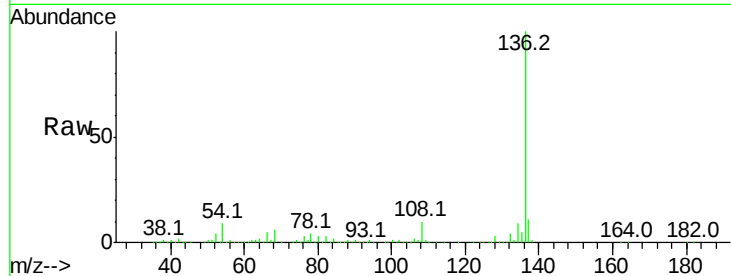
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Instrument :
BNA_F
ClientSampleId :
PB97558BSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.4	12.6
54	9.1	4.5	6.7#
68	6.5	3.6	5.4#

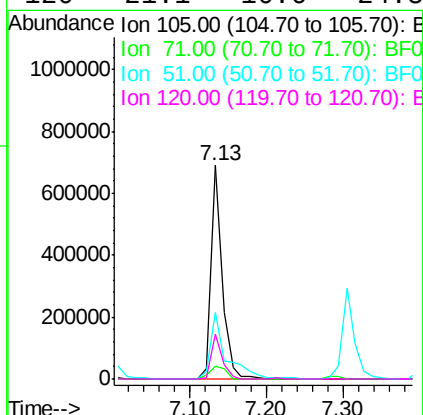
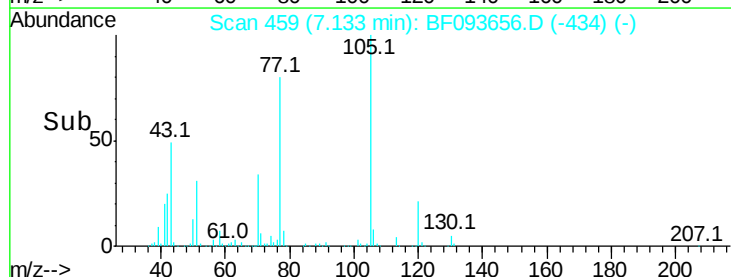
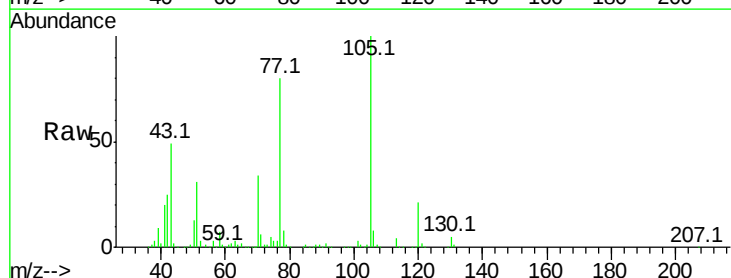
Manual Integrations
APPROVED

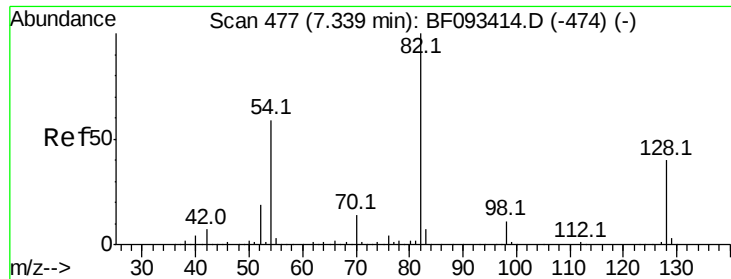
mohammad
3/15/2017 5:39:15 PM



#22
Acetophenone
Concen: 37.69 ng
RT: 7.13 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.8	3.2	4.8#
51	31.3	26.2	39.4
120	21.1	16.6	24.8





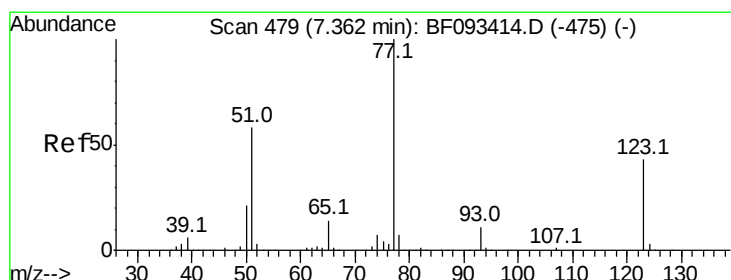
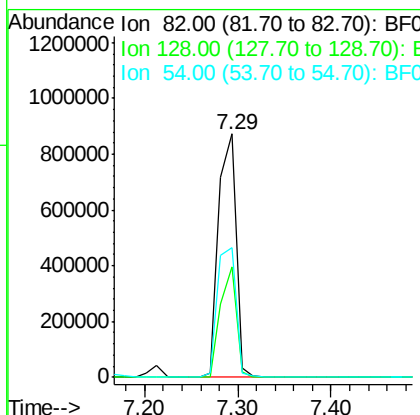
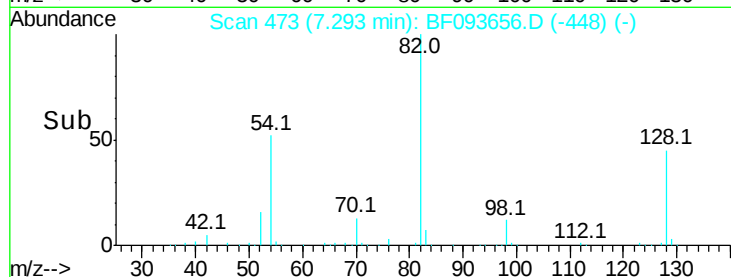
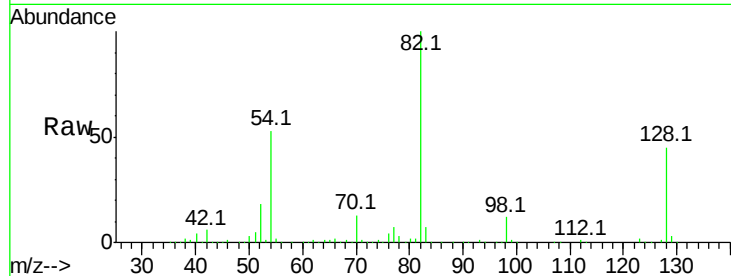
#23
Nitrobenzene-d5
Concen: 83.49 ng
RT: 7.29 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Instrument :
BNA_F
ClientSampleId :
PB97558BSD

Tot Ion: 82 Resp: 1136320
Ion Ratio Lower Upper
82 100
128 45.1 34.6 52.0
54 53.1 39.5 59.3

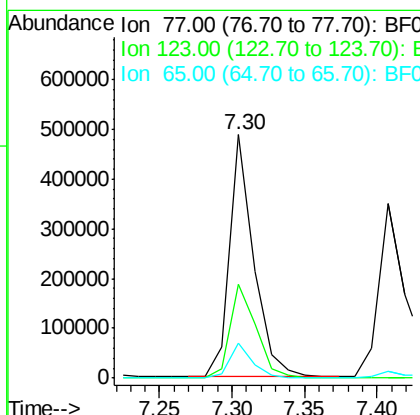
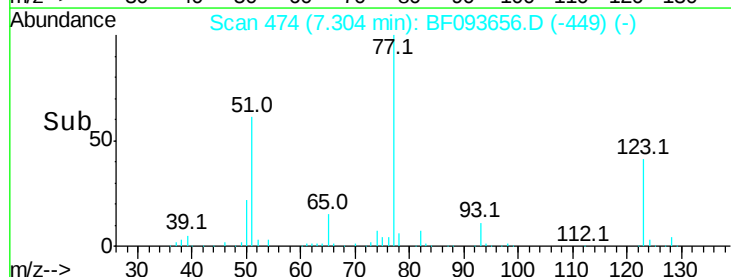
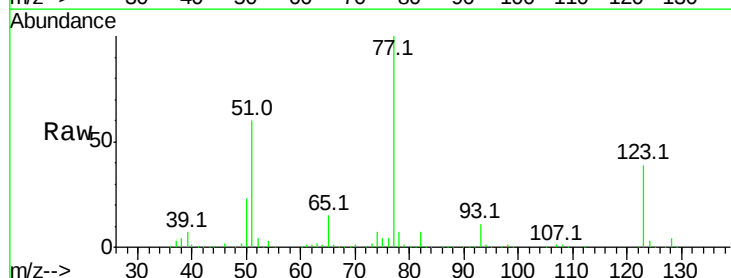
Manual Integrations
APPROVED

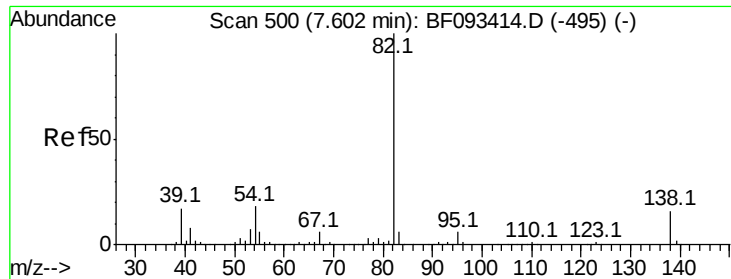
mohammad
3/15/2017 5:39:15 PM



#24
Nitrobenzene
Concen: 36.73 ng
RT: 7.30 min Scan# 474
Delta R.T. -0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion: 77 Resp: 561858
Ion Ratio Lower Upper
77 100
123 38.7 33.0 49.4
65 14.5 11.2 16.8





#25

Isophorone

Concen: 35.39 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_F

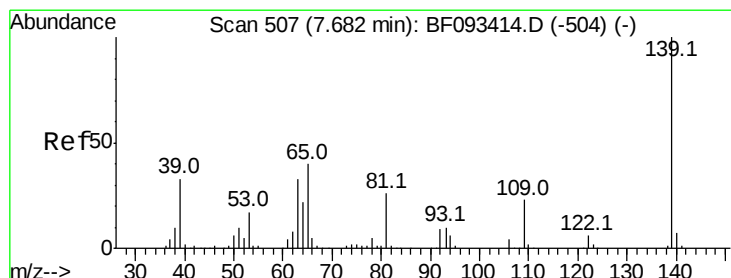
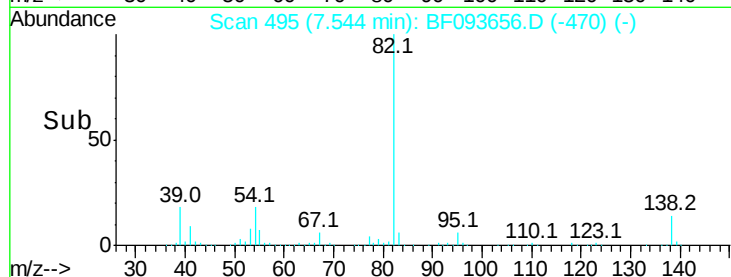
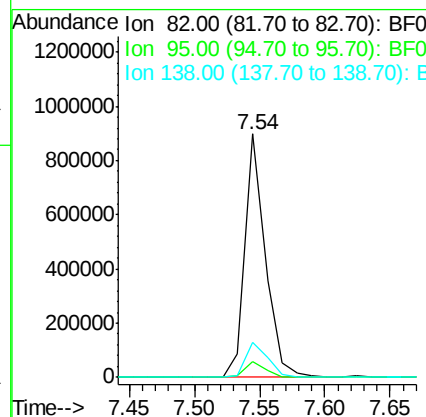
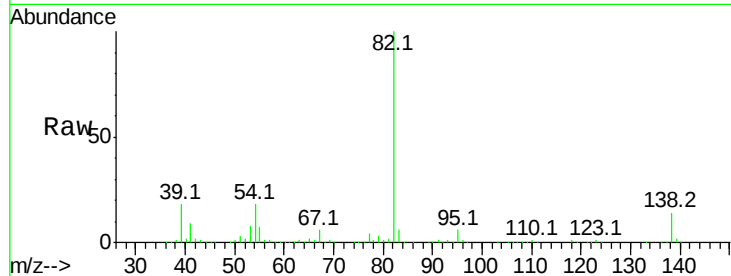
ClientSampleId :

PB97558BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.3	5.6	8.4	
138	14.2	14.6	22.0	

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.05 ng

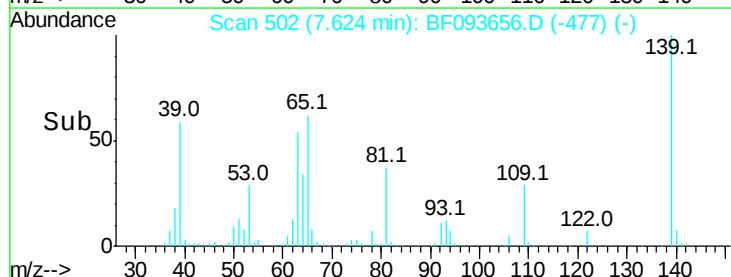
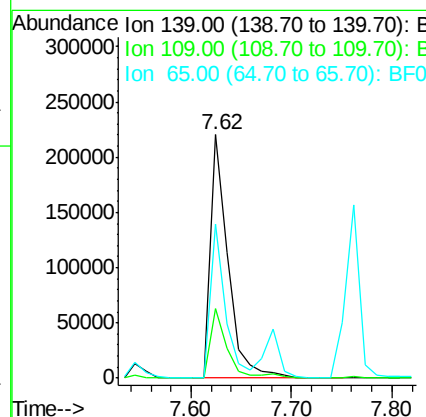
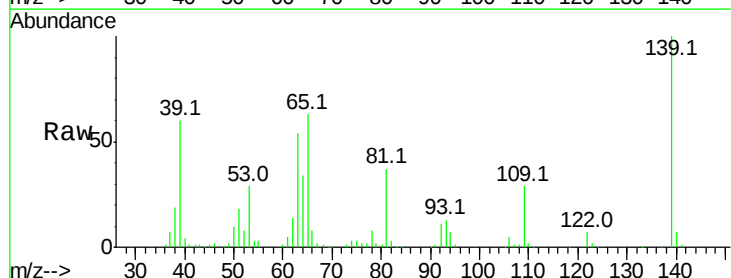
RT: 7.62 min Scan# 502

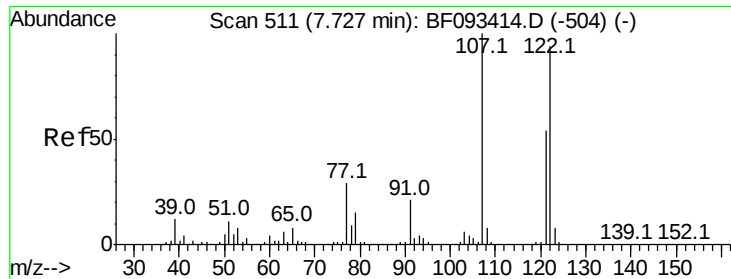
Delta R.T. -0.01 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	28.5	23.3	34.9	
65	63.2	42.7	64.1	





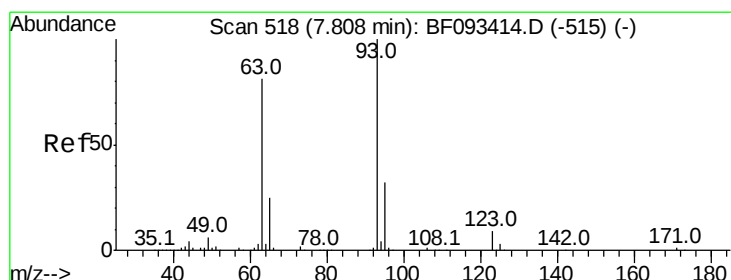
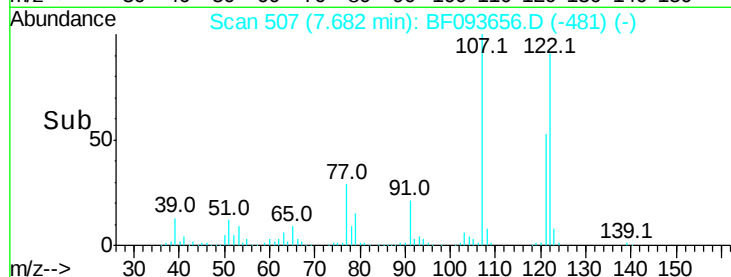
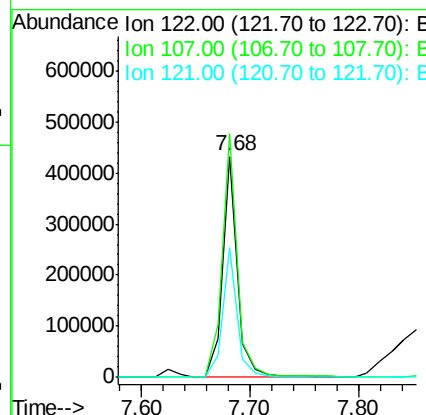
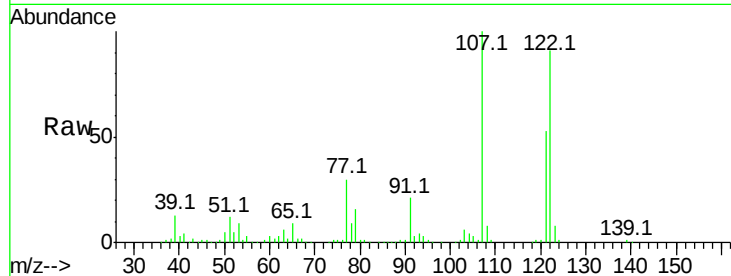
#27
2,4-Dimethylphenol
Concen: 36.06 ng
RT: 7.68 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Instrument :
BNA_F
ClientSampleId :
PB97558BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.3	94.1	141.1
121	58.5	46.0	69.0

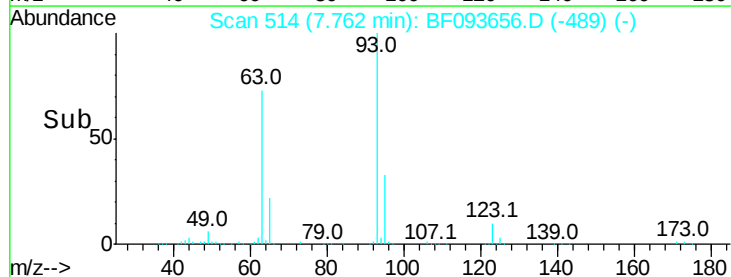
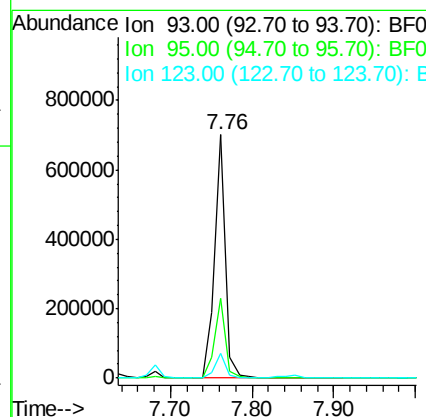
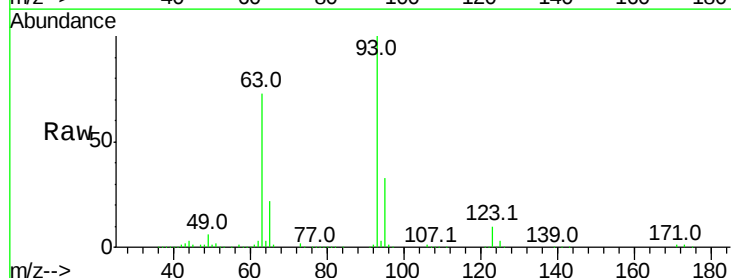
Manual Integrations
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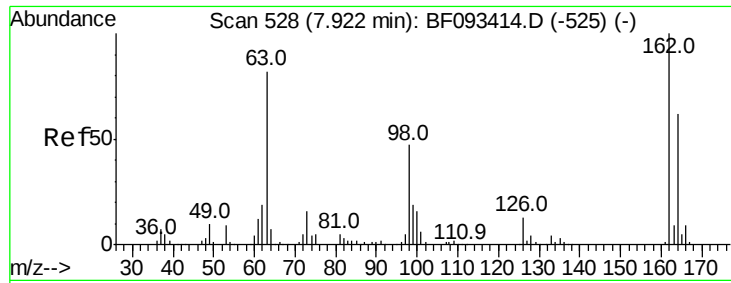
mohammad
3/15/2017 5:39:15 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.29 ng
RT: 7.76 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	10.1	8.6	13.0





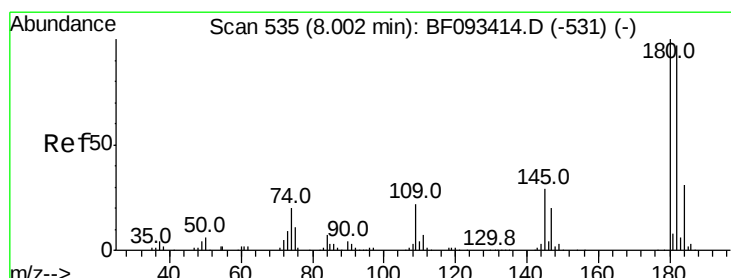
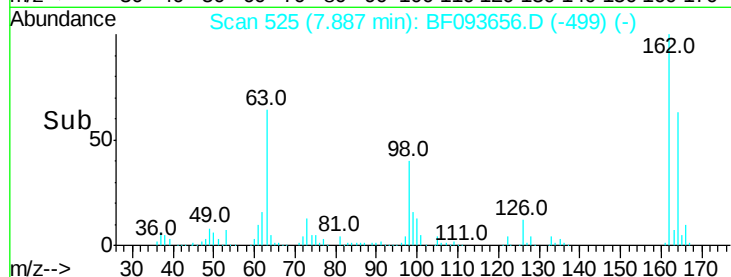
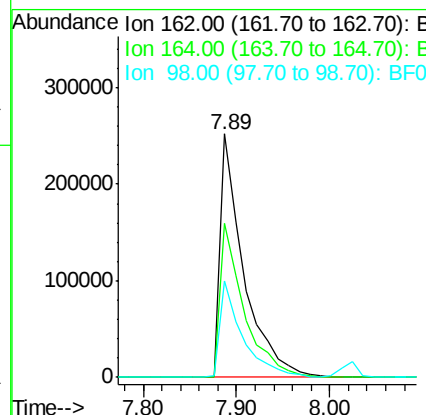
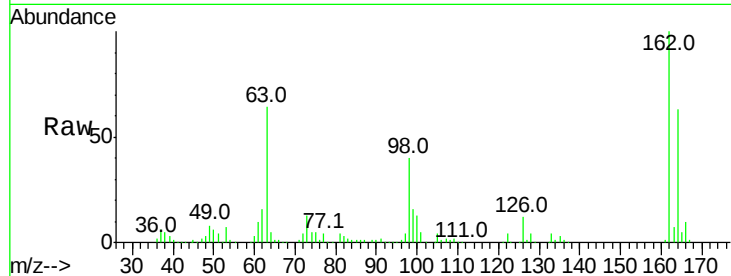
#29
 2,4-Dichlorophenol
 Concen: 40.97 ng
 RT: 7.89 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB97558BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.1	46.8	86.8
98	39.8	9.1	49.1

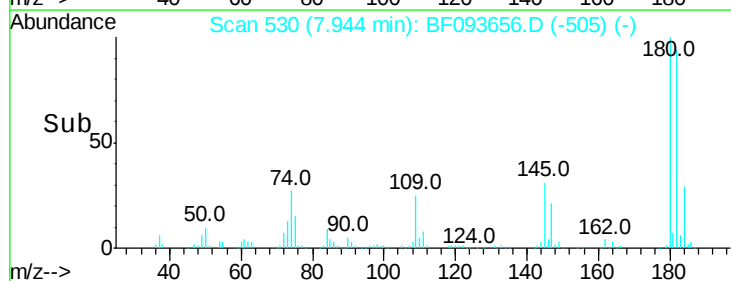
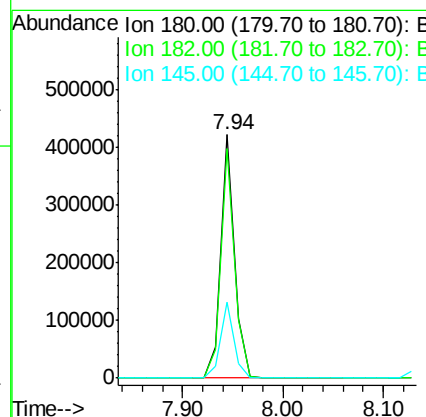
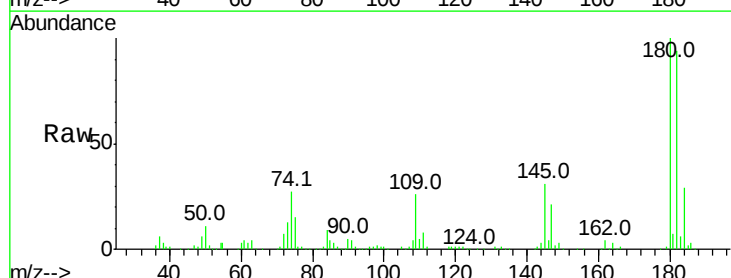
Manual Integrations
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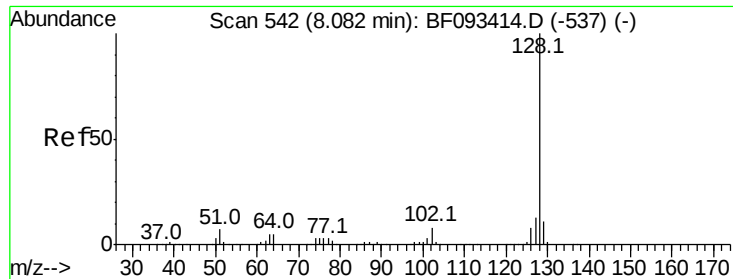
mohammad
 3/15/2017 5:39:15 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 35.32 ng
 RT: 7.94 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.4	78.2	117.4
145	31.1	21.6	32.4





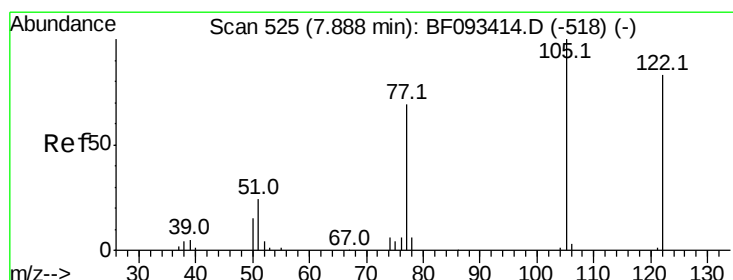
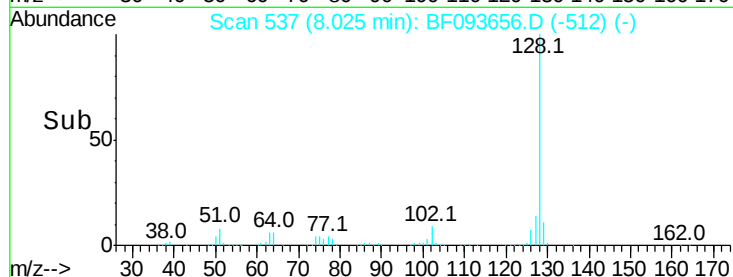
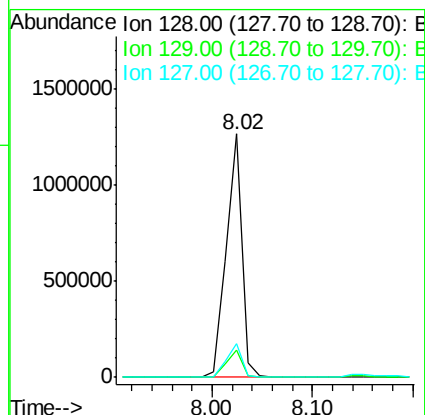
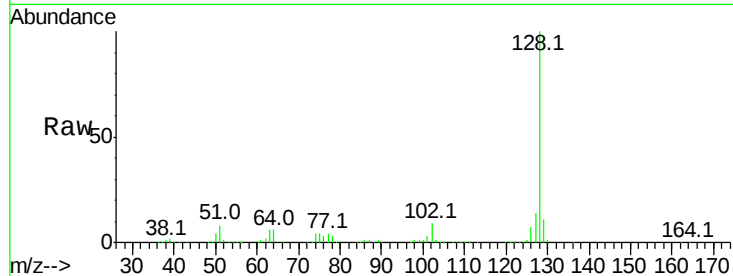
#31
Naphthalene
Concen: 36.06 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Instrument :
BNA_F
ClientSampleId :
PB97558BSD

Tot Ion:128 Resp: 1364518
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 13.6 10.8 16.2

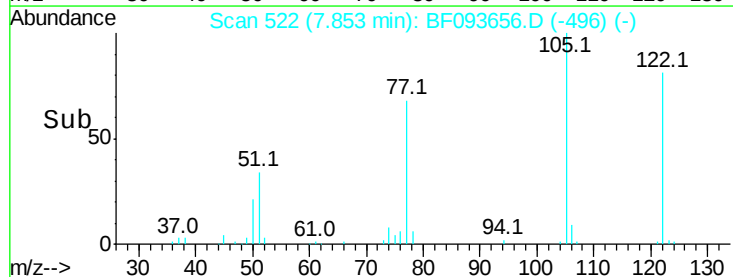
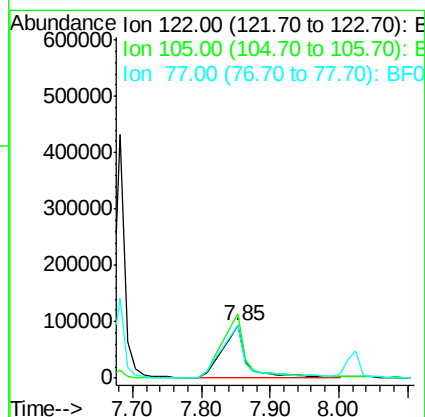
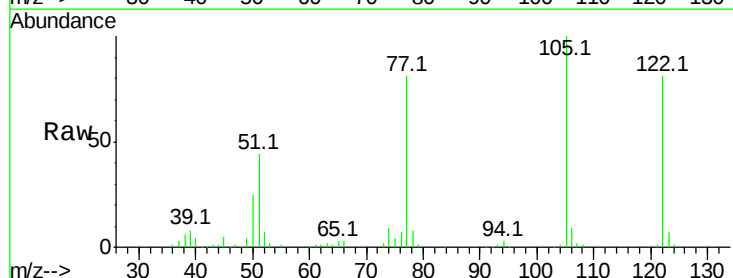
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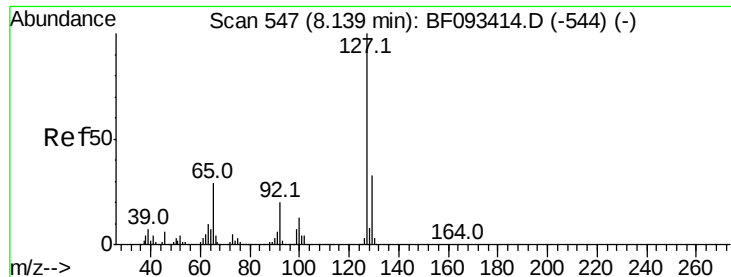
mohammad
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#32
Benzoic acid
Concen: 38.38 ng
RT: 7.85 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion:122 Resp: 226441
Ion Ratio Lower Upper
122 100
105 123.4 107.2 147.2
77 100.0 74.5 114.5





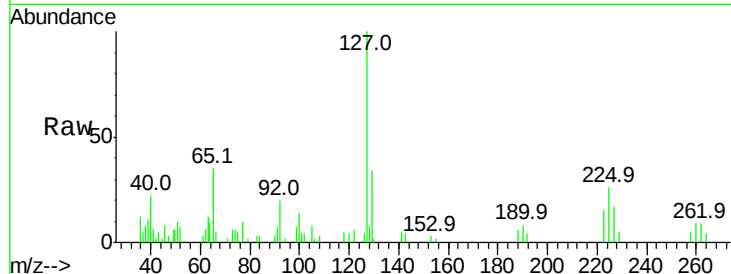
#33
4-Chloroaniline
Concen: 3.66 ng
RT: 8.15 min Scan# 548
Delta R.T. 0.06 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Instrument :
BNA_F
ClientSampleId :
PB97558BSD

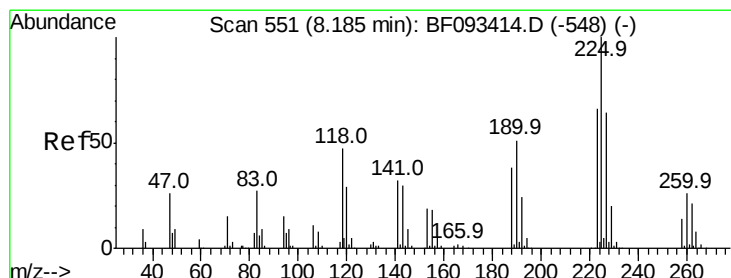
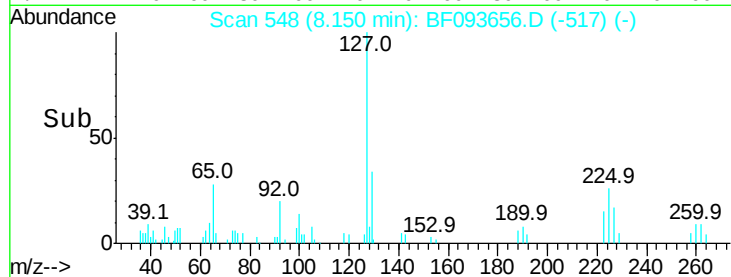
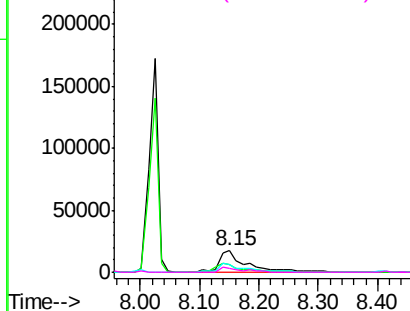
Tot Ion	Ratio	Lower	Upper
127	100		
129	34.4	26.3	39.5
65	35.5	25.8	38.8
92	19.9	16.1	24.1

Manual Integrations
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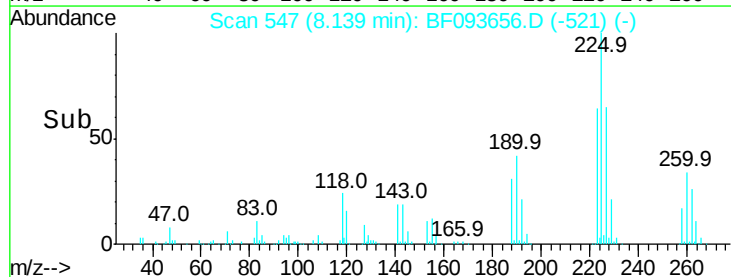
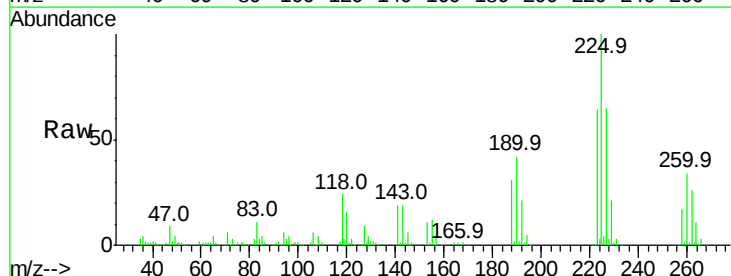
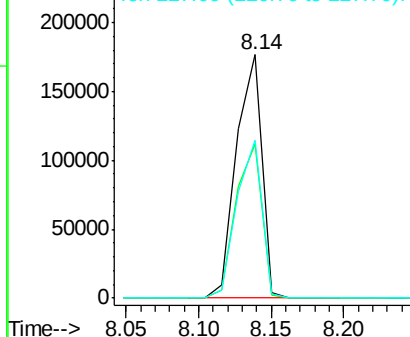
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

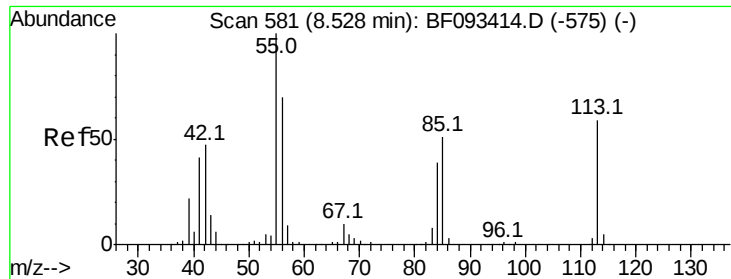


#34
Hexachlorobutadiene
Concen: 36.88 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.0	76.6
227	64.6	50.6	76.0

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





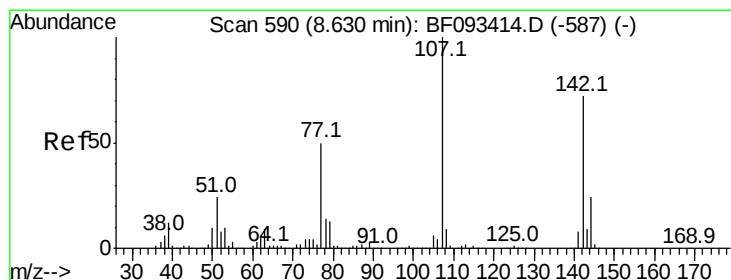
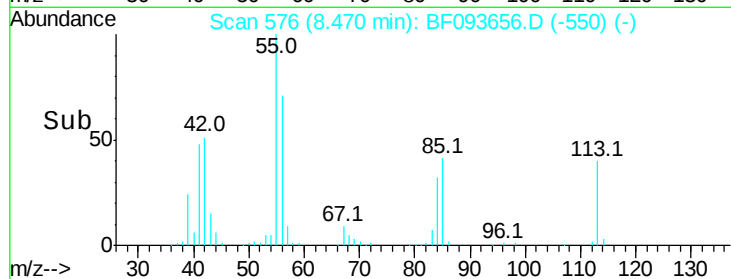
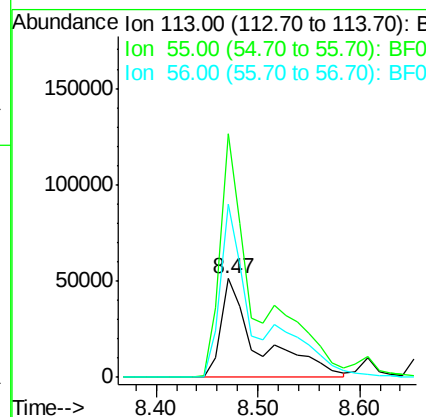
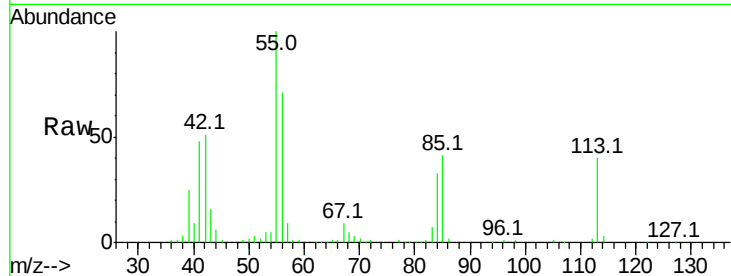
#35
Caprolactam
Concen: 35.72 ng/ml
RT: 8.47 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Instrument :
BNA_F
ClientSampleID :
PB97558BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	247.6	119.2	159.2#
56	176.2	83.8	123.8#

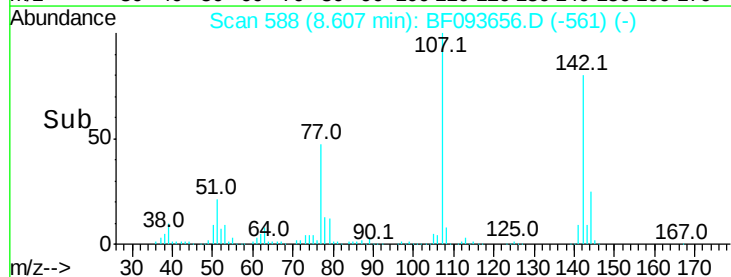
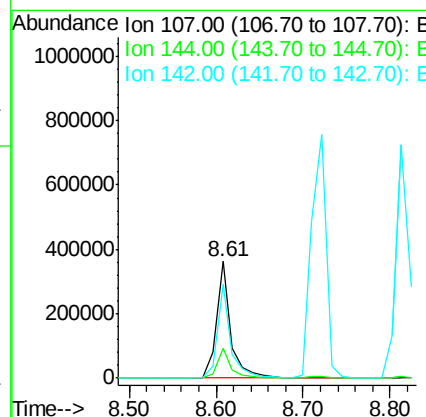
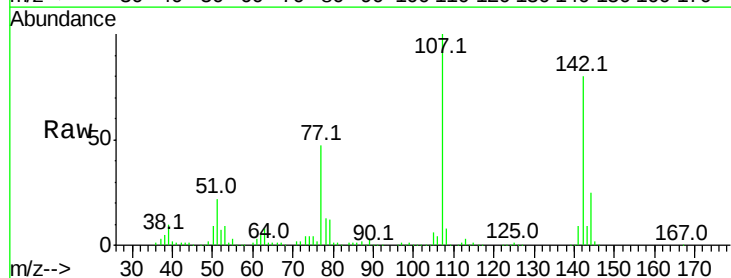
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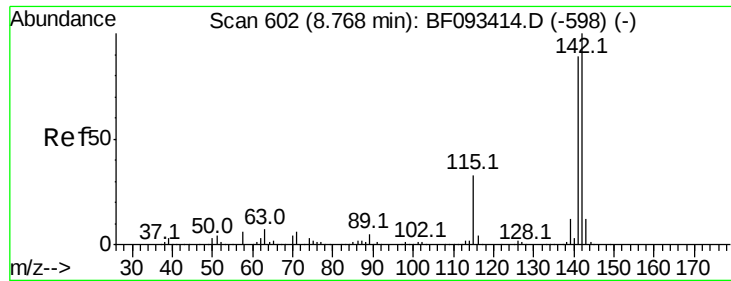
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 36.53 ng/ml
RT: 8.61 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	19.3	28.9
142	79.9	59.0	88.6





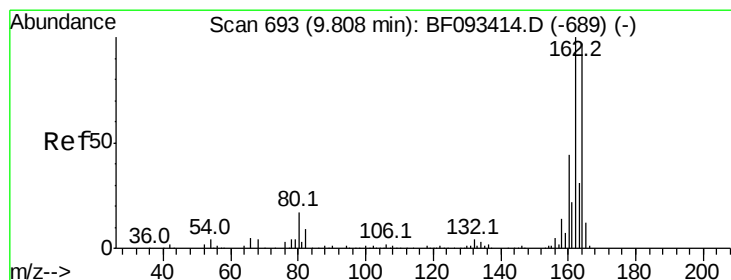
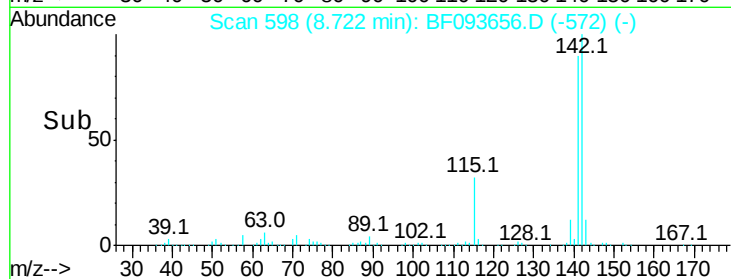
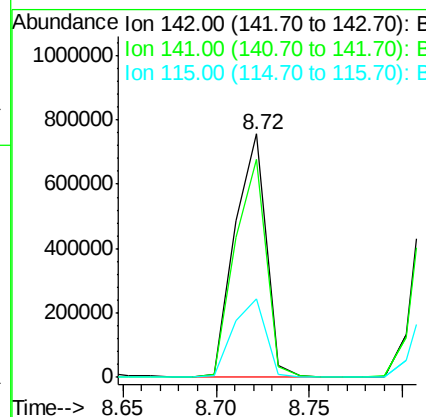
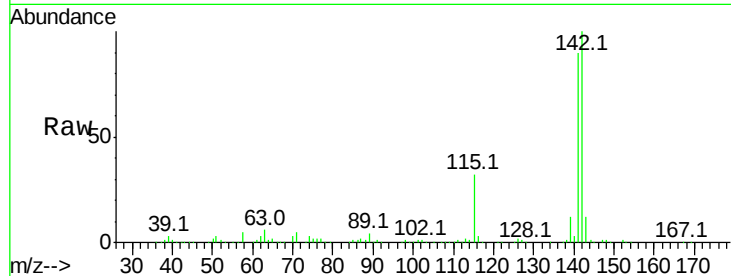
#37
 2-Methylnaphthalene
 Concen: 36.86 ng
 RT: 8.72 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB97558BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	32.2	28.3	42.5

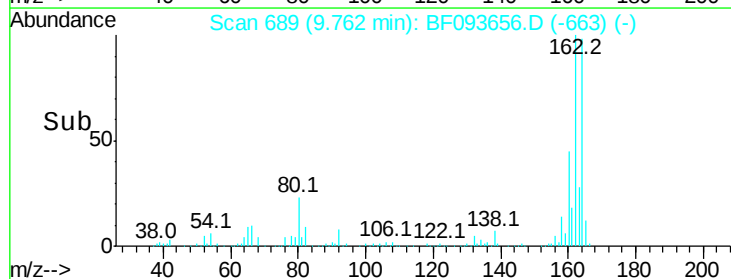
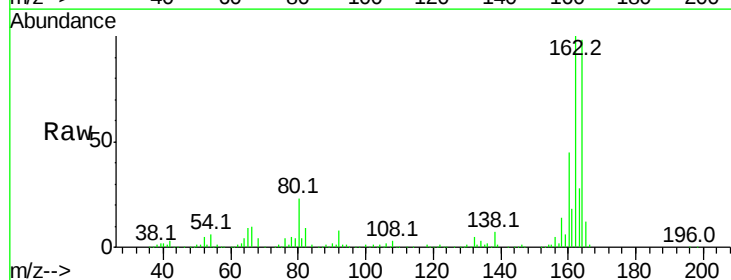
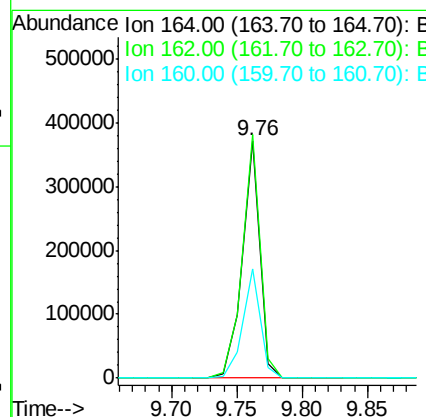
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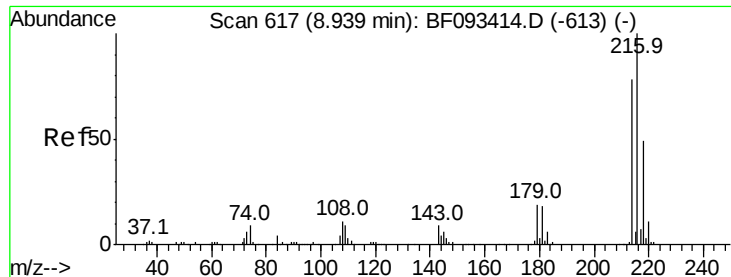
mohammad
 3/15/2017 5:39:15 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.2	120.2
160	45.9	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.83 ng

RT: 8.89 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_F

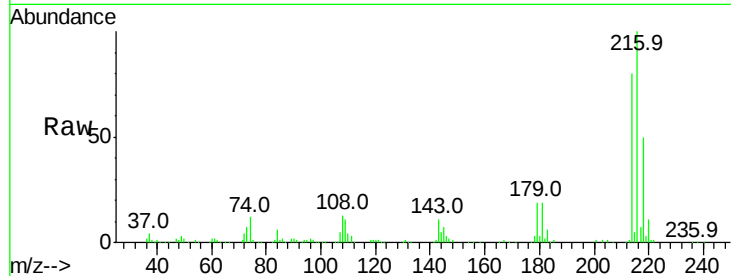
ClientSampleId :

PB97558BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	374977		
214	80.3		63.4	95.0
179	21.5		17.4	26.2
108	23.1		15.6	23.4

Manual Integrations
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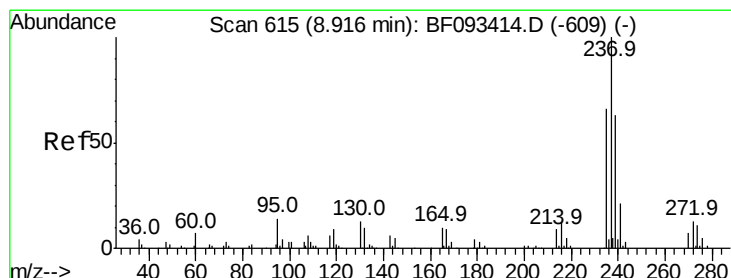
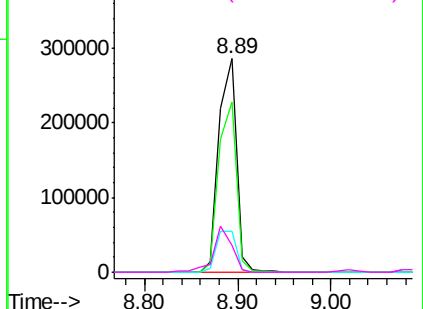
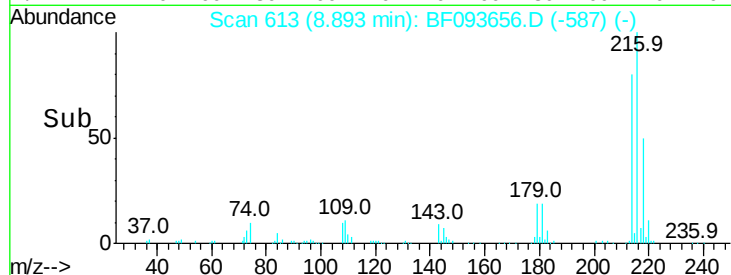


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 84.72 ng

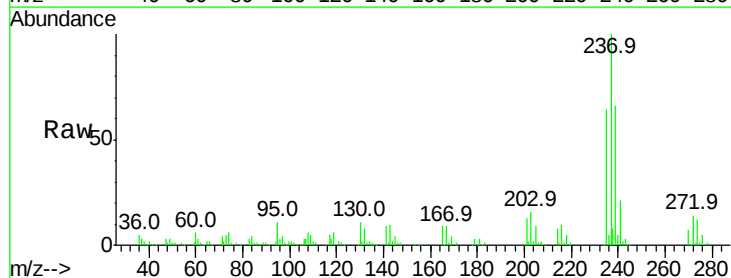
RT: 8.87 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

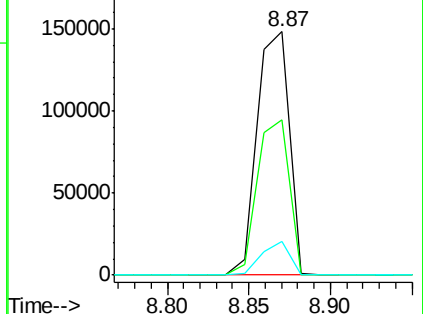
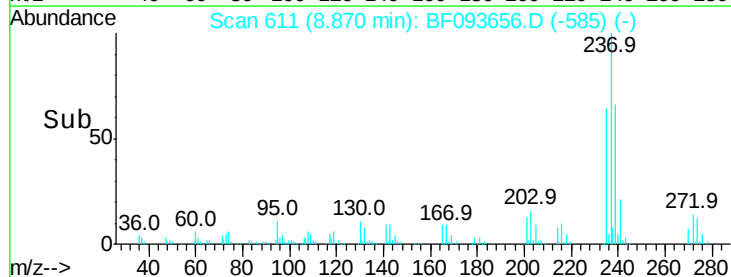
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	203267		
235	63.8		41.2	81.2
272	13.8		0.0	35.4

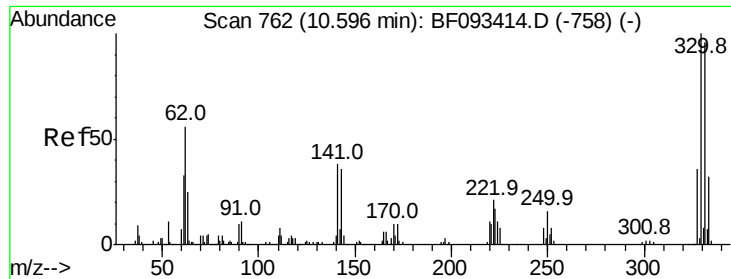


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





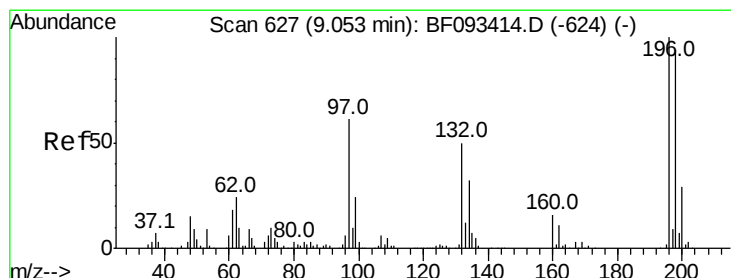
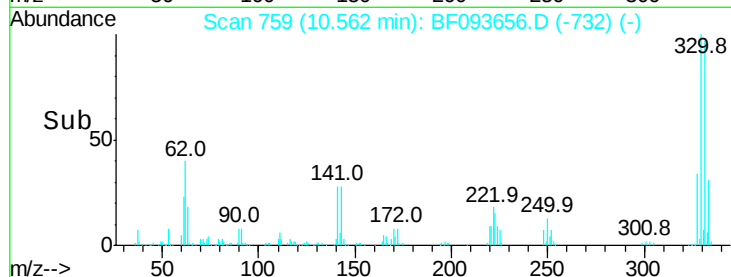
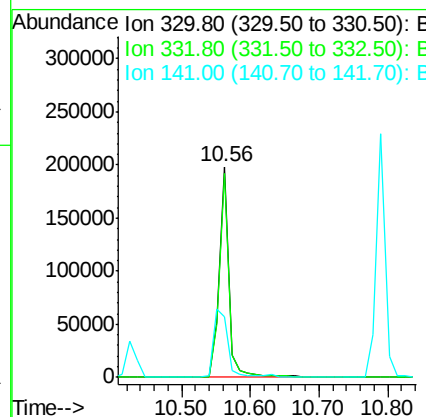
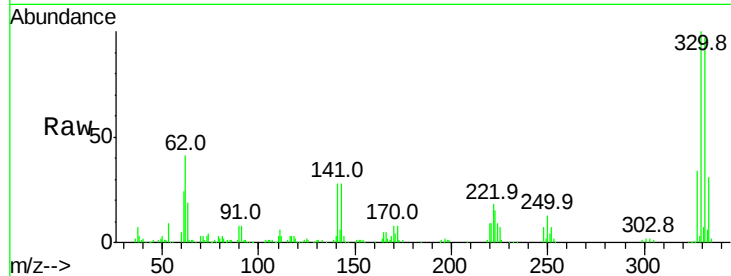
#41
 2,4,6-Tribromophenol
 Concen: 90.91 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB97558BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	45.3	34.1	51.1

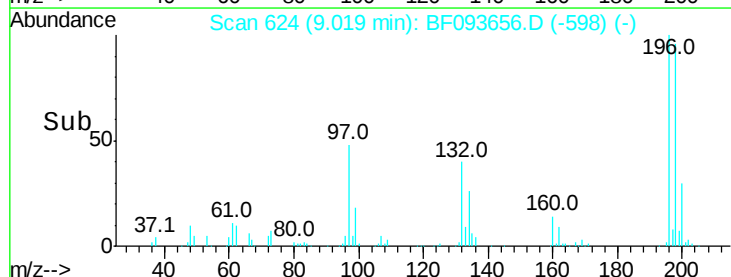
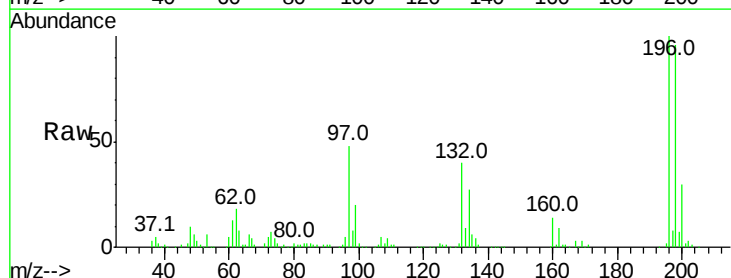
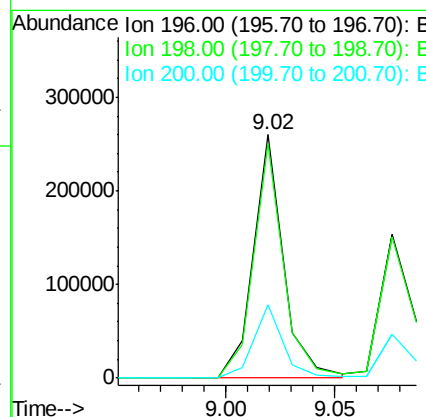
Manual Integrations
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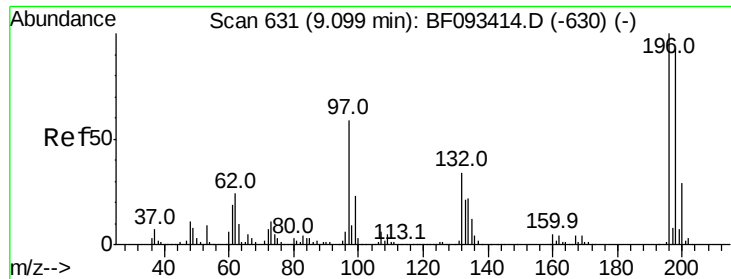
mohammad
 3/15/2017 5:39:15 PM



#42
 2,4,6-Trichlorophenol
 Concen: 42.50 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	82.1	123.1
200	30.3	27.0	40.4





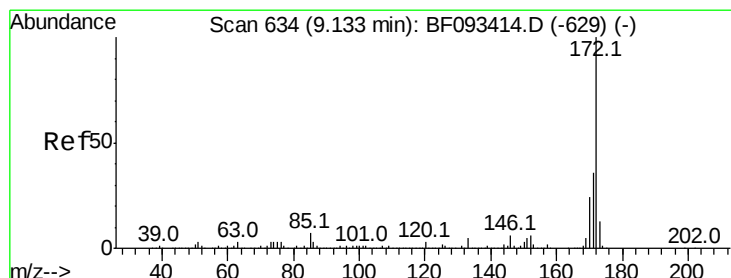
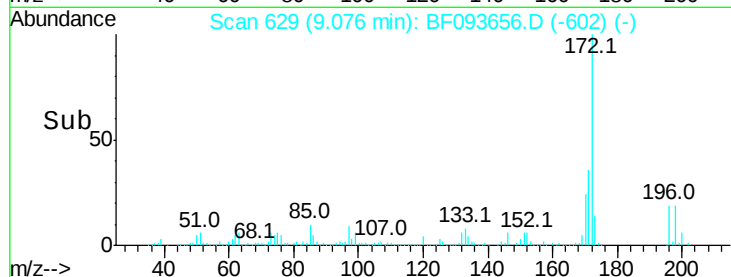
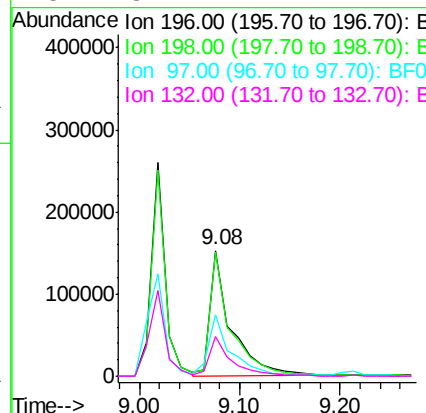
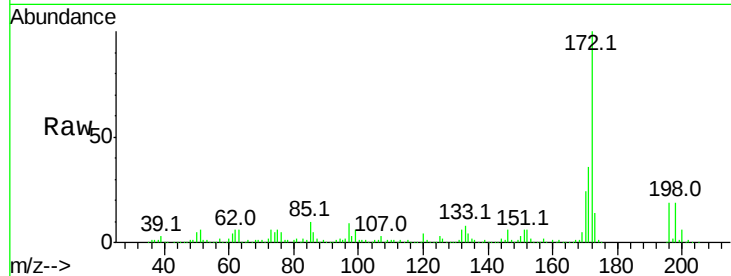
#43
2,4,5-Trichlorophenol
Concen: 34.83 ng
RT: 9.08 min Scan# 629
Delta R.T. 0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Instrument :
BNA_F
ClientSampleId :
PB97558BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	219839		
198	98.6	79.4	119.2	
97	49.1	51.5	77.3	
132	31.7	27.4	41.2	

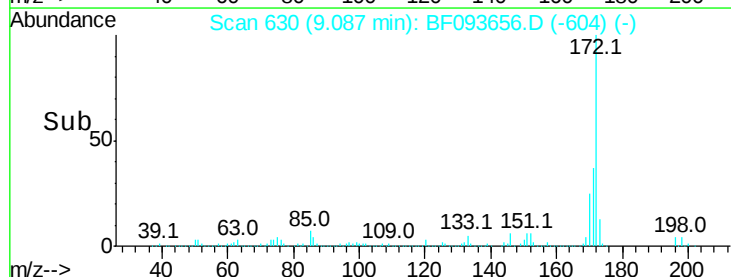
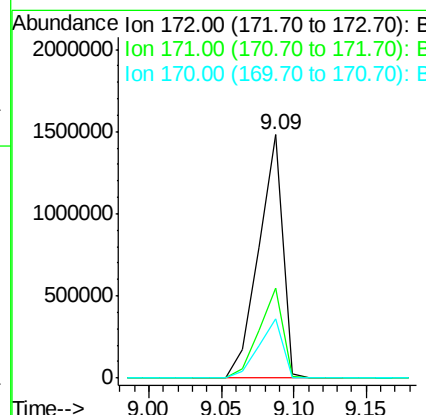
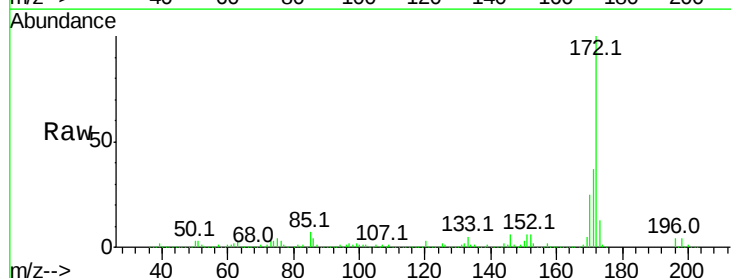
Manual Integrations
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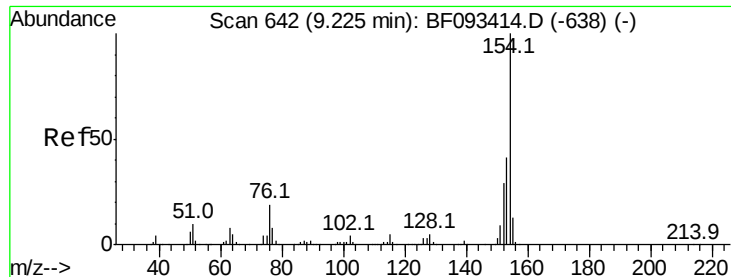
mohammad
3/15/2017 5:39:15 PM



#44
2-Fluorobiphenyl
Concen: 91.92 ng
RT: 9.09 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1703901		
171	36.7	29.4	44.0	
170	24.6	20.2	30.4	





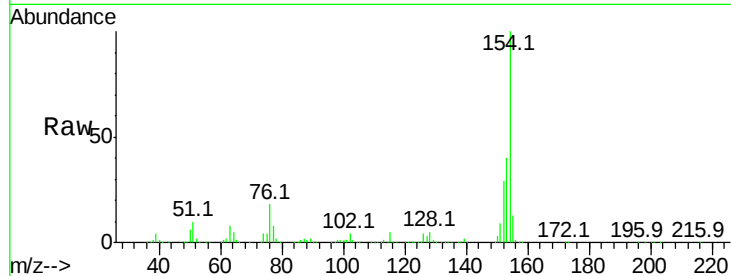
#45
 1,1'-Biphenyl
 Concen: 40.93 ng
 RT: 9.18 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Instrument :
 BNA_F
 ClientSampled :
 PB97558BSD

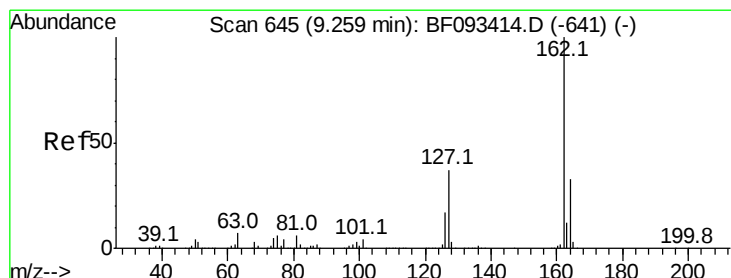
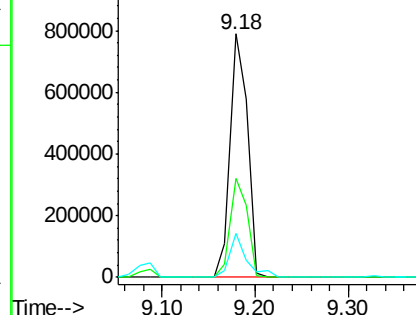
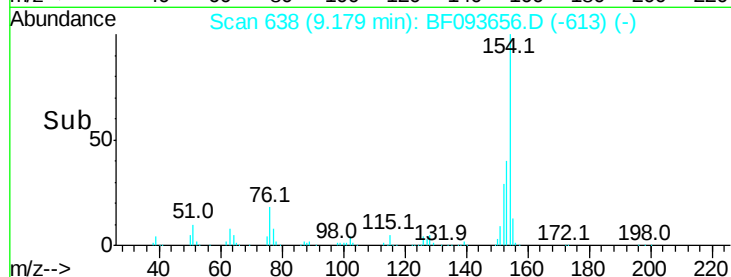
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.9	60.9
76	18.2	0.0	30.5

Manual Integrations
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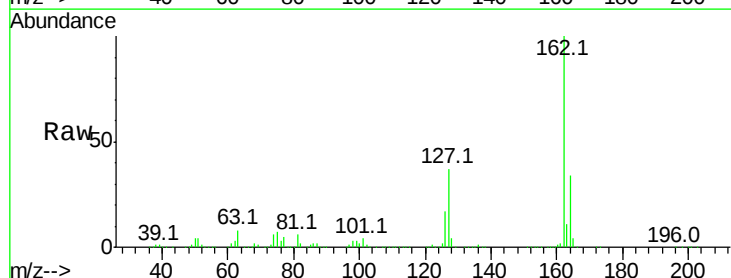


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

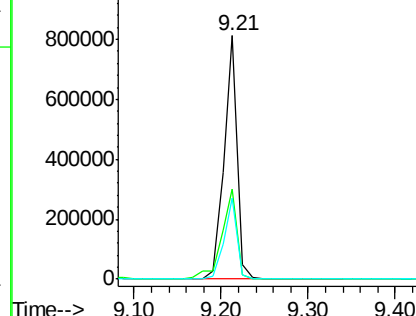
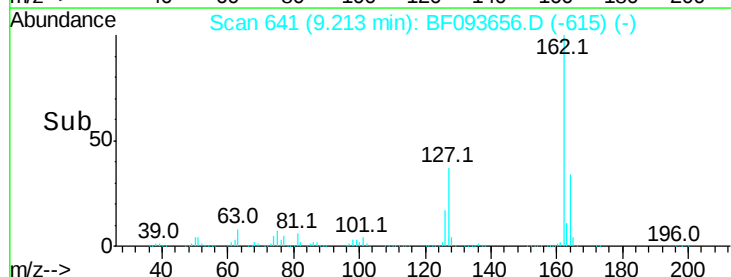


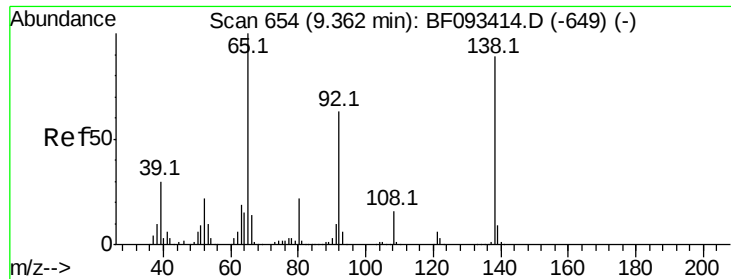
#46
 2-Chloronaphthalene
 Concen: 44.80 ng
 RT: 9.21 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.7	30.7	46.1
164	33.6	27.6	41.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





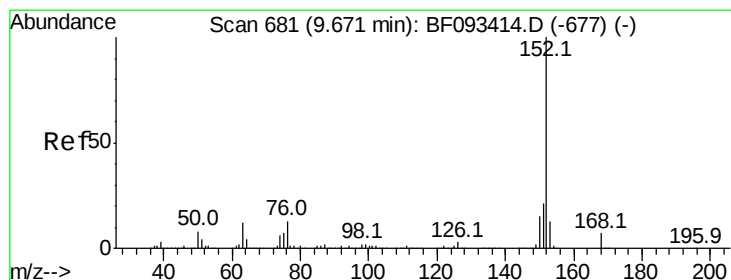
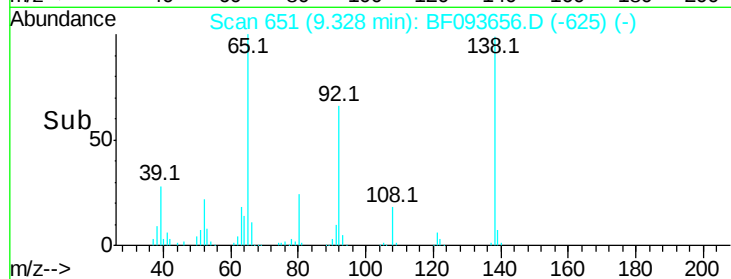
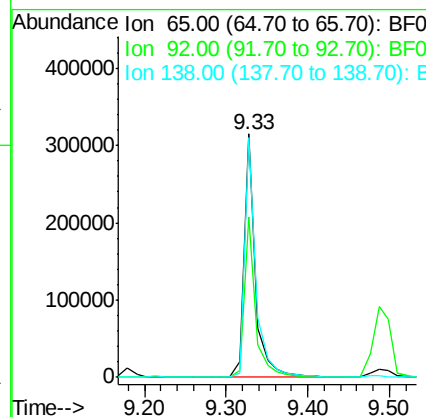
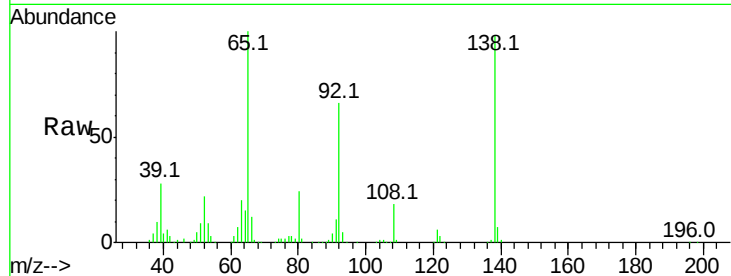
#47
2-Nitroaniline
Concen: 44.89 ng
RT: 9.33 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Instrument :
BNA_F
ClientSampleId :
PB97558BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.9	53.9	80.9
138	98.4	76.8	115.2

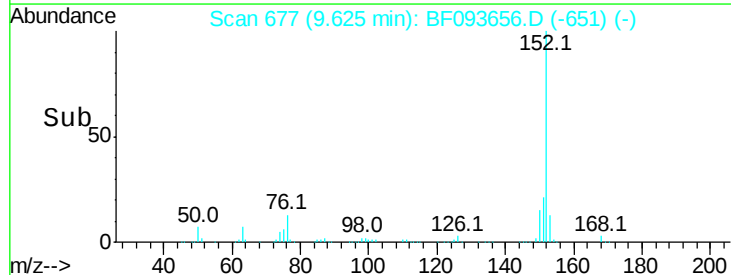
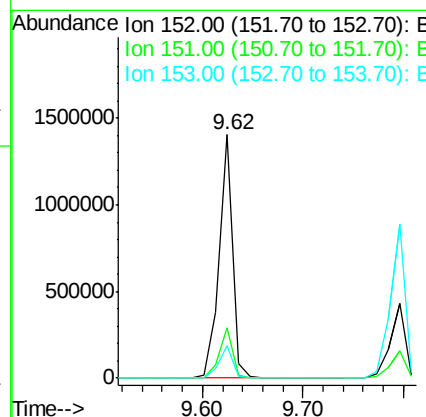
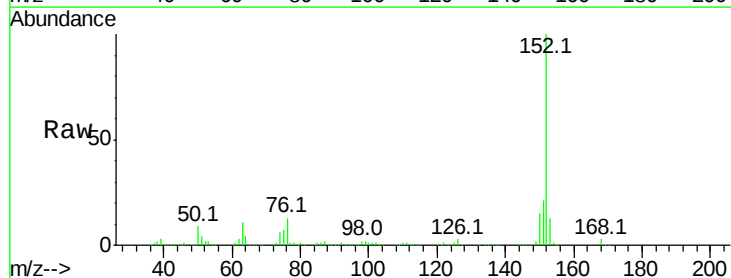
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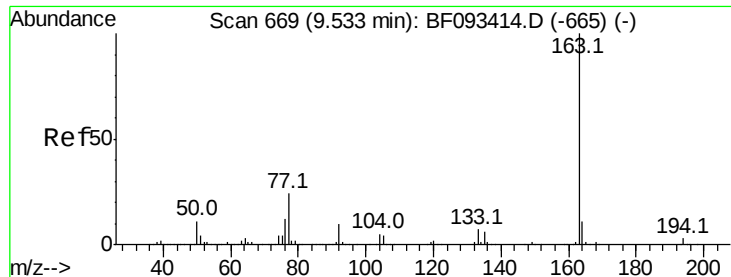
mohammad
3/15/2017 5:39:15 PM



#48
Acenaphthylene
Concen: 40.83 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	13.2	11.4	17.2





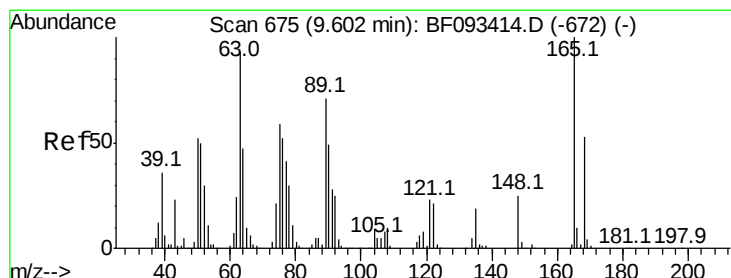
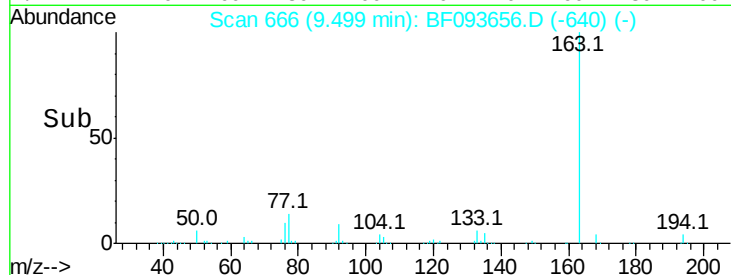
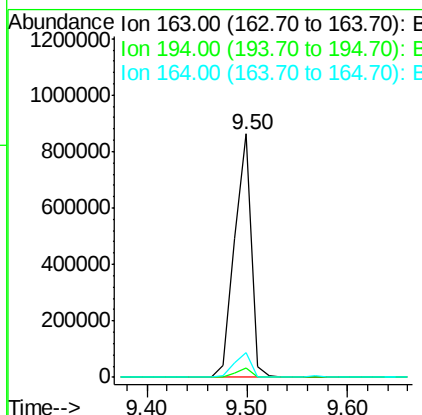
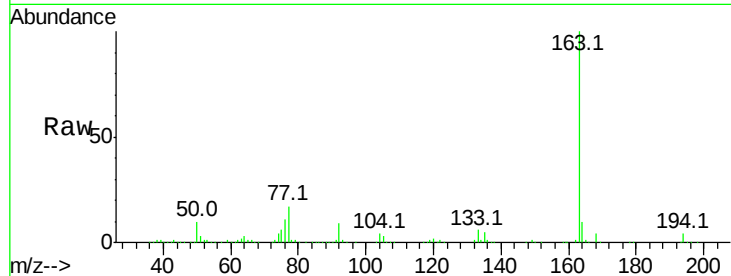
#49
Dimethylphthalate
Concen: 43.12 ng
RT: 9.50 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Instrument :
BNA_F
ClientSampleId :
PB97558BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	985700		
194	3.8		3.0	4.4
164	10.0		8.0	12.0

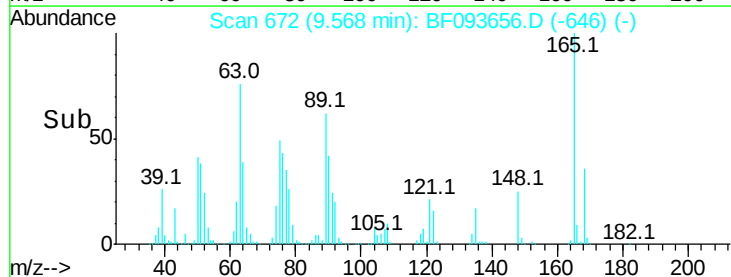
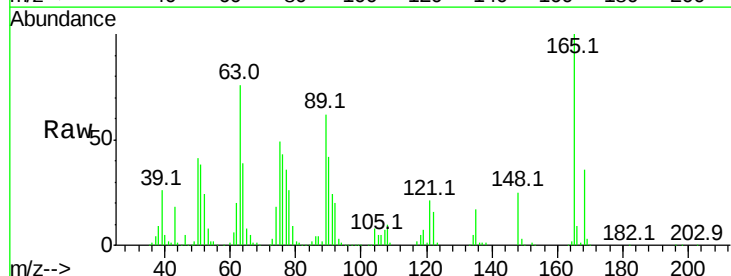
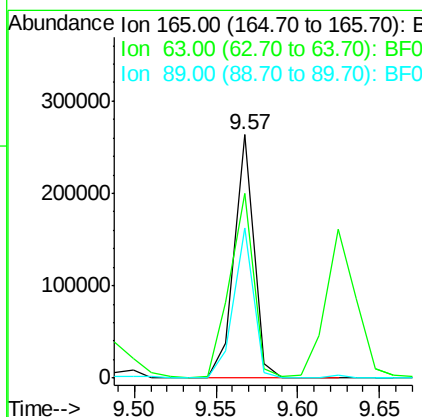
Manual Integrations
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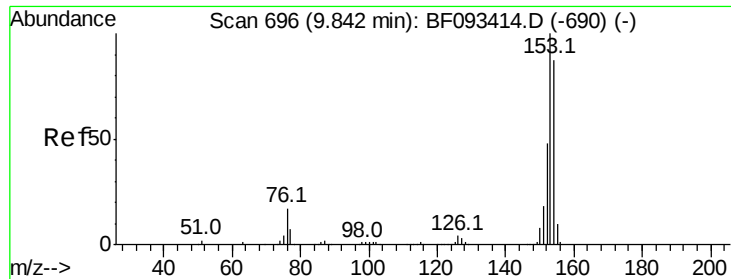
mohammad
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#50
2,6-Dinitrotoluene
Concen: 43.63 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	218854		
63	75.7		36.2	54.4#
89	61.9		40.2	60.4#





#51

Acenaphthene

Concen: 42.23 ng

RT: 9.80 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_F

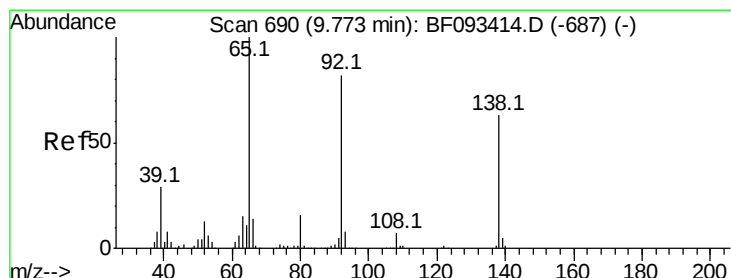
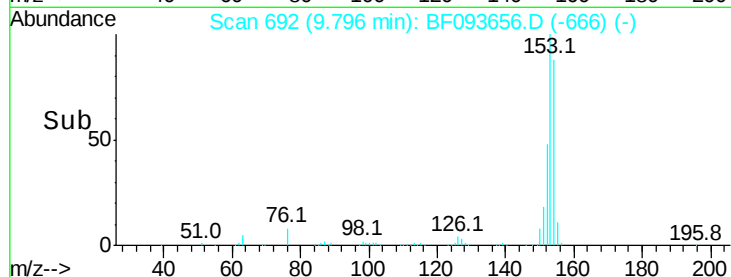
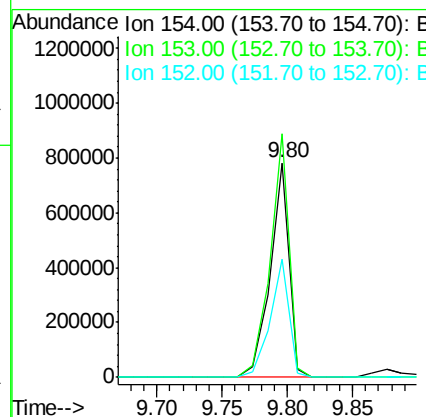
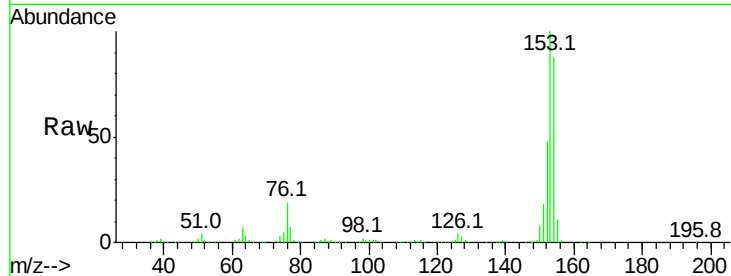
ClientSampleId :

PB97558BSD

Tot Ion:	154	Resp:	791760
Ion Ratio	Lower	Upper	
154	100		
153	113.6	88.6	133.0
152	54.9	41.6	62.4

Manual Integrations
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3/15/2017 5:39:15 PM



#52

3-Nitroaniline

Concen: 14.16 ng

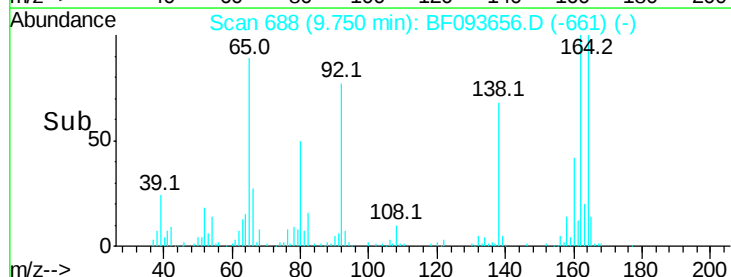
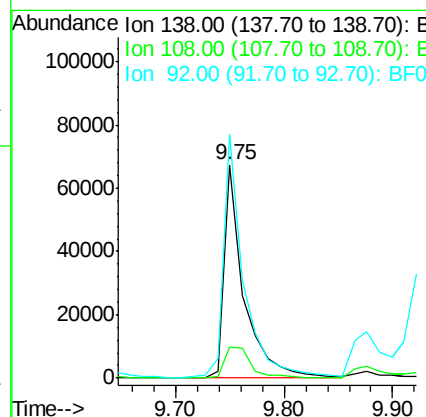
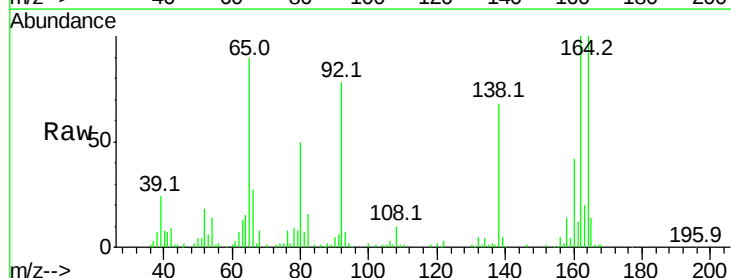
RT: 9.75 min Scan# 688

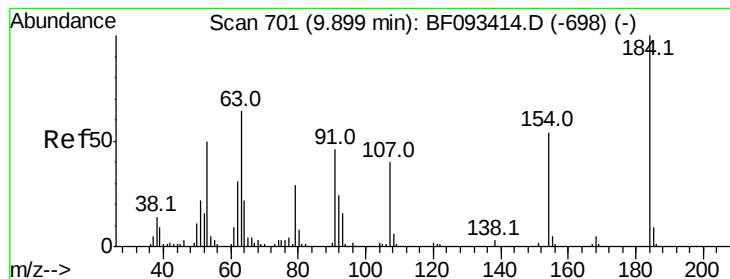
Delta R.T. 0.01 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Tgt Ion:	138	Resp:	85317
Ion Ratio	Lower	Upper	
138	100		
108	14.3	8.5	12.7#
92	114.1	97.8	146.8





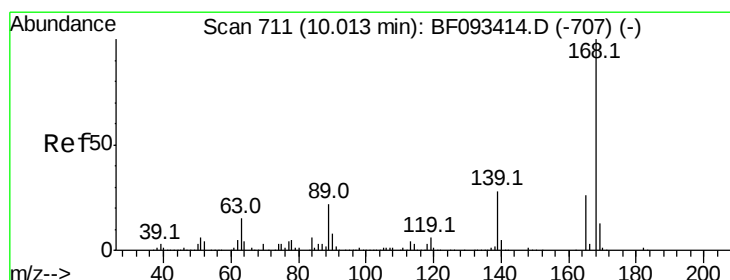
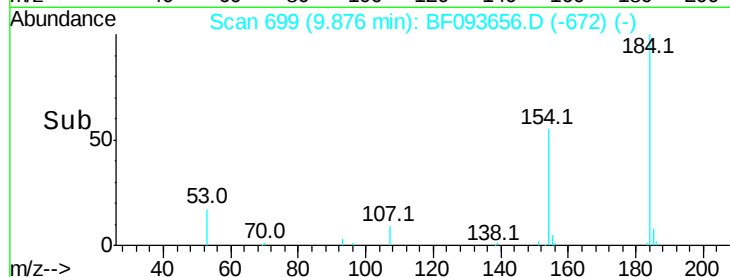
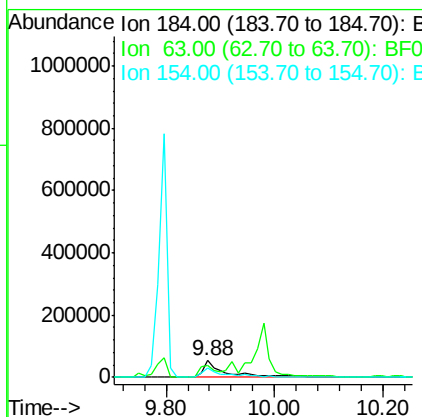
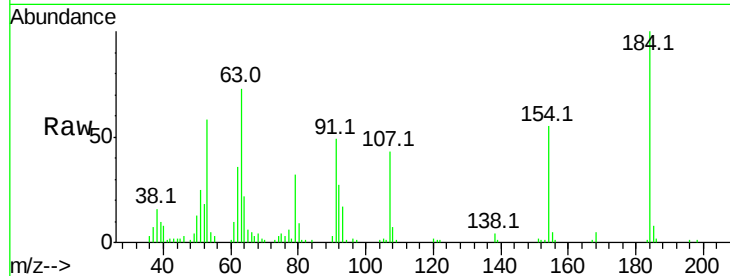
#53
 2,4-Dinitrophenol
 Concen: 69.40 ng
 RT: 9.88 min Scan# 699
 Delta R.T. 0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Instrument :
 BNA_F
 ClientSampleID :
 PB97558BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	158519		
63	72.7	28.4	42.6#	
154	55.5	44.3	66.5	

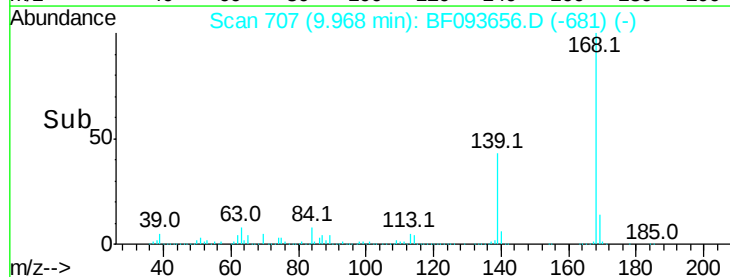
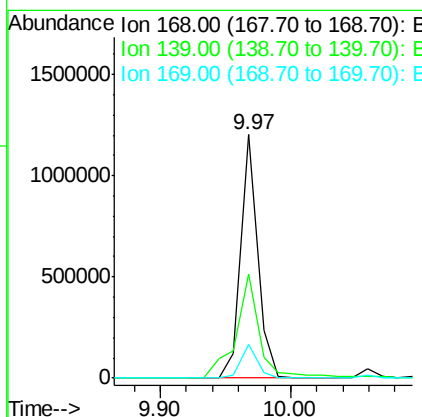
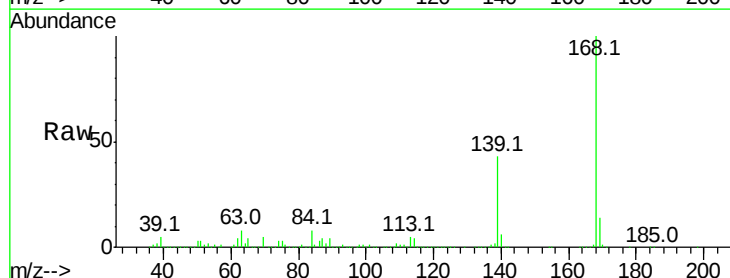
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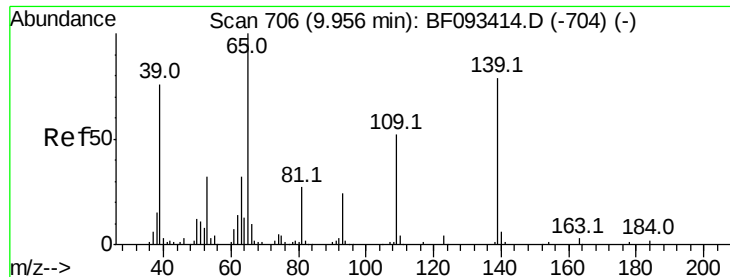
mohammad
 3/15/2017 5:39:15 PM



#54
 Dibenzofuran
 Concen: 45.87 ng
 RT: 9.97 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1076653		
139	42.7	32.6	49.0	
169	13.8	11.3	16.9	





#55

4-Nitrophenol

Concen: 53.44 ng/mL

RT: 9.96 min Scan# 706

Delta R.T. 0.02 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_F

ClientSampleId :

PB97558BSD

Tot Ion:139 Resp: 156409

Ion Ratio Lower Upper

139 100

109 37.2 52.2 92.2#

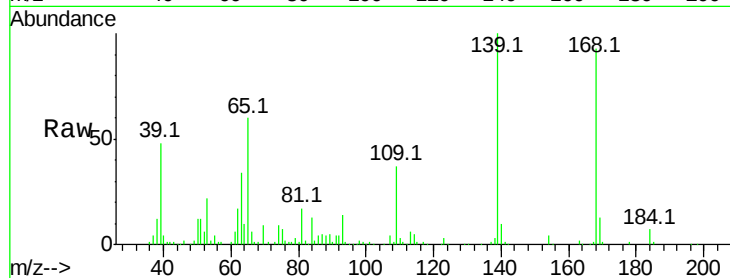
65 60.3 85.8 125.8#

Manual Integrations

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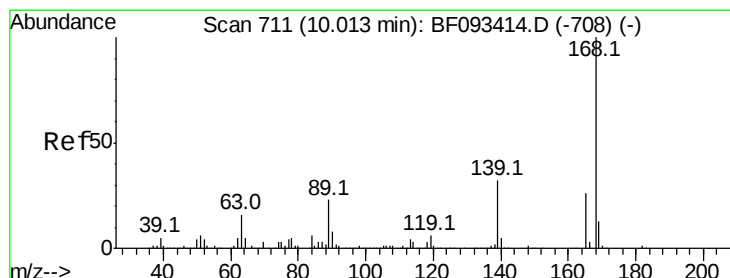
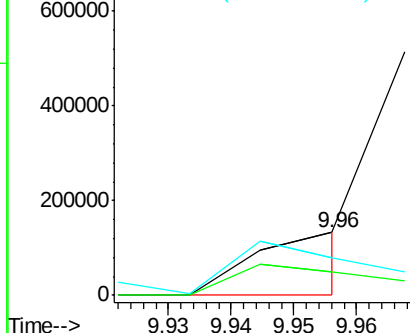
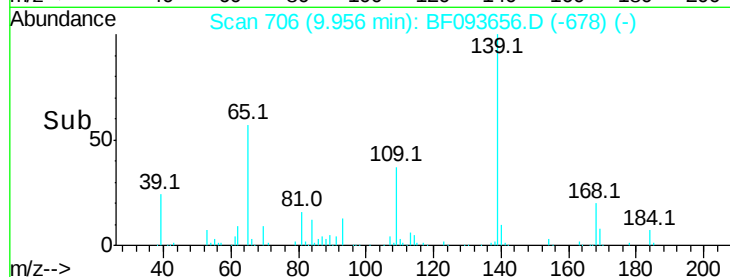
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 46.12 ng/mL

RT: 9.98 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Tgt Ion:165 Resp: 284222

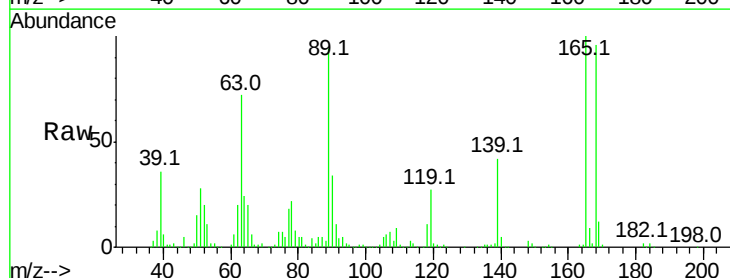
Ion Ratio Lower Upper

165 100

63 72.4 40.2 60.4#

89 94.3 62.5 93.7#

182 1.9 1.8 2.8

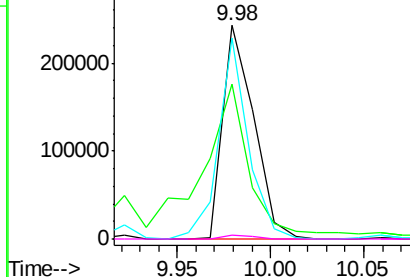
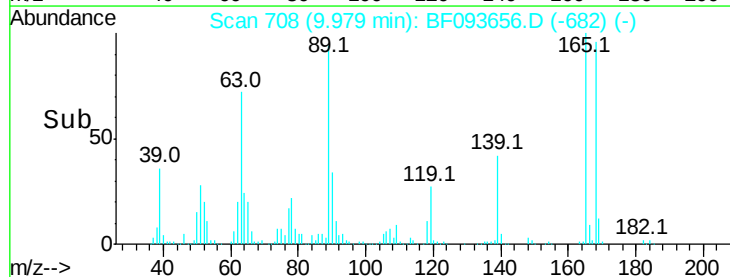


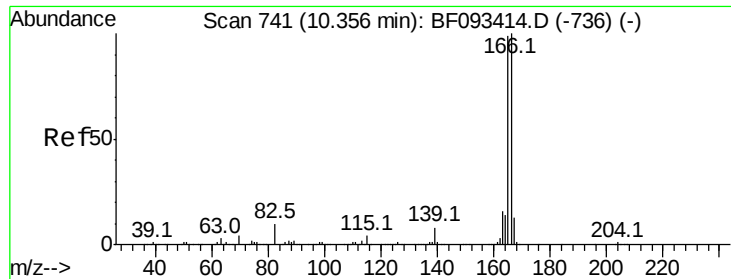
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





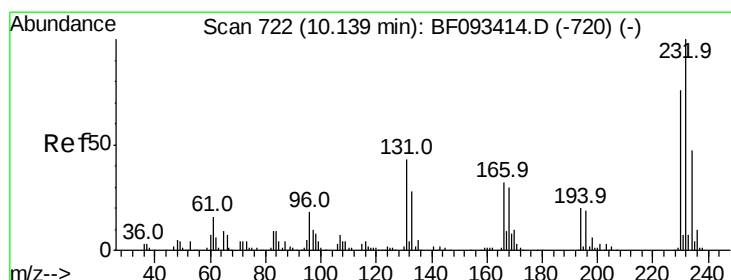
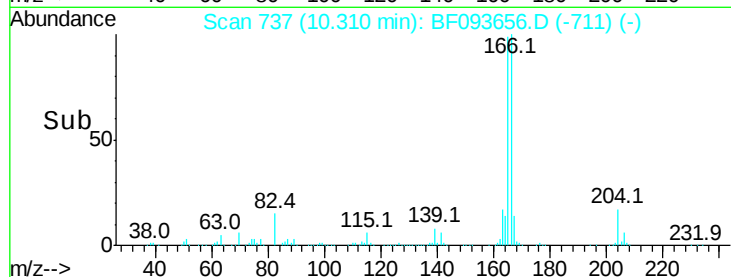
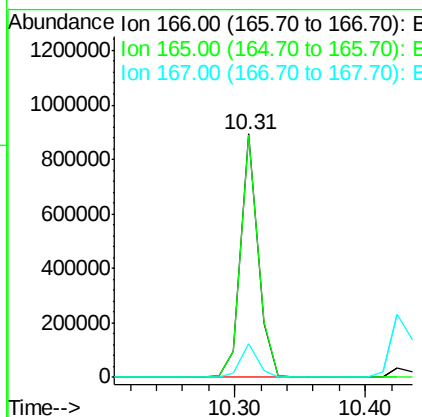
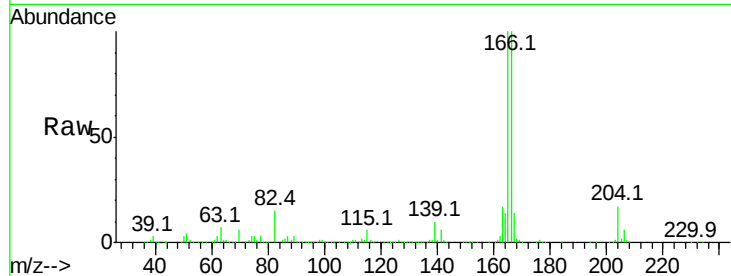
#57
Fluorene
 Concen: 41.35 ng
 RT: 10.31 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB97558BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	822308		
165	99.6	77.8	116.8	
167	13.8	10.8	16.2	

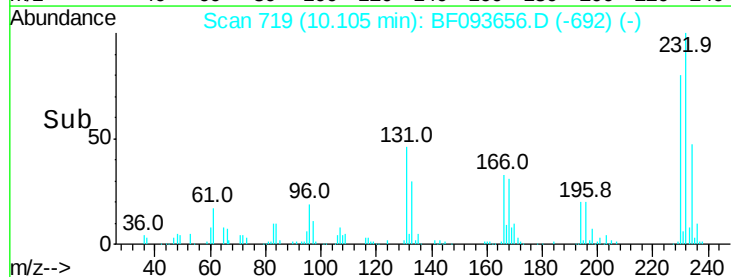
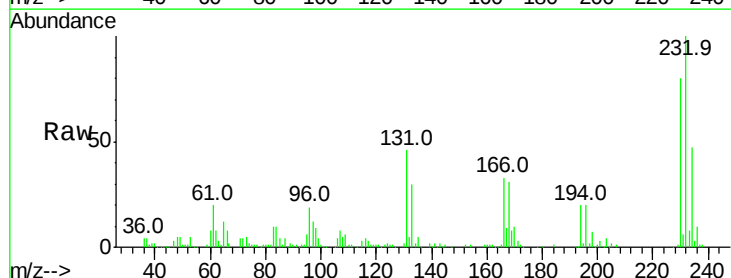
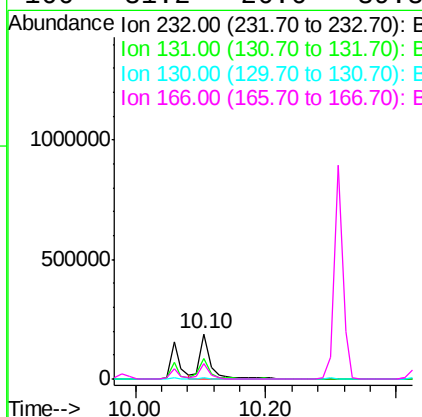
Manual Integrations
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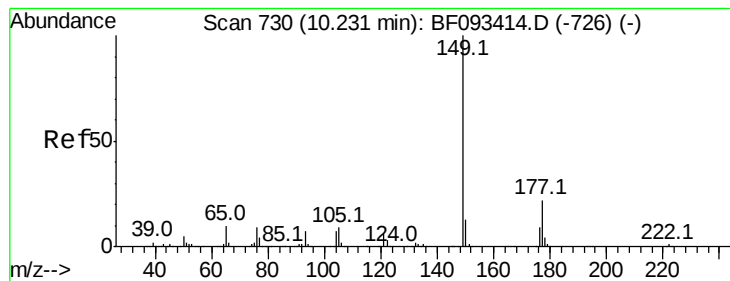
mohammad
 3/15/2017 5:39:15 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 47.83 ng
 RT: 10.10 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	213071		
131	48.7	40.1	60.1	
130	2.6	1.8	2.8	
166	31.2	26.6	39.8	





#59

Diethylphthalate

Concen: 45.50 ng

RT: 10.20 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_F

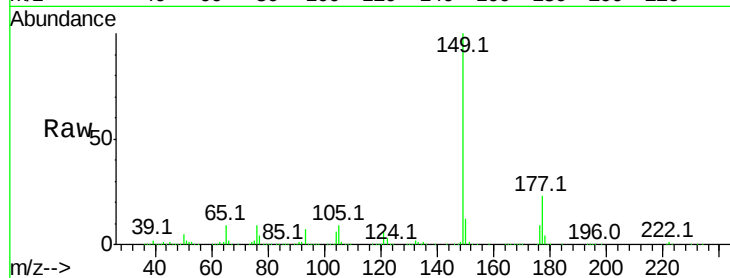
ClientSampled :

PB97558BSD

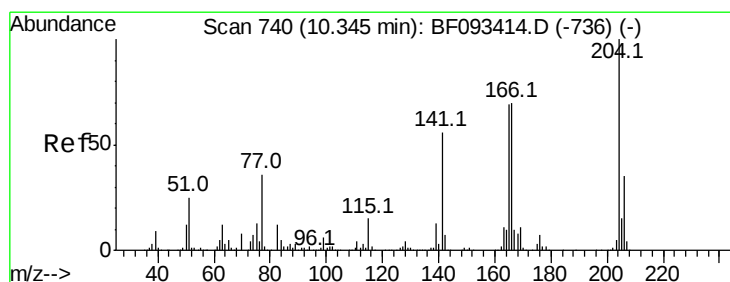
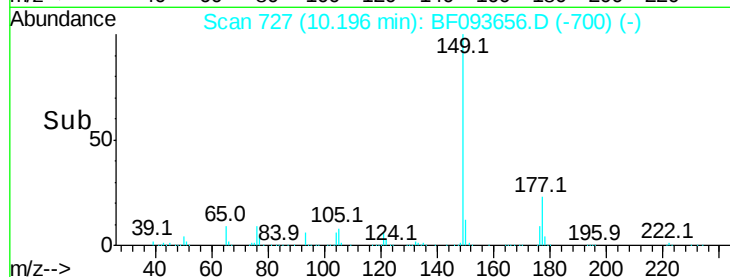
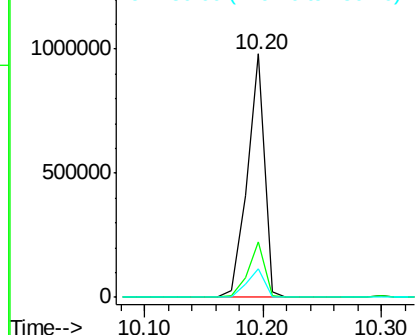
Tot Ion:	149	Resp:	994106
Ion Ratio	Lower	Upper	
149	100		
177	23.0	16.6	25.0
150	12.0	10.4	15.6

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



#60

4-Chlorophenyl-phenylether

Concen: 42.70 ng

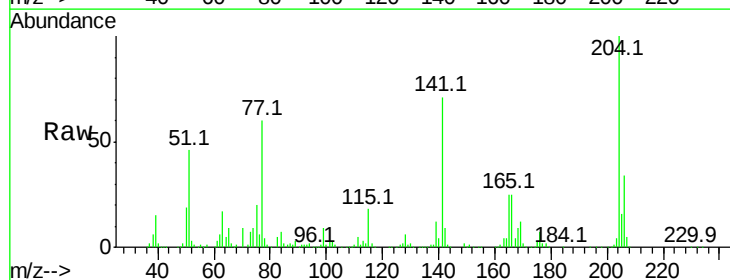
RT: 10.30 min Scan# 736

Delta R.T. -0.00 min

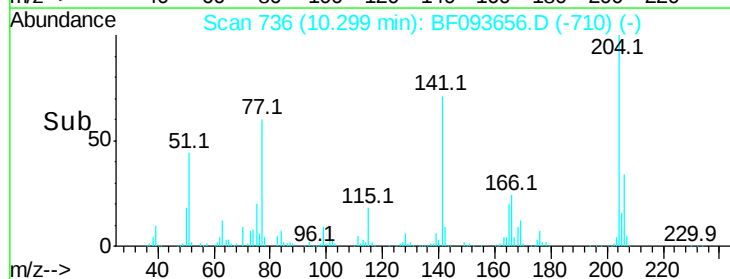
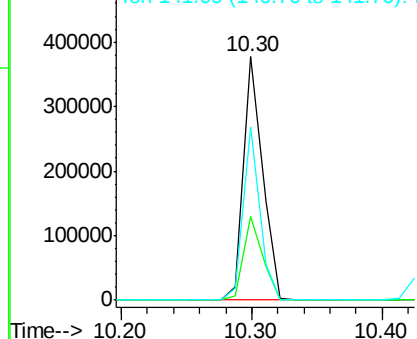
Lab File: BF093656.D

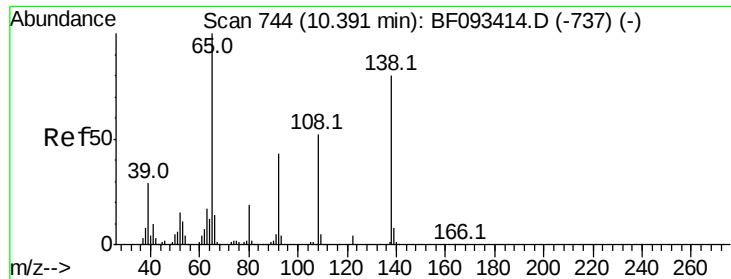
Acq: 14 Mar 2017 14:04

Tgt Ion:	204	Resp:	380619
Ion Ratio	Lower	Upper	
204	100		
206	34.2	25.8	38.6
141	70.9	59.4	89.0



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





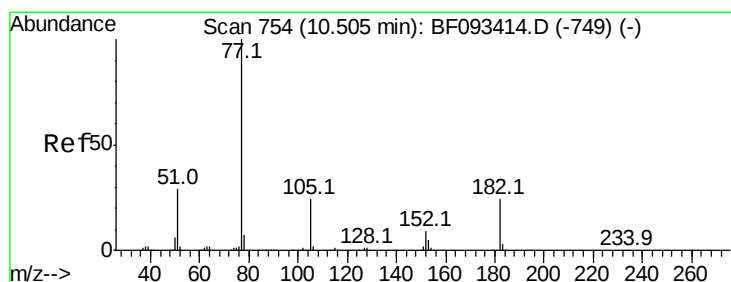
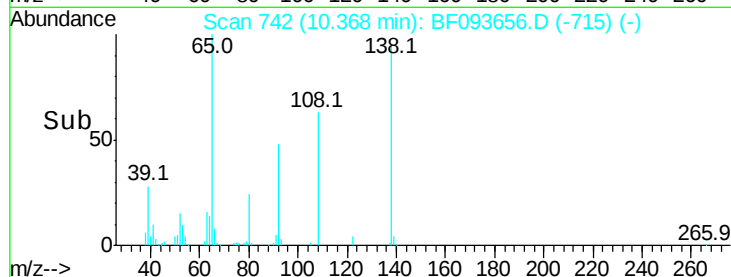
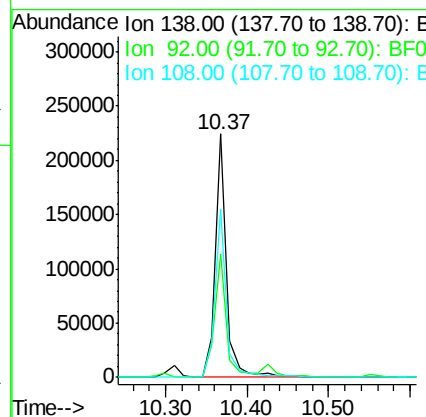
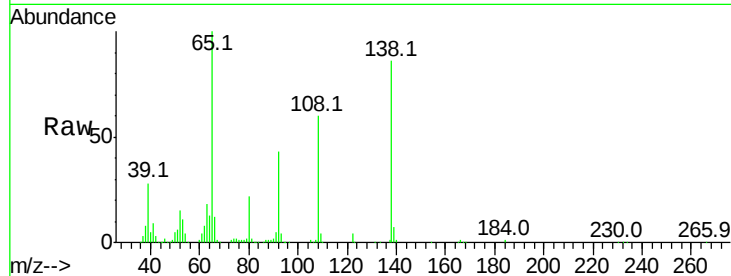
#61
4-Nitroaniline
Concen: 35.46 ng
RT: 10.37 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Instrument :
BNA_F
ClientSampleId :
PB97558BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.6	31.7	71.7
108	69.3	52.6	92.6

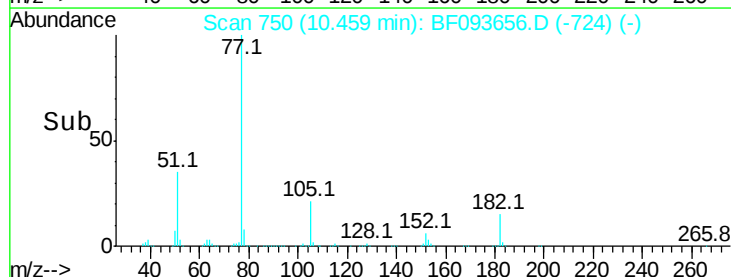
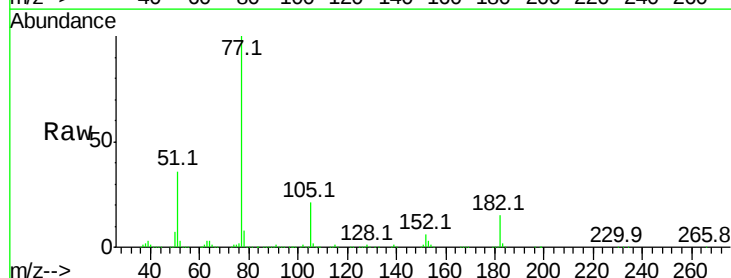
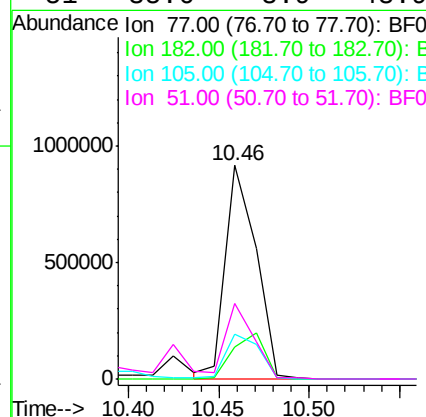
Manual Integrations
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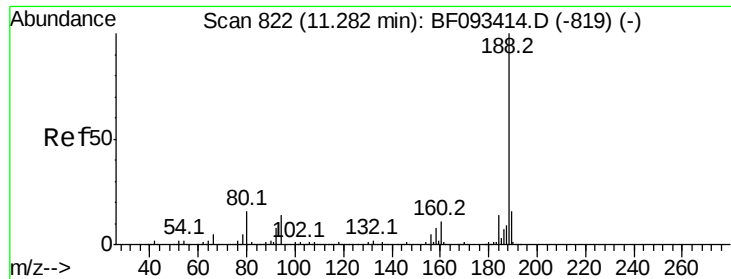
mohammad
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#62
Azobenzene
Concen: 42.91 ng m
RT: 10.46 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion	Ratio	Lower	Upper
77	100		
182	14.7	0.0	39.3
105	20.9	2.3	42.3
51	35.6	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_F

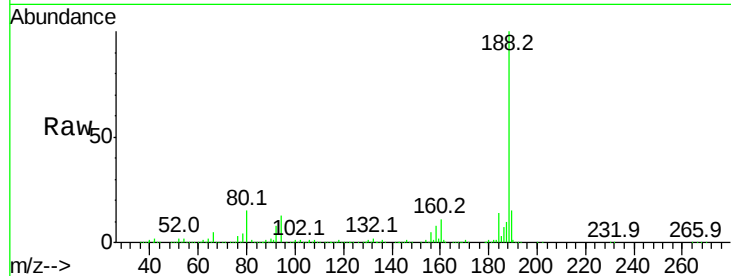
ClientSampleId :

PB97558BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	606177		
94	13.2		10.0	15.0
80	14.6		11.2	16.8

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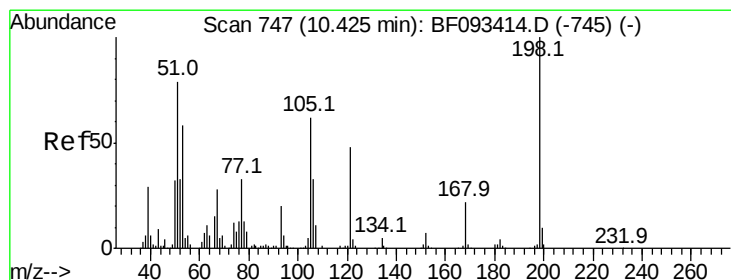
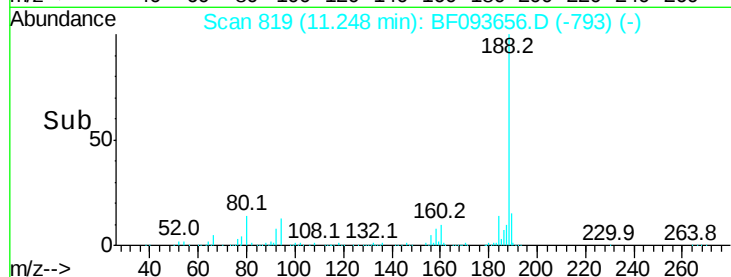
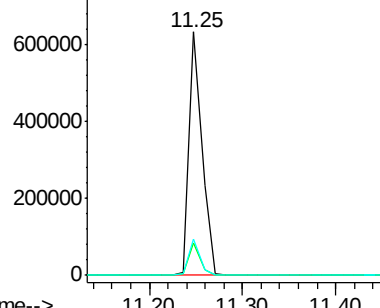
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 30.75 ng

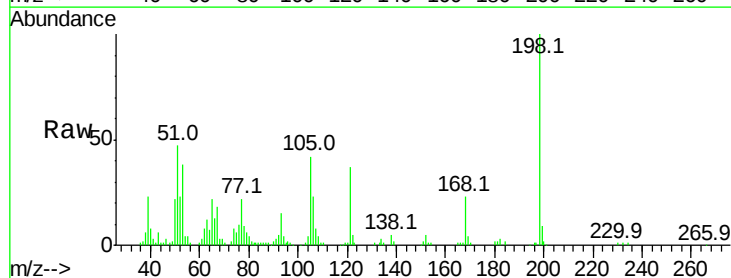
RT: 10.40 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

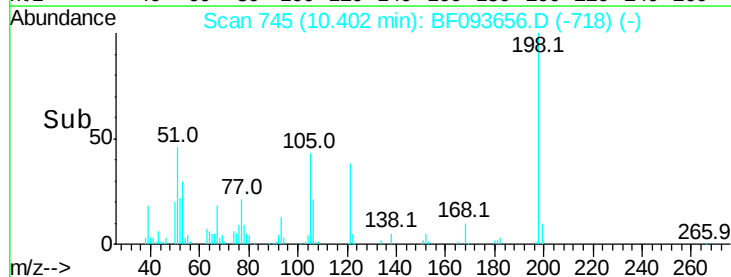
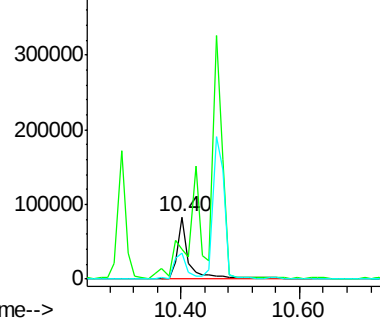
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	120758		
51	47.4		6.7	46.7#
105	42.4		16.6	56.6

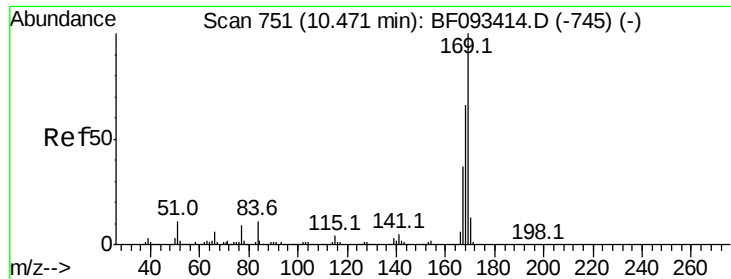


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 35.31 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_F

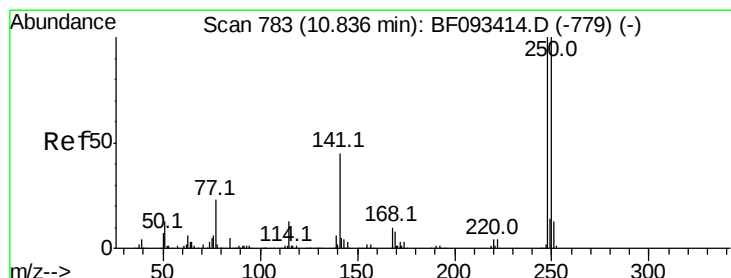
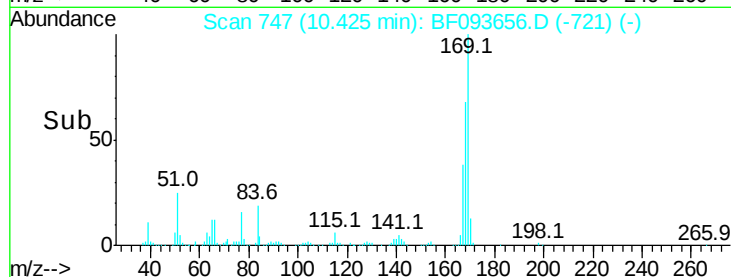
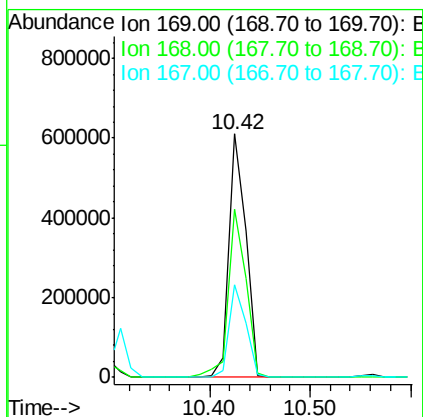
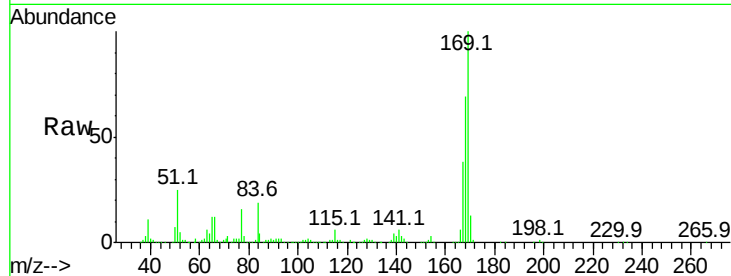
ClientSampleId :

PB97558BSD

Tot Ion:	169	Resp:	714625
Ion Ratio	Lower	Upper	
169	100		
168	68.8	54.2	81.2
167	38.3	30.2	45.4

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#66

4-Bromophenyl-phenylether

Concen: 35.58 ng

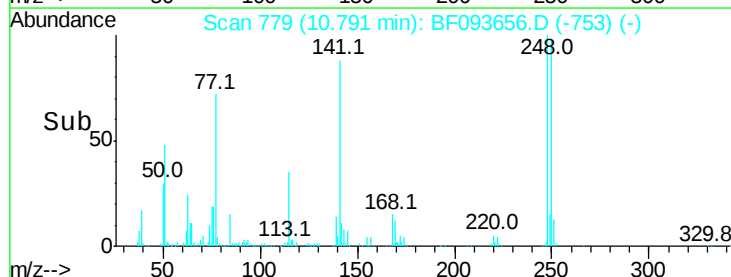
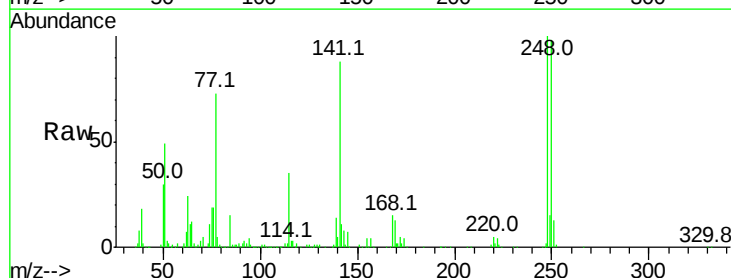
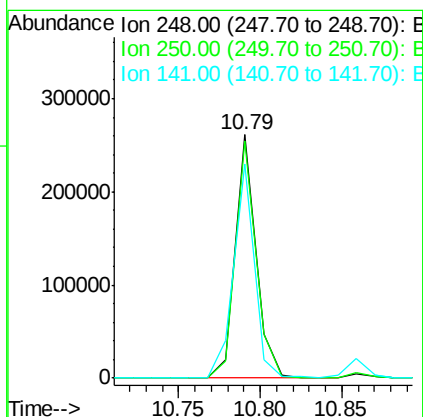
RT: 10.79 min Scan# 779

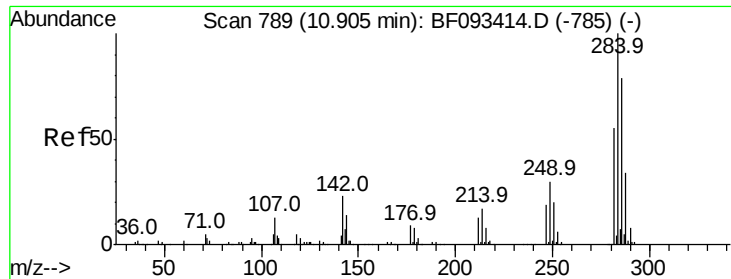
Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Tgt Ion:	248	Resp:	228083
Ion Ratio	Lower	Upper	
248	100		
250	97.6	76.9	115.3
141	87.8	68.2	102.4





#67

Hexachlorobenzene

Concen: 35.85 ng

RT: 10.86 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_F

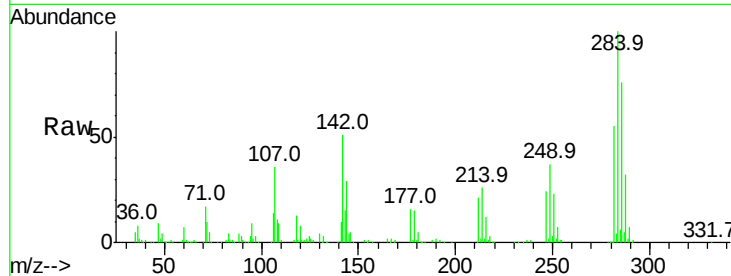
ClientSampleId :

PB97558BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	51.2	22.6	33.8#	
249	37.1	25.4	38.0	

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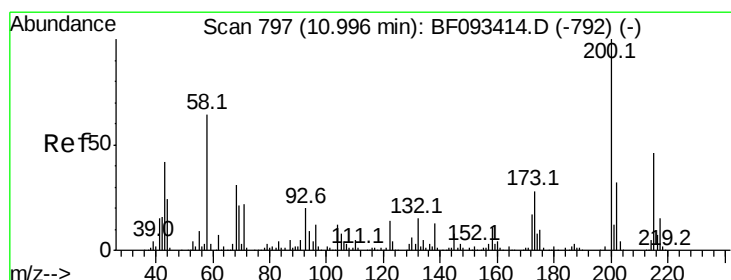
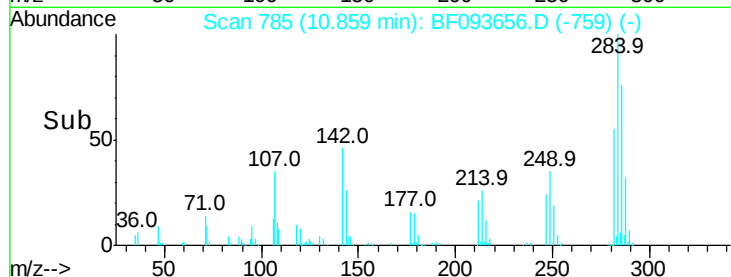
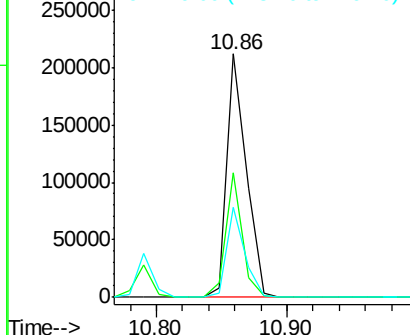
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 35.68 ng

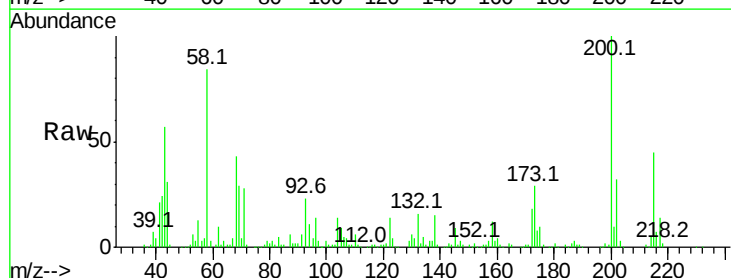
RT: 10.96 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

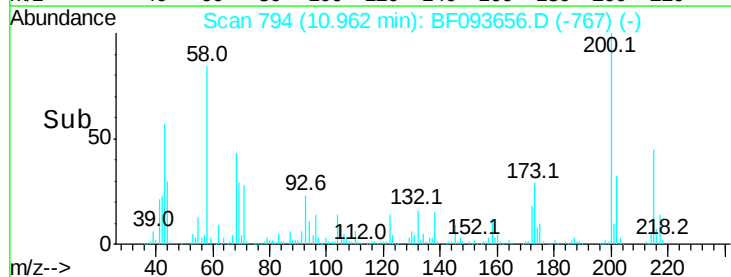
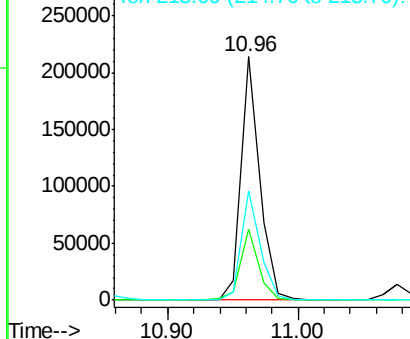
Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.1	9.6	49.6	
215	45.0	25.7	65.7	

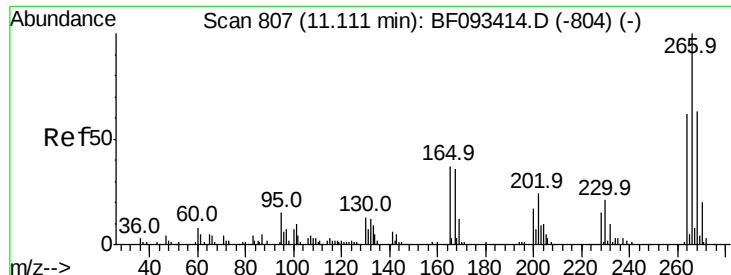


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





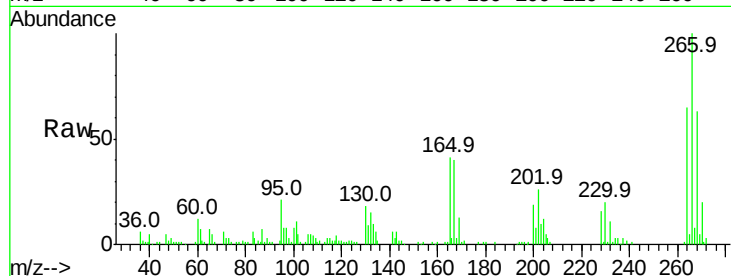
#69
 Pentachlorophenol
 Concen: 51.52 ng
 RT: 11.08 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB97558BSD

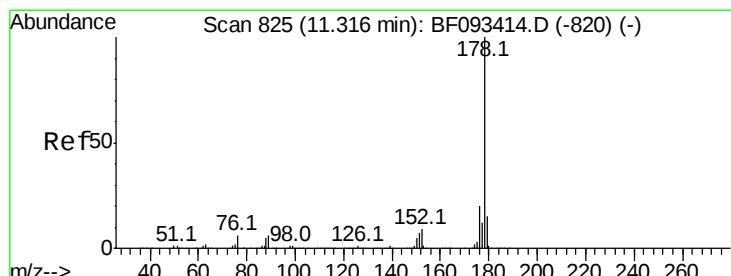
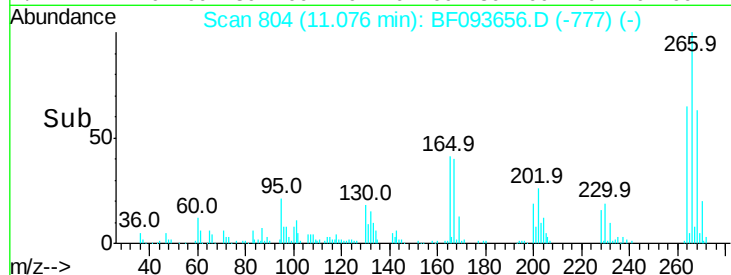
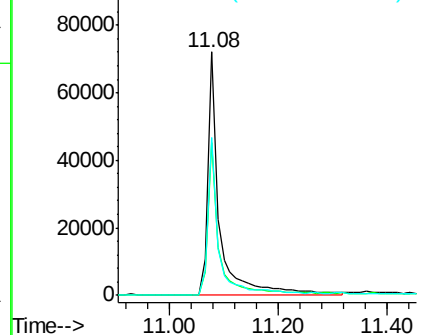
Tot Ion	Ratio	Resp	Lower	Upper
266	100	108883		
268	62.9		53.3	79.9
264	64.7		50.3	75.5

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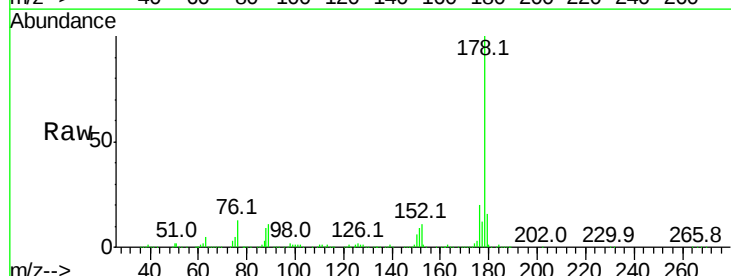


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

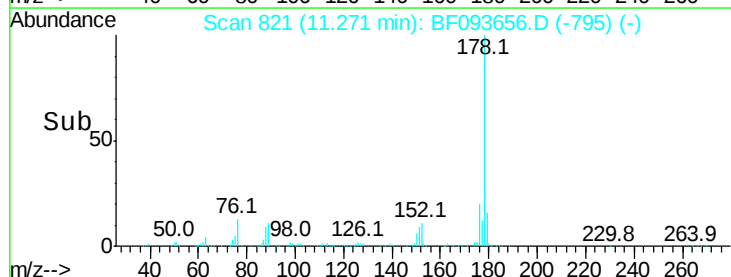
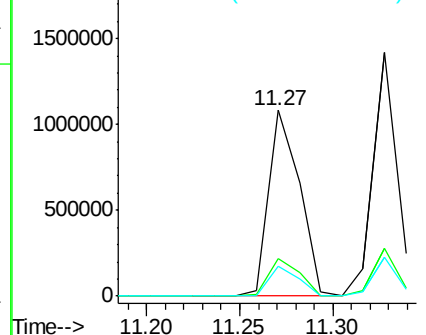


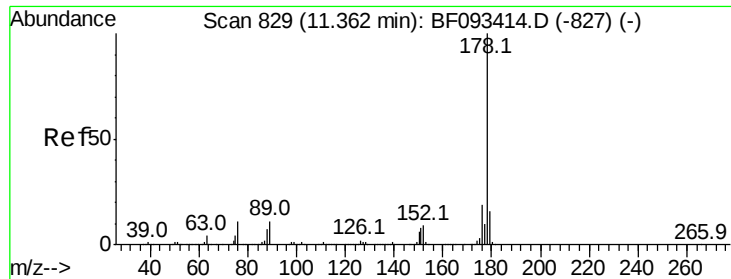
#70
 Phenanthrene
 Concen: 35.79 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1238429		
176	20.1		16.6	25.0
179	15.8		12.8	19.2



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





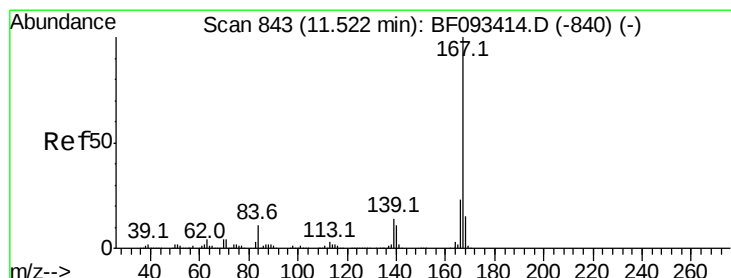
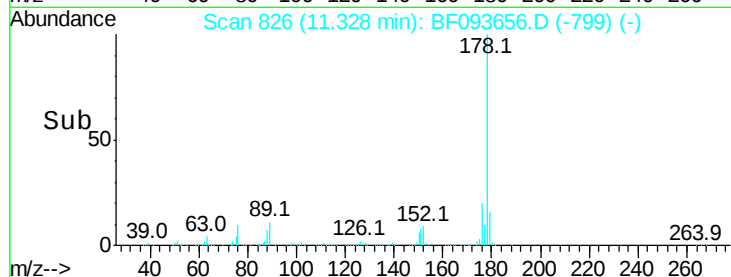
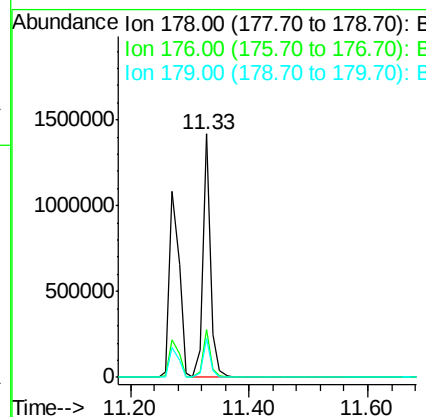
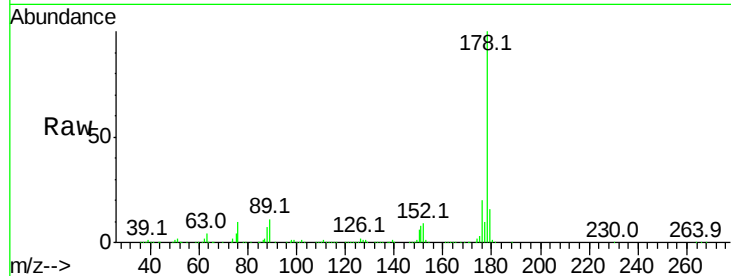
#71
 Anthracene
 Concen: 37.17 ng
 RT: 11.33 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB97558BSD

Tot Ion:178 Resp: 1301130
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 16.1 13.2 19.8

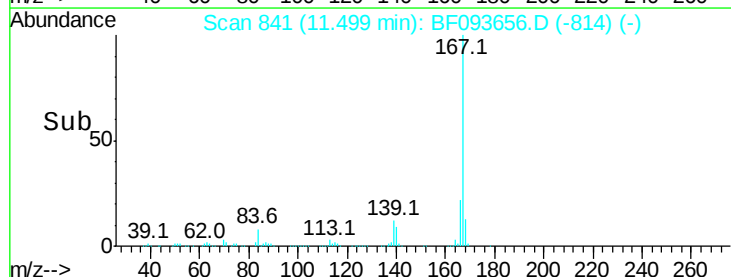
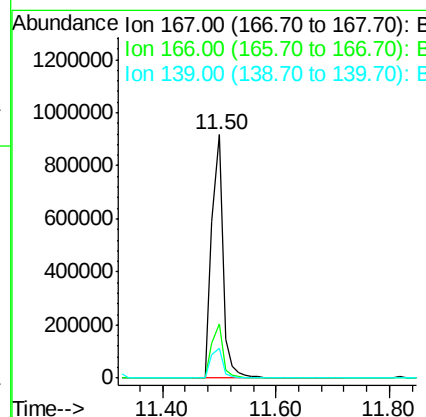
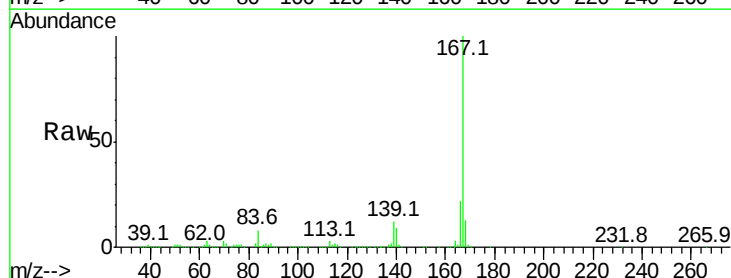
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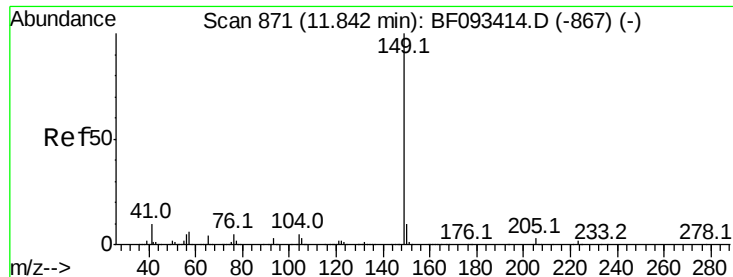
mohammad
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#72
 Carbazole
 Concen: 36.57 ng
 RT: 11.50 min Scan# 841
 Delta R.T. 0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Tgt Ion:167 Resp: 1202475
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.2
 139 12.4 11.4 17.2





#73

Di-n-butylphthalate

Concen: 40.12 ng

RT: 11.82 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_F

ClientSampleId :

PB97558BSD

Tot Ion:149 Resp: 1526090

Ion Ratio Lower Upper

149 100

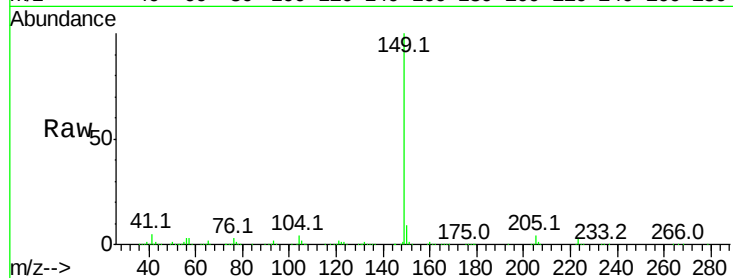
150 9.0 8.1 12.1

104 3.7 4.6 7.0#

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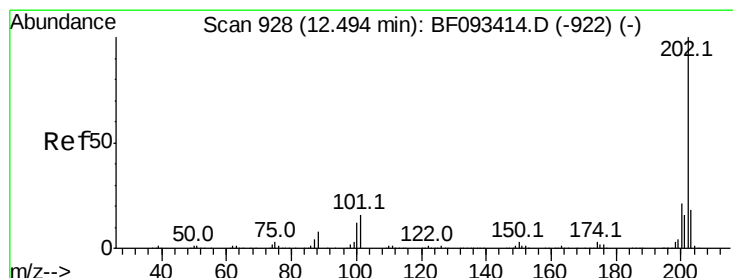
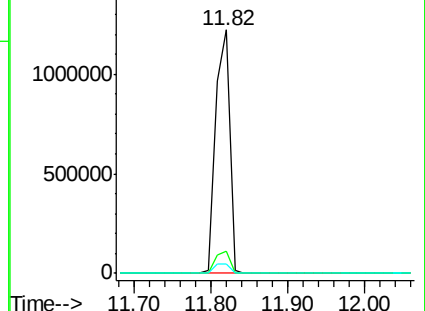
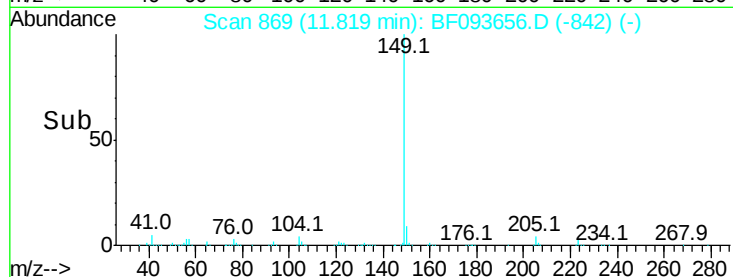
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.69 ng

RT: 12.46 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

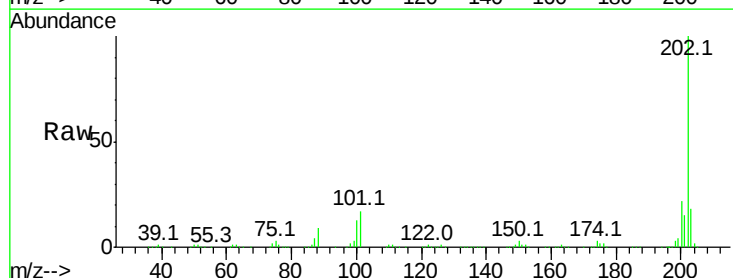
Tgt Ion:202 Resp: 1226352

Ion Ratio Lower Upper

202 100

101 17.2 0.0 34.6

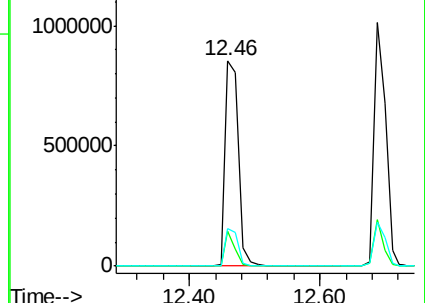
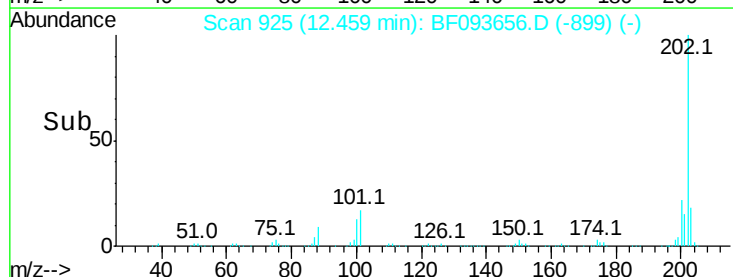
203 18.0 0.0 38.7

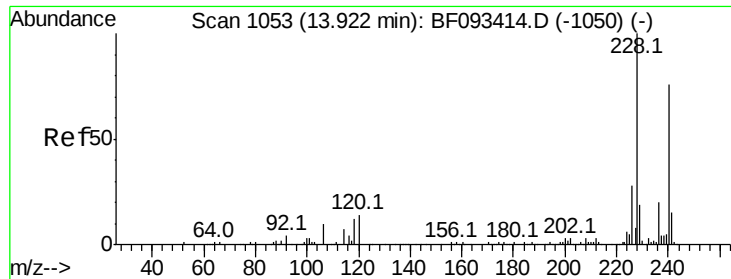


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_F

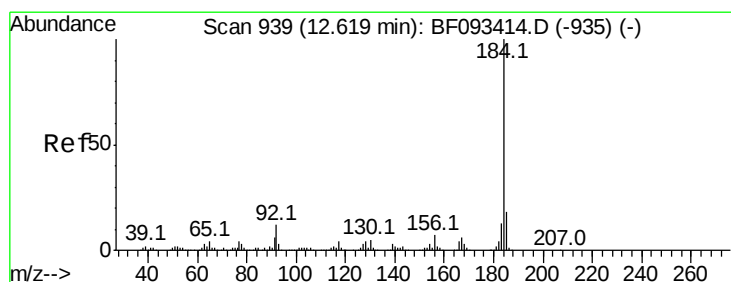
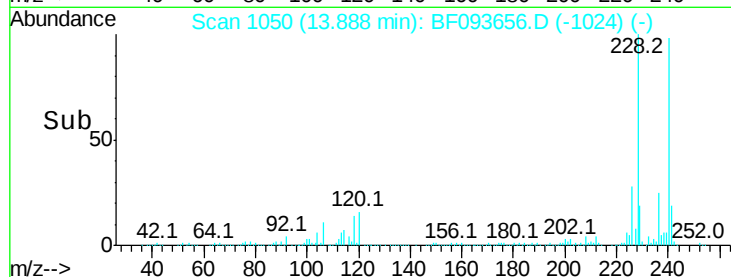
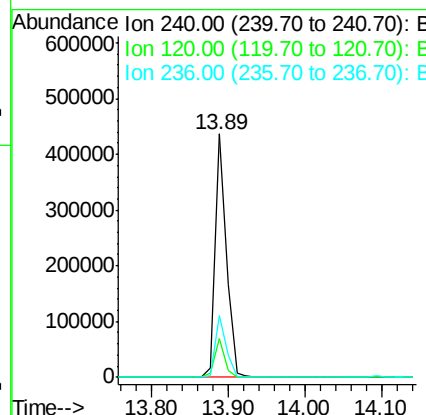
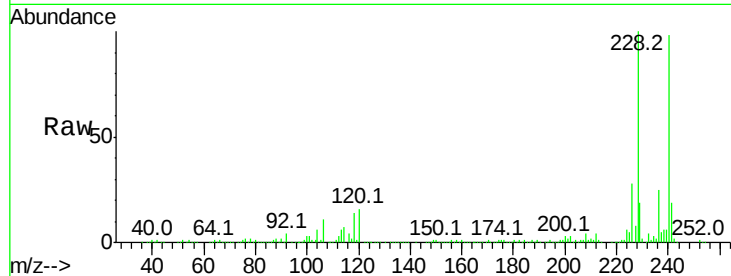
ClientSampleId :

PB97558BSD

Tot Ion:	240	Resp:	435509
Ion Ratio	Lower	Upper	
240	100		
120	16.2	12.9	19.3
236	25.5	20.9	31.3

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#76

Benzidine

Concen: 24.89 ng

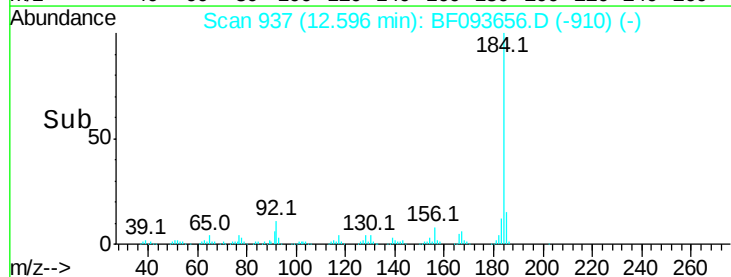
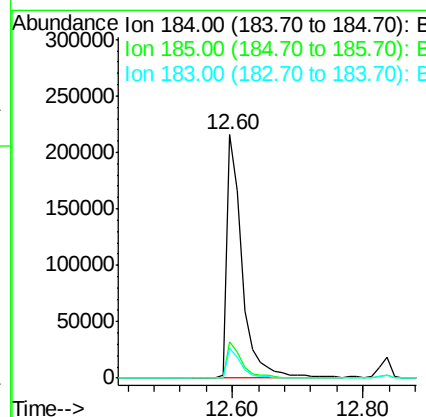
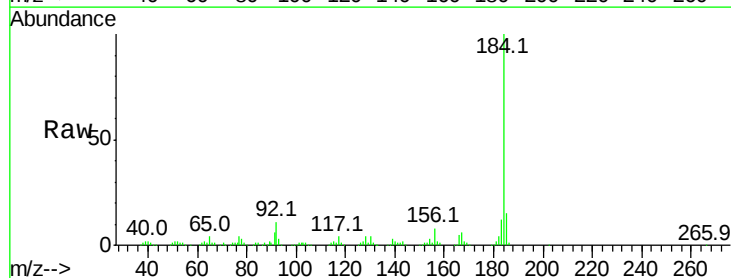
RT: 12.60 min Scan# 937

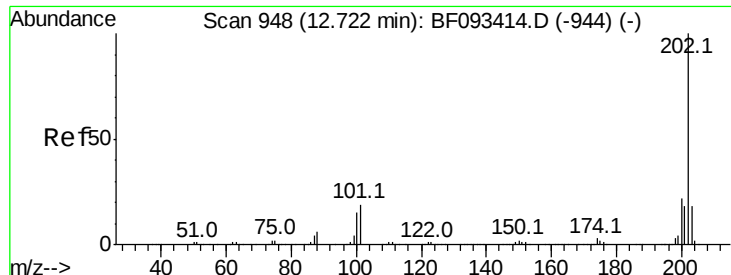
Delta R.T. 0.01 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Tgt Ion:	184	Resp:	356411
Ion Ratio	Lower	Upper	
184	100		
185	14.9	13.4	20.0
183	12.5	9.2	13.8





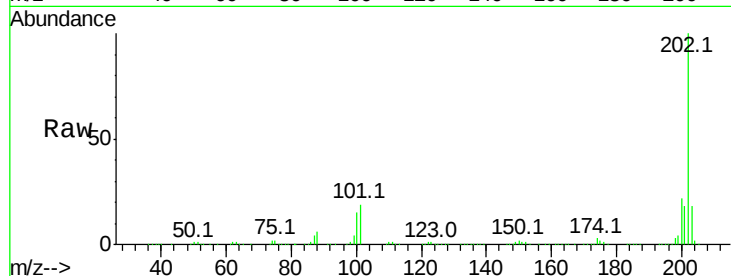
#77
Pvrene
Concen: 38.85 ng
RT: 12.69 min Scan# 945
Delta R.T. 0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Instrument :
BNA_F
ClientSampled :
PB97558BSD

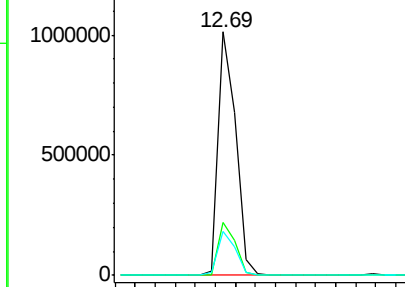
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	18.3	14.7	22.1

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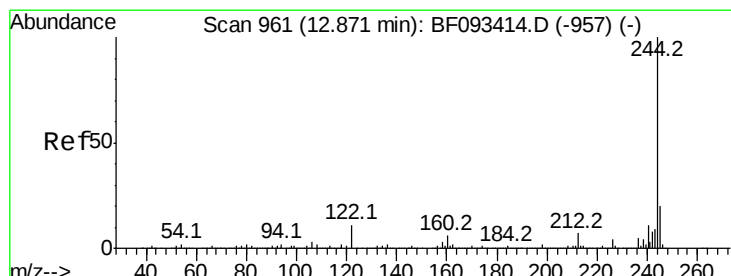
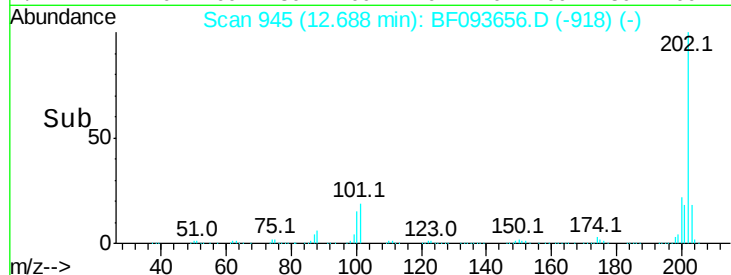
mohammad
3/15/2017 5:39:15 PM



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

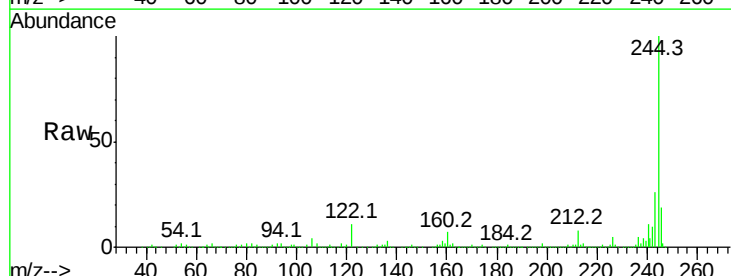


Time--> 12.60 12.70 12.80

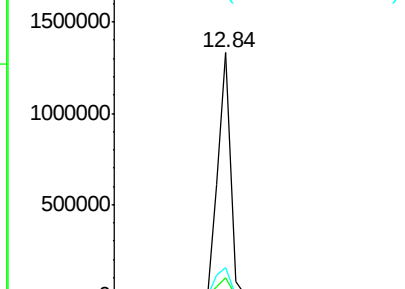


#78
Terphenyl-d14
Concen: 84.07 ng
RT: 12.84 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

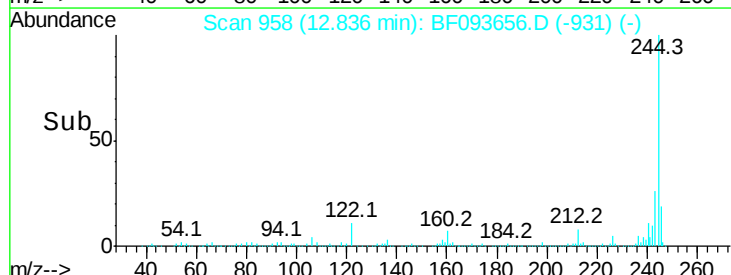
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	11.5	11.4	17.2

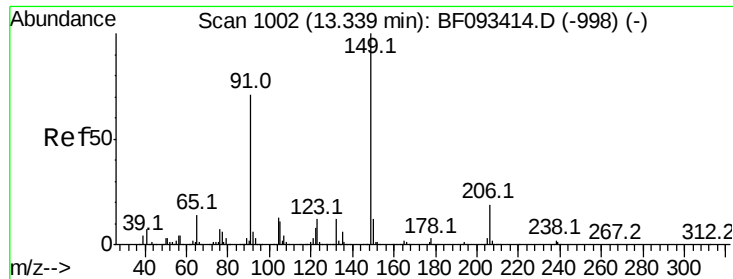


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time--> 12.70 12.80 12.90 13.00





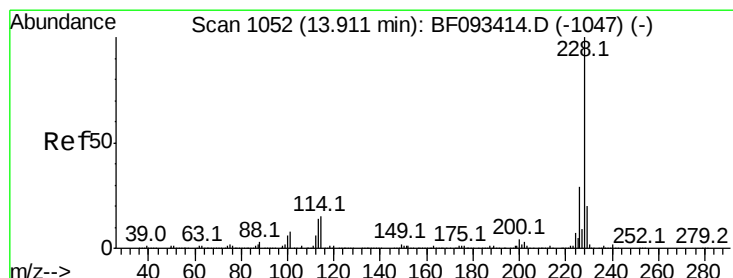
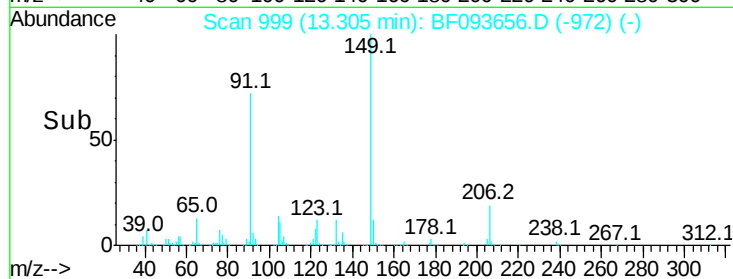
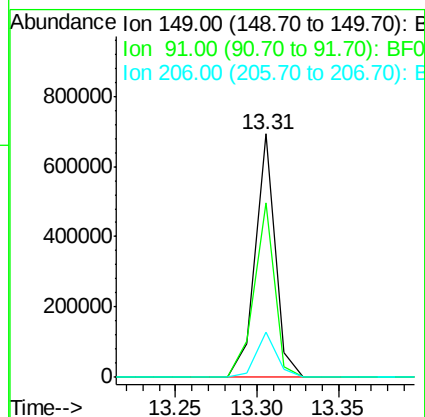
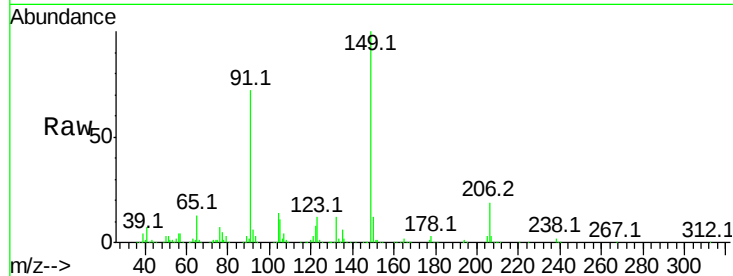
#79
 Butylbenzylphthalate
 Concen: 44.38 ng
 RT: 13.31 min Scan# 999
 Delta R.T. 0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB97558BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	71.9	63.9	95.9
206	18.6	14.6	21.8

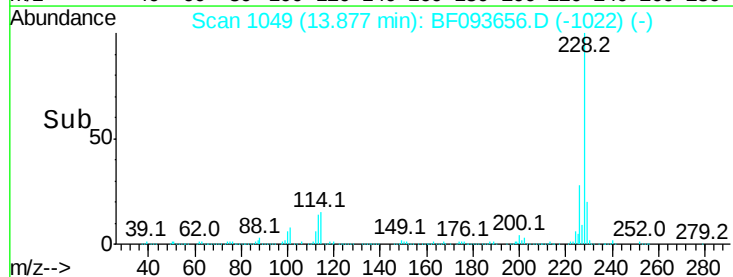
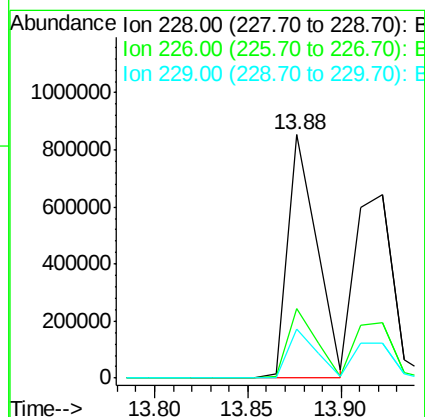
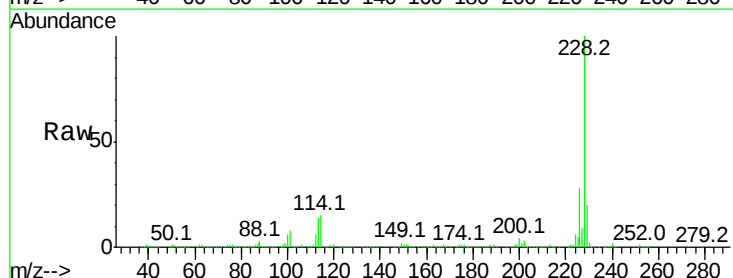
Manual Integrations
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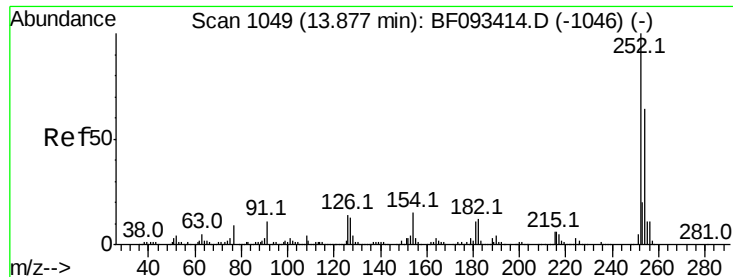
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#80
 Benzo(a)anthracene
 Concen: 35.78 ng
 RT: 13.88 min Scan# 1049
 Delta R.T. 0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.5	22.4	33.6
229	20.4	16.2	24.4





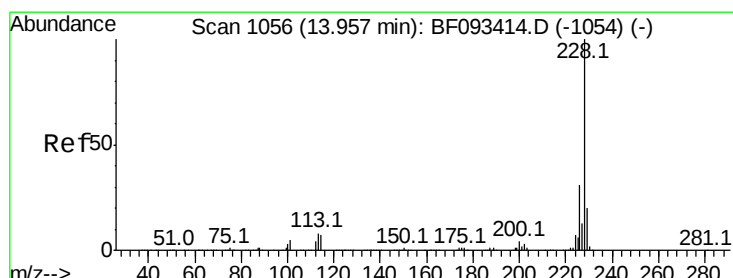
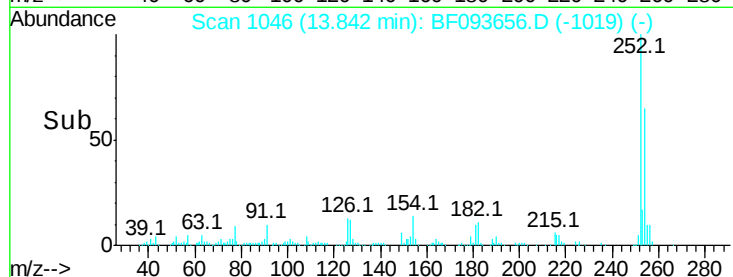
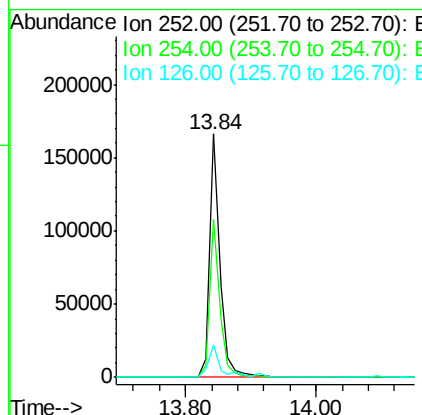
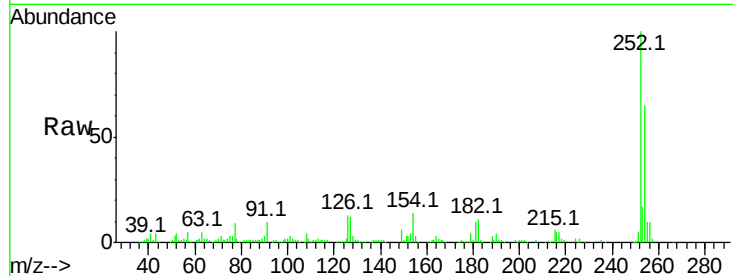
#81
 3,3'-Dichlorobenzidine
 Concen: 20.42 ng
 RT: 13.84 min Scan# 1046
 Delta R.T. 0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB97558BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	183964		
254	64.6	52.3	78.5	
126	13.2	13.6	20.4	

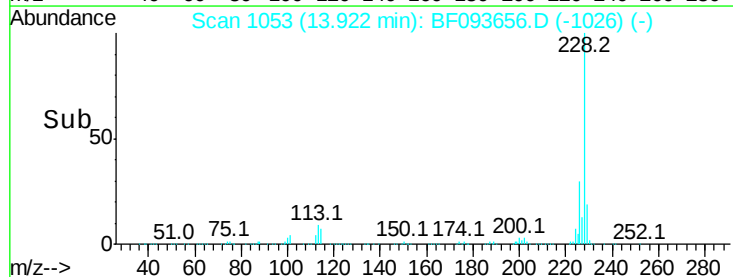
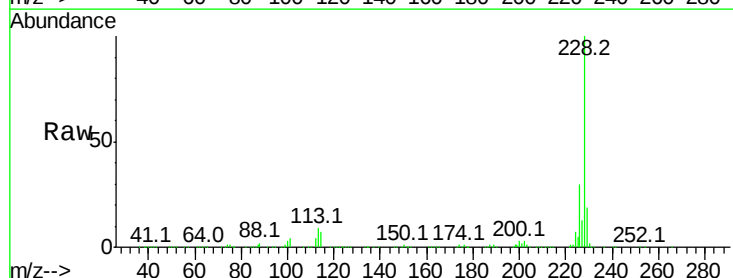
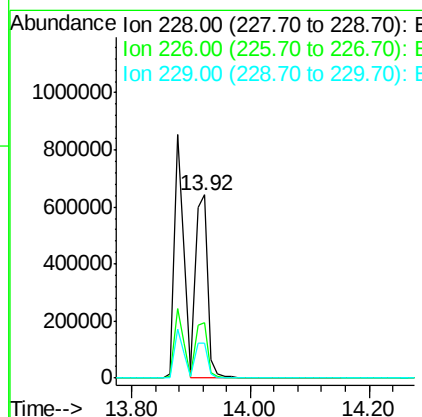
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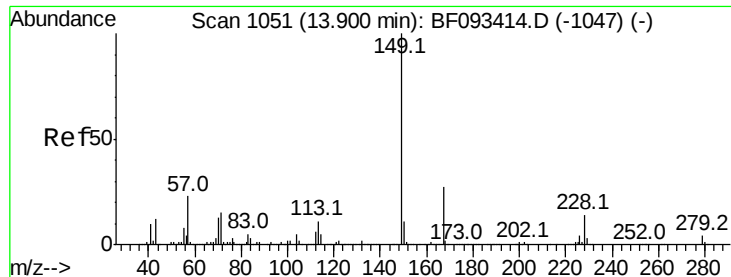
mohammad
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#82
 Chrysene
 Concen: 38.88 ng
 RT: 13.92 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	925106		
226	30.4	25.4	38.0	
229	19.1	16.2	24.2	





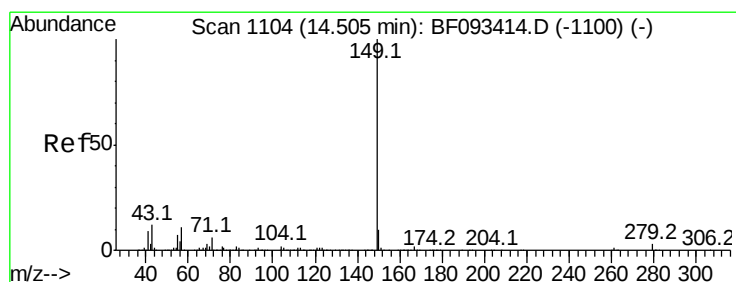
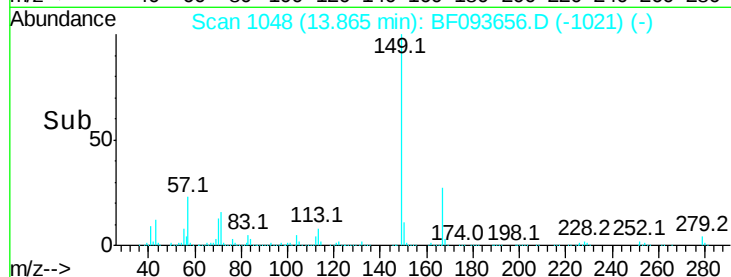
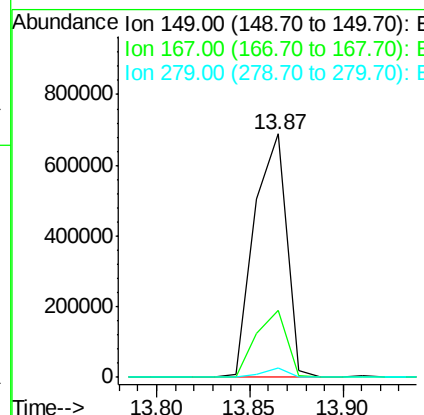
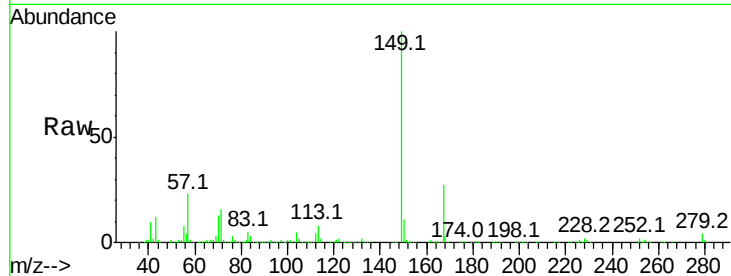
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.23 ng
 RT: 13.87 min Scan# 1048
 Delta R.T. 0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB97558BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.5	20.2	30.4
279	3.7	1.8	2.8

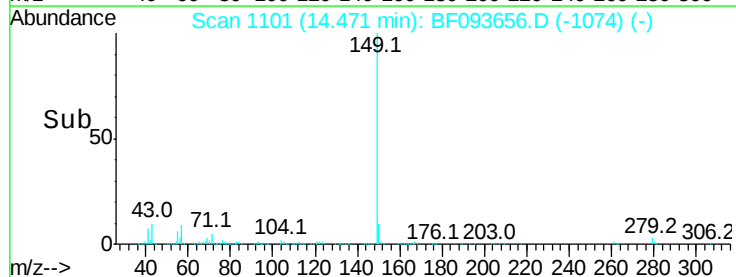
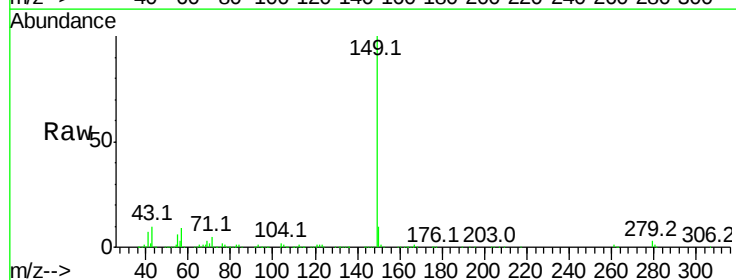
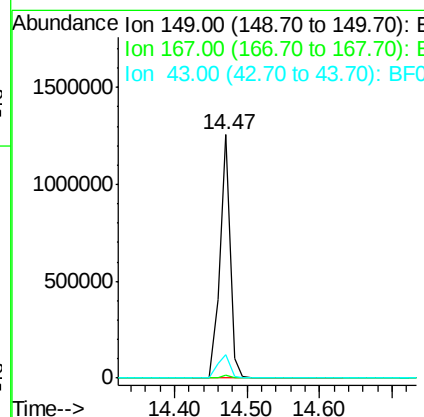
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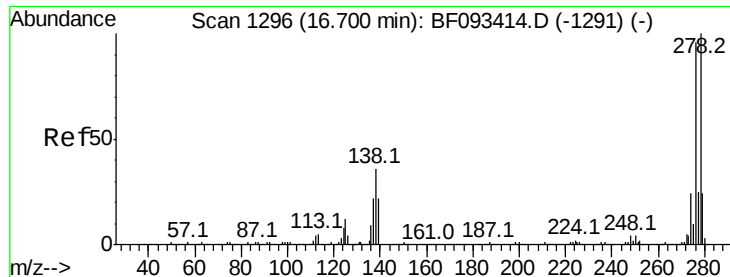
mohammad
 3/15/2017 5:39:15 PM



#84
 Di-n-octyl phthalate
 Concen: 39.73 ng
 RT: 14.47 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.7	8.9	13.3





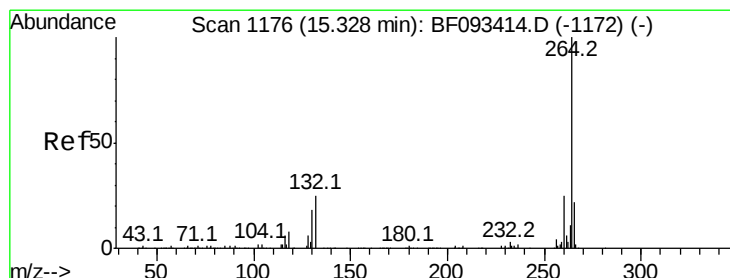
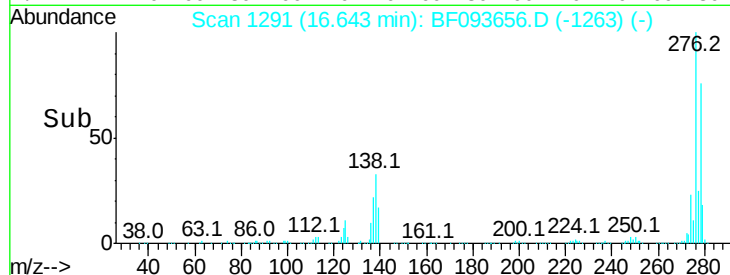
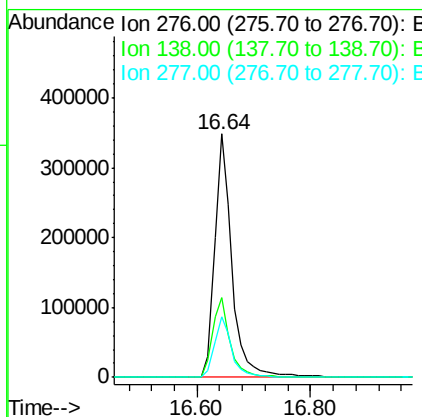
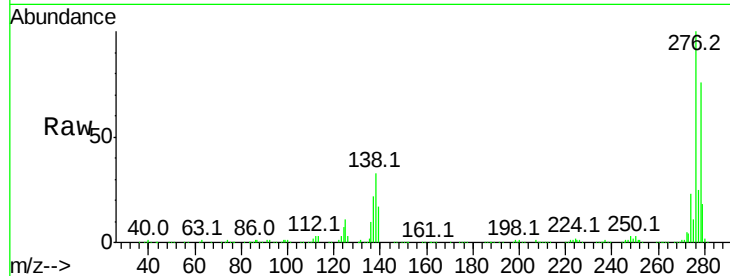
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.42 ng
RT: 16.64 min Scan# 1291
Delta R.T. 0.02 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Instrument :
BNA_F
ClientSampleId :
PB97558BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.6	21.8	32.6
277	25.3	20.2	30.4

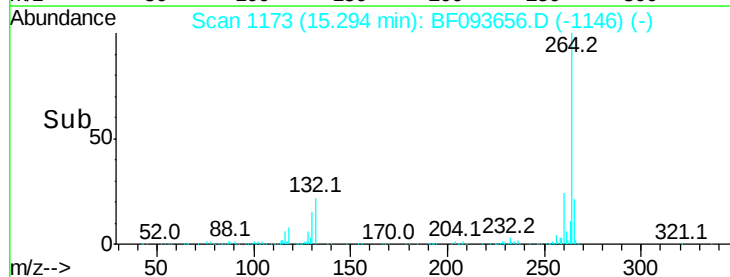
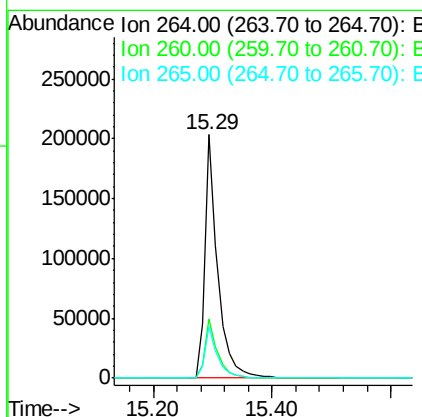
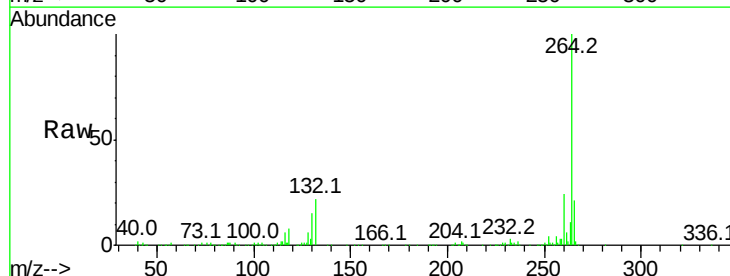
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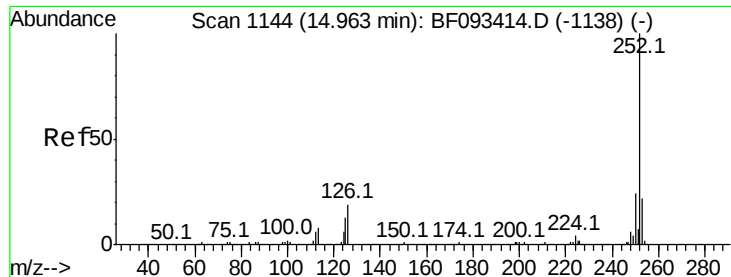
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.4	17.4	26.0





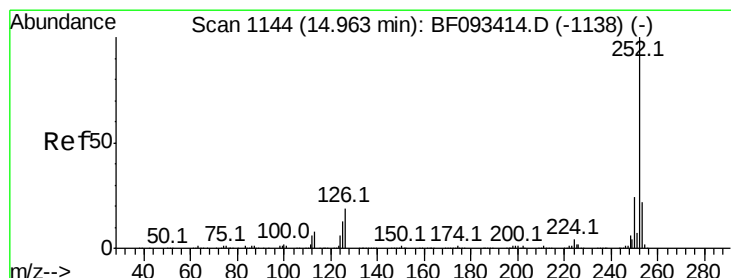
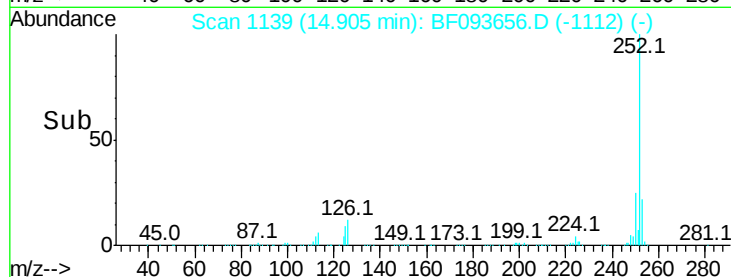
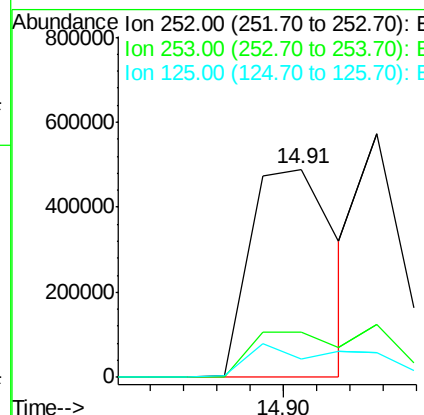
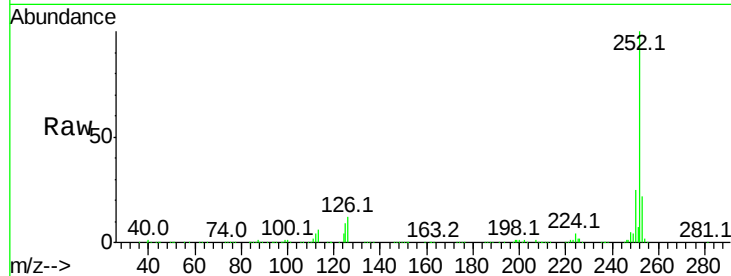
#87
Benzo(b)fluoranthene
Concen: 46.78 ng m
RT: 14.91 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Instrument :
BNA_F
ClientSampleId :
PB97558BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	8.7	9.8	14.6

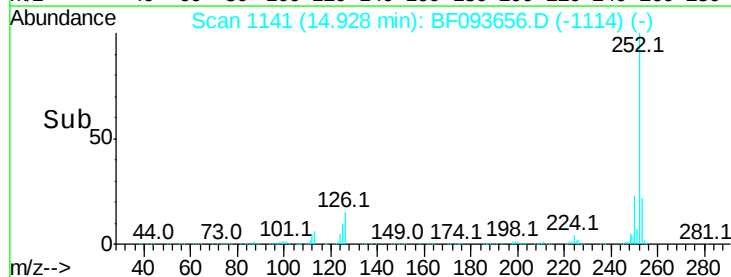
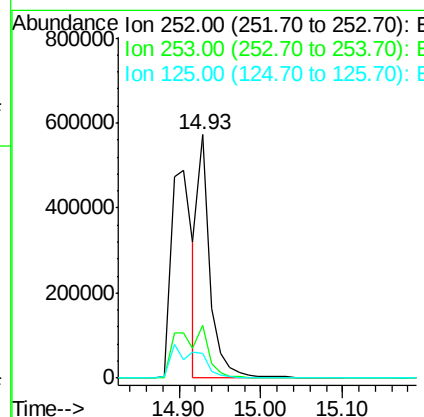
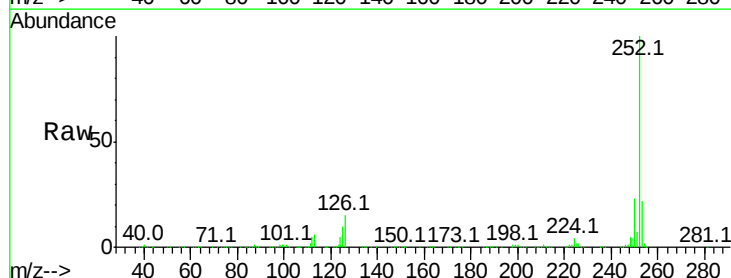
Manual Integrations
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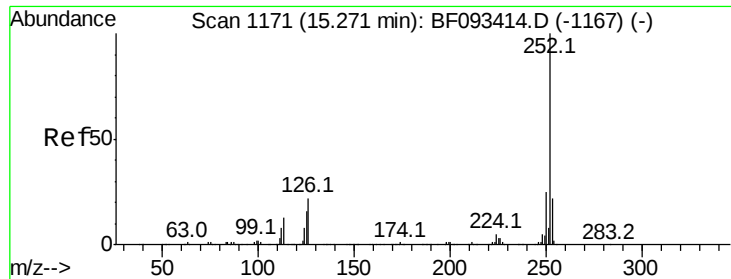
mohammad
3/15/2017 5:39:15 PM



#88
Benzo(k)fluoranthene
Concen: 32.54 ng m
RT: 14.93 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.5	27.7
125	10.0	8.9	13.3





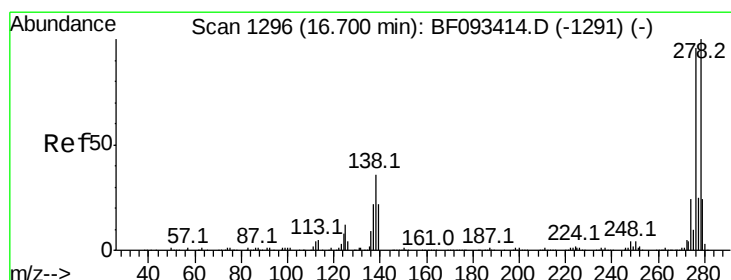
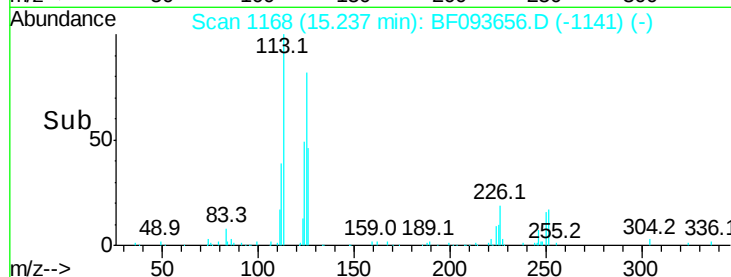
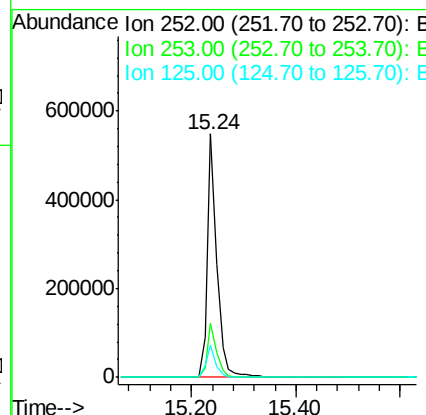
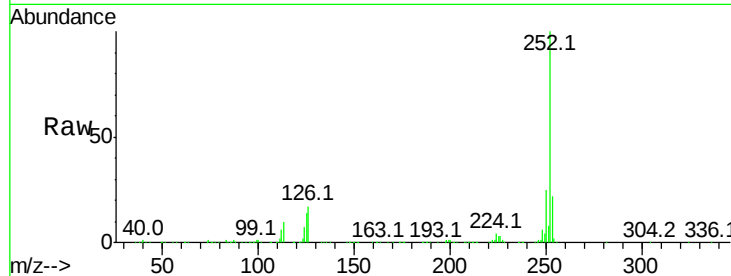
#89
Benzo(a)pyrene
Concen: 40.22 ng
RT: 15.24 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Instrument :
BNA_F
ClientSampleId :
PB97558BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	13.6	10.0	15.0

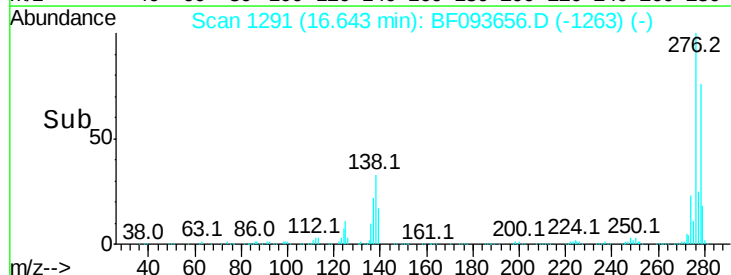
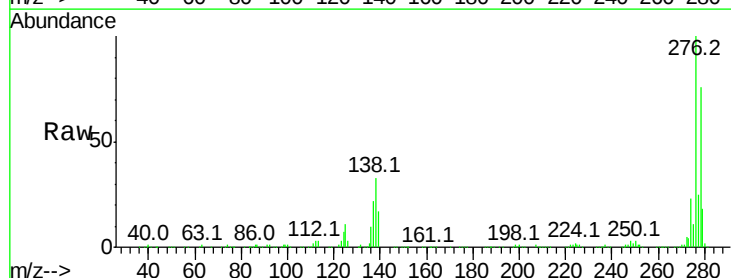
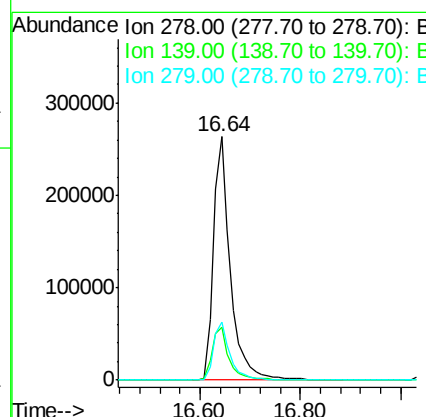
Manual Integrations
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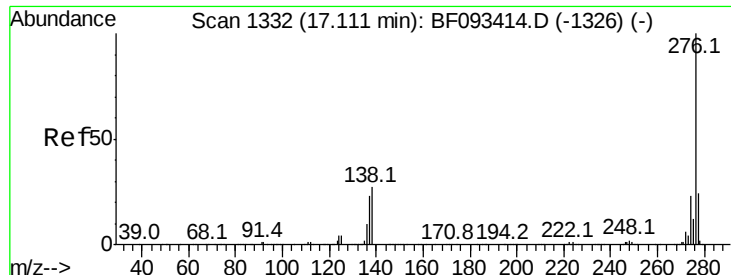
mohammad
3/15/2017 5:39:15 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.98 ng
RT: 16.64 min Scan# 1291
Delta R.T. 0.02 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	14.8	22.2
279	23.9	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 43.18 ng
 RT: 17.04 min Scan# 1326
 Delta R.T. 0.02 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB97558BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	30.3	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 3/15/2017 5:39:15 PM

