

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
 Data File : BF092327.D
 Acq On : 17 Jan 2017 20:29
 Operator : UM/SJ
 Sample : I1230-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B35MSD

Manual Integrations
 APPROVED

mohammad
 1/18/2017 5:11:36 PM

Quant Time: Jan 18 00:40:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 00:11:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	189807	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	815611	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	430321	20.00	ng	0.00
63) Phenanthrene-d10	11.07	188	661210	20.00	ng	0.00
75) Chrysene-d12	13.70	240	428875	20.00	ng	0.00
86) Perylene-d12	15.05	264	378238	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.15	112	1566602	137.81	ng	0.01
7) Phenol-d6	6.23	99	2177978	156.93	ng	0.01
23) Nitrobenzene-d5	7.14	82	1432843	97.69	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	460776	129.39	ng	0.00
44) 2-Fluorobiphenyl	8.93	172	2365990	117.60	ng	0.01
78) Terphenyl-d14	12.66	244	1943019	109.88	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.03	88	182301	32.57	ng	95
3) Pyridine	2.64	79	494877	25.34	ng	97
4) n-Nitrosodimethylamine	2.61	42	234998	31.89	ng	100
6) Aniline	6.22	93	319656	17.73	ng	# 70
8) 2-Chlorophenol	6.35	128	507042	39.21	ng	91
9) Benzaldehyde	6.11	77	26114	2.29	ng	97
10) Phenol	6.24	94	733983	46.41	ng	# 64
11) bis(2-Chloroethyl)ether	6.30	93	497768	39.56	ng	99
12) 1,3-Dichlorobenzene	6.50	146	520868	37.73	ng	99
13) 1,4-Dichlorobenzene	6.56	146	526316	37.46	ng	99
14) 1,2-Dichlorobenzene	6.72	146	482090	39.54	ng	99
15) Benzyl Alcohol	6.72	79	427803	39.67	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.85	45	725402	38.71	ng	# 41
17) 2-Methylphenol	6.85	107	425526	40.92	ng	# 89
18) Hexachloroethane	7.06	117	195470	37.53	ng	# 85
19) n-Nitroso-di-n-propylamine	6.99	70	372014	40.29	ng	99
20) 3+4-Methylphenols	7.01	107	590134	47.58	ng	# 72
22) Acetophenone	6.98	105	758603	37.71	ng	# 93
24) Nitrobenzene	7.15	77	531446	34.02	ng	99
25) Isophorone	7.39	82	1059584	39.16	ng	94
26) 2-Nitrophenol	7.47	139	289691	37.60	ng	96
27) 2,4-Dimethylphenol	7.52	122	447225	35.00	ng	99
28) bis(2-Chloroethoxy)methane	7.62	93	664901	40.52	ng	99
29) 2,4-Dichlorophenol	7.72	162	436786	40.37	ng	89
30) 1,2,4-Trichlorobenzene	7.79	180	440911	37.19	ng	96
31) Naphthalene	7.87	128	1507278	40.38	ng	99
32) Benzoic acid	7.66	122	95886	10.12	ng	99
33) 4-Chloroaniline	7.92	127	157750	9.37	ng	98
34) Hexachlorobutadiene	7.98	225	231459	36.98	ng	99
35) Caprolactam	8.31	113	135827m	38.20	ng	
36) 4-Chloro-3-methylphenol	8.44	107	491787	39.50	ng	99
37) 2-Methylnaphthalene	8.55	142	930733	39.35	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	417738	38.42	ng	98
40) Hexachlorocyclopentadiene	8.71	237	300677	62.99	ng	99

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Quant Time: Jan 18 00:40:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 00:11:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.85	196	281331	37.00	nq	97
43) 2,4,5-Trichlorophenol	8.90	196	263479	33.67	nq #	92
45) 1,1'-Biphenyl	9.02	154	1170532	39.73	nq	98
46) 2-Chloronaphthalene	9.04	162	912522	39.11	nq	98
47) 2-Nitroaniline	9.15	65	275941	33.21	nq	97
48) Acenaphthylene	9.46	152	1383412	38.55	nq	99
49) Dimethylphthalate	9.33	163	1249225	45.39	nq	98
50) 2,6-Dinitrotoluene	9.40	165	241957	40.16	nq #	86
51) Acenaphthene	9.63	154	903846	37.15	nq	99
52) 3-Nitroaniline	9.56	138	120285	16.13	nq	88
53) 2,4-Dinitrophenol	9.68	184	145887	43.52	nq #	81
54) Dibenzofuran	9.80	168	1248133	37.99	nq	98
55) 4-Nitrophenol	9.76	139	285435m	56.39	nq	
56) 2,4-Dinitrotoluene	9.80	165	277156	36.66	nq #	55
57) Fluorene	10.14	166	996493	41.69	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.92	232	227830	36.81	nq	98
59) Diethylphthalate	10.03	149	1005841	37.63	nq	98
60) 4-Chlorophenyl-phenylether	10.13	204	397747	38.00	nq	99
61) 4-Nitroaniline	10.18	138	231022	29.90	nq	97
62) Azobenzene	10.29	77	1159217	39.39	nq	98
64) 4,6-Dinitro-2-methylphenol	10.21	198	140014	35.02	nq #	25
65) n-Nitrosodiphenylamine	10.26	169	795258	40.53	nq	99
66) 4-Bromophenyl-phenylether	10.62	248	294474	42.81	nq #	88
67) Hexachlorobenzene	10.69	284	288455	39.24	nq #	84
68) Atrazine	10.79	200	238819	37.73	nq	98
69) Pentachlorophenol	10.88	266	212766	58.98	nq	97
70) Phenanthrene	11.09	178	1304903	36.40	nq	99
71) Anthracene	11.15	178	1489293	47.90	nq	98
72) Carbazole	11.31	167	1282977	42.33	nq	98
73) Di-n-butylphthalate	11.65	149	1623410	48.07	nq #	96
74) Fluoranthene	12.27	202	1307107	41.23	nq	98
76) Benzidine	12.41	184	455154	40.79	nq	96
77) Pyrene	12.50	202	1279295	40.66	nq	100
79) Butylbenzylphthalate	13.14	149	649400	45.38	nq #	77
80) Benzo(a)anthracene	13.69	228	1063082	43.91	nq	99
81) 3,3'-Dichlorobenzidine	13.65	252	215833	23.51	nq	99
82) Chrysene	13.72	228	861878	35.49	nq	98
83) Bis(2-ethylhexyl)phthalate	13.70	149	846947	50.25	nq	98
84) Di-n-octyl phthalate	14.30	149	1350550	43.26	nq	100
85) Indeno(1,2,3-cd)pyrene	16.28	276	847316	40.28	nq	99
87) Benzo(b)fluoranthene	14.69	252	1111825m	47.21	nq	
88) Benzo(k)fluoranthene	14.71	252	639046m	31.82	nq	
89) Benzo(a)pyrene	15.00	252	827481	39.59	nq #	95
90) Dibenzo(a,h)anthracene	16.28	278	703276	40.94	nq	97
91) Benzo(g,h,i)perylene	16.63	276	745248	41.72	nq	96

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

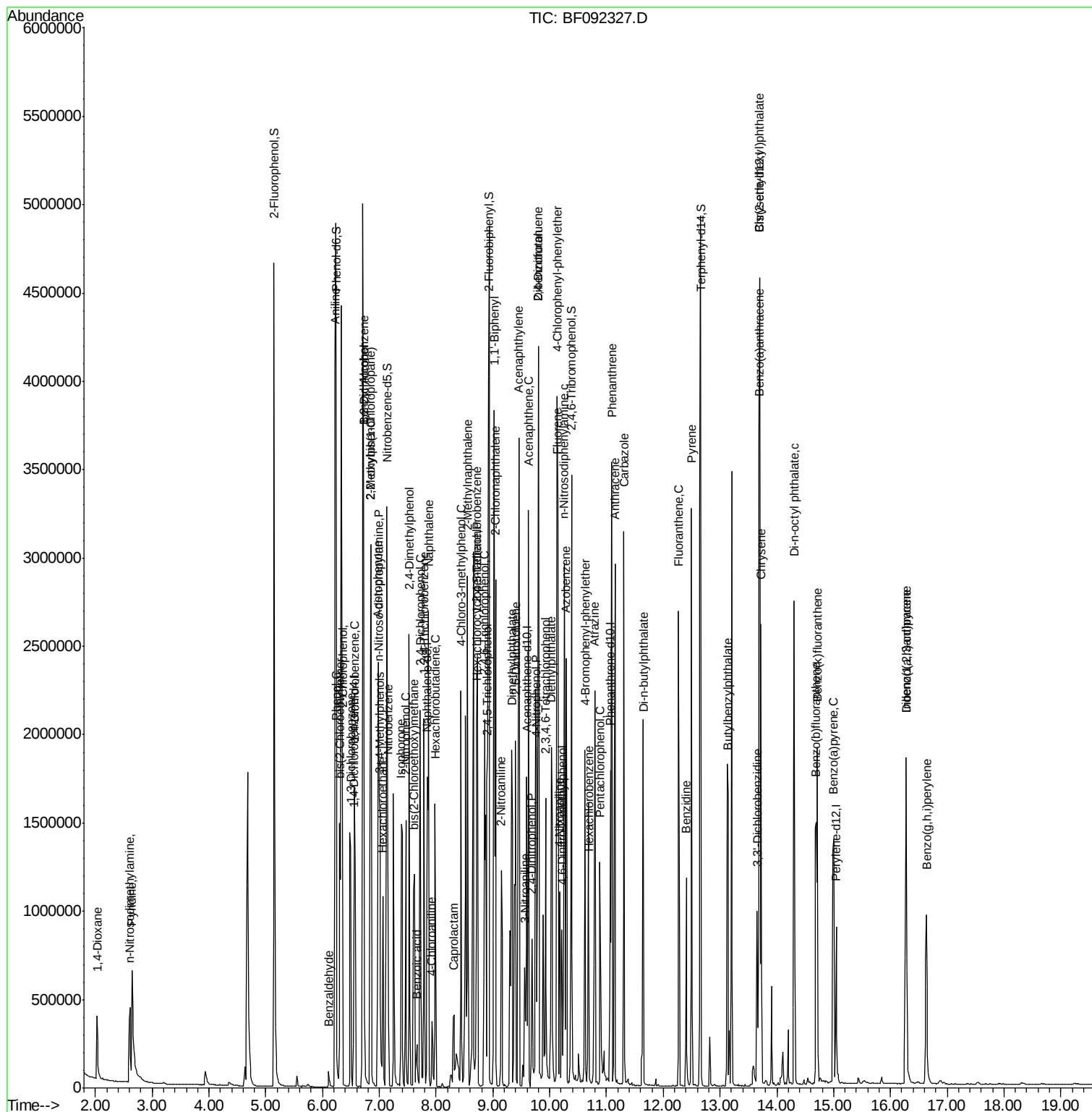
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\  
Data File : BF092327.D  
Acq On    : 17 Jan 2017   20:29  
Operator   : UM/SJ  
Sample     : I1230-03MSD  
Misc      :  
ALS Vial   : 11      Sample Multiplier: 1
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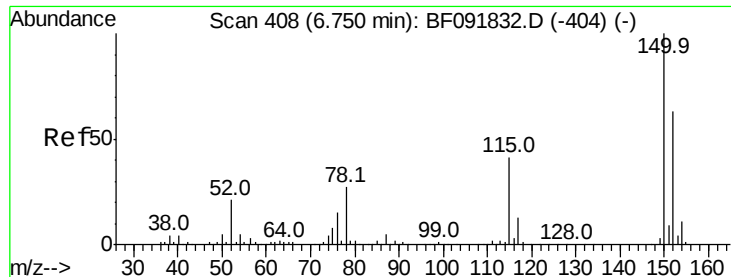
Instrument :
BNA_F
ClientSampleId :
B35MSD

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#1

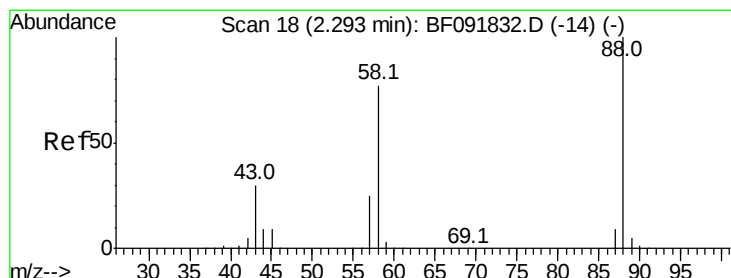
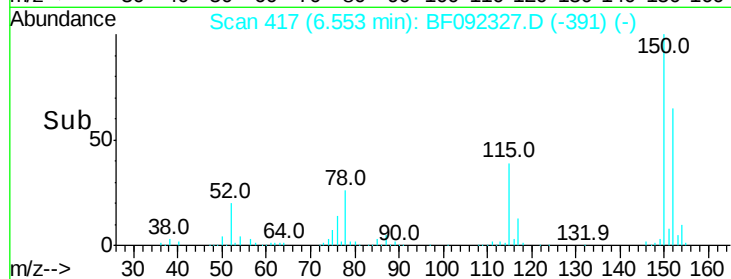
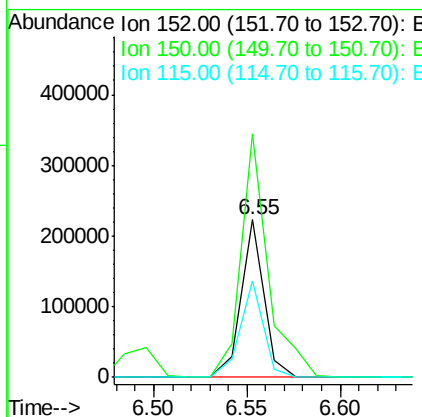
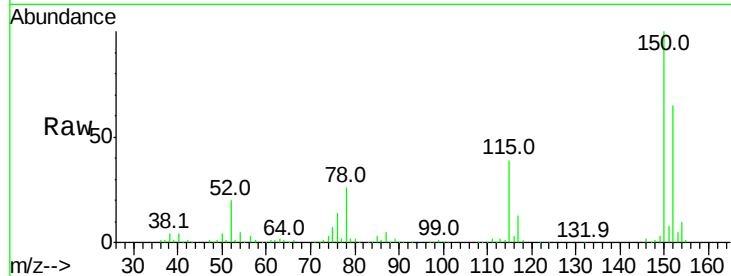
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF092327.D
Acq: 17 Jan 2017 20:29

Instrument :
BNA_F
ClientSampleId :
B35MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.9	187.3
115	61.0	46.0	69.0

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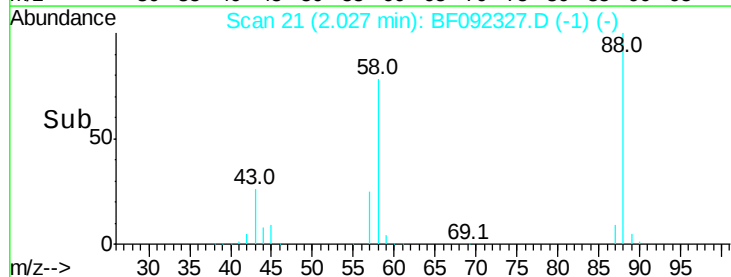
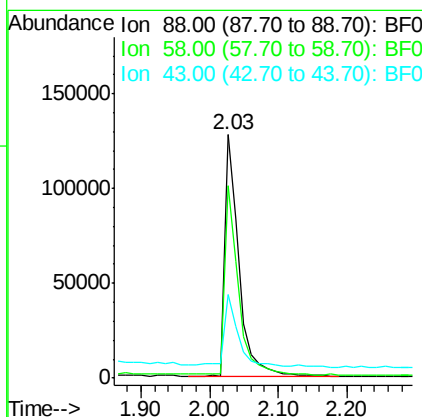
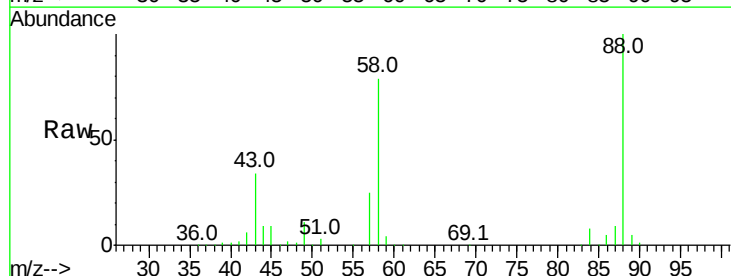
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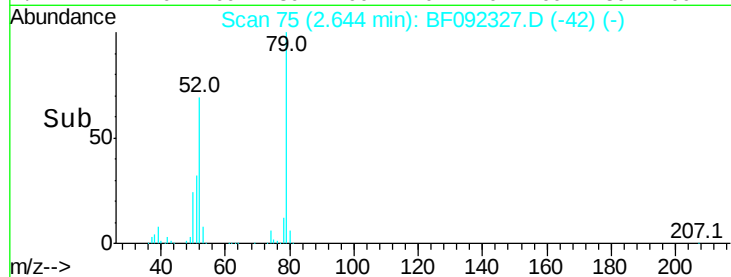
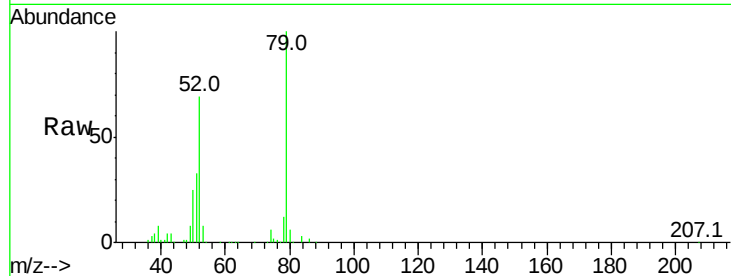
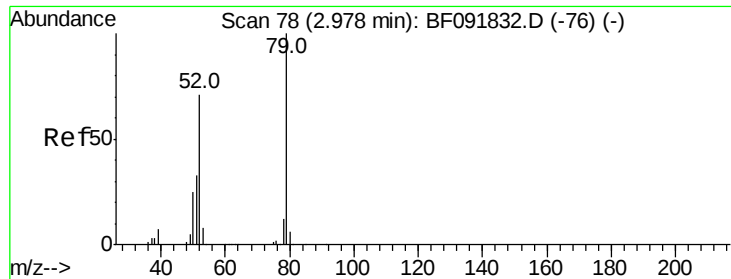


#2

1,4-Dioxane
Concen: 32.57 ng
RT: 2.03 min Scan# 21
Delta R.T. 0.08 min
Lab File: BF092327.D
Acq: 17 Jan 2017 20:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.2	57.8	86.8
43	29.1	22.3	33.5





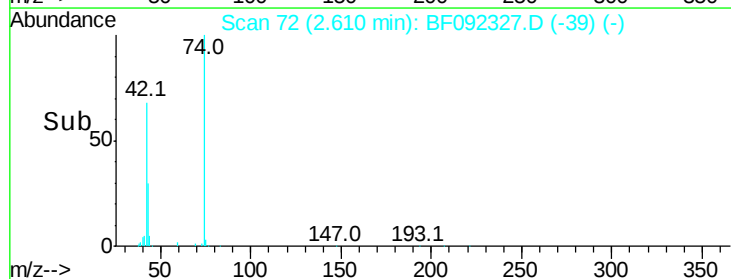
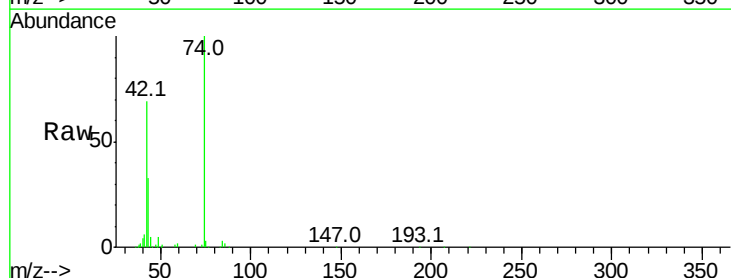
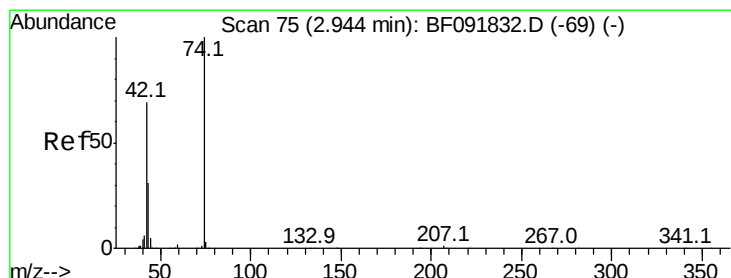
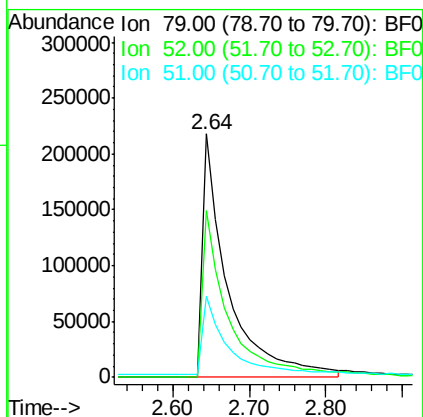
#3
 Pvridine
 Concen: 25.34 ng
 RT: 2.64 min Scan# 75
 Delta R.T. 0.08 min
 Lab File: BF092327.D
 Acq: 17 Jan 2017 20:29

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		494877		
52	68.6		57.1	85.7	
51	33.3		27.3	40.9	

Instrument :
 BNA_F
 ClientSampleId :
 B35MSD

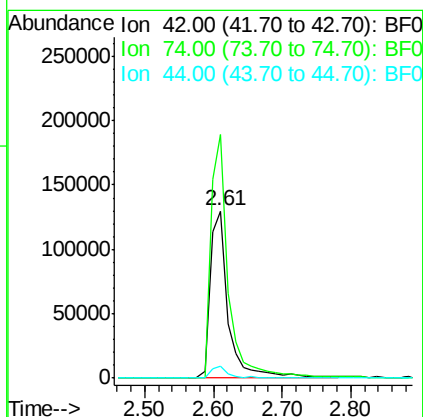
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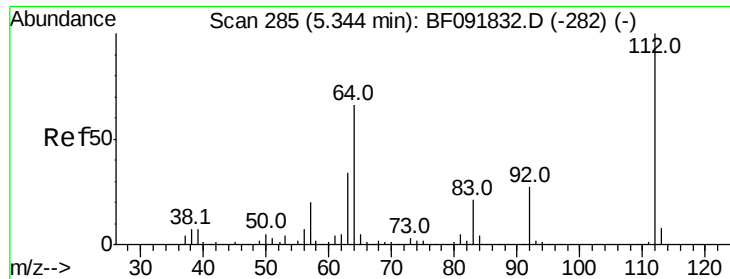
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#4
 n-Nitrosodimethylamine
 Concen: 31.89 ng
 RT: 2.61 min Scan# 72
 Delta R.T. 0.08 min
 Lab File: BF092327.D
 Acq: 17 Jan 2017 20:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		234998		
74	145.7		117.0	175.4	
44	7.2		5.5	8.3	





#5

2-Fluorophenol

Concen: 137.81 ng

RT: 5.15 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

Instrument :

BNA_F

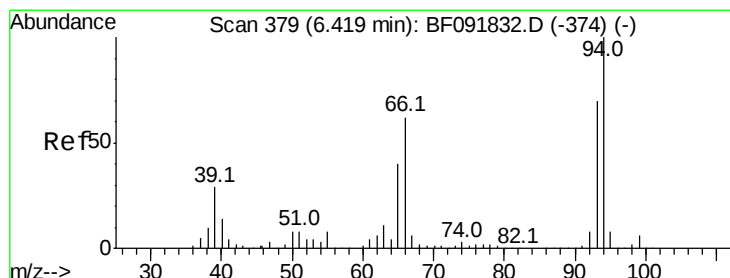
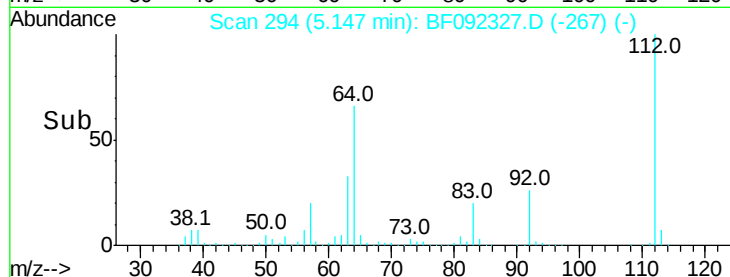
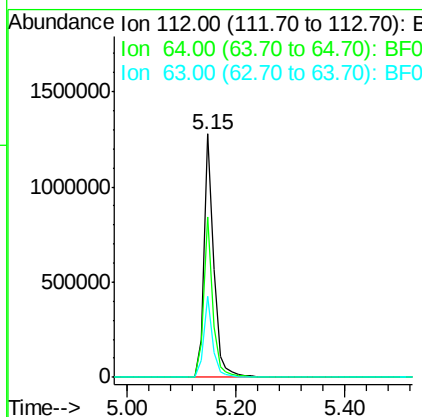
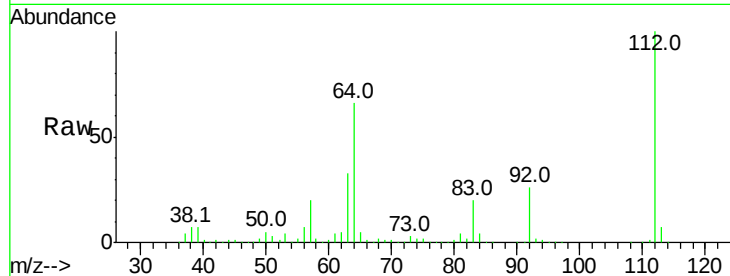
ClientSampleId :

B35MSD

Tot Ion:	112	Resp:	1566602
Ion Ratio	Lower	Upper	
112	100		
64	65.7	46.1	69.1
63	33.3	23.8	35.6

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#6

Aniline

Concen: 17.73 ng

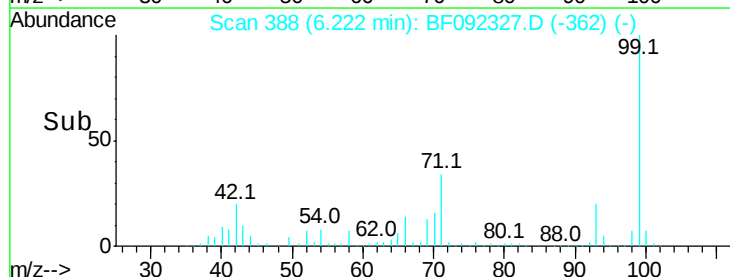
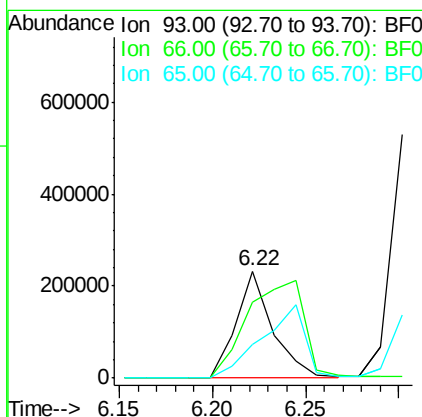
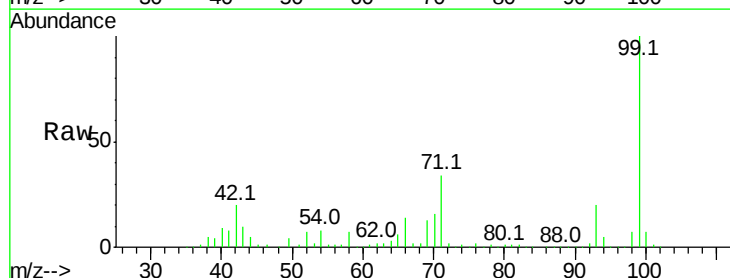
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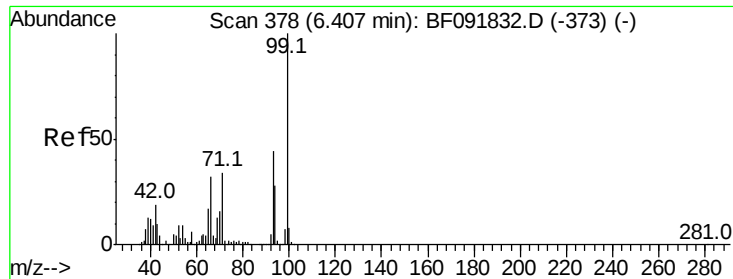
Delta R.T. 0.00 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

Tgt Ion:	93	Resp:	319656
Ion Ratio	Lower	Upper	
93	100		
66	71.1	76.2	114.2#
65	31.4	49.3	73.9#





#7

Phenol-d6

Concen: 156.93 ng

RT: 6.23 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

Instrument :

BNA_F

ClientSampleId :

B35MSD

Tot Ion: 99 Resp: 2177978

Ion Ratio Lower Upper

99 100

42 17.6 15.6 23.4

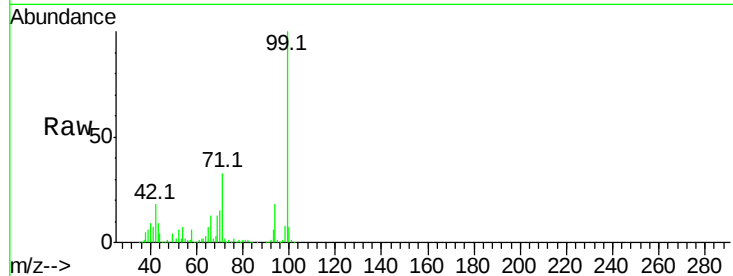
71 32.5 27.5 41.3

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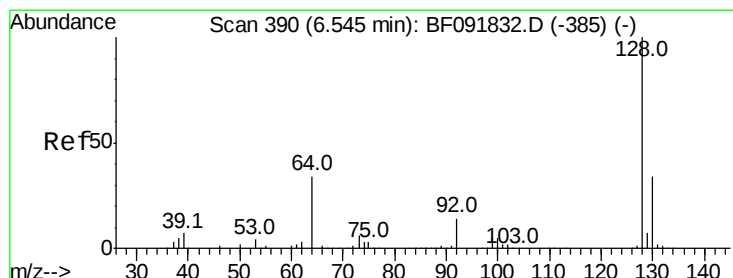
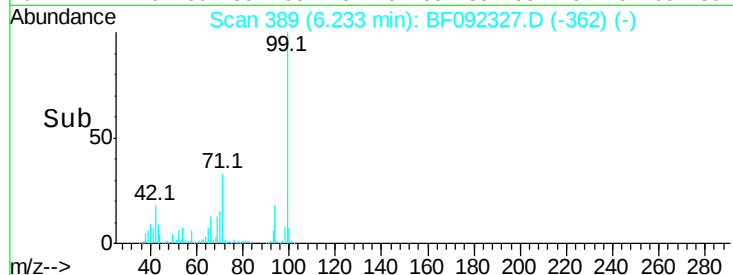
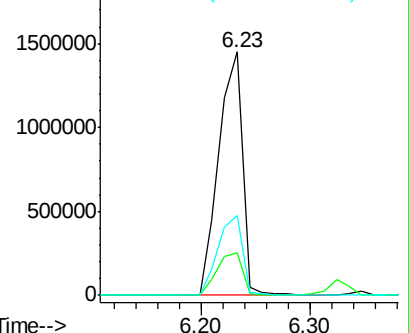
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.21 ng

RT: 6.35 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

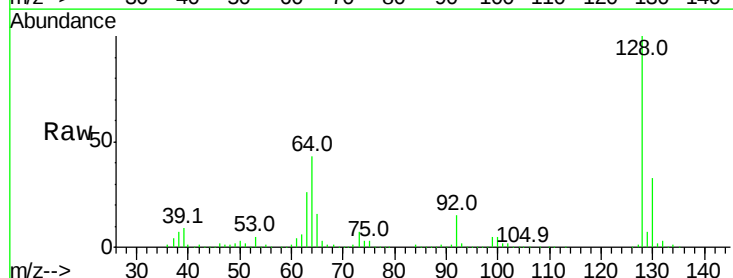
Tgt Ion: 128 Resp: 507042

Ion Ratio Lower Upper

128 100

130 33.2 12.3 52.3

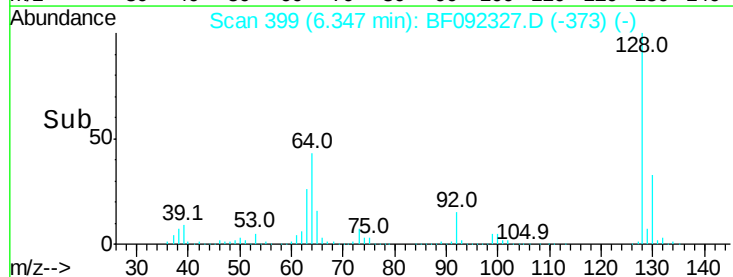
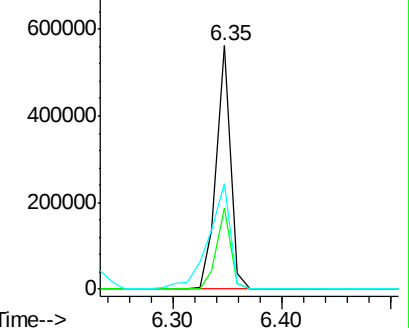
64 43.0 32.2 72.2

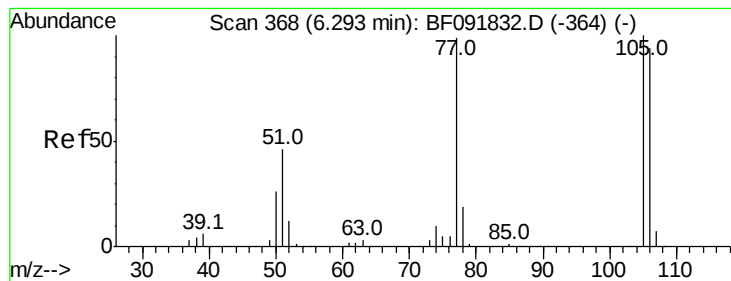


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.29 ng

RT: 6.11 min Scan# 378

Delta R.T. 0.01 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

Instrument :

BNA_F

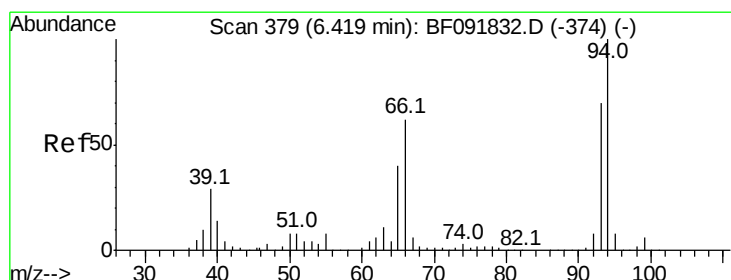
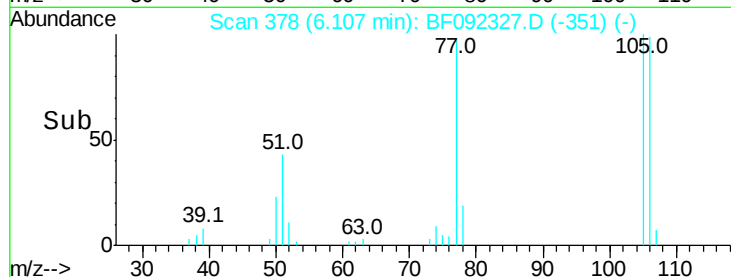
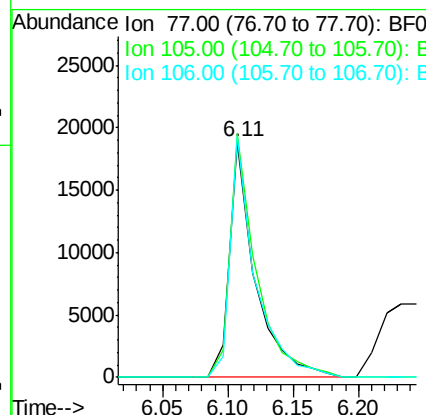
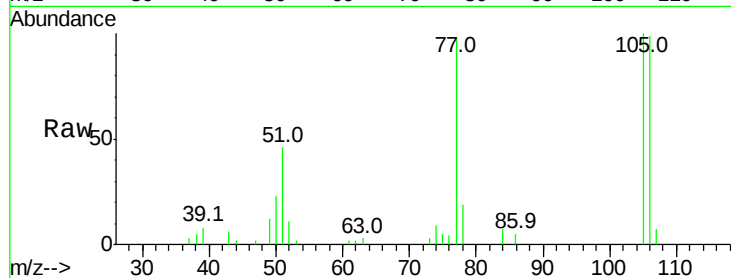
ClientSampled :

B35MSD

Tot Ion:	77	Resp:	26114
Ion	Ratio	Lower	Upper
77	100		
105	103.5	83.9	123.9
106	102.4	77.6	117.6

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#10

Phenol

Concen: 46.41 ng

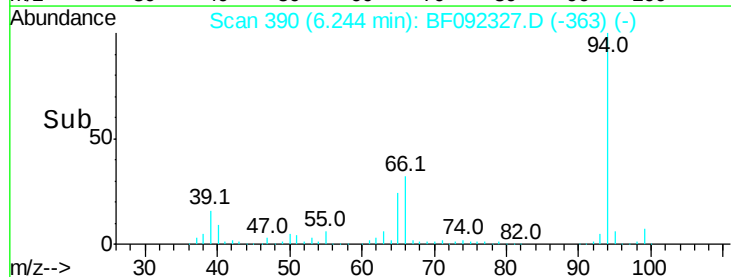
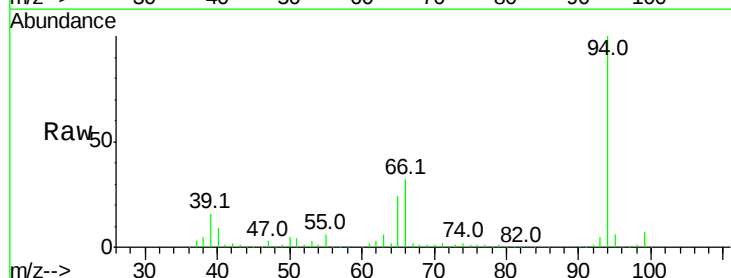
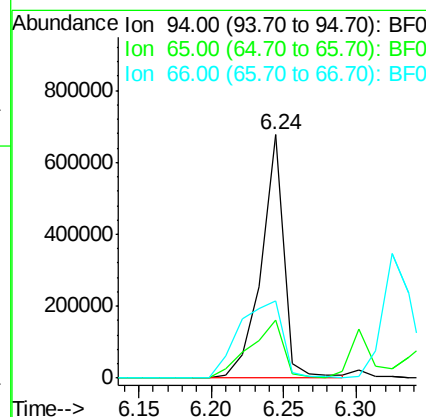
RT: 6.24 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

Tgt Ion:	94	Resp:	733983
Ion	Ratio	Lower	Upper
94	100		
65	23.8	21.4	61.4
66	31.5	44.0	84.0#





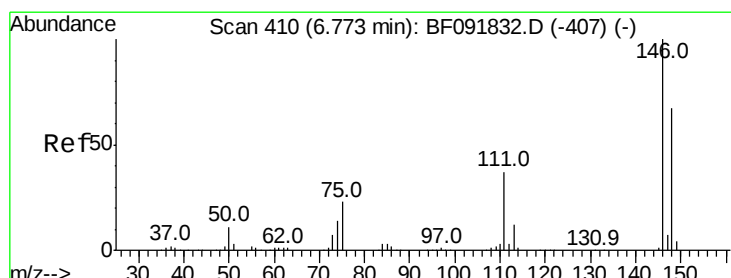
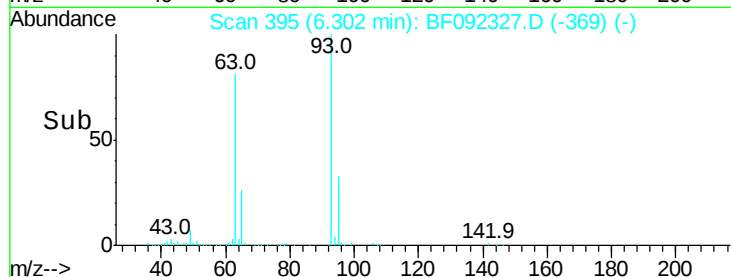
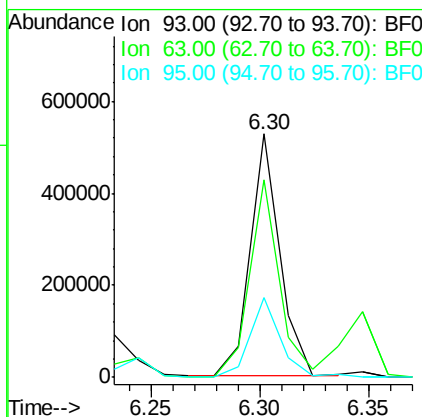
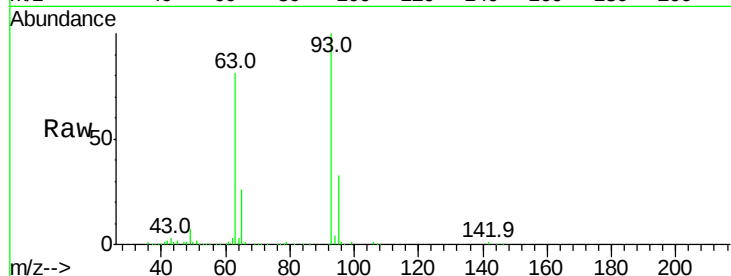
#11
bis(2-Chloroethyl)ether
Concen: 39.56 ng
RT: 6.30 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF092327.D
Acq: 17 Jan 2017 20:29

Instrument :
BNA_F
ClientSampleId :
B35MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.3	60.4	100.4
95	33.0	12.8	52.8

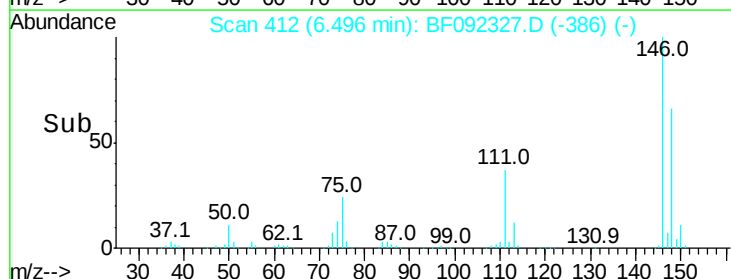
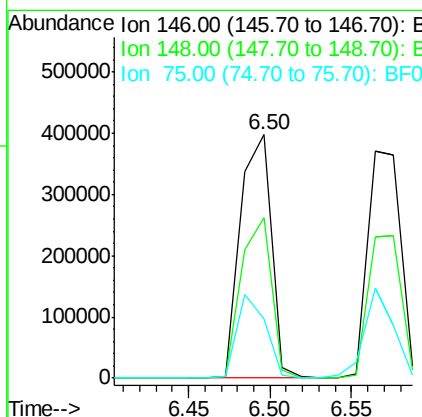
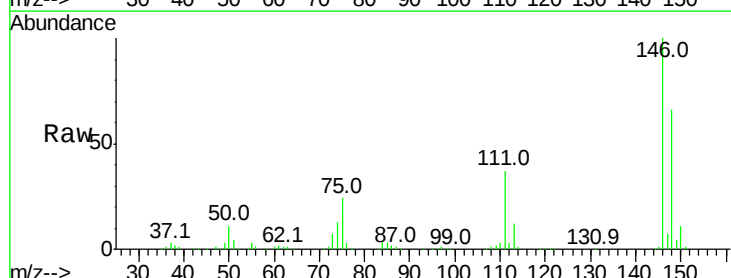
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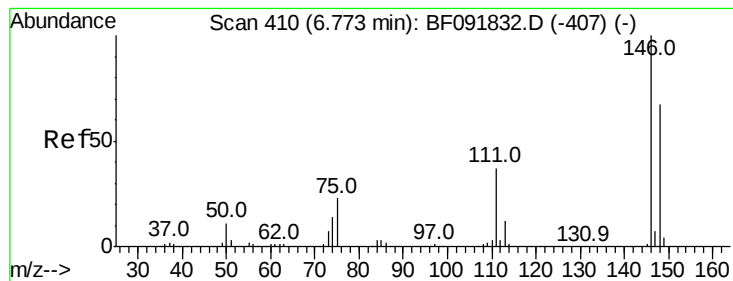
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.73 ng
RT: 6.50 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF092327.D
Acq: 17 Jan 2017 20:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	53.4	80.0
75	24.2	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 37.46 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

Instrument :

BNA_F

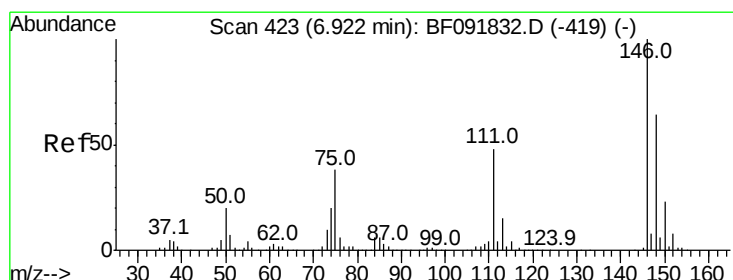
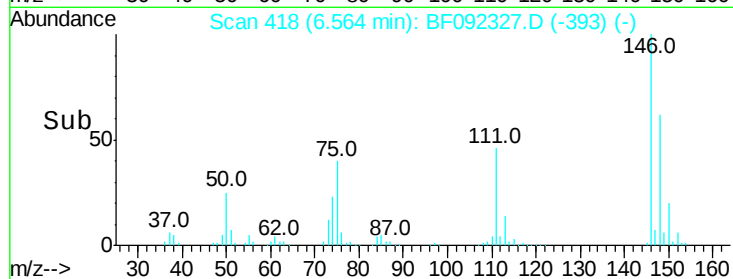
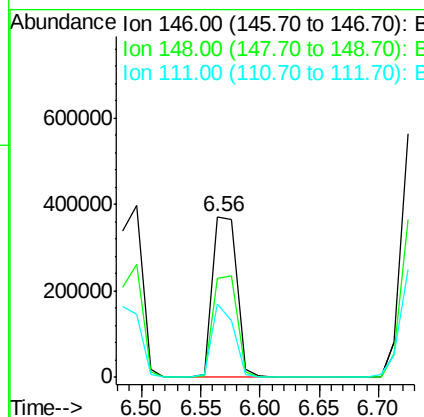
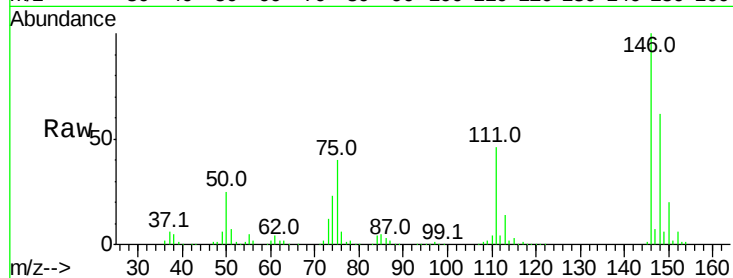
ClientSampled :

B35MSD

Tot Ion:	146	Resp:	526316
Ion Ratio	Lower	Upper	
146	100		
148	61.9	50.6	76.0
111	45.9	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 39.54 ng

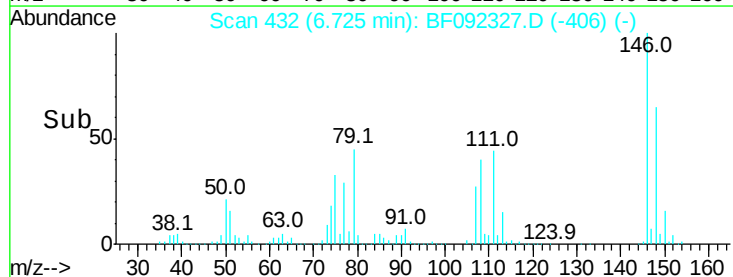
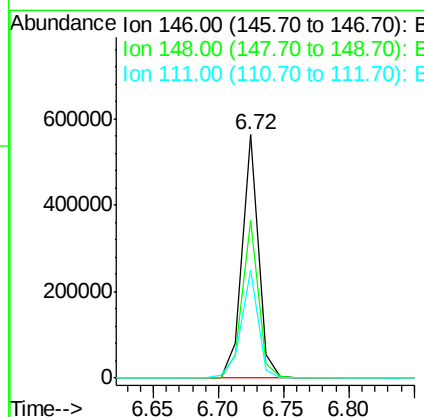
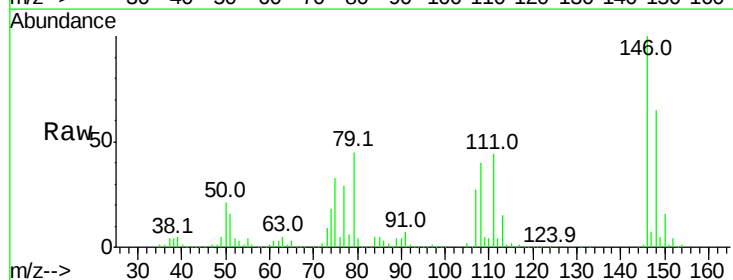
RT: 6.72 min Scan# 432

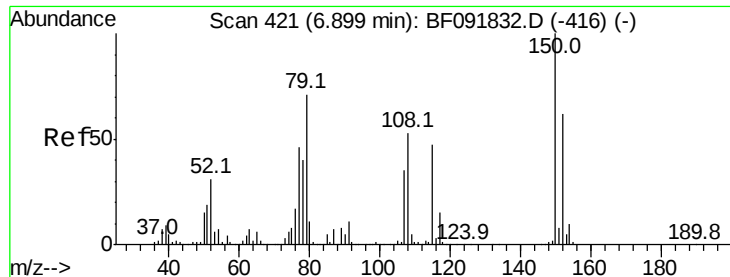
Delta R.T. 0.00 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

Tgt Ion:	146	Resp:	482090
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.2	78.2
111	44.5	36.2	54.2





#15

Benzyl Alcohol

Concen: 39.67 ng

RT: 6.72 min Scan# 432

Delta R.T. 0.01 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

Instrument :

BNA_F

ClientSampled :

B35MSD

Tot Ion: 79 Resp: 427803

Ion Ratio Lower Upper

79 100

108 87.8 61.4 92.0

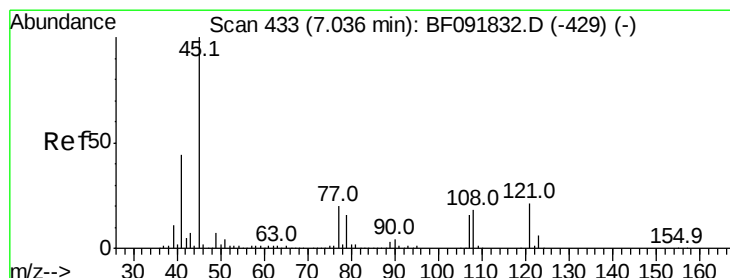
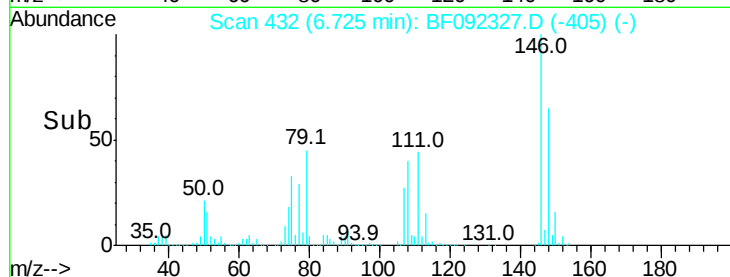
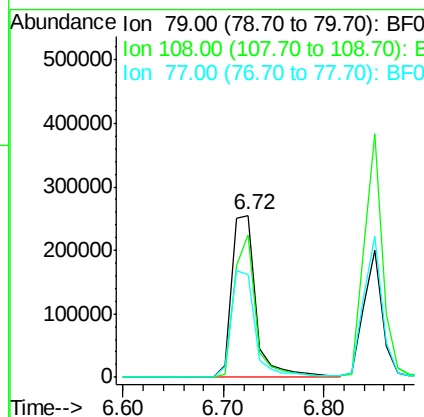
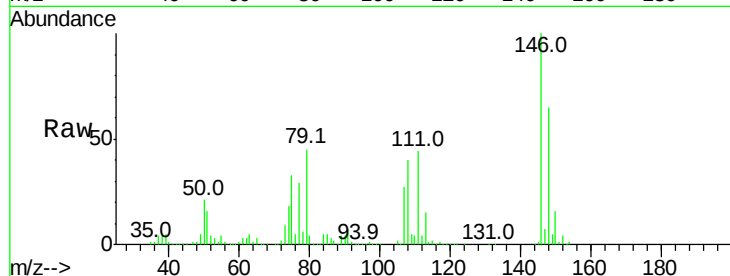
77 63.5 50.9 76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.71 ng

RT: 6.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

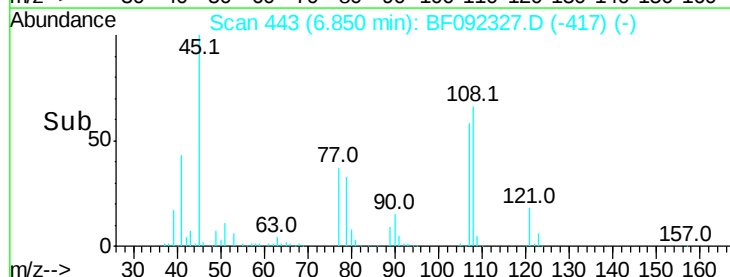
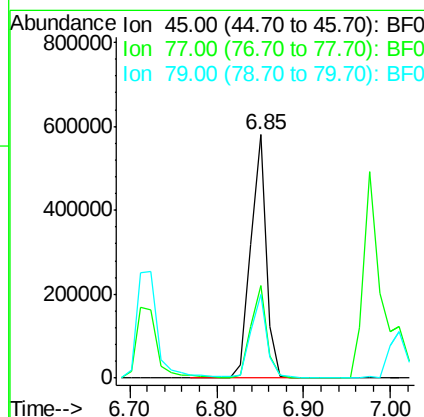
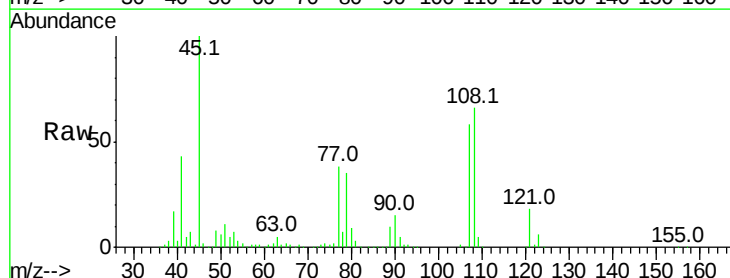
Tgt Ion: 45 Resp: 725402

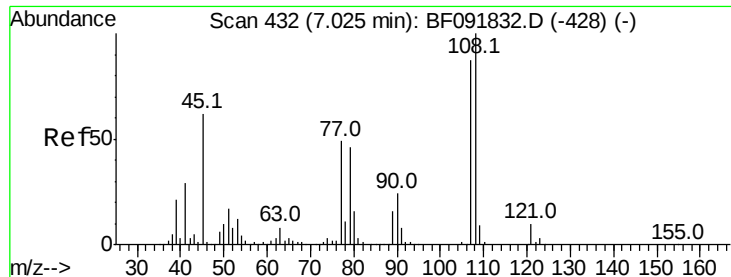
Ion Ratio Lower Upper

45 100

77 38.2 0.0 34.6#

79 34.5 0.0 31.2#





#17

2-Methylphenol

Concen: 40.92 ng

RT: 6.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

Instrument :

BNA_F

ClientSampled :

B35MSD

Tot Ion:107 Resp: 425526

Ion Ratio Lower Upper

107 100

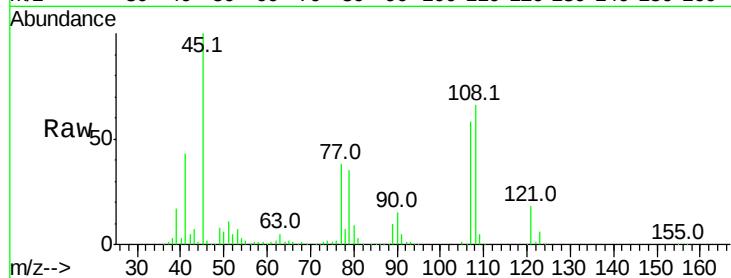
108 113.6 93.0 139.6

77 65.6 39.8 59.8#

79 59.3 38.0 57.0#

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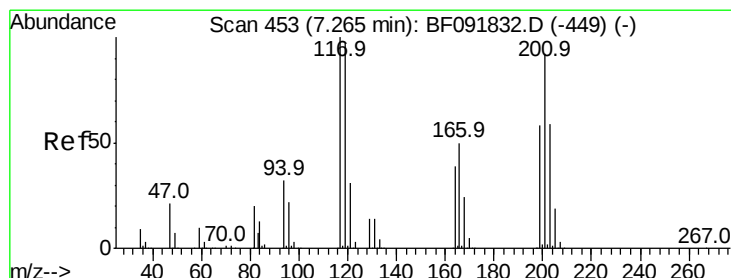
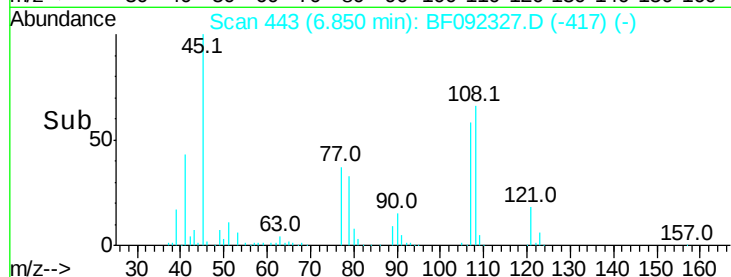
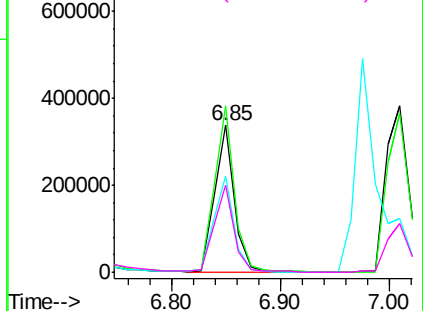


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.53 ng

RT: 7.06 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

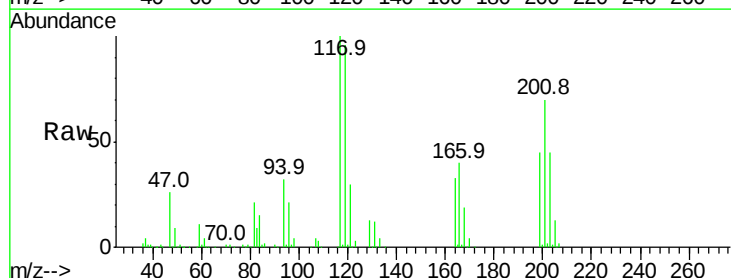
Tgt Ion:117 Resp: 195470

Ion Ratio Lower Upper

117 100

119 96.2 78.1 117.1

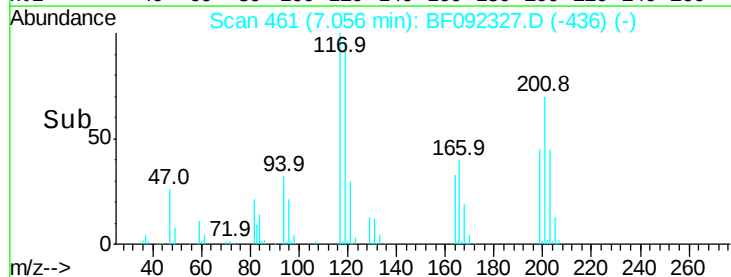
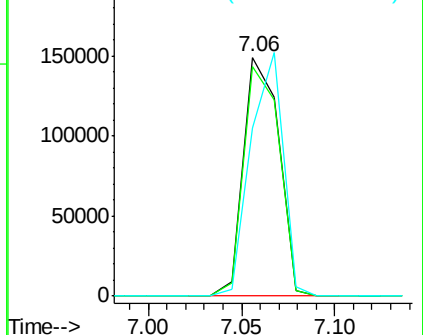
201 70.2 78.6 117.8#

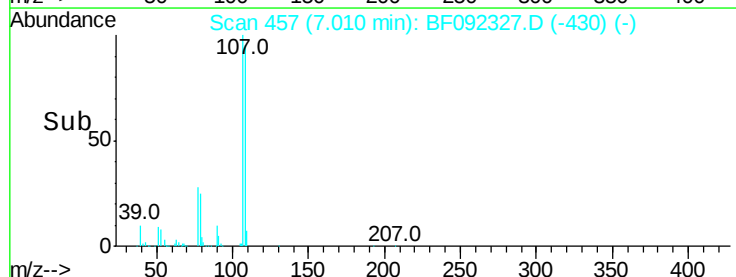
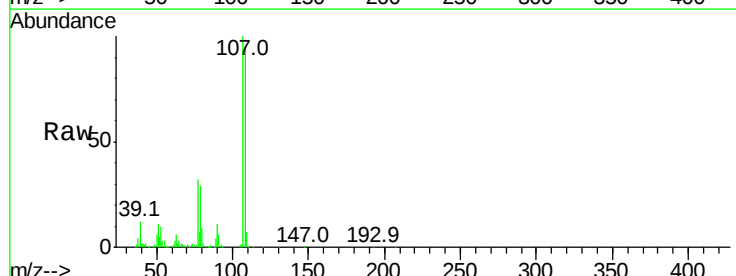
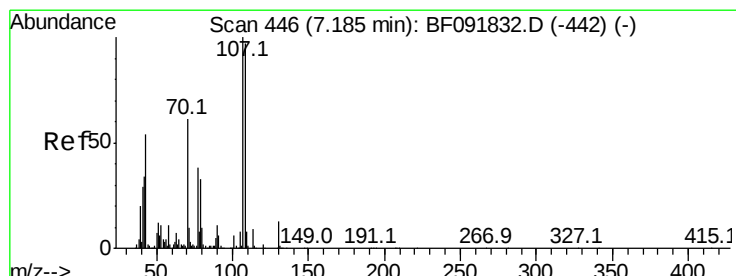
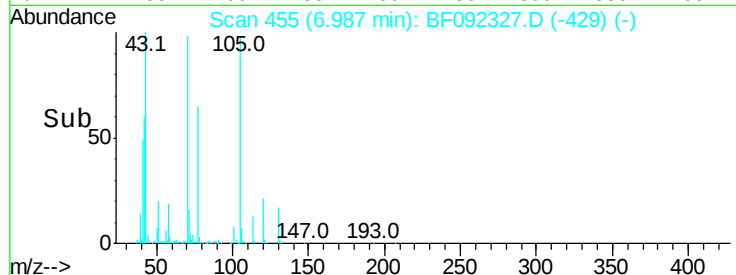
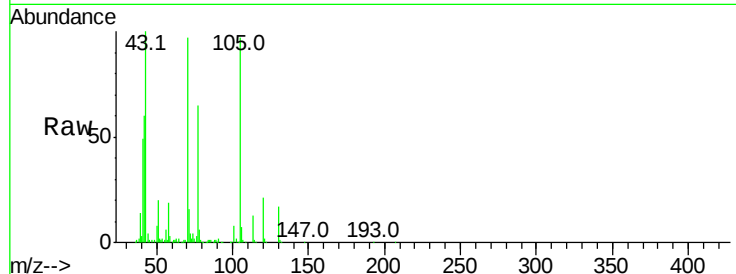


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.29 ng

RT: 6.99 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF092327.D

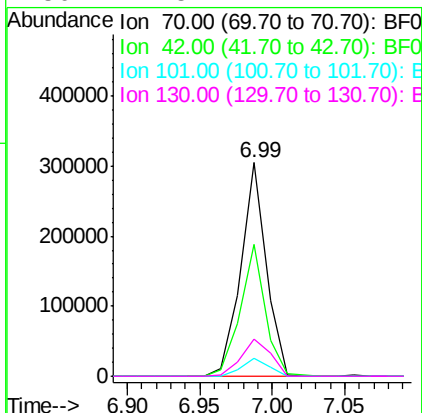
Acq: 17 Jan 2017 20:29

Instrument :
BNA_F
ClientSampleId :
B35MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.5	49.4	74.0
101	8.5	7.4	11.2
130	17.5	14.2	21.4

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#20

3+4-Methylphenols

Concen: 47.58 ng

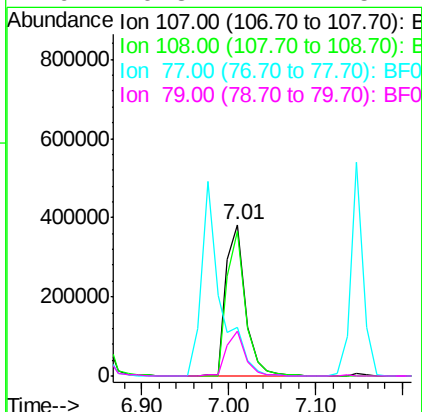
RT: 7.01 min Scan# 457

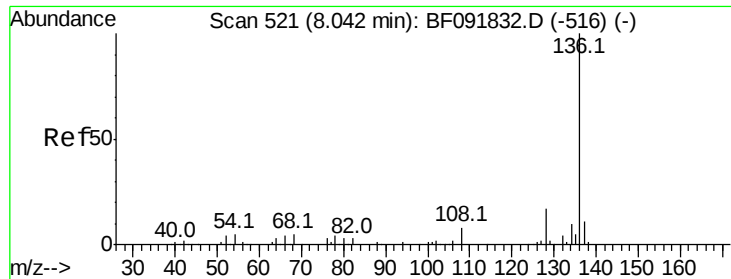
Delta R.T. 0.01 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.5	73.0	113.0
77	32.3	71.3	111.3#
79	29.3	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

Instrument :

BNA_F

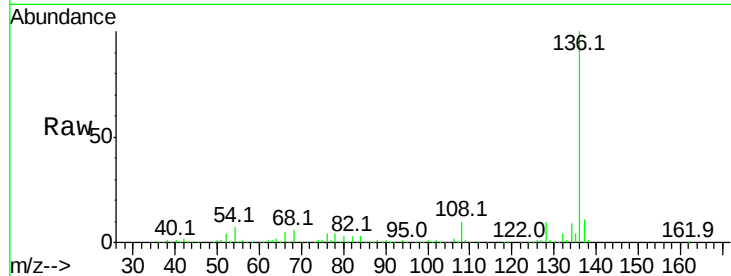
ClientSampleId :

B35MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	815611		
137	10.9	8.4	12.6	
54	7.1	4.5	6.7#	
68	5.9	3.6	5.4#	

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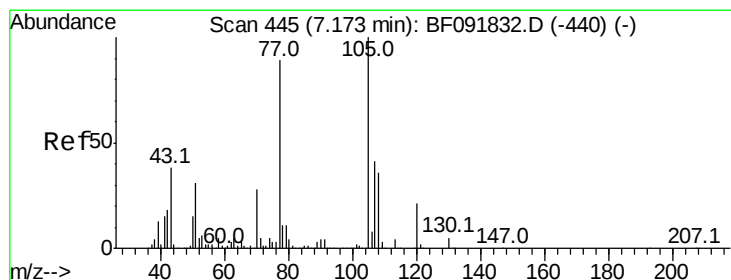
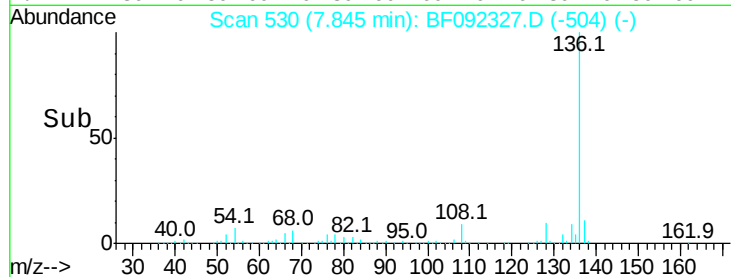
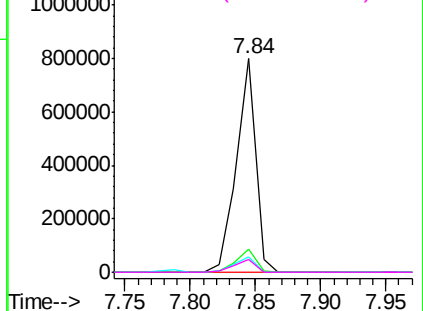


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.71 ng

RT: 6.98 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

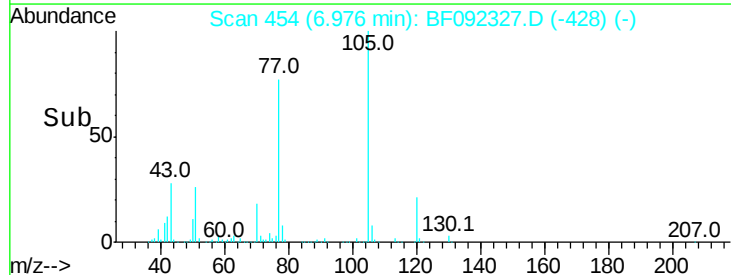
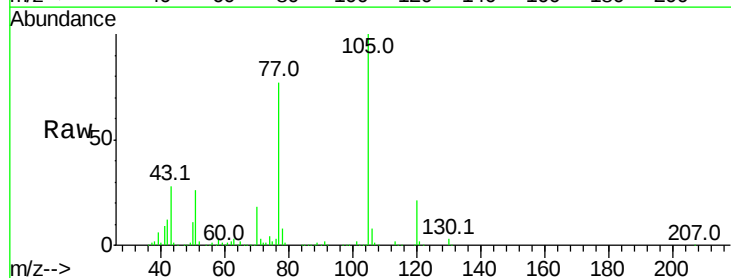
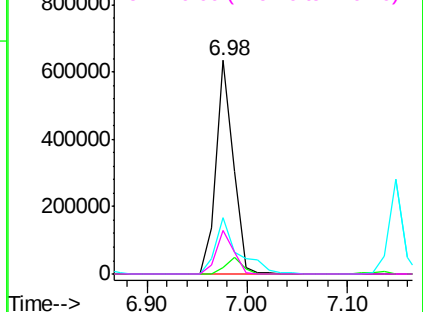
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	758603		
71	3.1	3.2	4.8#	
51	26.5	26.2	39.4	
120	20.6	16.6	24.8	

Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





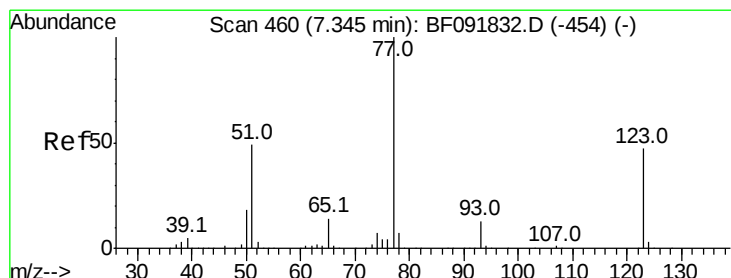
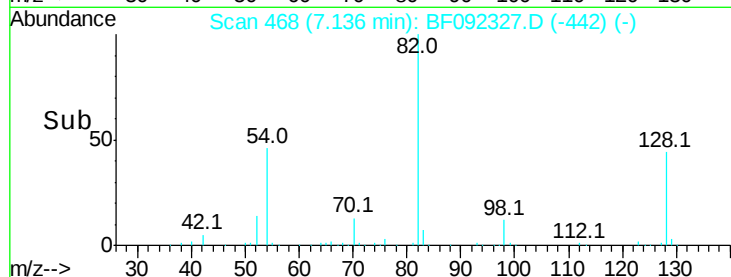
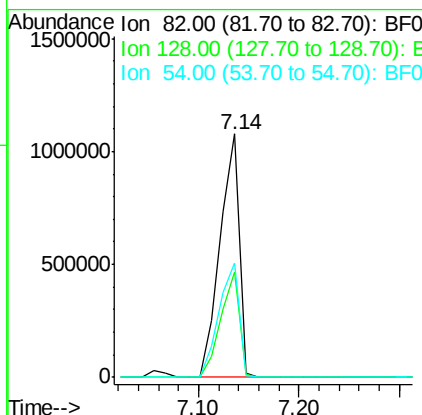
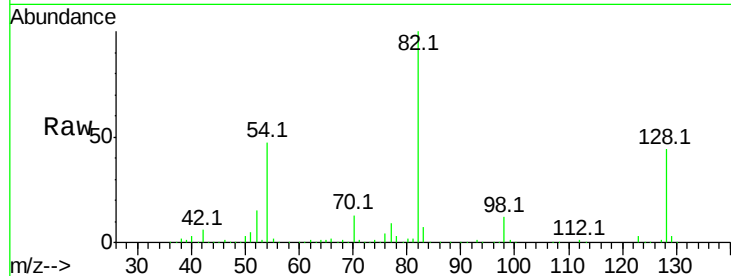
#23
 Nitrobenzene-d5
 Concen: 97.69 ng
 RT: 7.14 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF092327.D
 Acq: 17 Jan 2017 20:29

Instrument :
 BNA_F
 ClientSampleId :
 B35MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	52.0
54	47.2	39.5	59.3

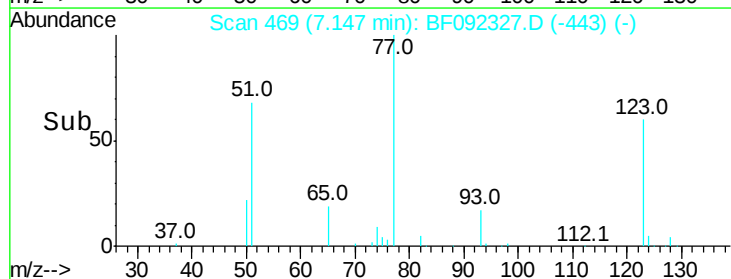
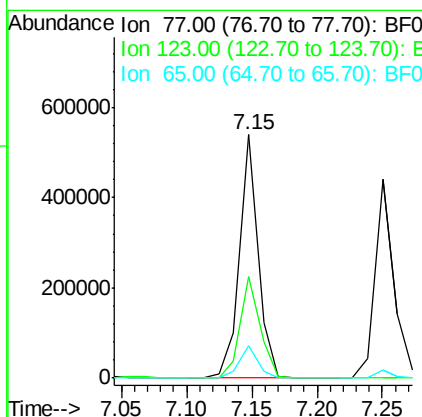
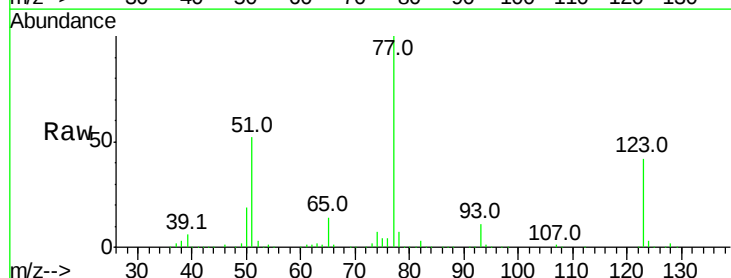
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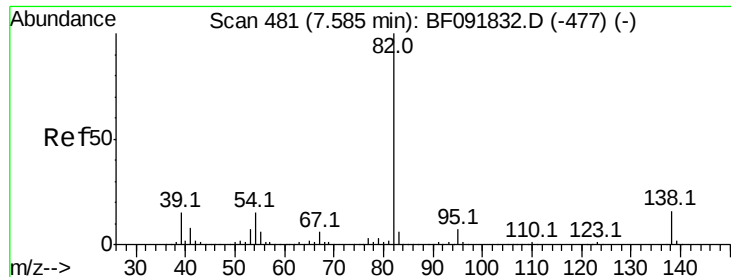
mohammad
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#24
 Nitrobenzene
 Concen: 34.02 ng
 RT: 7.15 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF092327.D
 Acq: 17 Jan 2017 20:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.6	33.0	49.4
65	13.5	11.2	16.8





#25

Isophorone

Concen: 39.16 ng

RT: 7.39 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

Instrument :

BNA_F

ClientSampleId :

B35MSD

Tot Ion: 82 Resp: 1059584

Ion Ratio Lower Upper

82 100

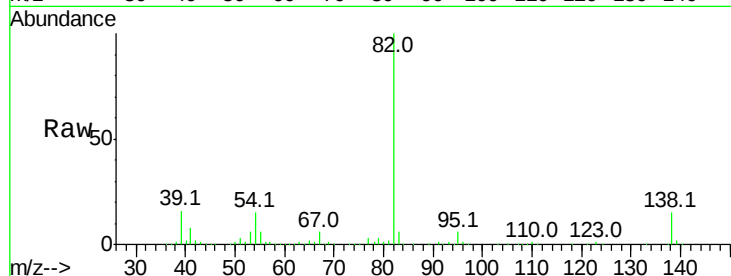
95 6.1 5.6 8.4

138 15.2 14.6 22.0

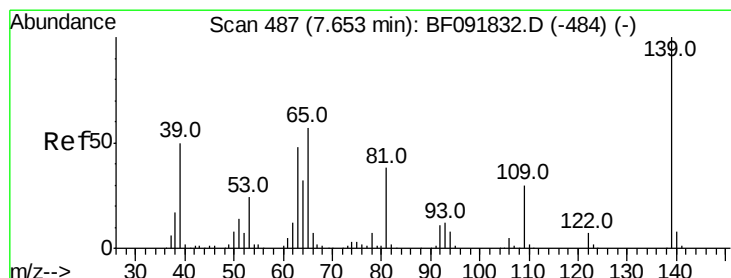
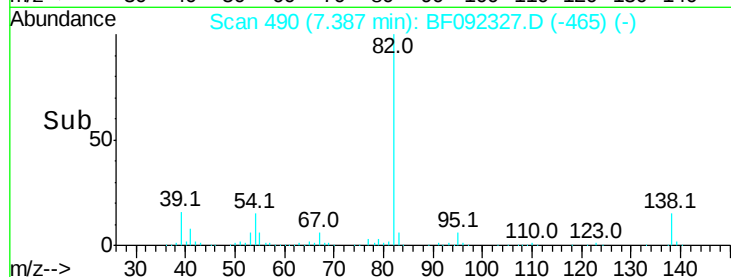
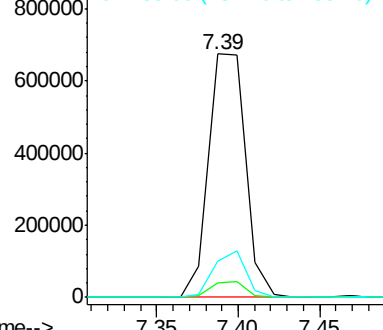
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 37.60 ng

RT: 7.47 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

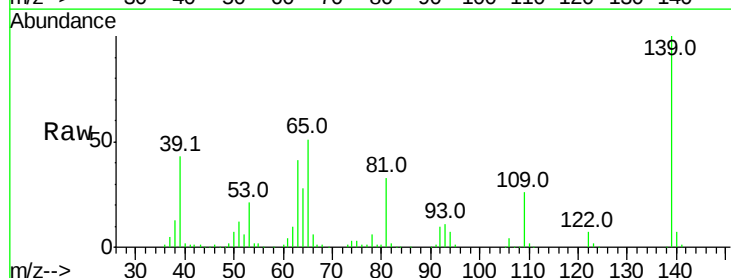
Tgt Ion: 139 Resp: 289691

Ion Ratio Lower Upper

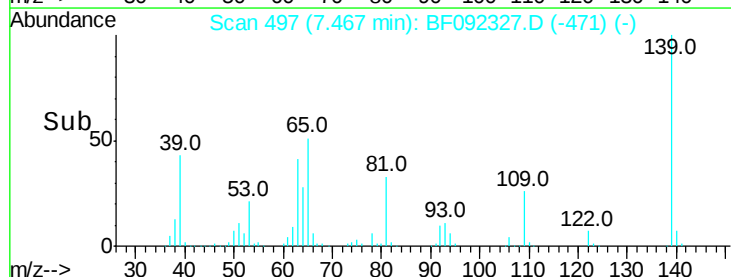
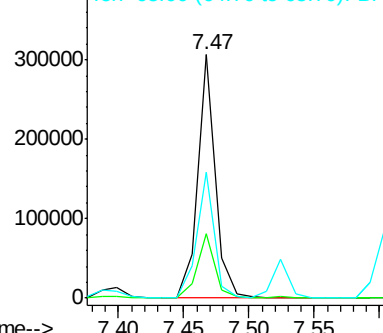
139 100

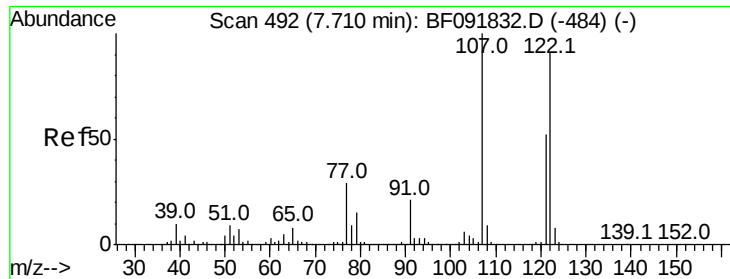
109 26.4 23.3 34.9

65 51.5 42.7 64.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





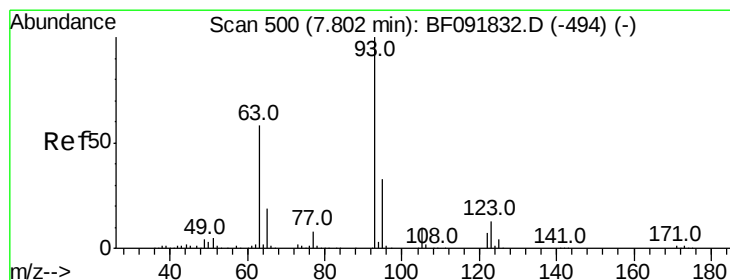
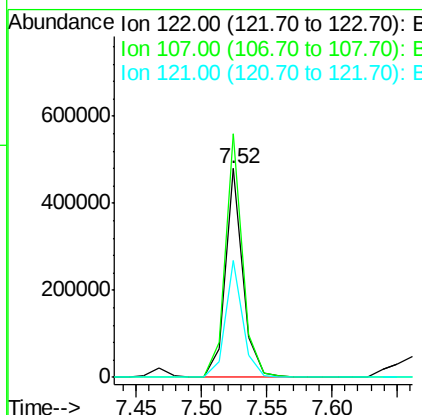
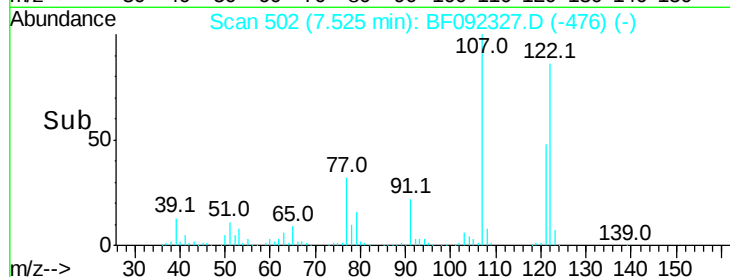
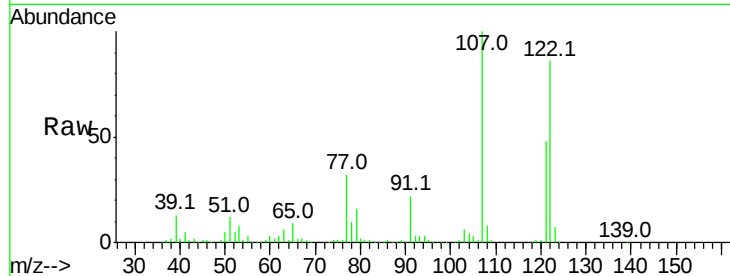
#27
2,4-Dimethylphenol
Concen: 35.00 ng
RT: 7.52 min Scan# 502
Delta R.T. 0.00 min
Lab File: BF092327.D
Acq: 17 Jan 2017 20:29

Instrument :
BNA_F
ClientSampleId :
B35MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.5	94.1	141.1
121	56.1	46.0	69.0

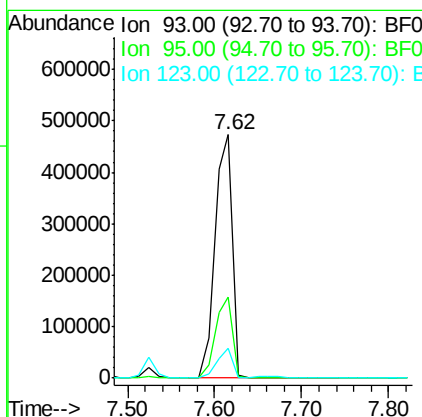
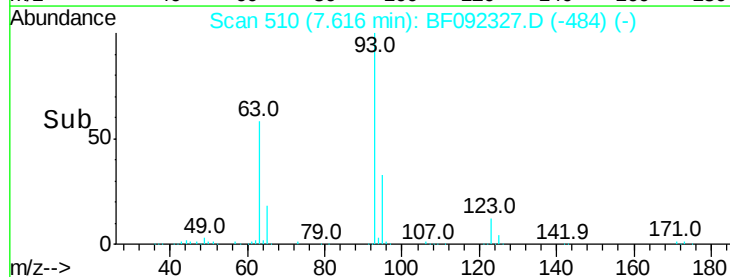
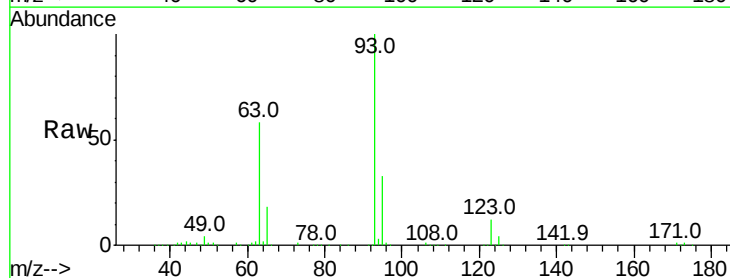
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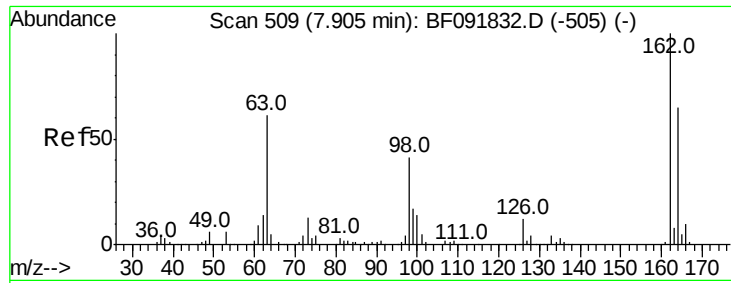
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.52 ng
RT: 7.62 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF092327.D
Acq: 17 Jan 2017 20:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.5	39.7
123	12.1	8.6	13.0





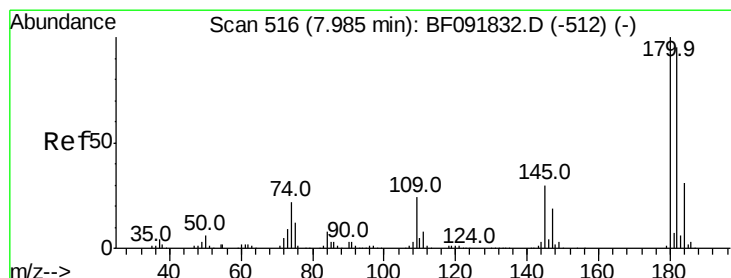
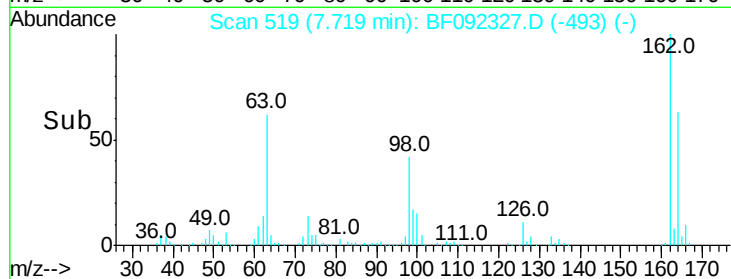
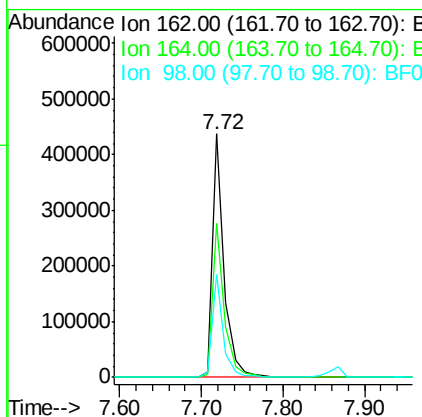
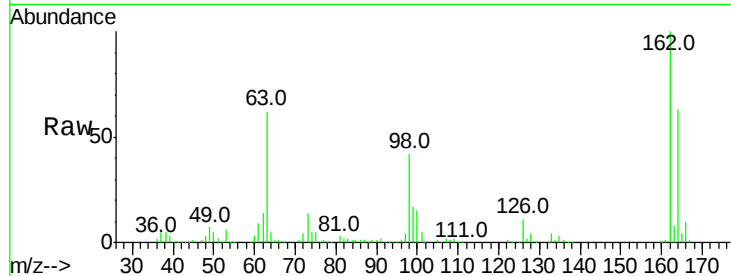
#29
 2,4-Dichlorophenol
 Concen: 40.37 ng
 RT: 7.72 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF092327.D
 Acq: 17 Jan 2017 20:29

Instrument :
 BNA_F
 ClientSampled :
 B35MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.4	46.8	86.8
98	42.4	9.1	49.1

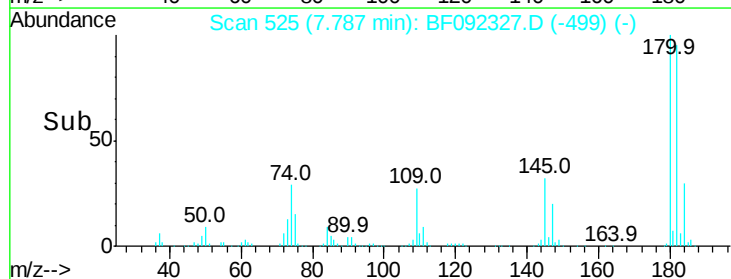
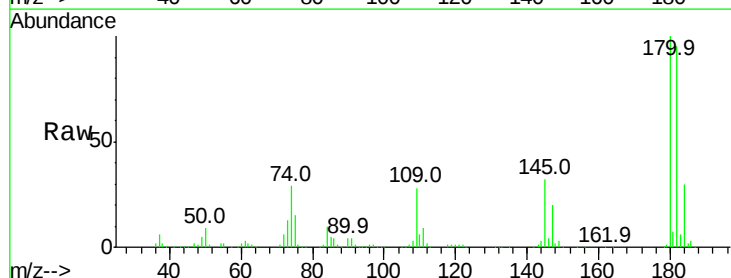
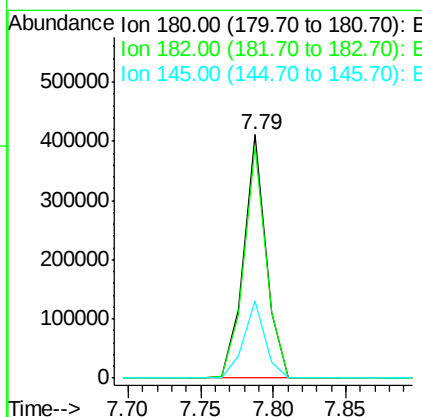
Manual Integrations
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.19 ng
 RT: 7.79 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF092327.D
 Acq: 17 Jan 2017 20:29

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.4	78.2	117.4
145	31.9	21.6	32.4





#31

Naphthalene

Concen: 40.38 ng

RT: 7.87 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

Instrument :

BNA_F

ClientSampleId :

B35MSD

Tot Ion:128 Resp: 1507278

Ion Ratio Lower Upper

128 100

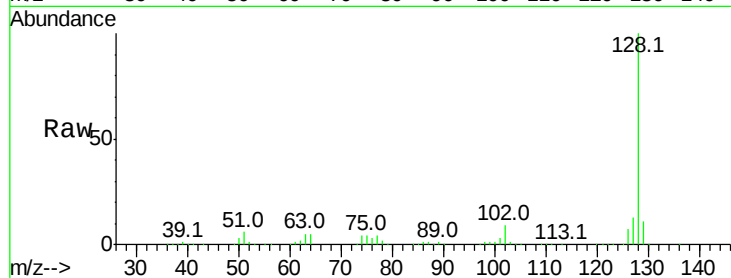
129 11.4 9.5 14.3

127 13.1 10.8 16.2

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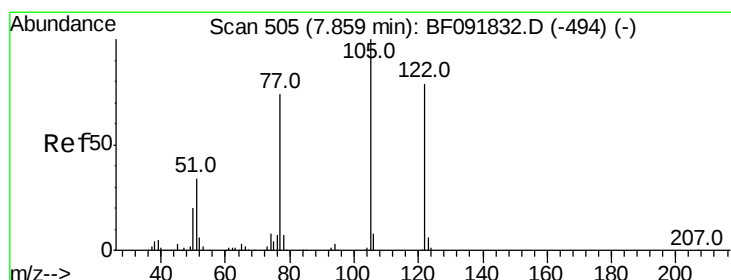
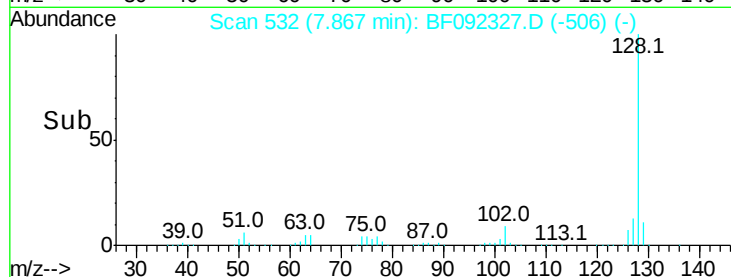
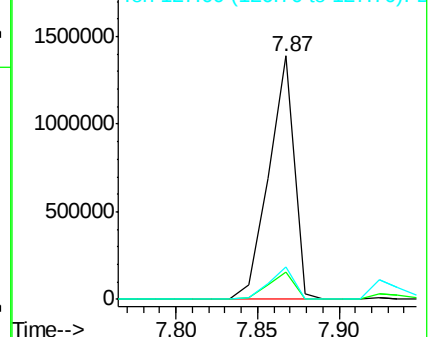
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.12 ng

RT: 7.66 min Scan# 514

Delta R.T. -0.02 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

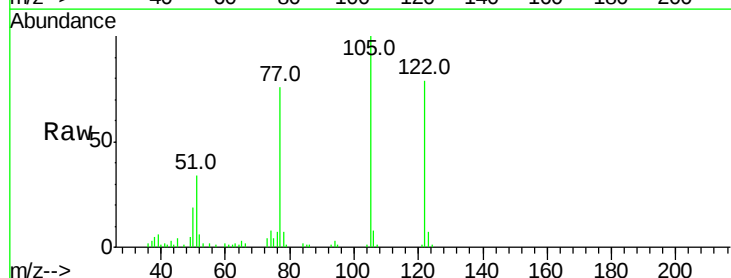
Tgt Ion:122 Resp: 95886

Ion Ratio Lower Upper

122 100

105 126.0 107.2 147.2

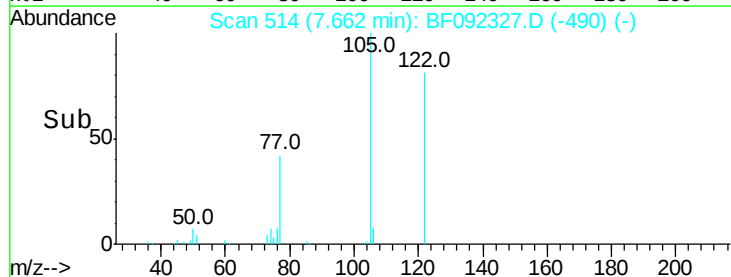
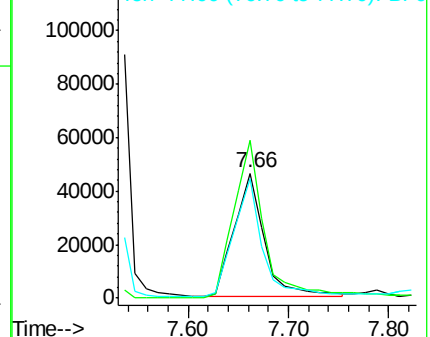
77 95.6 74.5 114.5

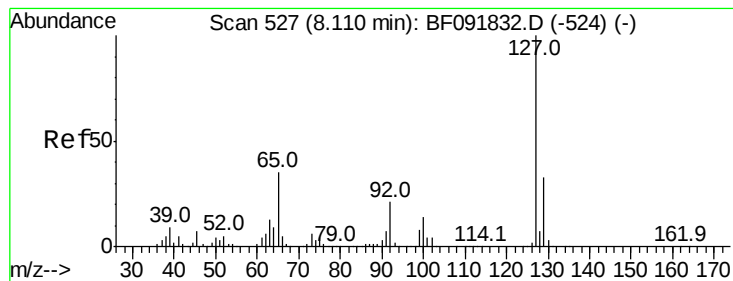


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





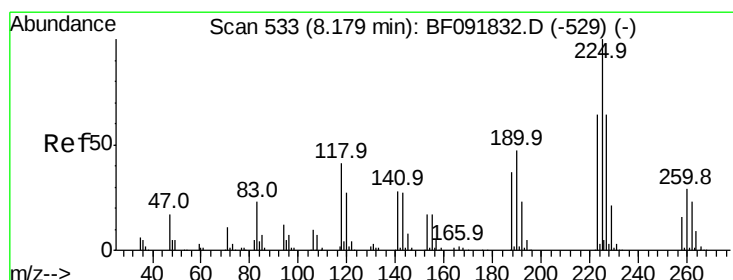
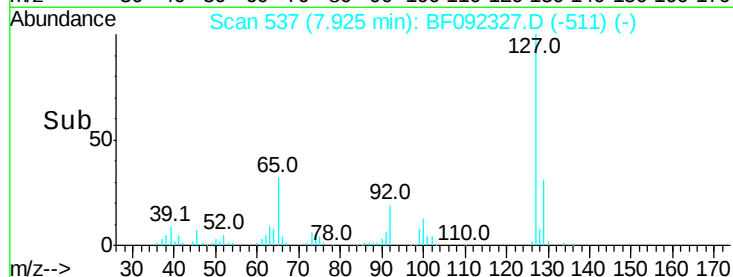
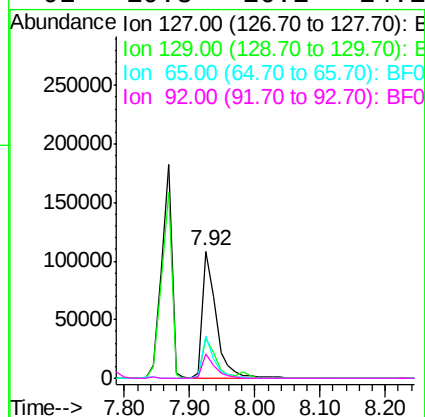
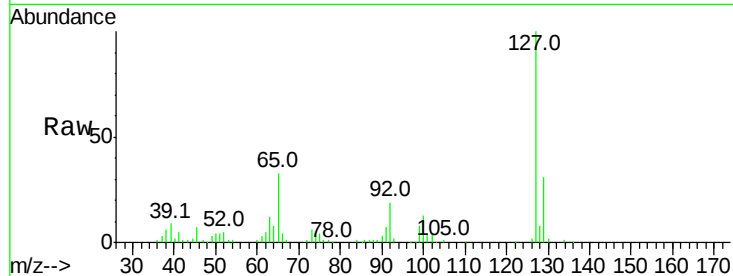
#33
4-Chloroaniline
Concen: 9.37 ng
RT: 7.92 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF092327.D
Acq: 17 Jan 2017 20:29

Instrument :
BNA_F
ClientSampleId :
B35MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.2	26.3	39.5		
65	33.3	25.8	38.8		
92	19.3	16.1	24.1		

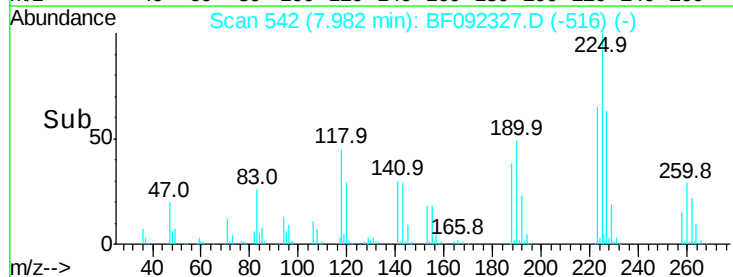
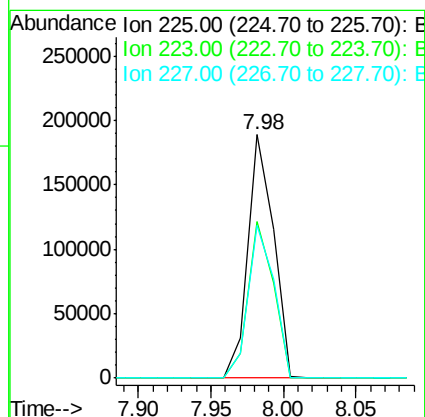
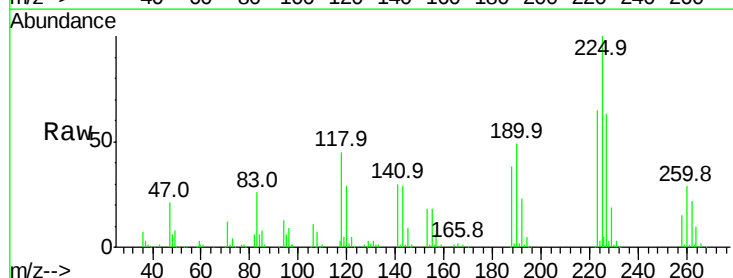
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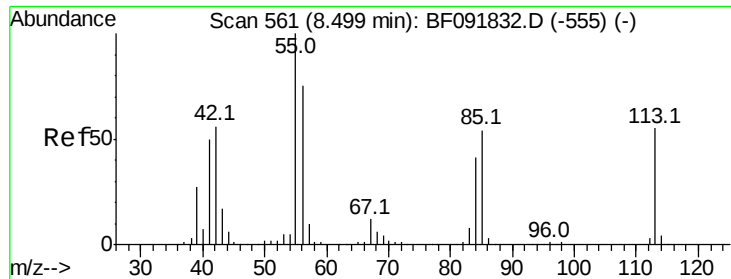
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#34
Hexachlorobutadiene
Concen: 36.98 ng
RT: 7.98 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF092327.D
Acq: 17 Jan 2017 20:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.5	51.0	76.6		
227	63.0	50.6	76.0		





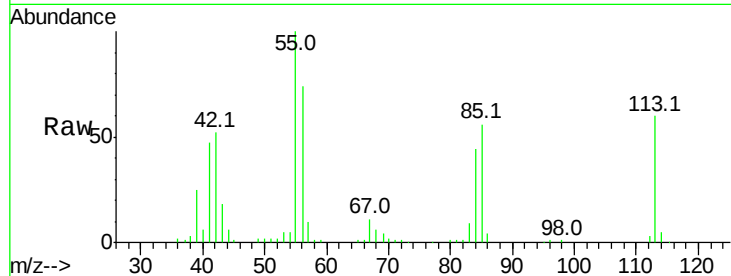
#35
Caprolactam
Concen: 38.20 ng/ml
RT: 8.31 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF092327.D
Acq: 17 Jan 2017 20:29

Instrument :
BNA_F
ClientSampled :
B35MSD

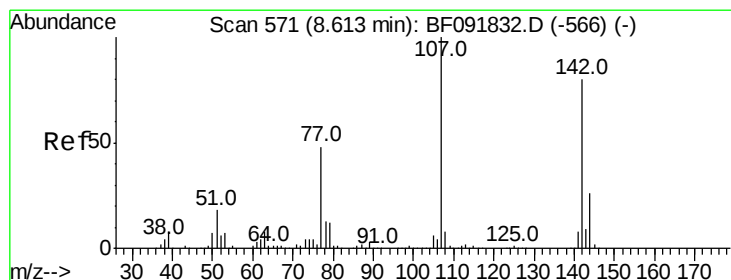
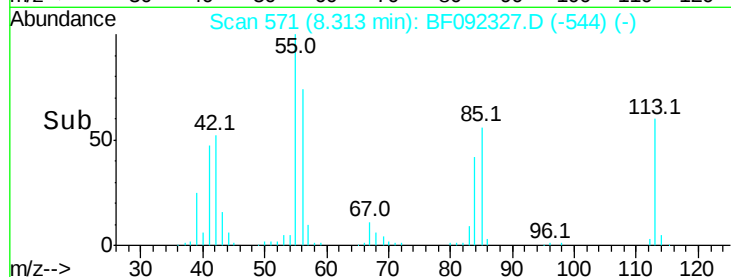
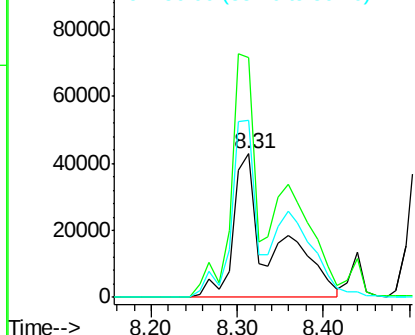
Tot Ion	Ratio	Lower	Upper
113	100		
55	167.3	119.2	159.2#
56	123.2	83.8	123.8

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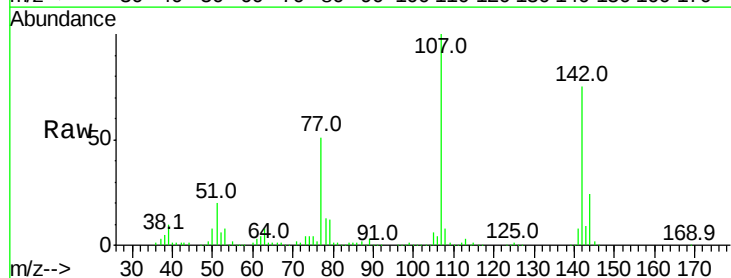


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

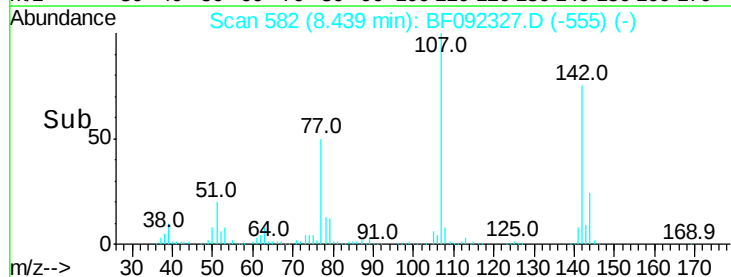
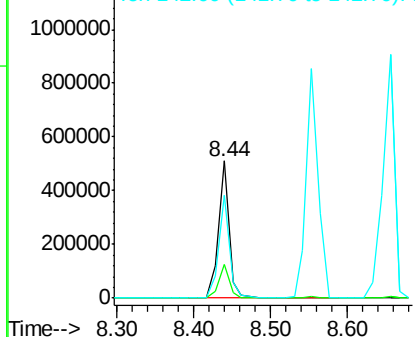


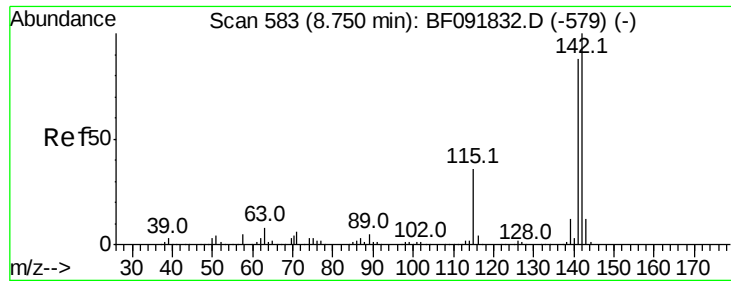
#36
4-Chloro-3-methylphenol
Concen: 39.50 ng/ml
RT: 8.44 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF092327.D
Acq: 17 Jan 2017 20:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	19.3	28.9
142	75.2	59.0	88.6



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





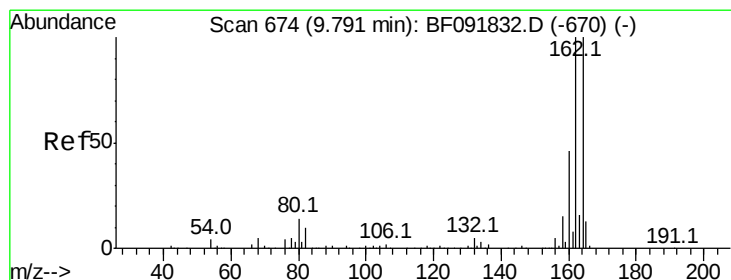
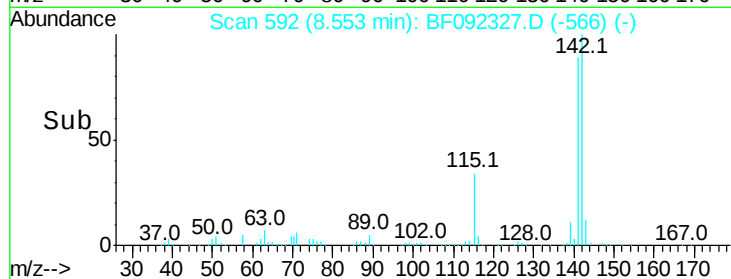
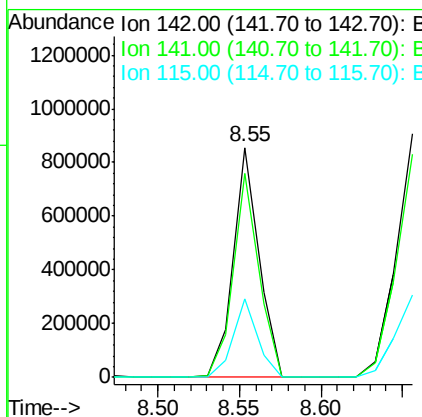
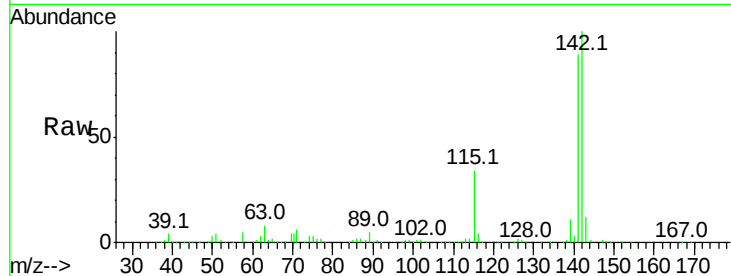
#37
2-Methylnaphthalene
Concen: 39.35 ng
RT: 8.55 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF092327.D
Acq: 17 Jan 2017 20:29

Instrument :
BNA_F
ClientSampleId :
B35MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.6
115	34.4	28.3	42.5

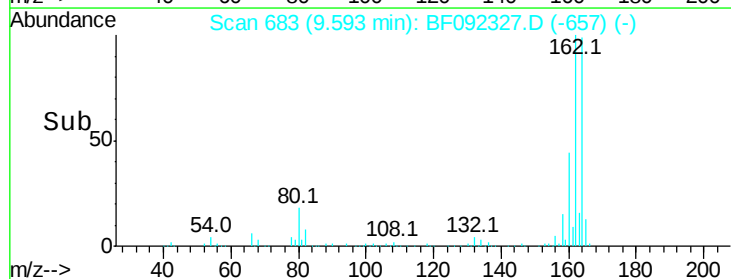
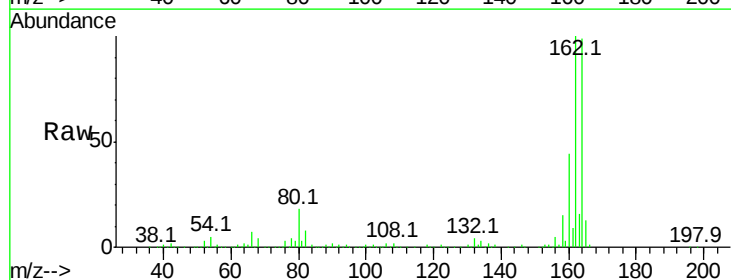
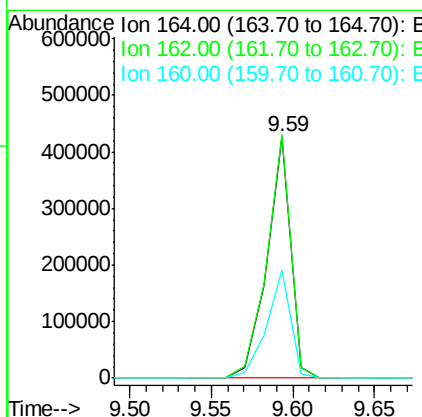
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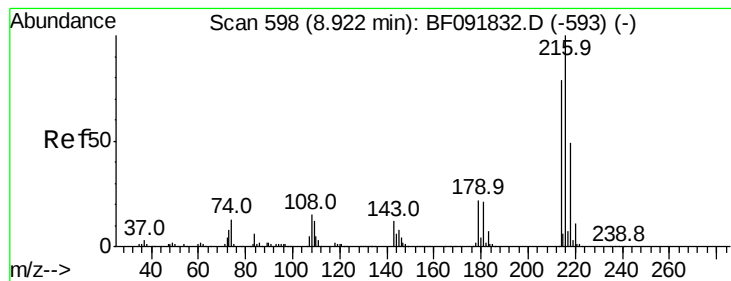
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF092327.D
Acq: 17 Jan 2017 20:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.2	120.2
160	44.9	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.42 ng

RT: 8.72 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF092327.D

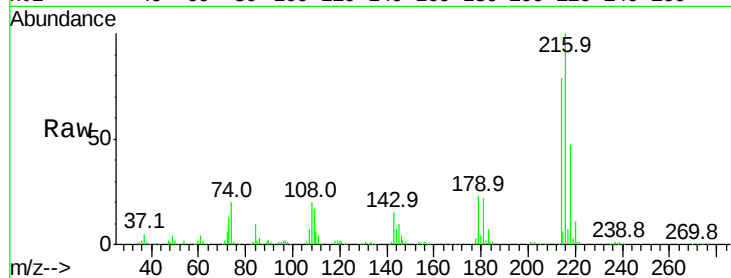
Acq: 17 Jan 2017 20:29

Instrument :

BNA_F

ClientSampleId :

B35MSD



Tot Ion:216 Resp: 417738

Ion Ratio Lower Upper

216 100

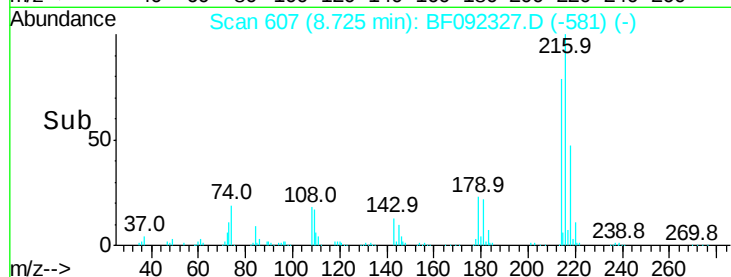
214 78.9 63.4 95.0

179 22.7 17.4 26.2

108 22.5 15.6 23.4

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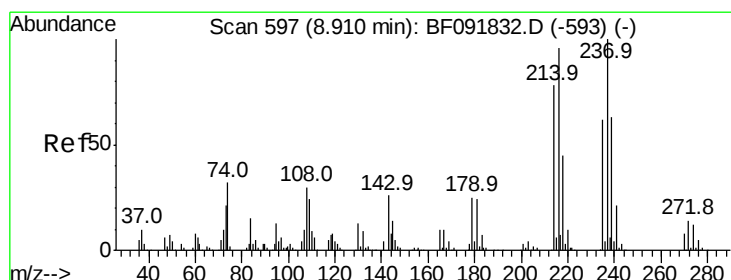
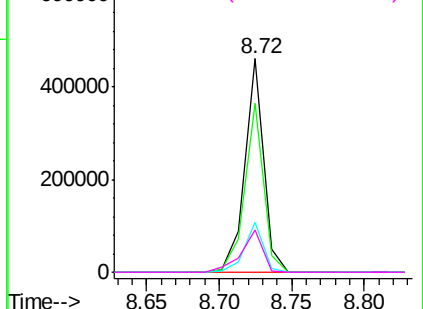


Abundance Ion 216.00 (215.70 to 216.70): E

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: 62.99 ng

RT: 8.71 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

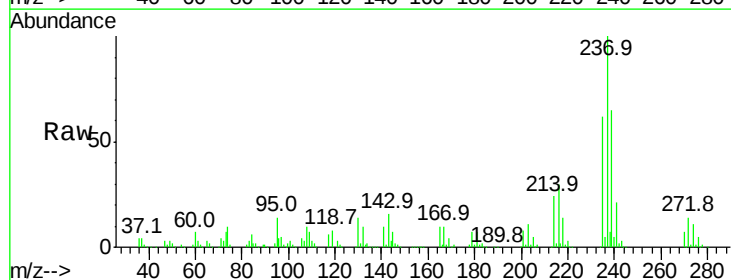
Tgt Ion:237 Resp: 300677

Ion Ratio Lower Upper

237 100

235 61.8 41.2 81.2

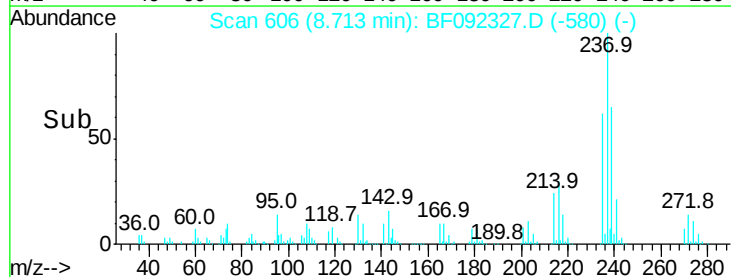
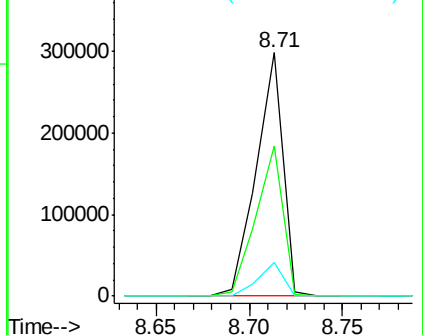
272 14.0 0.0 35.4

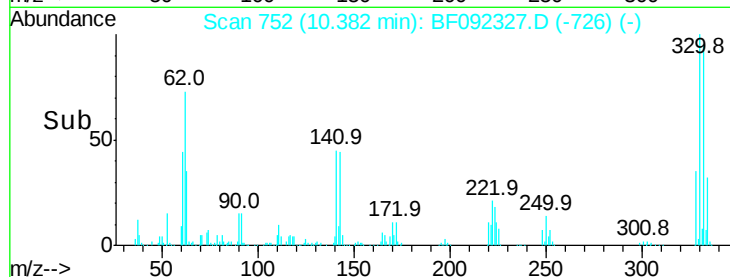
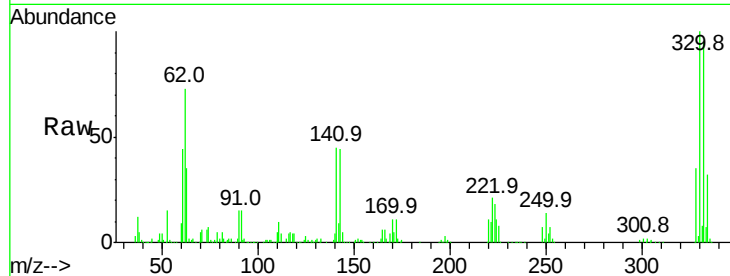
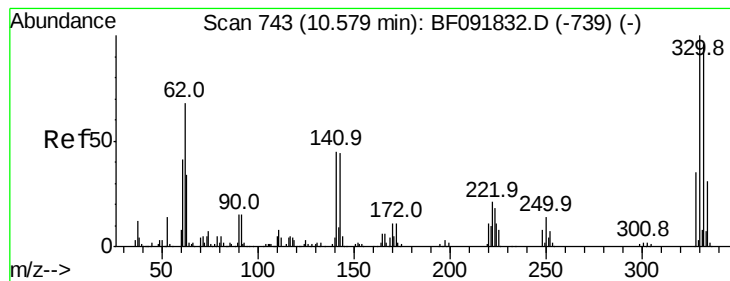


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 129.39 ng

RT: 10.38 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

Tot Ion:	330	Resp:	460776
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.4	116.2
141	36.8	34.1	51.1

Instrument :

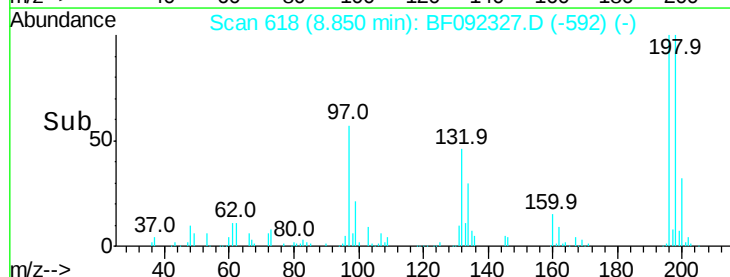
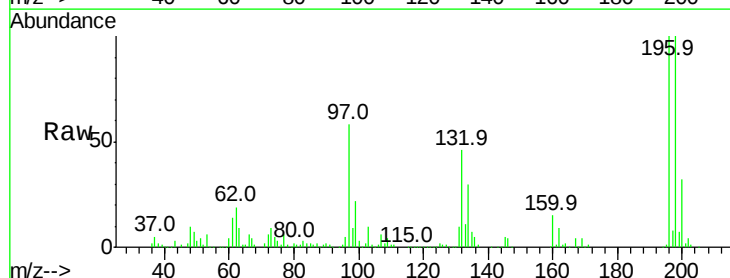
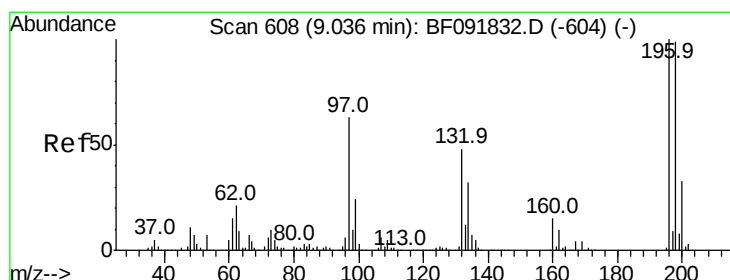
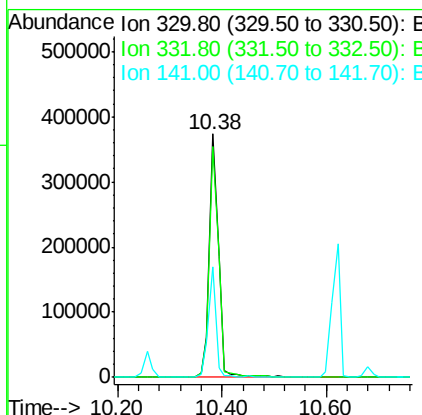
BNA_F

ClientSampled :

B35MSD

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#42

2,4,6-Trichlorophenol

Concen: 37.00 ng

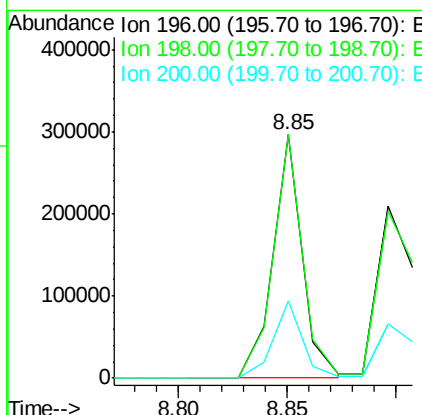
RT: 8.85 min Scan# 618

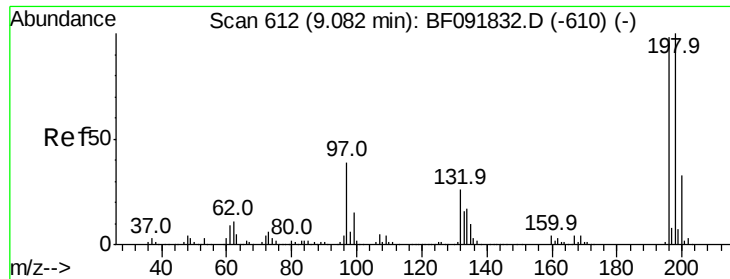
Delta R.T. 0.00 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

Tgt Ion:	196	Resp:	281331
Ion Ratio	Lower	Upper	
196	100		
198	100.0	82.1	123.1
200	31.7	27.0	40.4





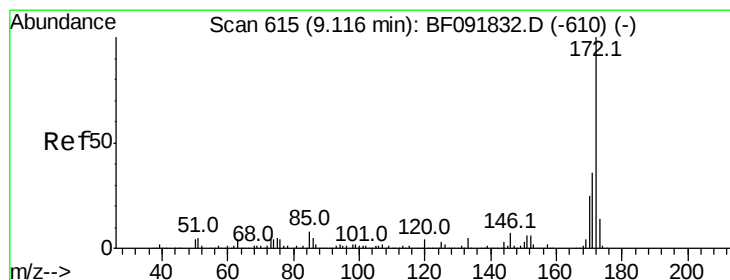
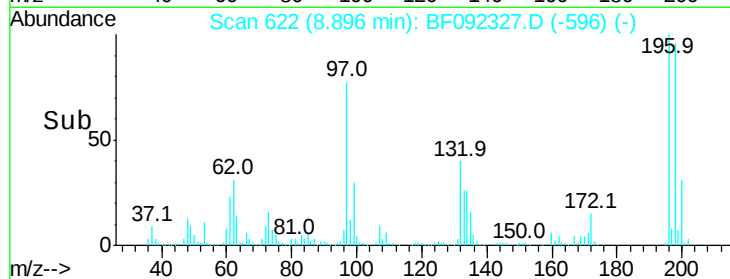
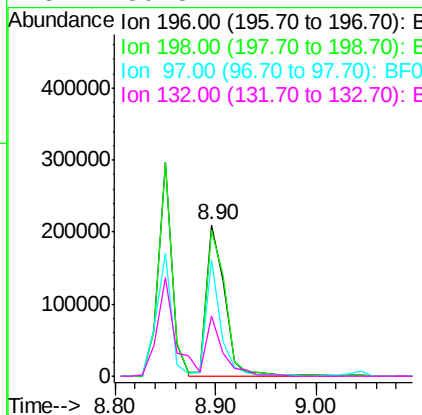
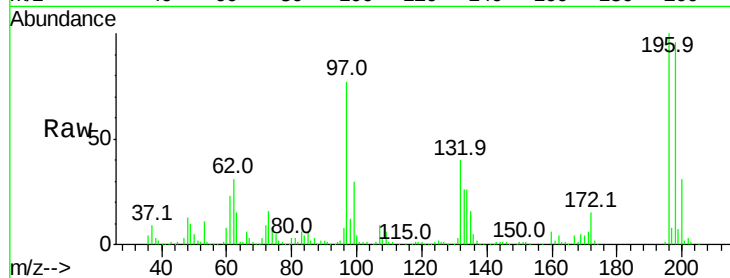
#43
 2,4,5-Trichlorophenol
 Concen: 33.67 ng
 RT: 8.90 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF092327.D
 Acq: 17 Jan 2017 20:29

Instrument :
 BNA_F
 ClientSampleId :
 B35MSD

Tot Ion:	196	Resp:	263479
Ion Ratio	Lower	Upper	
196	100		
198	96.5	79.4	119.2
97	77.3	51.5	77.3#
132	39.8	27.4	41.2

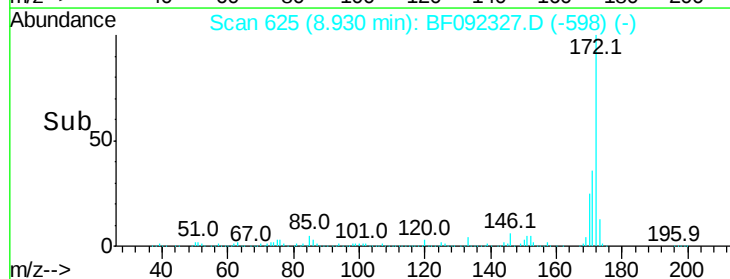
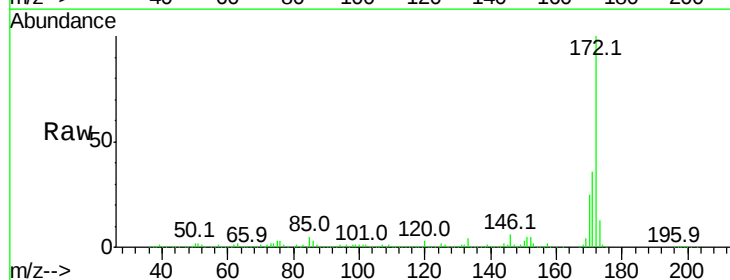
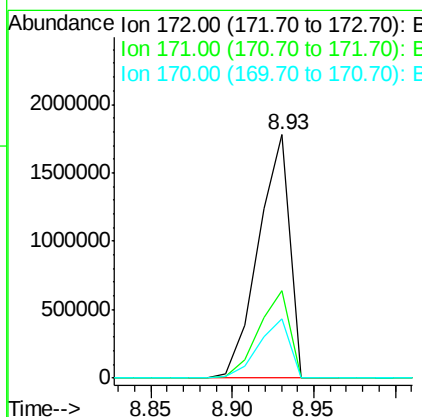
Manual Integrations
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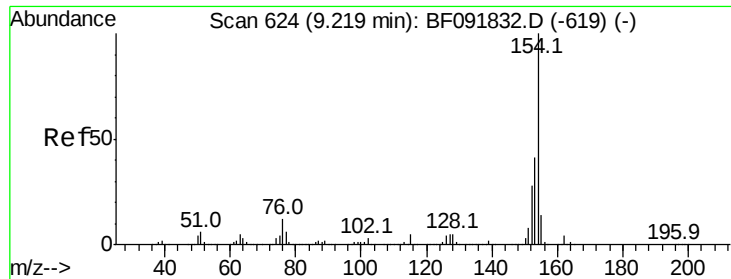
mohammad
 1/18/2017 5:11:36 PM



#44
 2-Fluorobiphenyl
 Concen: 117.60 ng
 RT: 8.93 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF092327.D
 Acq: 17 Jan 2017 20:29

Tgt Ion:	172	Resp:	2365990
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.4	44.0
170	24.6	20.2	30.4





#45

1,1'-Biphenyl

Concen: 39.73 ng

RT: 9.02 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

Instrument :

BNA_F

ClientSampleId :

B35MSD

Tot Ion:154 Resp: 1170532

Ion Ratio Lower Upper

154 100

153 40.7 20.9 60.9

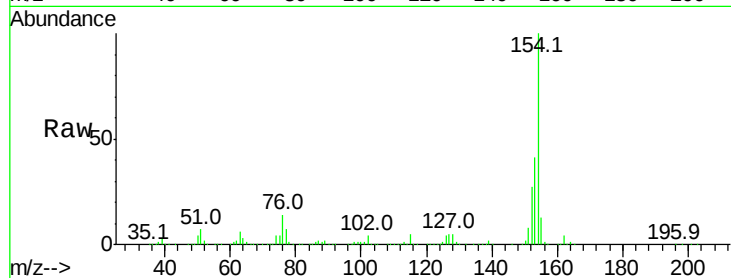
76 13.7 0.0 30.5

Manual Integrations

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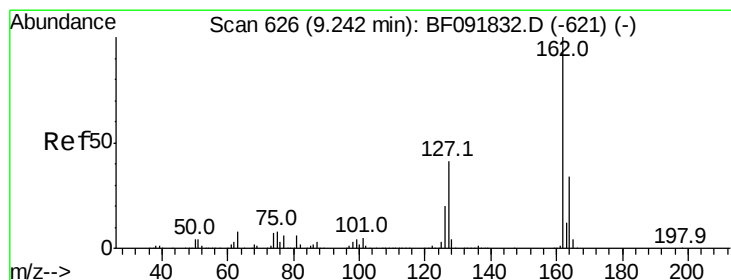
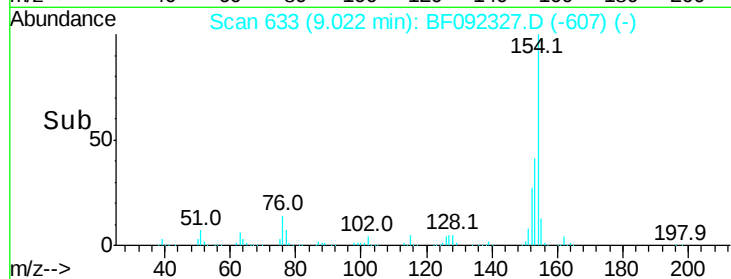
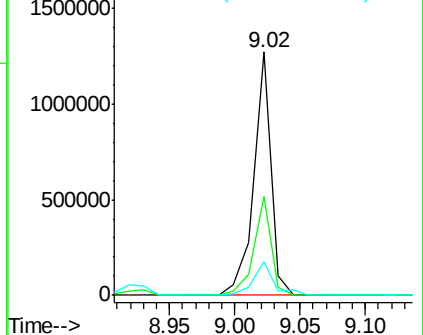
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.11 ng

RT: 9.04 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

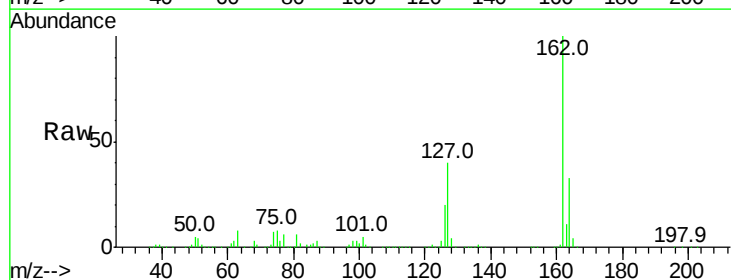
Tgt Ion:162 Resp: 912522

Ion Ratio Lower Upper

162 100

127 40.1 30.7 46.1

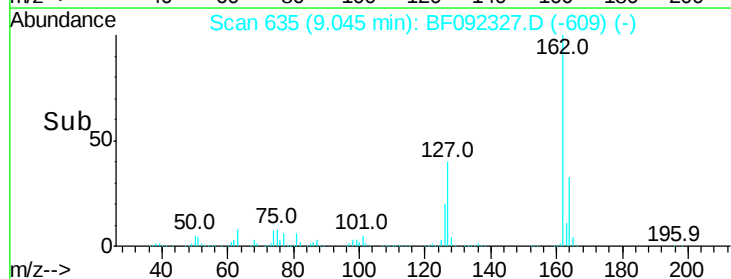
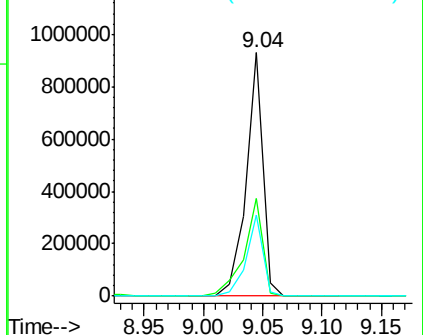
164 33.3 27.6 41.4

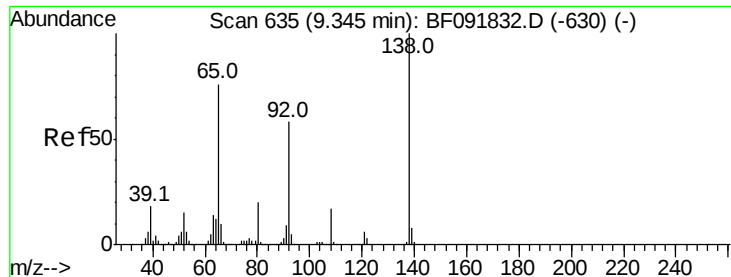


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





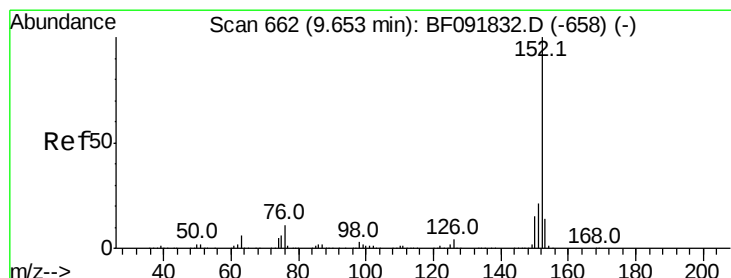
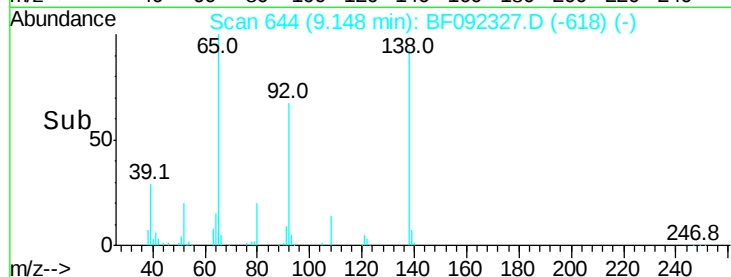
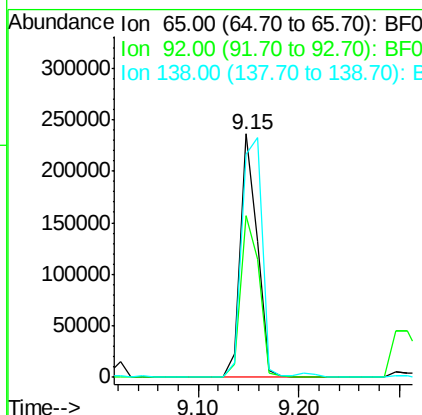
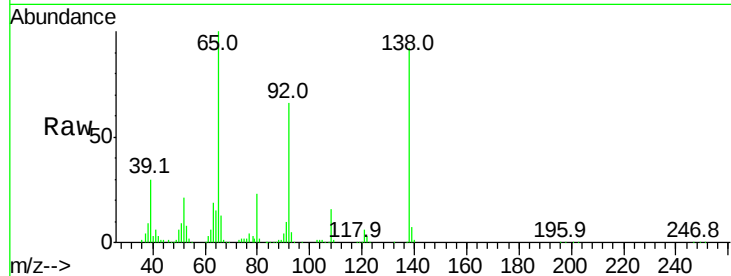
#47
2-Nitroaniline
Concen: 33.21 ng
RT: 9.15 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF092327.D
Acq: 17 Jan 2017 20:29

Instrument :
BNA_F
ClientSampleId :
B35MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.2	53.9	80.9
138	91.8	76.8	115.2

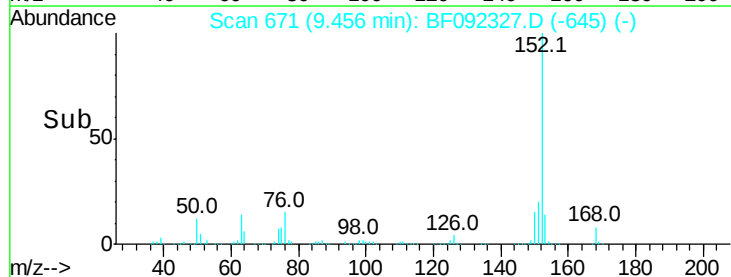
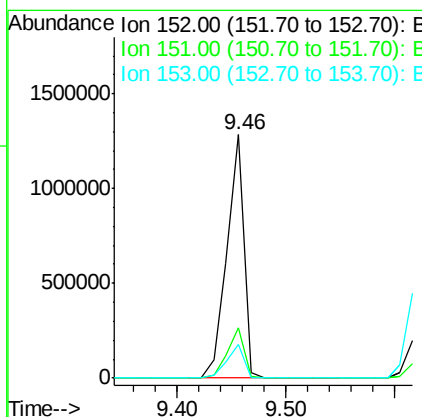
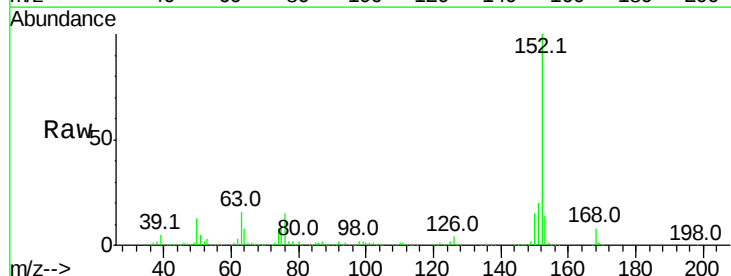
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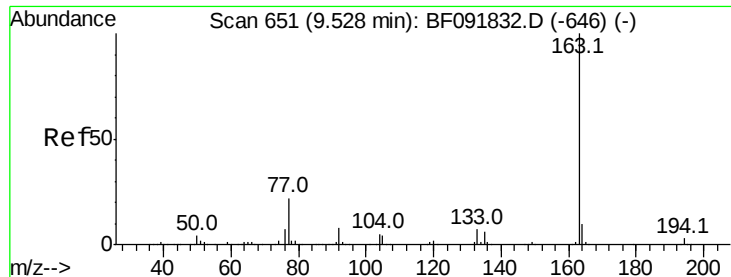
mohammad
1/18/2017 5:11:36 PM



#48
Acenaphthylene
Concen: 38.55 ng
RT: 9.46 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF092327.D
Acq: 17 Jan 2017 20:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.9	25.3
153	13.9	11.4	17.2





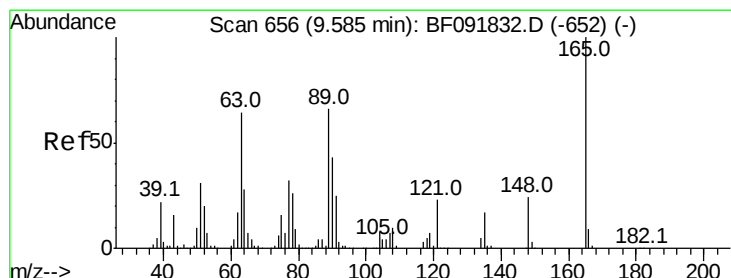
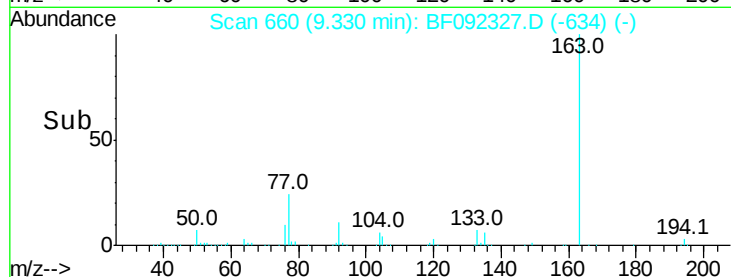
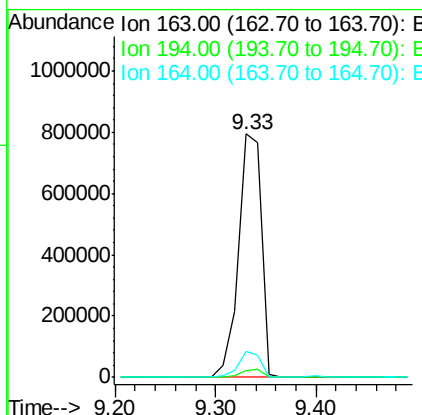
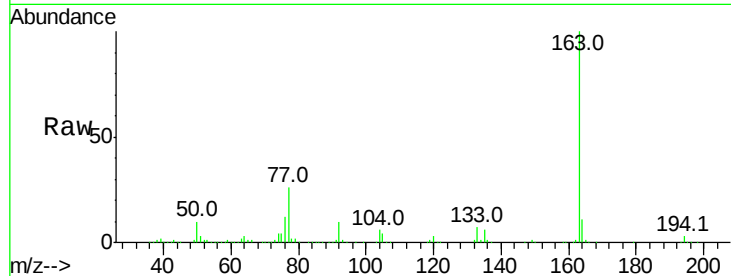
#49
Dimethylphthalate
Concen: 45.39 ng
RT: 9.33 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF092327.D
Acq: 17 Jan 2017 20:29

Instrument :
BNA_F
ClientSampleId :
B35MSD

Tot Ion:163 Resp: 1249225
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.4
164 10.7 8.0 12.0

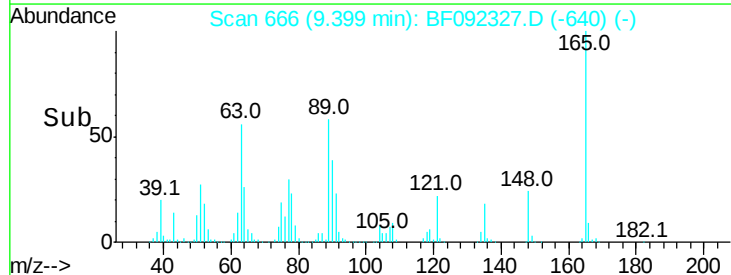
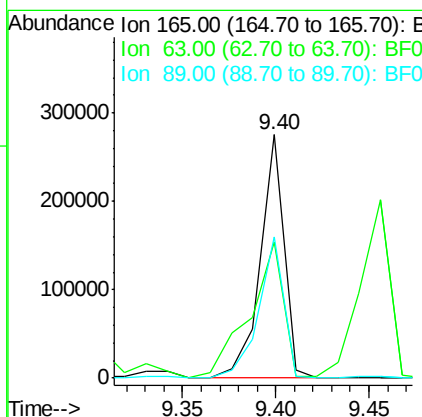
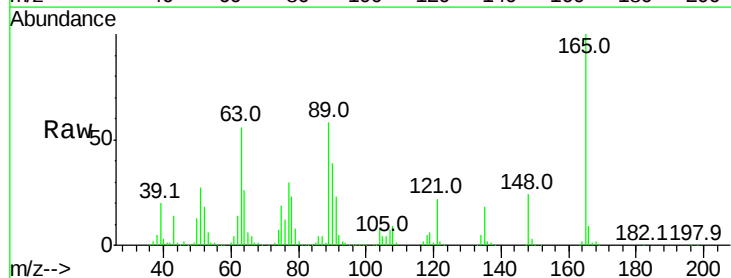
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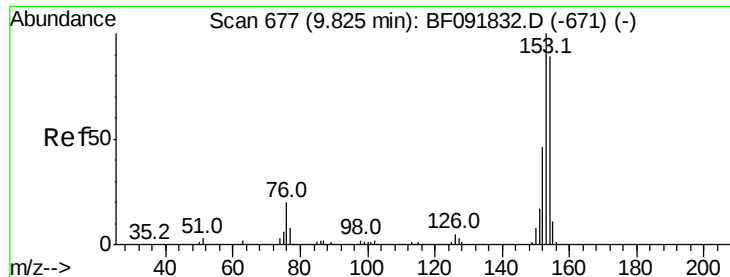
mohammad
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#50
2,6-Dinitrotoluene
Concen: 40.16 ng
RT: 9.40 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF092327.D
Acq: 17 Jan 2017 20:29

Tgt Ion:165 Resp: 241957
Ion Ratio Lower Upper
165 100
63 55.9 36.2 54.4#
89 58.2 40.2 60.4





#51

Acenaphthene

Concen: 37.15 ng

RT: 9.63 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

Instrument :

BNA_F

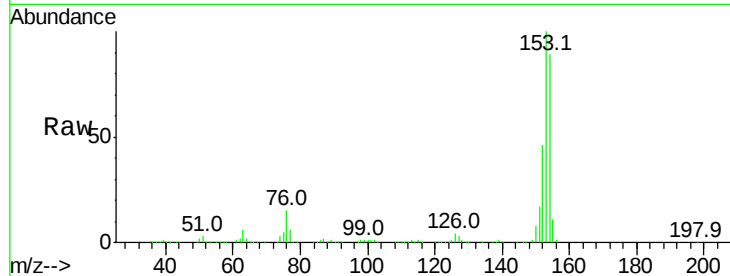
ClientSampleId :

B35MSD

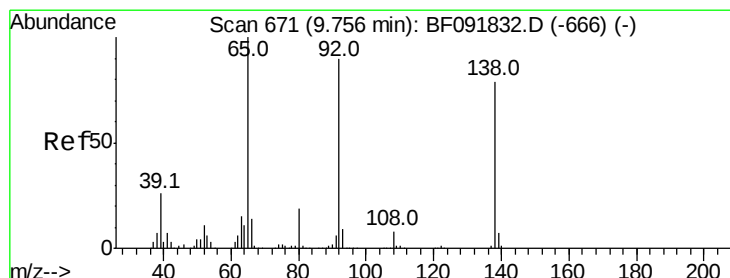
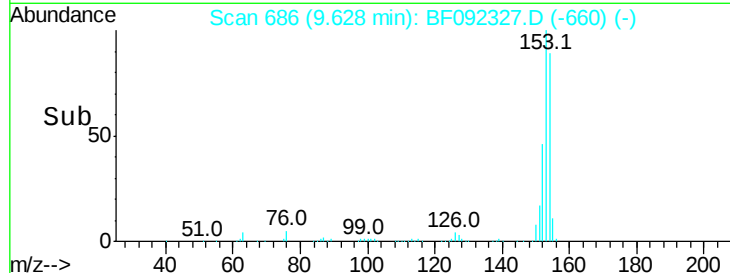
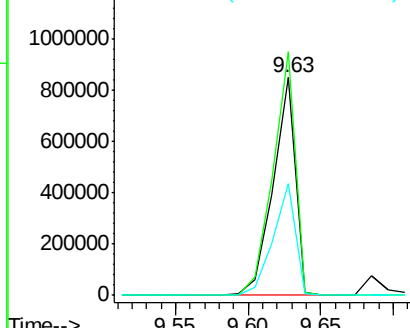
Tot Ion:	154	Resp:	903846
Ion Ratio	Lower	Upper	
154	100		
153	111.9	88.6	133.0
152	51.3	41.6	62.4

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



#52

3-Nitroaniline

Concen: 16.13 ng

RT: 9.56 min Scan# 680

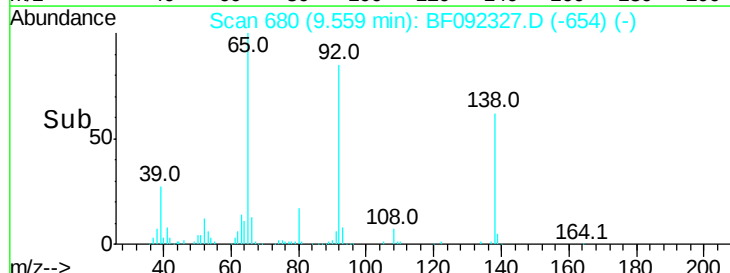
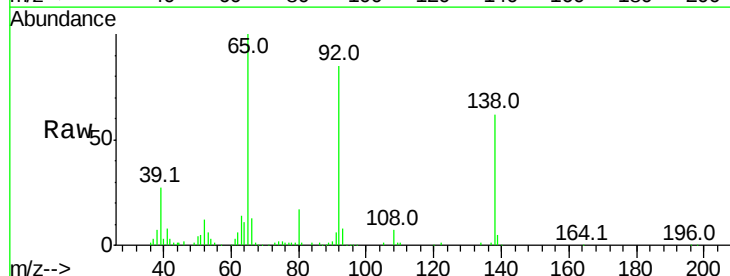
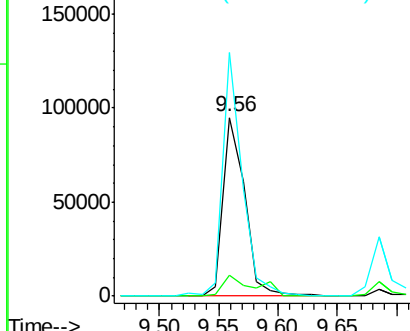
Delta R.T. 0.00 min

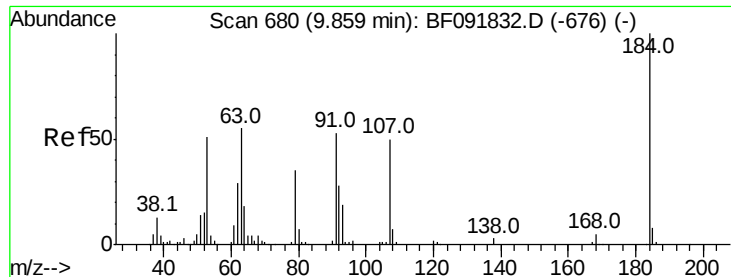
Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

Tgt Ion:	138	Resp:	120285
Ion Ratio	Lower	Upper	
138	100		
108	11.4	8.5	12.7
92	136.4	97.8	146.8

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





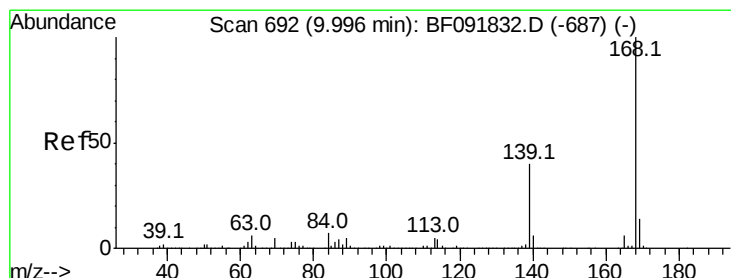
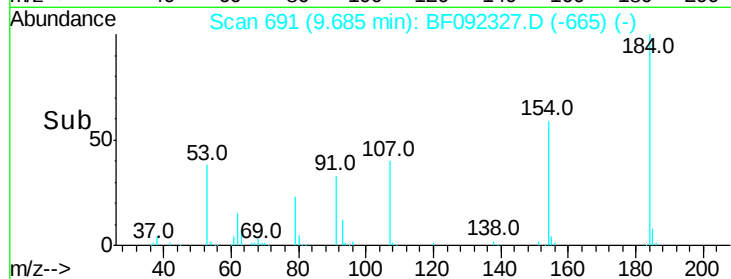
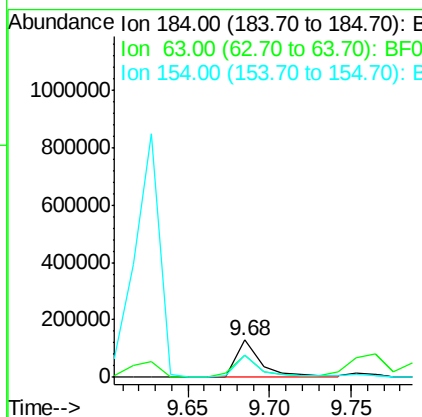
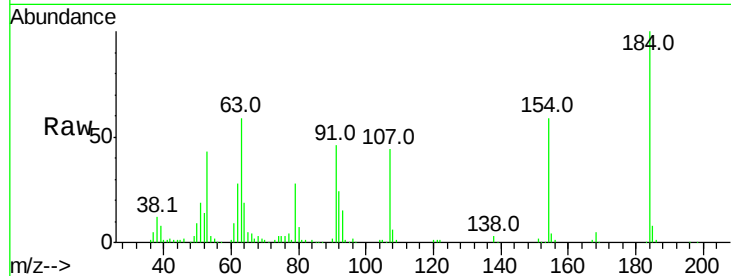
#53
 2,4-Dinitrophenol
 Concen: 43.52 ng
 RT: 9.68 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF092327.D
 Acq: 17 Jan 2017 20:29

Instrument :
 BNA_F
 ClientSampleId :
 B35MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	59.4	28.4	42.6#
154	59.4	44.3	66.5

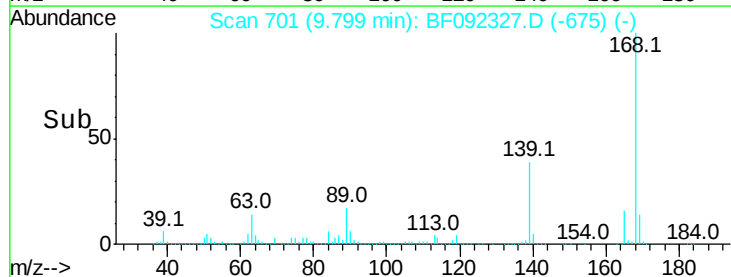
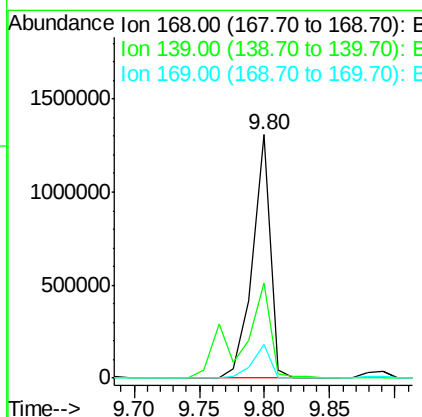
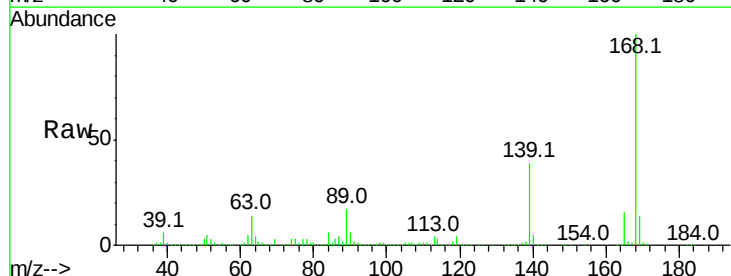
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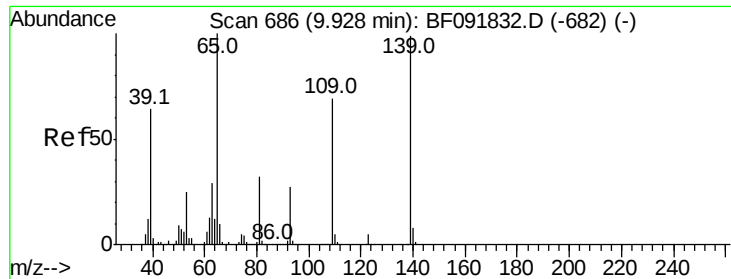
mohammad
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#54
 Dibenzofuran
 Concen: 37.99 ng
 RT: 9.80 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF092327.D
 Acq: 17 Jan 2017 20:29

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.2	32.6	49.0
169	13.7	11.3	16.9





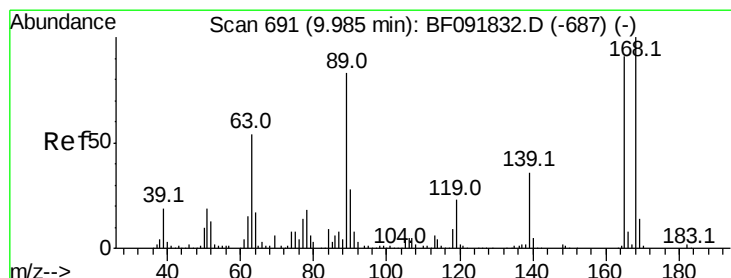
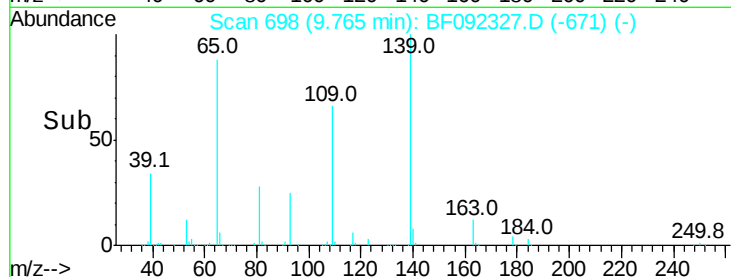
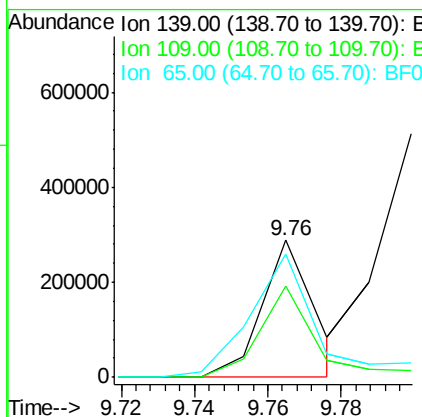
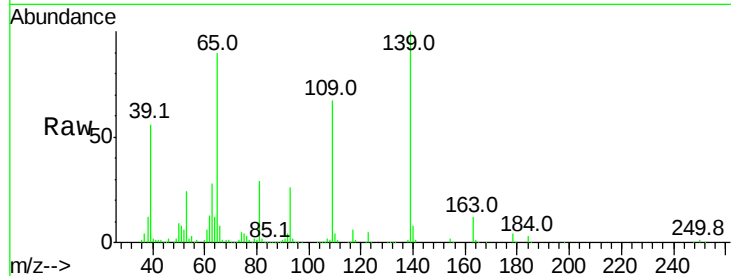
#55
4-Nitrophenol
Concen: 56.39 ng/mL
RT: 9.76 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF092327.D
Acq: 17 Jan 2017 20:29

Instrument :
BNA_F
ClientSampleId :
B35MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	66.8	52.2	92.2
65	89.9	85.8	125.8

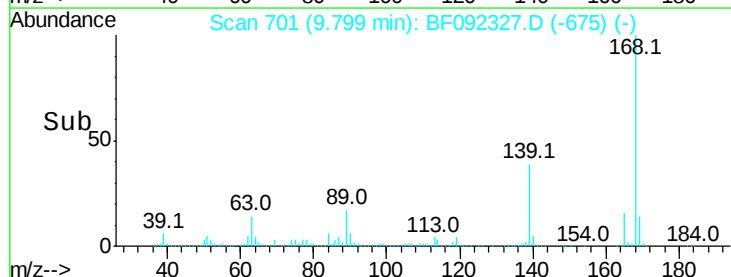
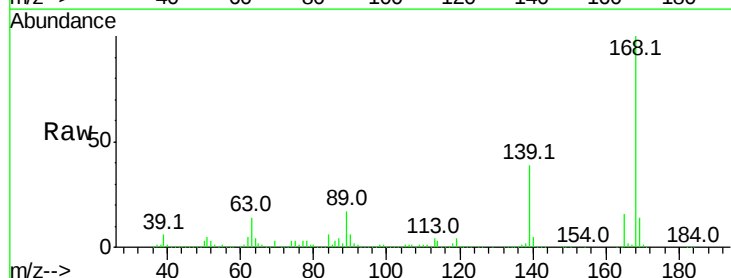
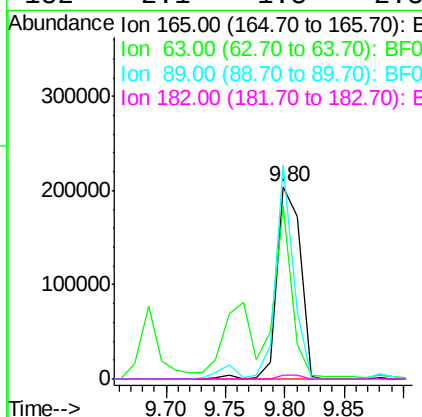
Manual Integrations
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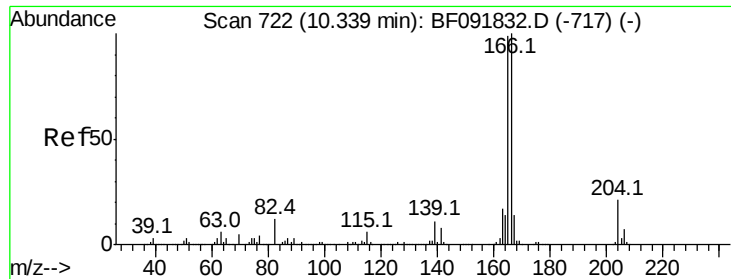
mohammad
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#56
2,4-Dinitrotoluene
Concen: 36.66 ng/mL
RT: 9.80 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF092327.D
Acq: 17 Jan 2017 20:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	89.8	40.2	60.4#
89	111.1	62.5	93.7#
182	2.1	1.8	2.8





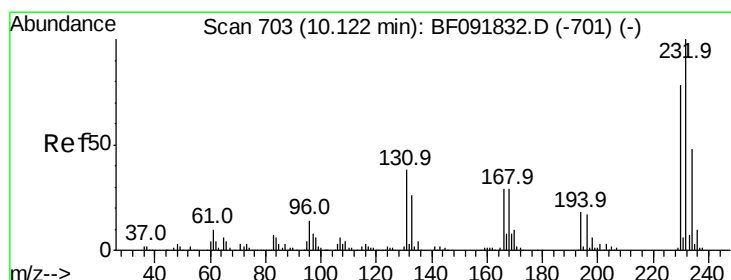
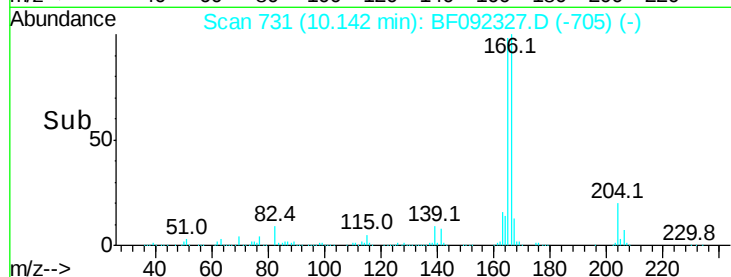
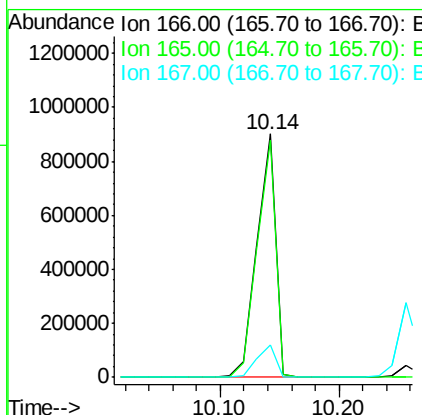
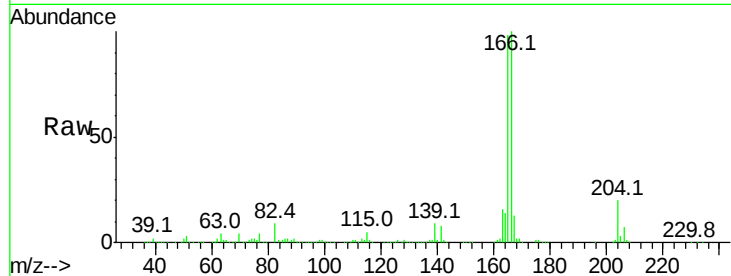
#57
Fluorene
 Concen: 41.69 ng
 RT: 10.14 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF092327.D
 Acq: 17 Jan 2017 20:29

Instrument :
 BNA_F
 ClientSampleId :
 B35MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	996493		
165	97.5	77.8	116.8	
167	13.4	10.8	16.2	

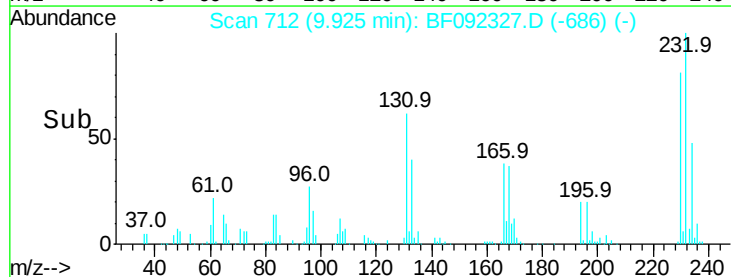
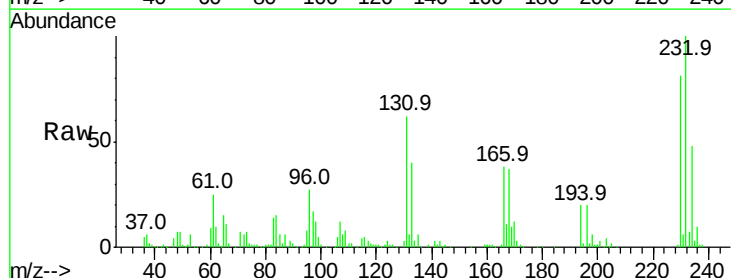
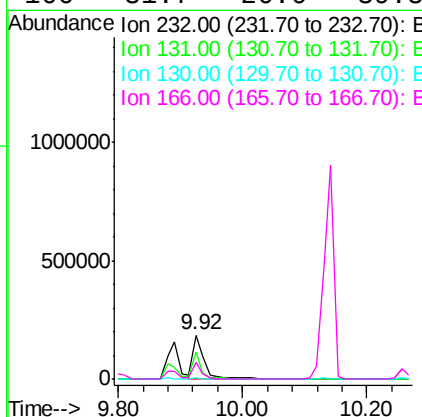
Manual Integrations
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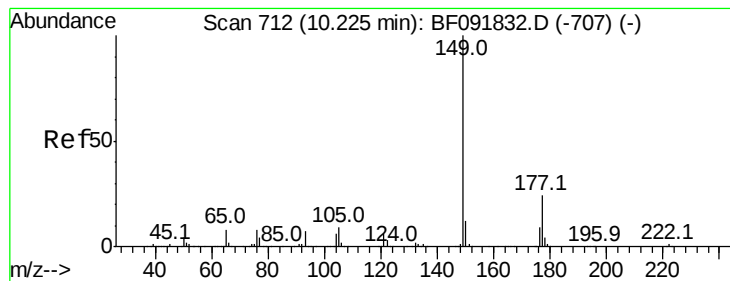
mohammad
 1/18/2017 5:11:36 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 36.81 ng
 RT: 9.92 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF092327.D
 Acq: 17 Jan 2017 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	227830		
131	51.6	40.1	60.1	
130	2.4	1.8	2.8	
166	31.7	26.6	39.8	





#59

Diethylphthalate

Concen: 37.63 ng

RT: 10.03 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

Instrument :

BNA_F

ClientSampled :

B35MSD

Tot Ion:149 Resp: 1005841

Ion Ratio Lower Upper

149 100

177 19.7 16.6 25.0

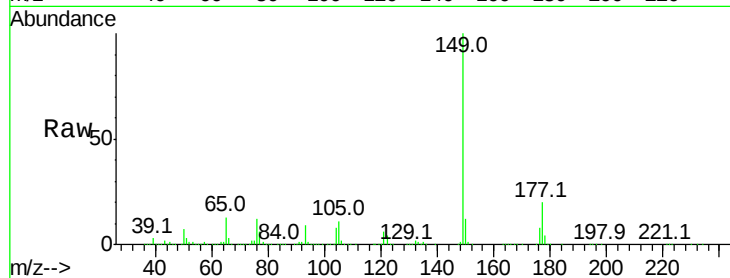
150 12.5 10.4 15.6

Manual Integrations

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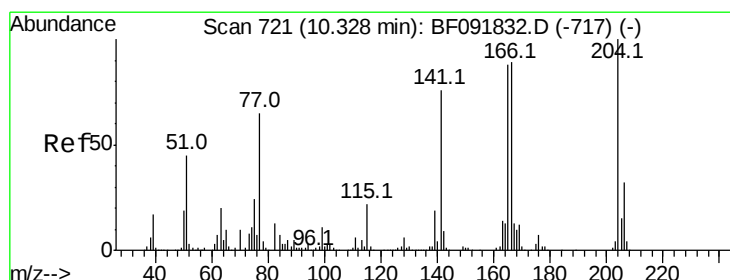
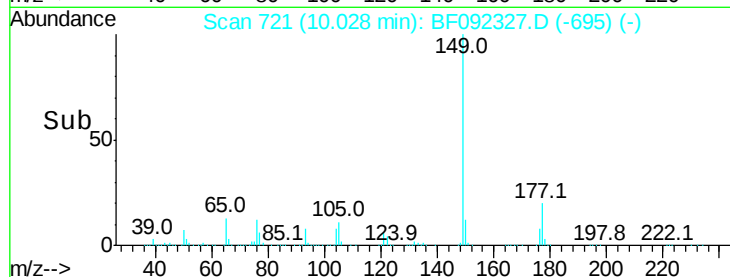
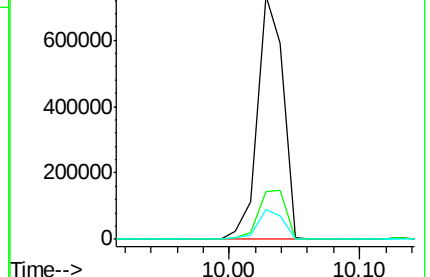
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.00 ng

RT: 10.13 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

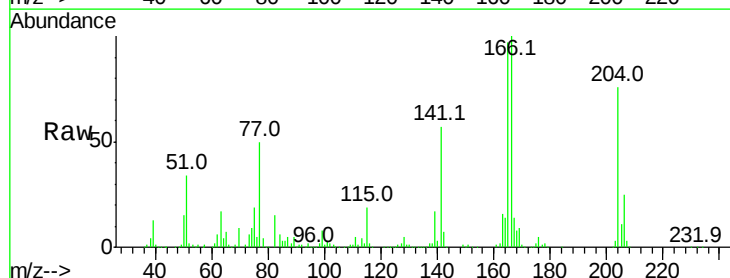
Tgt Ion:204 Resp: 397747

Ion Ratio Lower Upper

204 100

206 32.9 25.8 38.6

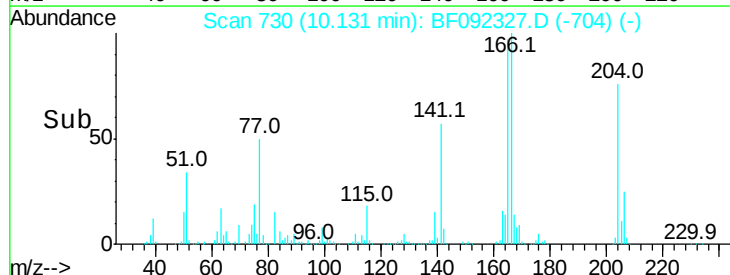
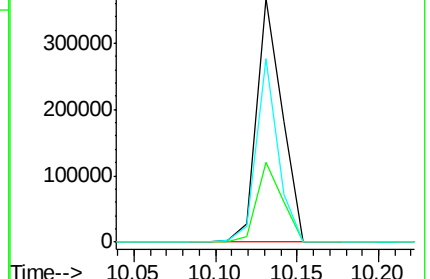
141 75.1 59.4 89.0

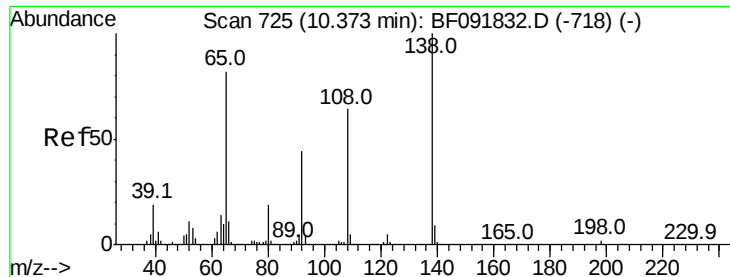


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





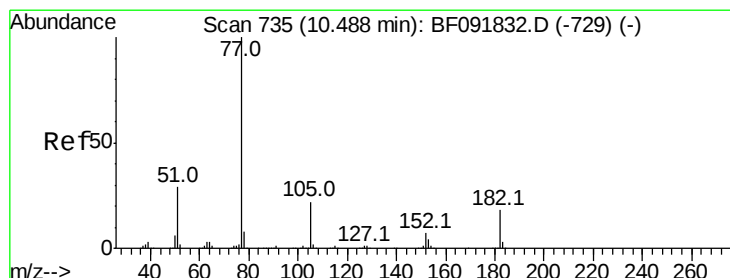
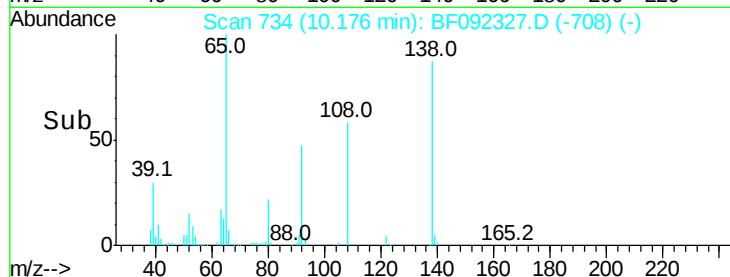
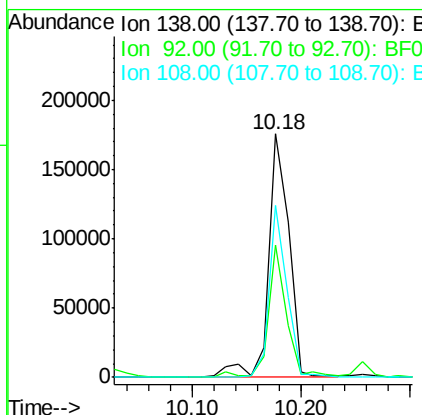
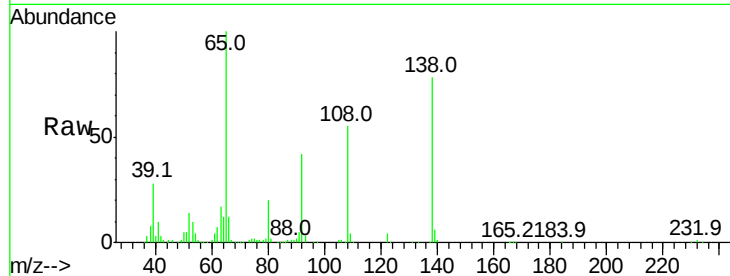
#61
4-Nitroaniline
Concen: 29.90 ng
RT: 10.18 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF092327.D
Acq: 17 Jan 2017 20:29

Instrument :
BNA_F
ClientSampled :
B35MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.1	31.7	71.7
108	70.8	52.6	92.6

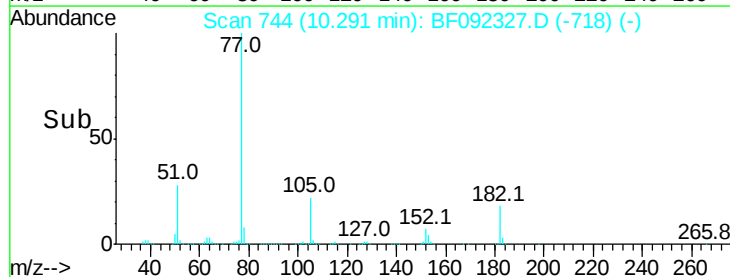
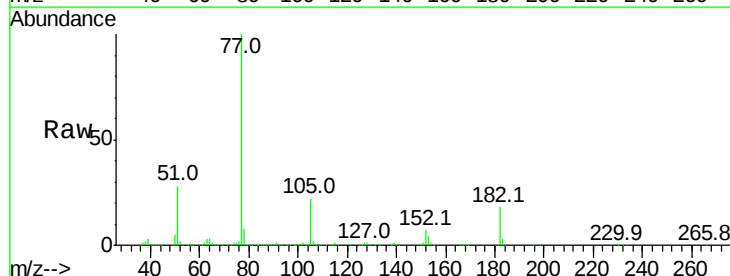
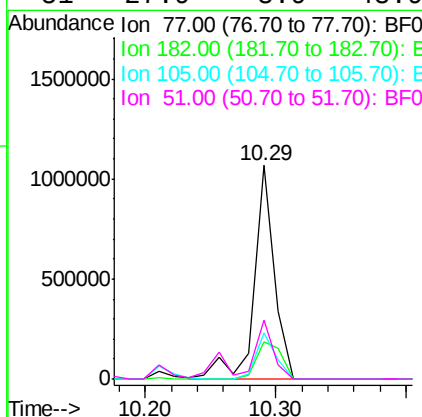
Manual Integrations
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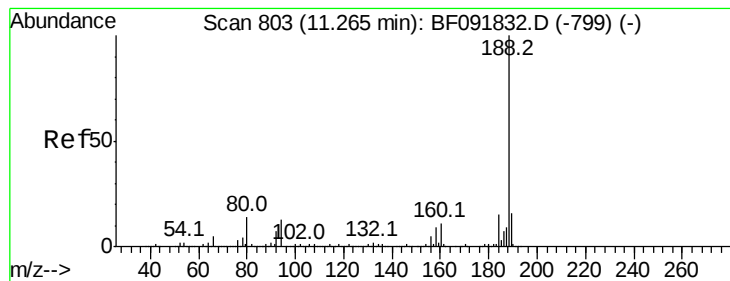
mohammad
1/18/2017 5:11:36 PM



#62
Azobenzene
Concen: 39.39 ng
RT: 10.29 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF092327.D
Acq: 17 Jan 2017 20:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.6	0.0	39.3
105	21.8	2.3	42.3
51	27.9	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

Instrument :

BNA_F

ClientSampleId :

B35MSD

Tot Ion:188 Resp: 661210

Ion Ratio Lower Upper

188 100

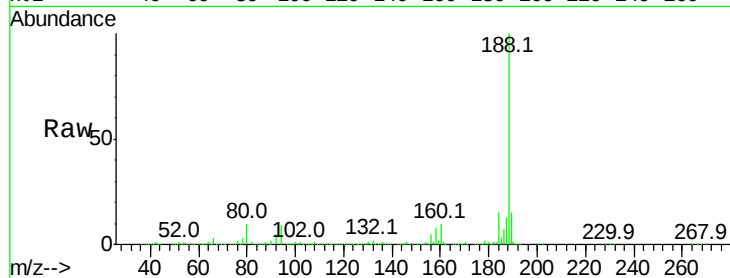
94 9.2 10.0 15.0#

80 10.1 11.2 16.8#

Manual Integrations
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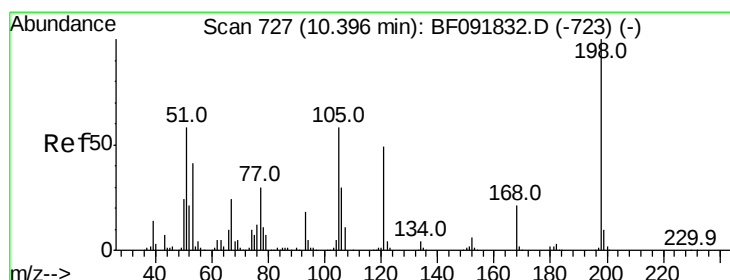
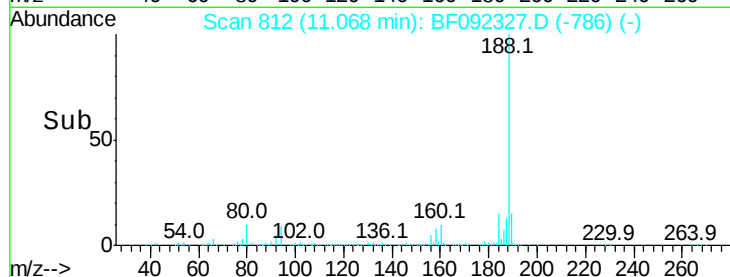
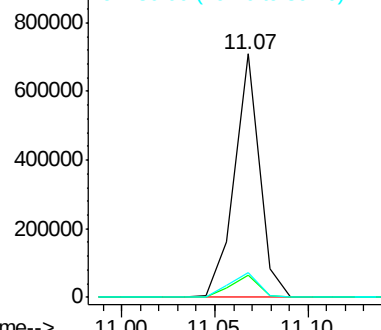
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 35.02 ng

RT: 10.21 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

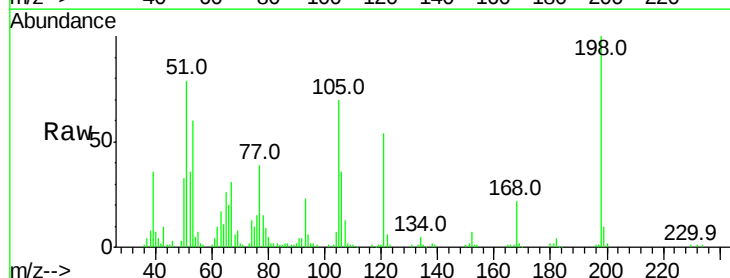
Tgt Ion:198 Resp: 140014

Ion Ratio Lower Upper

198 100

51 78.8 6.7 46.7#

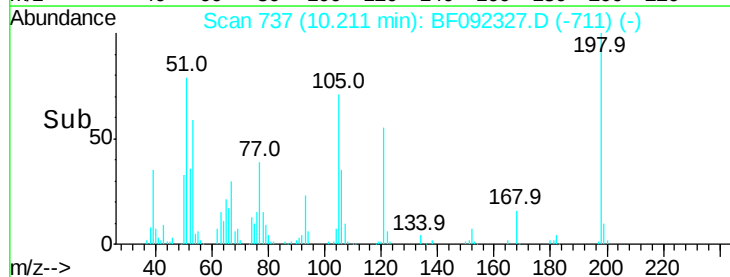
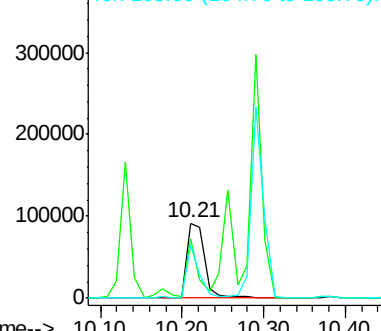
105 69.8 16.6 56.6#

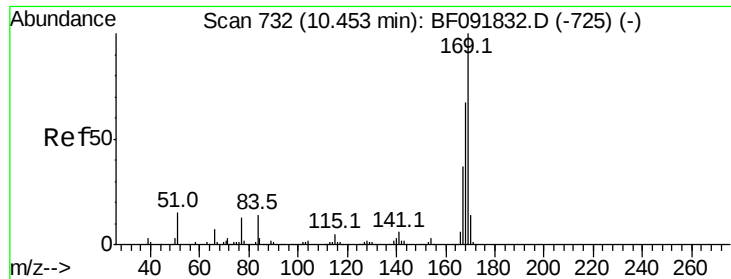


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





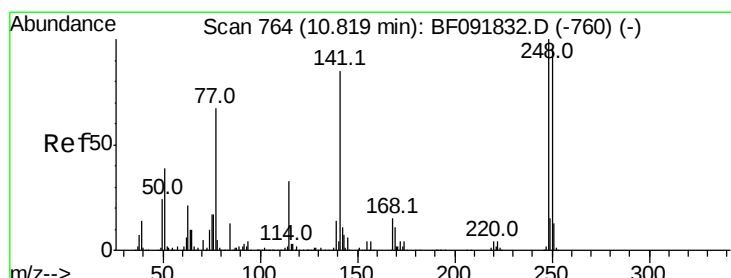
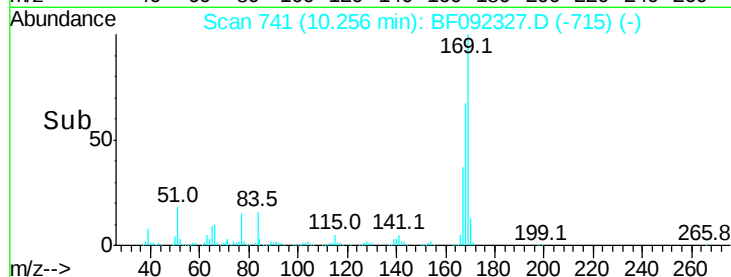
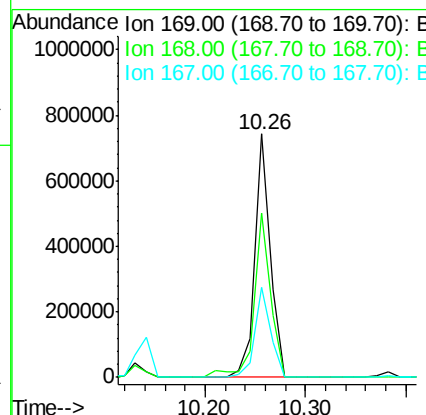
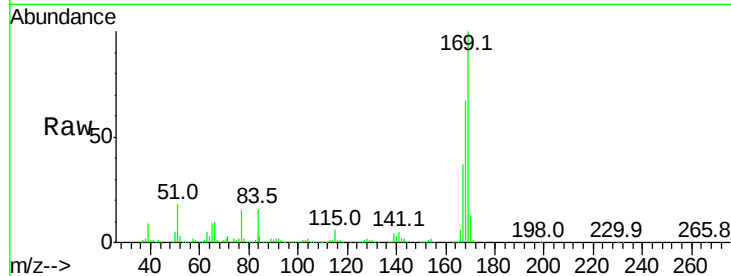
#65
n-Nitrosodiphenylamine
Concen: 40.53 ng
RT: 10.26 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF092327.D
Acq: 17 Jan 2017 20:29

Instrument :
BNA_F
ClientSampled :
B35MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	795258		
168	67.3		54.2	81.2
167	36.9		30.2	45.4

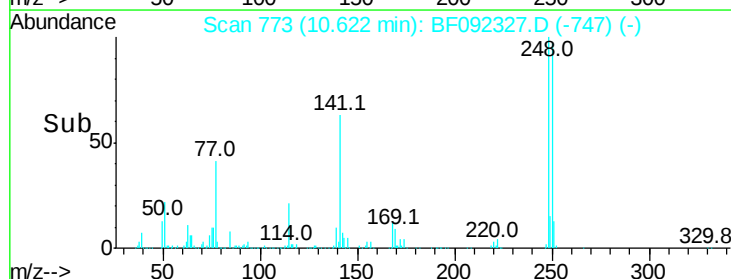
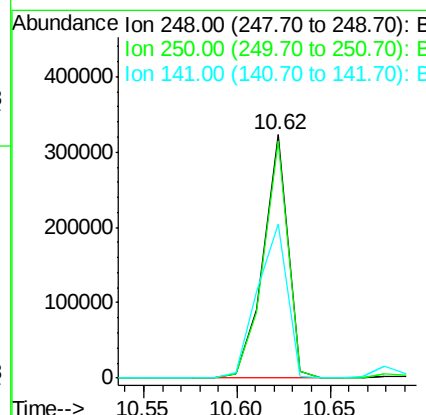
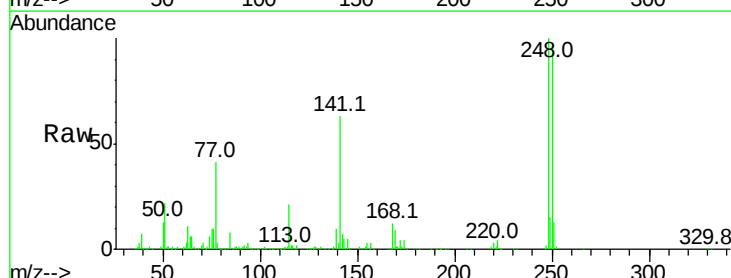
Manual Integrations
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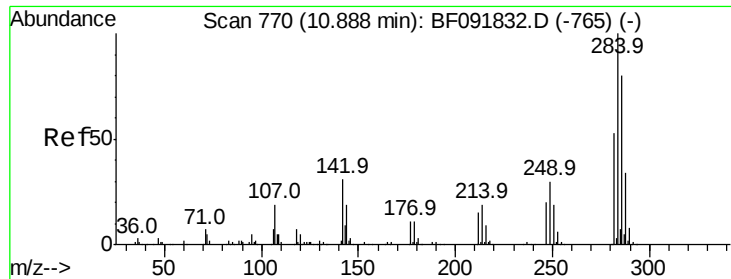
mohammad
1/18/2017 5:11:36 PM



#66
4-Bromophenyl-phenylether
Concen: 42.81 ng
RT: 10.62 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF092327.D
Acq: 17 Jan 2017 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	294474		
250	97.2		76.9	115.3
141	63.1		68.2	102.4#





#67

Hexachlorobenzene

Concen: 39.24 ng

RT: 10.69 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

Instrument :

BNA_F

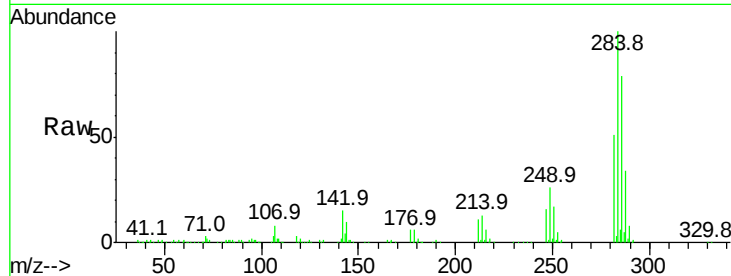
ClientSampleId :

B35MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	288455		
142	15.4	22.6	33.8#	
249	26.5	25.4	38.0	

Manual Integrations
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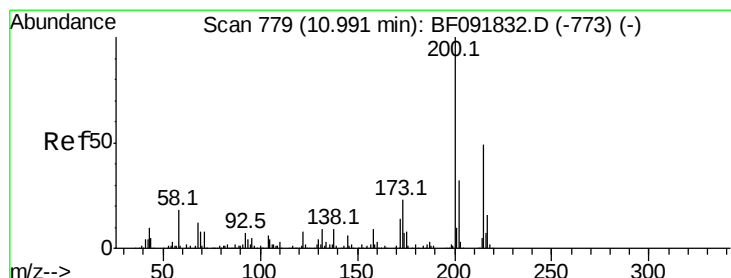
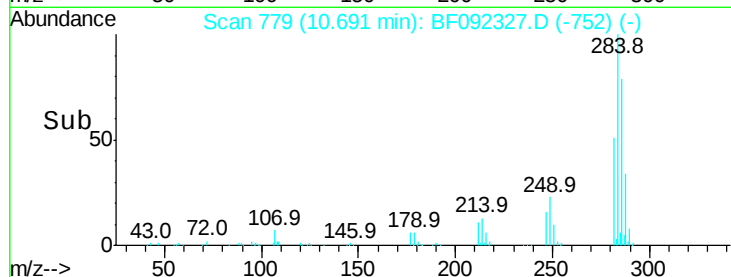
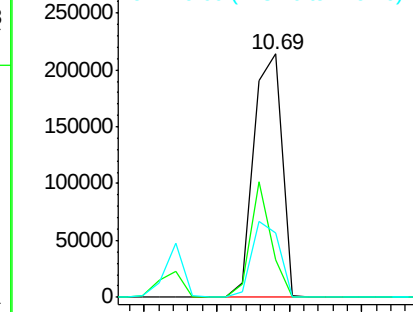
mohammad
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.73 ng

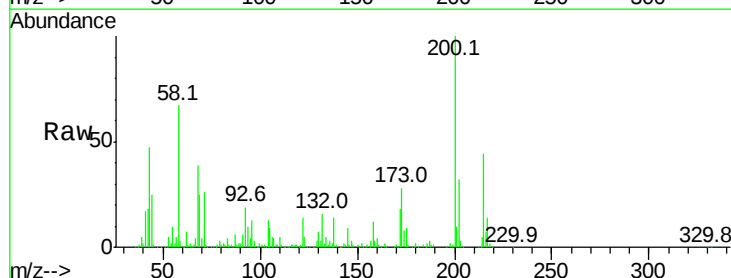
RT: 10.79 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

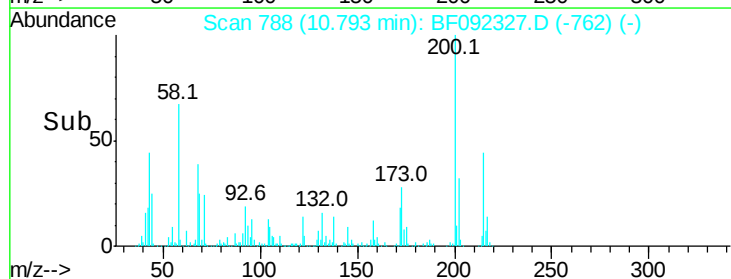
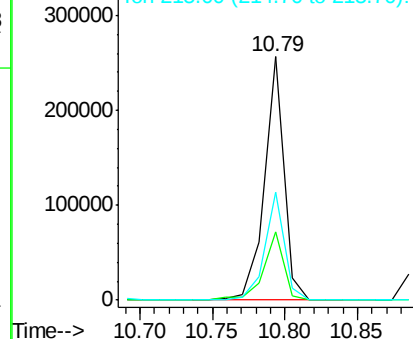
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	238819		
173	28.1	9.6	49.6	
215	44.3	25.7	65.7	



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





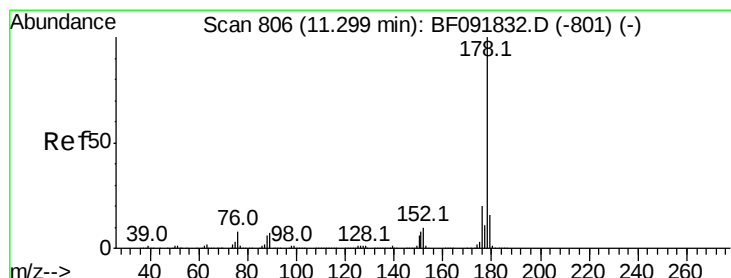
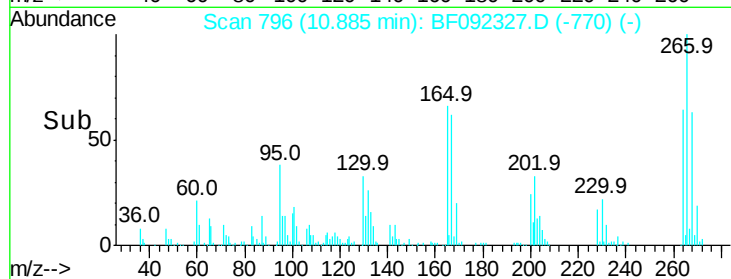
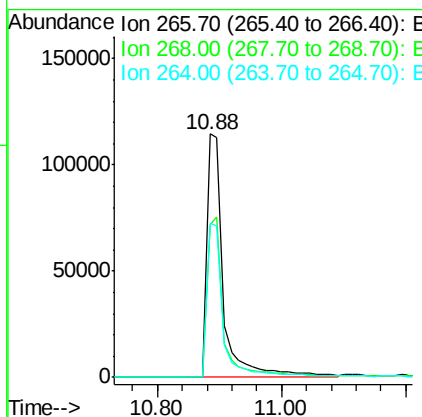
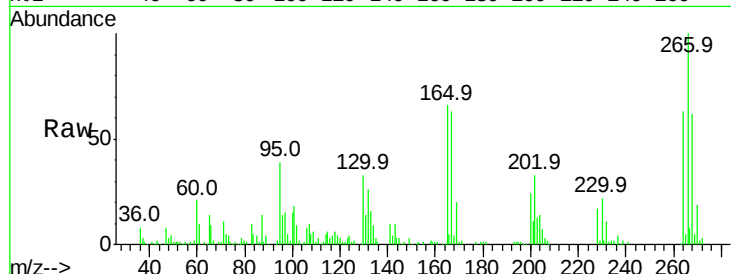
#69
 Pentachlorophenol
 Concen: 58.98 ng
 RT: 10.88 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF092327.D
 Acq: 17 Jan 2017 20:29

Instrument :
 BNA_F
 ClientSampled :
 B35MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	212766		
268	62.5	53.3	79.9	
264	63.4	50.3	75.5	

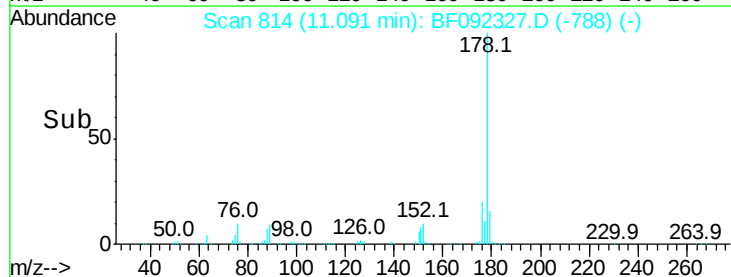
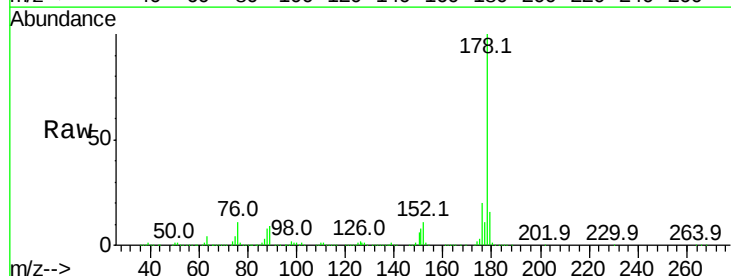
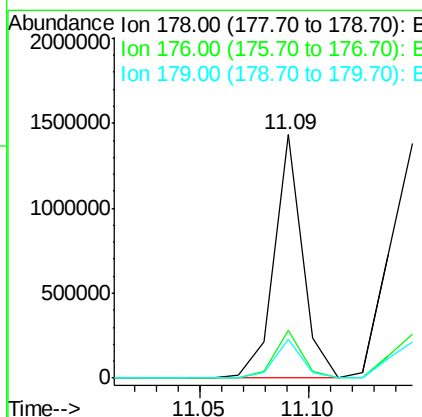
Manual Integrations
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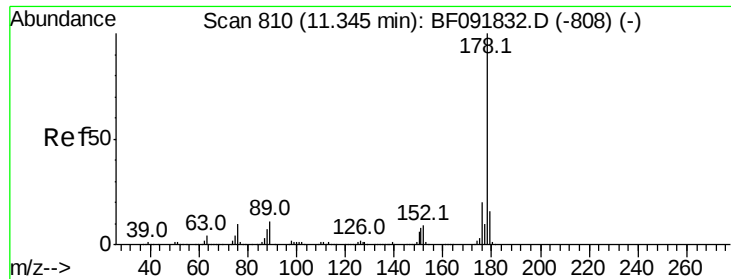
mohammad
 1/18/2017 5:11:36 PM



#70
 Phenanthrene
 Concen: 36.40 ng
 RT: 11.09 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF092327.D
 Acq: 17 Jan 2017 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1304903		
176	19.8	16.6	25.0	
179	15.9	12.8	19.2	





#71
 Anthracene
 Concen: 47.90 ng
 RT: 11.15 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF092327.D
 Acq: 17 Jan 2017 20:29

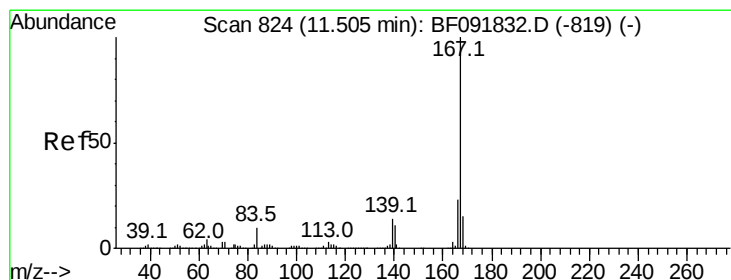
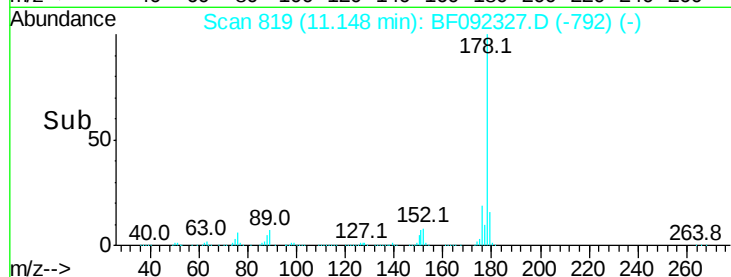
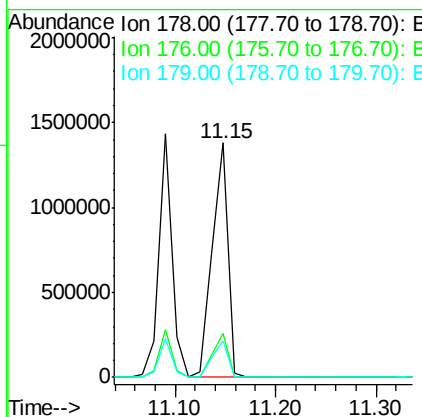
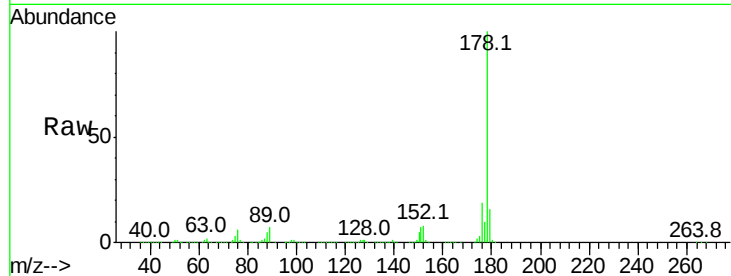
Instrument :
 BNA_F
 ClientSampleId :
 B35MSD

Tot Ion:178 Resp: 1489293

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.9	23.9
179	15.7	13.2	19.8

Manual Integrations
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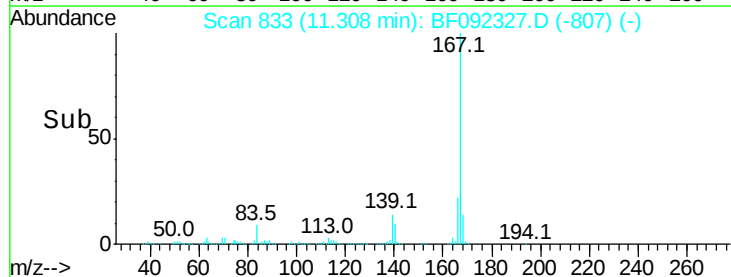
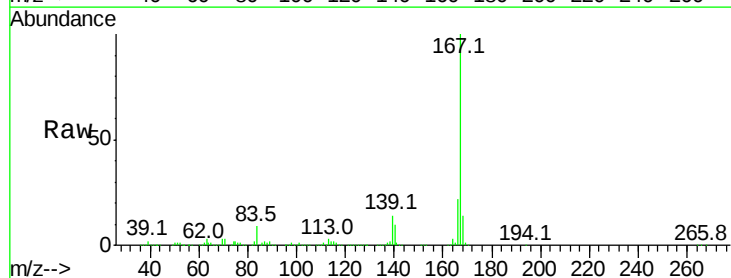
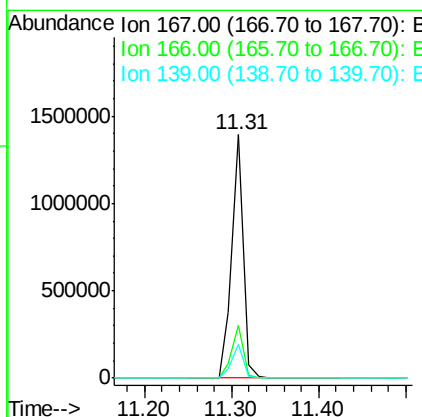
mohammad
 1/18/2017 5:11:36 PM

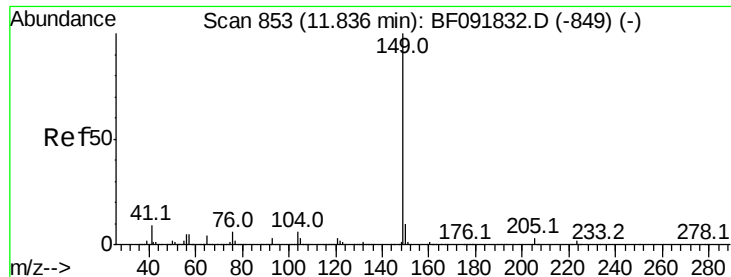


#72
 Carbazole
 Concen: 42.33 ng
 RT: 11.31 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF092327.D
 Acq: 17 Jan 2017 20:29

Tgt Ion:167 Resp: 1282977

Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.2	27.2
139	13.6	11.4	17.2





#73

Di-n-butylphthalate

Concen: 48.07 ng

RT: 11.65 min Scan# 863

Delta R.T. 0.01 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

Instrument :

BNA_F

ClientSampleId :

B35MSD

Tot Ion:149 Resp: 1623410

Ion Ratio Lower Upper

149 100

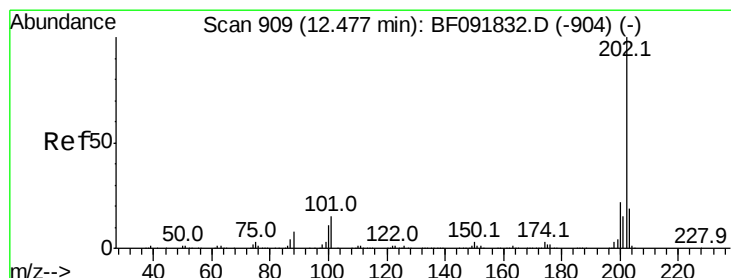
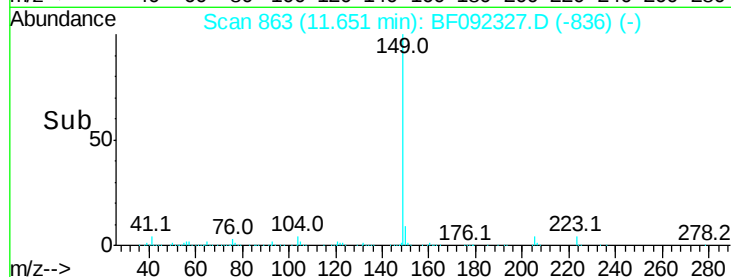
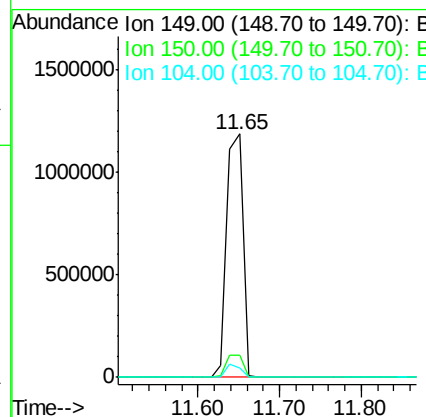
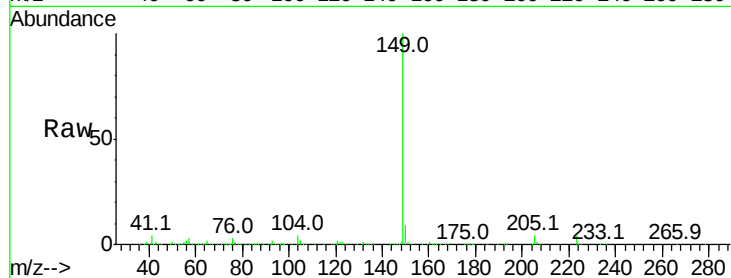
150 9.2 8.1 12.1

104 3.8 4.6 7.0#

Manual Integrations
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mohammad

1/18/2017 5:11:36 PM



#74

Fluoranthene

Concen: 41.23 ng

RT: 12.27 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

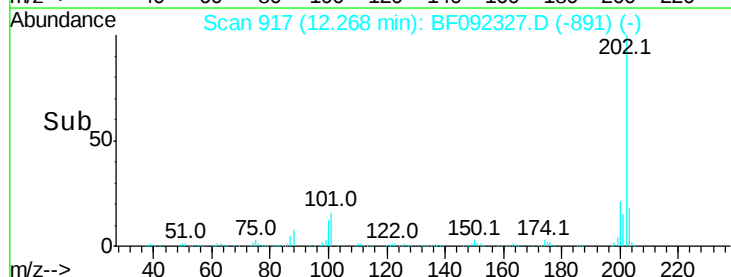
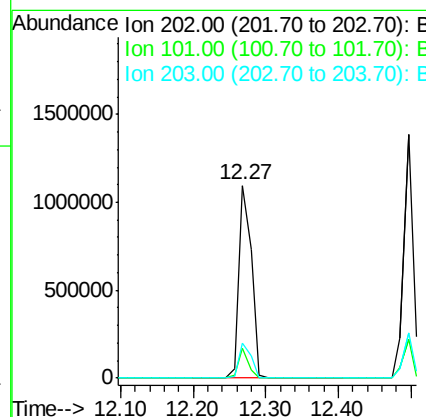
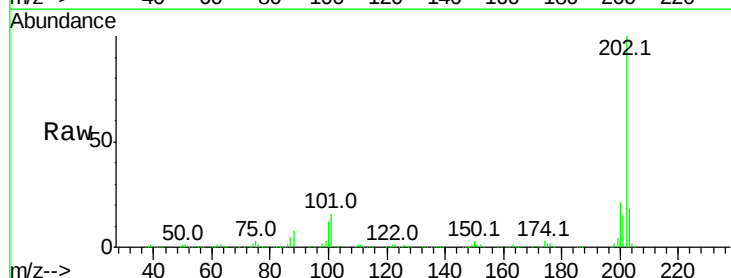
Tgt Ion:202 Resp: 1307107

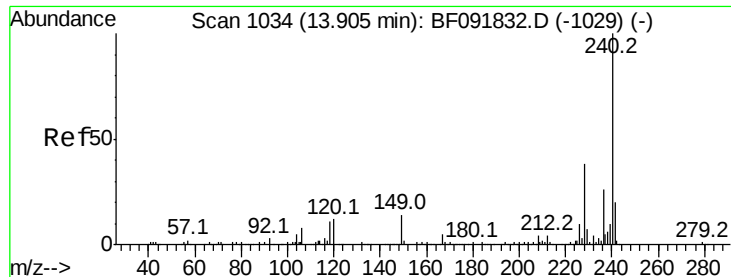
Ion Ratio Lower Upper

202 100

101 15.7 0.0 34.6

203 18.3 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

Instrument :

BNA_F

ClientSampleId :

B35MSD

Tot Ion:240 Resp: 428875
Ion Ratio Lower Upper

240 100

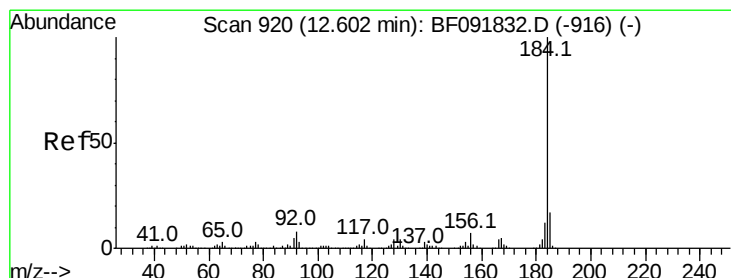
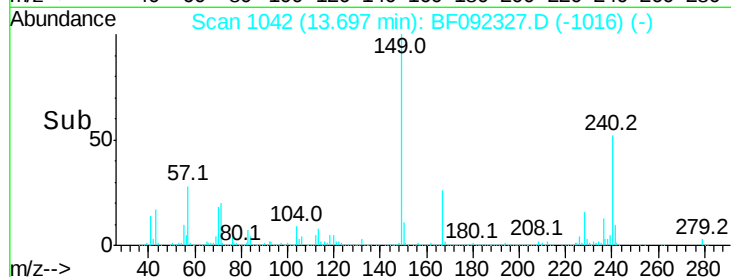
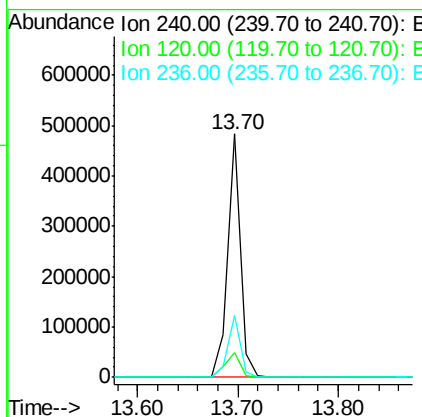
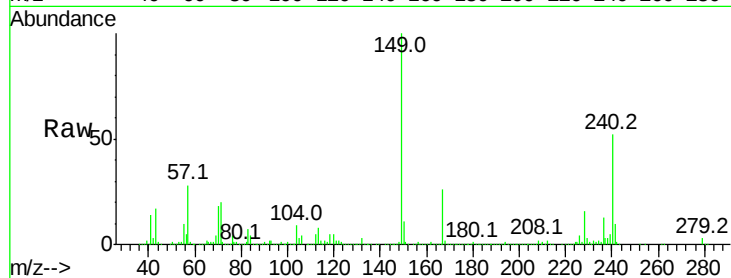
120 10.4 12.9 19.3#

236 25.5 20.9 31.3

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#76

Benzidine

Concen: 40.79 ng

RT: 12.41 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF092327.D

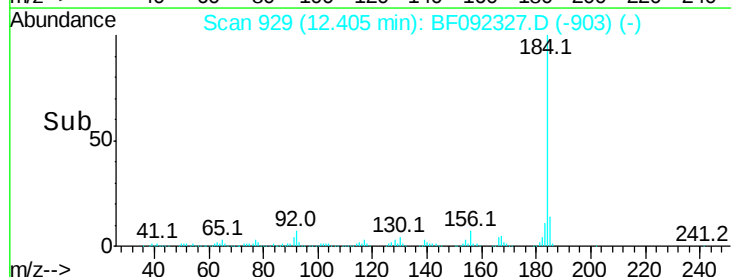
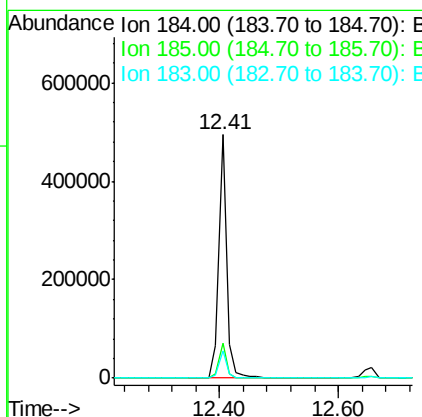
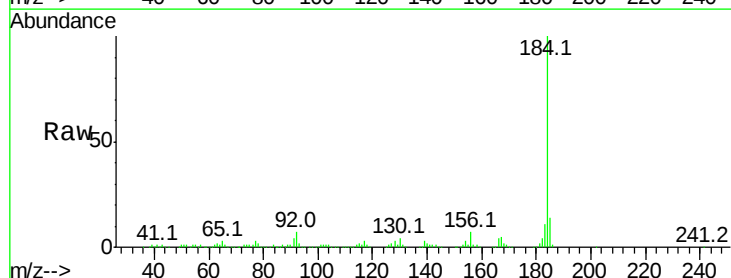
Acq: 17 Jan 2017 20:29

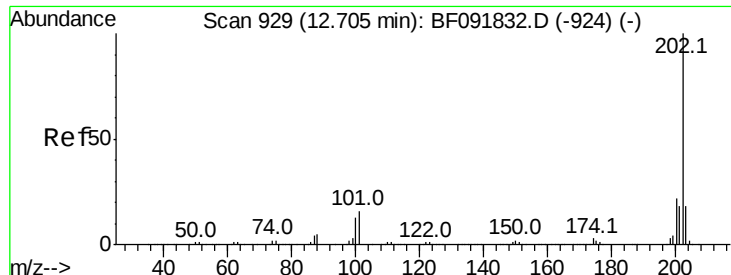
Tgt Ion:184 Resp: 455154
Ion Ratio Lower Upper

184 100

185 14.2 13.4 20.0

183 11.1 9.2 13.8





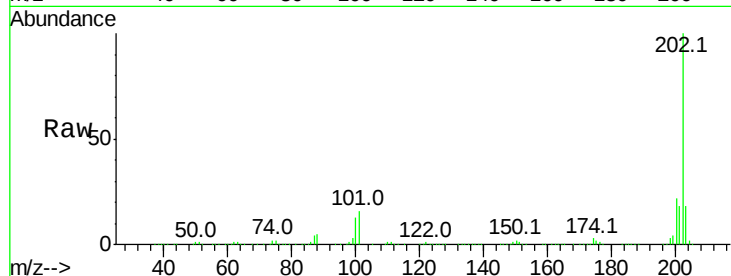
#77
 Pvrene
 Concen: 40.66 ng
 RT: 12.50 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF092327.D
 Acq: 17 Jan 2017 20:29

Instrument :
 BNA_F
 ClientSampleId :
 B35MSD

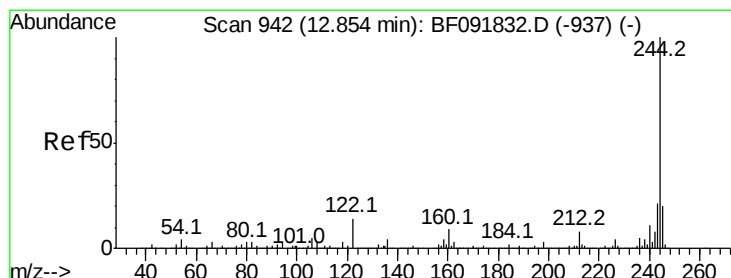
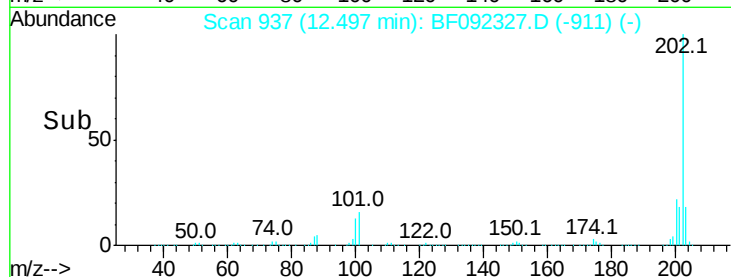
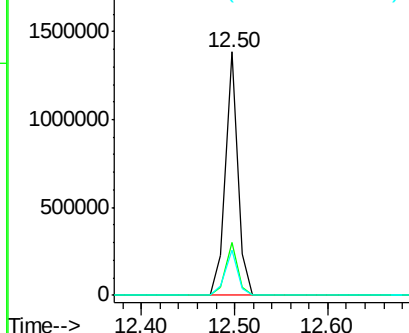
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	18.4	14.7	22.1

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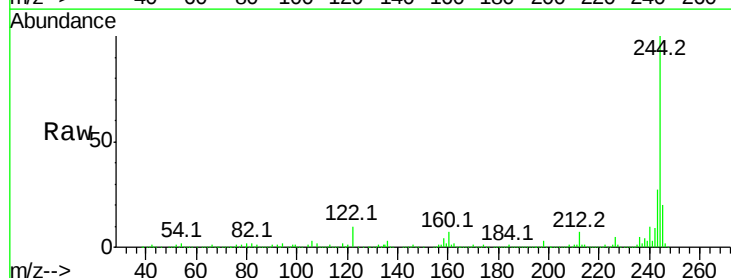


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

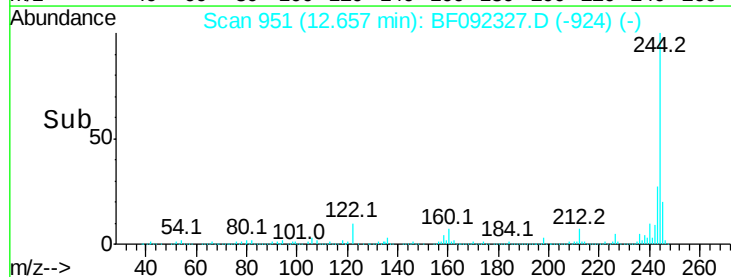
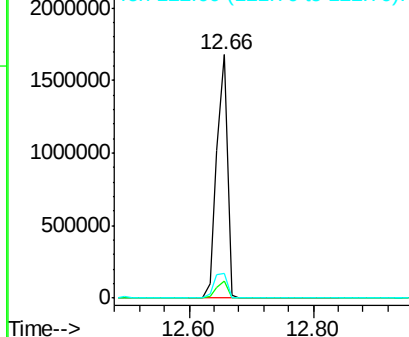


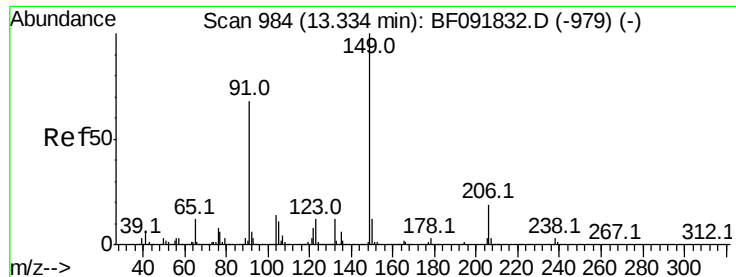
#78
 Terphenyl-d14
 Concen: 109.88 ng
 RT: 12.66 min Scan# 951
 Delta R.T. 0.01 min
 Lab File: BF092327.D
 Acq: 17 Jan 2017 20:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	10.2	11.4	17.2#



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





#79

Butylbenzylphthalate

Concen: 45.38 ng

RT: 13.14 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

Instrument :

BNA_F

ClientSampled :

B35MSD

Tot Ion:149 Resp: 649400
Ion Ratio Lower Upper

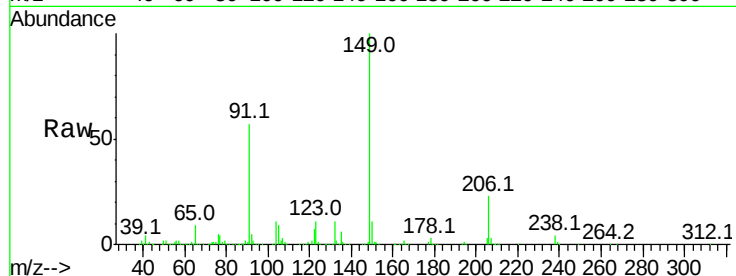
149 100

91 57.0 63.9 95.9#

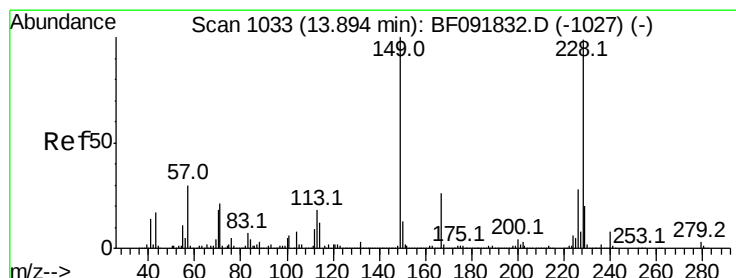
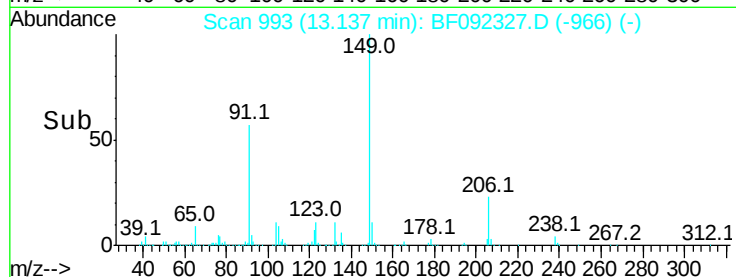
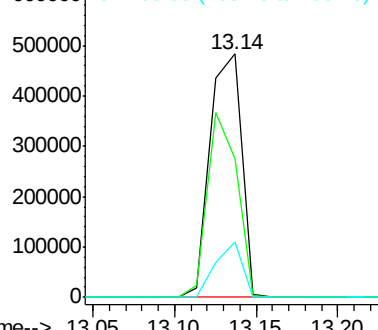
206 22.7 14.6 21.8#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.91 ng

RT: 13.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092327.D

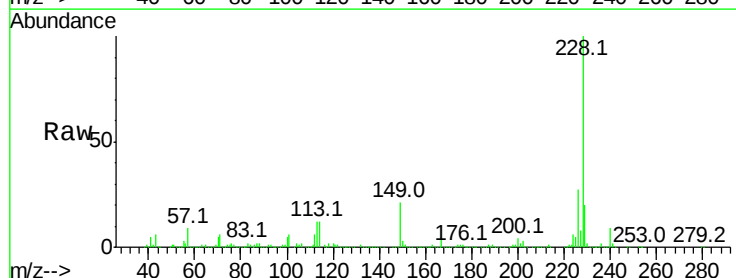
Acq: 17 Jan 2017 20:29

Tgt Ion:228 Resp: 1063082
Ion Ratio Lower Upper

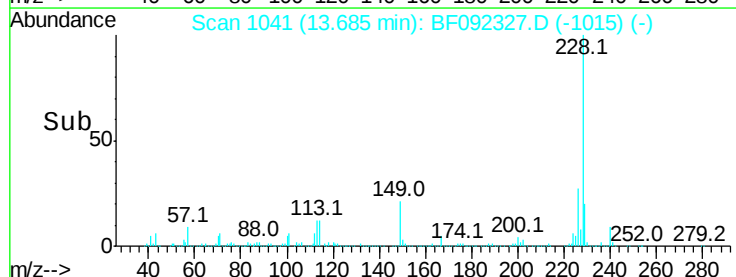
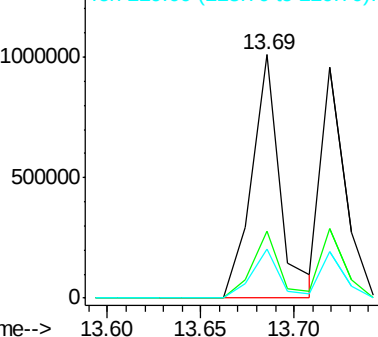
228 100

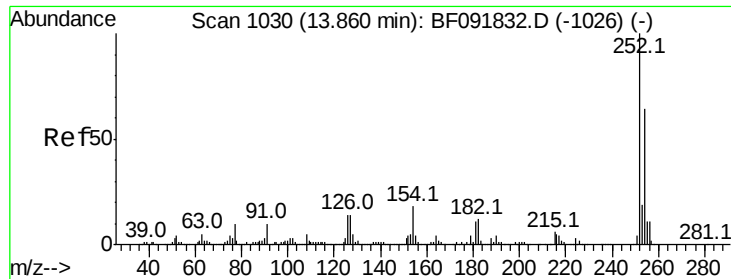
226 27.4 22.4 33.6

229 20.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





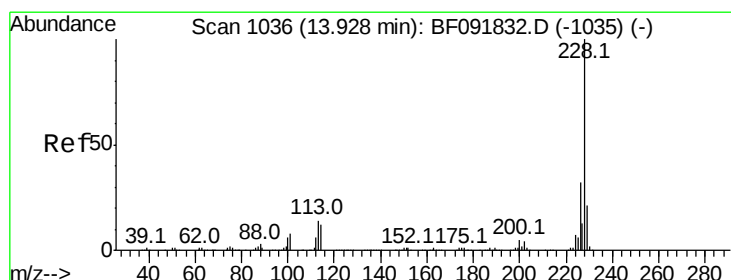
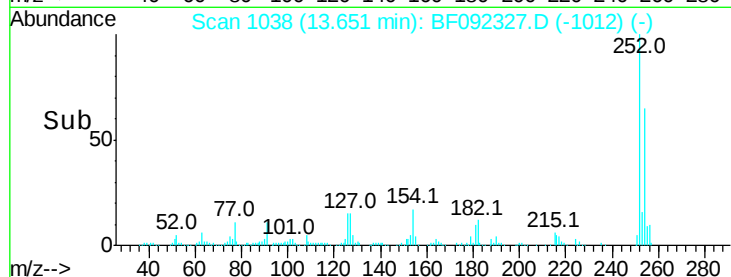
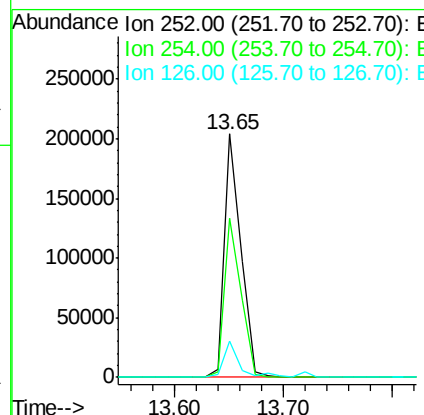
#81
 3,3'-Dichlorobenzidine
 Concen: 23.51 ng
 RT: 13.65 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF092327.D
 Acq: 17 Jan 2017 20:29

Instrument :
 BNA_F
 ClientSampled :
 B35MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	215833		
254	65.3	52.3	78.5	
126	15.1	13.6	20.4	

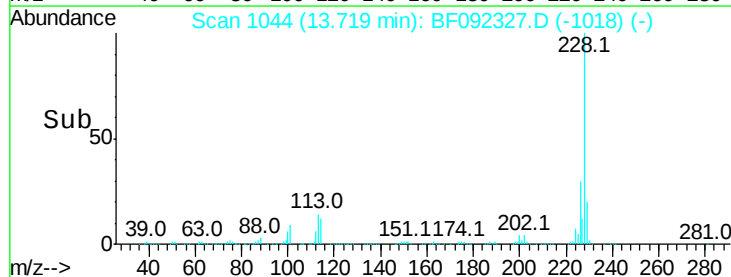
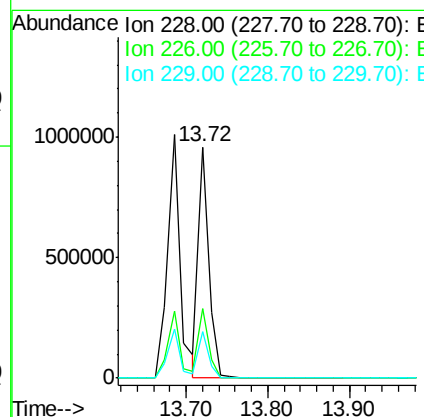
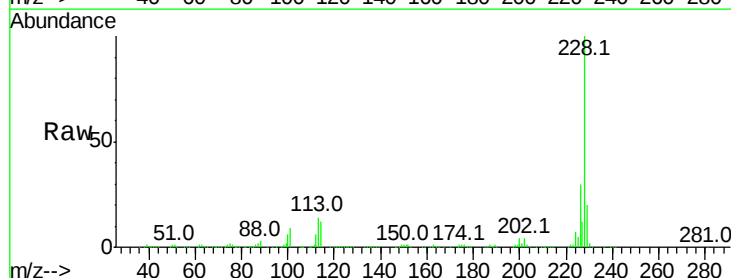
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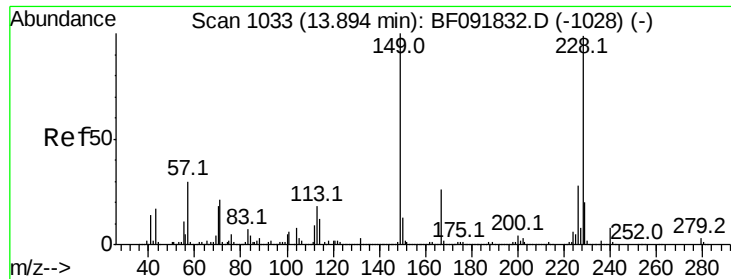
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#82
 Chrysene
 Concen: 35.49 ng
 RT: 13.72 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF092327.D
 Acq: 17 Jan 2017 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	861878		
226	30.1	25.4	38.0	
229	20.3	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.25 ng

RT: 13.70 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

Instrument :

BNA_F

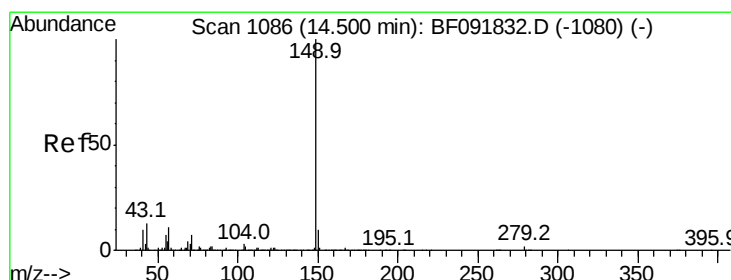
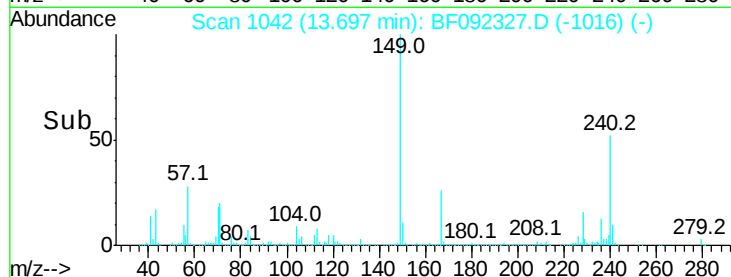
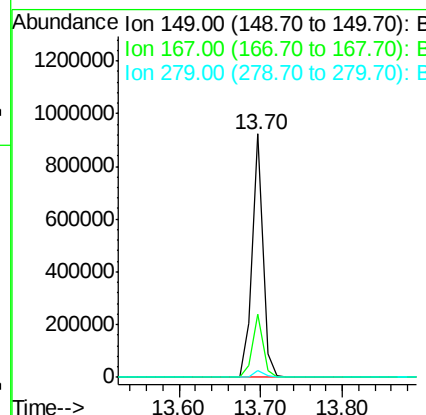
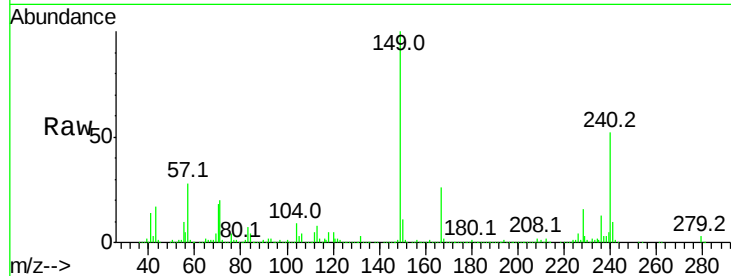
ClientSampleId :

B35MSD

Tot Ion:	149	Resp:	846947
Ion Ratio	Lower	Upper	
149	100		
167	26.1	20.2	30.4
279	2.6	1.8	2.8

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#84

Di-n-octyl phthalate

Concen: 43.26 ng

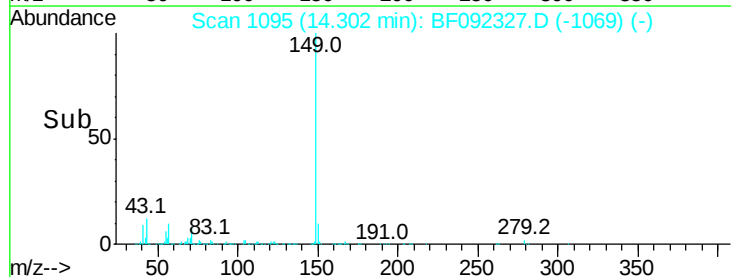
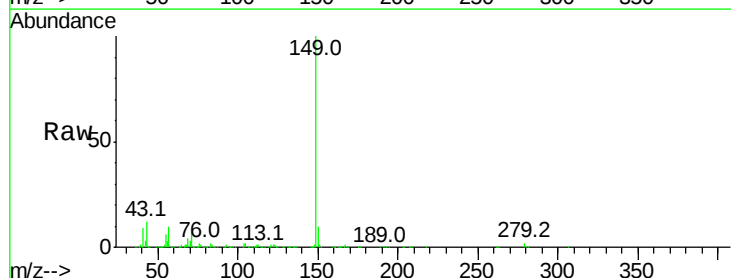
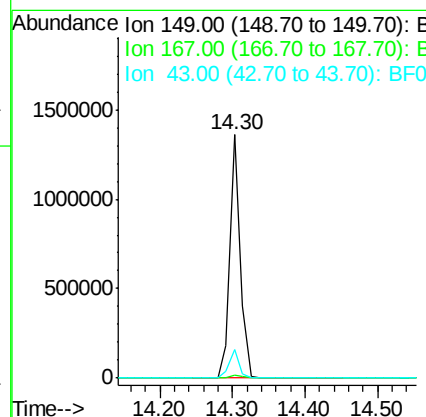
RT: 14.30 min Scan# 1095

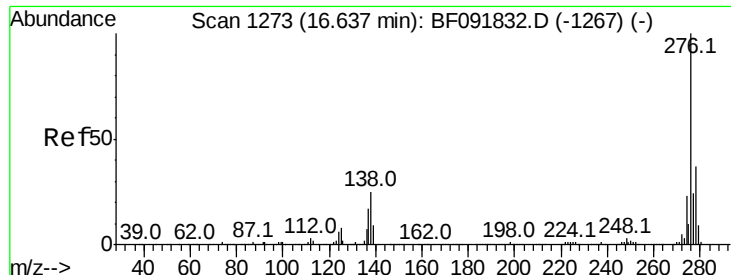
Delta R.T. 0.00 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

Tgt Ion:	149	Resp:	1350550
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	10.9	8.9	13.3





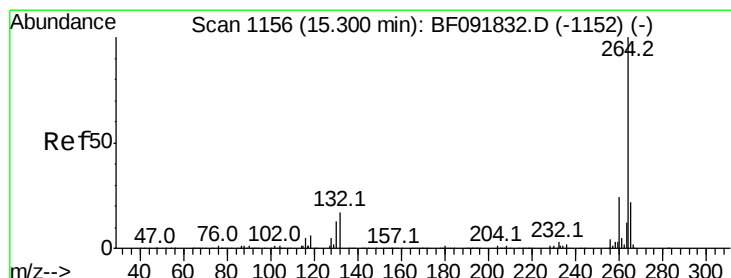
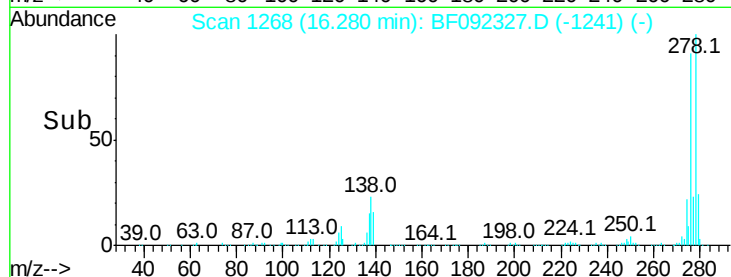
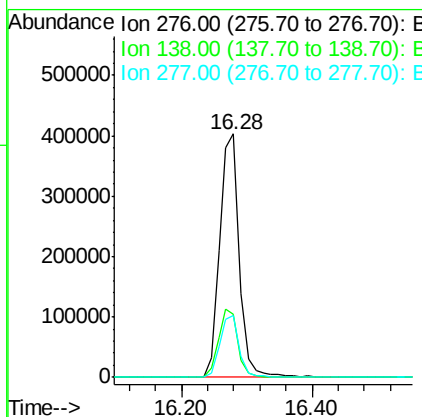
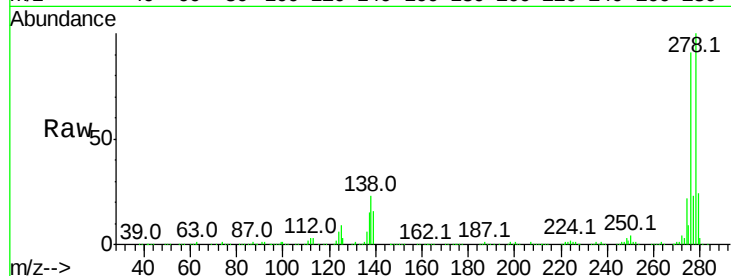
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.28 ng
 RT: 16.28 min Scan# 1268
 Delta R.T. 0.01 min
 Lab File: BF092327.D
 Acq: 17 Jan 2017 20:29

Instrument :
 BNA_F
 ClientSampled :
 B35MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.0	21.8	32.6
277	24.9	20.2	30.4

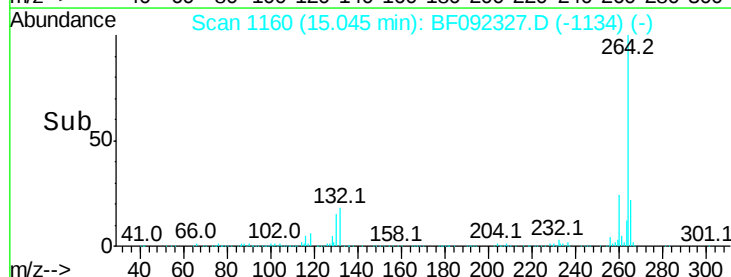
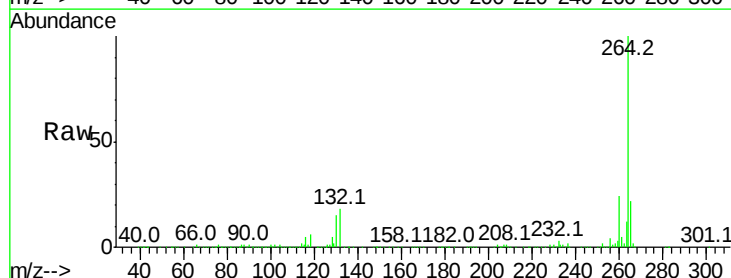
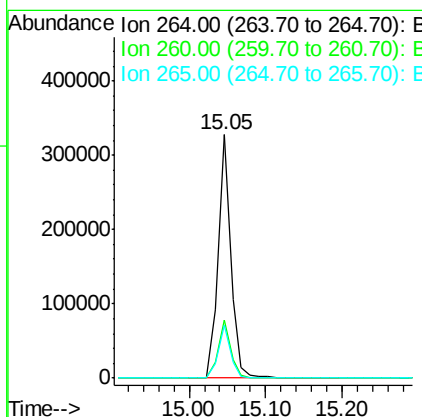
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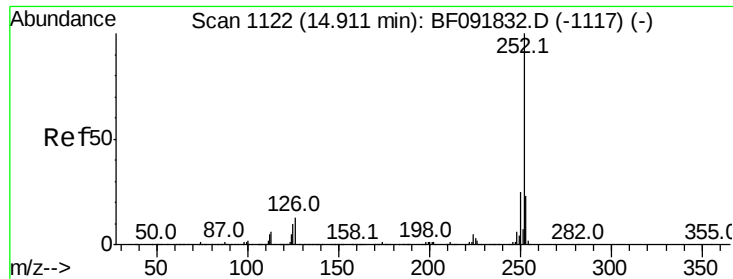
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF092327.D
 Acq: 17 Jan 2017 20:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.8	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 47.21 ng m

RT: 14.69 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

Instrument :

BNA_F

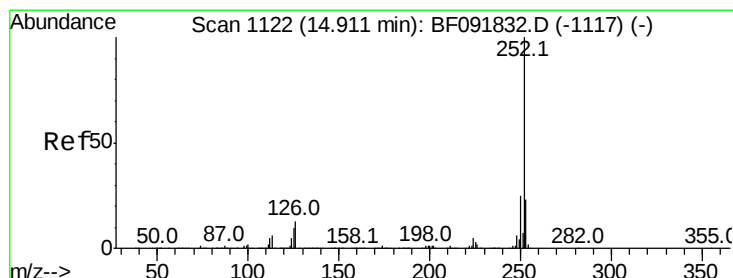
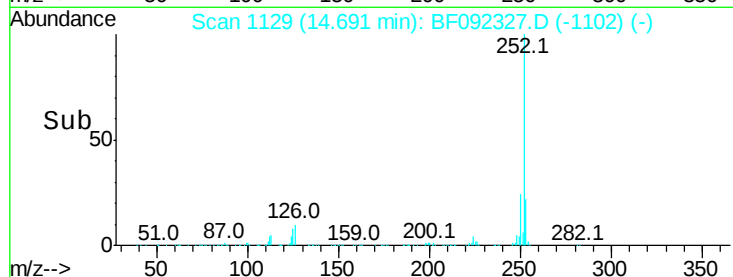
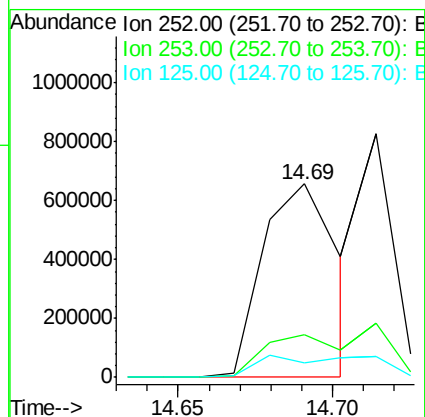
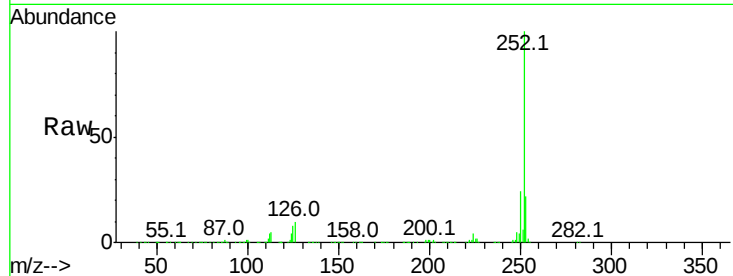
ClientSampled :

B35MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	7.8	9.8	14.6#

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#88

Benzo(k)fluoranthene

Concen: 31.82 ng m

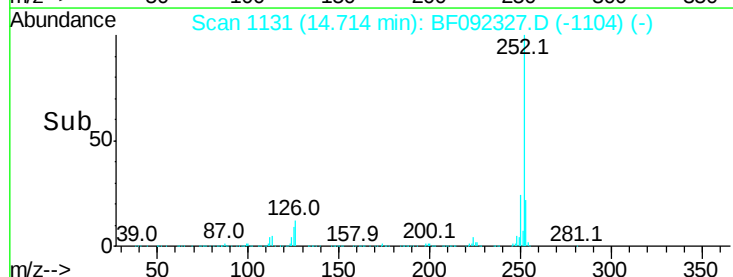
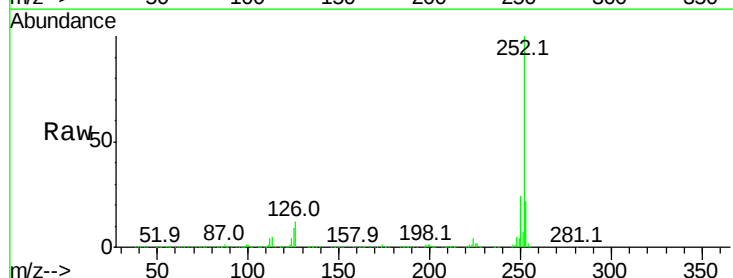
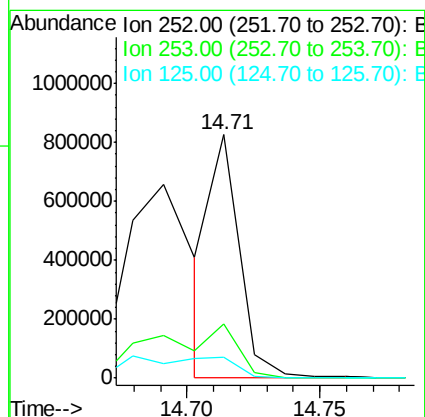
RT: 14.71 min Scan# 1131

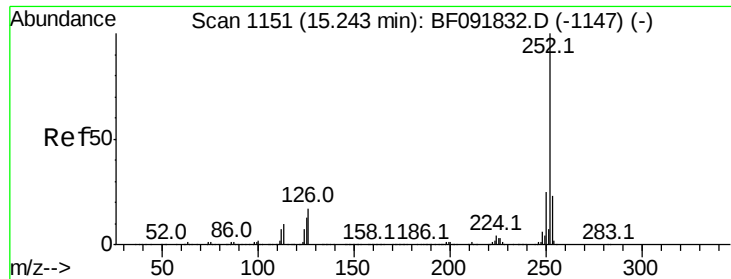
Delta R.T. 0.01 min

Lab File: BF092327.D

Acq: 17 Jan 2017 20:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	8.5	8.9	13.3#





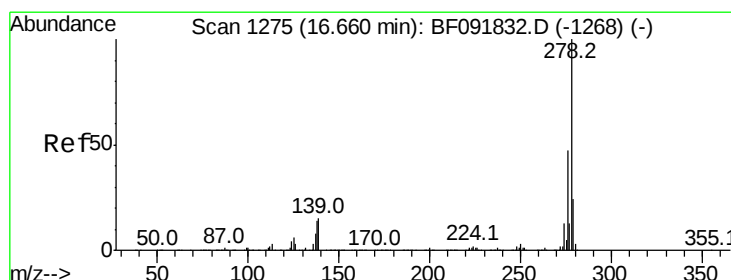
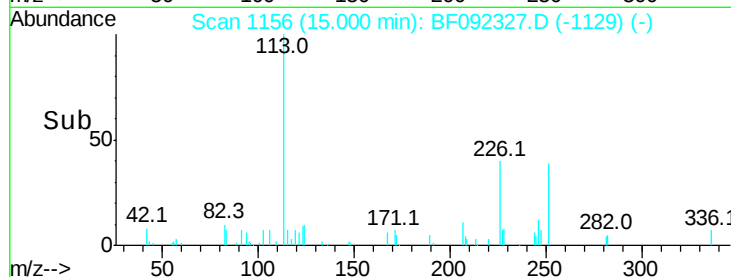
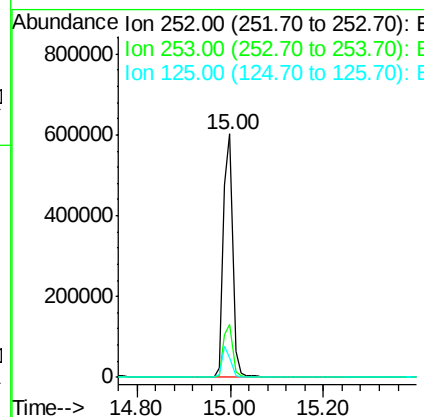
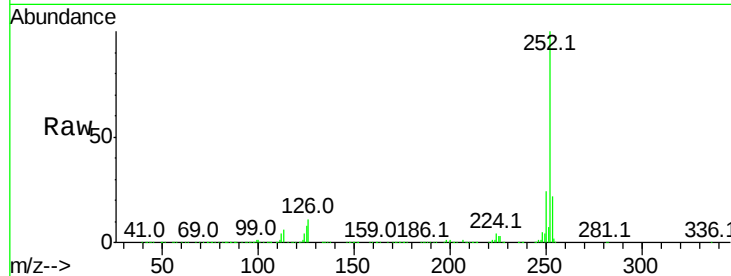
#89
Benzo(a)pyrene
Concen: 39.59 ng
RT: 15.00 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BF092327.D
Acq: 17 Jan 2017 20:29

Instrument :
BNA_F
ClientSampleId :
B35MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	8.3	10.0	15.0

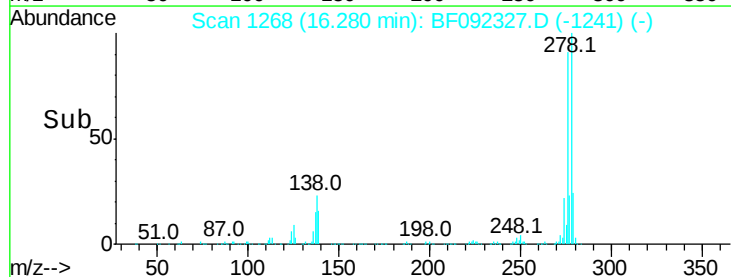
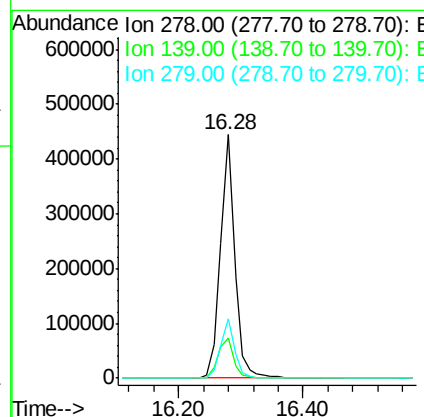
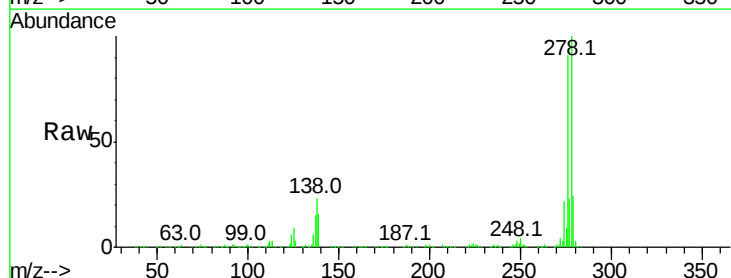
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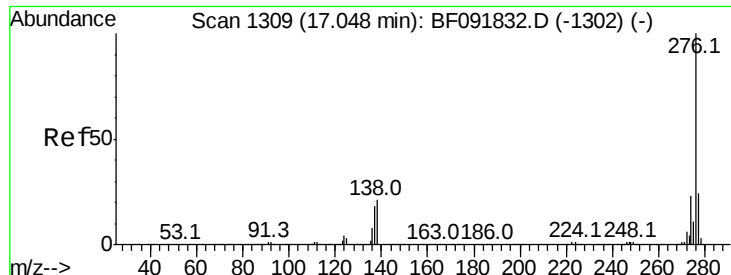
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#90
Dibenzo(a,h)anthracene
Concen: 40.94 ng
RT: 16.28 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BF092327.D
Acq: 17 Jan 2017 20:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	14.8	22.2
279	24.4	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 41.72 ng
 RT: 16.63 min Scan# 1299
 Delta R.T. 0.01 min
 Lab File: BF092327.D
 Acq: 17 Jan 2017 20:29

Instrument :
 BNA_F
 ClientSampleId :
 B35MSD

Tot Ion:	276	Resp:	745248
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.2	28.8
138	23.3	16.0	24.0

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