

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092539.D
 Acq On : 26 Jan 2017 21:53
 Operator : SJ/MA
 Sample : I1448-09MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHA-WCS-012317-1(0-70)MS

Manual Integrations
 APPROVED

mohammad
 1/27/2017 3:03:07 PM

Quant Time: Jan 27 01:37:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	156133	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	636938	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	366877	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	602560	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	463932	20.00	ng	-0.01
86) Perylene-d12	15.64	264	401221	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1310888	130.63	ng	0.03
7) Phenol-d6	6.60	99	1503461	117.62	ng	0.01
23) Nitrobenzene-d5	7.54	82	1104855	94.75	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	400616	160.24	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	1999406	100.78	ng	0.00
78) Terphenyl-d14	13.11	244	1621613	93.08	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	199838	37.44	ng	# 72
3) Pyridine	3.52	79	409572	26.96	ng	90
4) n-Nitrosodimethylamine	3.45	42	290439	38.96	ng	83
6) Aniline	6.64	93	272955	14.32	ng	# 45
8) 2-Chlorophenol	6.76	128	483621	45.88	ng	91
9) Benzaldehyde	6.51	77	207505	22.87	ng	84
10) Phenol	6.61	94	630060	40.84	ng	# 72
11) bis(2-Chloroethyl)ether	6.70	93	488122	42.28	ng	91
12) 1,3-Dichlorobenzene	6.91	146	511843m	41.06	ng	
13) 1,4-Dichlorobenzene	6.99	146	553475	44.11	ng	97
14) 1,2-Dichlorobenzene	7.15	146	486945m	40.91	ng	
15) Benzyl Alcohol	7.12	79	484808	50.33	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	933062	40.86	ng	93
17) 2-Methylphenol	7.23	107	457653	50.81	ng	93
18) Hexachloroethane	7.49	117	189653	43.88	ng	91
19) n-Nitroso-di-n-propylamine	7.39	70	371150	42.64	ng	93
20) 3+4-Methylphenols	7.38	107	482292	44.14	ng	93
22) Acetophenone	7.39	105	728731	48.04	ng	# 93
24) Nitrobenzene	7.56	77	629156	51.51	ng	91
25) Isophorone	7.80	82	1096564	47.72	ng	97
26) 2-Nitrophenol	7.88	139	287846	56.24	ng	# 81
27) 2,4-Dimethylphenol	7.92	122	522813	49.11	ng	97
28) bis(2-Chloroethoxy)methane	8.01	93	646462	42.86	ng	100
29) 2,4-Dichlorophenol	8.12	162	486844	52.75	ng	95
30) 1,2,4-Trichlorobenzene	8.20	180	445208	44.63	ng	95
31) Naphthalene	8.28	128	1474406	45.23	ng	99
32) Benzoic acid	8.04	122	389498	48.86	ng	94
33) 4-Chloroaniline	8.34	127	75204	5.45	ng	97
34) Hexachlorobutadiene	8.41	225	248846	45.61	ng	99
35) Caprolactam	8.72	113	141009m	45.75	ng	
36) 4-Chloro-3-methylphenol	8.82	107	492370	49.47	ng	99
37) 2-Methylnaphthalene	8.98	142	1001649	48.53	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	434433	46.94	ng	99
40) Hexachlorocyclopentadiene	9.14	237	415953	89.75	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	341737m	48.20	nq	
43) 2,4,5-Trichlorophenol	9.31	196	350414m	54.01	nq	
45) 1,1'-Biphenyl	9.45	154	1218496	45.95	nq	96
46) 2-Chloronaphthalene	9.48	162	979734	45.23	nq	95
47) 2-Nitroaniline	9.57	65	368160	50.47	nq	92
48) Acenaphthylene	9.89	152	1499527	47.20	nq	99
49) Dimethylphthalate	9.76	163	1209171	51.83	nq	100
50) 2,6-Dinitrotoluene	9.81	165	257867	54.08	nq	# 84
51) Acenaphthene	10.06	154	1001057	50.71	nq	96
52) 3-Nitroaniline	9.97	138	96168	16.10	nq	90
53) 2,4-Dinitrophenol	10.09	184	257773	80.78	nq	# 65
54) Dibenzofuran	10.24	168	1281782	47.82	nq	97
55) 4-Nitrophenol	10.14	139	391713	82.59	nq	93
56) 2,4-Dinitrotoluene	10.22	165	383626	60.61	nq	# 67
57) Fluorene	10.58	166	956787	48.14	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	267237	54.98	nq	97
59) Diethylphthalate	10.45	149	1088129	48.64	nq	99
60) 4-Chlorophenyl-phenylether	10.57	204	458038	47.51	nq	98
61) 4-Nitroaniline	10.60	138	261217	43.73	nq	93
62) Azobenzene	10.73	77	1287340	50.57	nq	95
64) 4,6-Dinitro-2-methylphenol	10.62	198	181434	55.06	nq	# 41
65) n-Nitrosodiphenylamine	10.69	169	910418	48.38	nq	100
66) 4-Bromophenyl-phenylether	11.06	248	285994	47.01	nq	94
67) Hexachlorobenzene	11.13	284	280776	45.66	nq	# 87
68) Atrazine	11.22	200	260763	40.49	nq	98
69) Pentachlorophenol	11.32	266	346702	88.18	nq	97
70) Phenanthrene	11.55	178	1625363	48.98	nq	97
71) Anthracene	11.60	178	1542022	47.55	nq	99
72) Carbazole	11.74	167	1465639	47.33	nq	99
73) Di-n-butylphthalate	12.08	149	1761935	49.76	nq	98
74) Fluoranthene	12.74	202	1689107	52.04	nq	91
77) Pyrene	12.97	202	1687731	50.21	nq	98
79) Butylbenzylphthalate	13.57	149	771761	56.67	nq	97
80) Benzo(a)anthracene	14.15	228	1279305	51.31	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	224264	23.69	nq	# 97
82) Chrysene	14.19	228	1326916	49.83	nq	100
83) Bis(2-ethylhexyl)phthalate	14.13	149	970589	56.59	nq	99
84) Di-n-octyl phthalate	14.75	149	1766049	56.72	nq	99
85) Indeno(1,2,3-cd)pyrene	17.13	276	1044932	53.04	nq	95
87) Benzo(b)fluoranthene	15.21	252	1209848	46.97	nq	98
88) Benzo(k)fluoranthene	15.24	252	1167834m	54.53	nq	
89) Benzo(a)pyrene	15.59	252	1116017	51.22	nq	# 96
90) Dibenzo(a,h)anthracene	17.15	278	871608	49.47	nq	98
91) Benzo(g,h,i)perylene	17.59	276	871269	48.90	nq	# 92

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

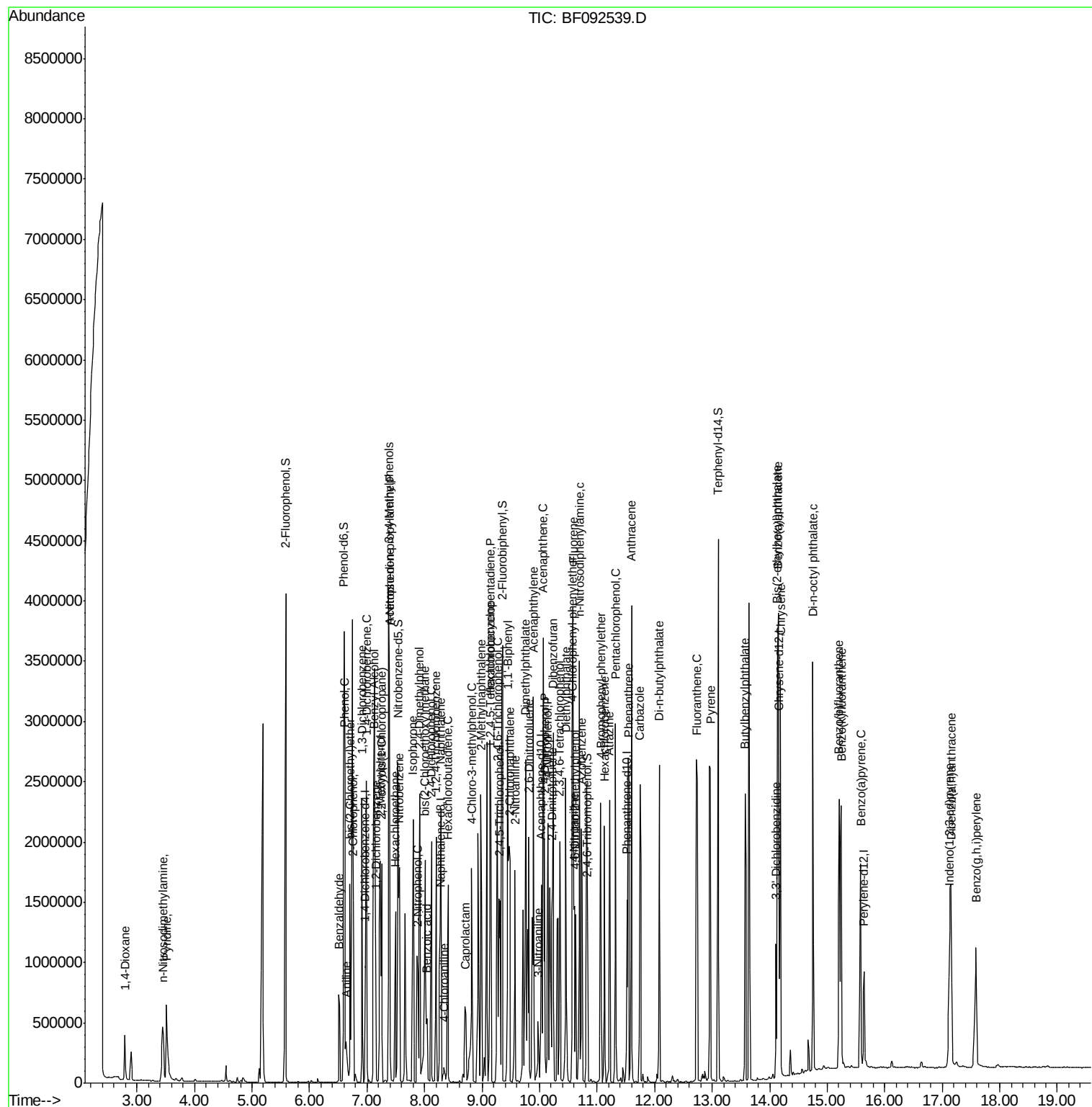
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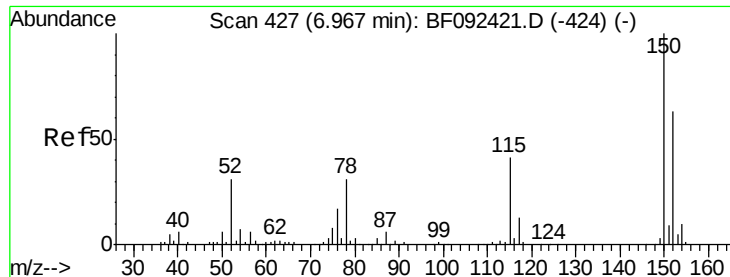
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF092539.D

Acq: 26 Jan 2017 21:53

Instrument :

BNA_F

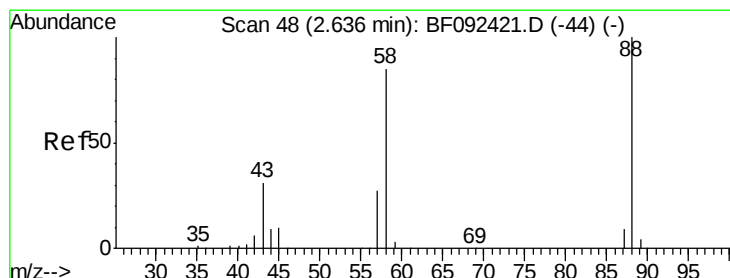
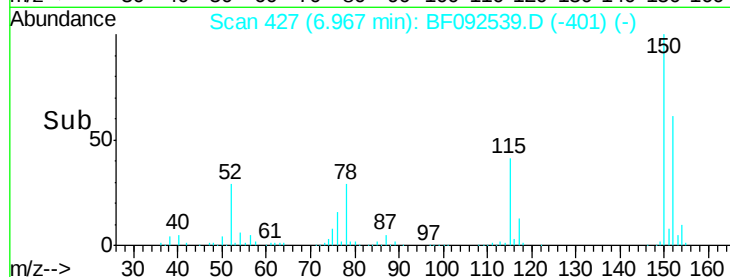
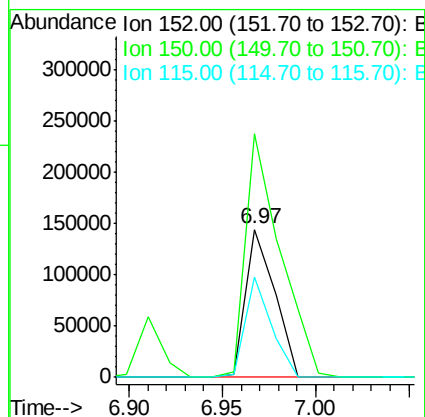
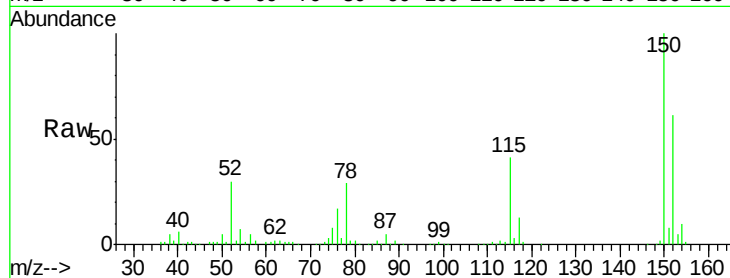
ClientSampleId :

CHA-WCS-012317-1(0-70)MS

Tot Ion:	152	Resp:	156133
Ion Ratio	Lower	Upper	
152	100		
150	164.7	124.9	187.3
115	67.8	46.0	69.0

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#2

1,4-Dioxane

Concen: 37.44 ng

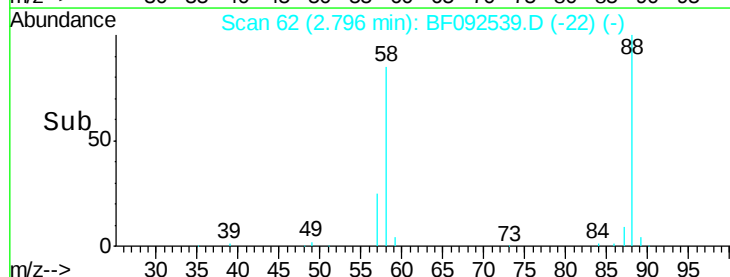
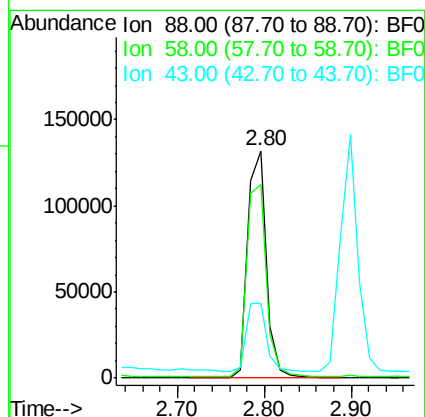
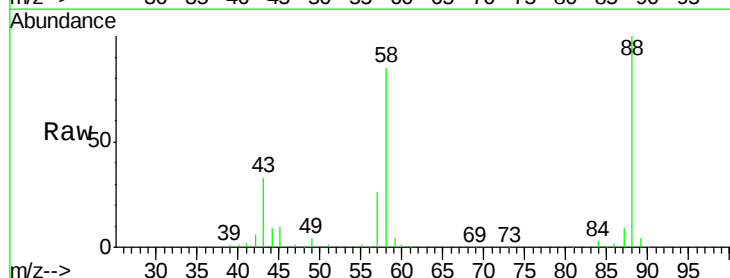
RT: 2.80 min Scan# 62

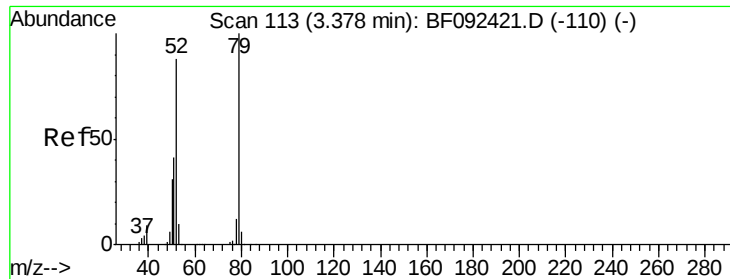
Delta R.T. 0.16 min

Lab File: BF092539.D

Acq: 26 Jan 2017 21:53

Tgt Ion:	88	Resp:	199838
Ion Ratio	Lower	Upper	
88	100		
58	87.3	57.8	86.8#
43	0.0	22.3	33.5#





#3

Pvridine

Concen: 26.96 ng

RT: 3.52 min Scan# 125

Delta R.T. 0.14 min

Lab File: BF092539.D

Acq: 26 Jan 2017 21:53

Instrument :

BNA_F

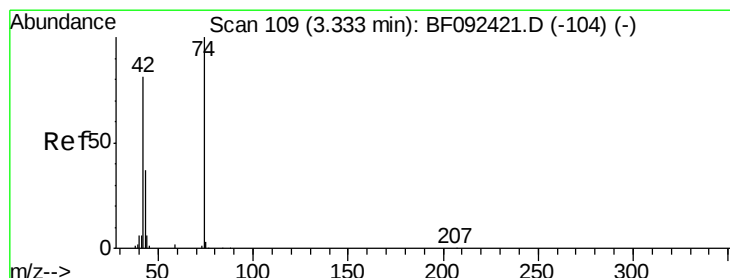
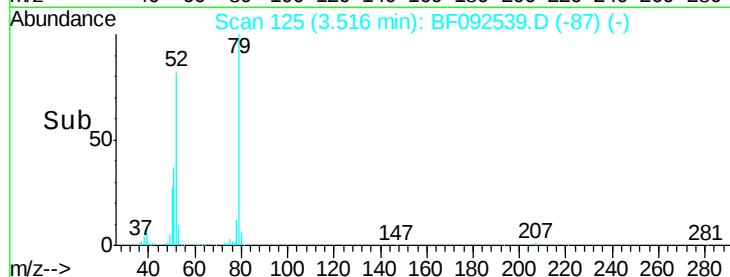
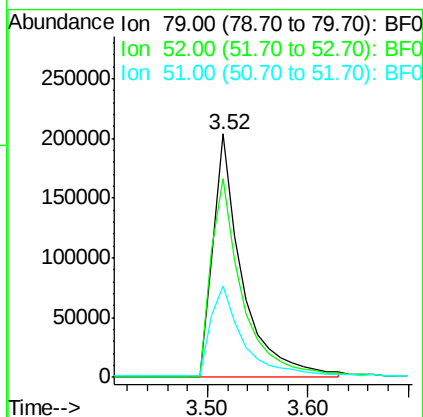
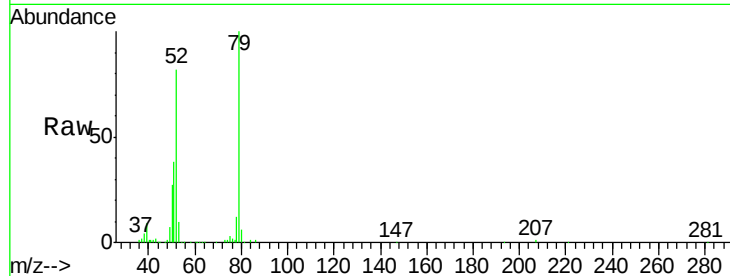
ClientSampleId :

CHA-WCS-012317-1(0-70)MS

Tot Ion:	79	Resp:	409572
Ion Ratio	Lower	Upper	
79	100		
52	81.8	57.1	85.7
51	37.5	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 38.96 ng

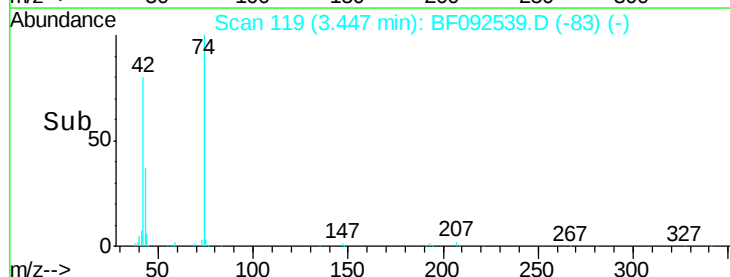
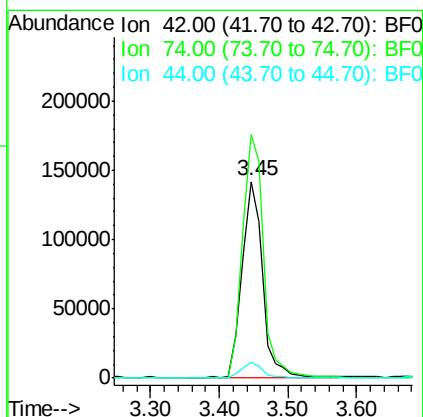
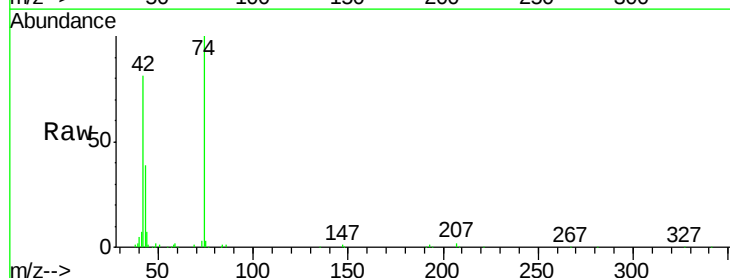
RT: 3.45 min Scan# 119

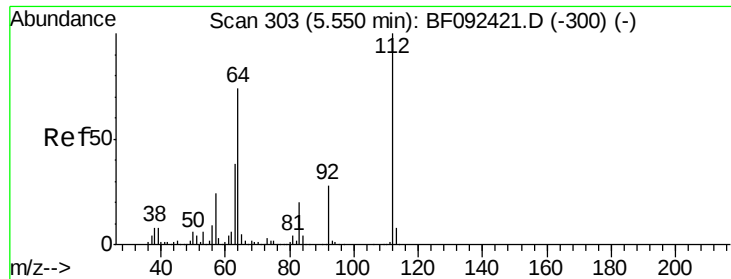
Delta R.T. 0.11 min

Lab File: BF092539.D

Acq: 26 Jan 2017 21:53

Tgt Ion:	42	Resp:	290439
Ion Ratio	Lower	Upper	
42	100		
74	124.0	117.0	175.4
44	8.3	5.5	8.3





#5

2-Fluorophenol

Concen: 130.63 ng

RT: 5.58 min Scan# 306

Delta R.T. 0.03 min

Lab File: BF092539.D

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BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MS

Tot Ion:112 Resp: 1310888

Ion Ratio Lower Upper

112 100

64 60.4 46.1 69.1

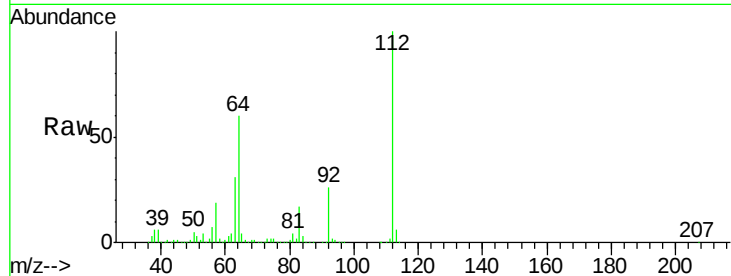
63 30.6 23.8 35.6

Manual Integrations

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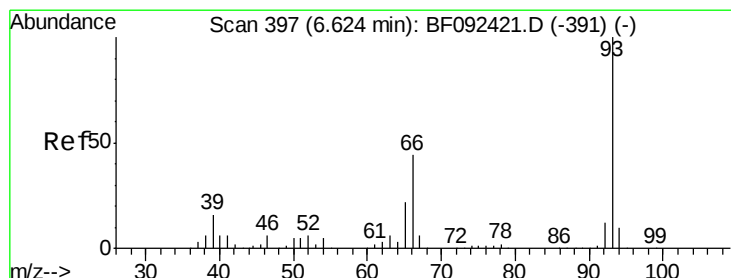
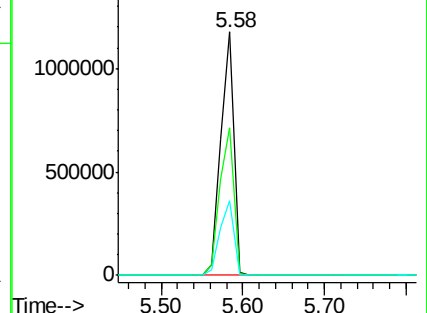
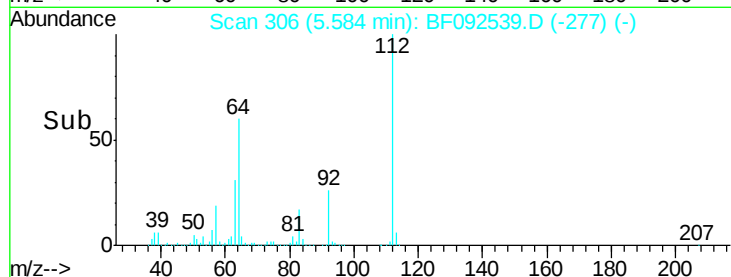
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.32 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.01 min

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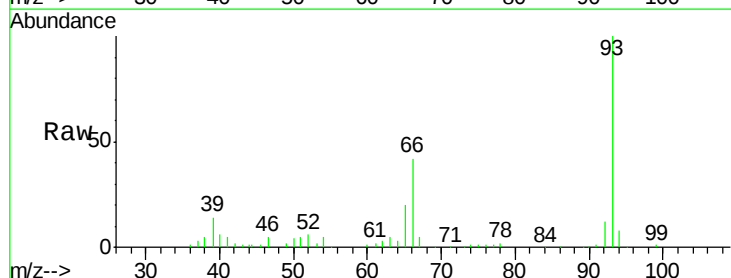
Tgt Ion: 93 Resp: 272955

Ion Ratio Lower Upper

93 100

66 41.5 76.2 114.2#

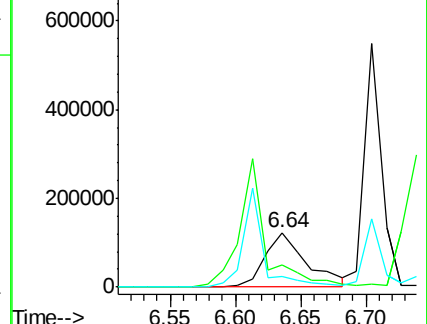
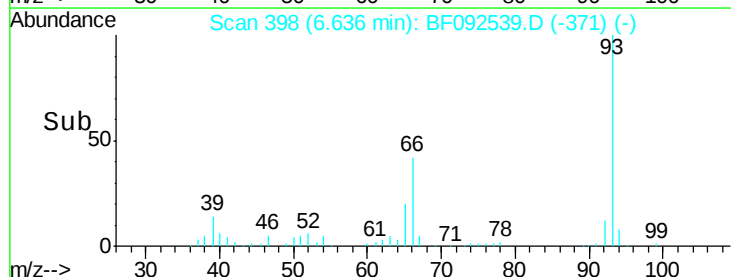
65 20.0 49.3 73.9#

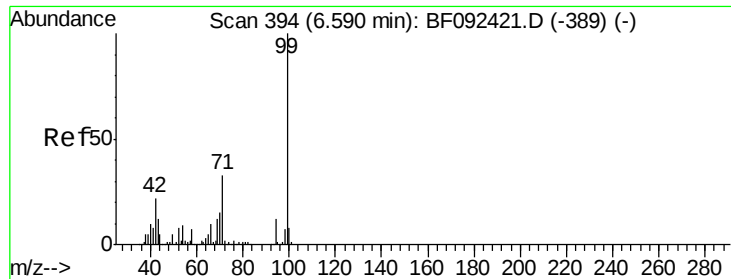


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.62 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

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Tot Ion: 99 Resp: 1503461

Ion Ratio Lower Upper

99 100

42 20.2 15.6 23.4

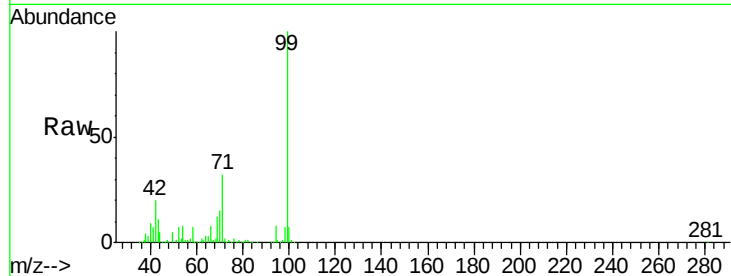
71 32.2 27.5 41.3

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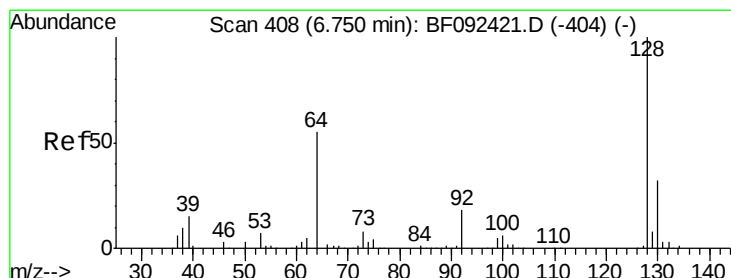
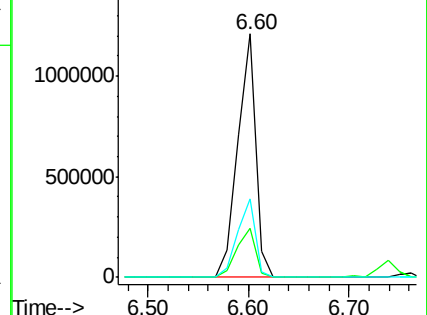
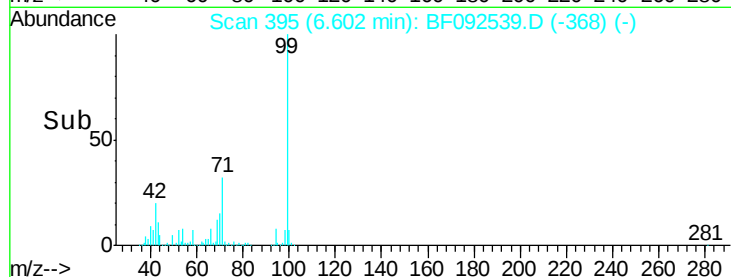
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.88 ng

RT: 6.76 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF092539.D

Acq: 26 Jan 2017 21:53

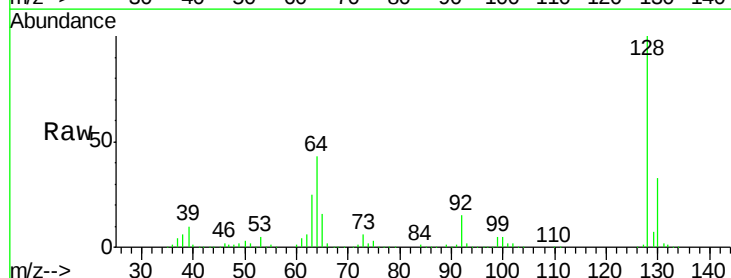
Tgt Ion: 128 Resp: 483621

Ion Ratio Lower Upper

128 100

130 33.1 12.3 52.3

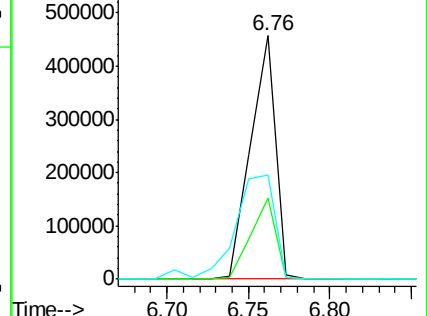
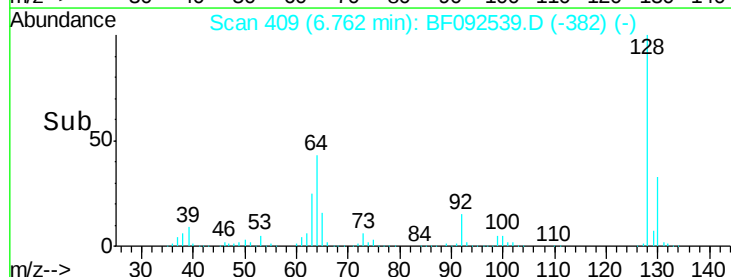
64 42.6 32.2 72.2

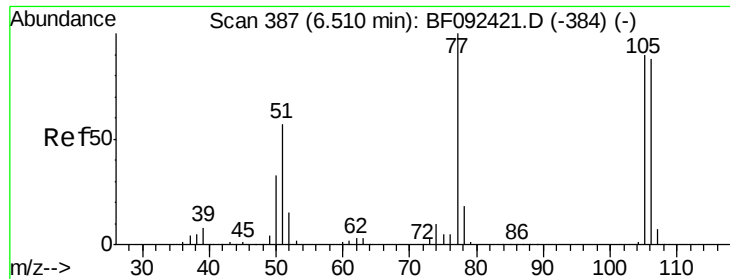


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





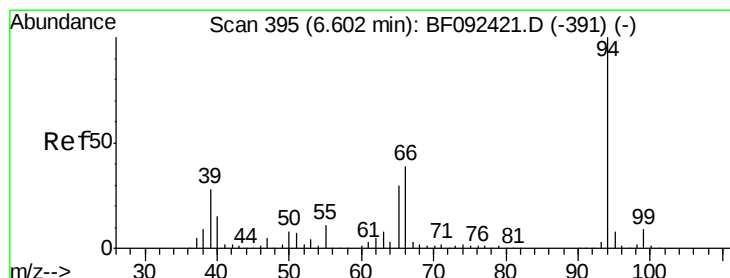
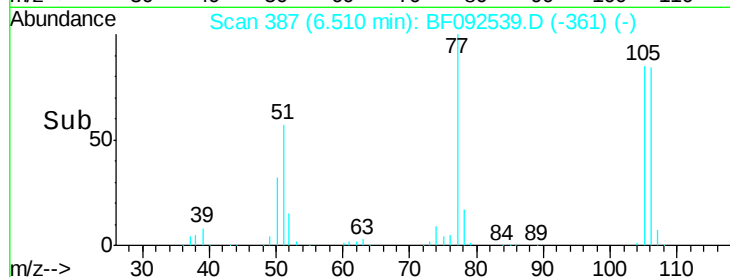
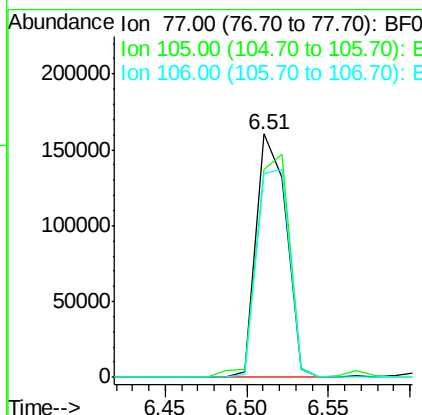
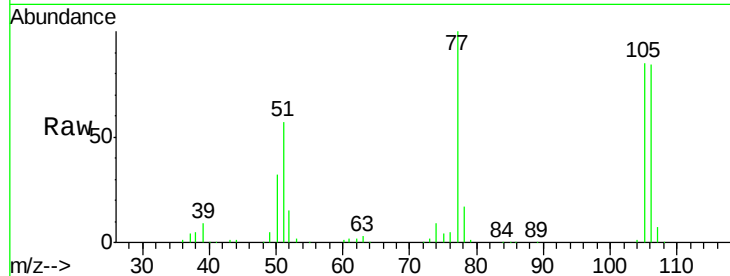
#9
Benzaldehyde
Concen: 22.87 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	85.2	83.9	123.9
106	84.0	77.6	117.6

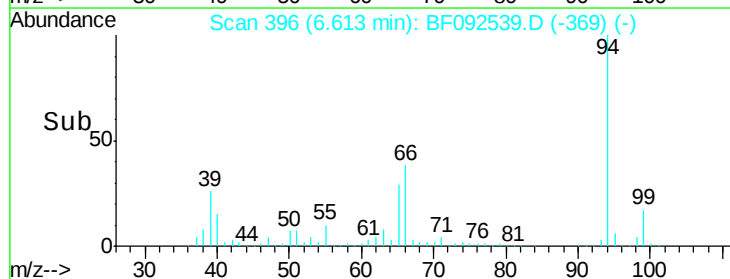
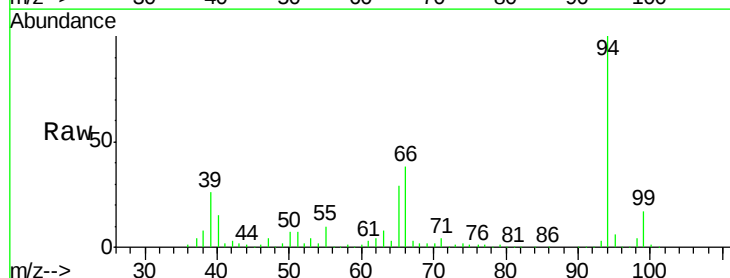
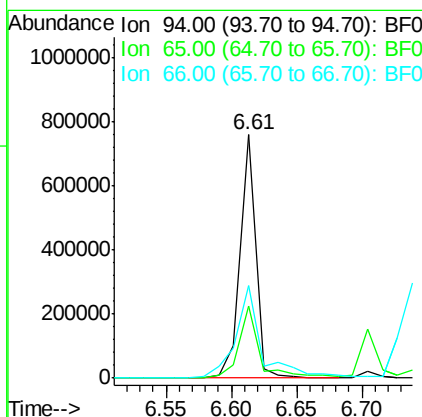
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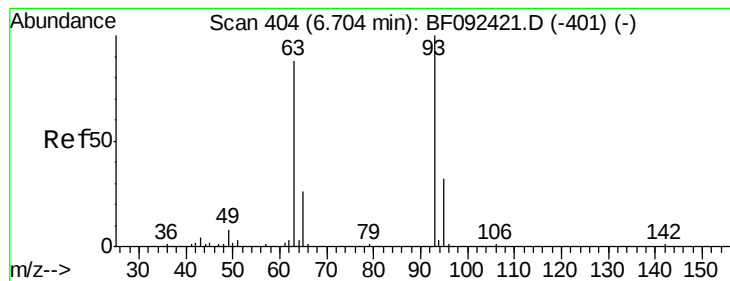
mohammad
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#10
Phenol
Concen: 40.84 ng
RT: 6.61 min Scan# 396
Delta R.T. 0.01 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.4	21.4	61.4
66	38.1	44.0	84.0#





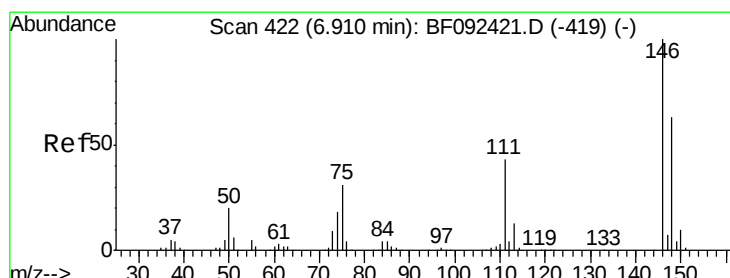
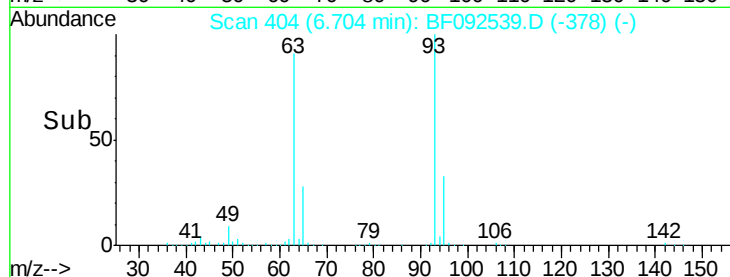
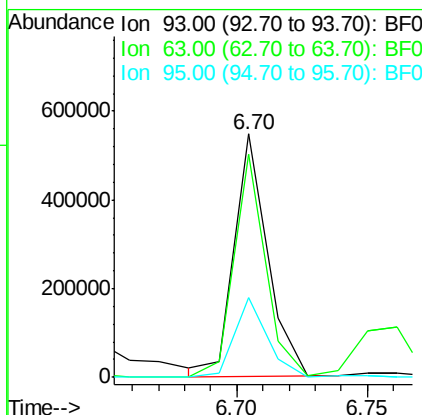
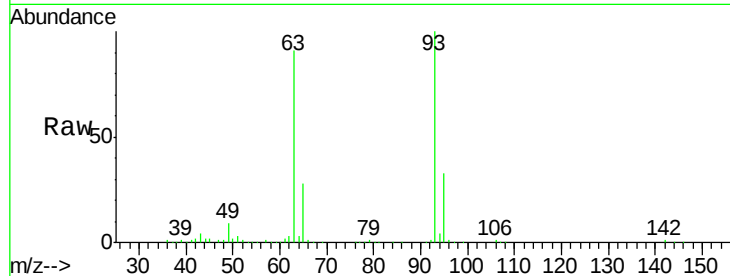
#11
bis(2-Chloroethyl)ether
Concen: 42.28 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	91.5	60.4	100.4	
95	32.8	12.8	52.8	

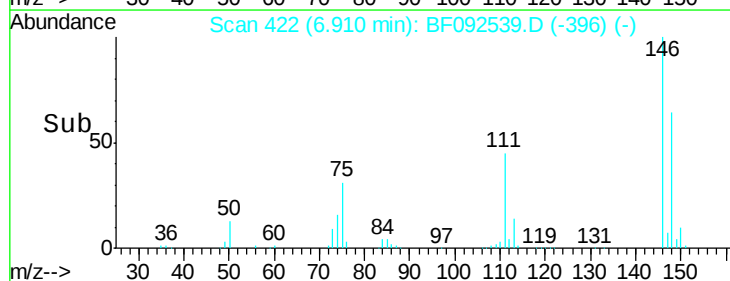
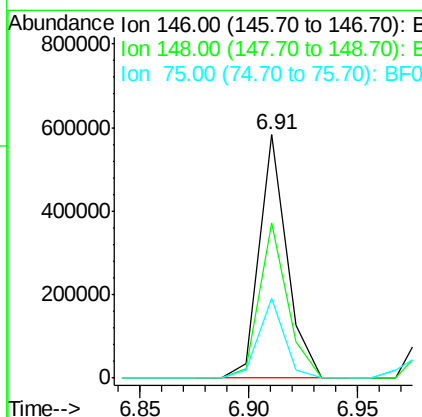
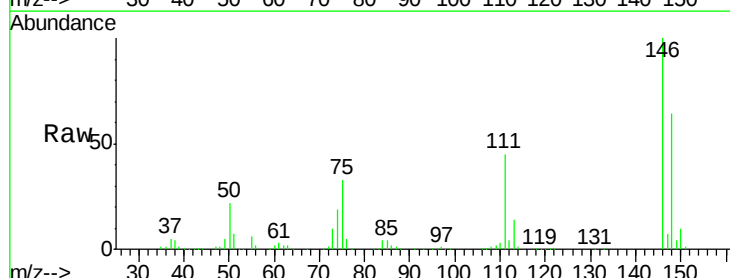
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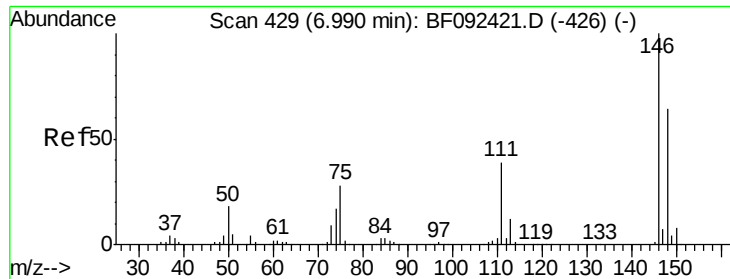
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.06 ng m
RT: 6.91 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.6	53.4	80.0	
75	32.8	18.5	27.7	





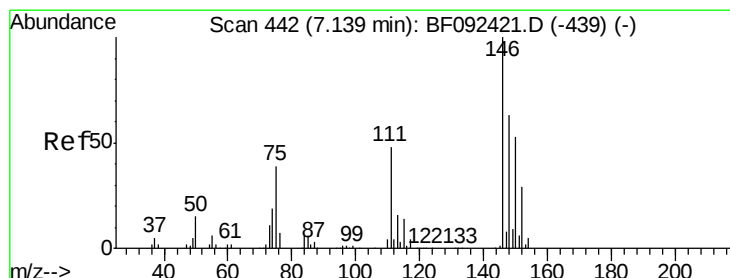
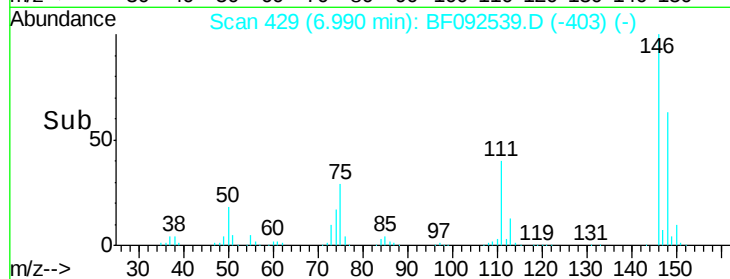
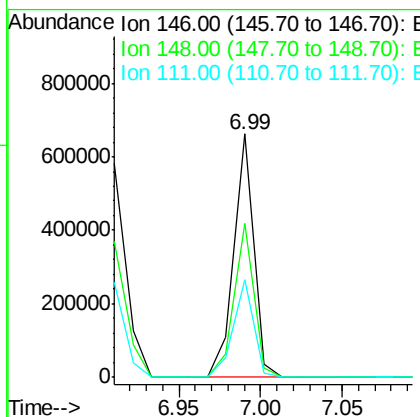
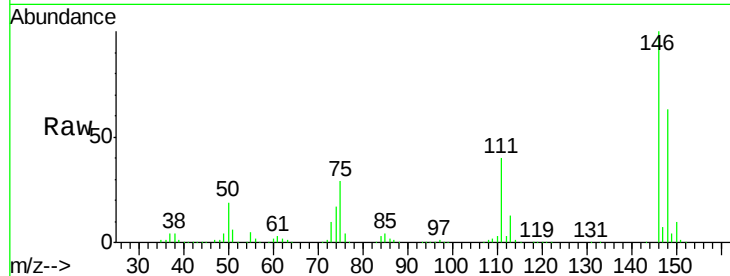
#13
 1,4-Dichlorobenzene
 Concen: 44.11 ng
 RT: 6.99 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BF092539.D
 Acq: 26 Jan 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 CHA-WCS-012317-1(0-70)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	76.0
111	40.3	36.2	54.4

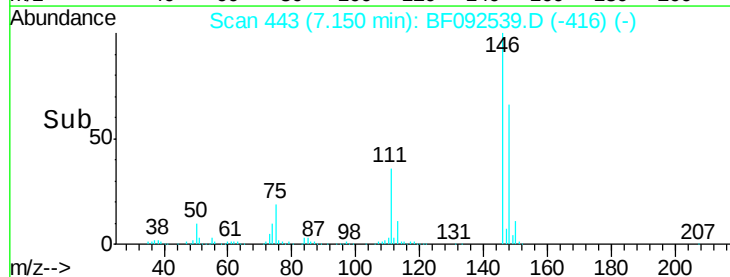
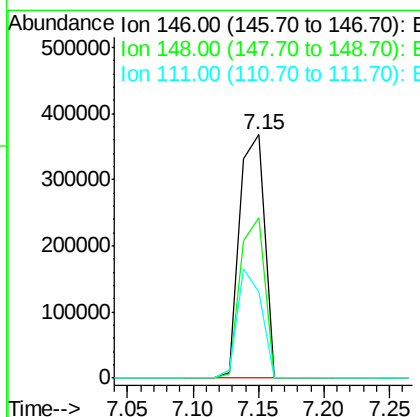
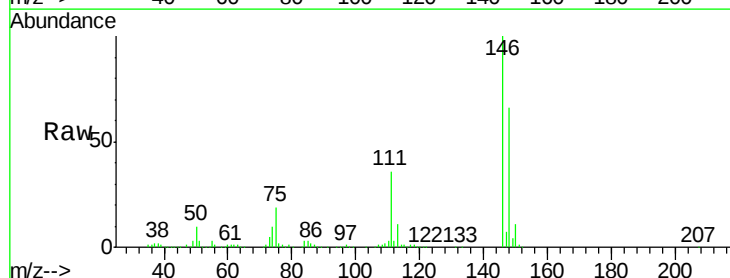
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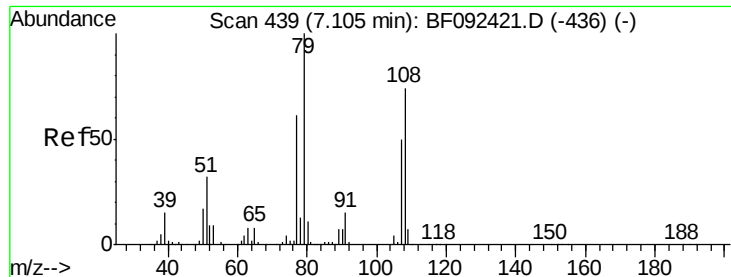
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 40.91 ng m
 RT: 7.15 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: BF092539.D
 Acq: 26 Jan 2017 21:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.2	78.2
111	35.6	36.2	54.2#





#15

Benzyl Alcohol

Concen: 50.33 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.01 min

Lab File: BF092539.D

Acq: 26 Jan 2017 21:53

Instrument :

BNA_F

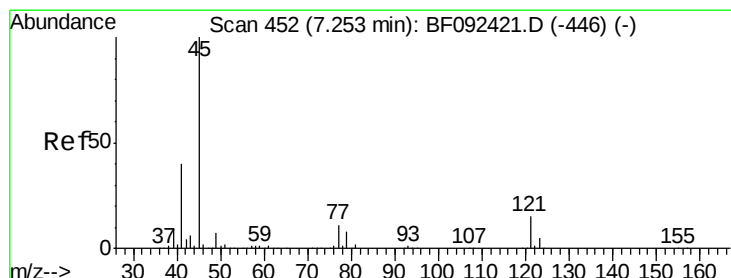
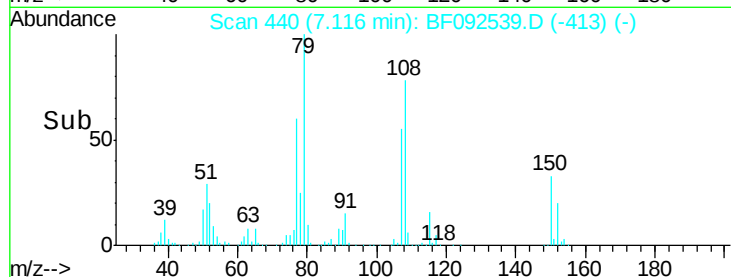
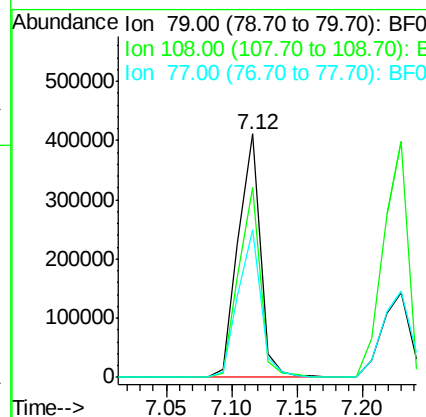
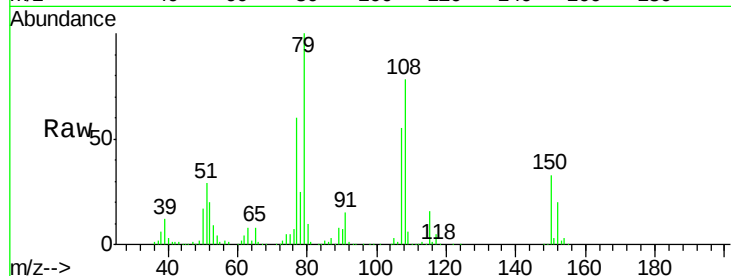
ClientSampleId :

CHA-WCS-012317-1(0-70)MS

Tot Ion:	79	Resp:	484808
Ion Ratio	Lower	Upper	
79	100		
108	77.8	61.4	92.0
77	60.5	50.9	76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.86 ng

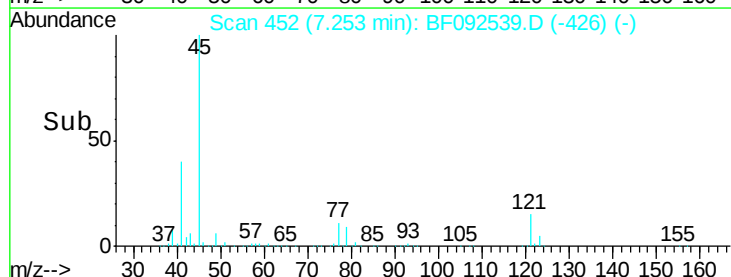
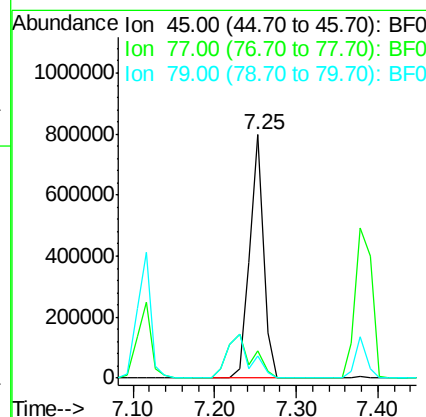
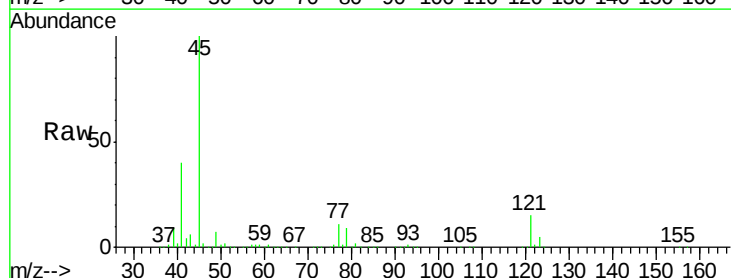
RT: 7.25 min Scan# 452

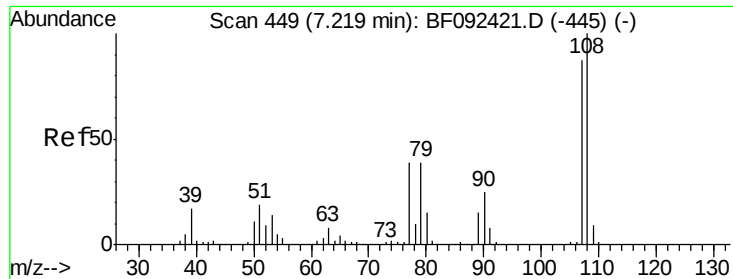
Delta R.T. 0.00 min

Lab File: BF092539.D

Acq: 26 Jan 2017 21:53

Tgt Ion:	45	Resp:	933062
Ion Ratio	Lower	Upper	
45	100		
77	11.2	0.0	34.6
79	8.9	0.0	31.2





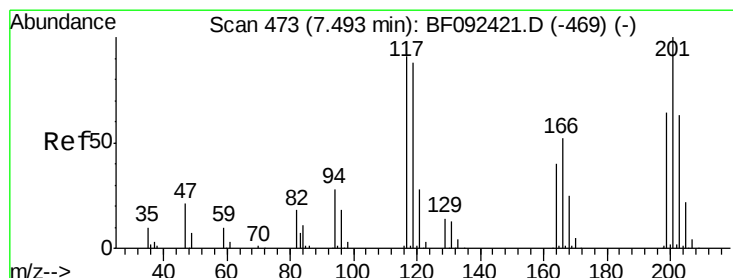
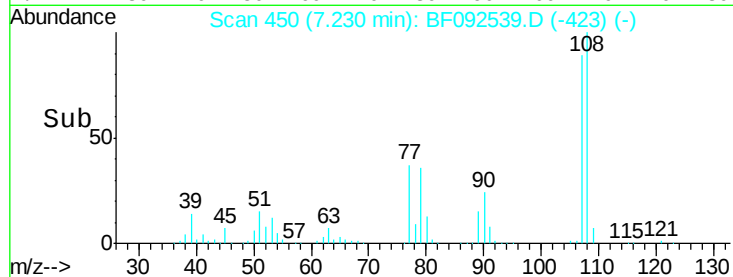
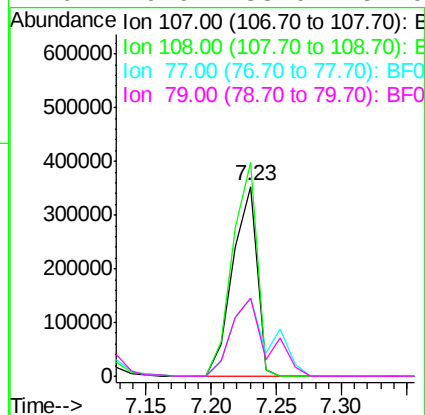
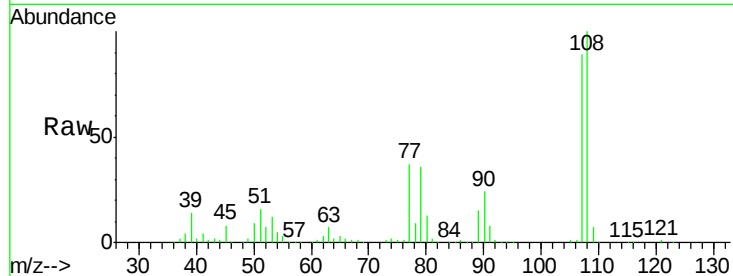
#17
2-Methylphenol
Concen: 50.81 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	93.0	139.6	
77	41.2	39.8	59.8	
79	40.9	38.0	57.0	

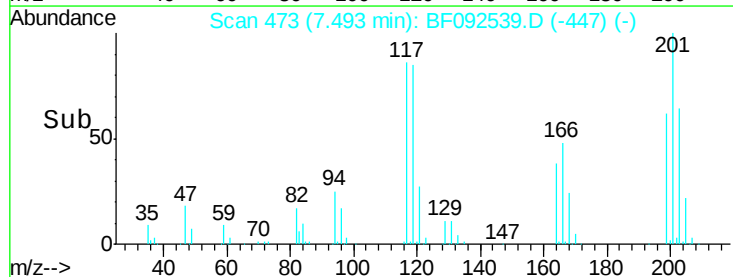
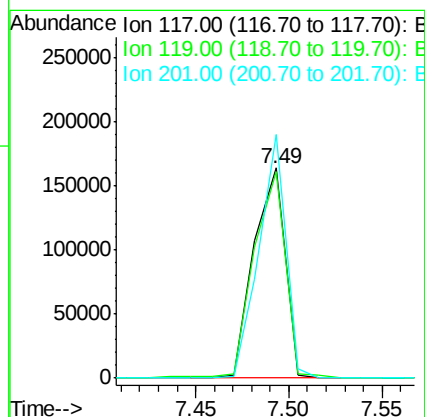
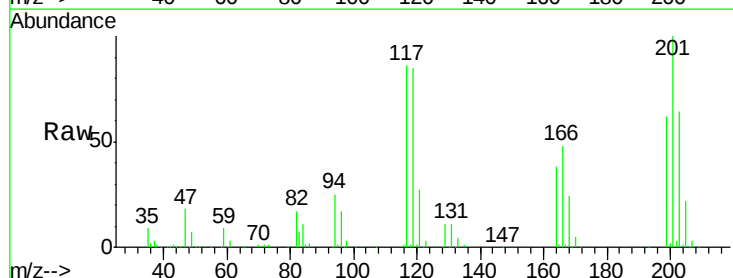
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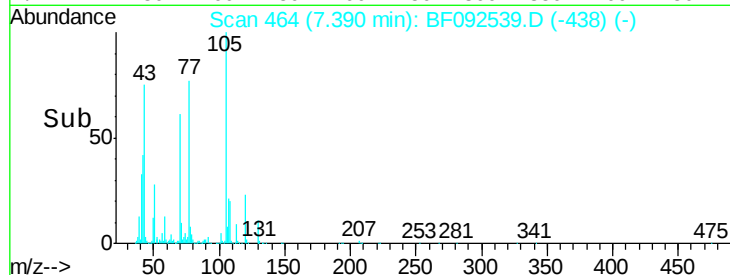
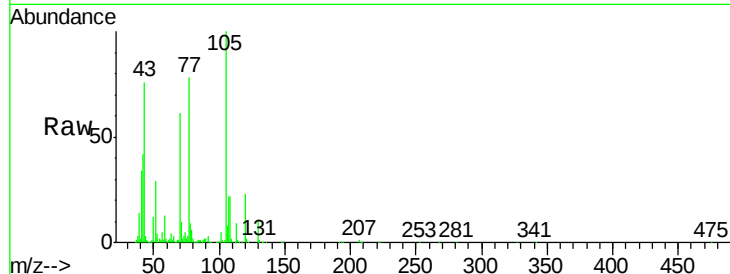
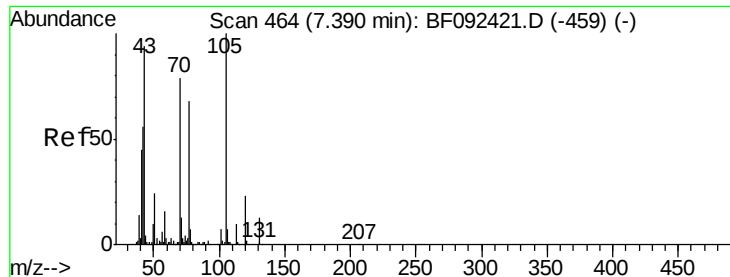
mohammad
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#18
Hexachloroethane
Concen: 43.88 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.3	78.1	117.1	
201	115.8	78.6	117.8	





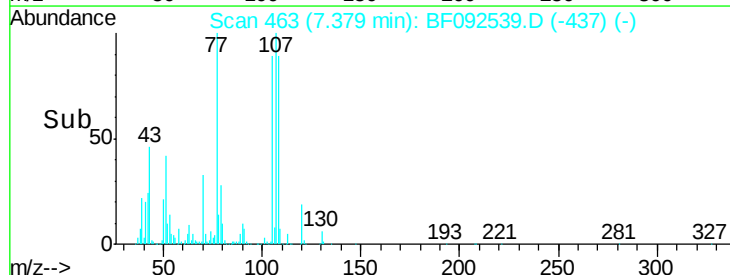
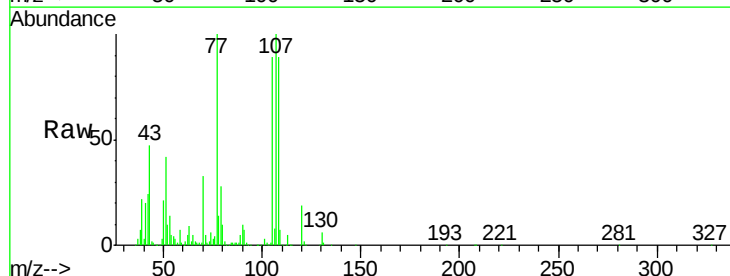
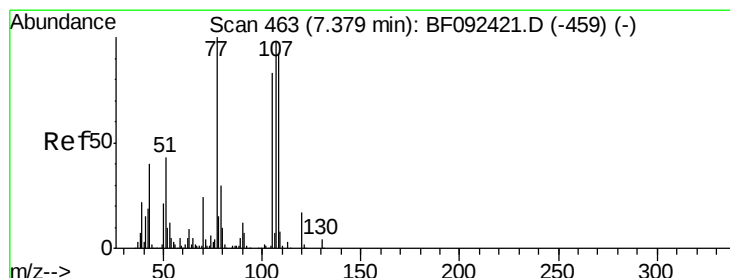
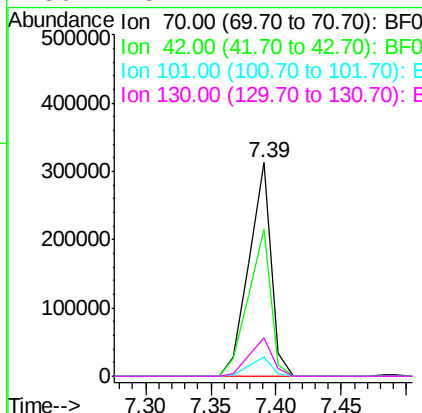
#19
n-Nitroso-di-n-propylamine
Concen: 42.64 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.1	49.4	74.0
101	8.9	7.4	11.2
130	18.2	14.2	21.4

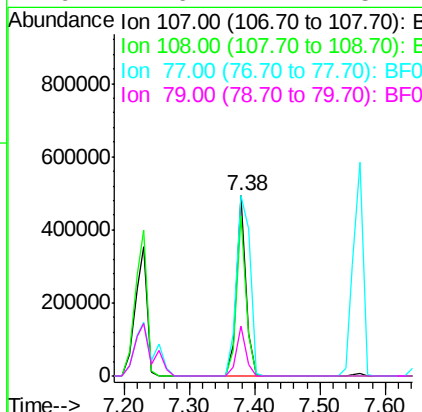
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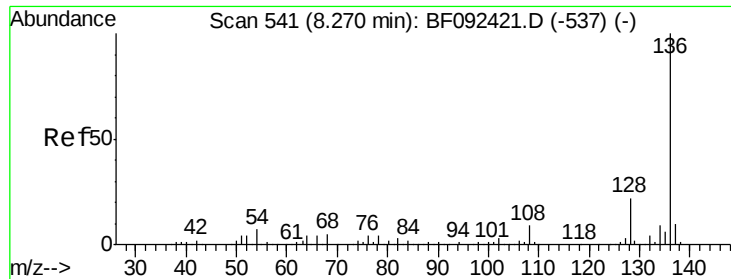
mohammad
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#20
3+4-Methylphenols
Concen: 44.14 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	73.0	113.0
77	100.1	71.3	111.3
79	27.6	11.1	51.1





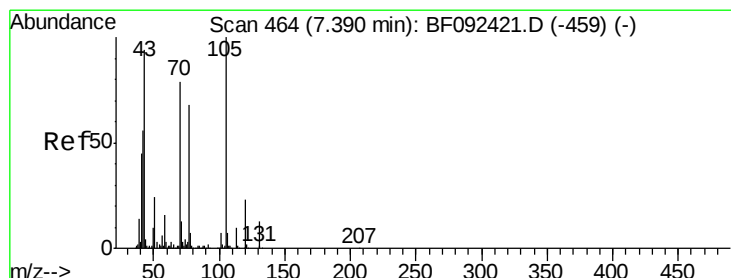
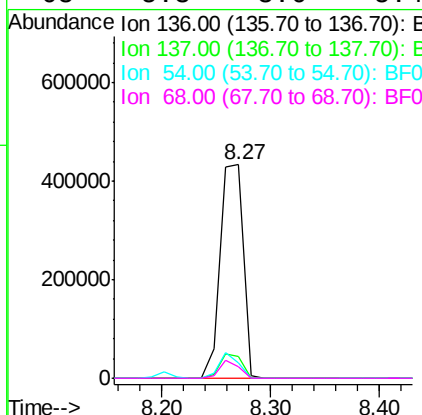
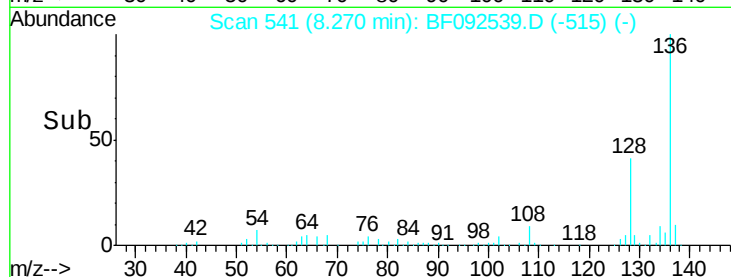
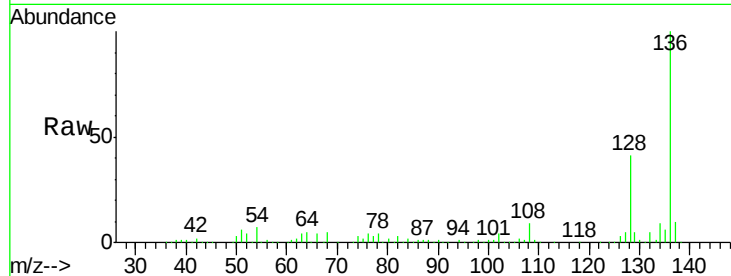
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	636938		
137	10.4		8.4	12.6
54	7.1		4.5	6.7#
68	5.3		3.6	5.4

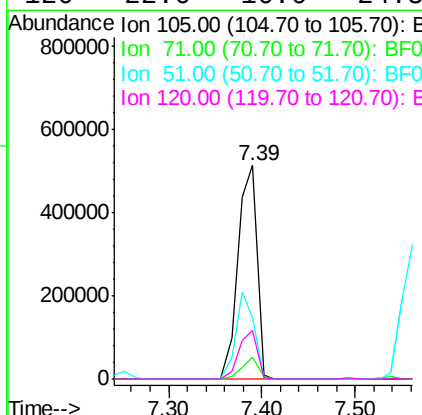
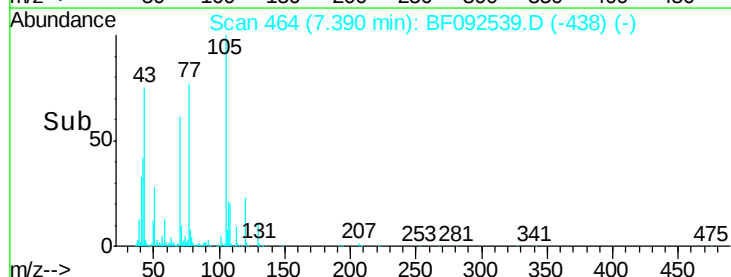
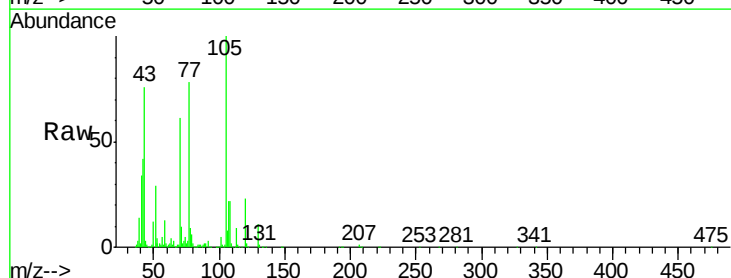
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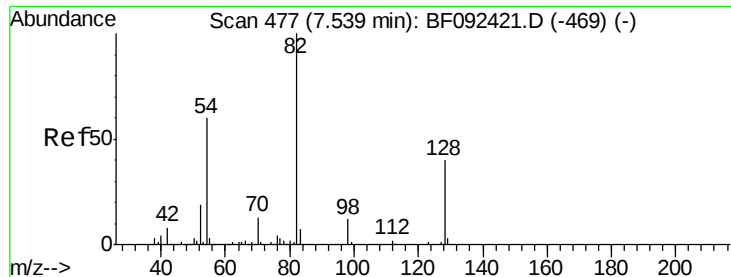
mohammad
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#22
Acetophenone
Concen: 48.04 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	728731		
71	10.2		3.2	4.8#
51	29.1		26.2	39.4
120	22.6		16.6	24.8





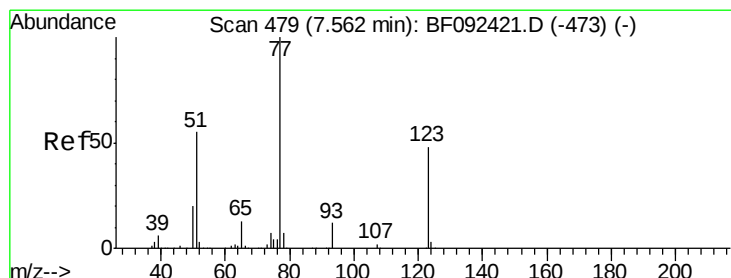
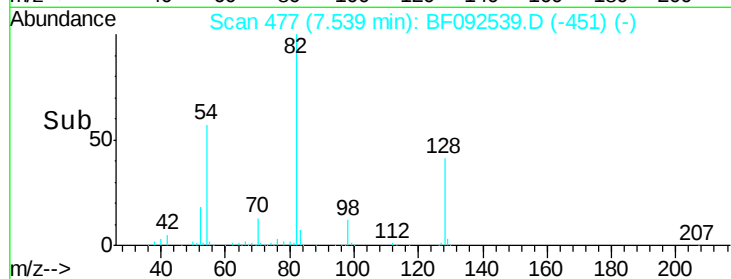
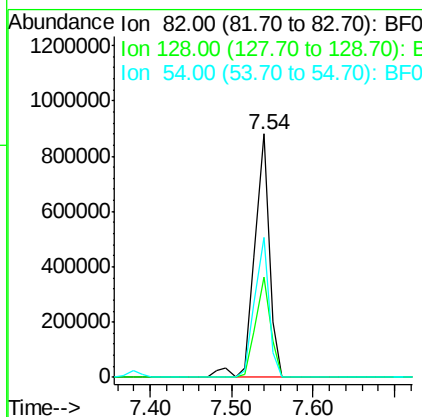
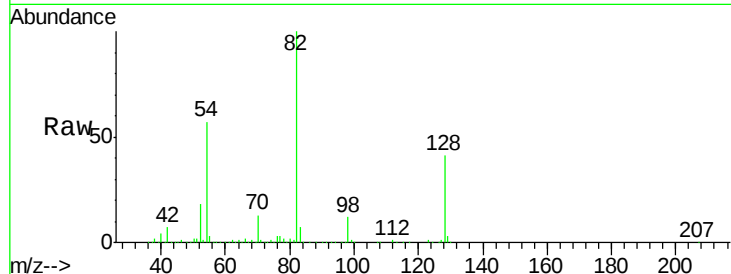
#23
 Nitrobenzene-d5
 Concen: 94.75 ng
 RT: 7.54 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF092539.D
 Acq: 26 Jan 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 CHA-WCS-012317-1(0-70)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.6	52.0
54	57.2	39.5	59.3

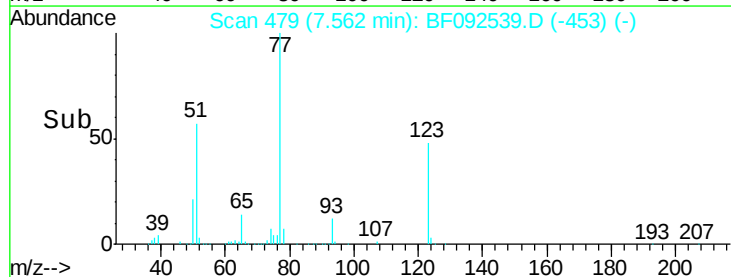
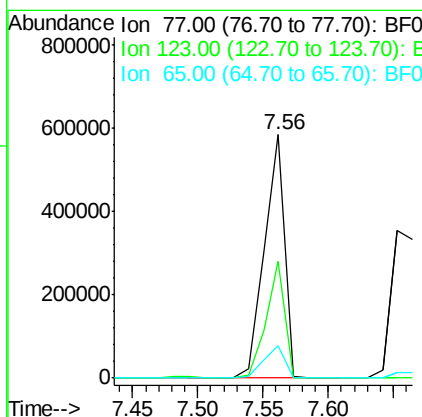
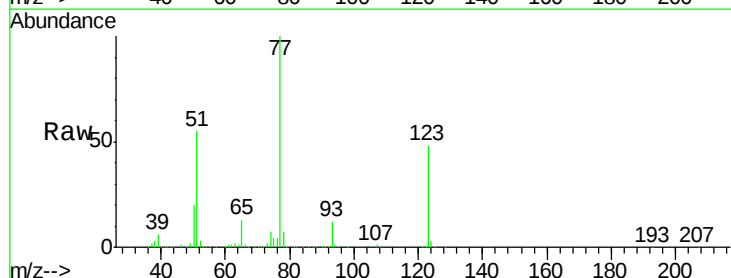
Manual Integrations
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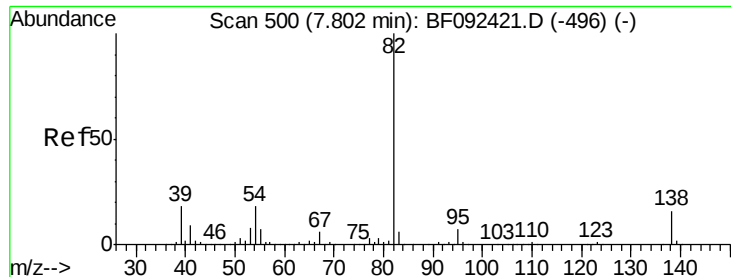
mohammad
 1/27/2017 3:03:07 PM



#24
 Nitrobenzene
 Concen: 51.51 ng
 RT: 7.56 min Scan# 479
 Delta R.T. 0.00 min
 Lab File: BF092539.D
 Acq: 26 Jan 2017 21:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.2	33.0	49.4
65	13.4	11.2	16.8





#25

Isophorone

Concen: 47.72 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF092539.D

Acq: 26 Jan 2017 21:53

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MS

Tot Ion: 82 Resp: 1096564

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

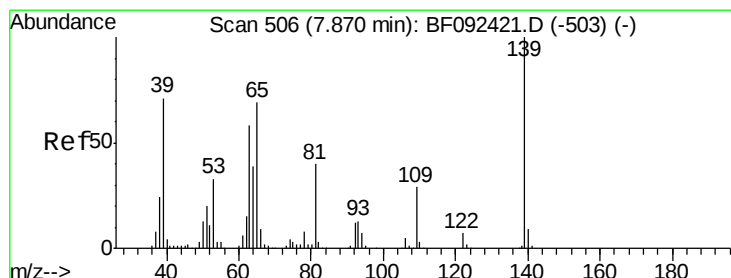
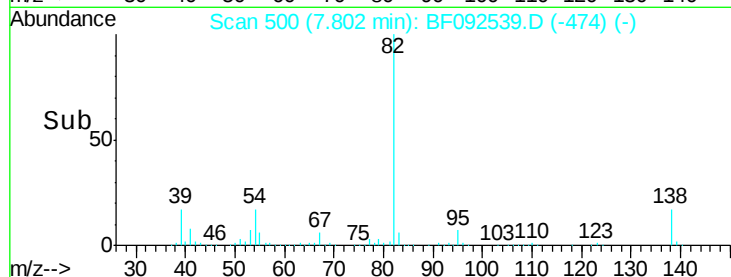
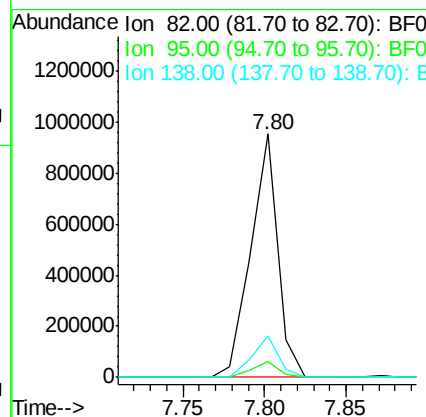
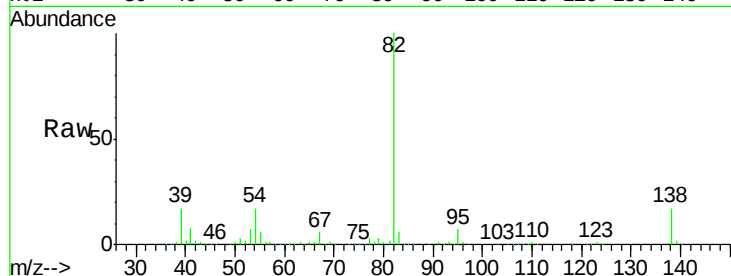
138 16.8 14.6 22.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 56.24 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF092539.D

Acq: 26 Jan 2017 21:53

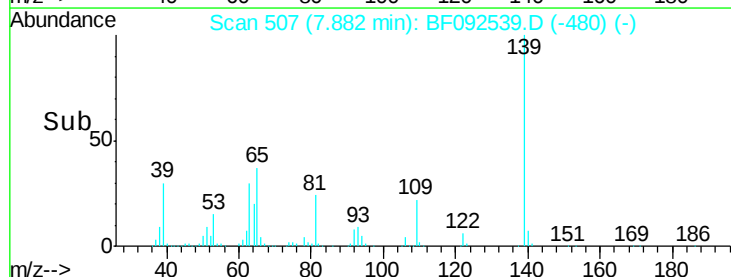
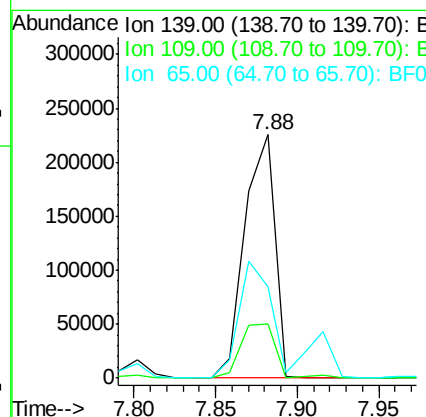
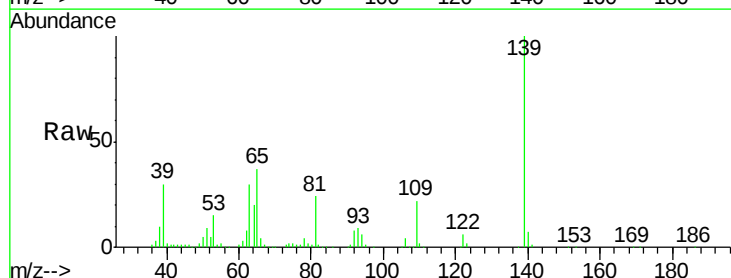
Tgt Ion: 139 Resp: 287846

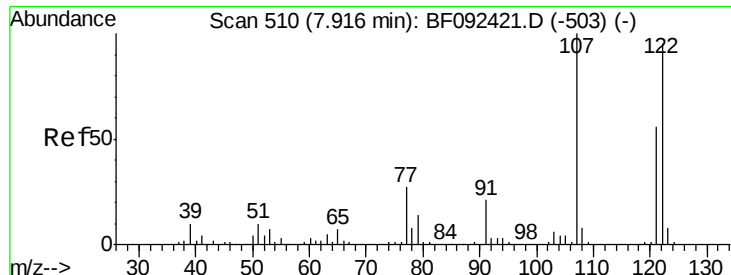
Ion Ratio Lower Upper

139 100

109 22.4 23.3 34.9#

65 37.2 42.7 64.1#





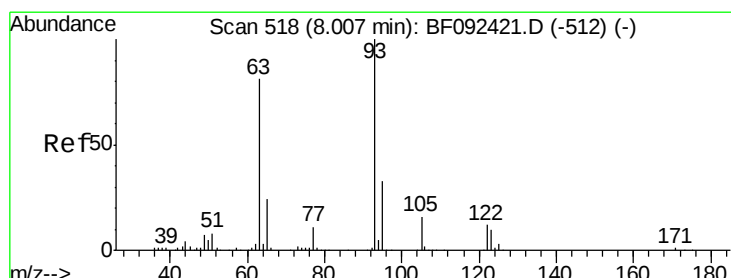
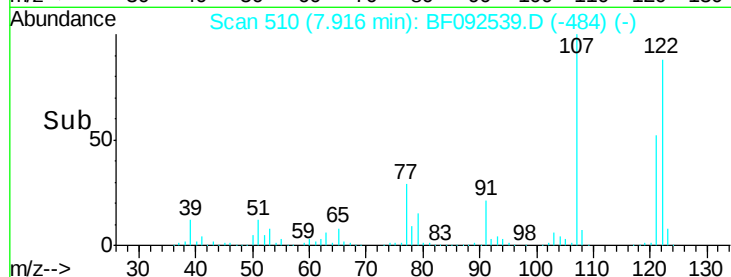
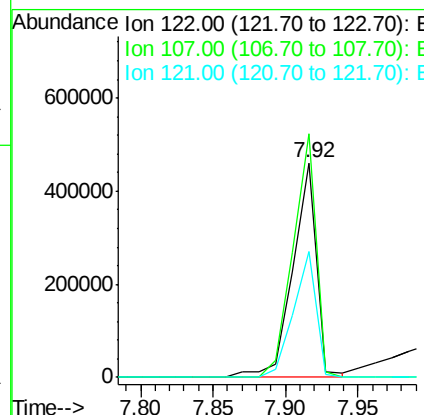
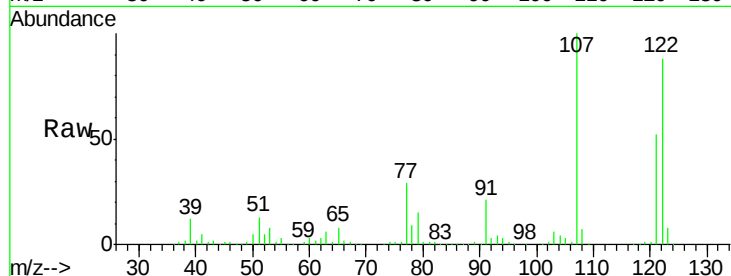
#27
2,4-Dimethylphenol
Concen: 49.11 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	522813		
107	113.7	94.1	141.1	
121	58.6	46.0	69.0	

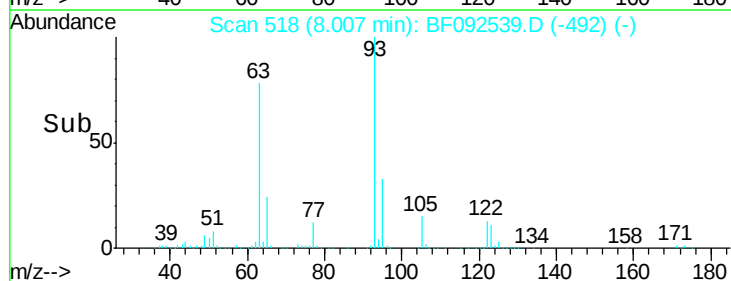
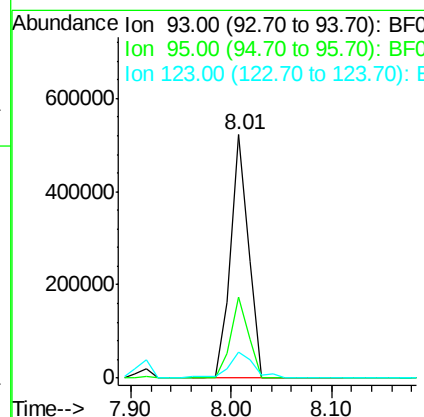
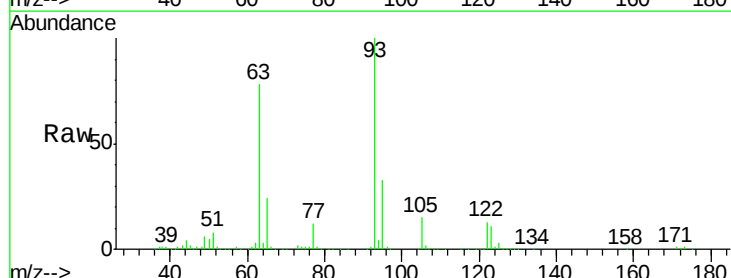
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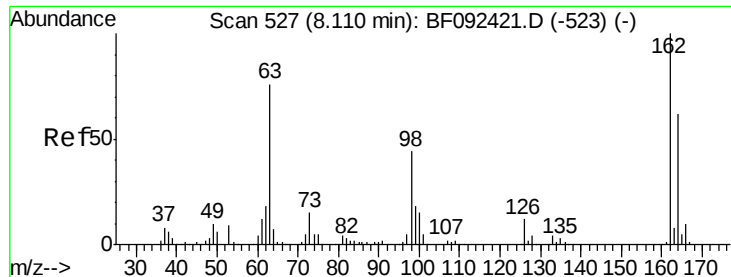
mohammad
1/27/2017 3:03:07 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.86 ng
RT: 8.01 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	646462		
95	33.1	26.5	39.7	
123	10.9	8.6	13.0	





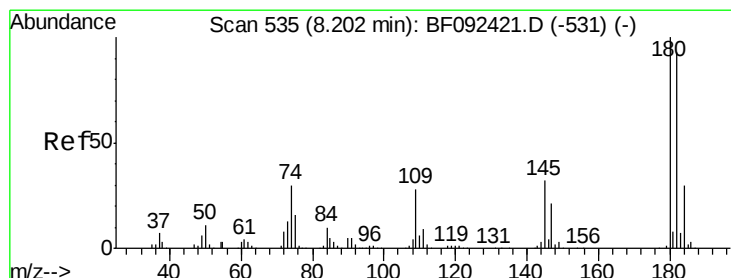
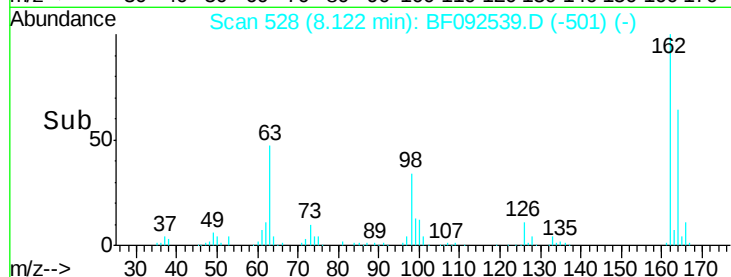
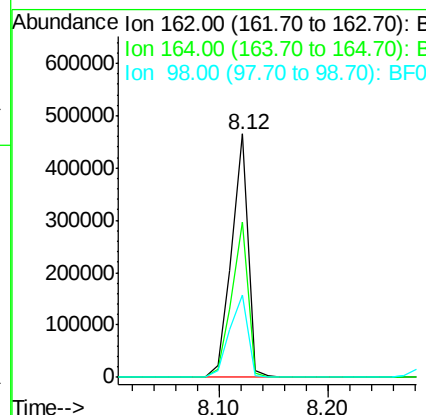
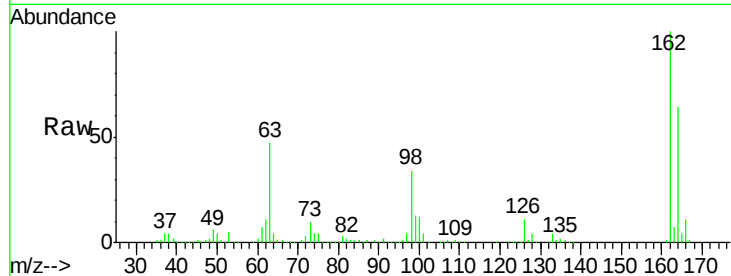
#29
 2,4-Dichlorophenol
 Concen: 52.75 ng
 RT: 8.12 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BF092539.D
 Acq: 26 Jan 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 CHA-WCS-012317-1(0-70)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		486844		
164	63.7	46.8	86.8		
98	33.9	9.1	49.1		

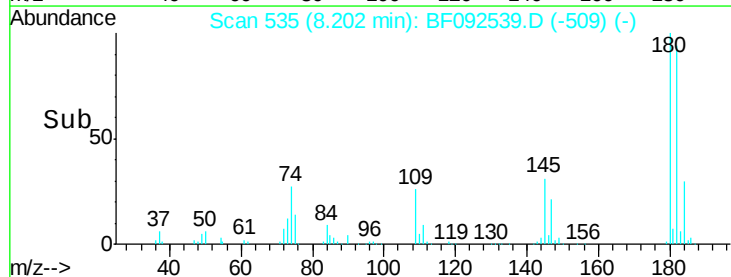
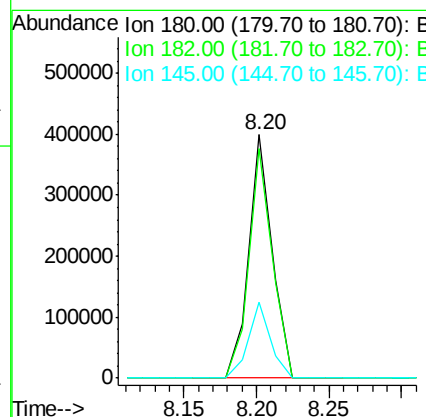
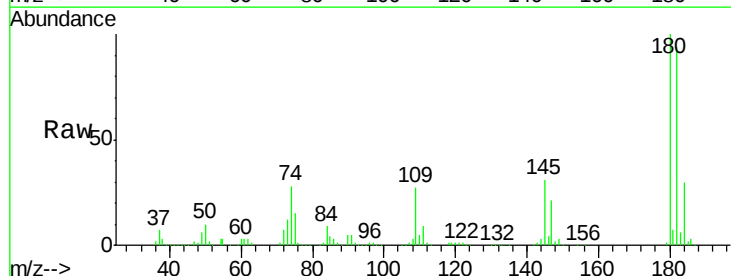
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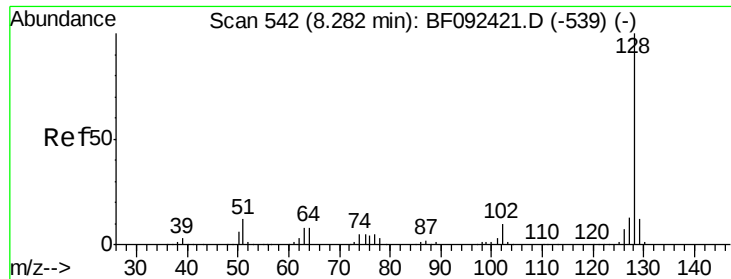
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.63 ng
 RT: 8.20 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF092539.D
 Acq: 26 Jan 2017 21:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		445208		
182	94.2	78.2	117.4		
145	31.2	21.6	32.4		





#31

Naphthalene

Concen: 45.23 ng

RT: 8.28 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF092539.D

Acq: 26 Jan 2017 21:53

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MS

Tot Ion:128 Resp: 1474406

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

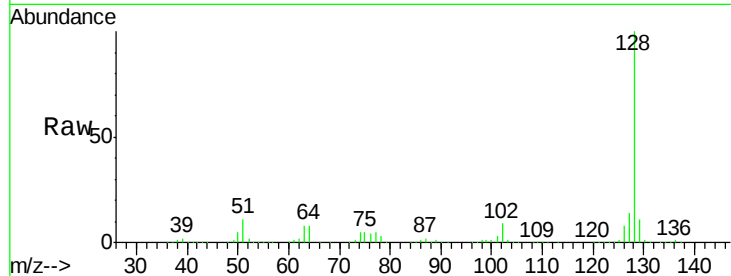
127 13.6 10.8 16.2

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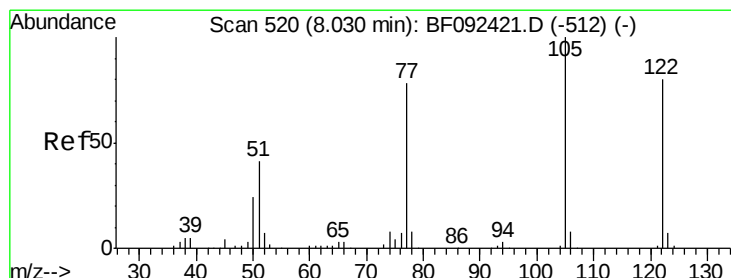
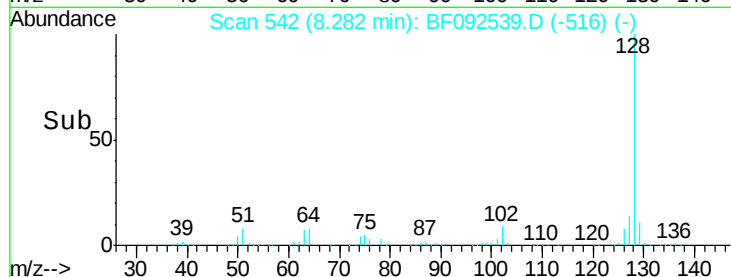
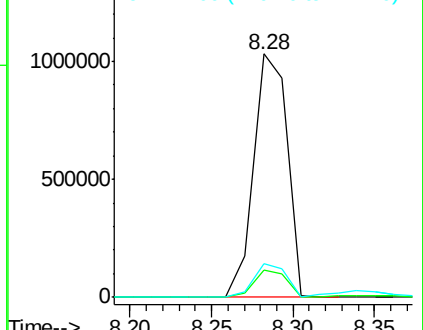
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.86 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.01 min

Lab File: BF092539.D

Acq: 26 Jan 2017 21:53

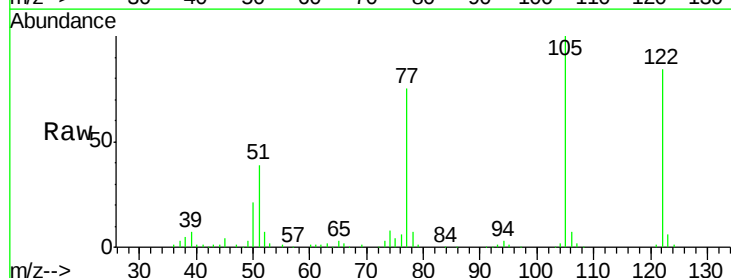
Tgt Ion:122 Resp: 389498

Ion Ratio Lower Upper

122 100

105 119.6 107.2 147.2

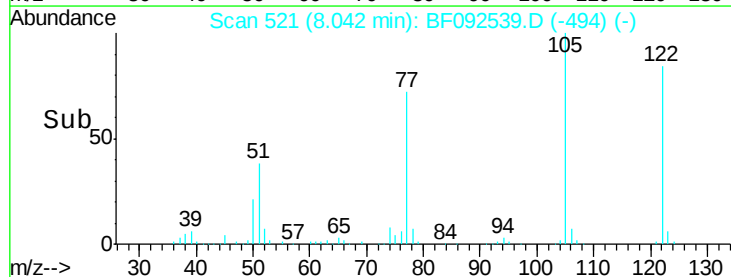
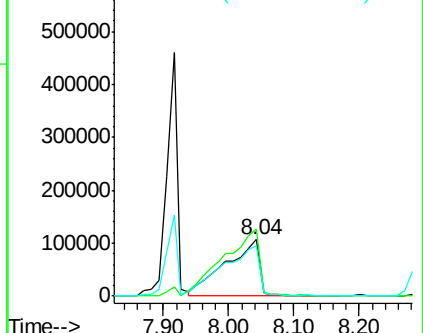
77 89.8 74.5 114.5

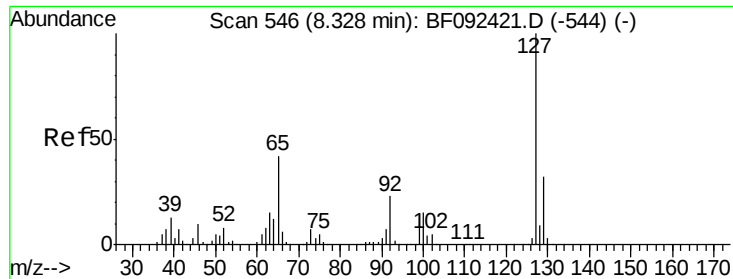


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





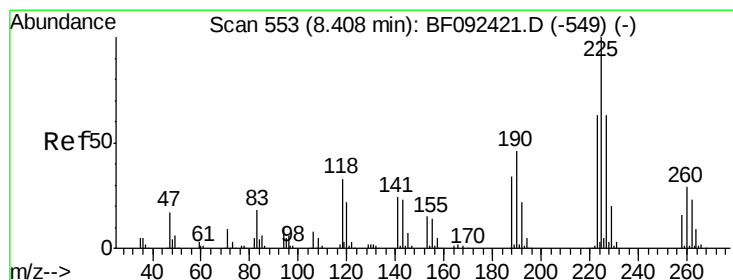
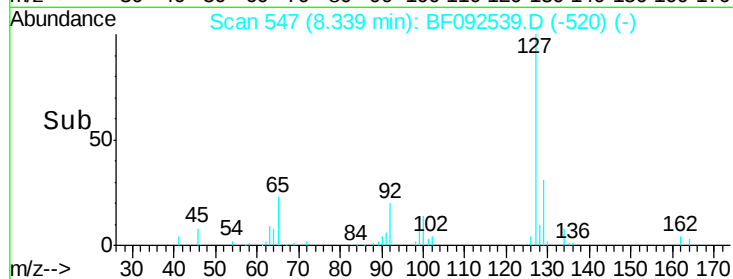
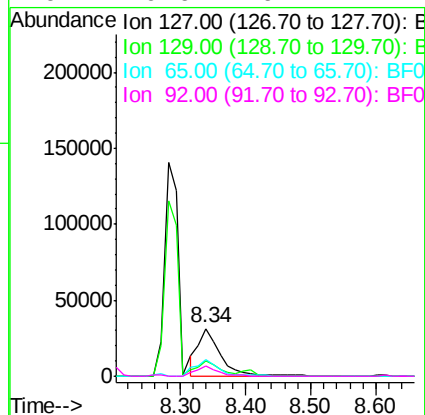
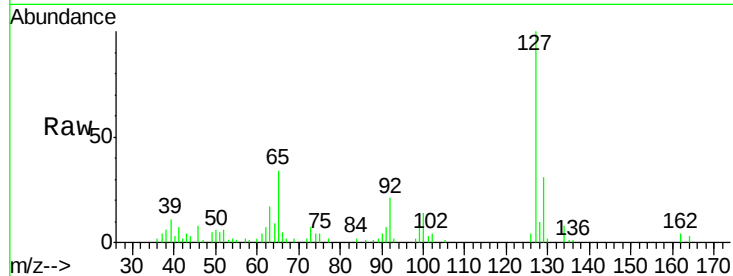
#33
4-Chloroaniline
Concen: 5.45 ng
RT: 8.34 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.5	26.3	39.5		
65	34.3	25.8	38.8		
92	20.6	16.1	24.1		

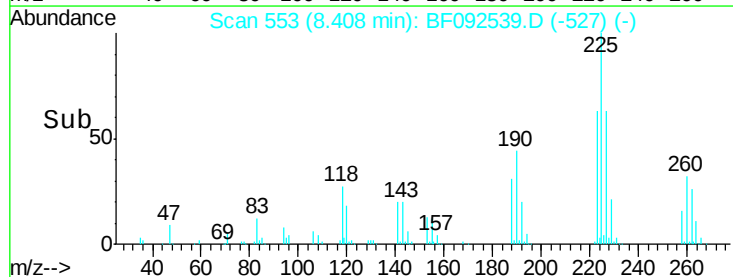
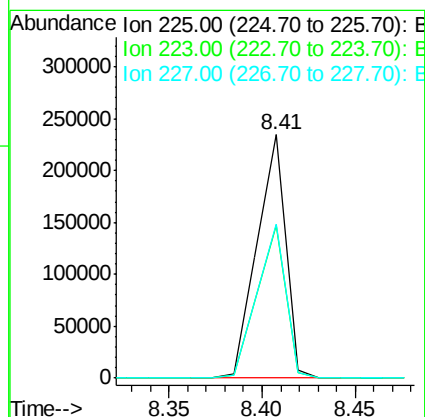
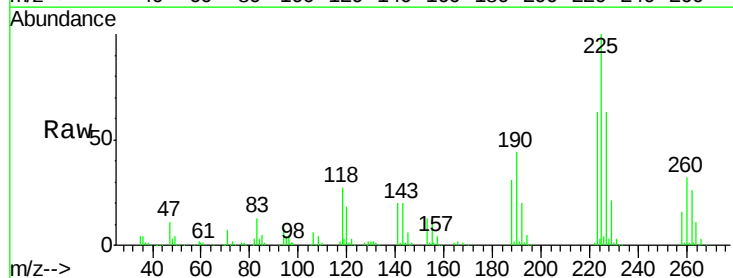
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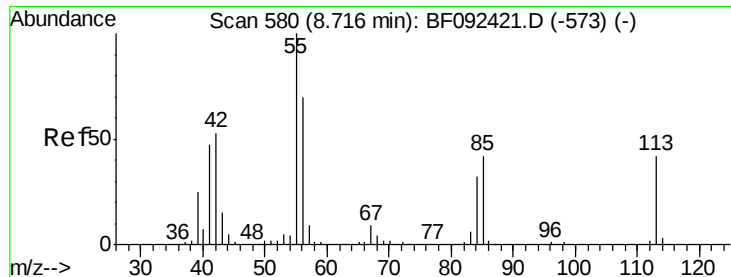
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#34
Hexachlorobutadiene
Concen: 45.61 ng
RT: 8.41 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	51.0	76.6		
227	63.3	50.6	76.0		





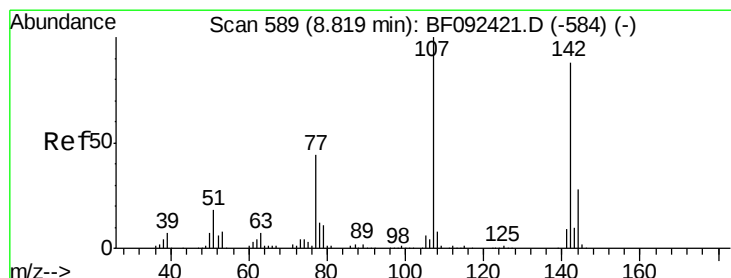
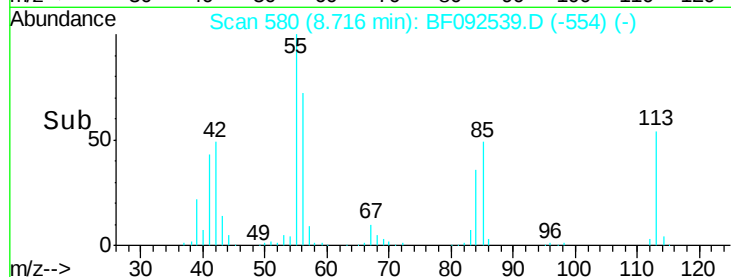
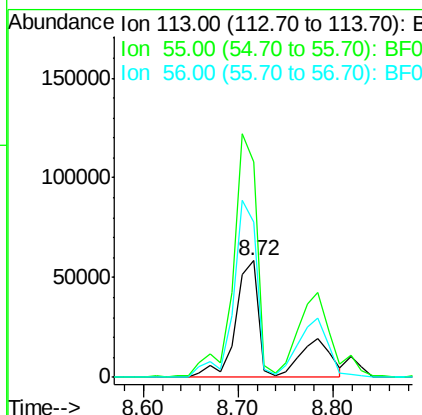
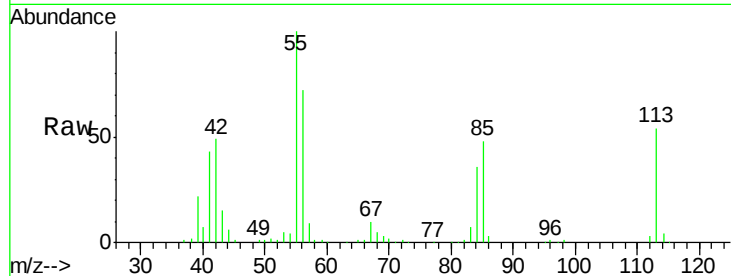
#35
 Caprolactam
 Concen: 45.75 ng/ml
 RT: 8.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF092539.D
 Acq: 26 Jan 2017 21:53

Instrument :
 BNA_F
 ClientSampleID :
 CHA-WCS-012317-1(0-70)MS

Tot Ion:113 Resp: 141009
 Ion Ratio Lower Upper
 113 100
 55 185.4 119.2 159.2#
 56 133.3 83.8 123.8#

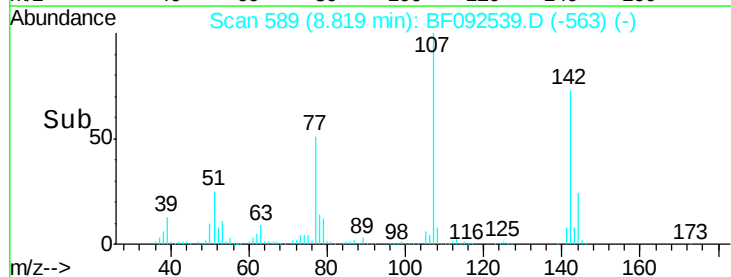
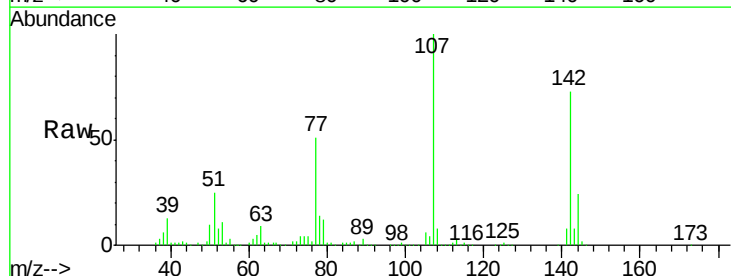
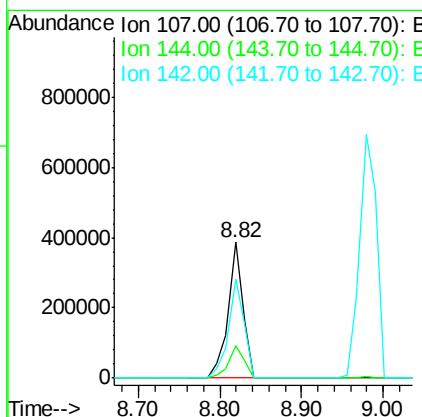
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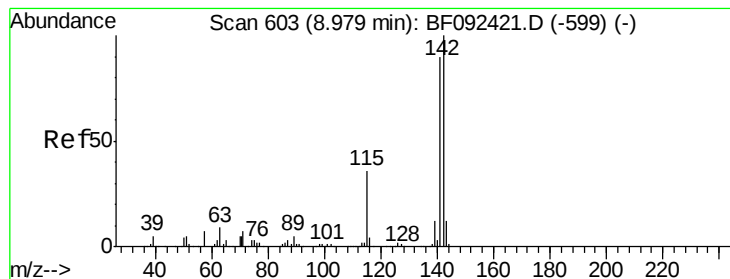
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#36
 4-Chloro-3-methylphenol
 Concen: 49.47 ng/ml
 RT: 8.82 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF092539.D
 Acq: 26 Jan 2017 21:53

Tgt Ion:107 Resp: 492370
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.3 28.9
 142 72.8 59.0 88.6





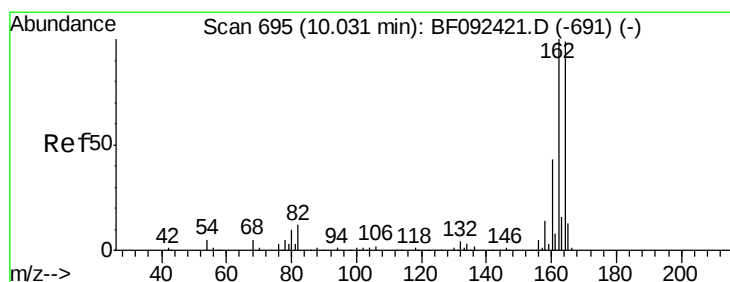
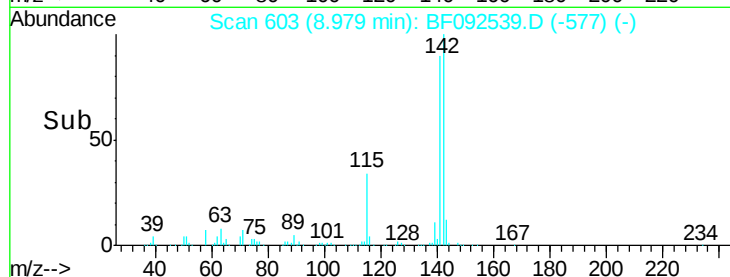
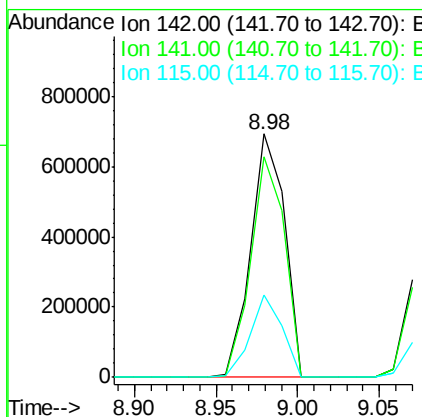
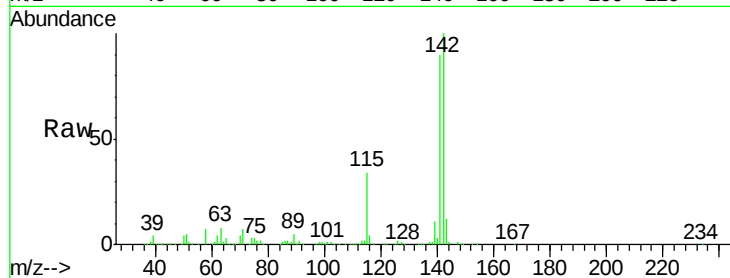
#37
2-Methylnaphthalene
Concen: 48.53 ng
RT: 8.98 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.0	106.6
115	33.7	28.3	42.5

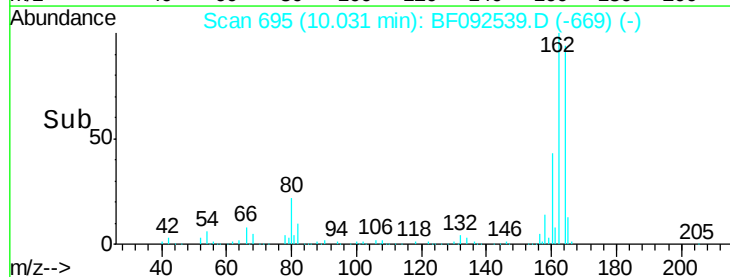
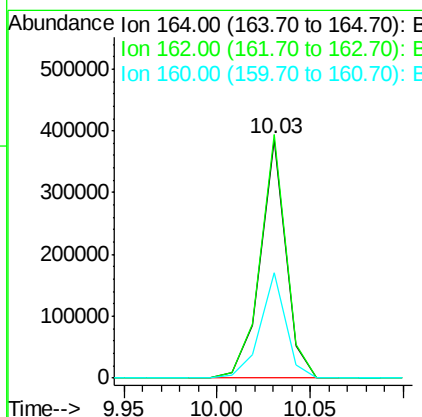
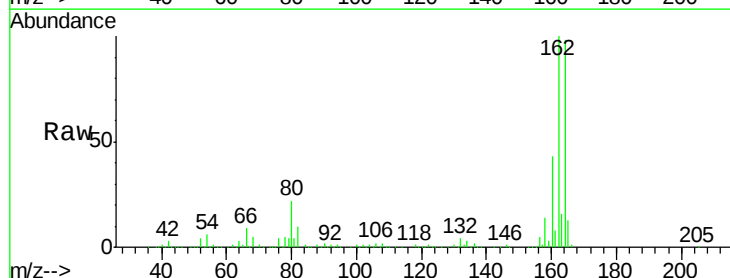
Manual Integrations
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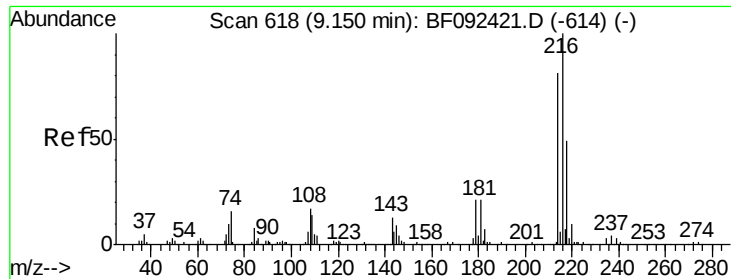
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.2	120.2
160	43.9	36.9	55.3





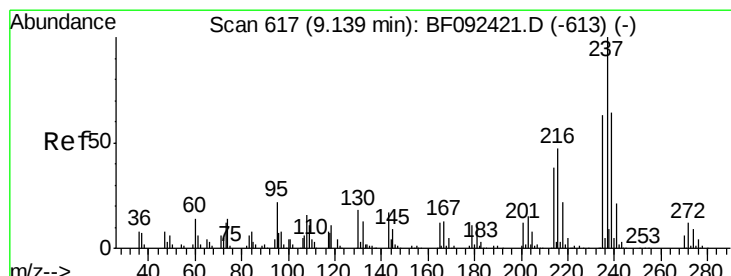
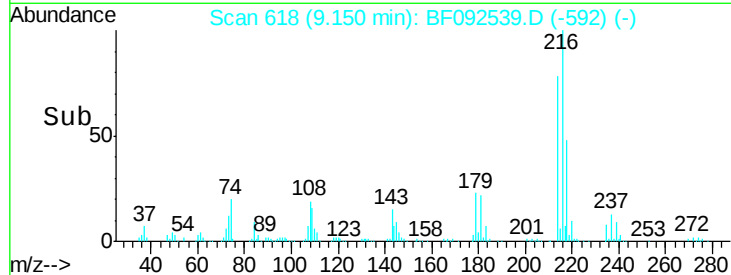
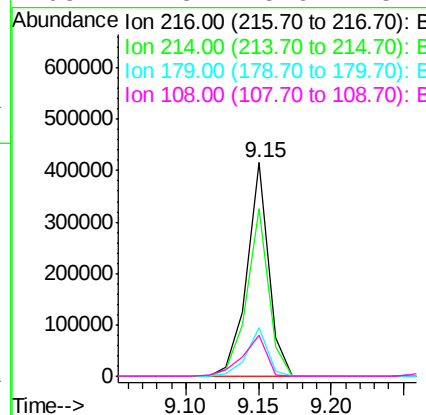
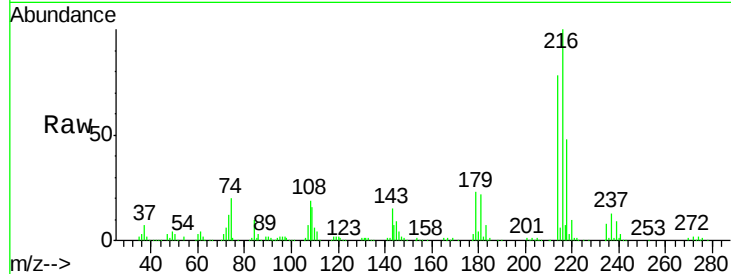
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.94 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF092539.D
 Acq: 26 Jan 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 CHA-WCS-012317-1(0-70)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		434433		
214	78.3	63.4	95.0		
179	21.7	17.4	26.2		
108	21.3	15.6	23.4		

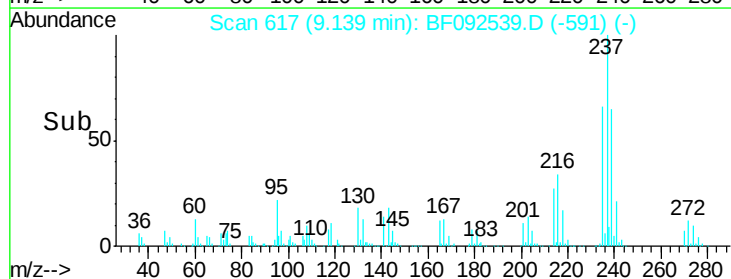
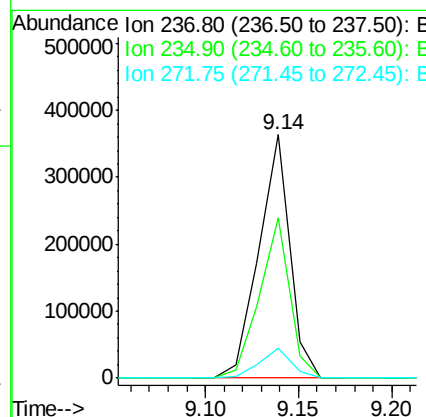
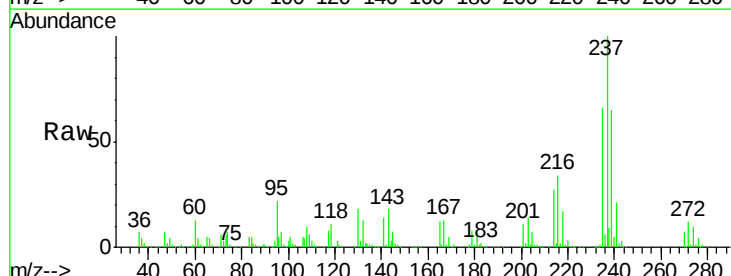
Manual Integrations
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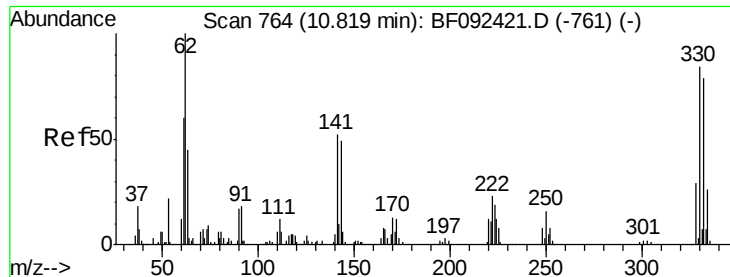
mohammad
 1/27/2017 3:03:07 PM



#40
 Hexachlorocyclopentadiene
 Concen: 89.75 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF092539.D
 Acq: 26 Jan 2017 21:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		415953		
235	65.9	41.2	81.2		
272	12.2	0.0	35.4		





#41

2,4,6-Tribromophenol

Concen: 160.24 ng

RT: 10.83 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF092539.D

Acq: 26 Jan 2017 21:53

Instrument :

BNA_F

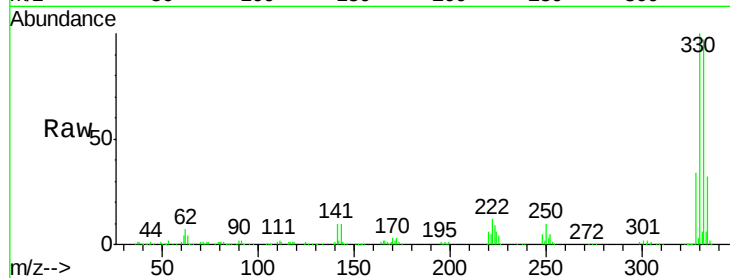
ClientSampleId :

CHA-WCS-012317-1(0-70)MS

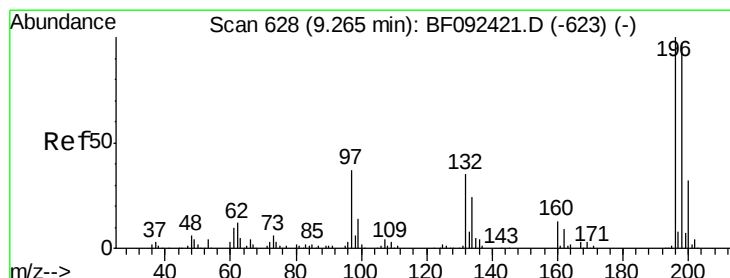
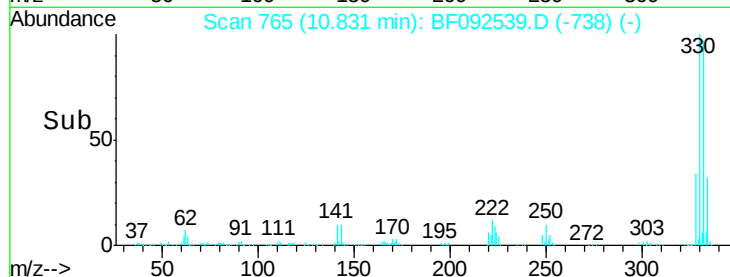
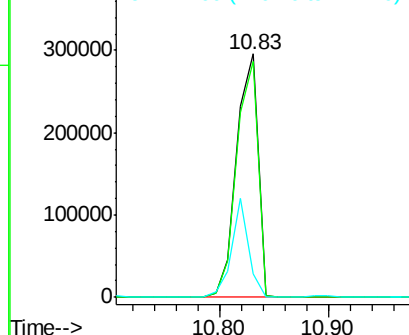
Tot Ion:	330	Resp:	400616
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.4	116.2
141	32.2	34.1	51.1#

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



#42

2,4,6-Trichlorophenol

Concen: 48.20 ng m

RT: 9.26 min Scan# 628

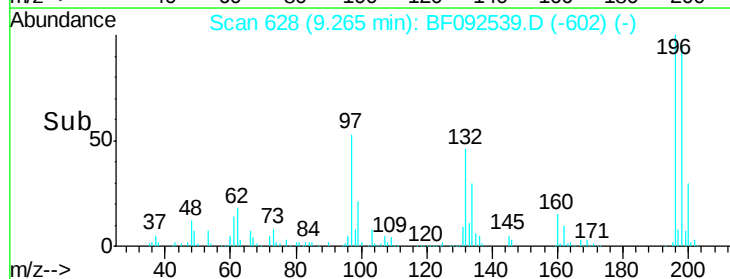
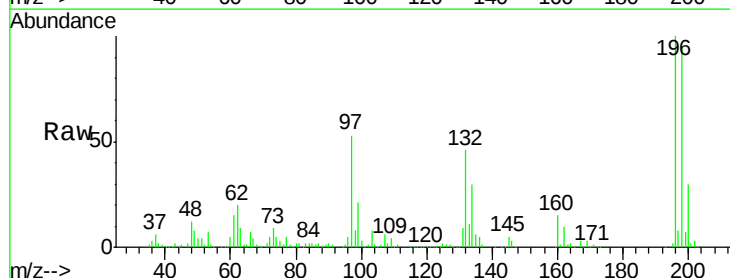
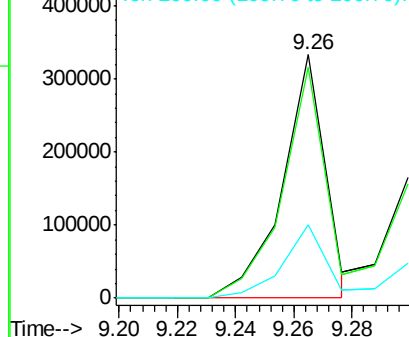
Delta R.T. 0.00 min

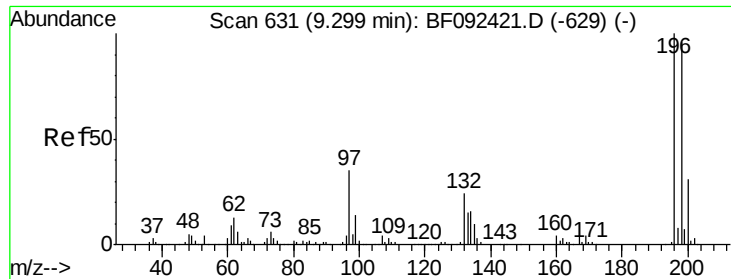
Lab File: BF092539.D

Acq: 26 Jan 2017 21:53

Tgt Ion:	196	Resp:	341737
Ion Ratio	Lower	Upper	
196	100		
198	94.7	82.1	123.1
200	30.0	27.0	40.4

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





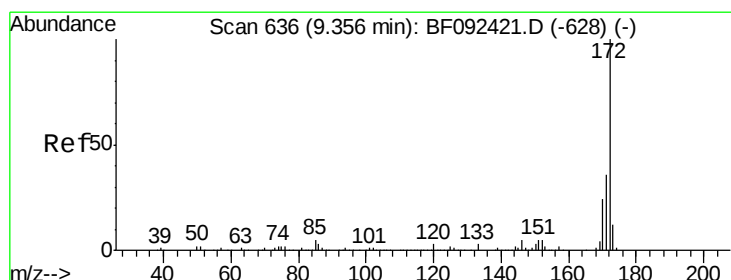
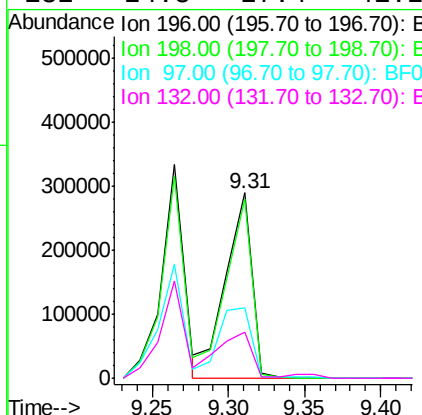
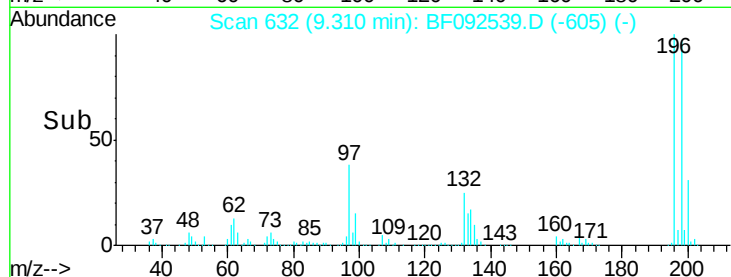
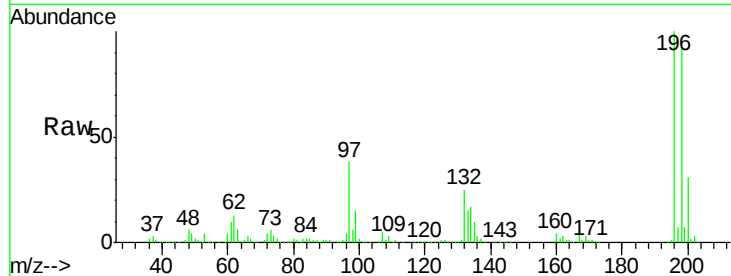
#43
 2,4,5-Trichlorophenol
 Concen: 54.01 ng/mL
 RT: 9.31 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: BF092539.D
 Acq: 26 Jan 2017 21:53

Instrument :
 BNA_F
 ClientSampleID :
 CHA-WCS-012317-1(0-70)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		350414		
198	96.6	79.4	119.2		
97	38.1	51.5	77.3		
132	24.8	27.4	41.2		

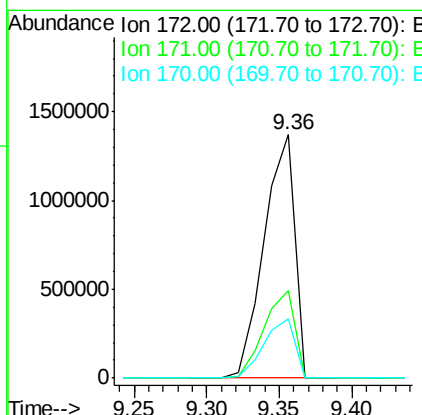
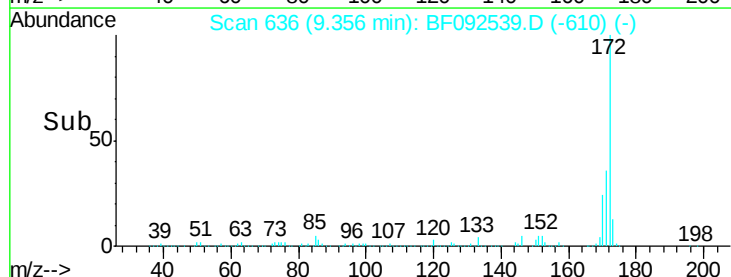
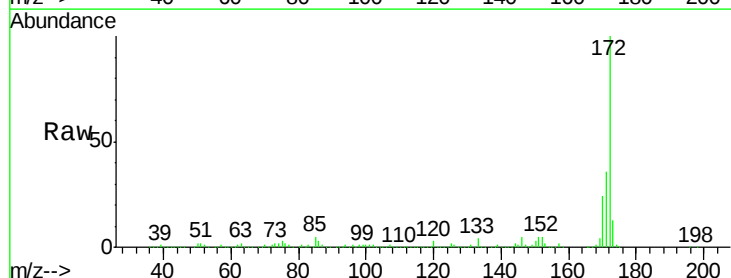
Manual Integrations
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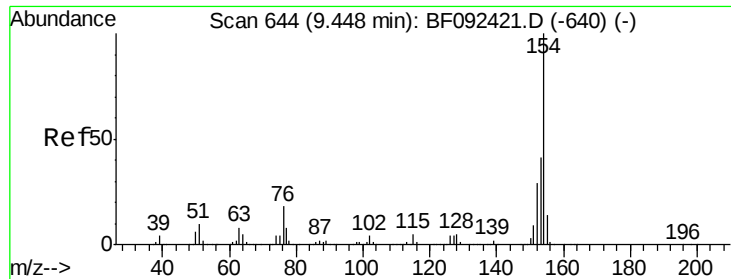
mohammad
 1/27/2017 3:03:07 PM



#44
 2-Fluorobiphenyl
 Concen: 100.78 ng/mL
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF092539.D
 Acq: 26 Jan 2017 21:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1999406		
171	35.7	29.4	44.0		
170	24.2	20.2	30.4		





#45

1,1'-Biphenyl

Concen: 45.95 ng

RT: 9.45 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF092539.D

Acq: 26 Jan 2017 21:53

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MS

Tot Ion:154 Resp: 1218496

Ion Ratio Lower Upper

154 100

153 40.7 20.9 60.9

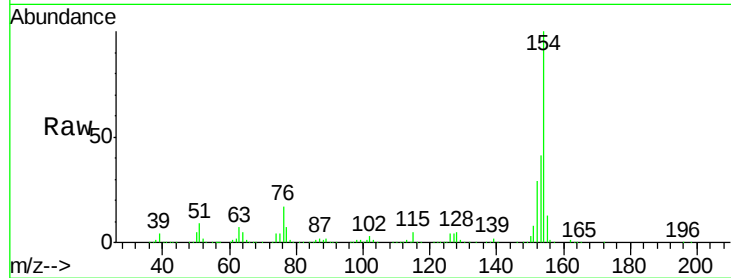
76 17.0 0.0 30.5

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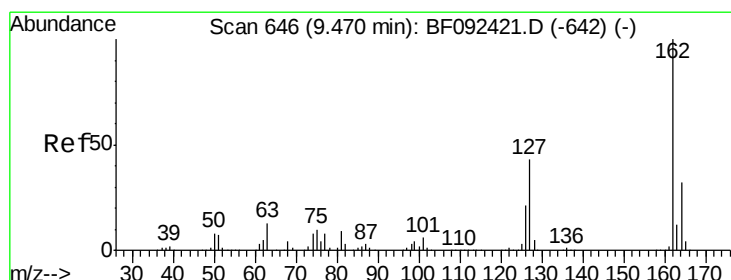
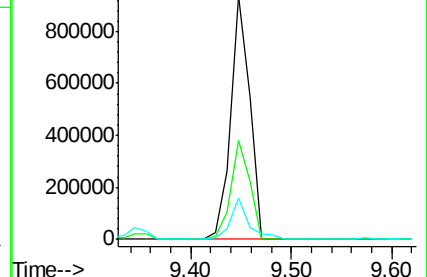
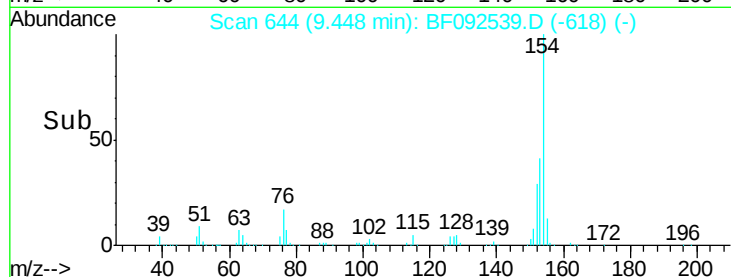
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.23 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.01 min

Lab File: BF092539.D

Acq: 26 Jan 2017 21:53

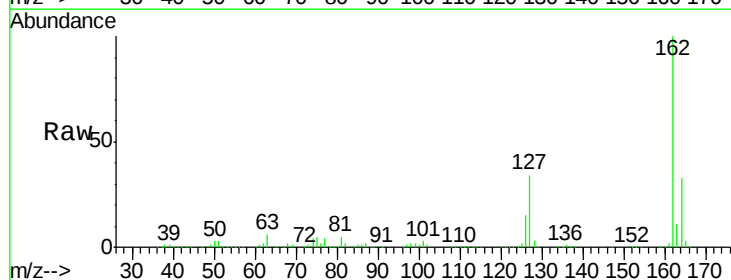
Tgt Ion:162 Resp: 979734

Ion Ratio Lower Upper

162 100

127 34.2 30.7 46.1

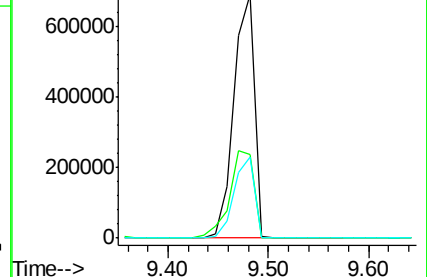
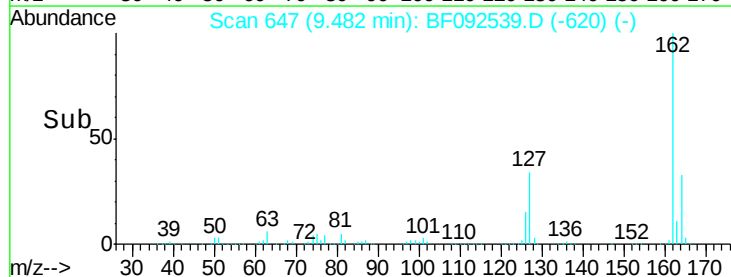
164 33.3 27.6 41.4

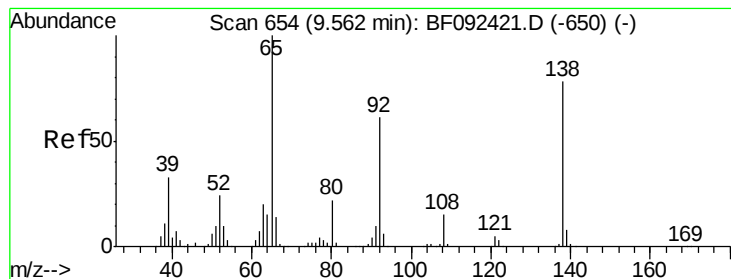


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





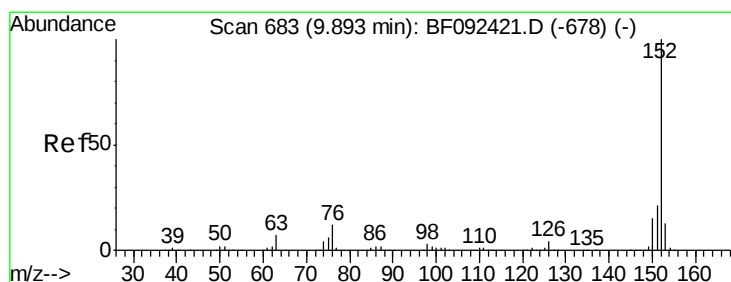
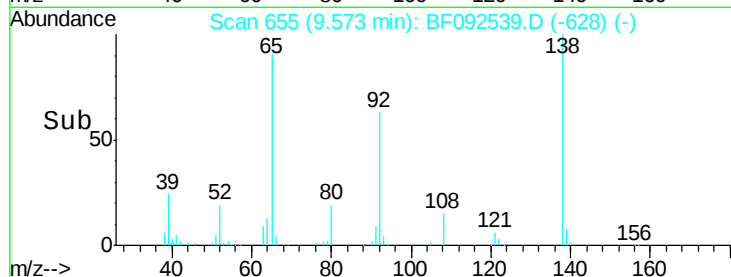
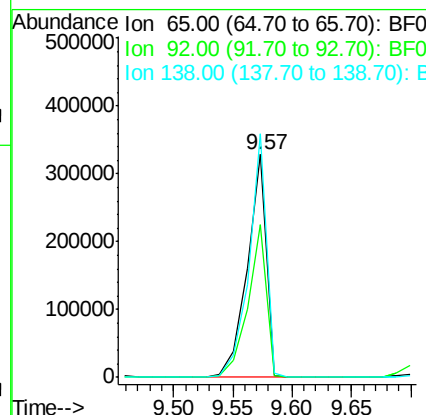
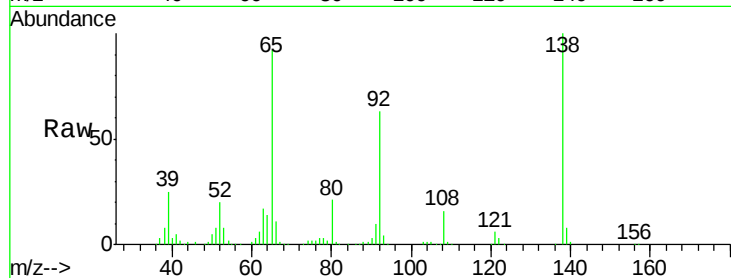
#47
2-Nitroaniline
Concen: 50.47 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.01 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.3	53.9	80.9
138	109.2	76.8	115.2

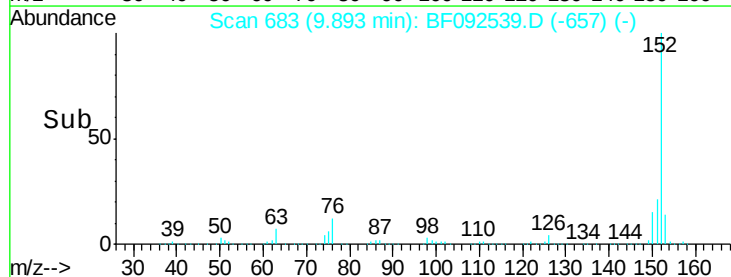
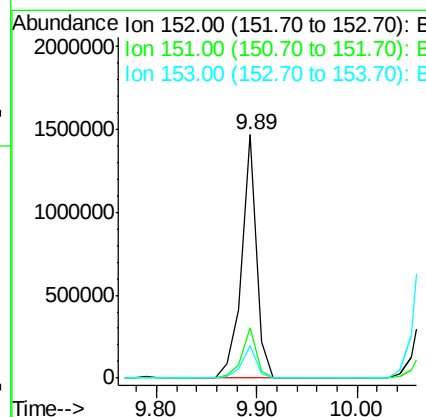
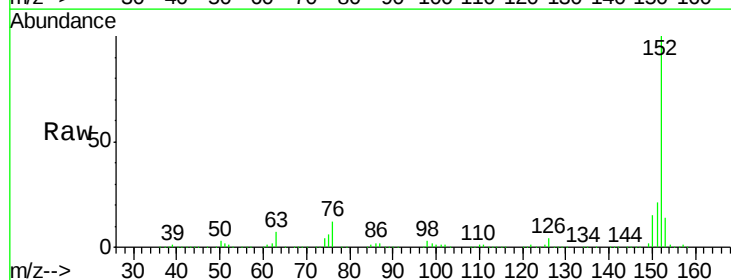
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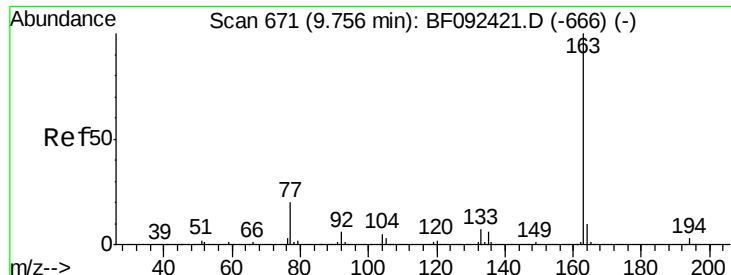
mohammad
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#48
Acenaphthylene
Concen: 47.20 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	13.6	11.4	17.2





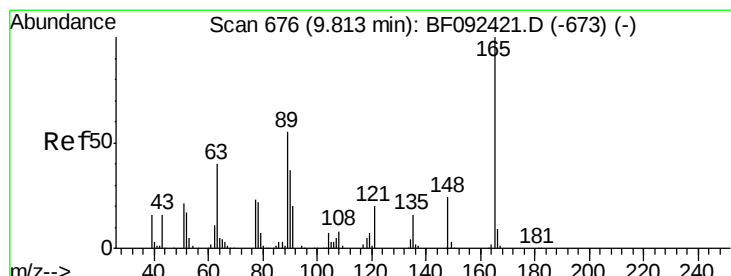
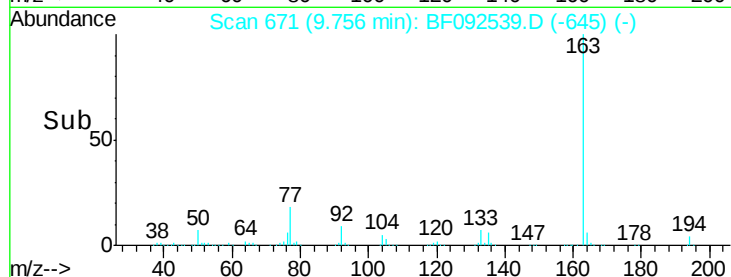
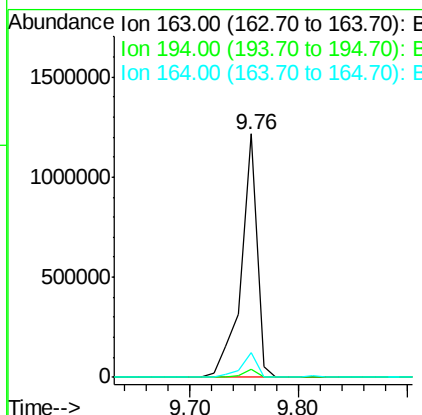
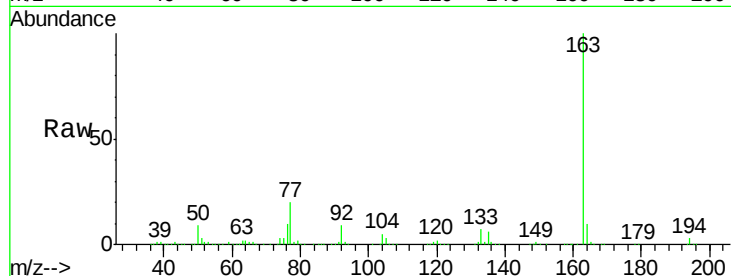
#49
Dimethylphthalate
Concen: 51.83 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.1	8.0	12.0

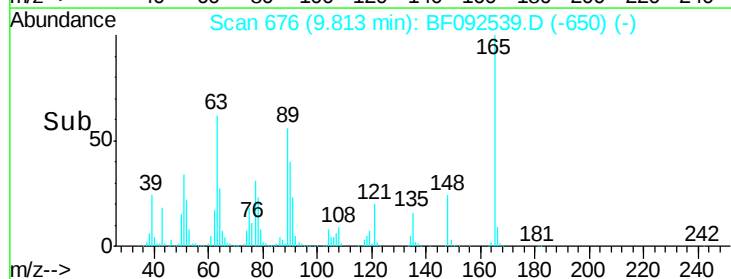
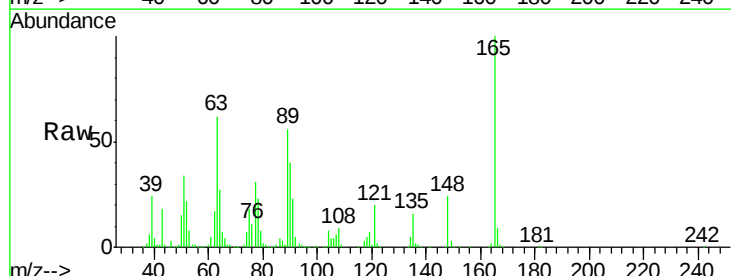
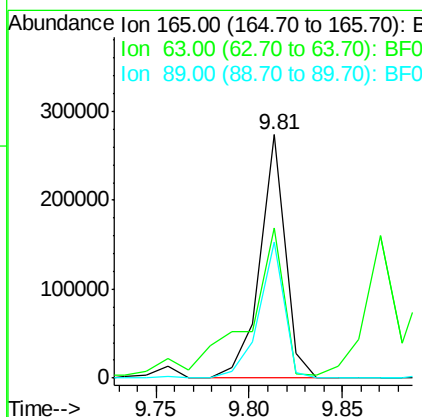
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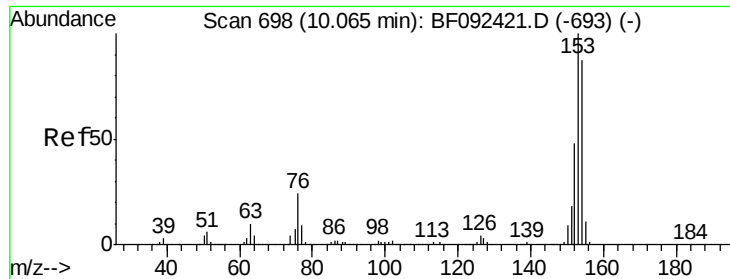
mohammad
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#50
2,6-Dinitrotoluene
Concen: 54.08 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.9	36.2	54.4#
89	55.7	40.2	60.4





#51

Acenaphthene

Concen: 50.71 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF092539.D

Acq: 26 Jan 2017 21:53

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MS

Tot Ion:154 Resp: 1001057

Ion Ratio Lower Upper

154 100

153 114.9 88.6 133.0

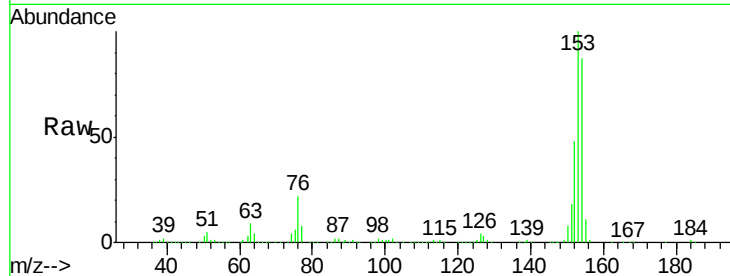
152 54.6 41.6 62.4

Manual Integrations

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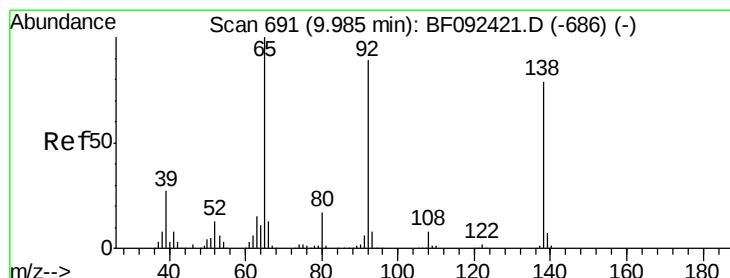
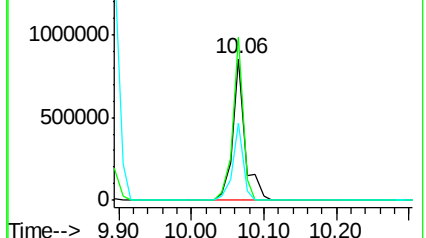
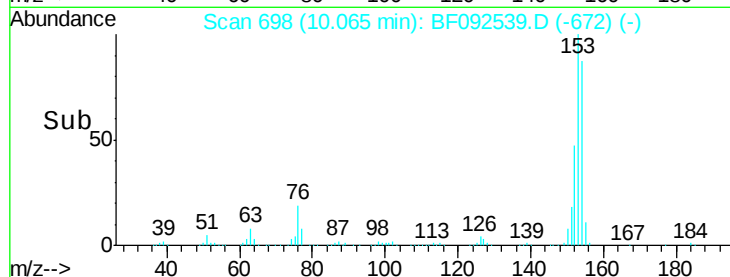
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.10 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF092539.D

Acq: 26 Jan 2017 21:53

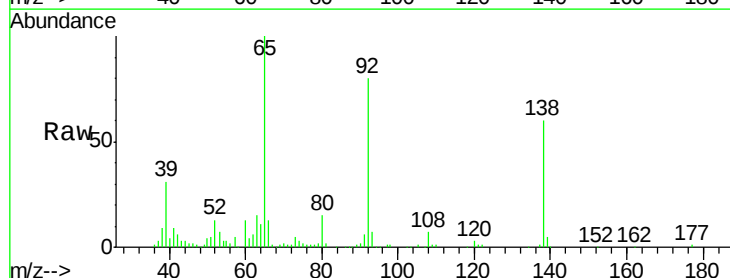
Tgt Ion:138 Resp: 96168

Ion Ratio Lower Upper

138 100

108 11.7 8.5 12.7

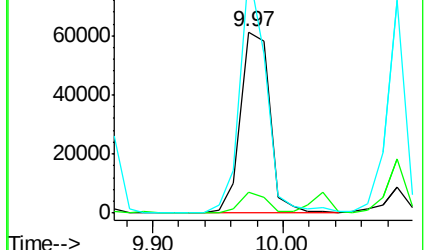
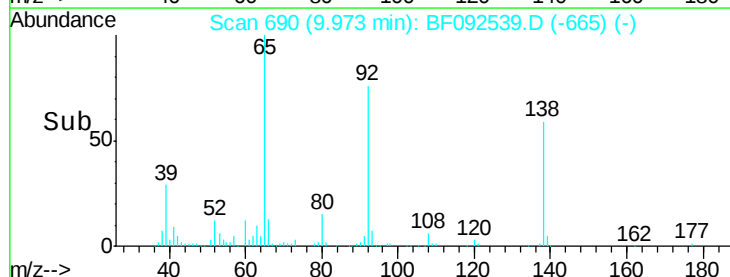
92 134.4 97.8 146.8

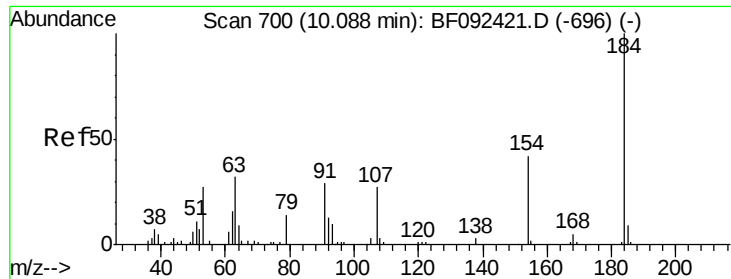


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 80.78 ng

RT: 10.09 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF092539.D

Acq: 26 Jan 2017 21:53

Instrument :

BNA_F

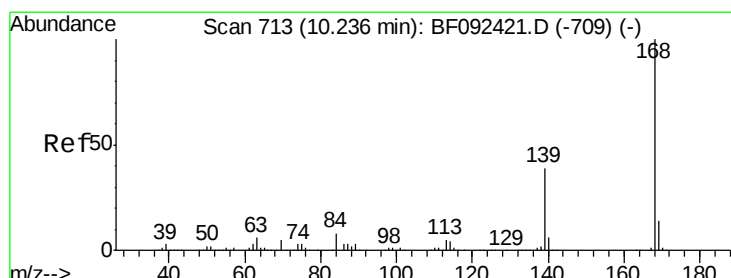
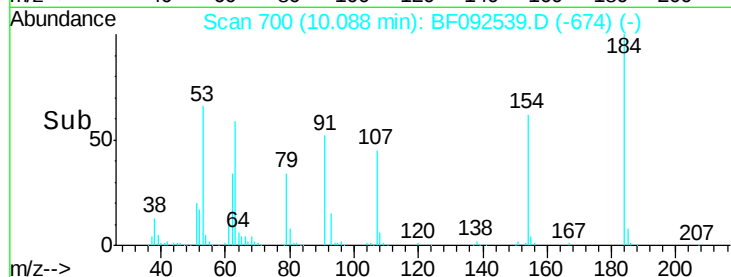
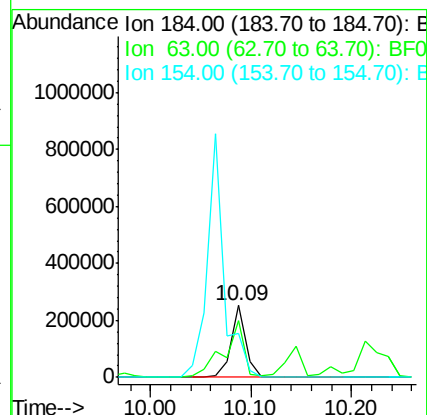
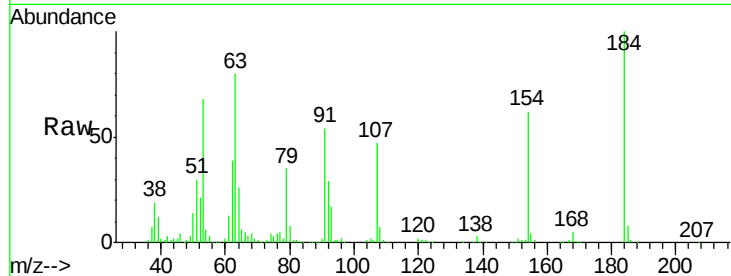
ClientSampleId :

CHA-WCS-012317-1(0-70)MS

Tot Ion:	184	Resp:	257773
Ion Ratio	Lower	Upper	
184	100		
63	79.9	28.4	42.6#
154	61.8	44.3	66.5

Manual Integrations
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#54

Dibenzofuran

Concen: 47.82 ng

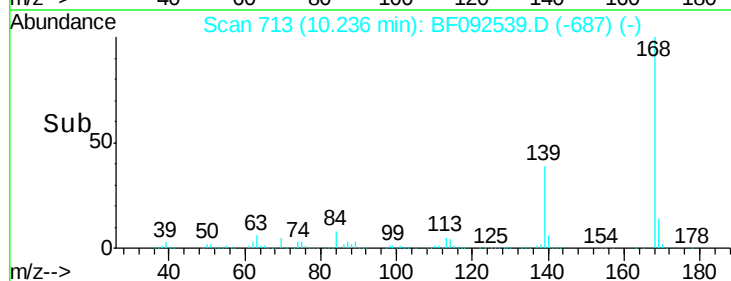
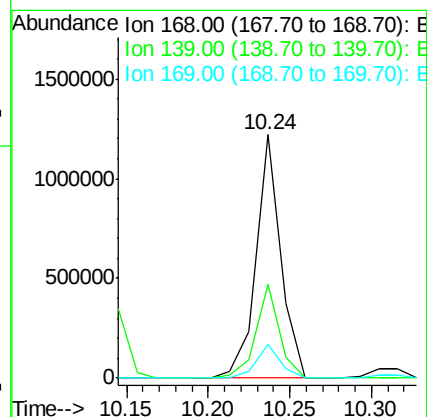
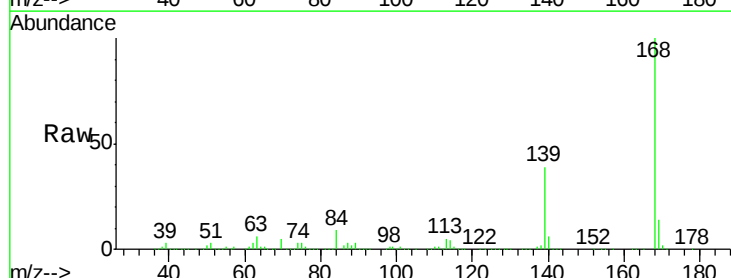
RT: 10.24 min Scan# 713

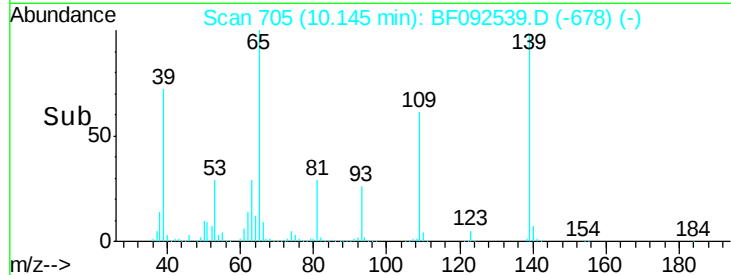
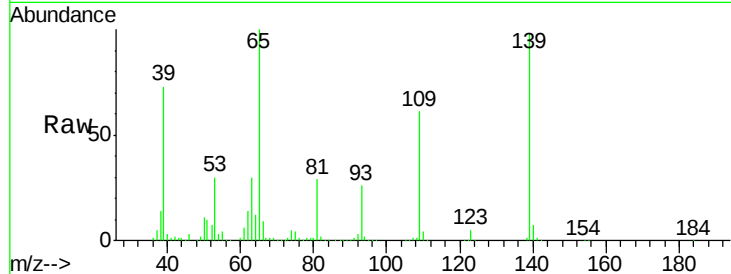
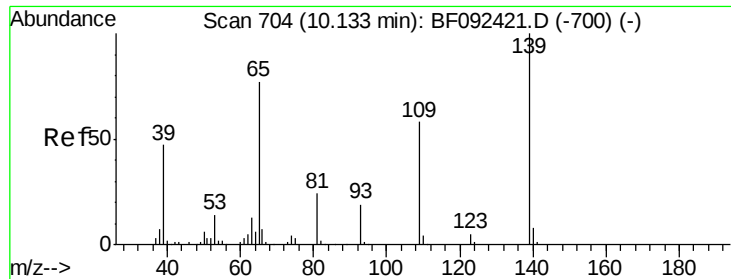
Delta R.T. 0.00 min

Lab File: BF092539.D

Acq: 26 Jan 2017 21:53

Tgt Ion:	168	Resp:	1281782
Ion Ratio	Lower	Upper	
168	100		
139	38.6	32.6	49.0
169	13.9	11.3	16.9





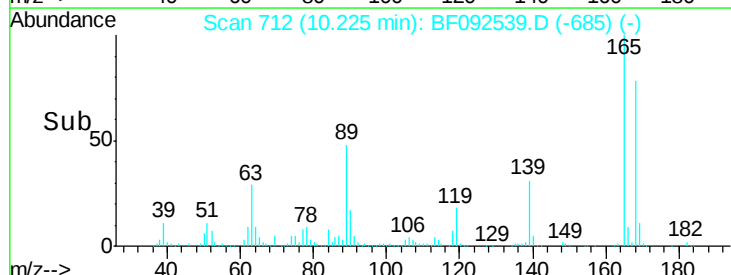
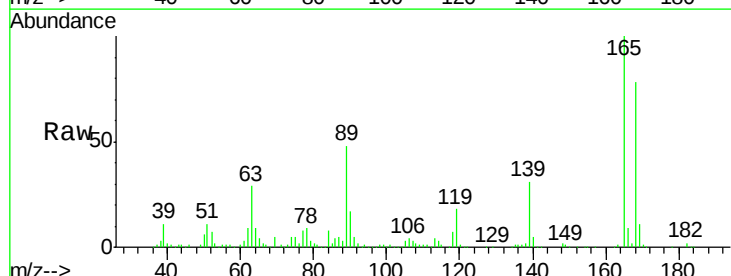
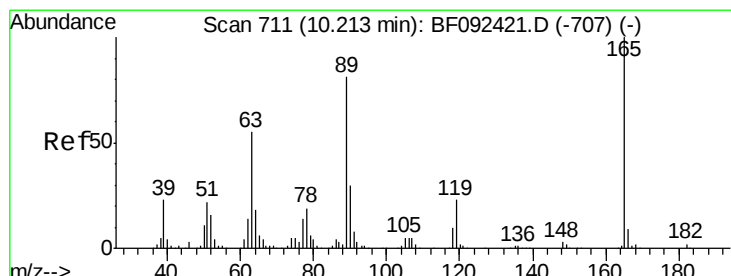
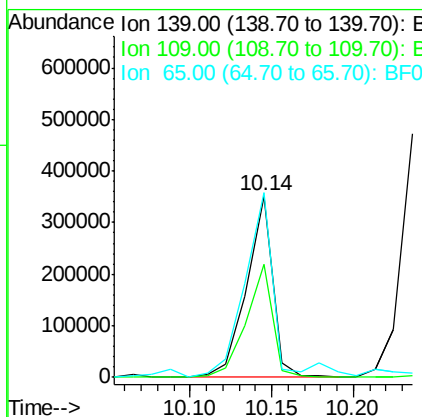
#55
4-Nitrophenol
Concen: 82.59 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Tot Ion:139 Resp: 391713
Ion Ratio Lower Upper
139 100
109 62.5 52.2 92.2
65 102.2 85.8 125.8

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MS

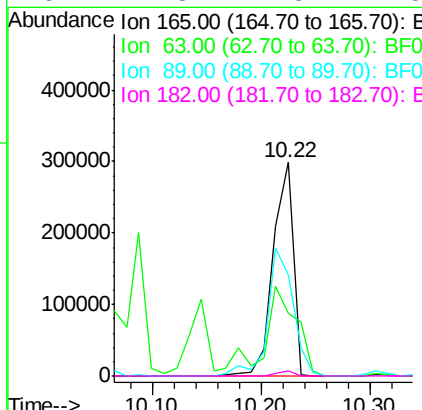
Manual Integrations
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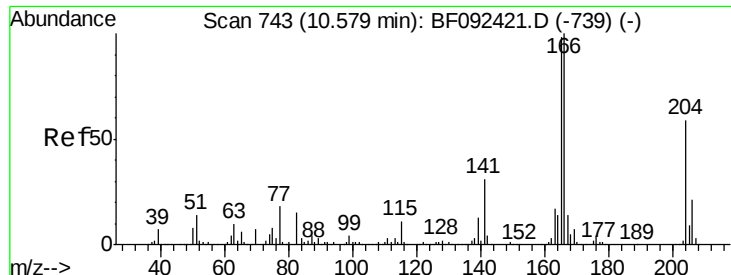
mohammad
1/27/2017 3:03:07 PM



#56
2,4-Dinitrotoluene
Concen: 60.61 ng
RT: 10.22 min Scan# 712
Delta R.T. 0.01 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Tgt Ion:165 Resp: 383626
Ion Ratio Lower Upper
165 100
63 29.4 40.2 60.4#
89 47.5 62.5 93.7#
182 2.3 1.8 2.8





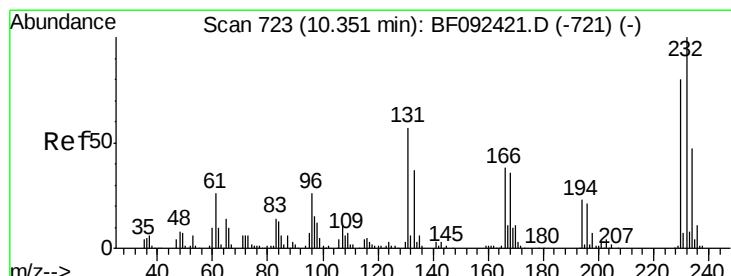
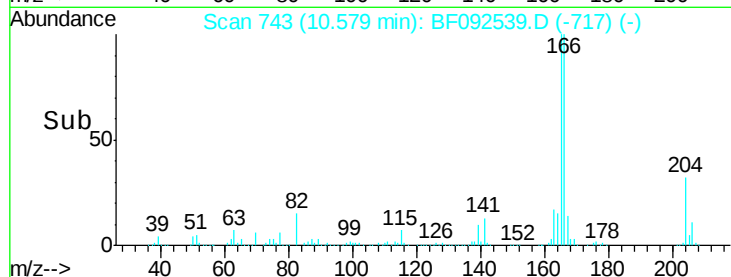
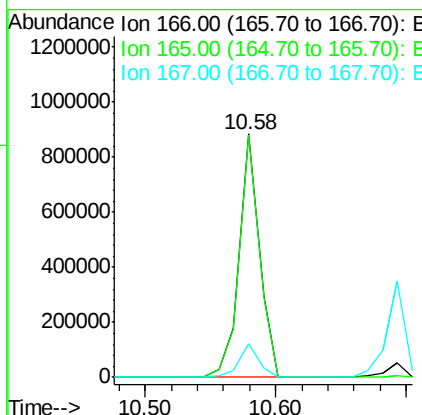
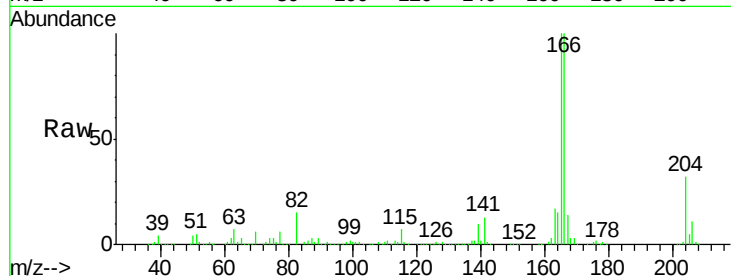
#57
Fluorene
 Concen: 48.14 ng
 RT: 10.58 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: BF092539.D
 Acq: 26 Jan 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 CHA-WCS-012317-1(0-70)MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	956787		
165	99.7	77.8	116.8	
167	13.7	10.8	16.2	

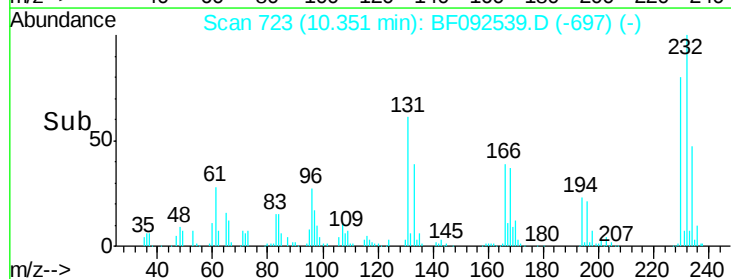
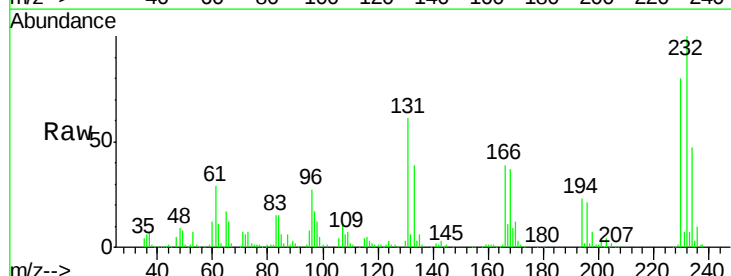
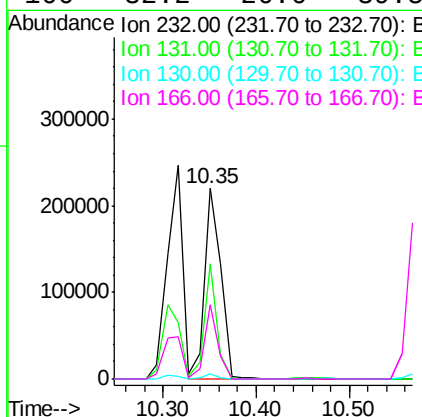
Manual Integrations
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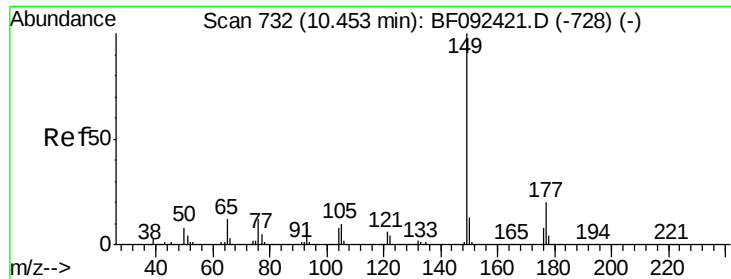
mohammad
 1/27/2017 3:03:07 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 54.98 ng
 RT: 10.35 min Scan# 723
 Delta R.T. 0.00 min
 Lab File: BF092539.D
 Acq: 26 Jan 2017 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	267237		
131	47.1	40.1	60.1	
130	2.3	1.8	2.8	
166	32.2	26.6	39.8	





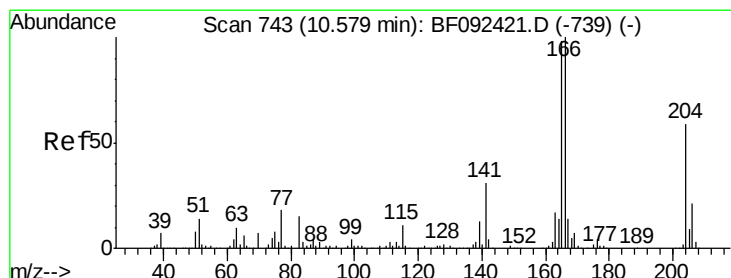
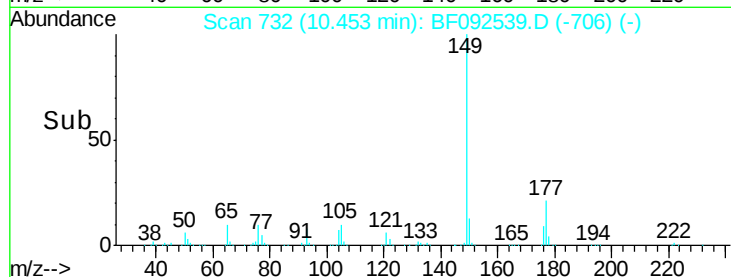
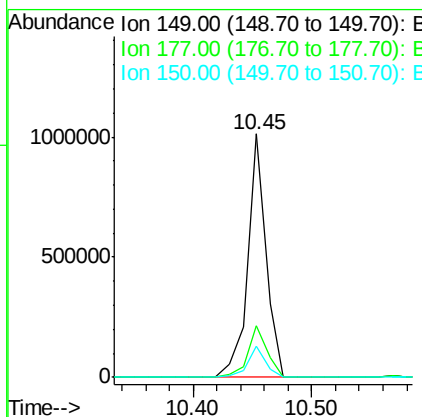
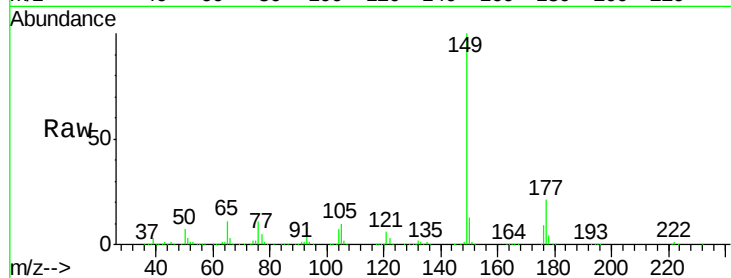
#59
Diethylphthalate
Concen: 48.64 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MS

Tot Ion:149 Resp: 1088129
Ion Ratio Lower Upper
149 100
177 21.2 16.6 25.0
150 12.9 10.4 15.6

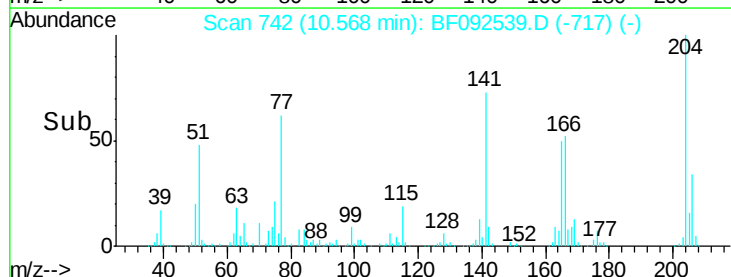
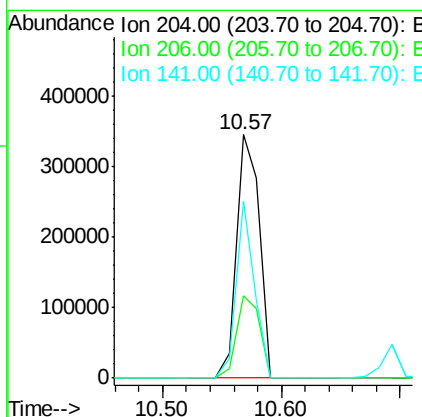
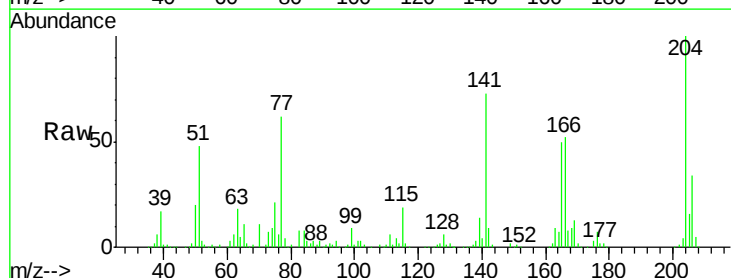
Manual Integrations
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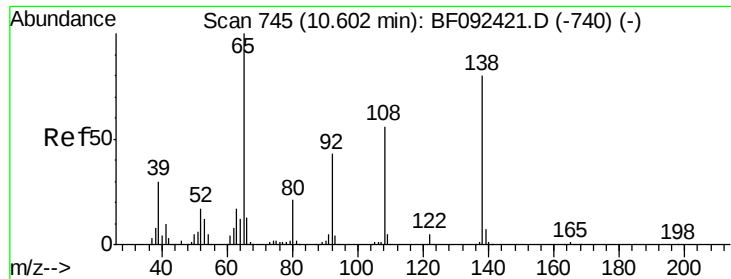
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 47.51 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Tgt Ion:204 Resp: 458038
Ion Ratio Lower Upper
204 100
206 33.8 25.8 38.6
141 72.7 59.4 89.0





#61

4-Nitroaniline

Concen: 43.73 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF092539.D

Acq: 26 Jan 2017 21:53

Instrument :

BNA_F

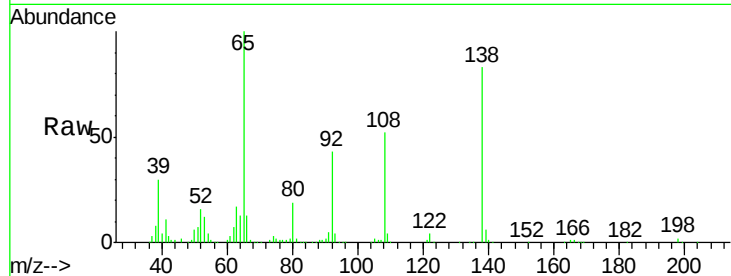
ClientSampleId :

CHA-WCS-012317-1(0-70)MS

Tot Ion:	138	Resp:	261217
Ion Ratio	Lower	Upper	
138	100		
92	51.7	31.7	71.7
108	62.6	52.6	92.6

Manual Integrations
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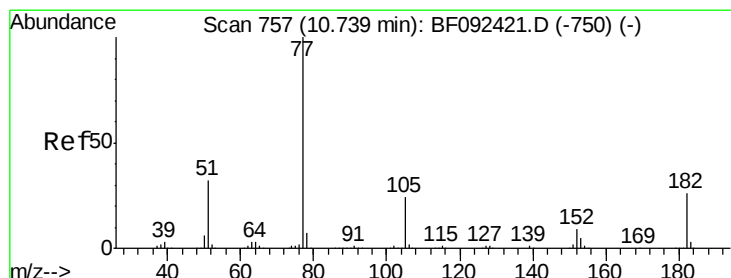
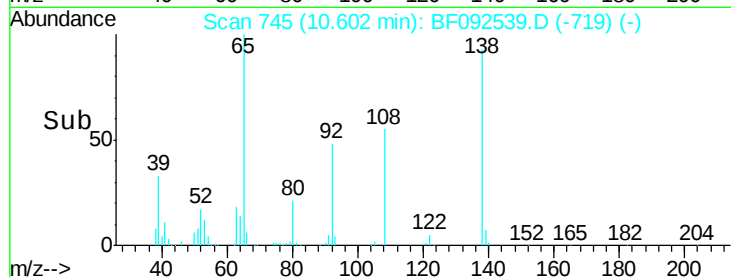
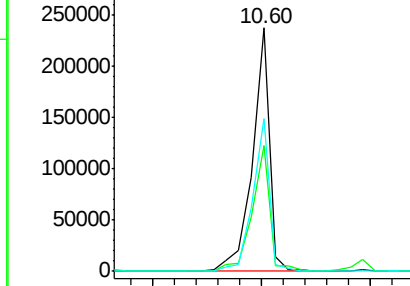
mohammad
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.57 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF092539.D

Acq: 26 Jan 2017 21:53

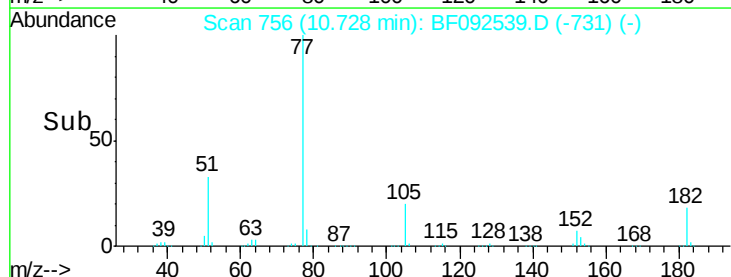
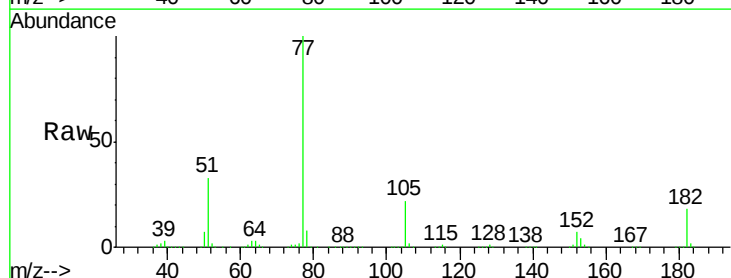
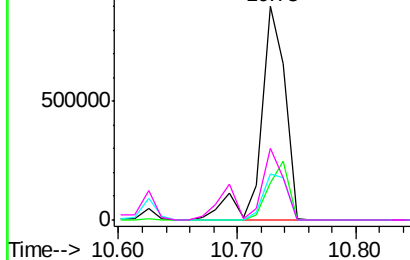
Tgt Ion:	77	Resp:	1287340
Ion Ratio	Lower	Upper	
77	100		
182	17.5	0.0	39.3
105	21.8	2.3	42.3
51	33.3	8.9	48.9

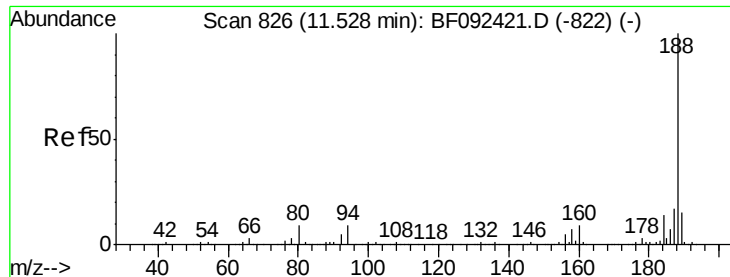
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





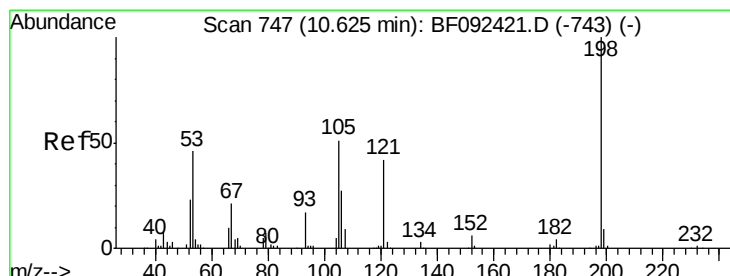
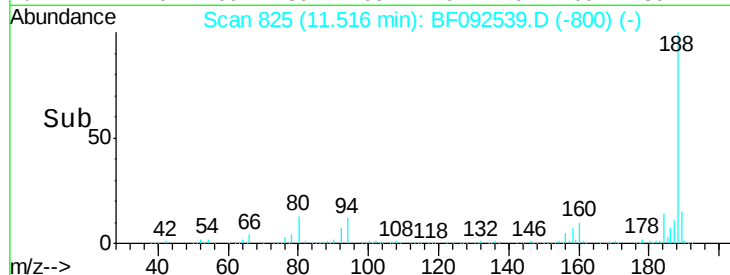
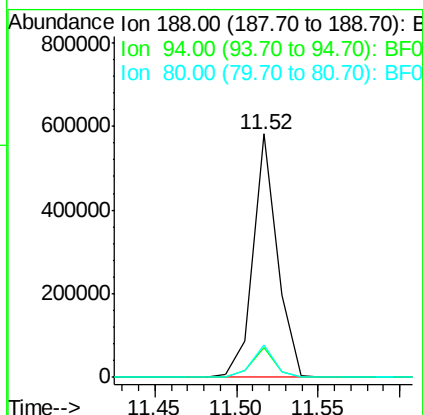
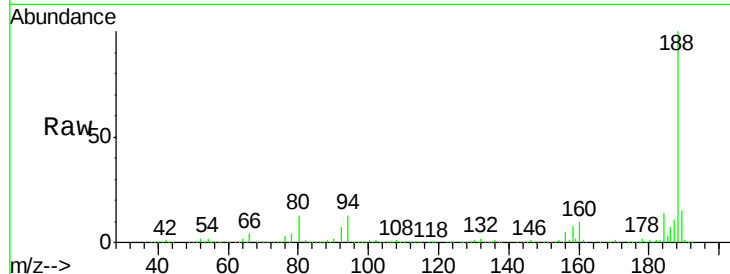
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092539.D
 Acq: 26 Jan 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 CHA-WCS-012317-1(0-70)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	602560		
94	12.5	10.0	15.0	
80	13.3	11.2	16.8	

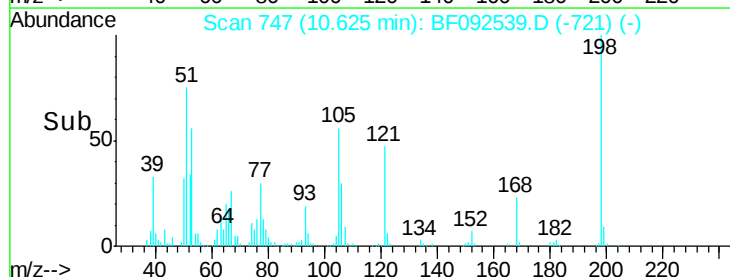
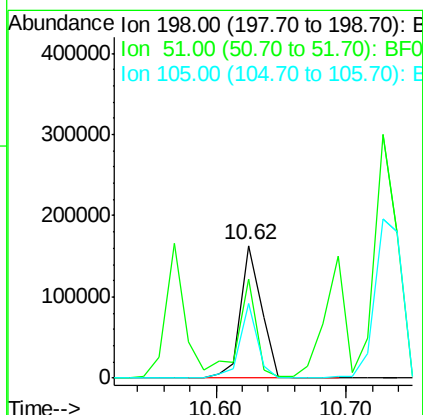
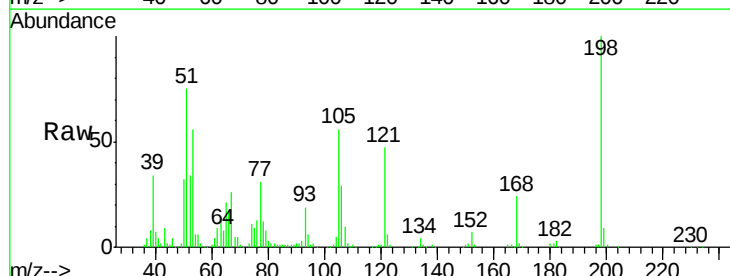
Manual Integrations
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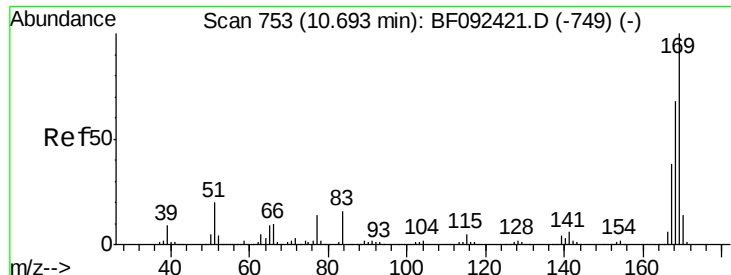
mohammad
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 55.06 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF092539.D
 Acq: 26 Jan 2017 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	181434		
51	74.9	6.7	46.7#	
105	56.2	16.6	56.6	





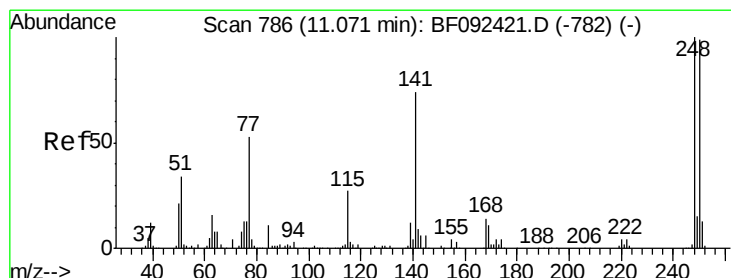
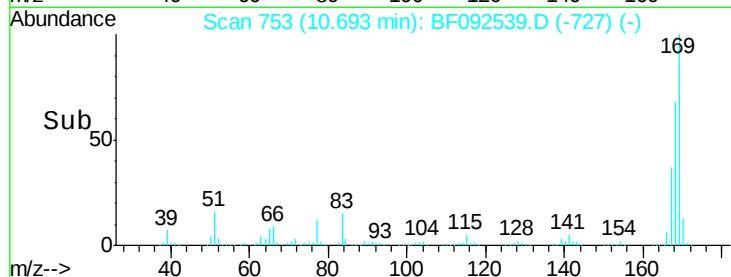
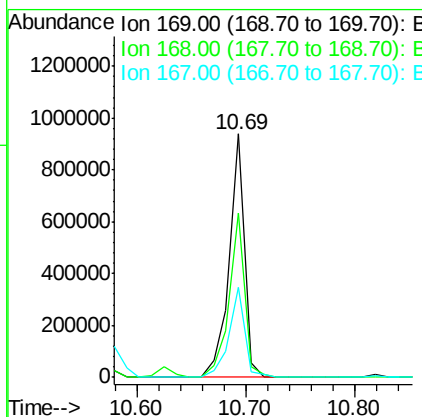
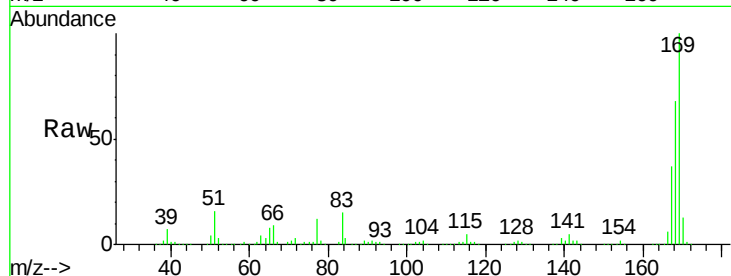
#65
n-Nitrosodiphenylamine
Concen: 48.38 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.2	81.2
167	37.2	30.2	45.4

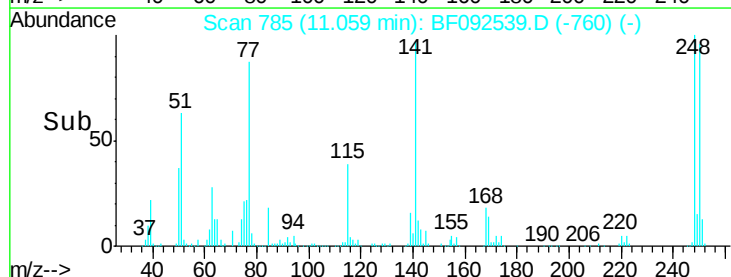
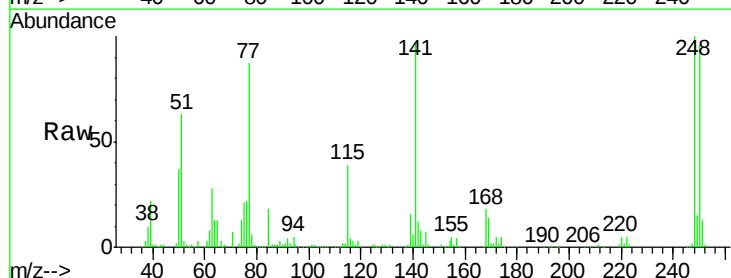
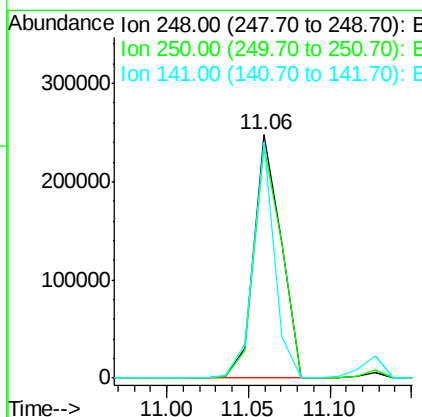
Manual Integrations
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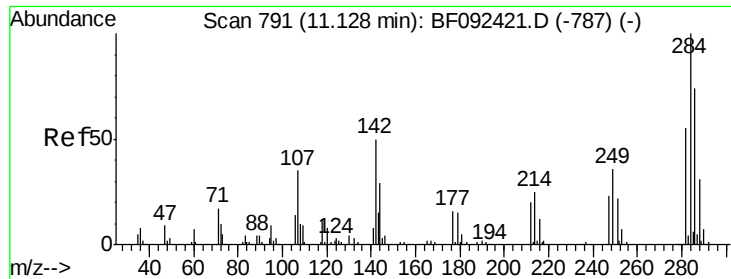
mohammad
1/27/2017 3:03:07 PM



#66
4-Bromophenyl-phenylether
Concen: 47.01 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.5	76.9	115.3
141	96.9	68.2	102.4





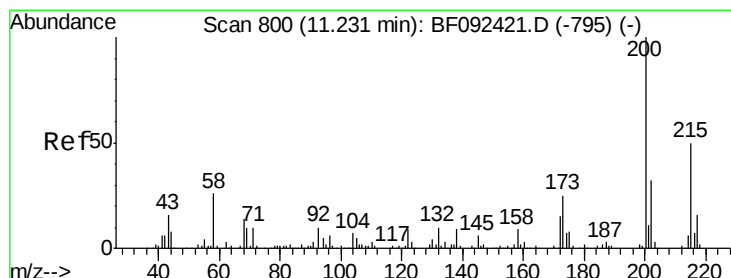
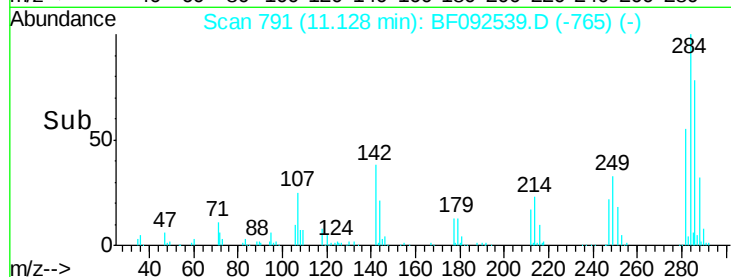
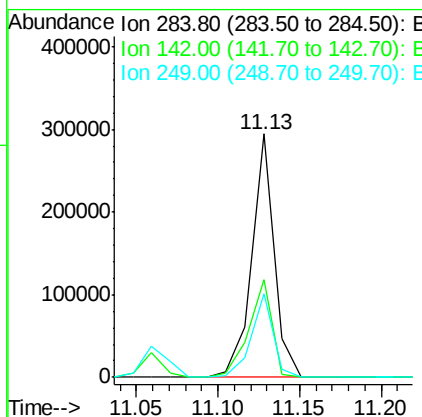
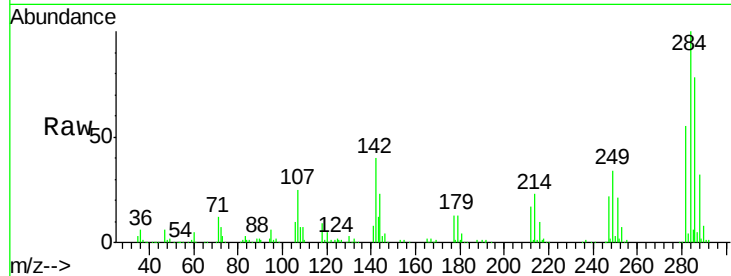
#67
Hexachlorobenzene
Concen: 45.66 ng
RT: 11.13 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	280776		
142	40.2	22.6	33.8#	
249	34.4	25.4	38.0	

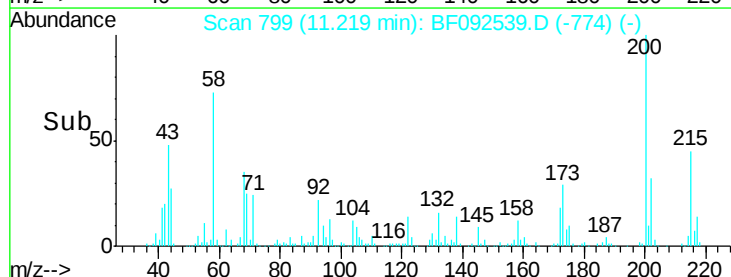
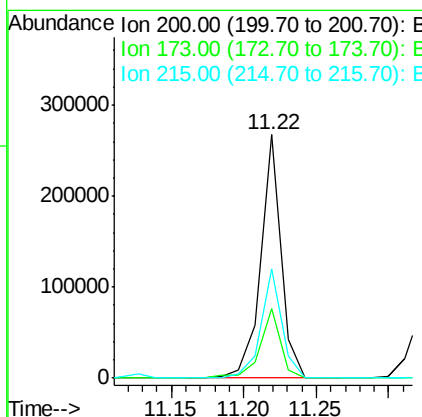
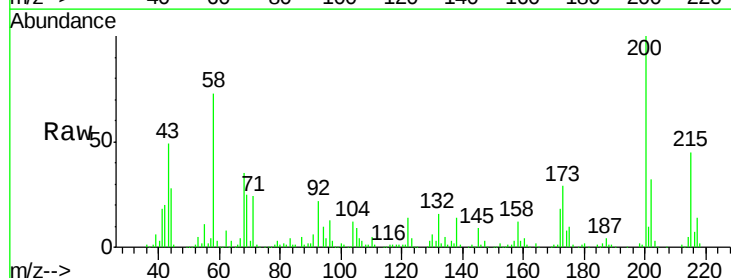
Manual Integrations
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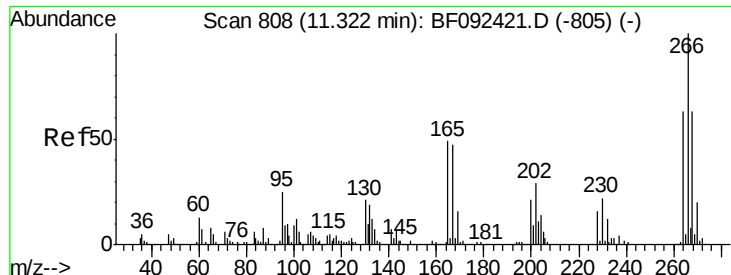
mohammad
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#68
Atrazine
Concen: 40.49 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	260763		
173	28.6	9.6	49.6	
215	44.7	25.7	65.7	





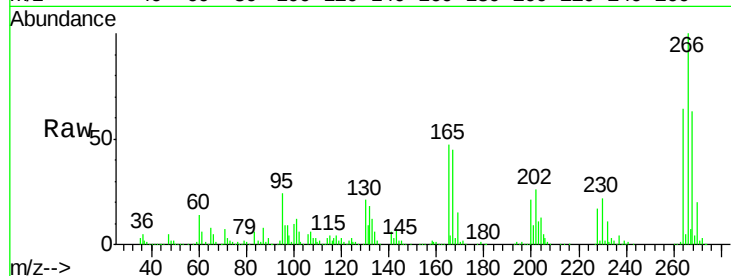
#69
 Pentachlorophenol
 Concen: 88.18 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF092539.D
 Acq: 26 Jan 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 CHA-WCS-012317-1(0-70)MS

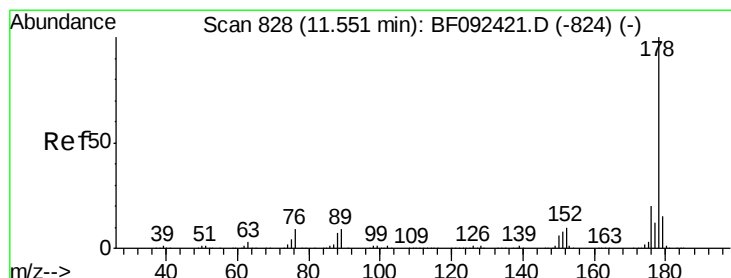
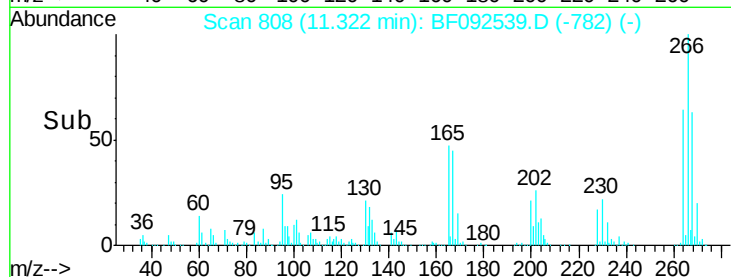
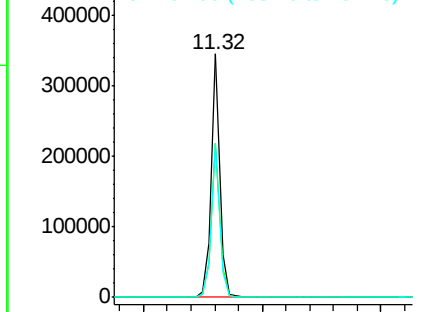
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	53.3	79.9
264	63.5	50.3	75.5

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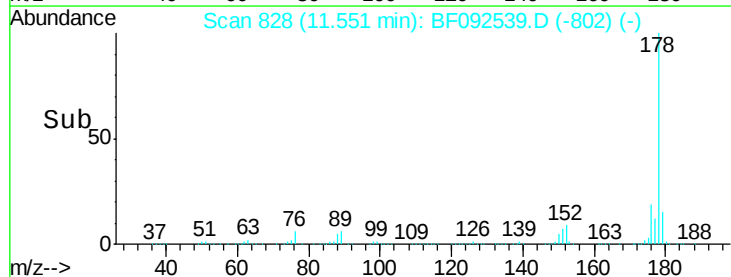
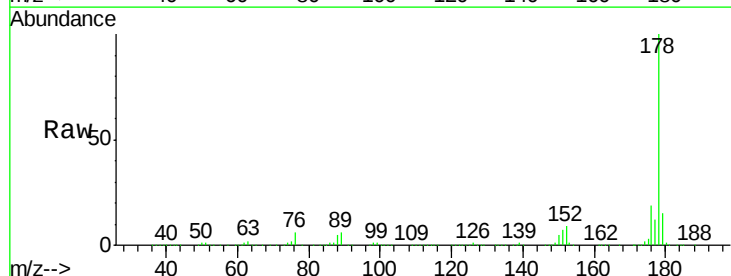
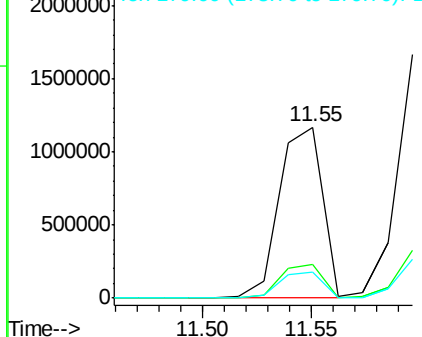
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

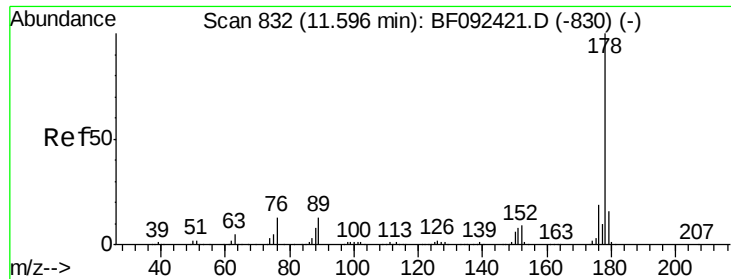


#70
 Phenanthrene
 Concen: 48.98 ng
 RT: 11.55 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF092539.D
 Acq: 26 Jan 2017 21:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.6	25.0
179	15.1	12.8	19.2

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





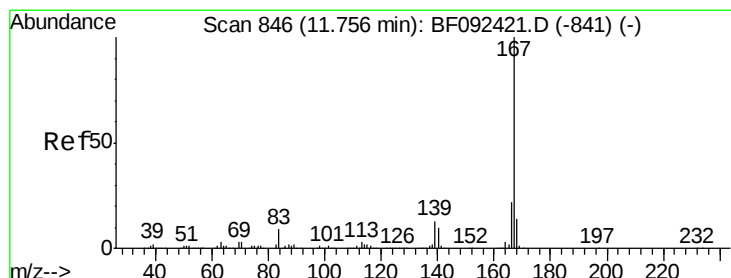
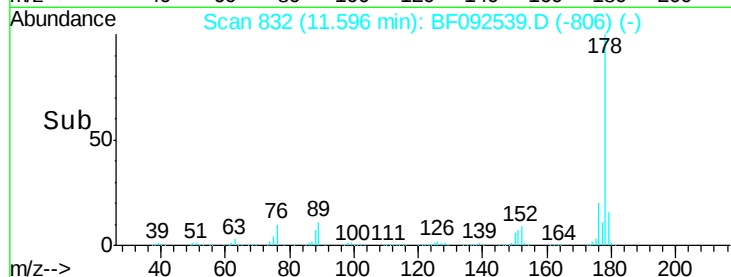
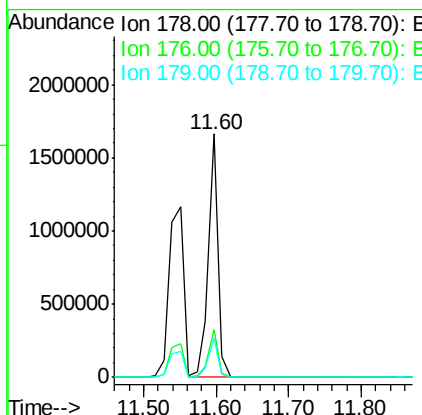
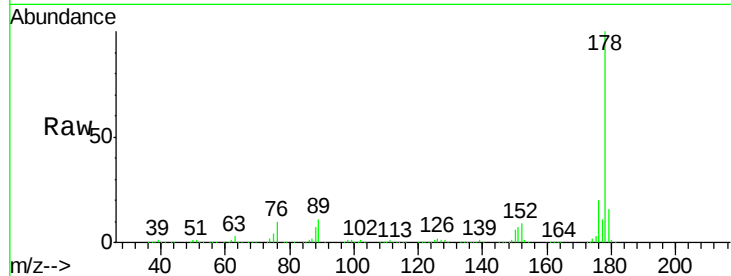
#71
 Anthracene
 Concen: 47.55 ng
 RT: 11.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF092539.D
 Acq: 26 Jan 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 CHA-WCS-012317-1(0-70)MS

Tot Ion:178 Resp: 1542022
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 15.9 13.2 19.8

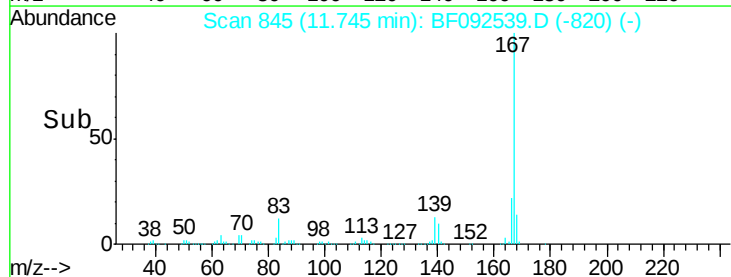
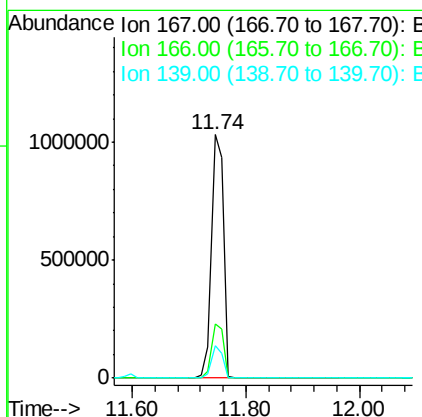
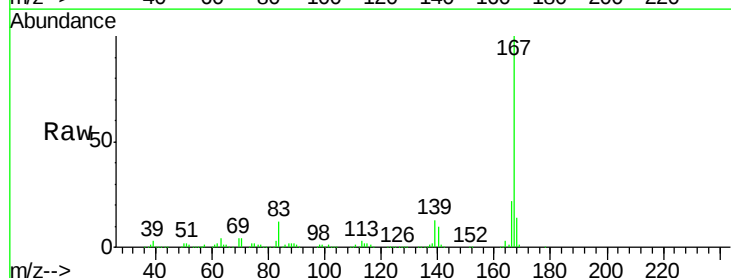
Manual Integrations
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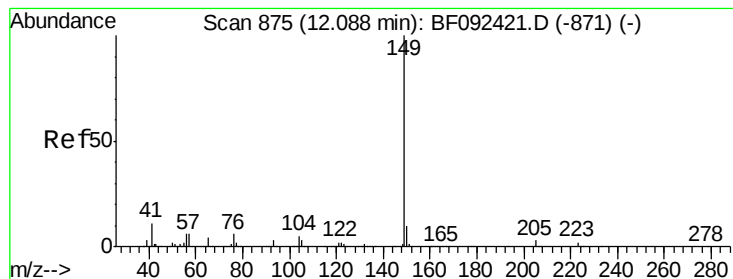
mohammad
 1/27/2017 3:03:07 PM



#72
 Carbazole
 Concen: 47.33 ng
 RT: 11.74 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF092539.D
 Acq: 26 Jan 2017 21:53

Tgt Ion:167 Resp: 1465639
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 13.5 11.4 17.2





#73

Di-n-butylphthalate

Concen: 49.76 ng

RT: 12.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF092539.D

Acq: 26 Jan 2017 21:53

Instrument :

BNA_F

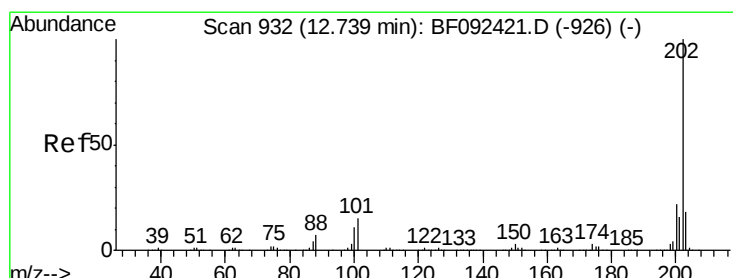
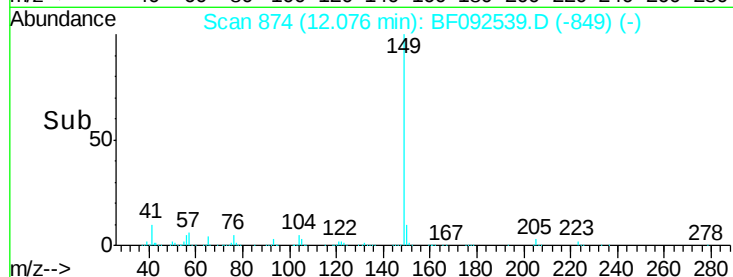
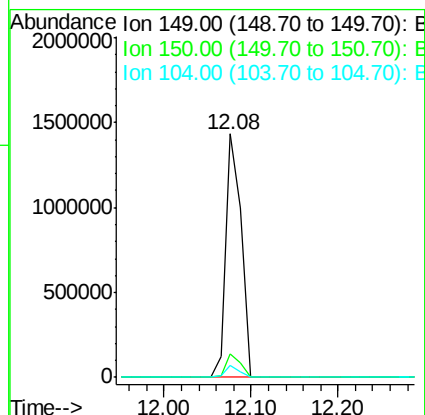
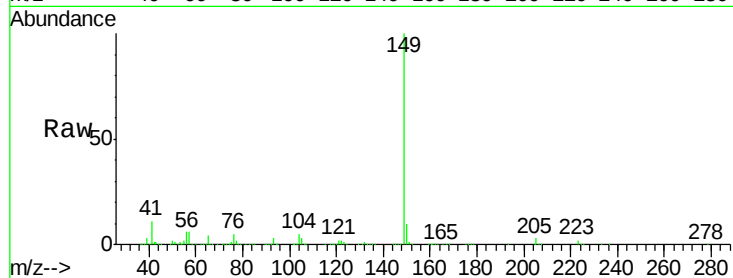
ClientSampleId :

CHA-WCS-012317-1(0-70)MS

Tot Ion:	149	Resp:	1761935
Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.1	12.1
104	4.9	4.6	7.0

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#74

Fluoranthene

Concen: 52.04 ng

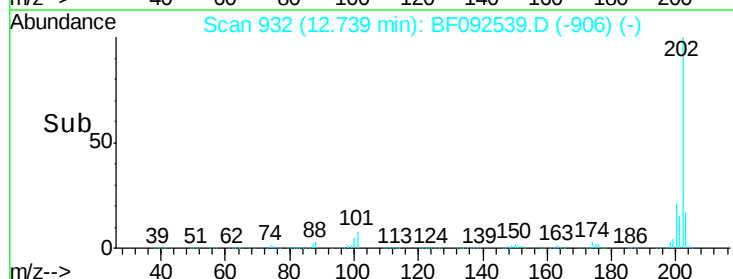
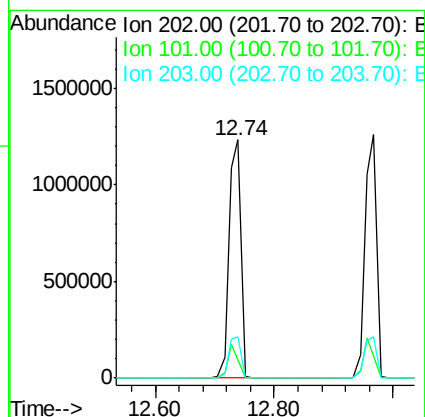
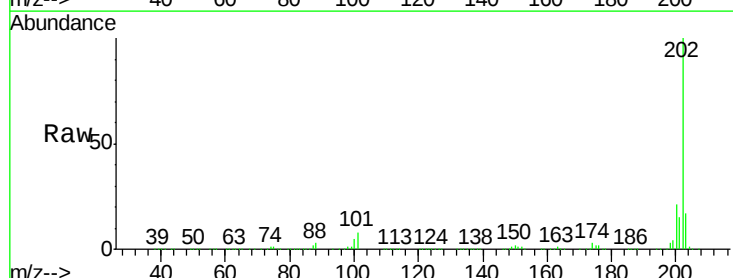
RT: 12.74 min Scan# 932

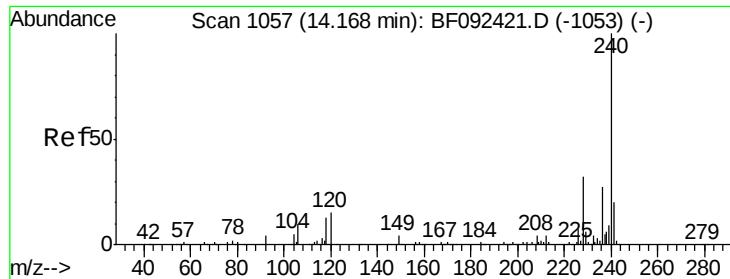
Delta R.T. 0.00 min

Lab File: BF092539.D

Acq: 26 Jan 2017 21:53

Tgt Ion:	202	Resp:	1689107
Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	34.6
203	17.3	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092539.D

Acq: 26 Jan 2017 21:53

Instrument :

BNA_F

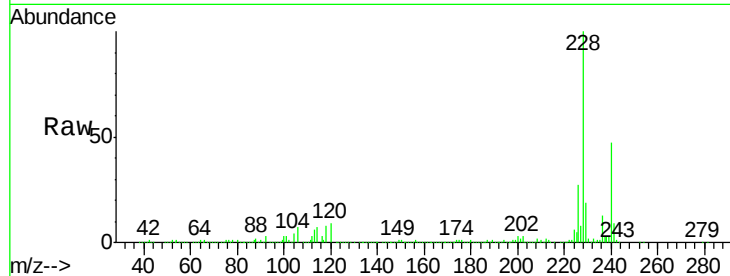
ClientSampleId :

CHA-WCS-012317-1(0-70)MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	19.5	12.9	19.3#
236	26.4	20.9	31.3

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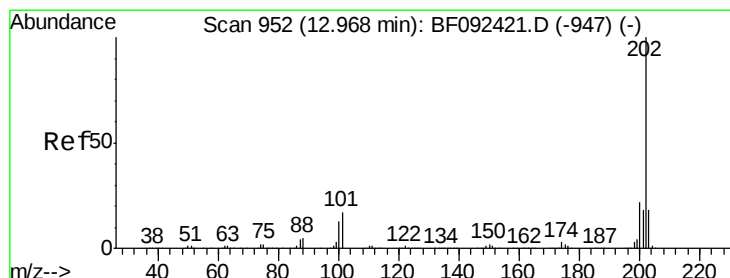
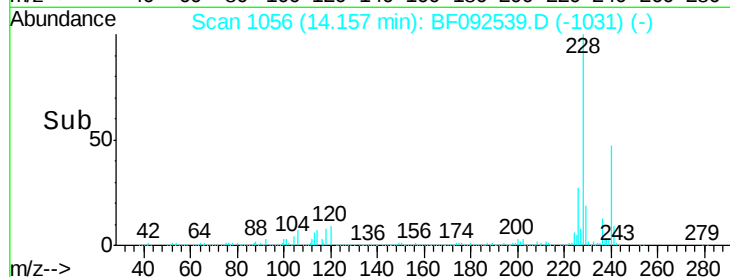
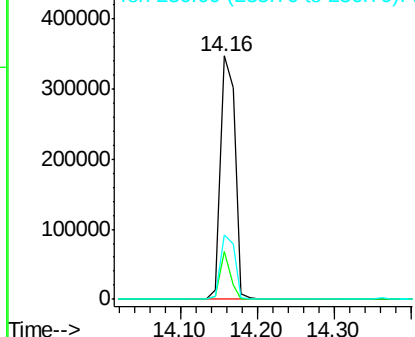
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 50.21 ng

RT: 12.97 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF092539.D

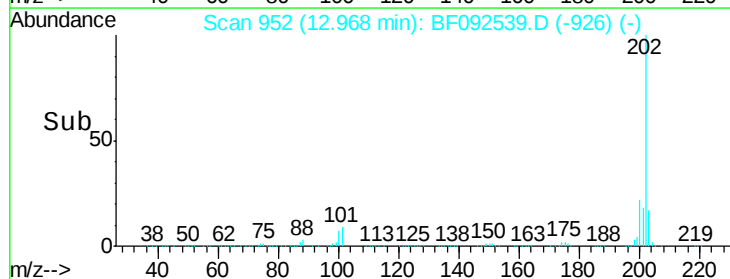
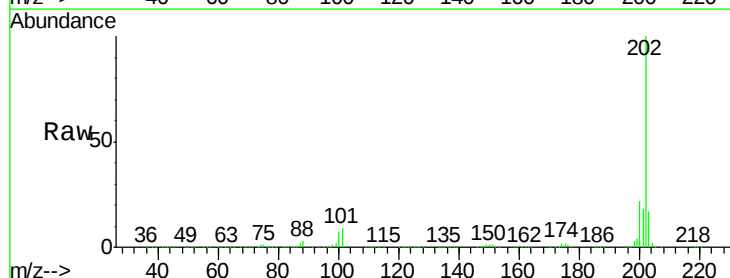
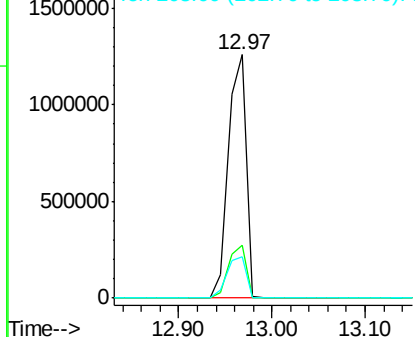
Acq: 26 Jan 2017 21:53

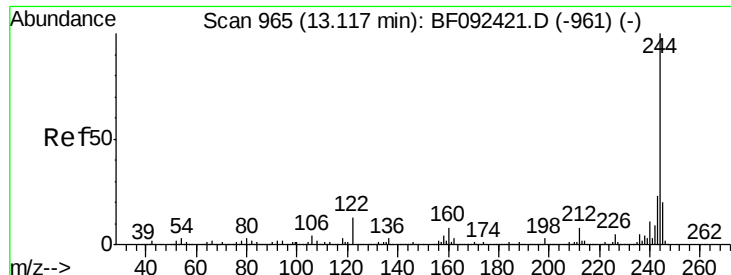
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	17.2	14.7	22.1

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





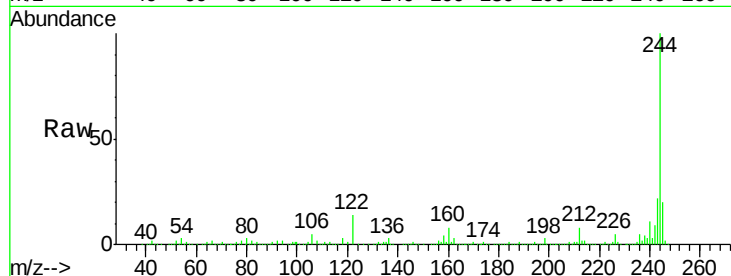
#78
 Terphenyl-d14
 Concen: 93.08 ng
 RT: 13.11 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF092539.D
 Acq: 26 Jan 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 CHA-WCS-012317-1(0-70)MS

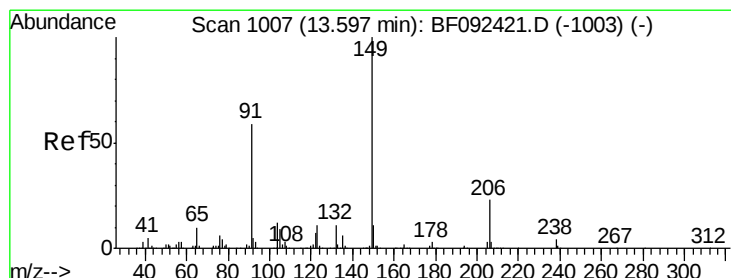
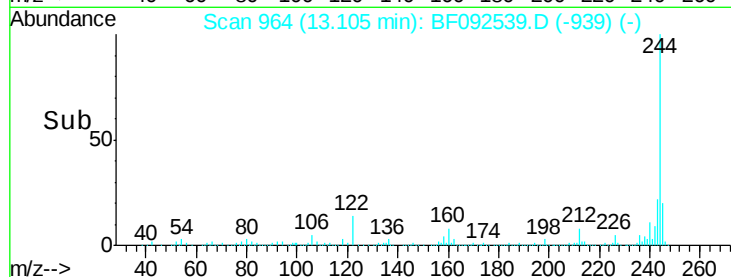
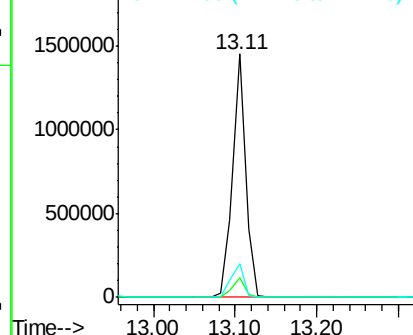
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	13.6	11.4	17.2

Manual Integrations
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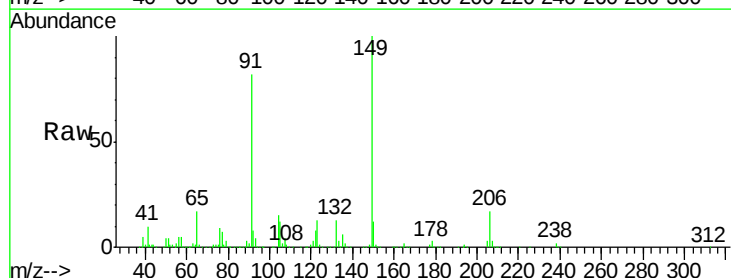


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

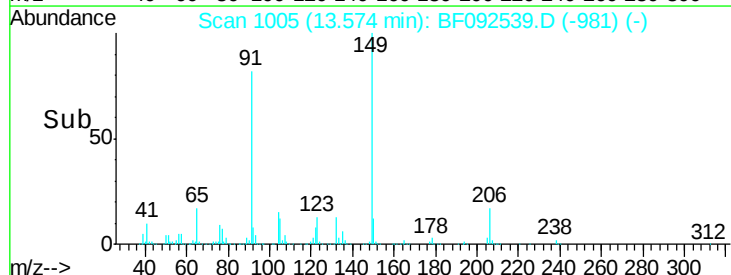
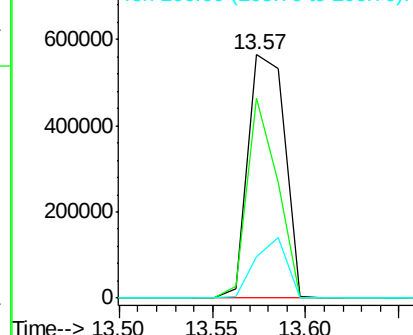


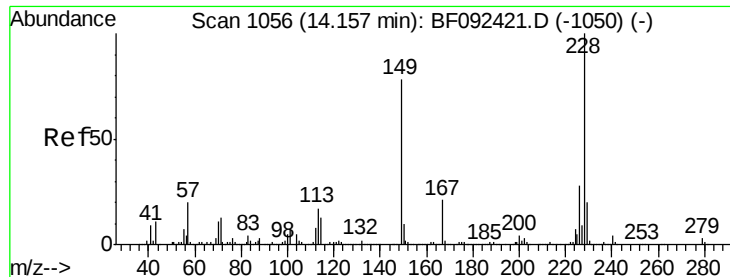
#79
 Butylbenzylphthalate
 Concen: 56.67 ng
 RT: 13.57 min Scan# 1005
 Delta R.T. -0.02 min
 Lab File: BF092539.D
 Acq: 26 Jan 2017 21:53

Tgt Ion	Ratio	Lower	Upper
149	100		
91	82.3	63.9	95.9
206	16.8	14.6	21.8



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: 51.31 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF092539.D

Acq: 26 Jan 2017 21:53

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MS

Tot Ion:228 Resp: 1279305

Ion Ratio Lower Upper

228 100

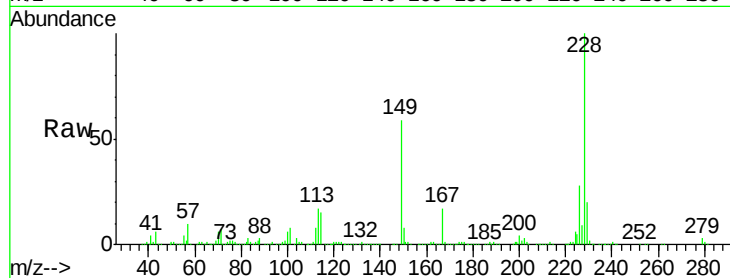
226 28.2 22.4 33.6

229 19.7 16.2 24.4

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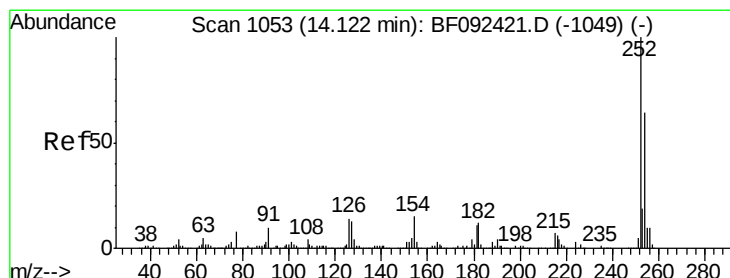
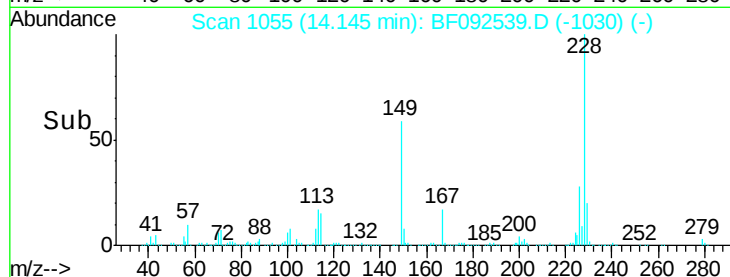
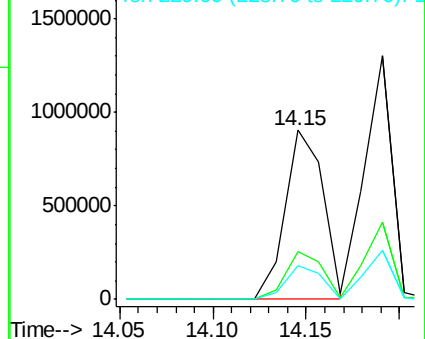
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 23.69 ng

RT: 14.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF092539.D

Acq: 26 Jan 2017 21:53

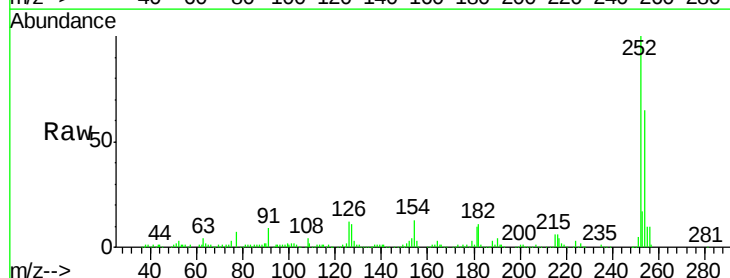
Tgt Ion:252 Resp: 224264

Ion Ratio Lower Upper

252 100

254 64.5 52.3 78.5

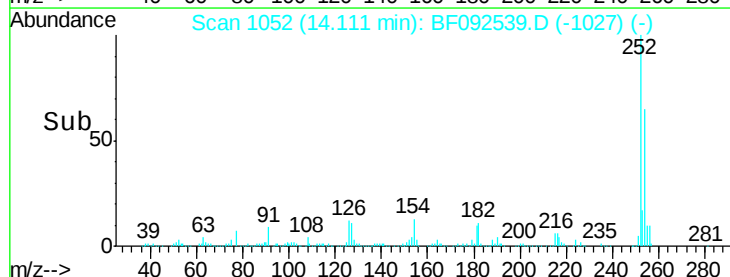
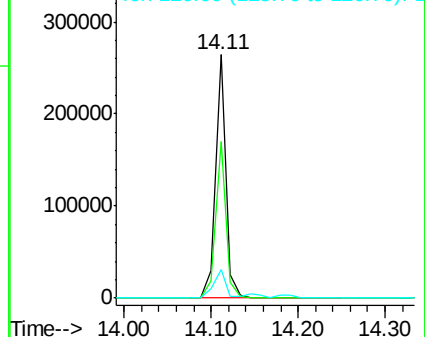
126 11.6 13.6 20.4#

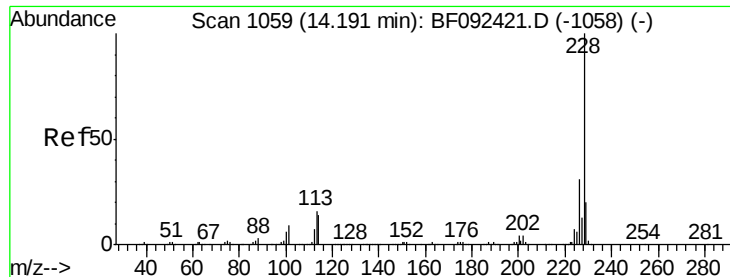


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





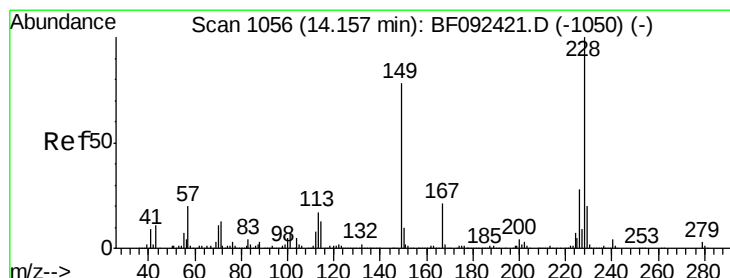
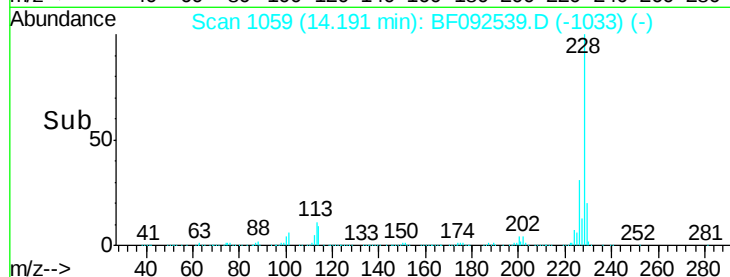
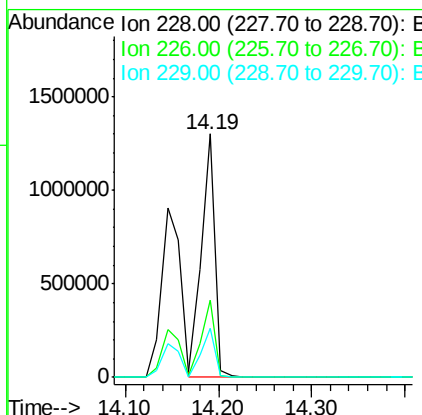
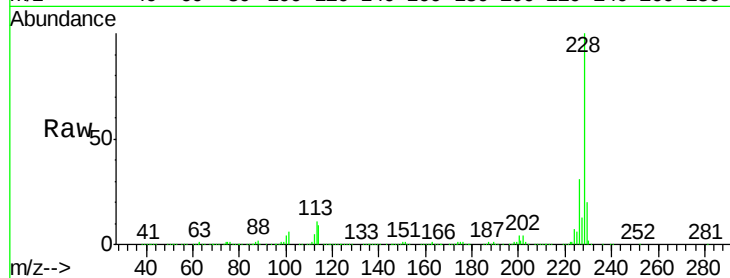
#82
Chrysene
Concen: 49.83 ng
RT: 14.19 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.4	38.0
229	19.9	16.2	24.2

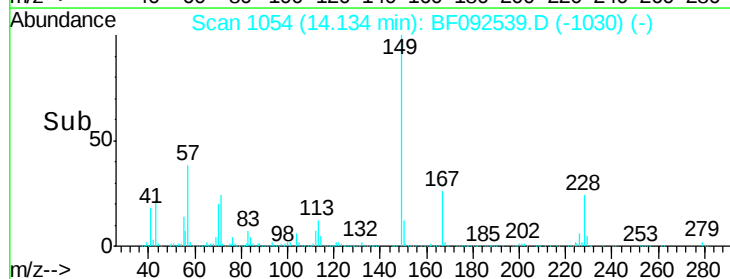
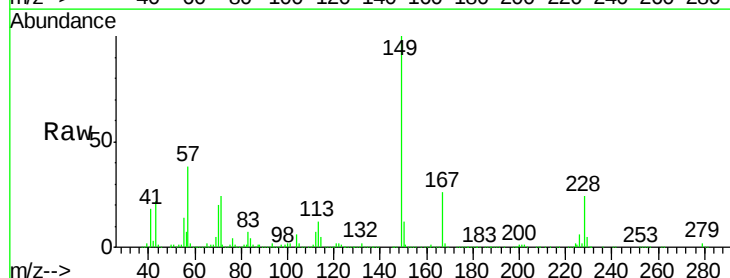
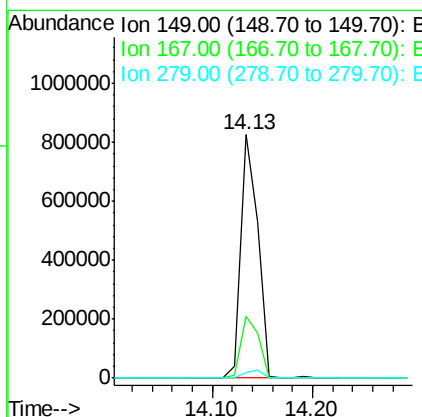
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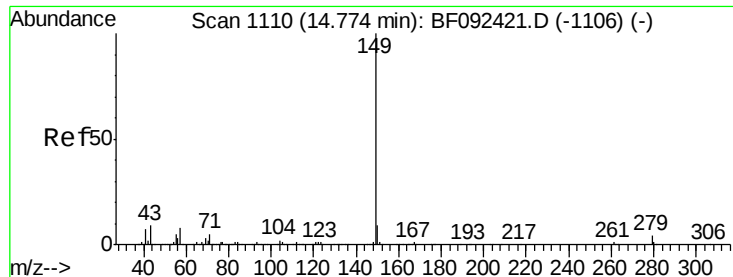
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#83
Bis(2-ethylhexyl)phthalate
Concen: 56.59 ng
RT: 14.13 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.2	30.4
279	2.2	1.8	2.8





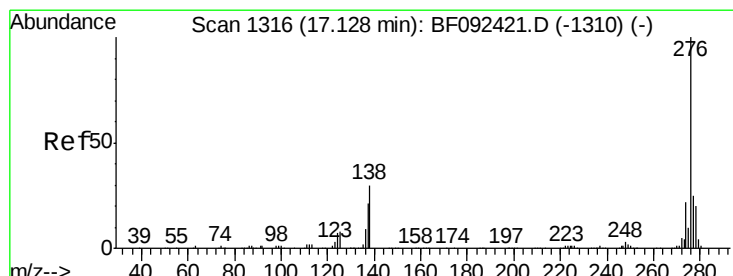
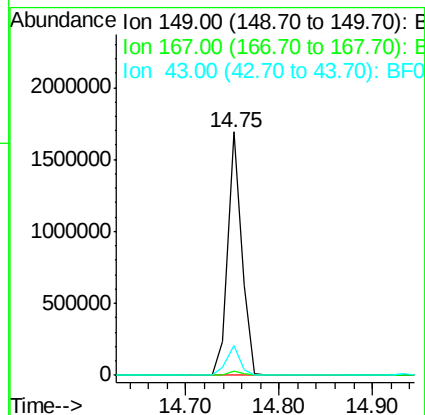
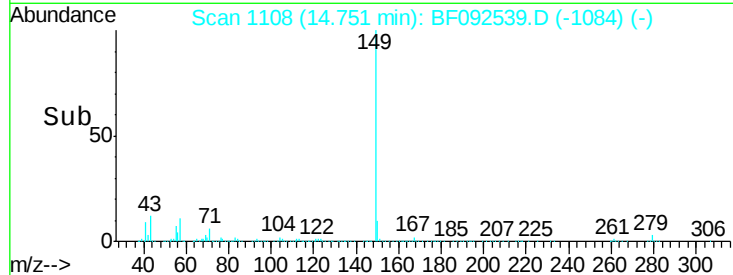
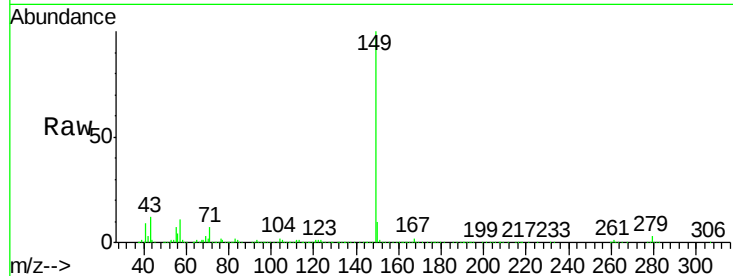
#84
Di-n-octyl phthalate
Concen: 56.72 ng
RT: 14.75 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MS

Tot Ion:149 Resp: 1766049
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.3 8.9 13.3

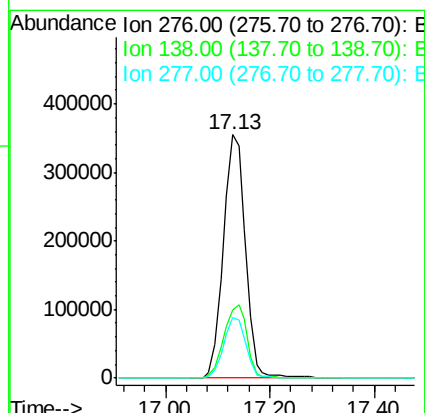
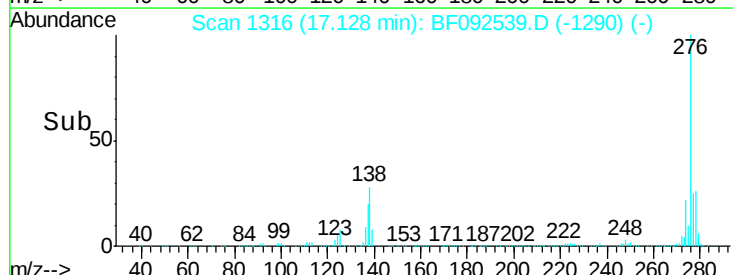
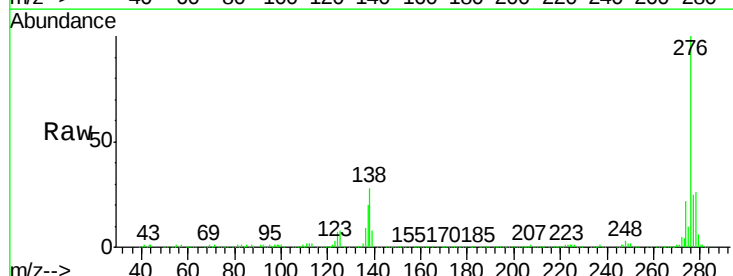
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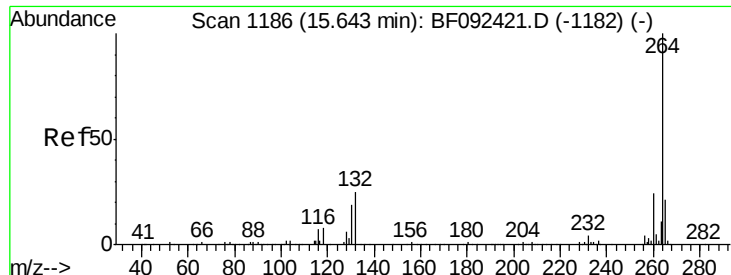
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#85
Indeno(1,2,3-cd)pyrene
Concen: 53.04 ng
RT: 17.13 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Tgt Ion:276 Resp: 1044932
Ion Ratio Lower Upper
276 100
138 32.0 21.8 32.6
277 25.3 20.2 30.4





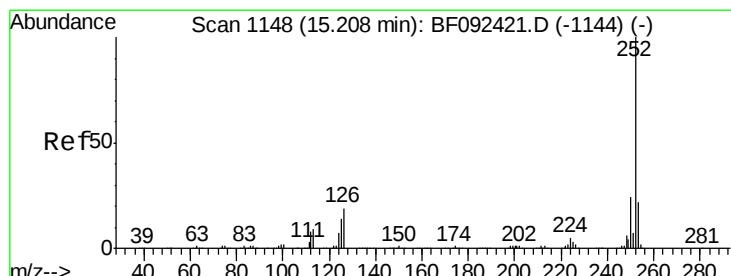
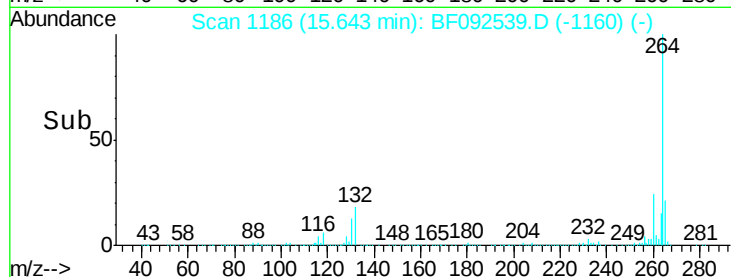
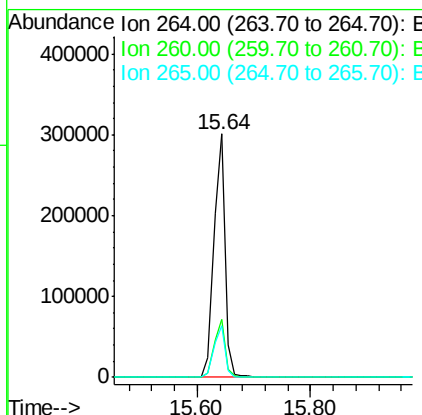
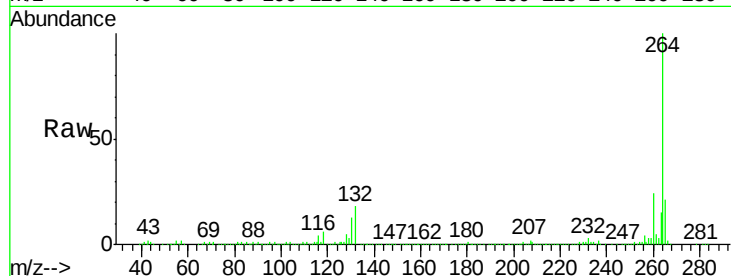
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.64 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.3	17.4	26.0

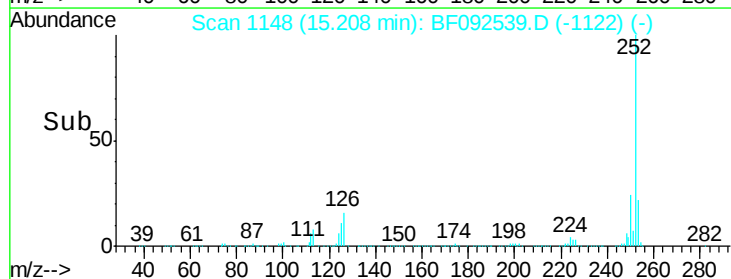
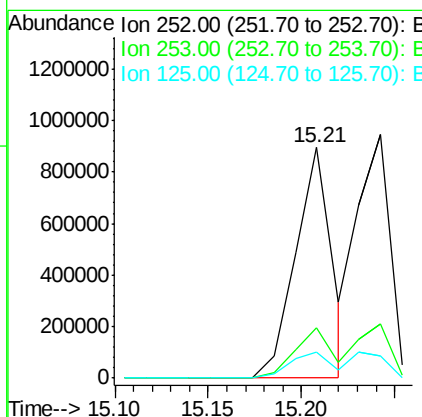
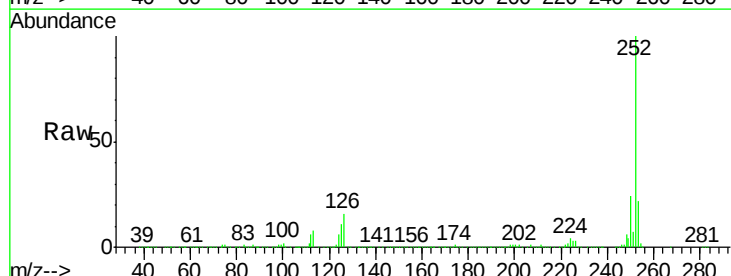
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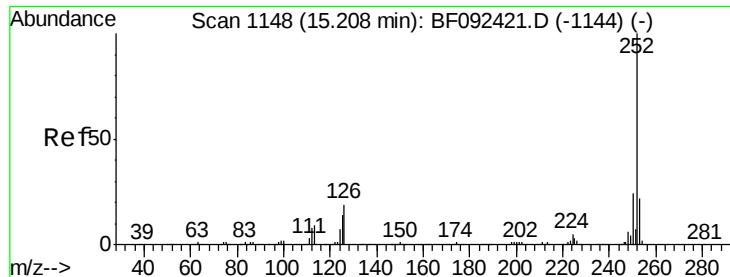
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#87
Benzo(b)fluoranthene
Concen: 46.97 ng
RT: 15.21 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	11.5	9.8	14.6





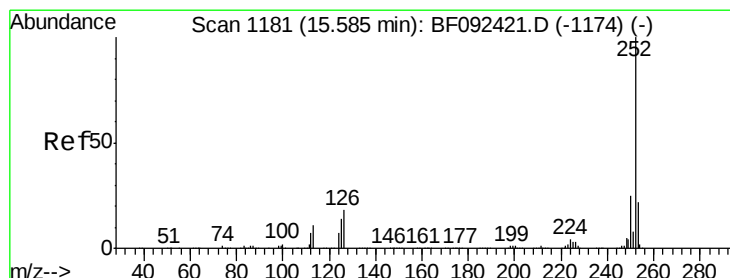
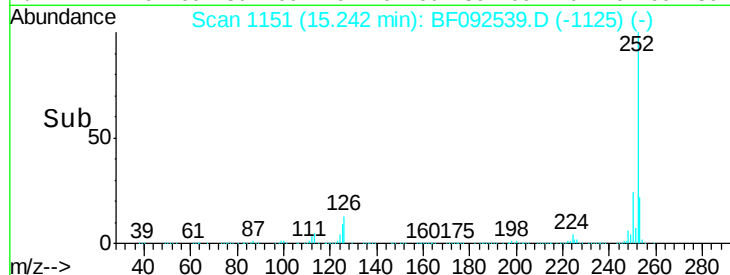
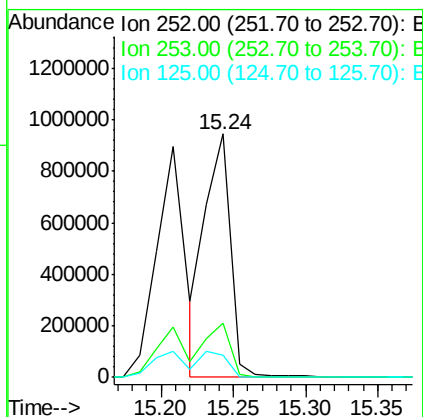
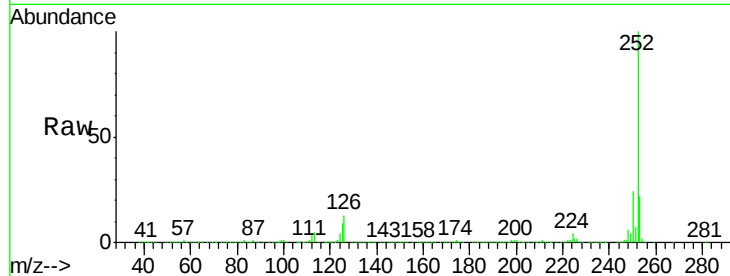
#88
Benzo(k)fluoranthene
Concen: 54.53 ng m
RT: 15.24 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MS

Tot Ion:252 Resp: 1167834
Ion Ratio Lower Upper
252 100
253 22.1 18.5 27.7
125 8.9 8.9 13.3#

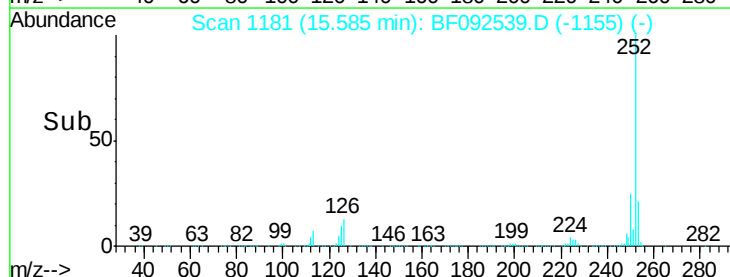
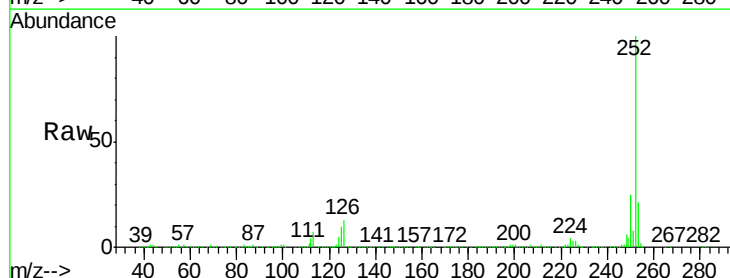
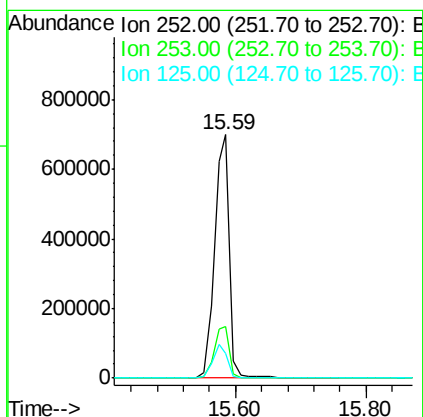
Manual Integrations
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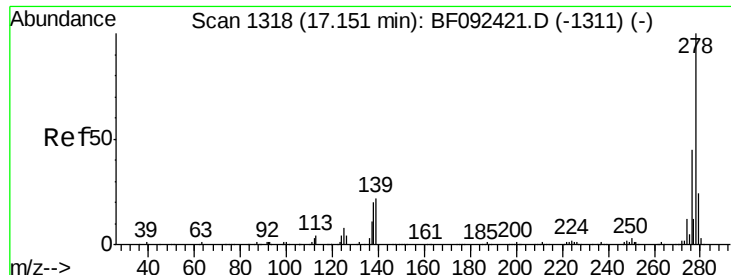
mohammad
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#89
Benzo(a)pyrene
Concen: 51.22 ng
RT: 15.59 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Tgt Ion:252 Resp: 1116017
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.2
125 9.9 10.0 15.0#





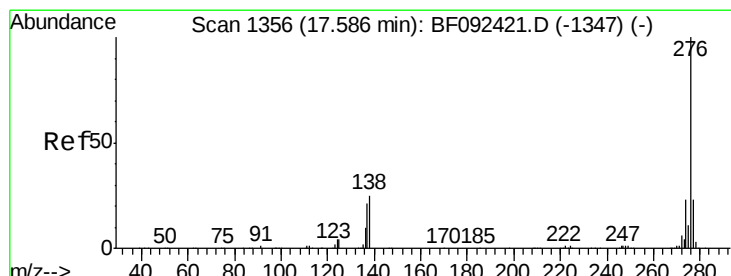
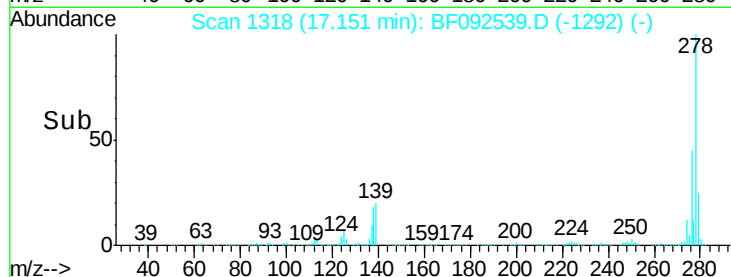
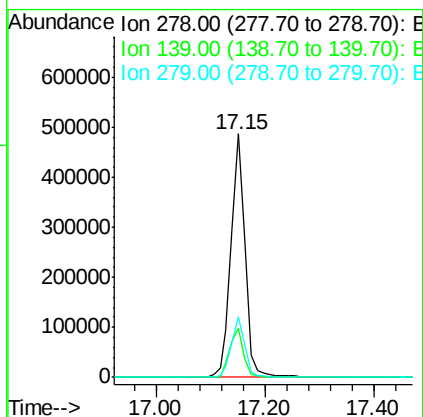
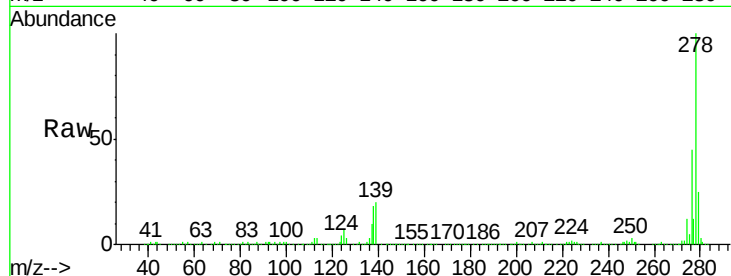
#90
Dibenzo(a,h)anthracene
Concen: 49.47 ng
RT: 17.15 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.2	14.8	22.2
279	24.7	19.8	29.6

Manual Integrations
APPROVED

mohammad
1/27/2017 3:03:07 PM



#91
Benzo(g,h,i)perylene
Concen: 48.90 ng
RT: 17.59 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF092539.D
Acq: 26 Jan 2017 21:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	27.2	16.0	24.0

