

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021317\
 Data File : BF092921.D
 Acq On : 13 Feb 2017 16:40
 Operator : SJ/MA
 Sample : PB96883BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96883BSD

Manual Integrations
 APPROVED

mohammad
 2/14/2017 11:30:09 AM

Quant Time: Feb 14 00:48:49 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	137635	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	584113	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	316380	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	495152	20.00	ng	0.00
75) Chrysene-d12	14.04	240	435500	20.00	ng	-0.01
86) Perylene-d12	15.48	264	408138	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	747234	93.14	ng	0.01
7) Phenol-d6	6.52	99	902898	87.47	ng	-0.01
23) Nitrobenzene-d5	7.45	82	787704	75.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	200020	87.41	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1343848	76.95	ng	0.00
78) Terphenyl-d14	12.99	244	1289265	69.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	142583	32.89	ng	# 84
3) Pyridine	3.29	79	365935	33.20	ng	90
4) n-Nitrosodimethylamine	3.24	42	205611	39.73	ng	85
6) Aniline	6.54	93	337245	23.95	ng	# 47
8) 2-Chlorophenol	6.67	128	391101	44.19	ng	92
9) Benzaldehyde	6.43	77	96640	13.07	ng	94
10) Phenol	6.53	94	505180	41.83	ng	80
11) bis(2-Chloroethyl)ether	6.61	93	356069	36.94	ng	89
12) 1,3-Dichlorobenzene	6.82	146	406213	39.19	ng	# 93
13) 1,4-Dichlorobenzene	6.90	146	429442	40.93	ng	96
14) 1,2-Dichlorobenzene	7.05	146	378385	37.72	ng	97
15) Benzyl Alcohol	7.02	79	305883	40.03	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	632340	37.76	ng	93
17) 2-Methylphenol	7.14	107	315432	41.54	ng	97
18) Hexachloroethane	7.39	117	135429	37.81	ng	91
19) n-Nitroso-di-n-propylamine	7.30	70	257962	39.26	ng	95
20) 3+4-Methylphenols	7.30	107	387269	42.66	ng	96
22) Acetophenone	7.30	105	496758	37.25	ng	# 90
24) Nitrobenzene	7.47	77	439448	40.80	ng	91
25) Isophorone	7.71	82	759467	38.86	ng	99
26) 2-Nitrophenol	7.79	139	208073	40.64	ng	# 79
27) 2,4-Dimethylphenol	7.82	122	348496	38.76	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	451081	34.85	ng	99
29) 2,4-Dichlorophenol	8.03	162	349549	41.68	ng	95
30) 1,2,4-Trichlorobenzene	8.11	180	345795	38.26	ng	96
31) Naphthalene	8.19	128	1093989	36.95	ng	99
32) Benzoic acid	7.95	122	189246	38.77	ng	99
33) 4-Chloroaniline	8.24	127	183556	15.81	ng	95
34) Hexachlorobutadiene	8.30	225	172777	34.75	ng	99
35) Caprolactam	8.60	113	107026	40.57	ng	# 34
36) 4-Chloro-3-methylphenol	8.73	107	341172	39.02	ng	98
37) 2-Methylnaphthalene	8.88	142	698474	36.74	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	338743	38.14	ng	99
40) Hexachlorocyclopentadiene	9.04	237	195495	48.79	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	243316	41.70	ng	94
43) 2,4,5-Trichlorophenol	9.21	196	240511	37.62	ng #	84
45) 1,1'-Biphenyl	9.34	154	907534	39.61	ng	99
46) 2-Chloronaphthalene	9.37	162	682783	38.10	ng	96
47) 2-Nitroaniline	9.47	65	243520	40.41	ng #	83
48) Acenaphthylene	9.78	152	1101709	35.59	ng	98
49) Dimethylphthalate	9.65	163	817385	38.36	ng	98
50) 2,6-Dinitrotoluene	9.71	165	187628	40.77	ng #	92
51) Acenaphthene	9.95	154	716144	38.69	ng	96
52) 3-Nitroaniline	9.88	138	127710	24.25	ng #	75
53) 2,4-Dinitrophenol	9.98	184	172916	74.22	ng #	59
54) Dibenzofuran	10.13	168	983442	39.72	ng #	89
55) 4-Nitrophenol	10.05	139	311515	82.12	ng	83
56) 2,4-Dinitrotoluene	10.11	165	223598	36.49	ng	93
57) Fluorene	10.46	166	697736	36.63	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	188103	44.10	ng	96
59) Diethylphthalate	10.34	149	753360	37.51	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	352449	38.52	ng #	77
61) 4-Nitroaniline	10.50	138	203305	37.69	ng	78
62) Azobenzene	10.62	77	892695	43.03	ng	91
64) 4,6-Dinitro-2-methylphenol	10.52	198	137353	45.71	ng #	77
65) n-Nitrosodiphenylamine	10.58	169	610757	38.61	ng	100
66) 4-Bromophenyl-phenylether	10.96	248	202518	39.15	ng #	77
67) Hexachlorobenzene	11.01	284	193863	37.92	ng #	82
68) Atrazine	11.10	200	188642	37.16	ng	99
69) Pentachlorophenol	11.22	266	219617	82.93	ng	99
70) Phenanthrene	11.42	178	1086141	38.29	ng	99
71) Anthracene	11.48	178	1137870	39.94	ng	98
72) Carbazole	11.64	167	1094358	40.19	ng	97
73) Di-n-butylphthalate	11.96	149	1137643	38.63	ng	98
74) Fluoranthene	12.61	202	1053131	35.99	ng	98
76) Benzidine	12.74	184	310913	16.75	ng	96
77) Pyrene	12.84	202	1067114	32.74	ng	99
79) Butylbenzylphthalate	13.46	149	497363	37.58	ng	99
80) Benzo(a)anthracene	14.03	228	946669	35.54	ng	100
81) 3,3'-Dichlorobenzidine	14.00	252	257245	27.09	ng #	96
82) Chrysene	14.07	228	917378	36.79	ng	98
83) Bis(2-ethylhexyl)phthalate	14.02	149	698615	38.60	ng	97
84) Di-n-octyl phthalate	14.64	149	1284193	43.57	ng	99
85) Indeno(1,2,3-cd)pyrene	16.91	276	940815	48.70	ng	95
87) Benzo(b)fluoranthene	15.07	252	980195	36.49	ng	98
88) Benzo(k)fluoranthene	15.09	252	906726m	39.09	ng	
89) Benzo(a)pyrene	15.43	252	893912	38.47	ng	98
90) Dibenzo(a,h)anthracene	16.92	278	788869	42.00	ng	96
91) Benzo(g,h,i)perylene	17.35	276	803377	42.34	ng #	95

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

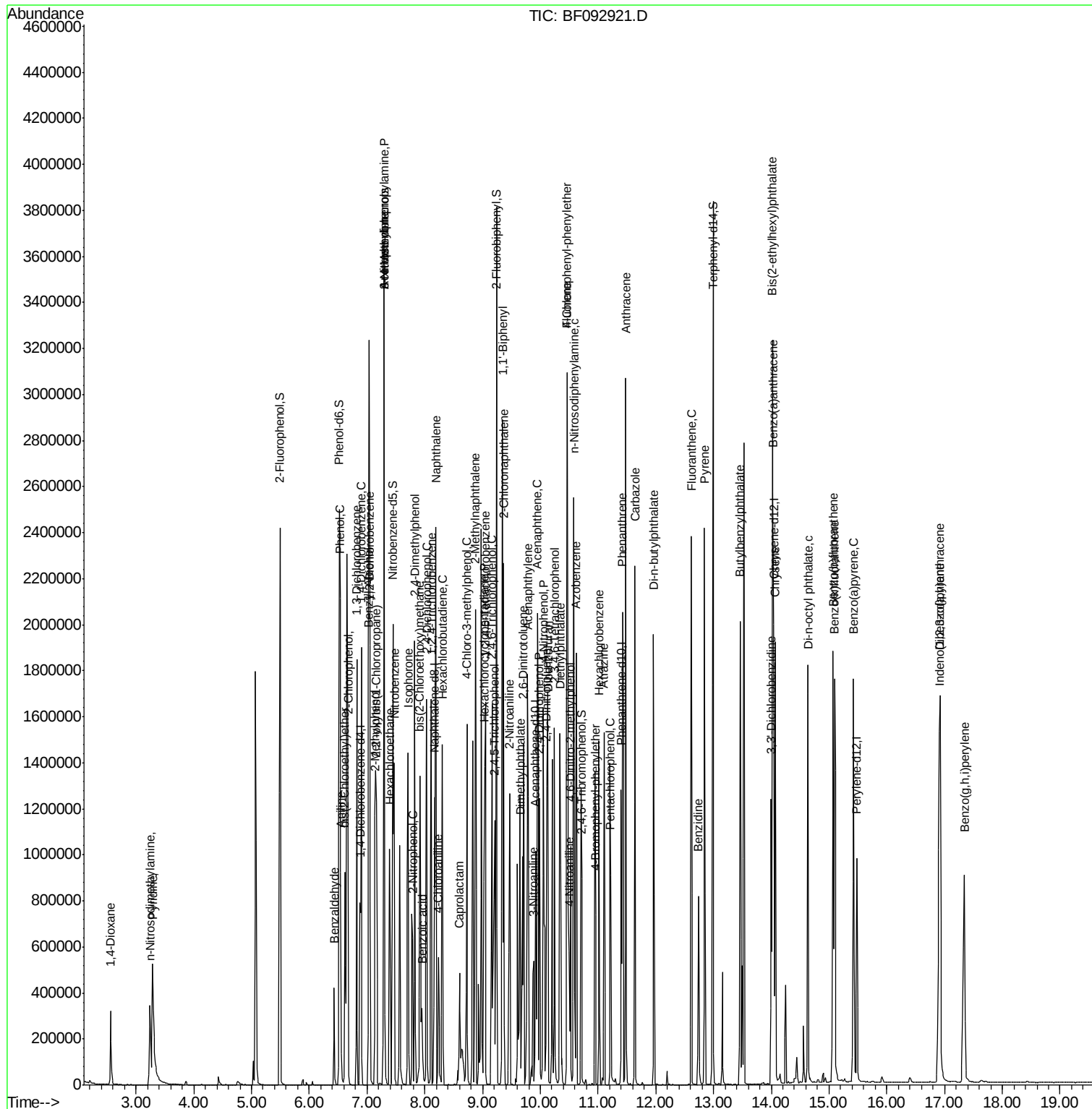
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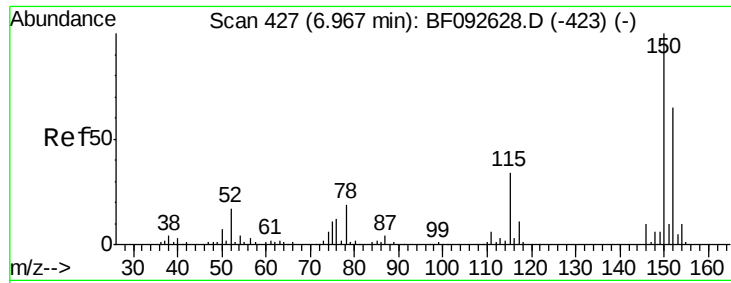
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#1

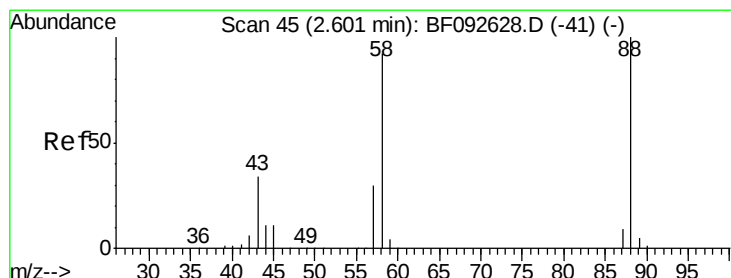
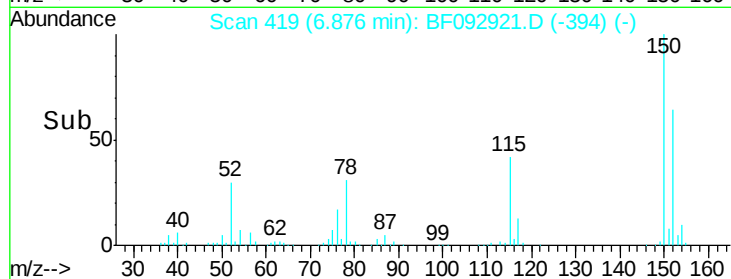
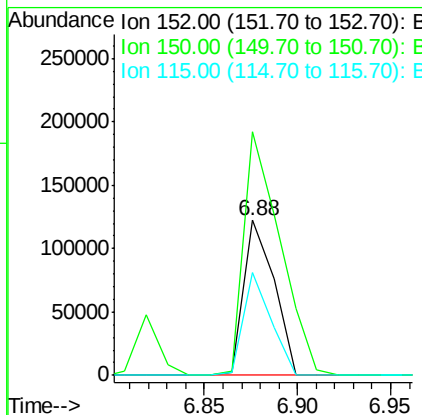
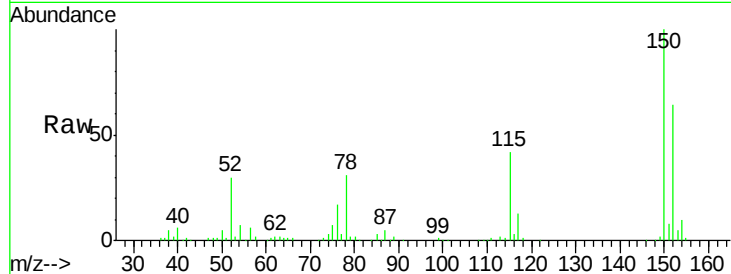
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB96883BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.9	187.3
115	66.3	46.0	69.0

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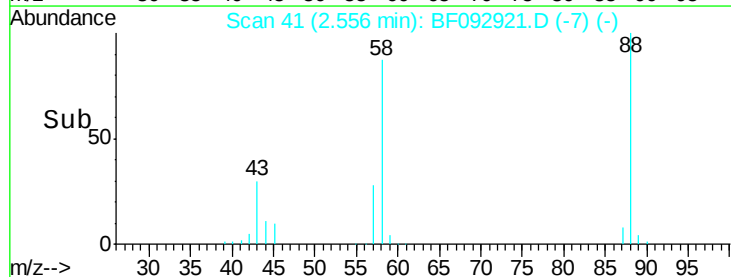
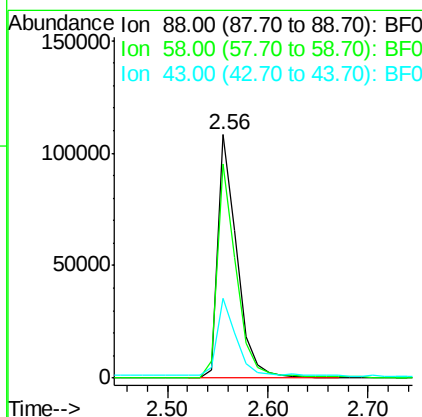
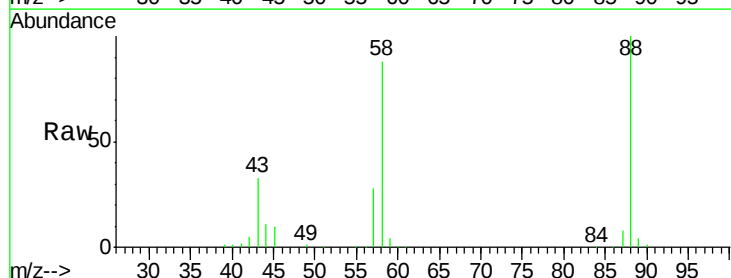
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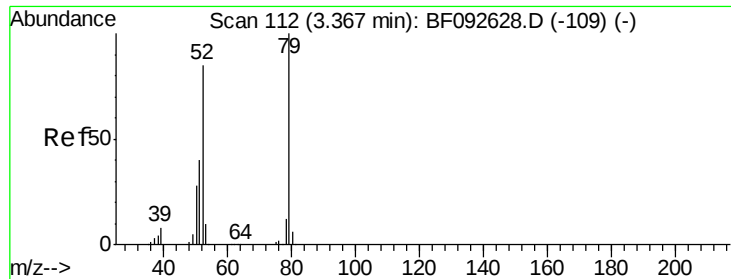


#2

1,4-Dioxane
Concen: 32.89 ng
RT: 2.56 min Scan# 41
Delta R.T. 0.09 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.4	57.8	86.8#
43	34.0	22.3	33.5#





#3

Pyridine

Concen: 33.20 ng

RT: 3.29 min Scan# 105

Delta R.T. 0.09 min

Lab File: BF092921.D

Acq: 13 Feb 2017 16:40

Instrument :

BNA_F

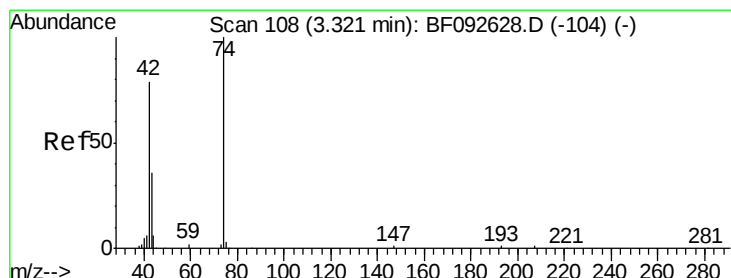
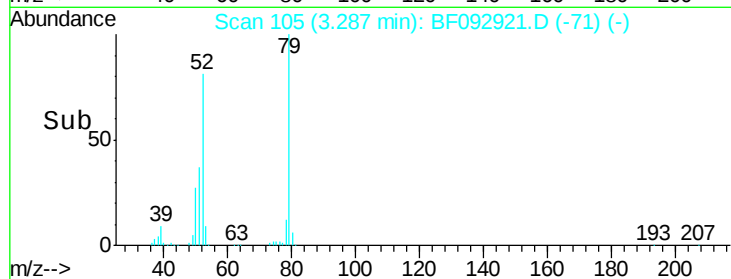
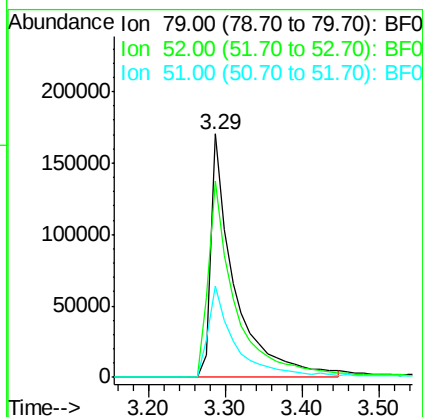
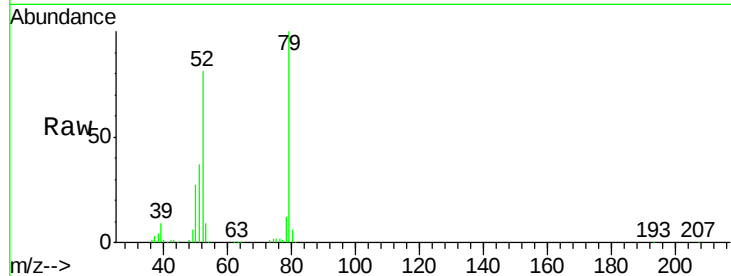
ClientSampleId :

PB96883BSD

Tgt Ion:	79	Resp:	365935
Ion Ratio	Lower	Upper	
79	100		
52	80.8	57.1	85.7
51	37.4	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 39.73 ng

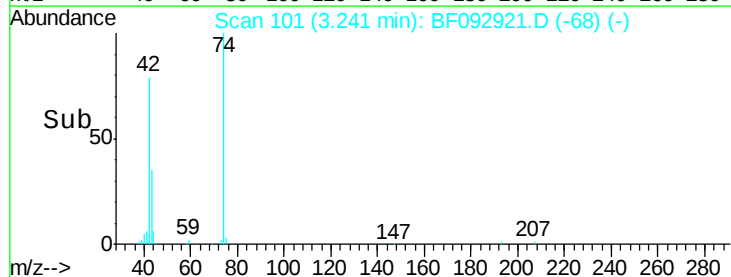
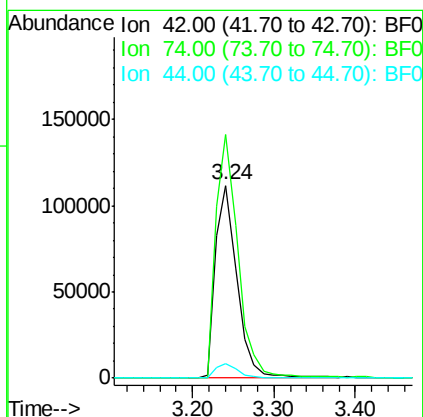
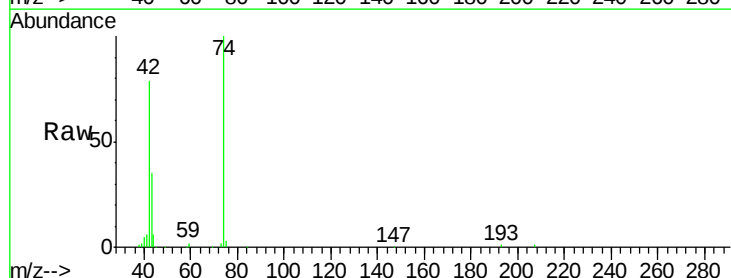
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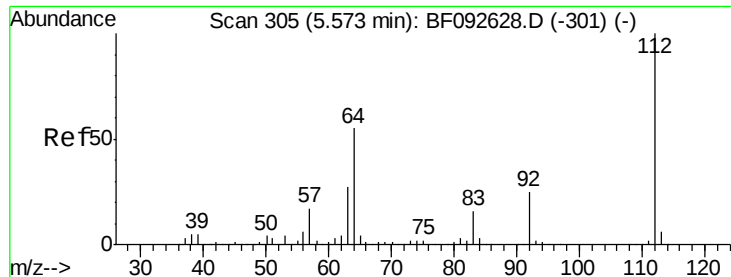
Delta R.T. 0.08 min

Lab File: BF092921.D

Acq: 13 Feb 2017 16:40

Tgt Ion:	42	Resp:	205611
Ion Ratio	Lower	Upper	
42	100		
74	126.4	117.0	175.4
44	7.5	5.5	8.3





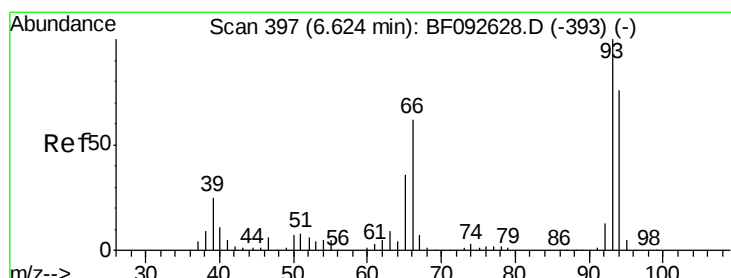
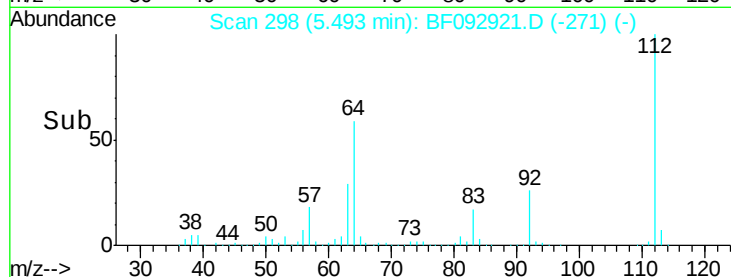
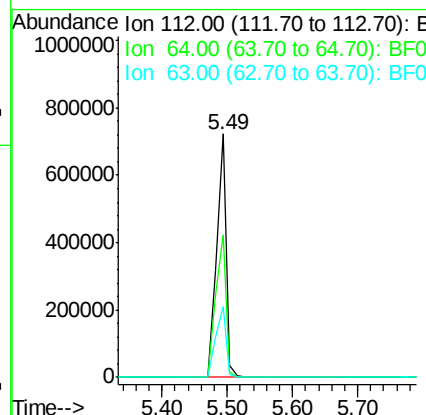
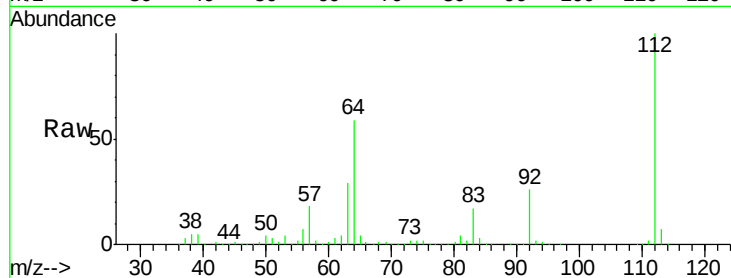
#5
 2-Fluorophenol
 Concen: 93.14 ng
 RT: 5.49 min Scan# 298
 Delta R.T. 0.01 min
 Lab File: BF092921.D
 Acq: 13 Feb 2017 16:40

Instrument :
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 ClientSampleId :
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Tgt Ion:	112	Resp:	747234
Ion Ratio	Lower	Upper	
112	100		
64	58.8	46.1	69.1
63	29.3	23.8	35.6

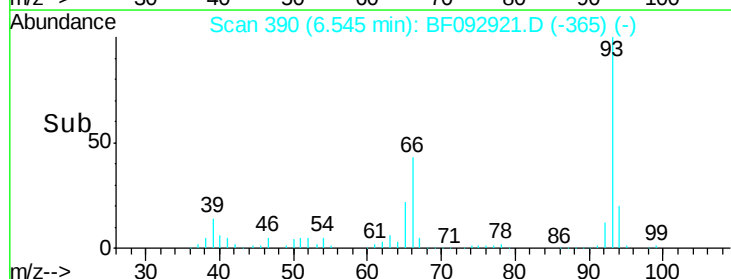
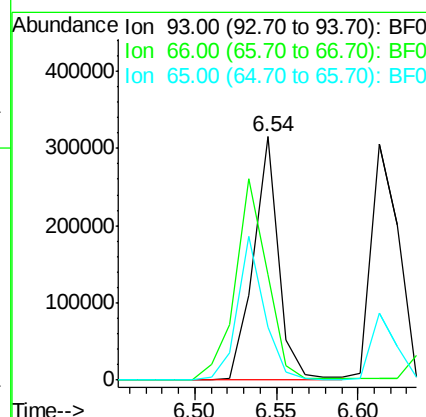
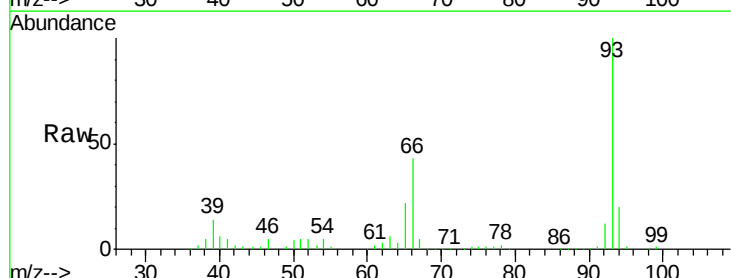
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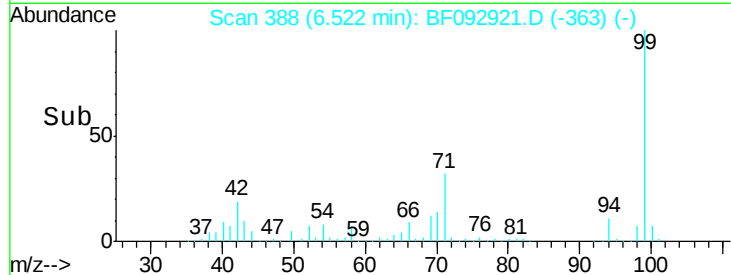
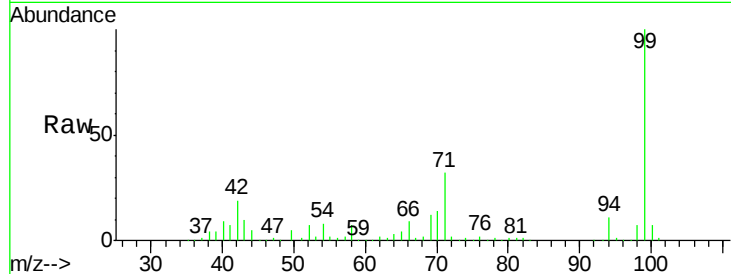
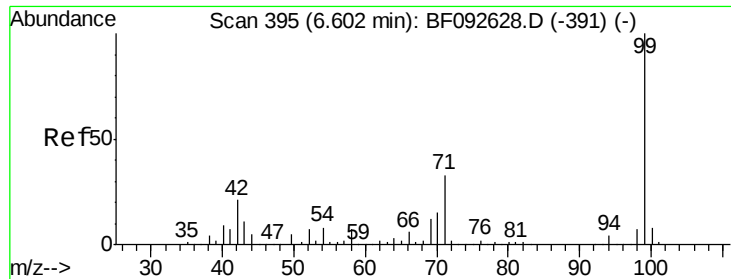
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#6
 Aniline
 Concen: 23.95 ng
 RT: 6.54 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: BF092921.D
 Acq: 13 Feb 2017 16:40

Tgt Ion:	93	Resp:	337245
Ion Ratio	Lower	Upper	
93	100		
66	43.2	76.2	114.2#
65	21.9	49.3	73.9#





#7

Phenol-d6

Concen: 87.47 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092921.D

Acq: 13 Feb 2017 16:40

Tgt Ion:	99	Resp:	902898
Ion Ratio	Lower	Upper	
99	100		
42	19.4	15.6	23.4
71	31.6	27.5	41.3

Instrument :

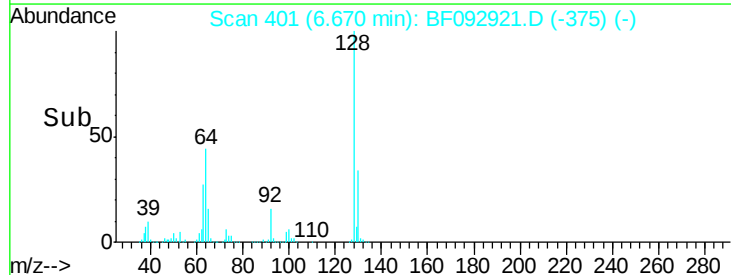
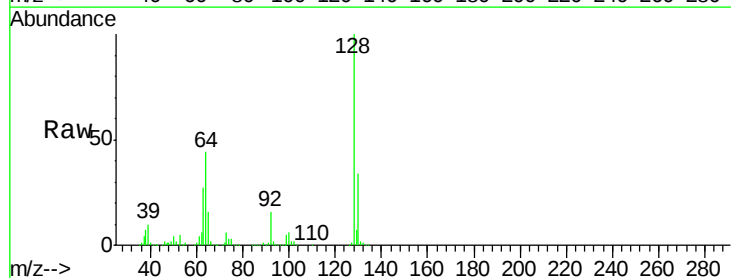
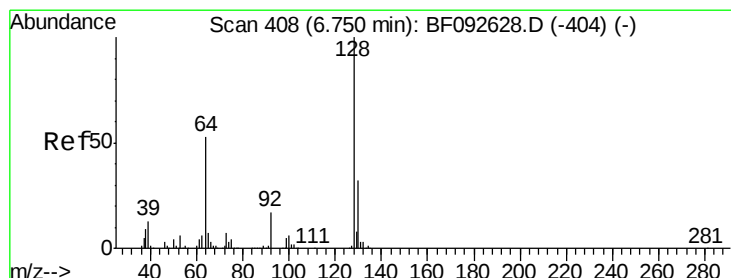
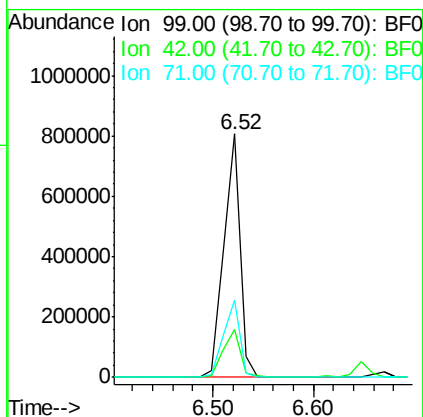
BNA_F

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#8

2-Chlorophenol

Concen: 44.19 ng

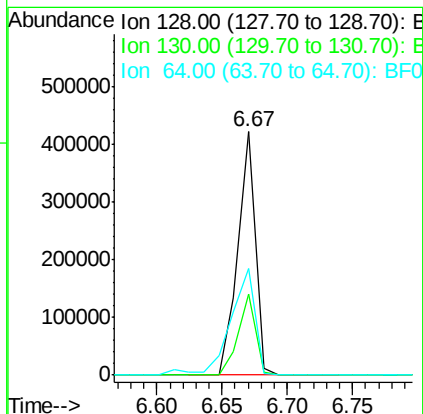
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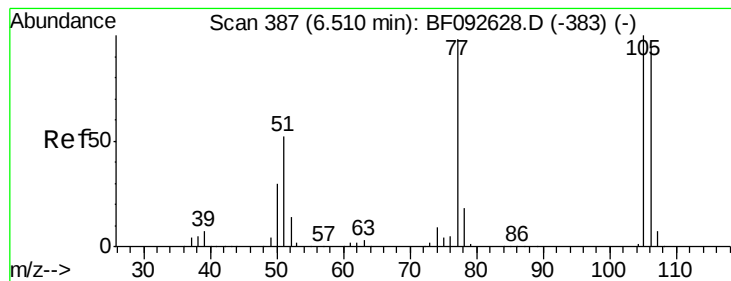
Delta R.T. 0.00 min

Lab File: BF092921.D

Acq: 13 Feb 2017 16:40

Tgt Ion:	128	Resp:	391101
Ion Ratio	Lower	Upper	
128	100		
130	33.5	12.3	52.3
64	43.9	32.2	72.2





#9

Benzaldehyde

Concen: 13.07 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF092921.D

Acq: 13 Feb 2017 16:40

Instrument :

BNA_F

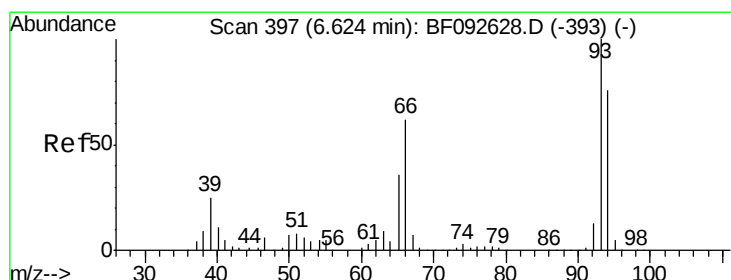
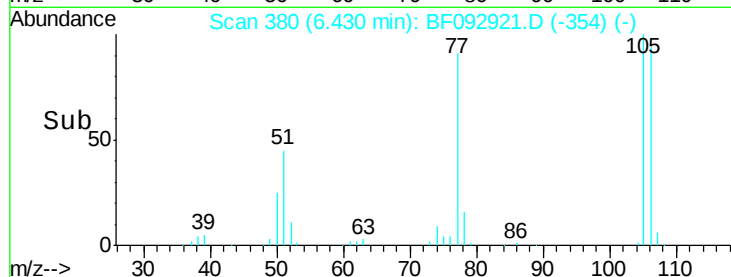
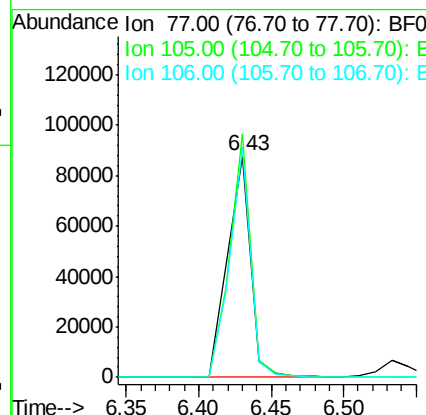
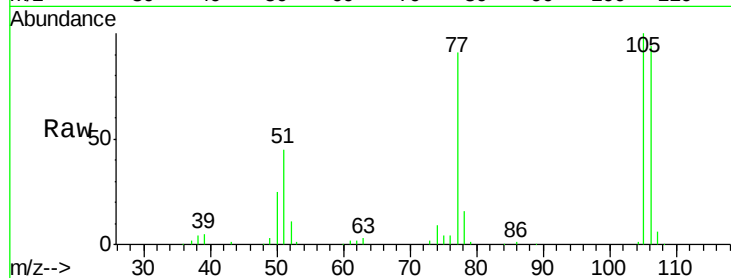
ClientSampleId :

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Tgt Ion:	77	Resp:	96640
Ion	Ratio	Lower	Upper
77	100		
105	110.1	83.9	123.9
106	103.6	77.6	117.6

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#10

Phenol

Concen: 41.83 ng

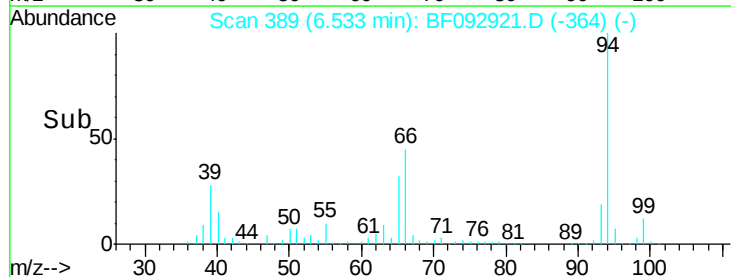
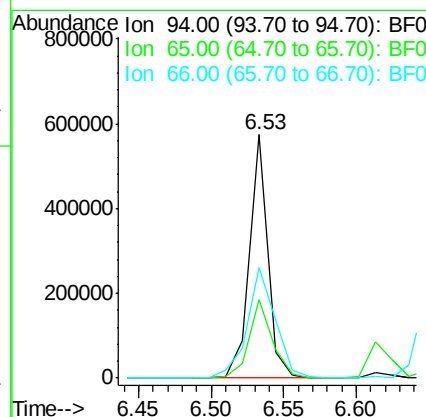
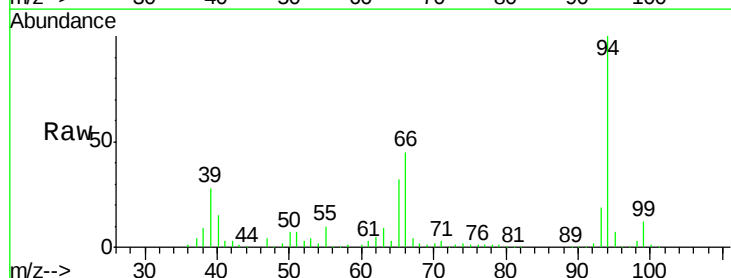
RT: 6.53 min Scan# 389

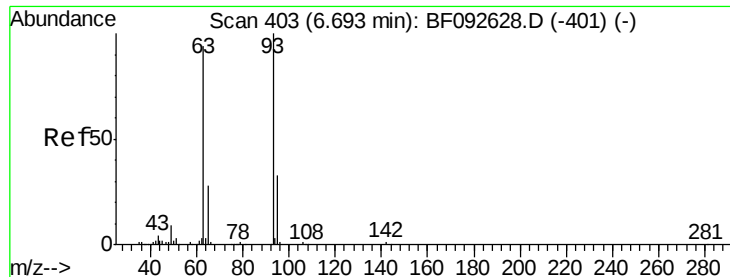
Delta R.T. -0.01 min

Lab File: BF092921.D

Acq: 13 Feb 2017 16:40

Tgt Ion:	94	Resp:	505180
Ion	Ratio	Lower	Upper
94	100		
65	32.4	21.4	61.4
66	45.5	44.0	84.0





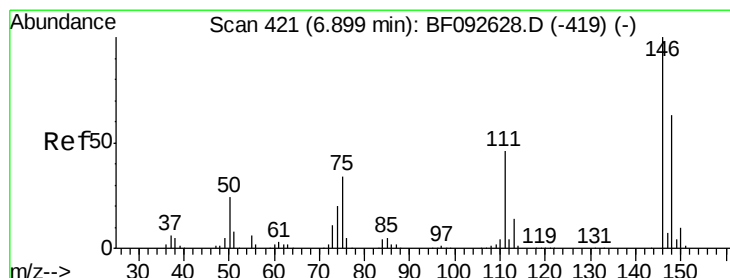
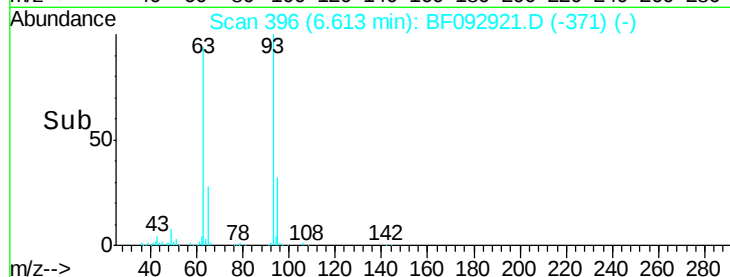
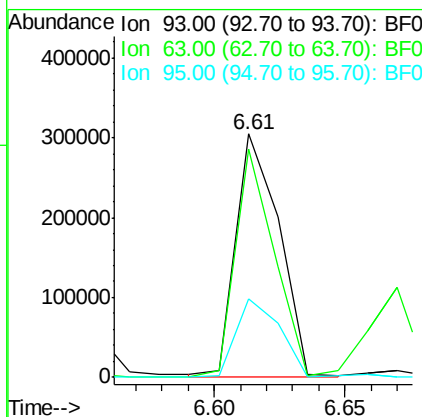
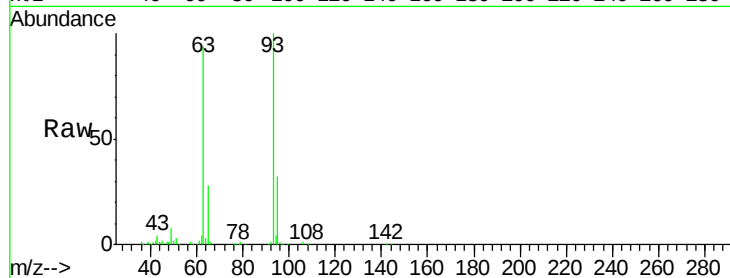
#11
bis(2-Chloroethyl)ether
Concen: 36.94 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB96883BSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	93.9	60.4	100.4
95	32.0	12.8	52.8

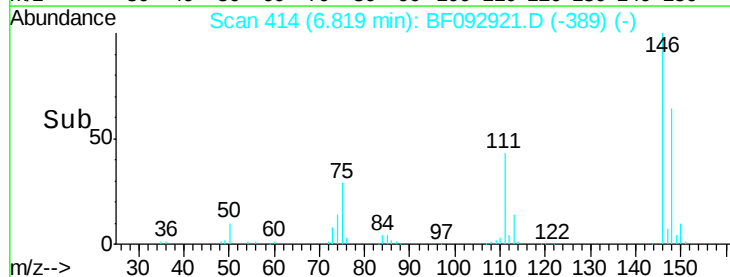
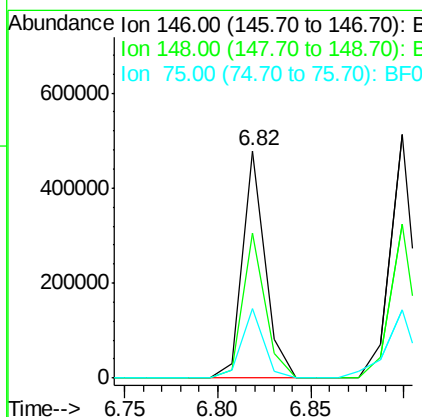
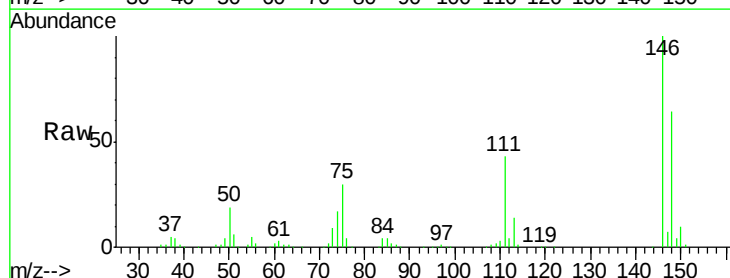
Manual Integrations
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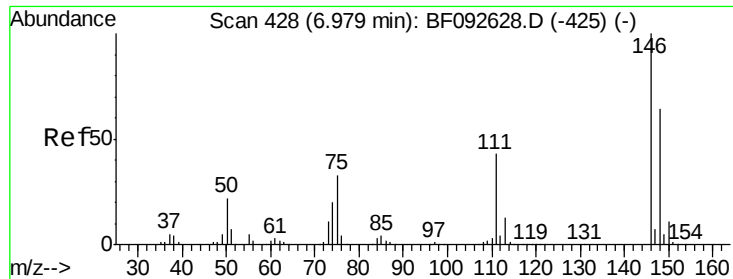
mohammad
2/14/2017 11:30:09 AM



#12
1,3-Dichlorobenzene
Concen: 39.19 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	53.4	80.0
75	30.5	18.5	27.7#





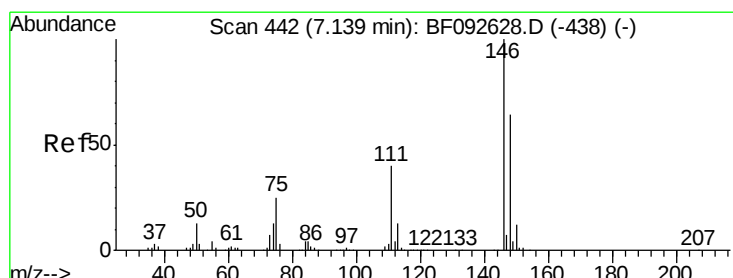
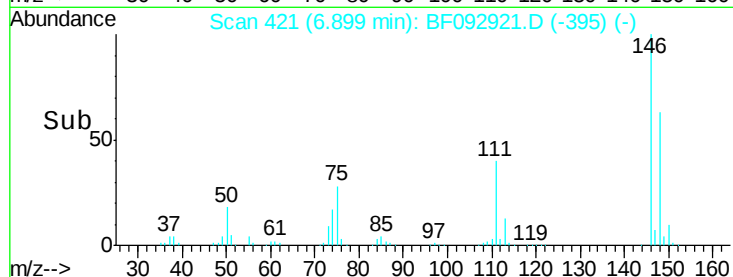
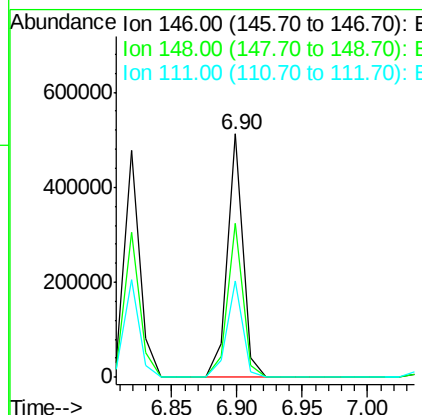
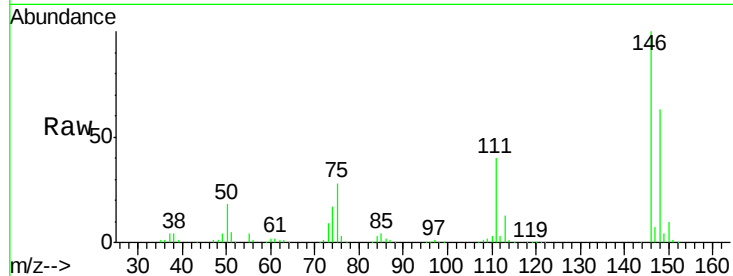
#13
 1,4-Dichlorobenzene
 Concen: 40.93 ng
 RT: 6.90 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF092921.D
 Acq: 13 Feb 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB96883BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
111	39.6	36.2	54.4

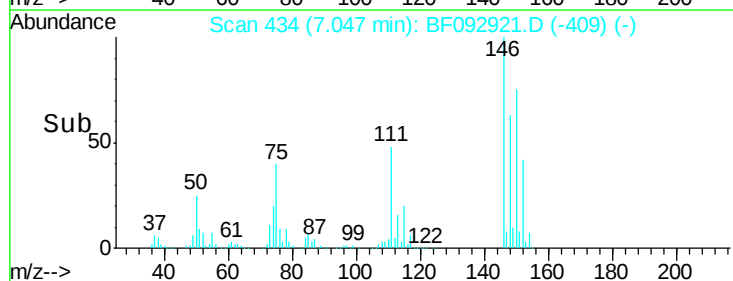
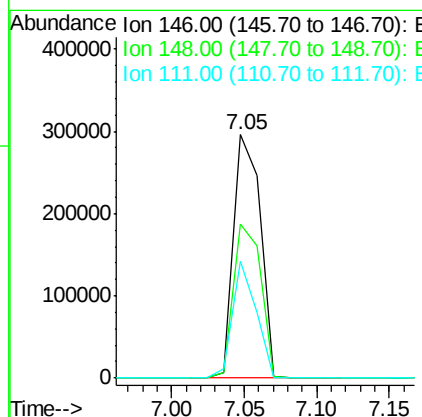
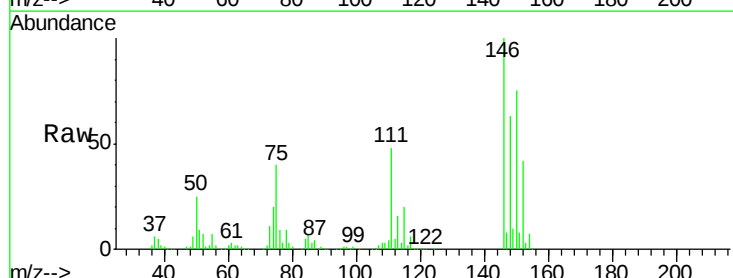
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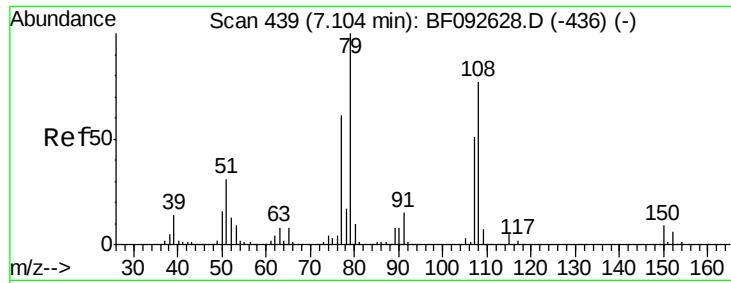
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 37.72 ng
 RT: 7.05 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF092921.D
 Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.2	78.2
111	48.1	36.2	54.2





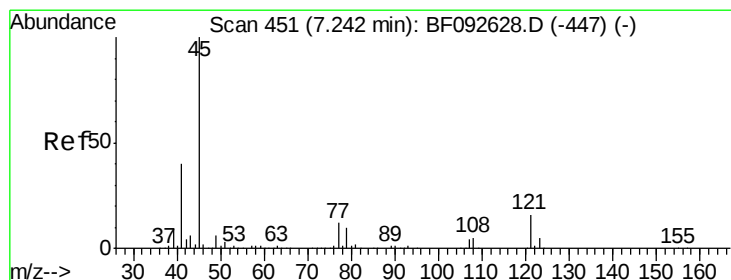
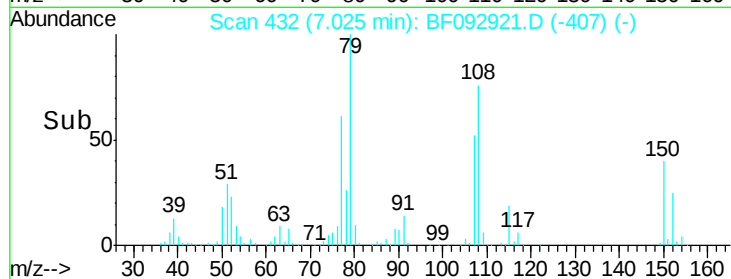
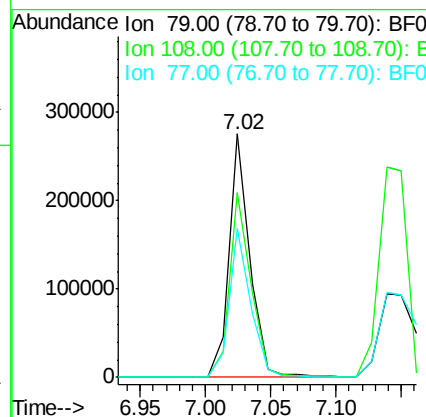
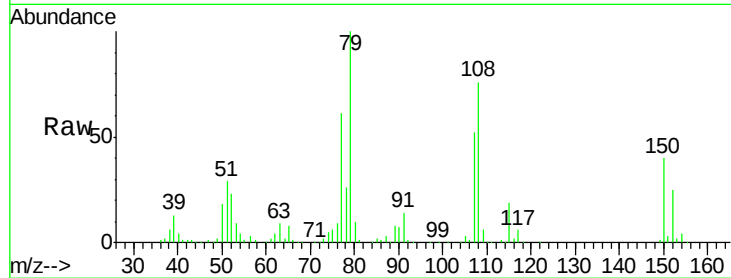
#15
Benzyl Alcohol
Concen: 40.03 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB96883BSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	75.7	61.4	92.0
77	61.0	50.9	76.3

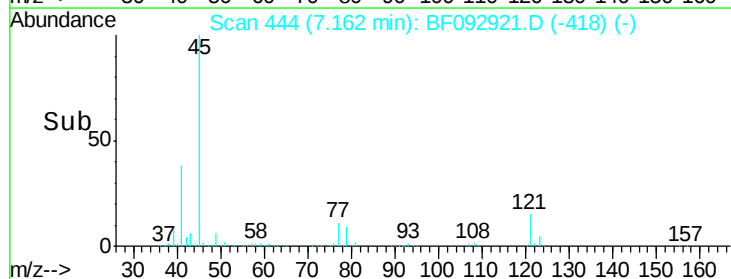
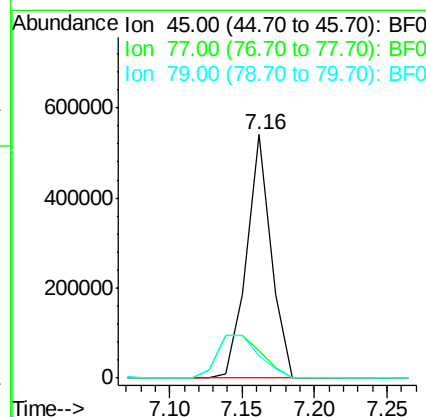
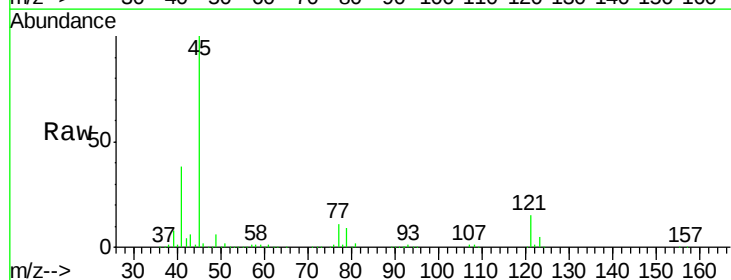
Manual Integrations
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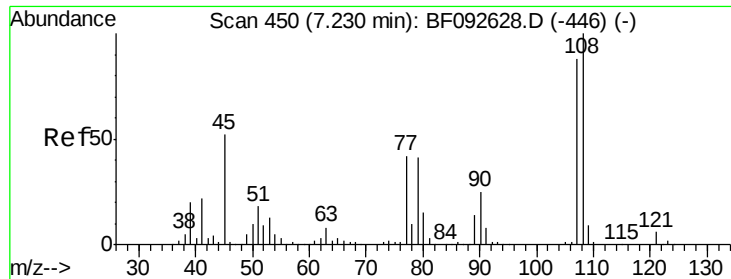
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.76 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	34.6
79	9.2	0.0	31.2





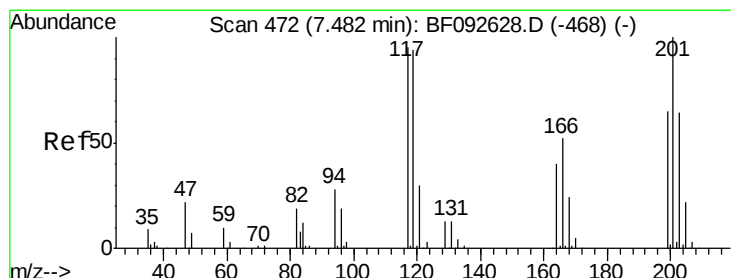
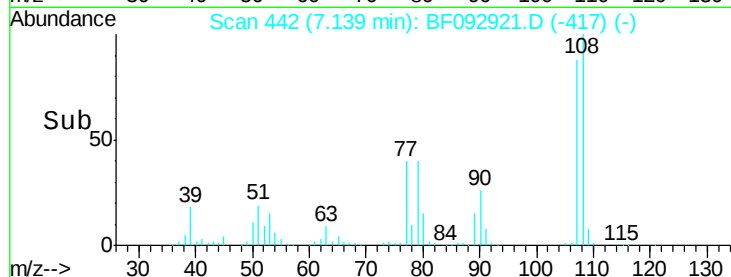
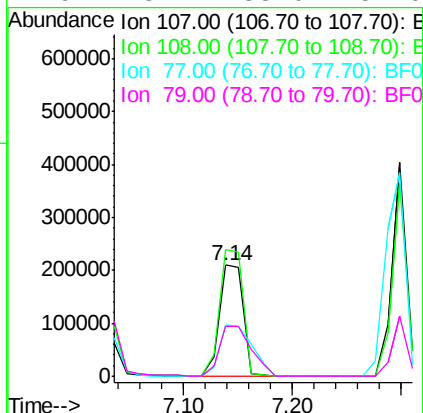
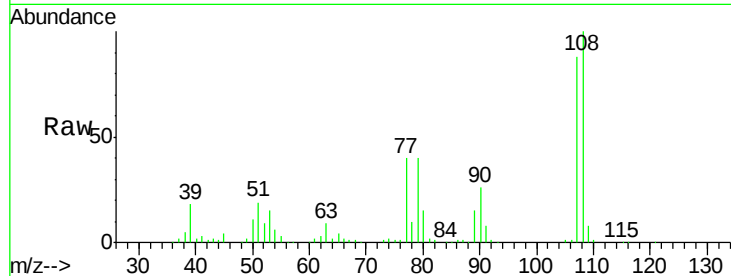
#17
2-Methylphenol
Concen: 41.54 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB96883BSD

Tgt Ion:	107	Resp:	315432
Ion Ratio	Lower	Upper	
107	100		
108	113.7	93.0	139.6
77	45.7	39.8	59.8
79	45.2	38.0	57.0

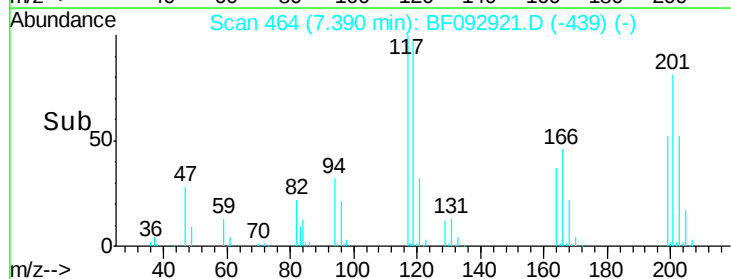
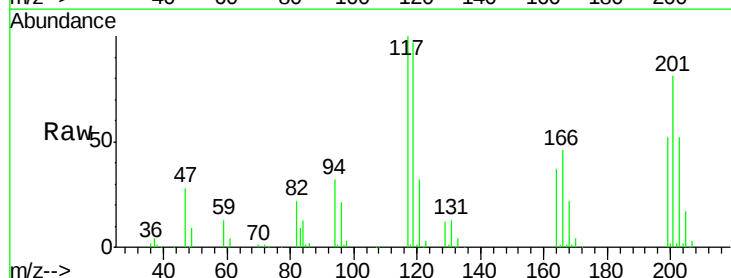
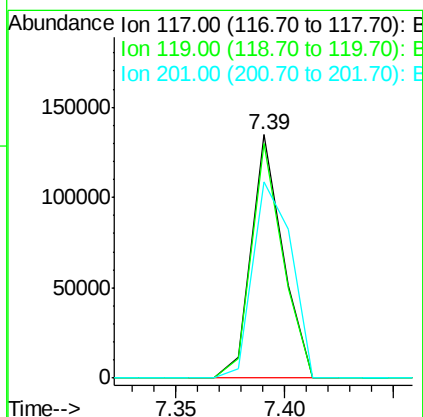
Manual Integrations
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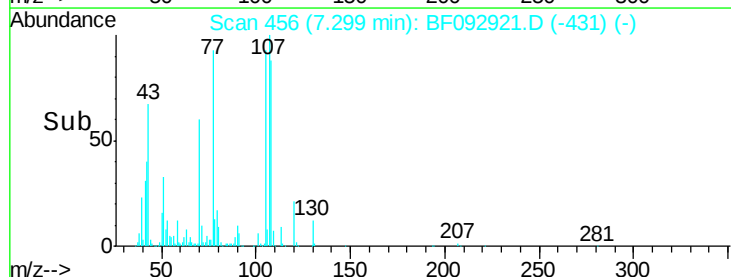
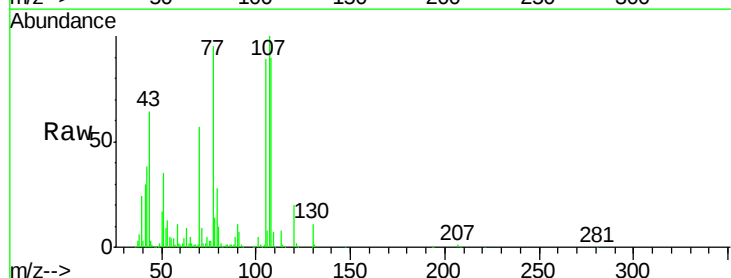
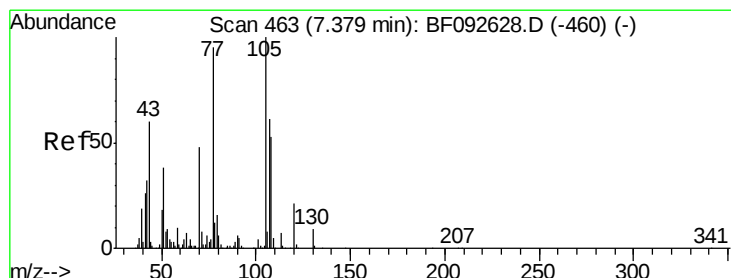
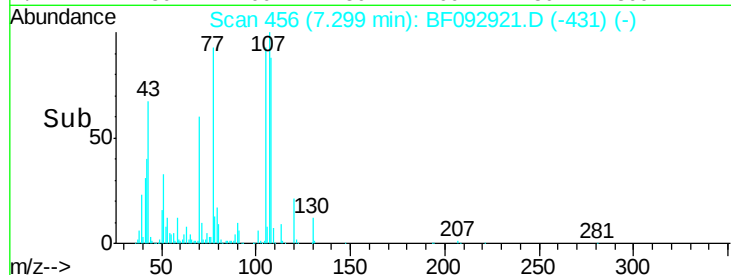
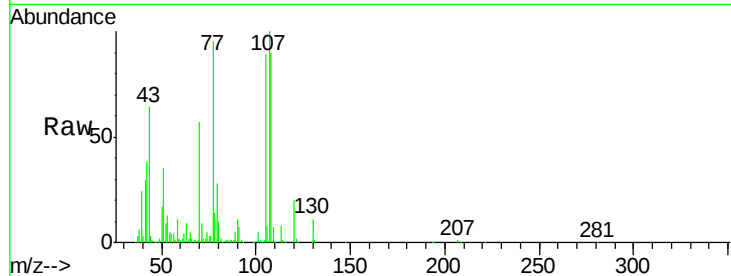
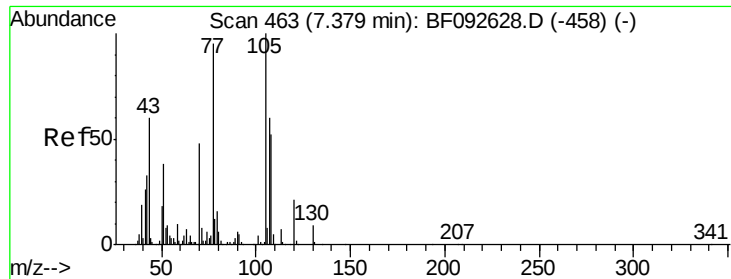
mohammad
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#18
Hexachloroethane
Concen: 37.81 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

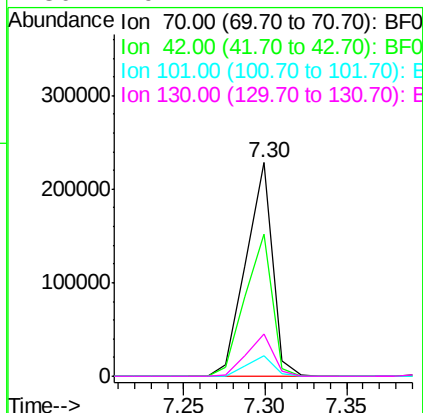
Tgt Ion:	117	Resp:	135429
Ion Ratio	Lower	Upper	
117	100		
119	96.5	78.1	117.1
201	80.7	78.6	117.8





#19
n-Nitroso-di-n-propylamine
Concen: 39.26 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	257962		
42	66.4	49.4	74.0	
101	9.5	7.4	11.2	
130	19.7	14.2	21.4	



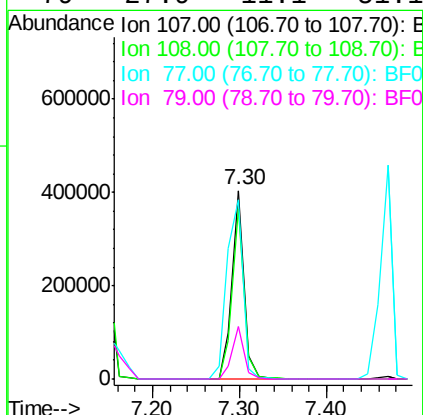
Instrument :
BNA_F
ClientSampleId :
PB96883BSD

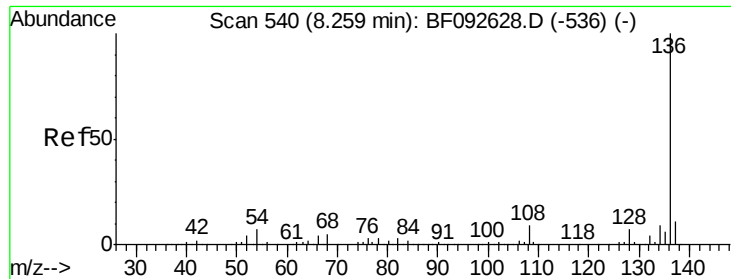
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#20
3+4-Methylphenols
Concen: 42.66 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	387269		
108	90.3	73.0	113.0	
77	95.0	71.3	111.3	
79	27.9	11.1	51.1	





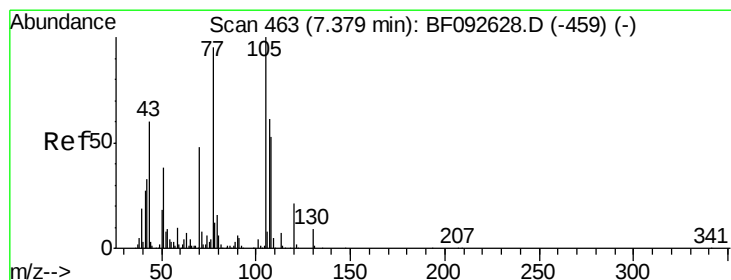
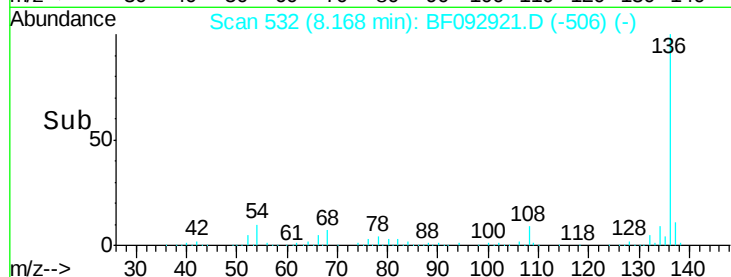
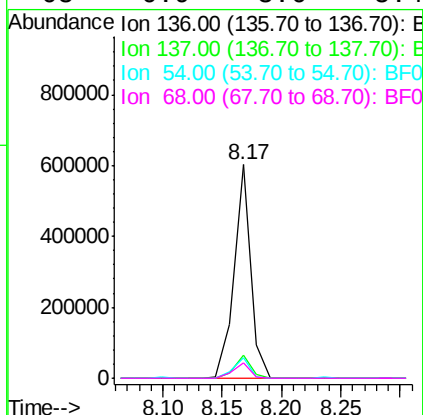
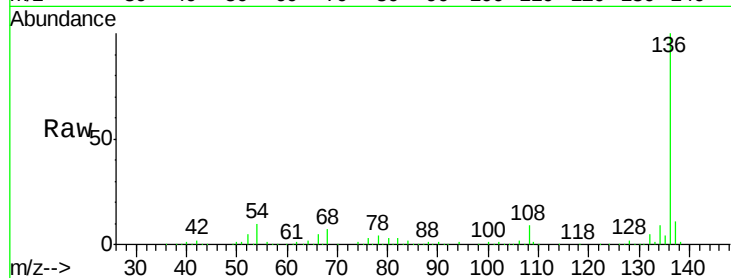
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB96883BSD

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.5	4.5	6.7#
68	6.9	3.6	5.4#

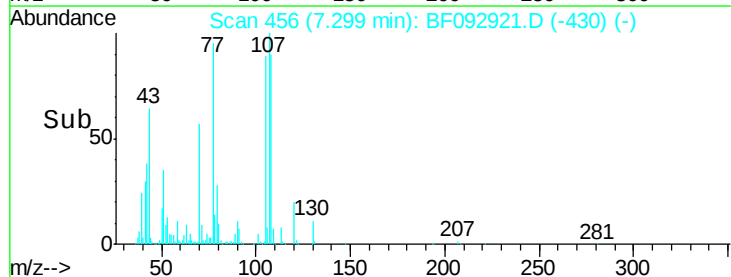
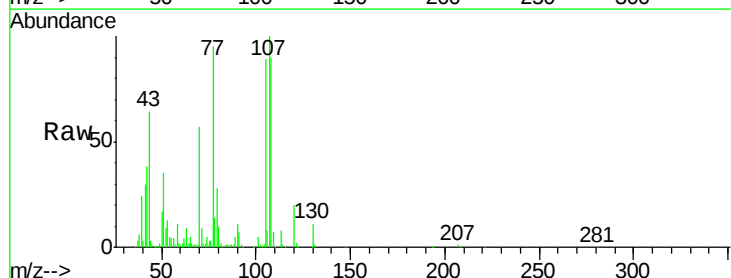
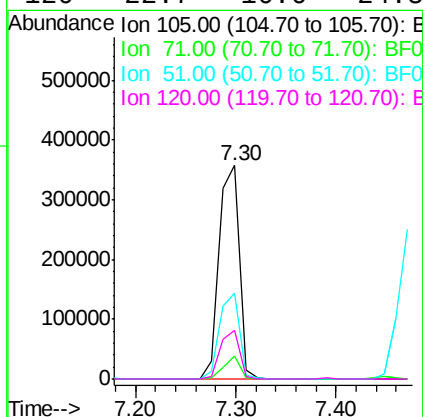
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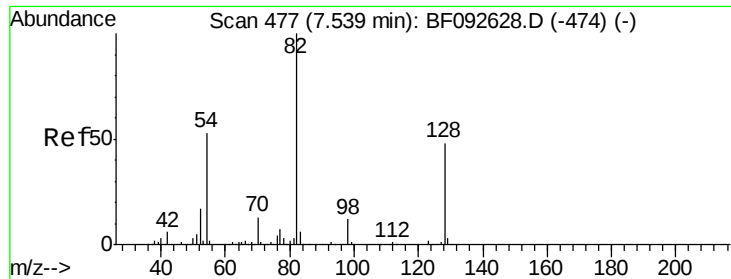
mohammad
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#22
Acetophenone
Concen: 37.25 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	10.6	3.2	4.8#
51	40.0	26.2	39.4#
120	22.7	16.6	24.8





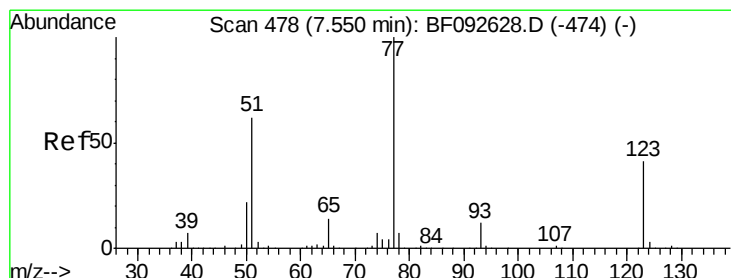
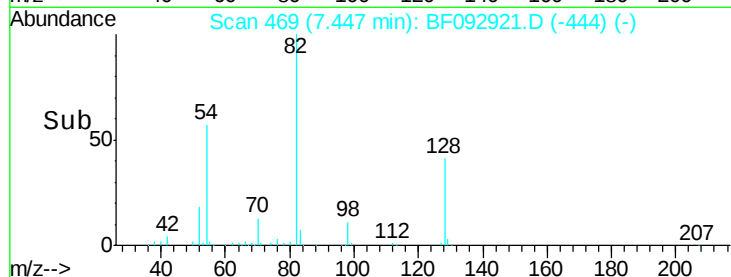
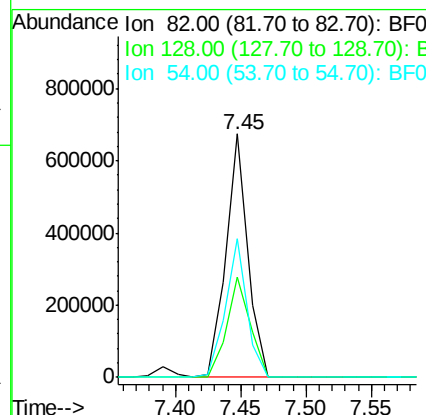
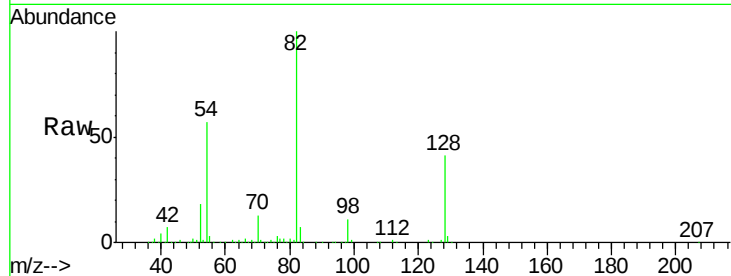
#23
 Nitrobenzene-d5
 Concen: 75.10 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092921.D
 Acq: 13 Feb 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB96883BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.6	52.0
54	56.9	39.5	59.3

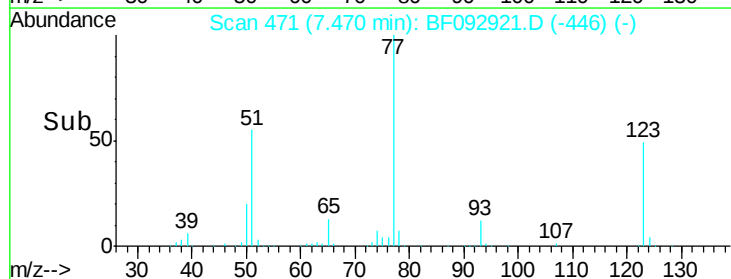
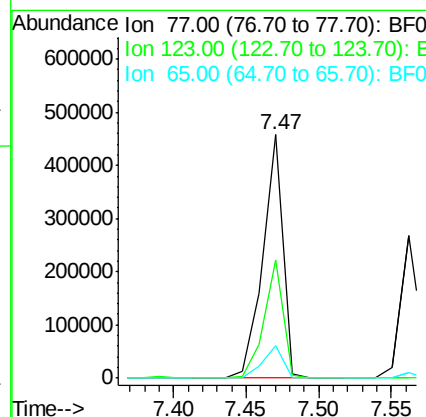
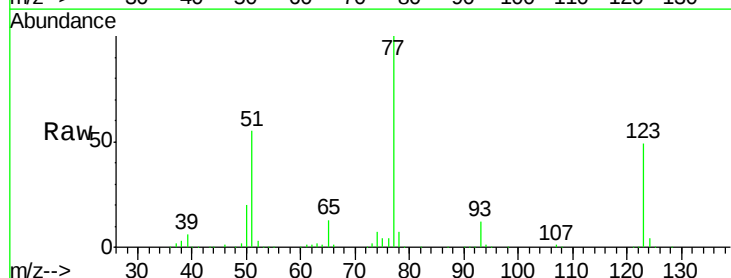
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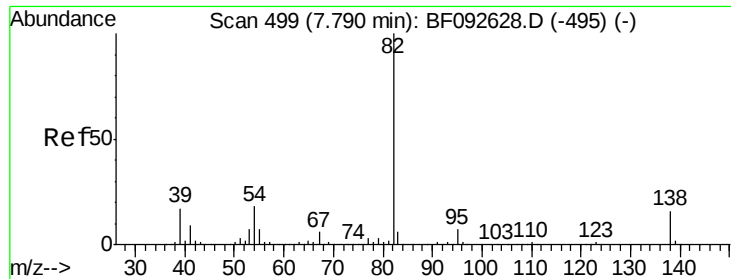
mohammad
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#24
 Nitrobenzene
 Concen: 40.80 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.01 min
 Lab File: BF092921.D
 Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	33.0	49.4
65	13.4	11.2	16.8





#25

Isophorone

Concen: 38.86 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF092921.D

Acq: 13 Feb 2017 16:40

Instrument :

BNA_F

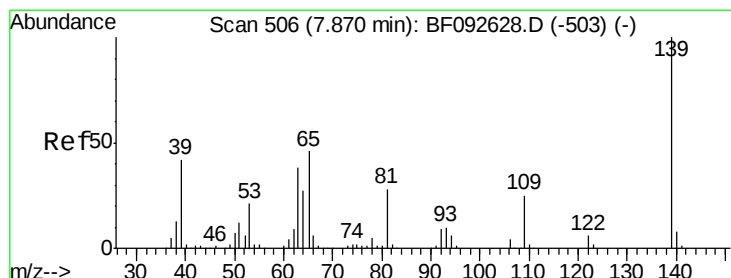
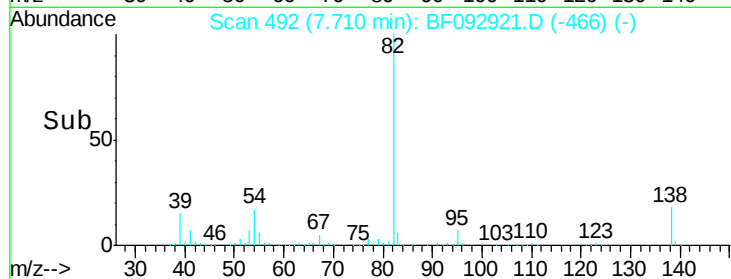
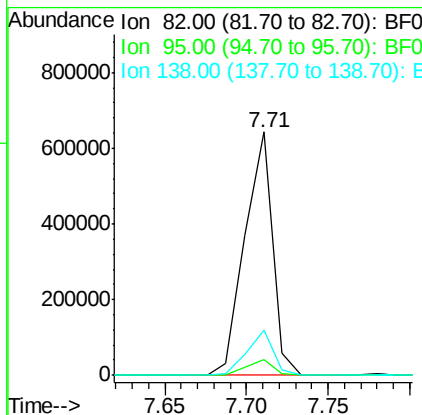
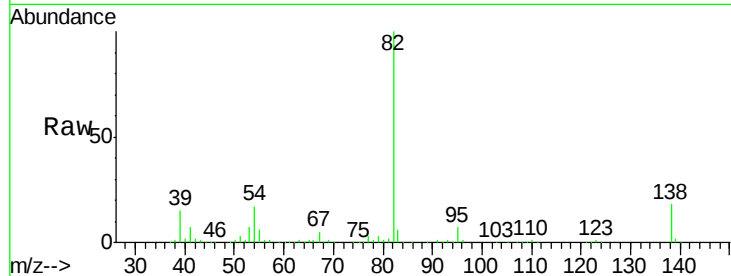
ClientSampleId :

PB96883BSD

Tgt Ion:	82	Resp:	759467
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.6	8.4
138	18.4	14.6	22.0

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#26

2-Nitrophenol

Concen: 40.64 ng

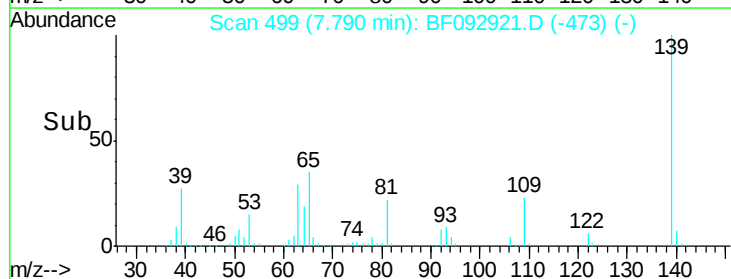
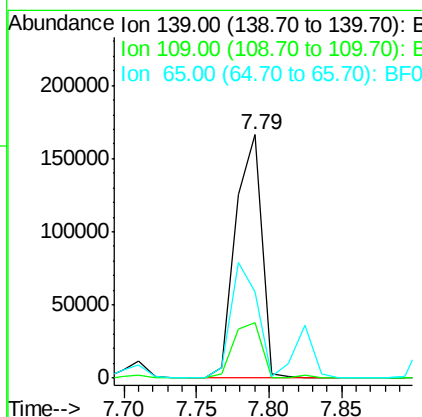
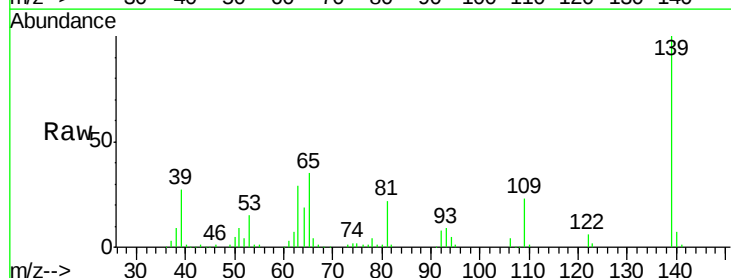
RT: 7.79 min Scan# 499

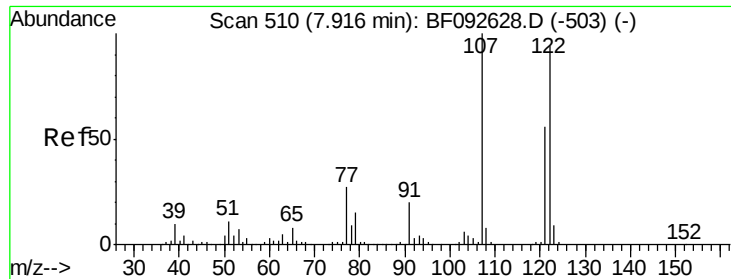
Delta R.T. 0.00 min

Lab File: BF092921.D

Acq: 13 Feb 2017 16:40

Tgt Ion:	139	Resp:	208073
Ion Ratio		Lower	Upper
139	100		
109	22.8	23.3	34.9#
65	35.4	42.7	64.1#





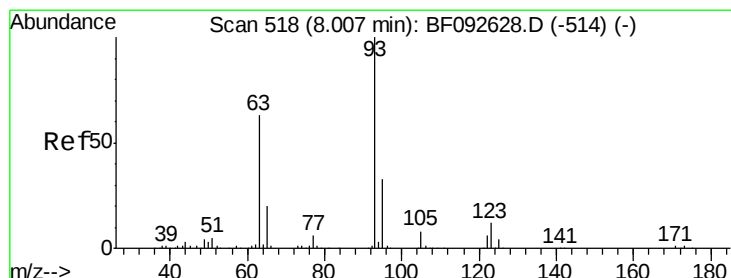
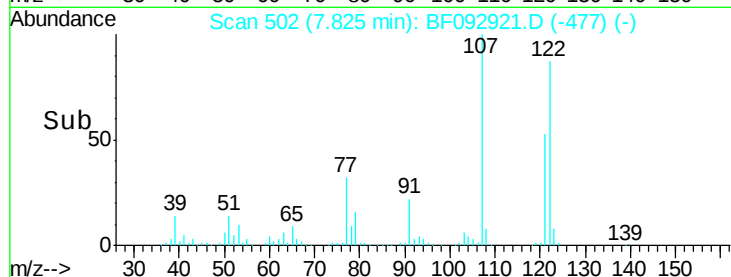
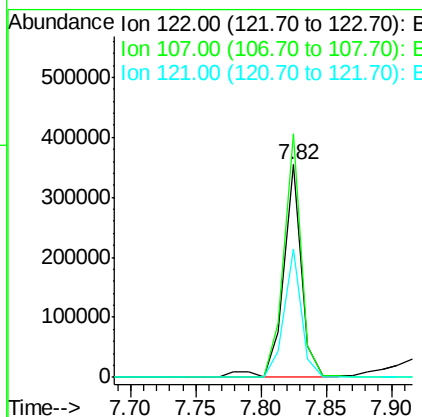
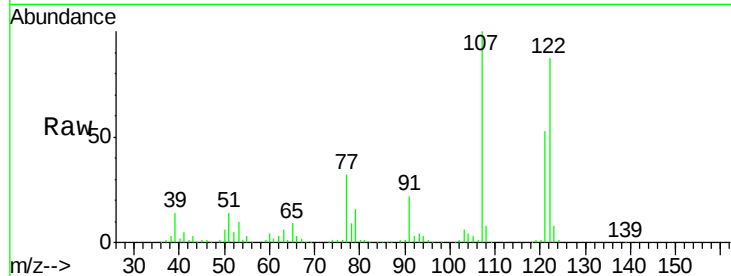
#27
2,4-Dimethylphenol
Concen: 38.76 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB96883BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	348496		
107	114.5	94.1	141.1	
121	60.4	46.0	69.0	

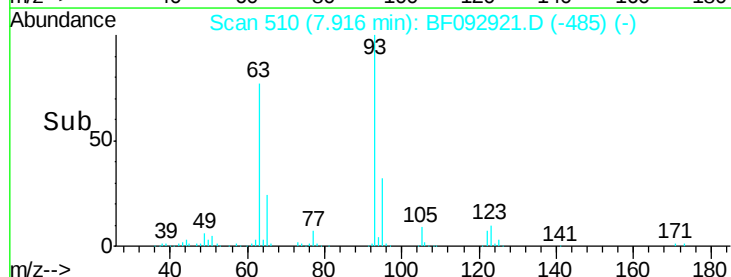
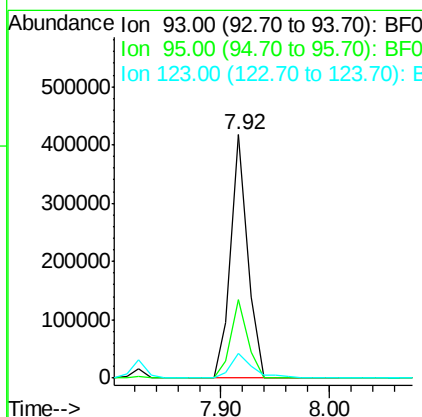
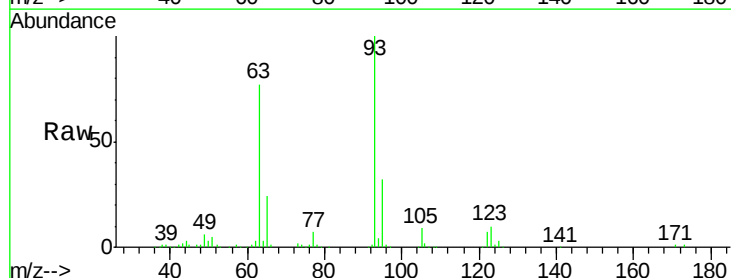
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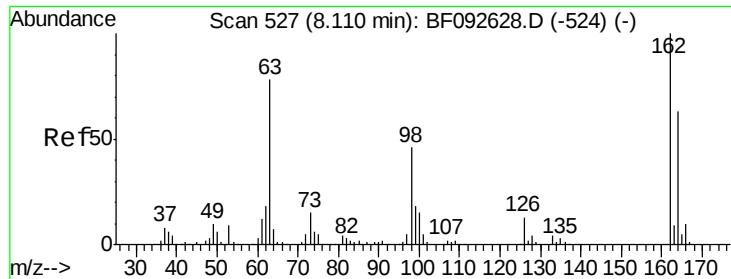
mohammad
2/14/2017 11:30:09 AM



#28
bis(2-Chloroethoxy)methane
Concen: 34.85 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	451081		
95	32.3	26.5	39.7	
123	10.2	8.6	13.0	





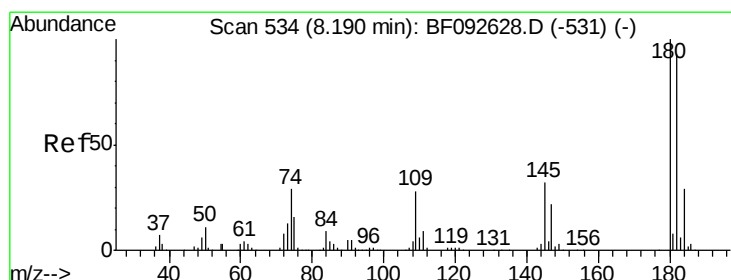
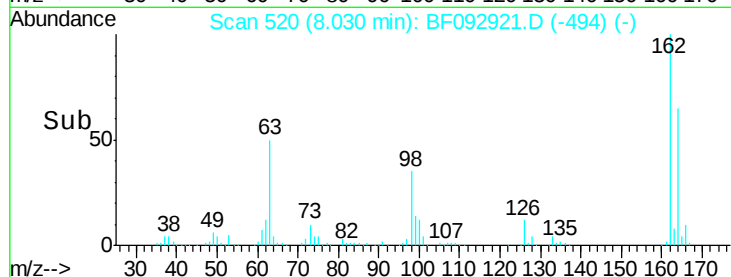
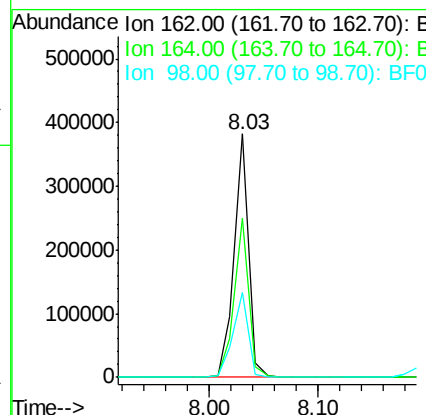
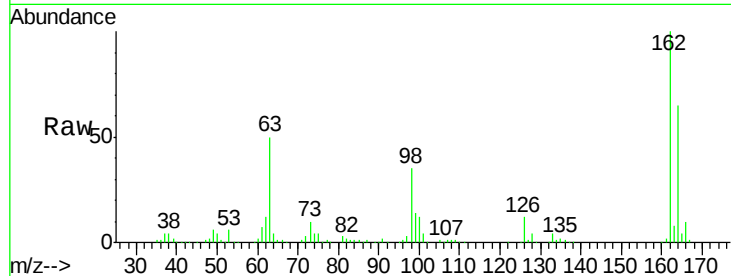
#29
2,4-Dichlorophenol
Concen: 41.68 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB96883BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	349549		
164	65.3	46.8	86.8	
98	35.1	9.1	49.1	

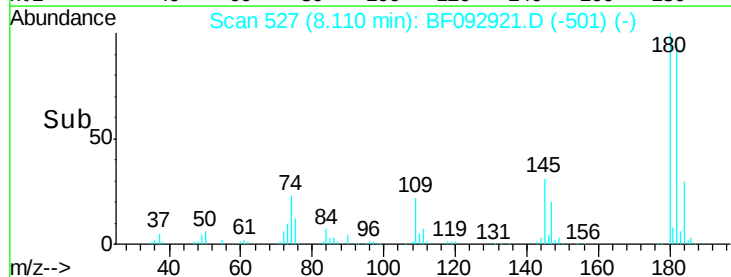
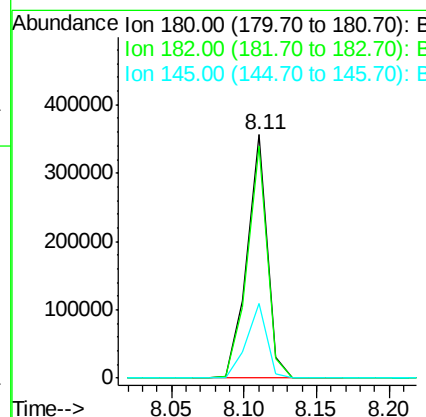
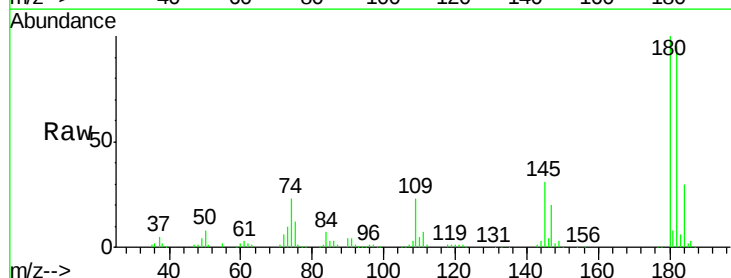
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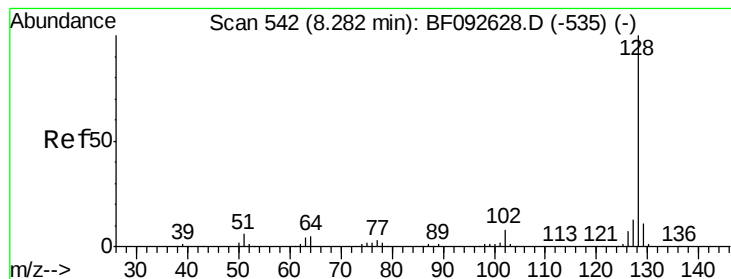
mohammad
2/14/2017 11:30:09 AM



#30
1,2,4-Trichlorobenzene
Concen: 38.26 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	345795		
182	95.2	78.2	117.4	
145	30.6	21.6	32.4	





#31

Naphthalene

Concen: 36.95 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF092921.D

Acq: 13 Feb 2017 16:40

Instrument :

BNA_F

ClientSampleId :

PB96883BSD

Tgt Ion:128 Resp: 1093989

Ion Ratio Lower Upper

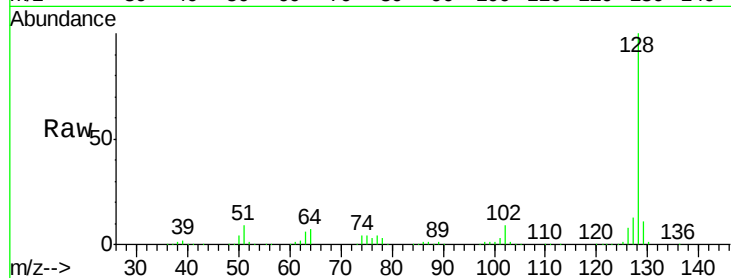
128 100

129 11.1 9.5 14.3

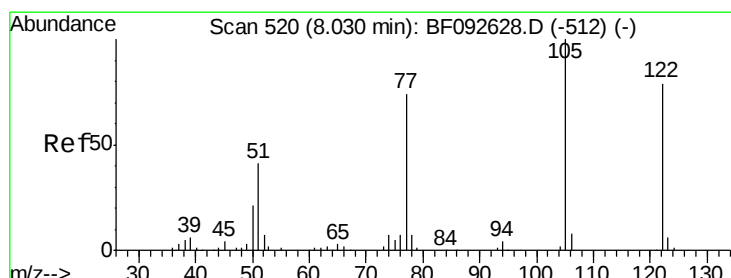
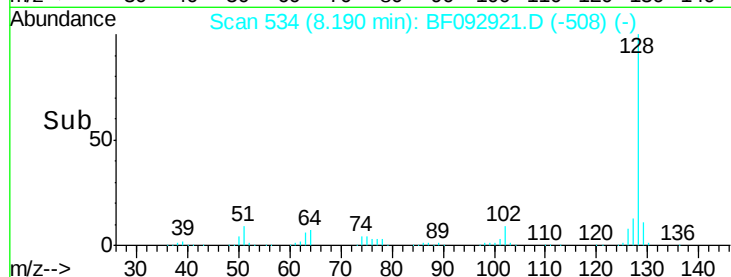
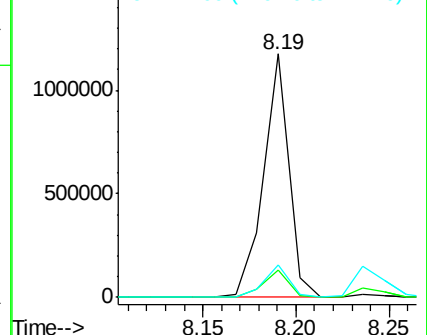
127 13.2 10.8 16.2

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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: 38.77 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF092921.D

Acq: 13 Feb 2017 16:40

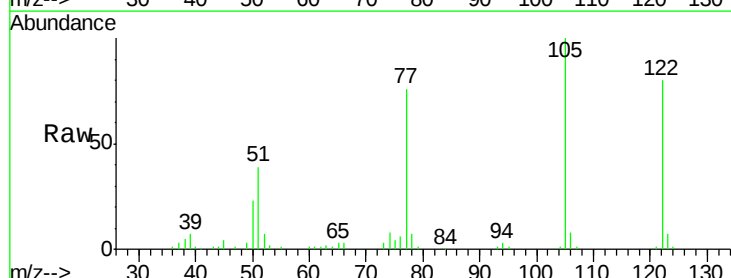
Tgt Ion:122 Resp: 189246

Ion Ratio Lower Upper

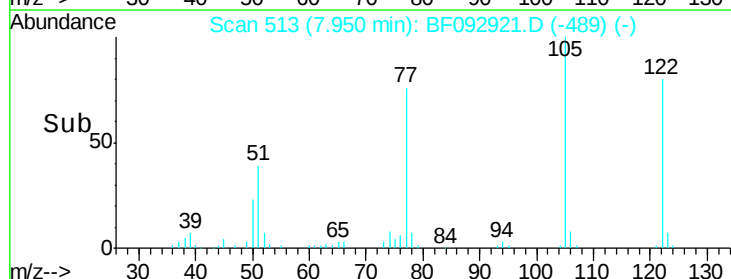
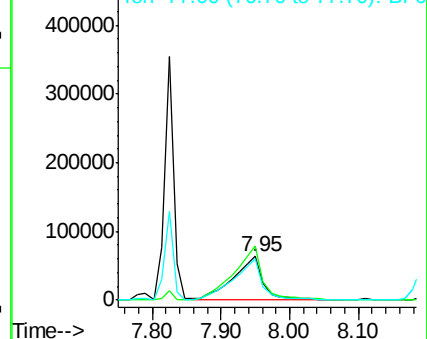
122 100

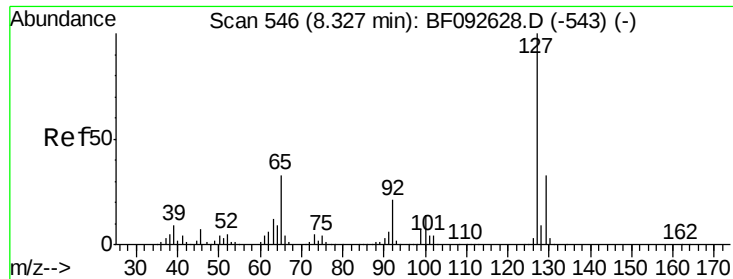
105 125.0 107.2 147.2

77 95.3 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





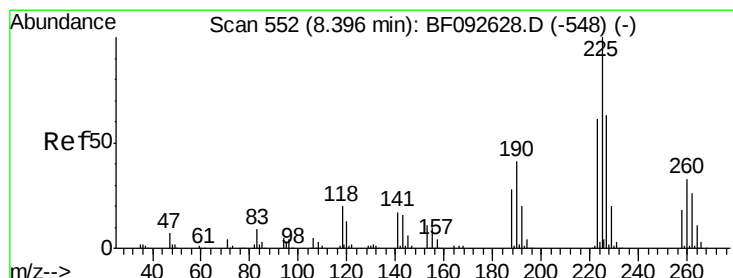
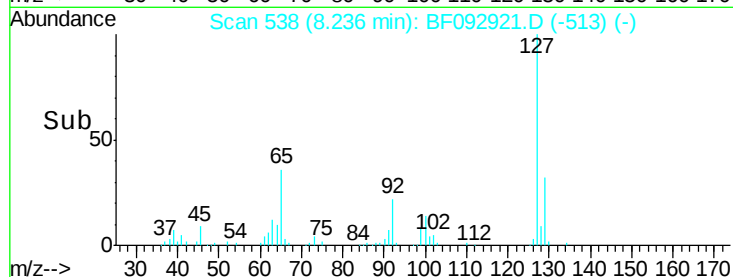
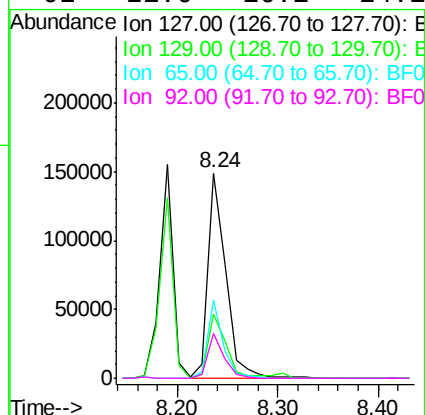
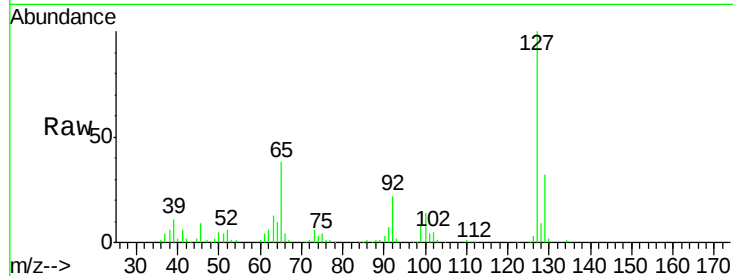
#33
4-Chloroaniline
Concen: 15.81 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB96883BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	183556		
129	31.5	26.3	39.5	
65	37.9	25.8	38.8	
92	21.6	16.1	24.1	

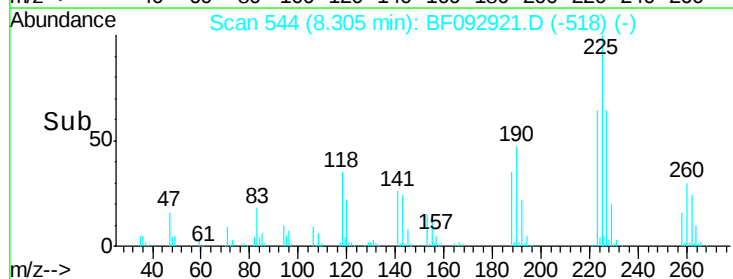
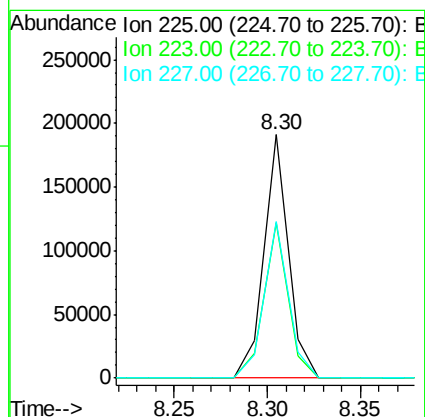
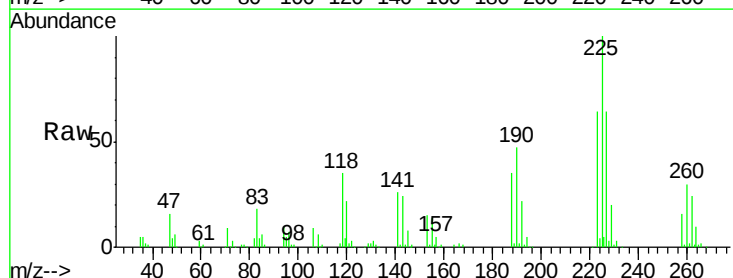
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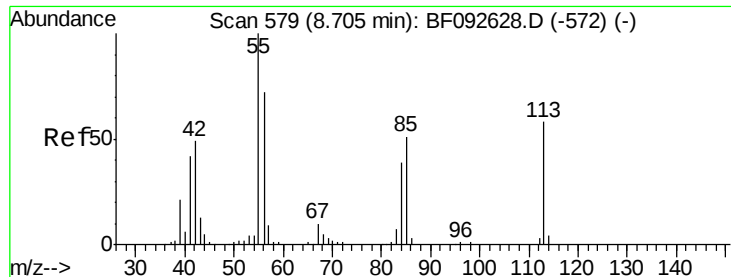
mohammad
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#34
Hexachlorobutadiene
Concen: 34.75 ng
RT: 8.30 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	172777		
223	63.9	51.0	76.6	
227	64.3	50.6	76.0	





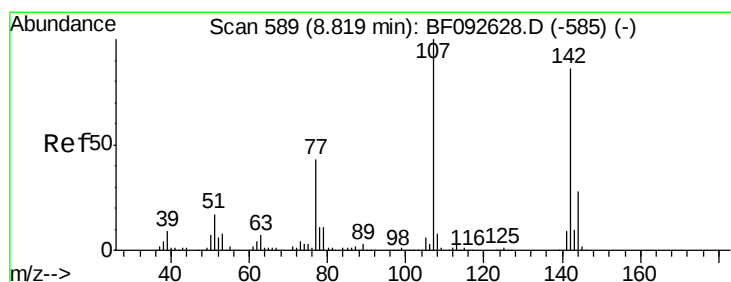
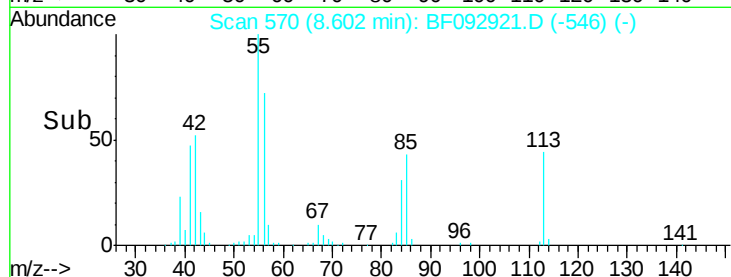
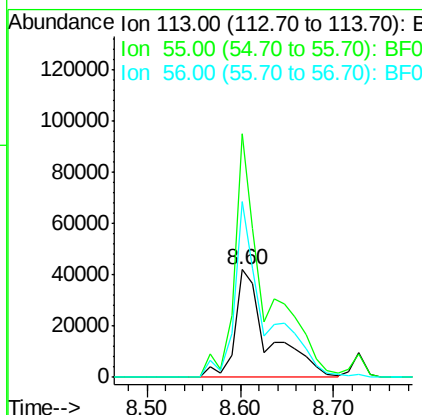
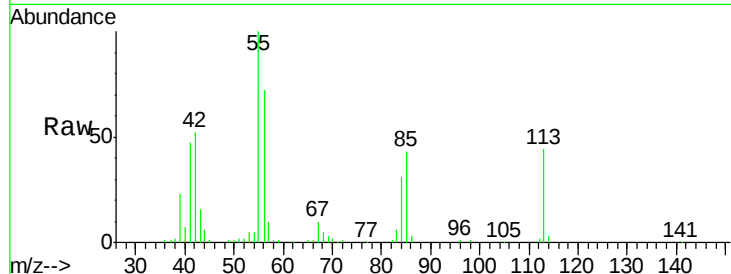
#35
 Caprolactam
 Concen: 40.57 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.02 min
 Lab File: BF092921.D
 Acq: 13 Feb 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB96883BSD

Tgt Ion:113 Resp: 107026
 Ion Ratio Lower Upper
 113 100
 55 226.6 119.2 159.2#
 56 163.7 83.8 123.8#

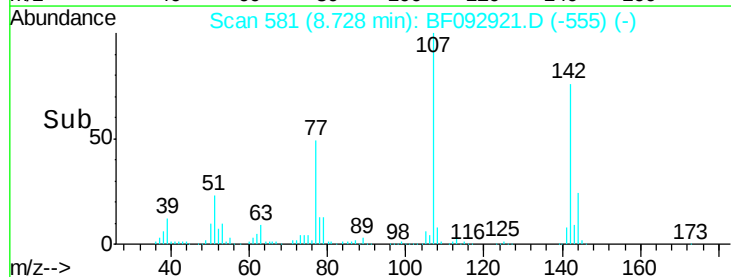
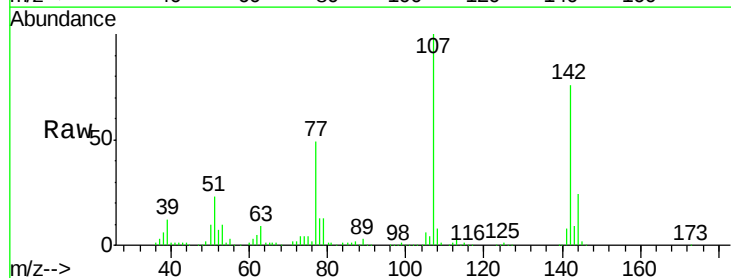
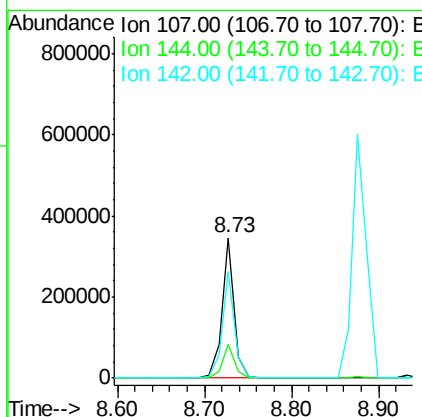
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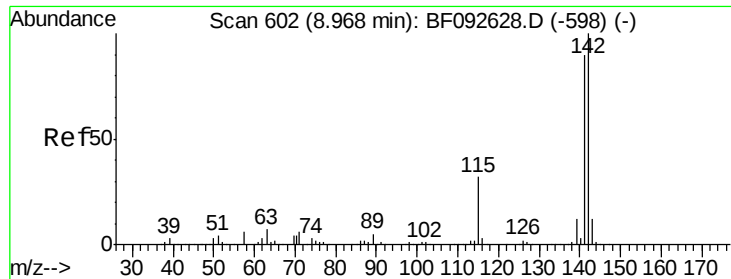
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 39.02 ng
 RT: 8.73 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF092921.D
 Acq: 13 Feb 2017 16:40

Tgt Ion:107 Resp: 341172
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.3 28.9
 142 76.2 59.0 88.6





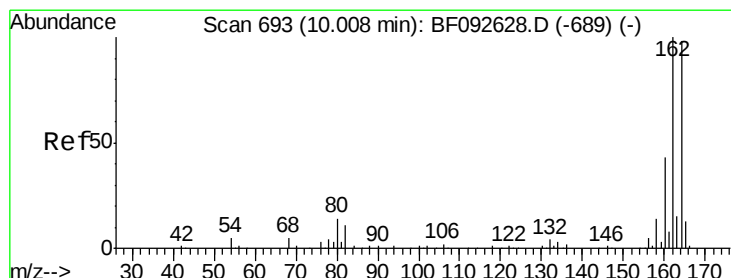
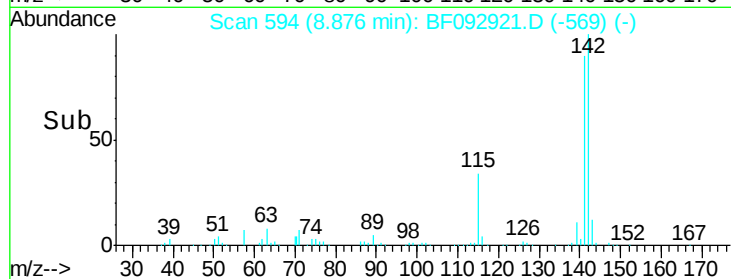
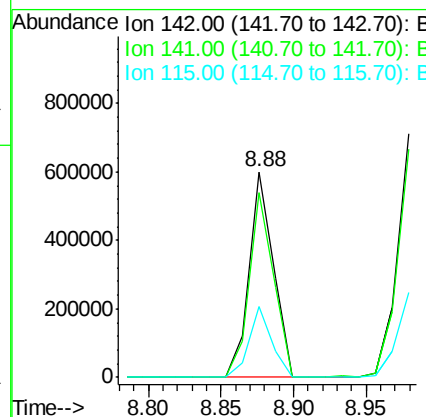
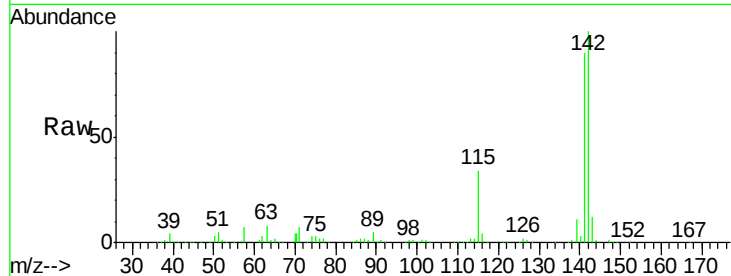
#37
2-Methylnaphthalene
Concen: 36.74 ng
RT: 8.88 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB96883BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	34.4	28.3	42.5

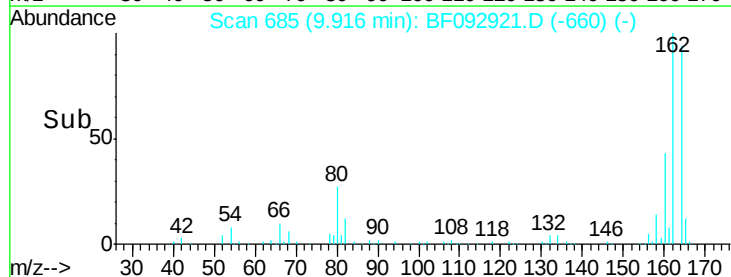
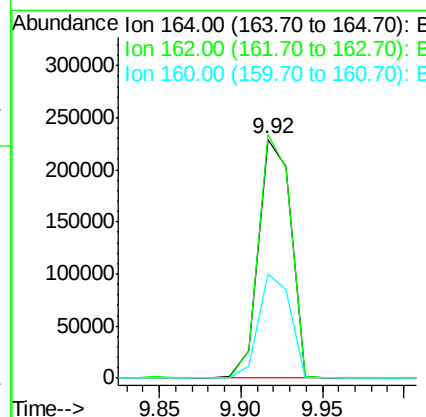
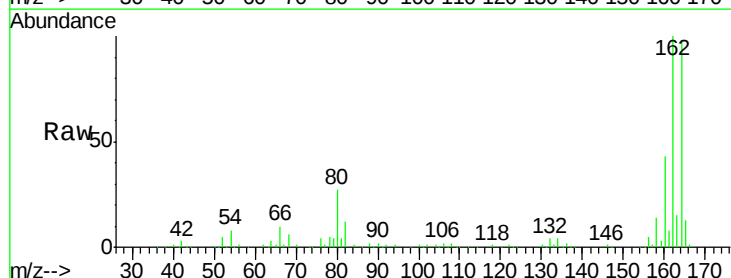
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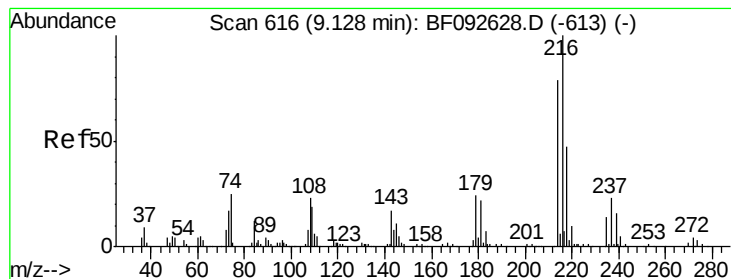
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.2	120.2
160	43.4	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.14 ng

RT: 9.05 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF092921.D

Acq: 13 Feb 2017 16:40

Instrument :

BNA_F

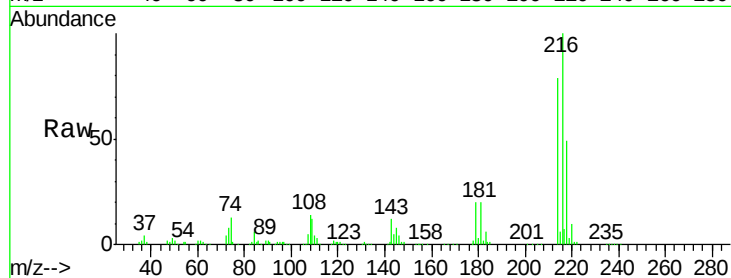
ClientSampleId :

PB96883BSD

Tgt Ion:	216	Resp:	338743
Ion Ratio		Lower	Upper
216	100		
214	79.0	63.4	95.0
179	21.0	17.4	26.2
108	18.7	15.6	23.4

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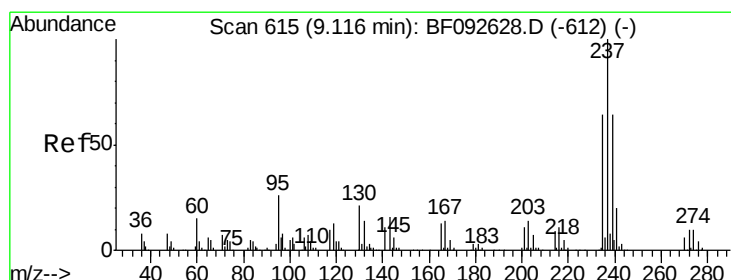
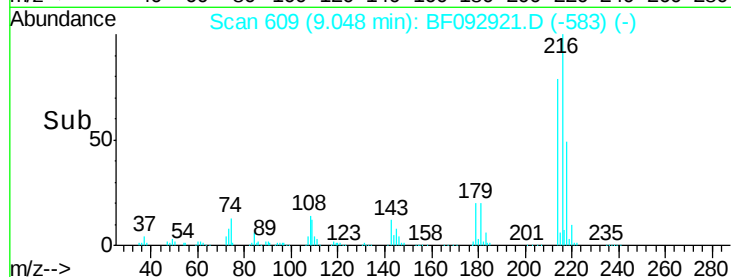
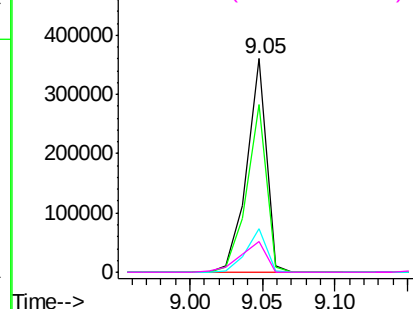


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 48.79 ng

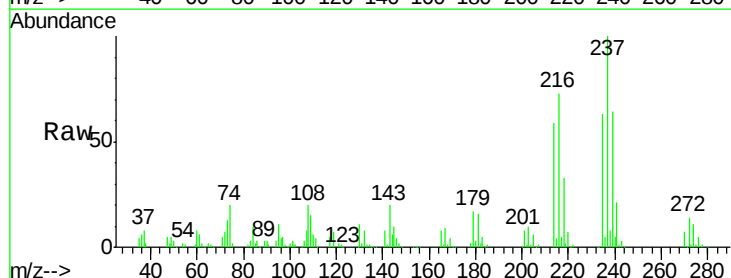
RT: 9.04 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF092921.D

Acq: 13 Feb 2017 16:40

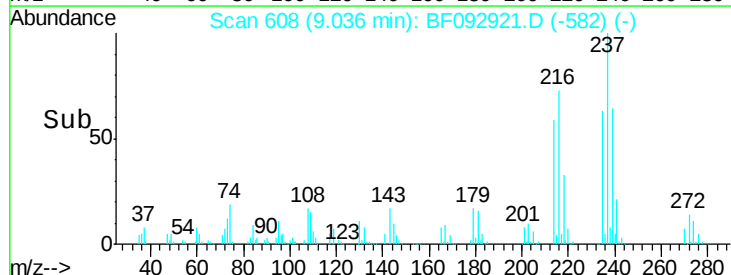
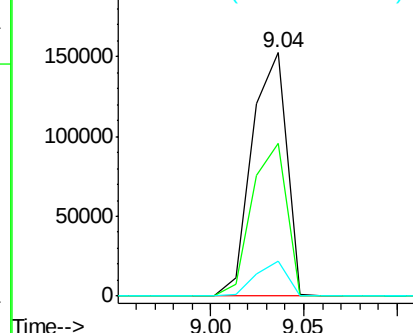
Tgt Ion:	237	Resp:	195495
Ion Ratio		Lower	Upper
237	100		
235	62.6	41.2	81.2
272	14.1	0.0	35.4

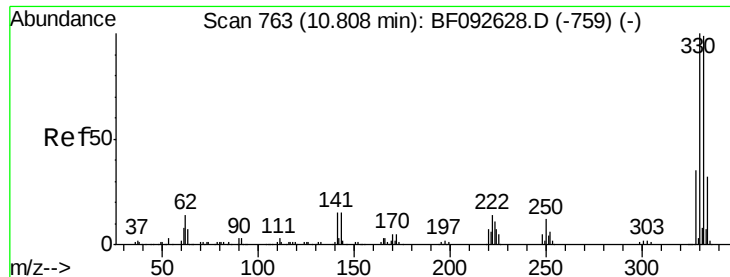


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





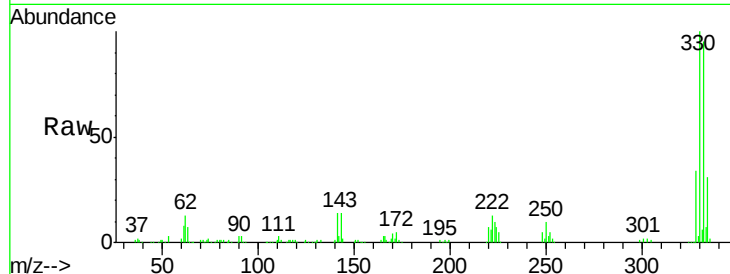
#41
 2,4,6-Tribromophenol
 Concen: 87.41 ng
 RT: 10.72 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF092921.D
 Acq: 13 Feb 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB96883BSD

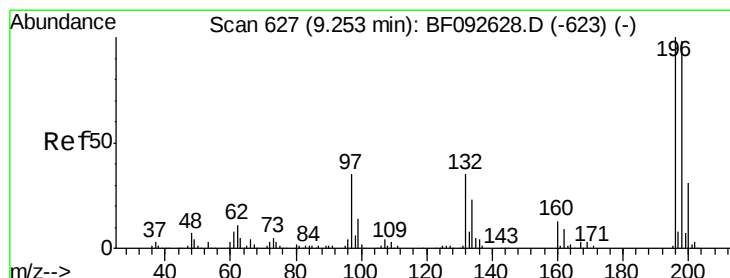
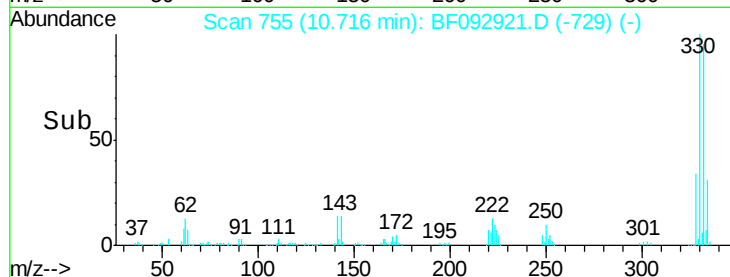
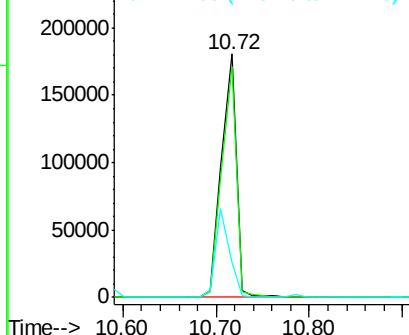
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	200020		
332	93.6	77.4	116.2	
141	33.9	34.1	51.1#	

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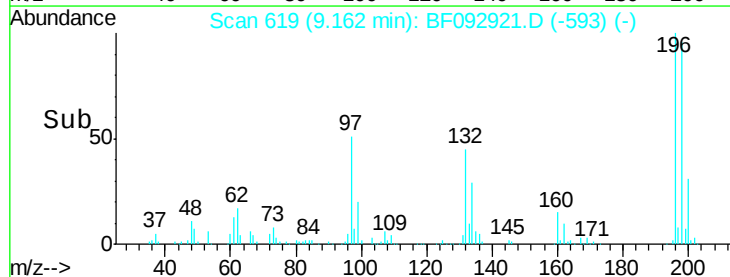
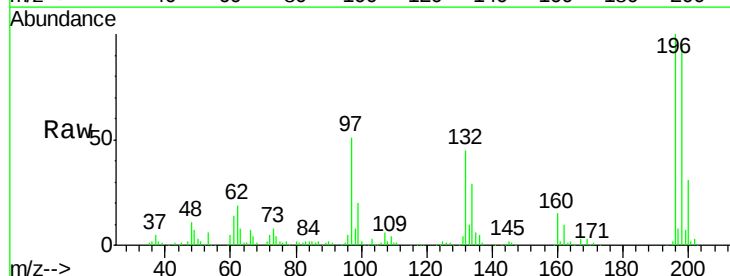
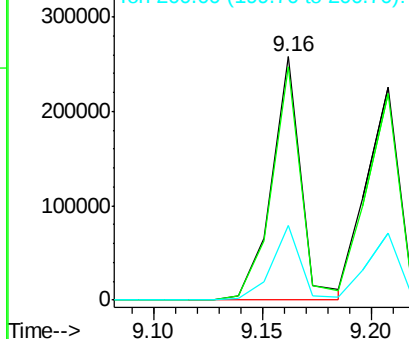
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

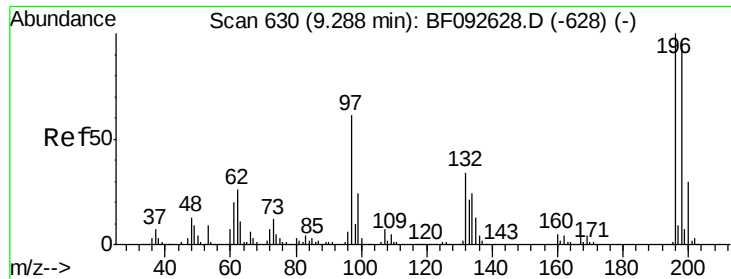


#42
 2,4,6-Trichlorophenol
 Concen: 41.70 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF092921.D
 Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	243316		
198	95.9	82.1	123.1	
200	30.7	27.0	40.4	

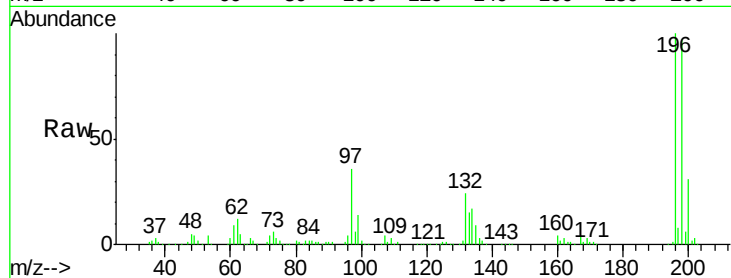
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 37.62 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092921.D
 Acq: 13 Feb 2017 16:40

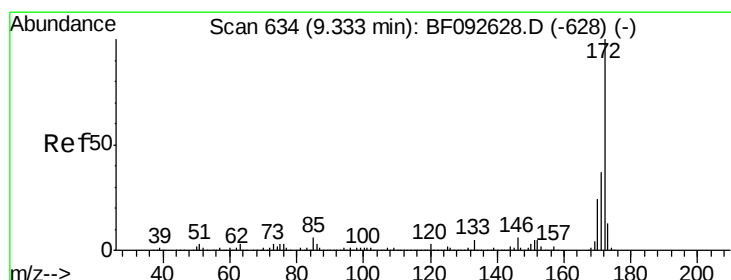
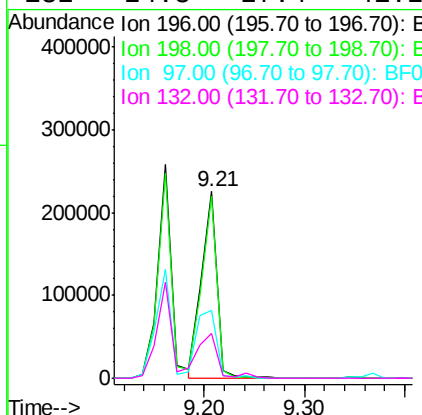
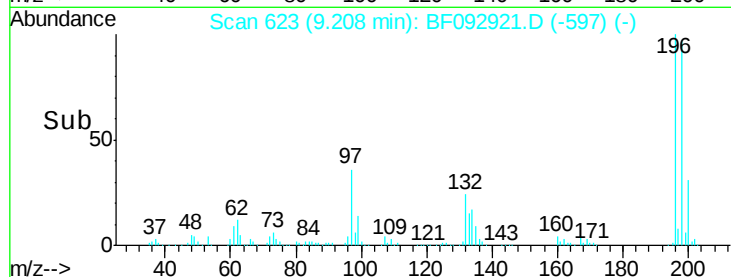
Instrument :
 BNA_F
 ClientSampleId :
 PB96883BSD



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	240511		
198	97.1	79.4	119.2	
97	36.3	51.5	77.3	
132	24.3	27.4	41.2	

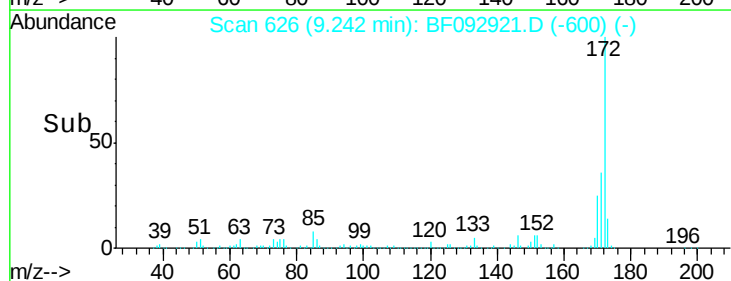
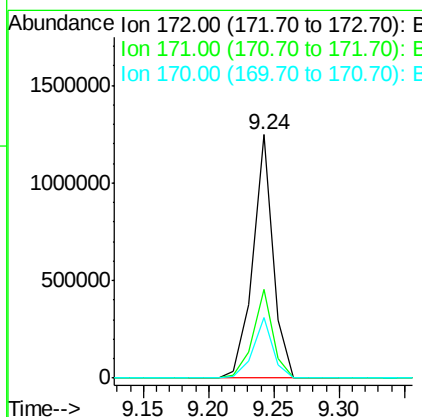
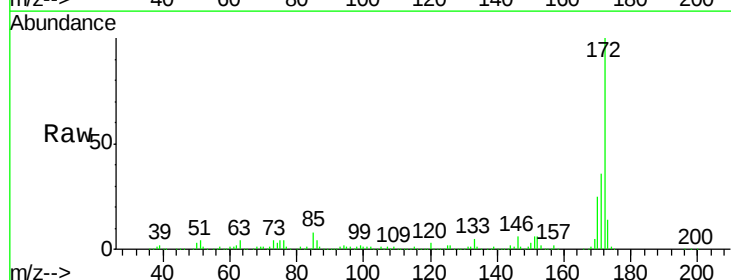
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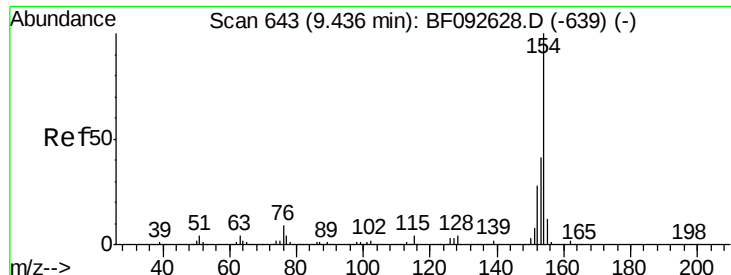
mohammad
 2/14/2017 11:30:09 AM



#44
 2-Fluorobiphenyl
 Concen: 76.95 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF092921.D
 Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1343848		
171	36.2	29.4	44.0	
170	24.7	20.2	30.4	





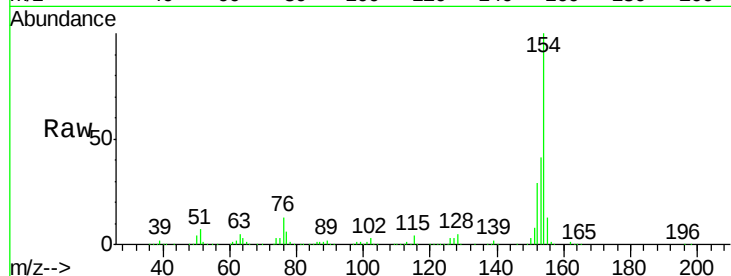
#45
 1,1'-Biphenyl
 Concen: 39.61 ng
 RT: 9.34 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF092921.D
 Acq: 13 Feb 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB96883BSD

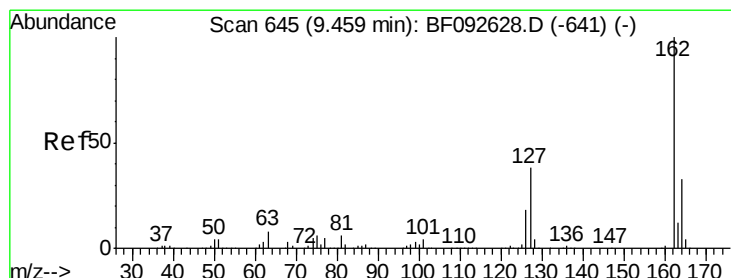
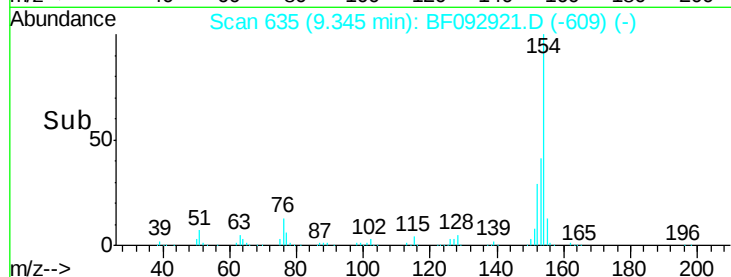
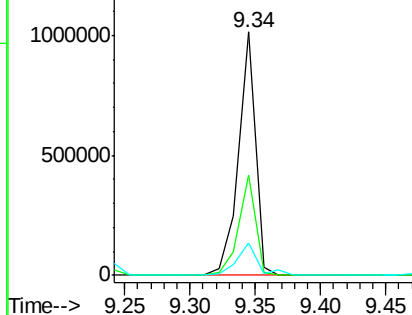
Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	40.9	20.9	60.9
76	13.1	0.0	30.5

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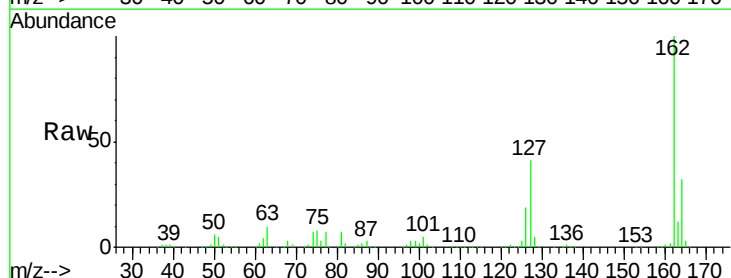


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

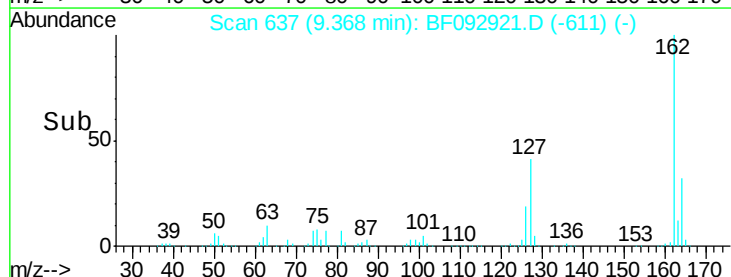
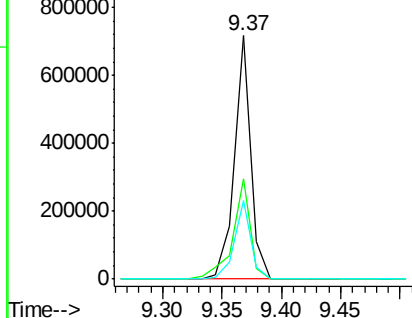


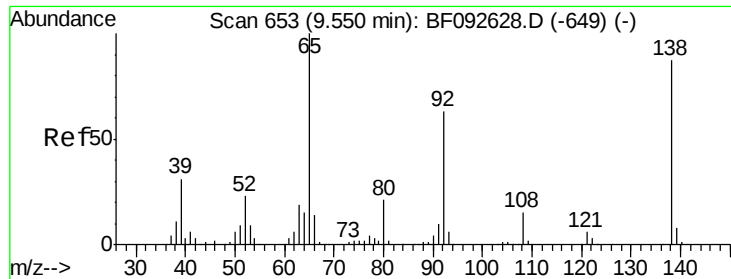
#46
 2-Chloronaphthalene
 Concen: 38.10 ng
 RT: 9.37 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF092921.D
 Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	41.1	30.7	46.1
164	32.3	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





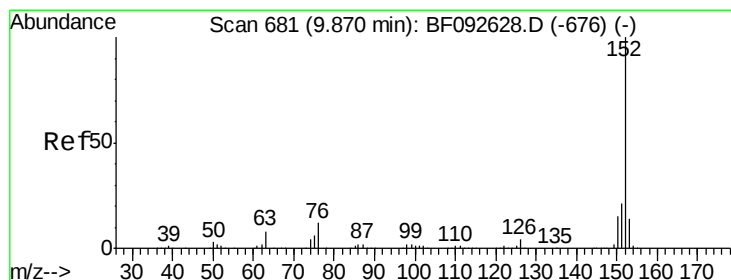
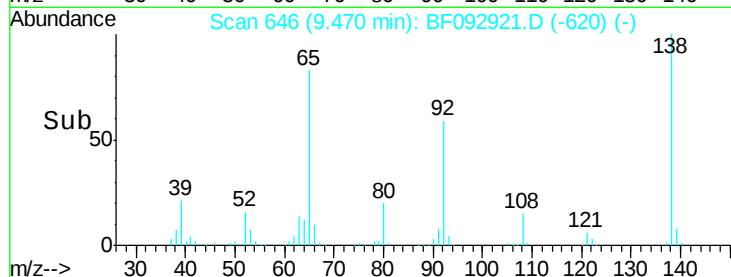
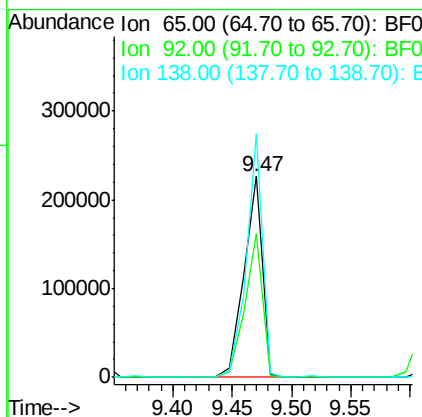
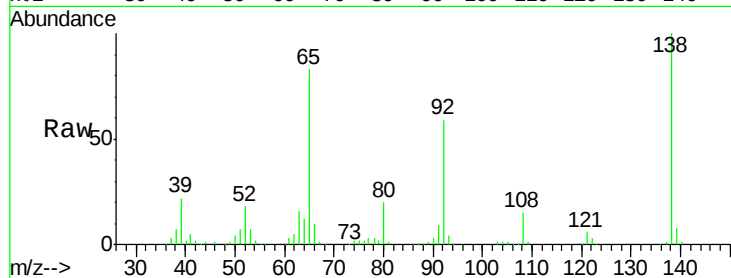
#47
2-Nitroaniline
Concen: 40.41 ng
RT: 9.47 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB96883BSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	53.9	80.9
138	121.1	76.8	115.2

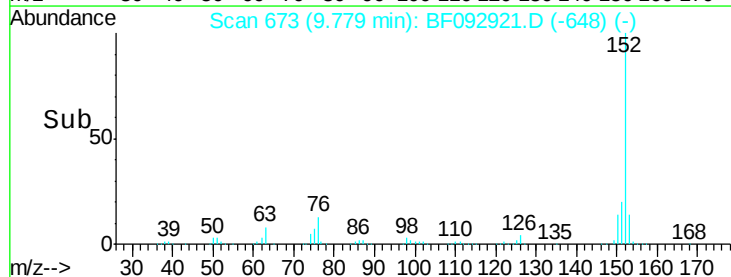
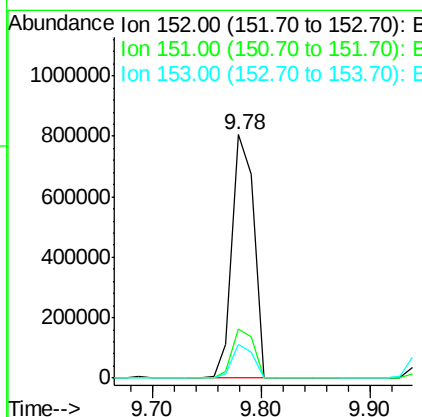
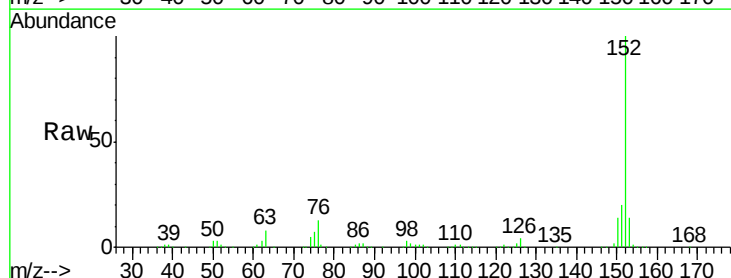
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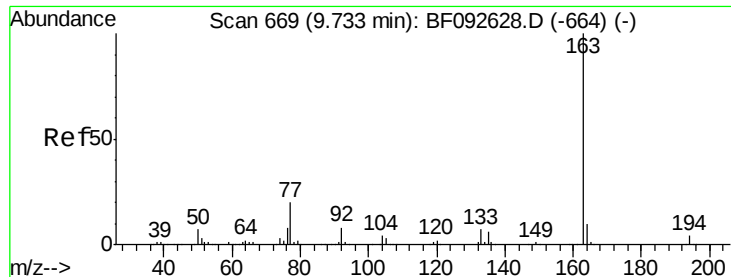
mohammad
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#48
Acenaphthylene
Concen: 35.59 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.9	25.3
153	13.7	11.4	17.2





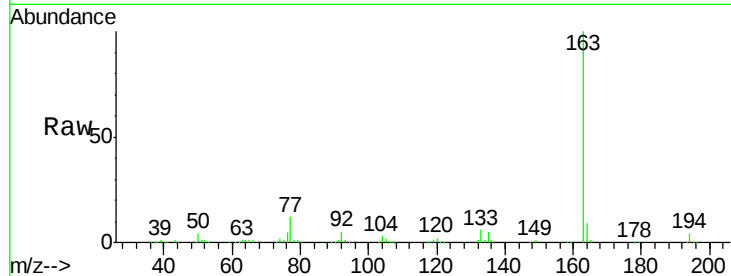
#49
Dimethylphthalate
Concen: 38.36 ng
RT: 9.65 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB96883BSD

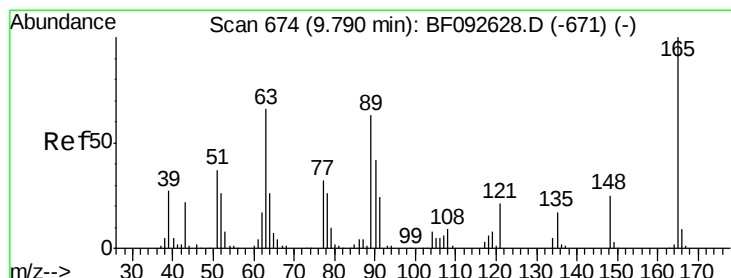
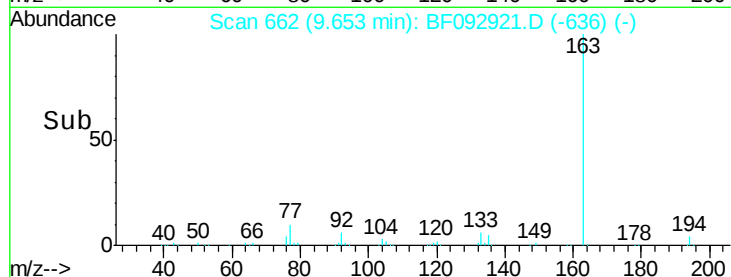
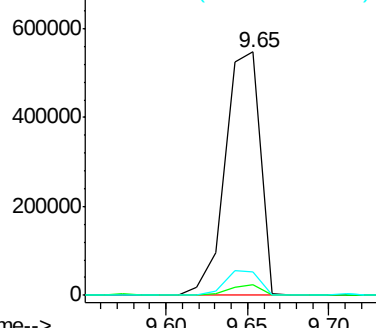
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.1	3.0	4.4
164	9.4	8.0	12.0

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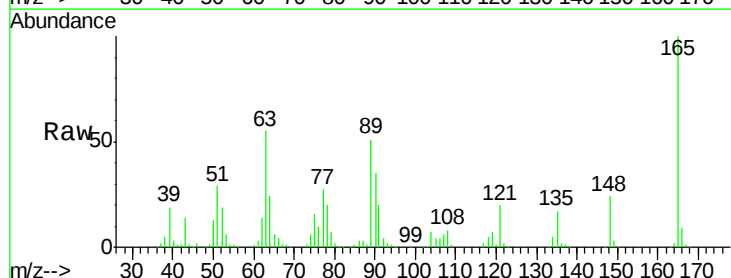


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

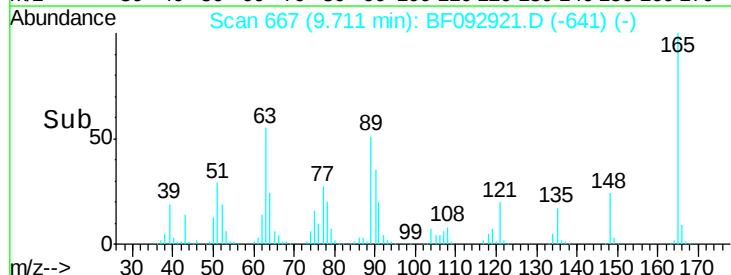
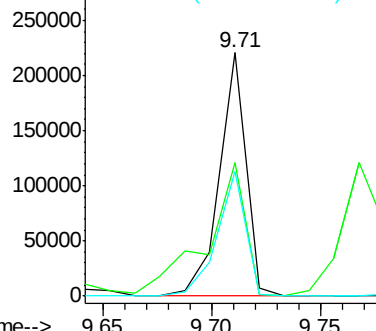


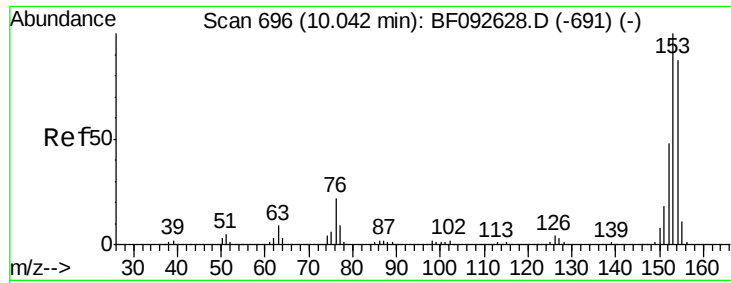
#50
2,6-Dinitrotoluene
Concen: 40.77 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	54.8	36.2	54.4#
89	51.4	40.2	60.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





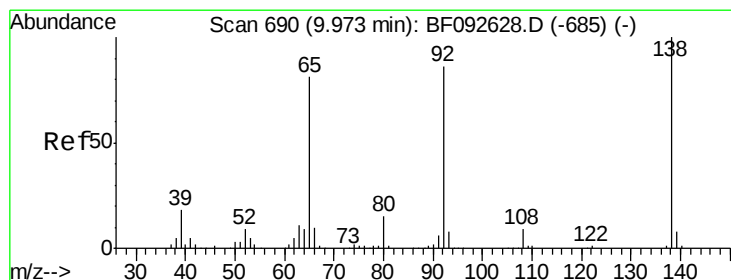
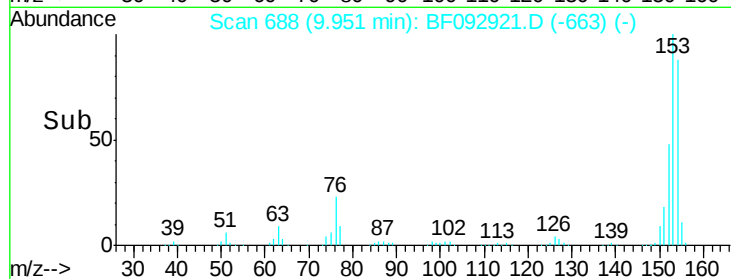
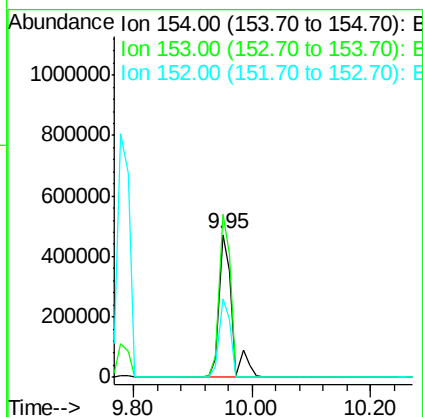
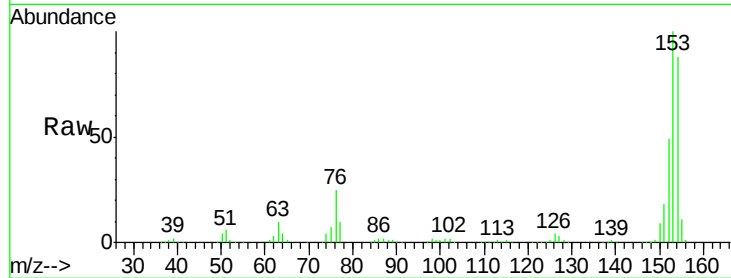
#51
Acenaphthene
Concen: 38.69 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB96883BSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.0	88.6	133.0
152	55.3	41.6	62.4

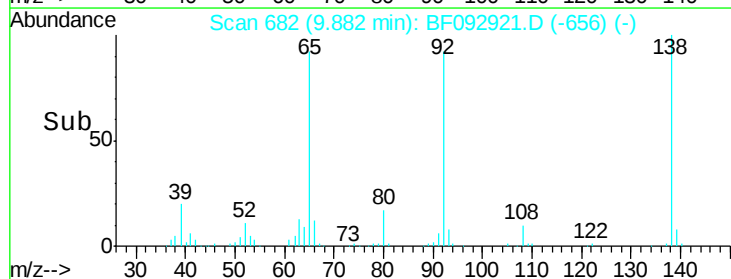
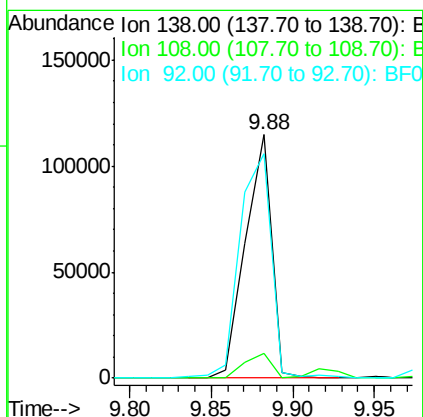
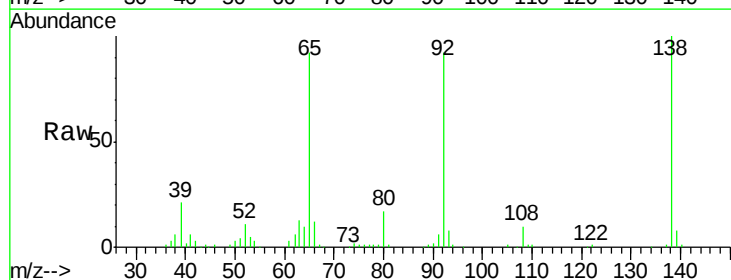
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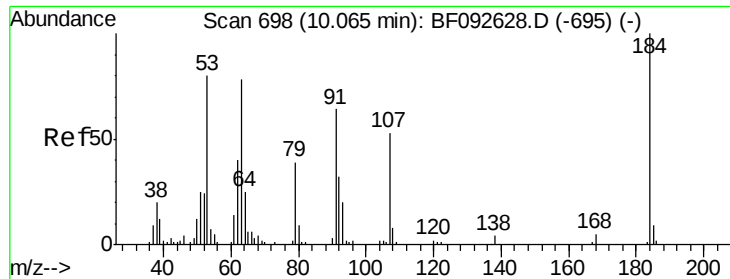
mohammad
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#52
3-Nitroaniline
Concen: 24.25 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.5	12.7
92	92.3	97.8	146.8#





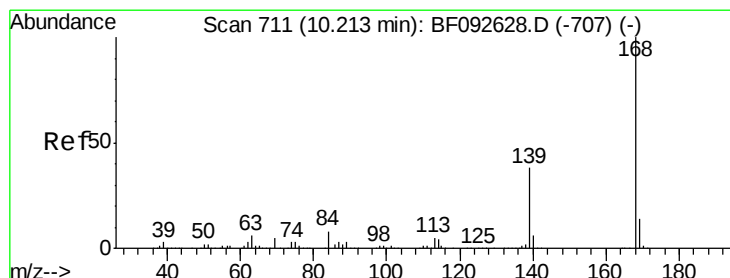
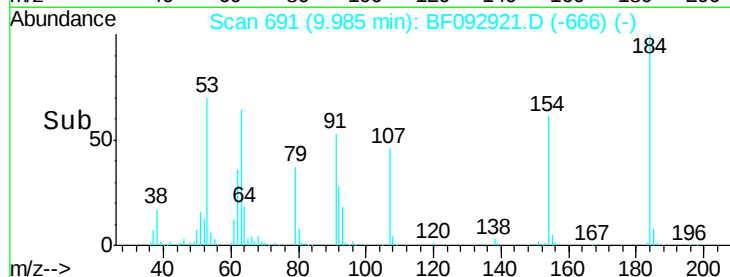
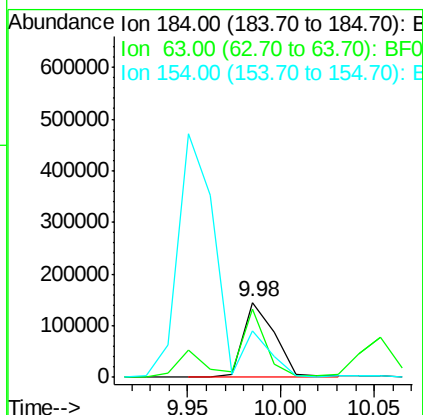
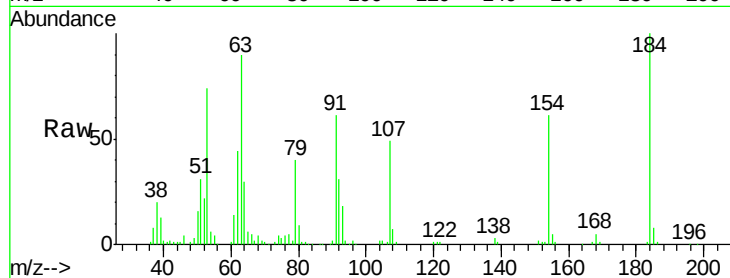
#53
2,4-Dinitrophenol
Concen: 74.22 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB96883BSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	172916		
63	90.0	28.4	42.6#	
154	61.2	44.3	66.5	

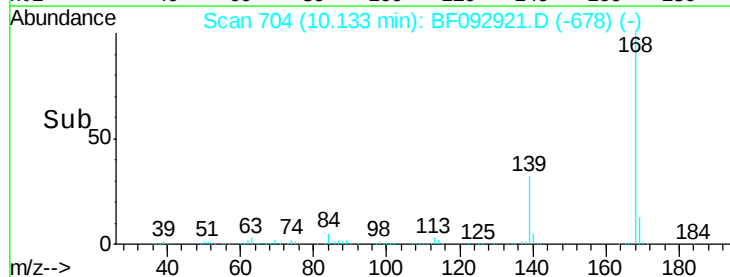
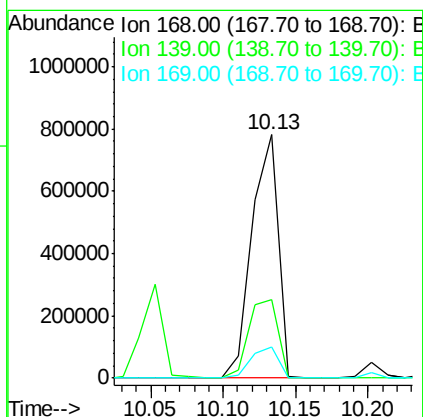
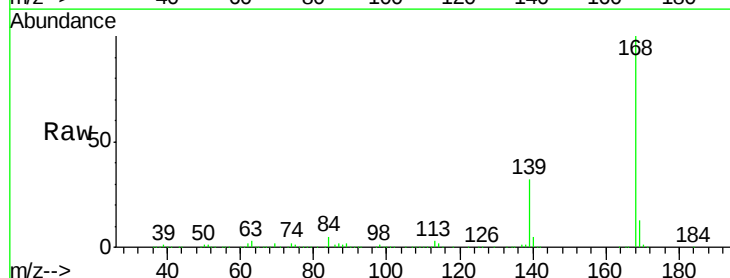
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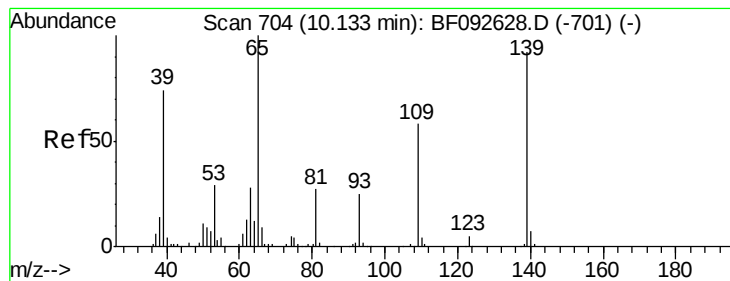
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#54
Dibenzofuran
Concen: 39.72 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	983442		
139	32.3	32.6	49.0#	
169	12.9	11.3	16.9	





#55

4-Nitrophenol

Concen: 82.12 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF092921.D

Acq: 13 Feb 2017 16:40

Instrument :

BNA_F

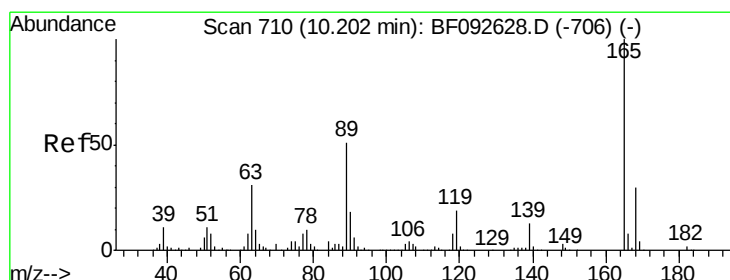
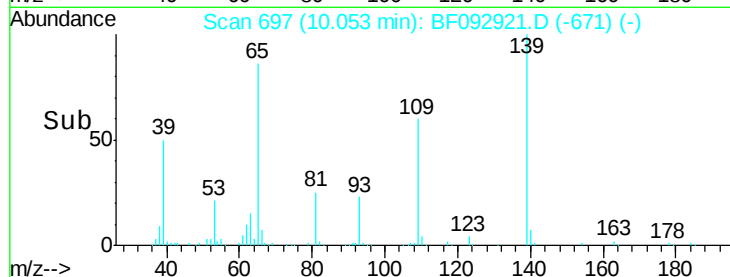
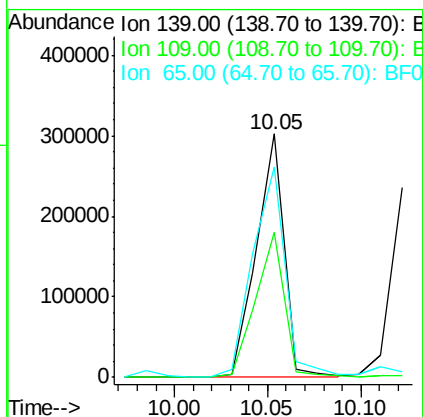
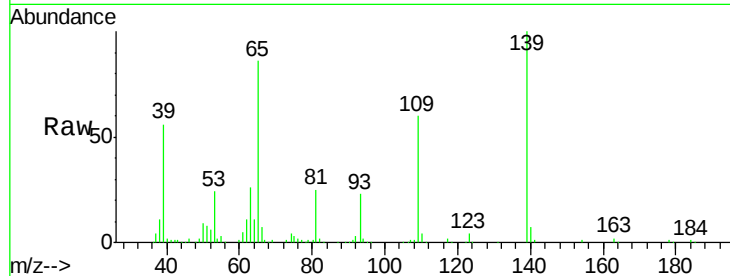
ClientSampleId :

PB96883BSD

Tgt Ion:	139	Resp:	311515
Ion Ratio	Lower	Upper	
139	100		
109	59.6	52.2	92.2
65	86.4	85.8	125.8

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#56

2,4-Dinitrotoluene

Concen: 36.49 ng

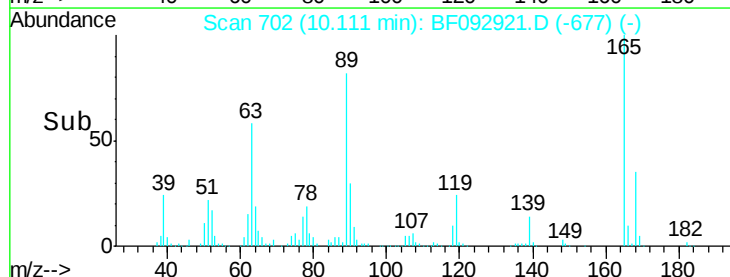
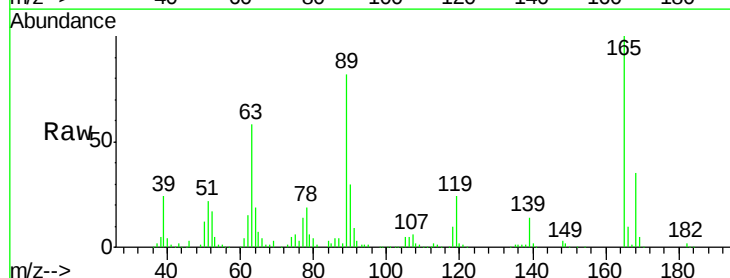
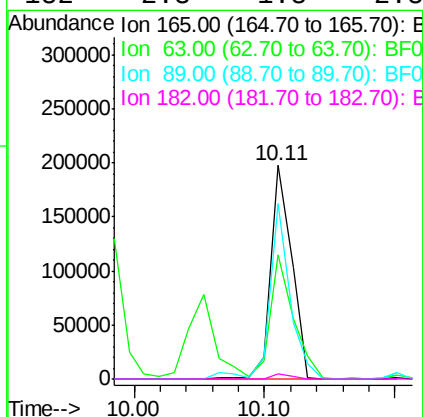
RT: 10.11 min Scan# 702

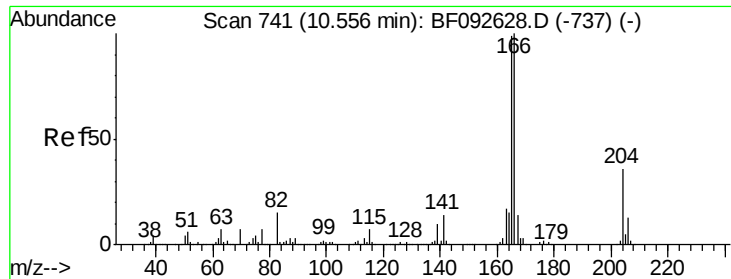
Delta R.T. -0.01 min

Lab File: BF092921.D

Acq: 13 Feb 2017 16:40

Tgt Ion:	165	Resp:	223598
Ion Ratio	Lower	Upper	
165	100		
63	58.2	40.2	60.4
89	81.9	62.5	93.7
182	2.3	1.8	2.8





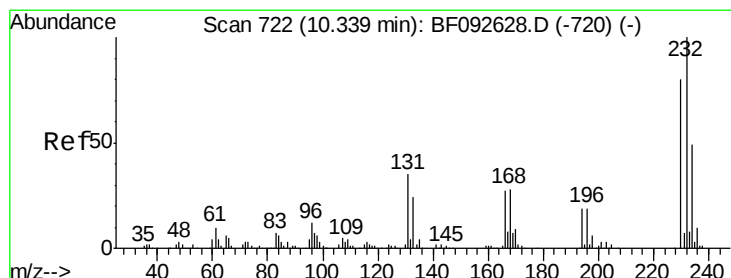
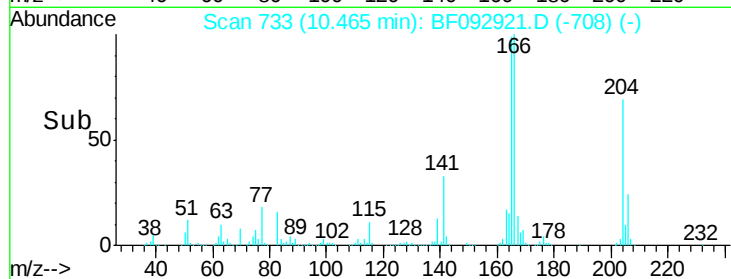
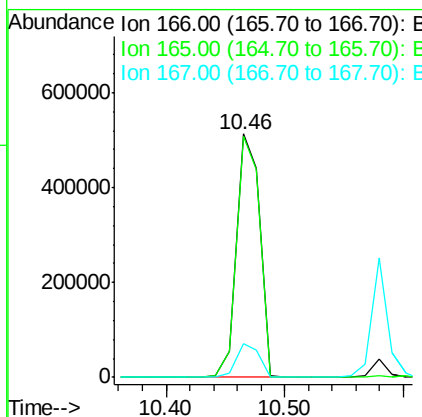
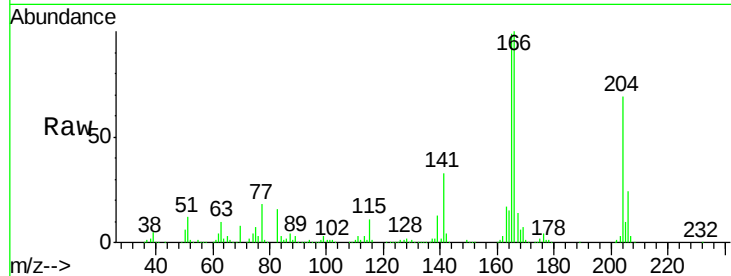
#57
Fluorene
 Concen: 36.63 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF092921.D
 Acq: 13 Feb 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB96883BSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	697736		
165	98.9		77.8	116.8
167	14.1		10.8	16.2

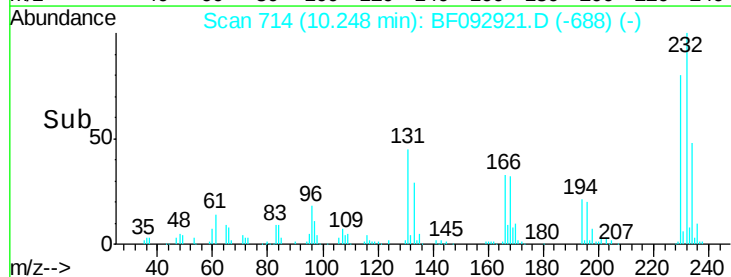
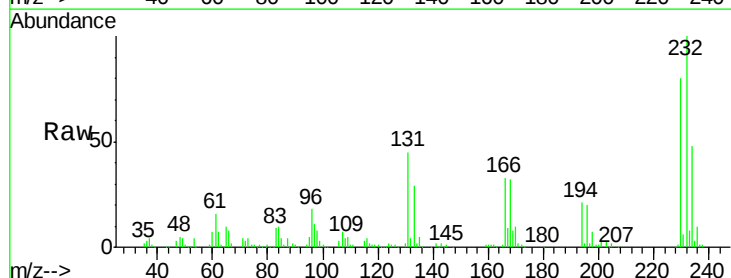
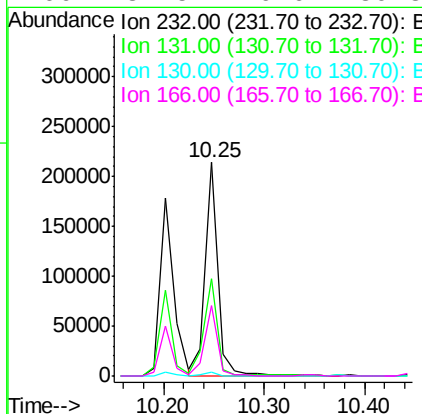
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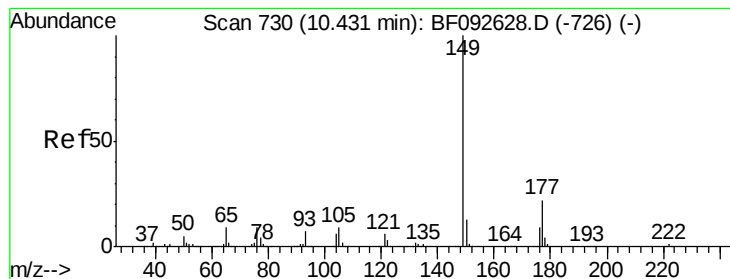
mohammad
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 44.10 ng
 RT: 10.25 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF092921.D
 Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	188103		
131	46.6		40.1	60.1
130	2.1		1.8	2.8
166	32.5		26.6	39.8





#59

Diethylphthalate

Concen: 37.51 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF092921.D

Acq: 13 Feb 2017 16:40

Instrument :

BNA_F

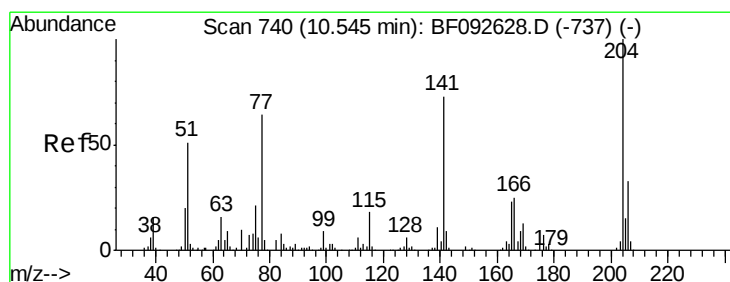
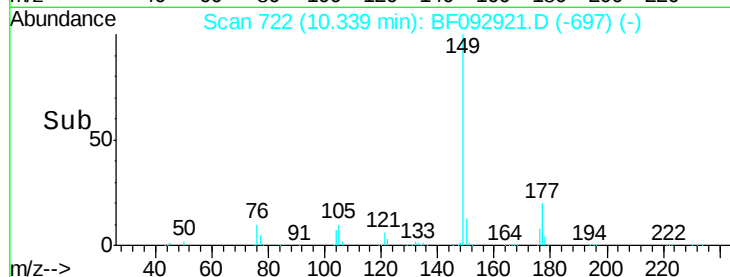
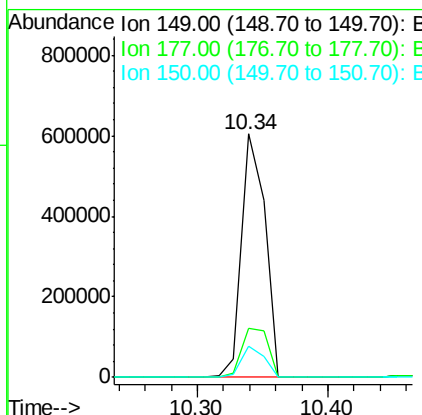
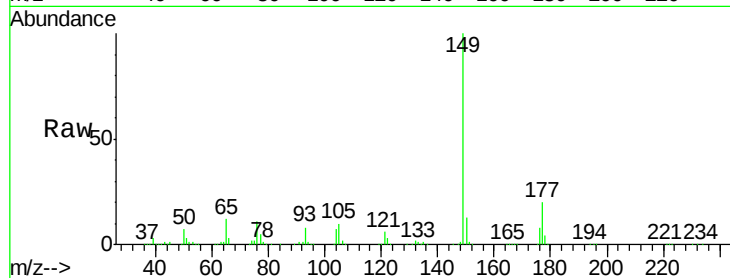
ClientSampleId :

PB96883BSD

Tgt Ion:	149	Resp:	753360
Ion Ratio	Lower	Upper	
149	100		
177	20.4	16.6	25.0
150	12.9	10.4	15.6

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#60

4-Chlorophenyl-phenylether

Concen: 38.52 ng

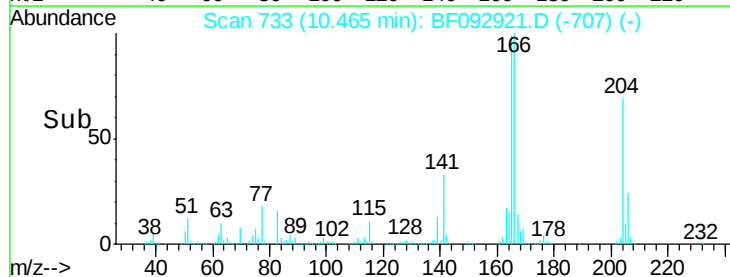
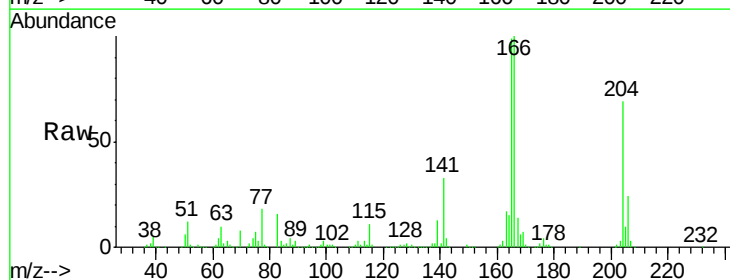
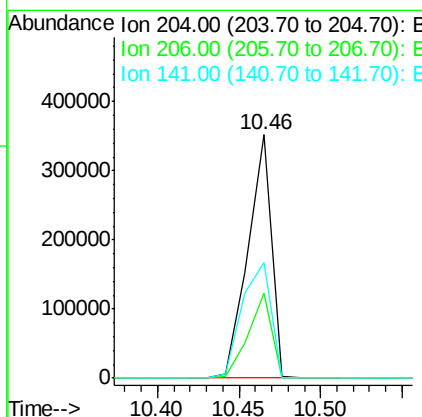
RT: 10.46 min Scan# 733

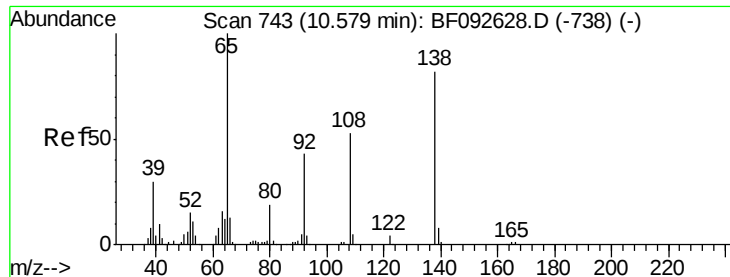
Delta R.T. 0.00 min

Lab File: BF092921.D

Acq: 13 Feb 2017 16:40

Tgt Ion:	204	Resp:	352449
Ion Ratio	Lower	Upper	
204	100		
206	34.9	25.8	38.6
141	47.7	59.4	89.0#





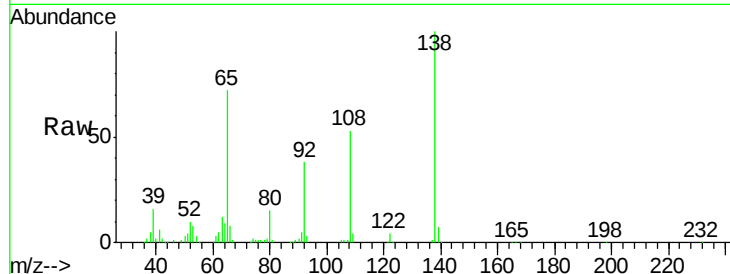
#61
4-Nitroaniline
Concen: 37.69 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB96883BSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	203305		
92	37.8	31.7	71.7	
108	52.6	52.6	92.6	

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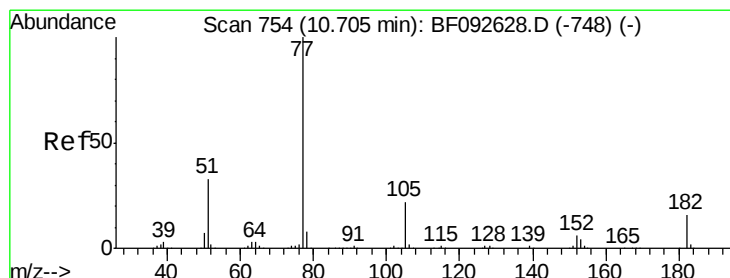
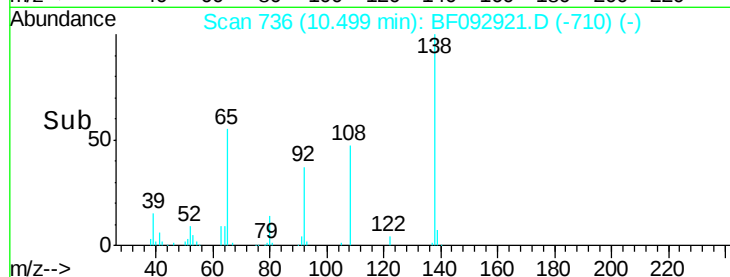
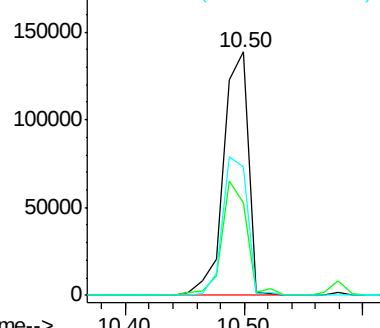
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 43.03 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

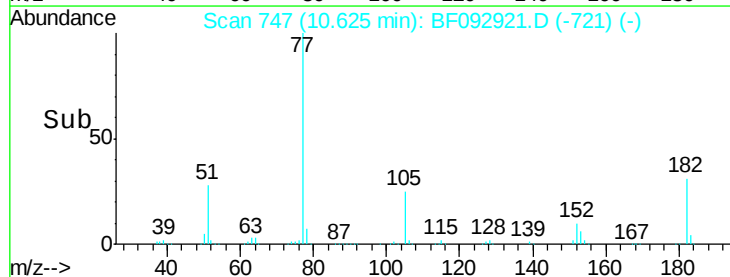
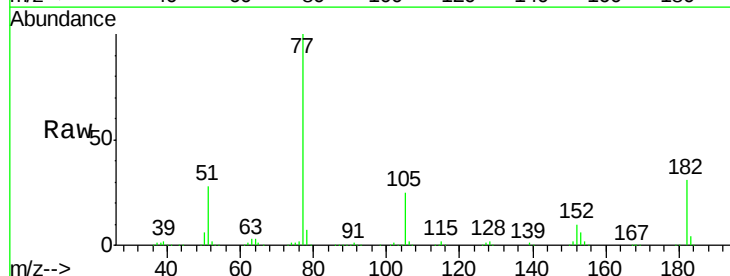
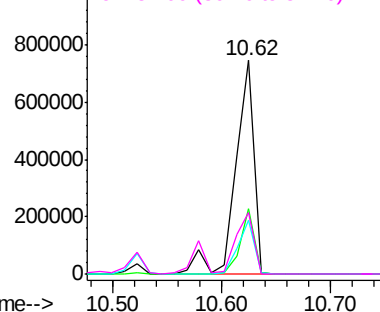
Tgt Ion	Ratio	Resp	Lower	Upper
77	100	892695		
182	30.6	0.0	39.3	
105	25.2	2.3	42.3	
51	28.5	8.9	48.9	

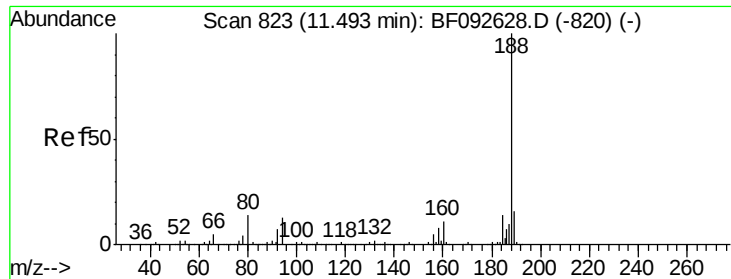
Abundance Ion 77.00 (76.70 to 77.70): BF0

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





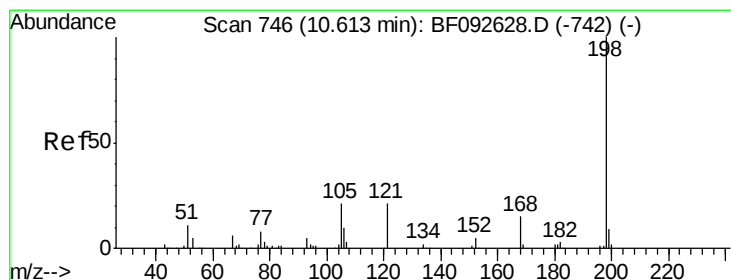
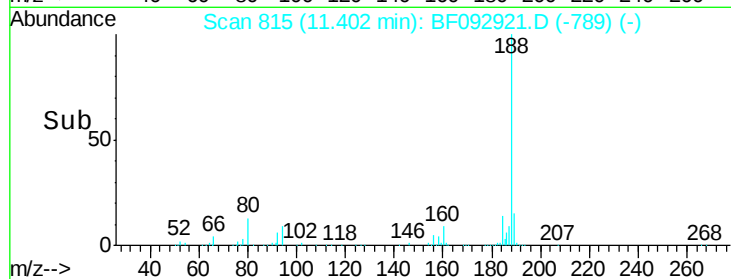
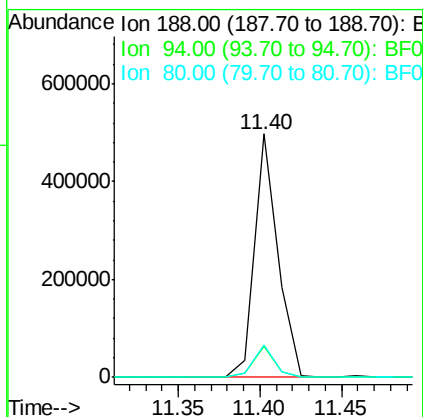
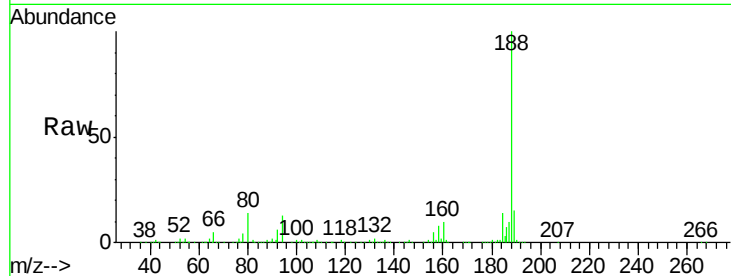
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB96883BSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	495152		
94	12.6	10.0	15.0	
80	13.6	11.2	16.8	

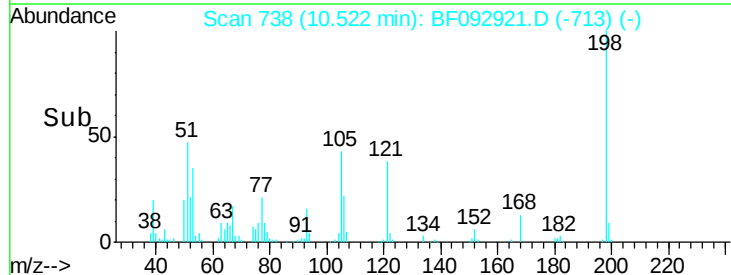
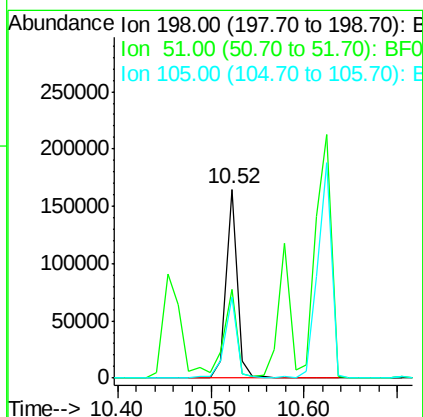
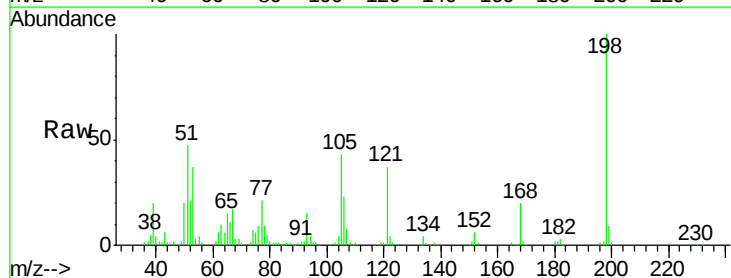
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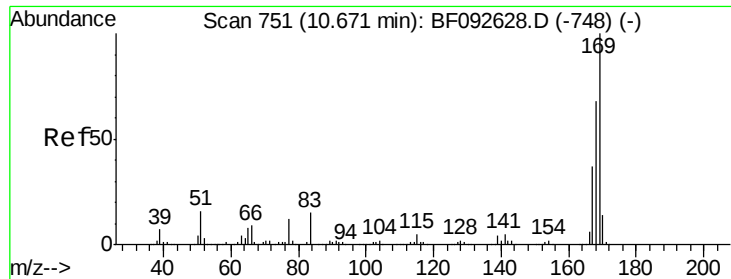
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.71 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	137353		
51	46.9	6.7	46.7#	
105	42.7	16.6	56.6	





#65

n-Nitrosodiphenylamine

Concen: 38.61 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF092921.D

Acq: 13 Feb 2017 16:40

Instrument :

BNA_F

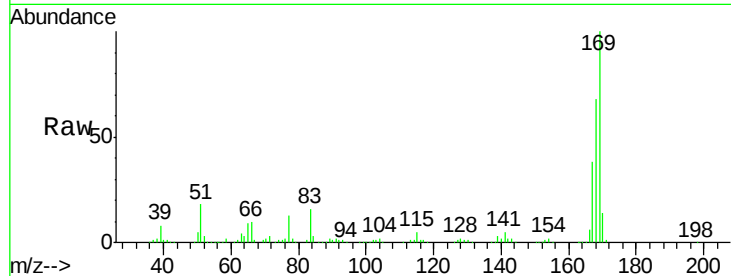
ClientSampleId :

PB96883BSD

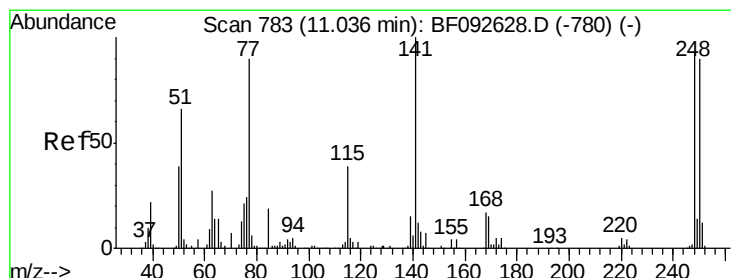
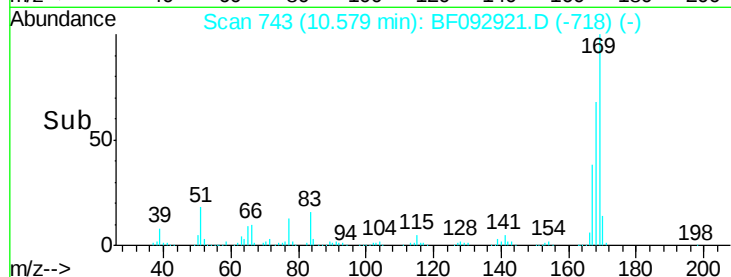
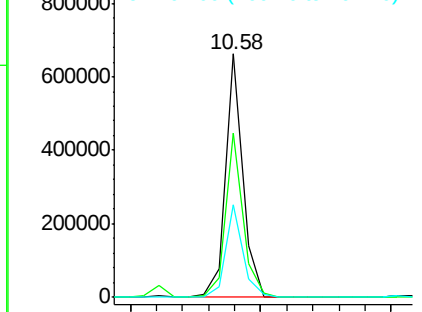
Tgt Ion:	169	Resp:	610757
Ion Ratio	Lower	Upper	
169	100		
168	67.7	54.2	81.2
167	38.0	30.2	45.4

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



#66

4-Bromophenyl-phenylether

Concen: 39.15 ng

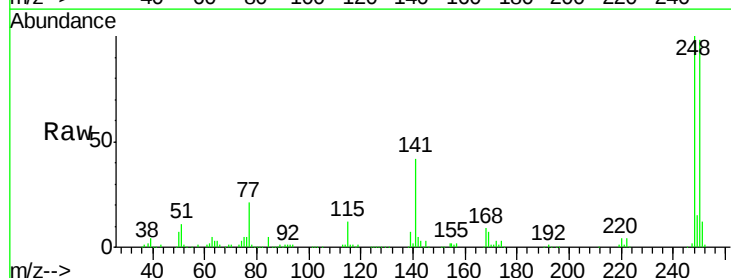
RT: 10.96 min Scan# 776

Delta R.T. 0.00 min

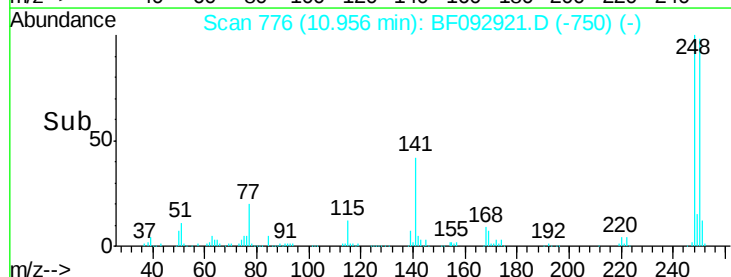
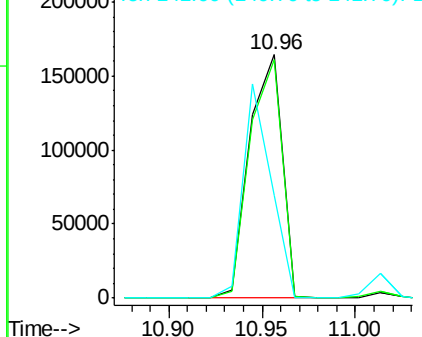
Lab File: BF092921.D

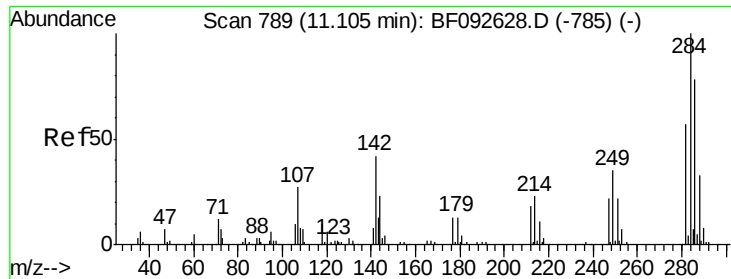
Acq: 13 Feb 2017 16:40

Tgt Ion:	248	Resp:	202518
Ion Ratio	Lower	Upper	
248	100		
250	98.1	76.9	115.3
141	42.5	68.2	102.4#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





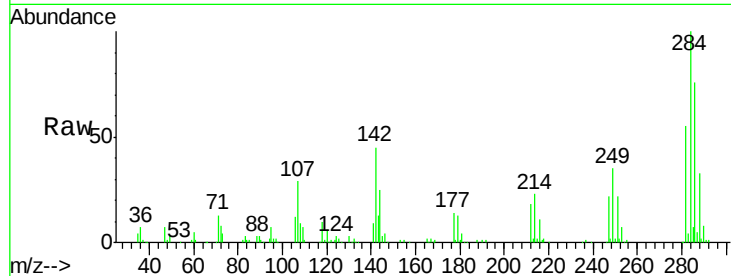
#67
Hexachlorobenzene
Concen: 37.92 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB96883BSD

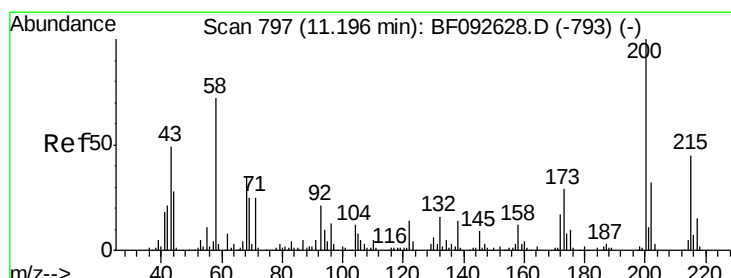
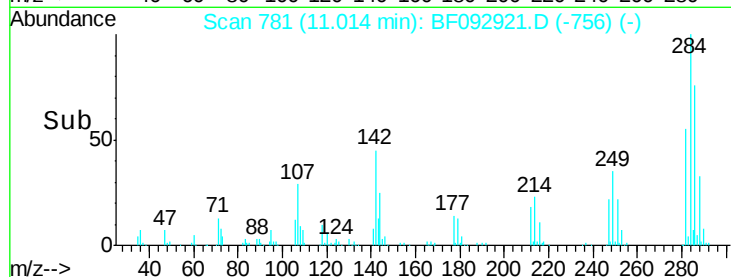
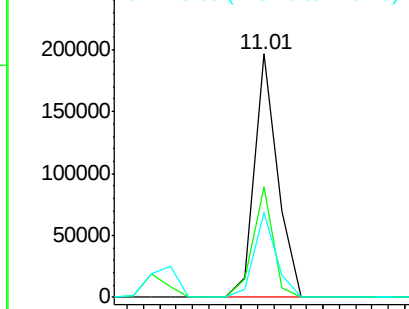
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	193863		
142	45.3	22.6	33.8#	
249	34.7	25.4	38.0	

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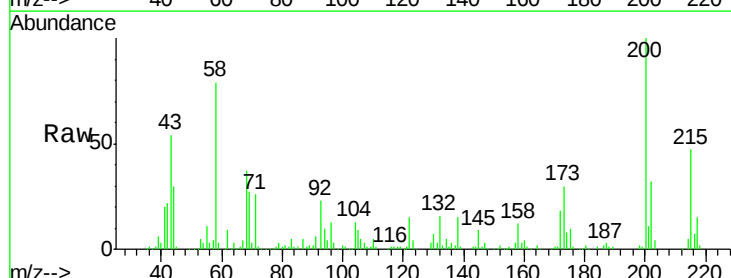


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

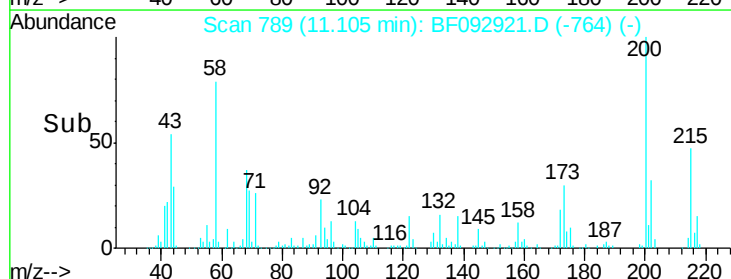
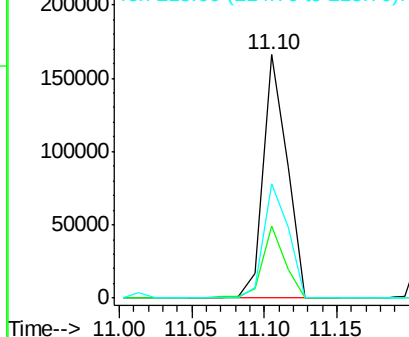


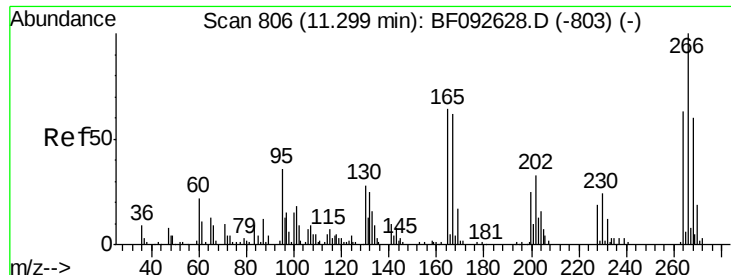
#68
Atrazine
Concen: 37.16 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	188642		
173	29.6	9.6	49.6	
215	46.9	25.7	65.7	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





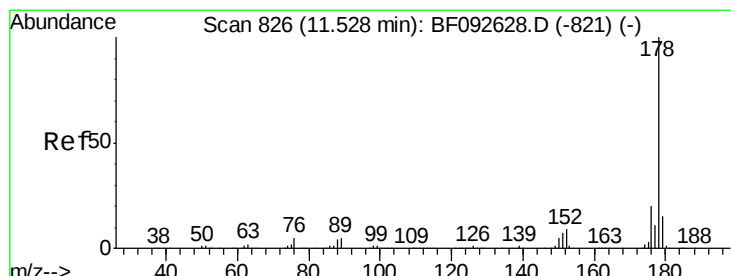
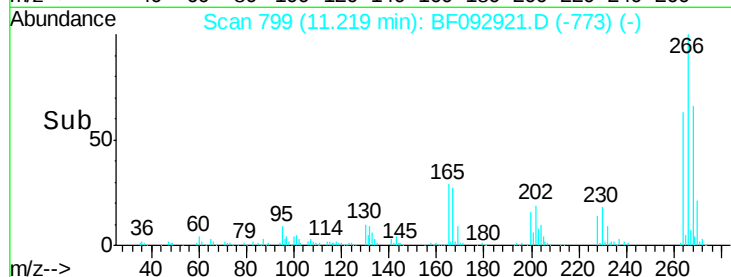
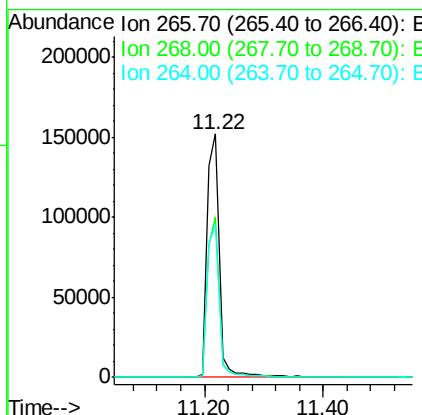
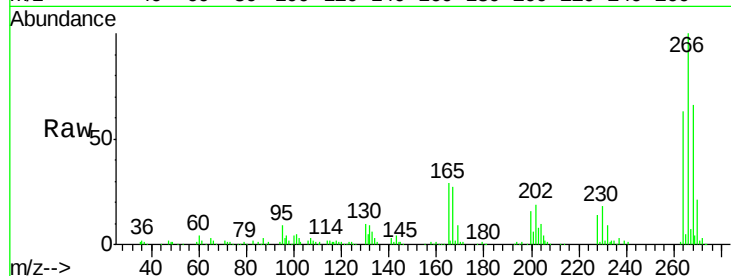
#69
 Pentachlorophenol
 Concen: 82.93 ng
 RT: 11.22 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF092921.D
 Acq: 13 Feb 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB96883BSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	219617		
268	65.7	53.3	79.9	
264	62.7	50.3	75.5	

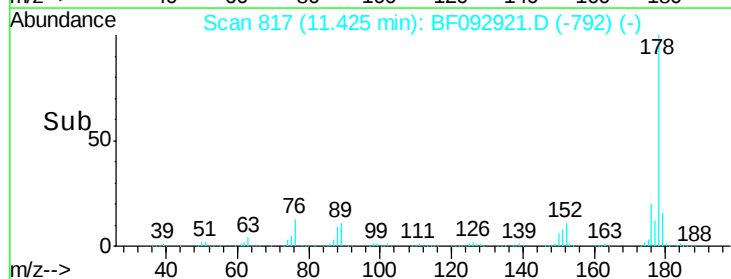
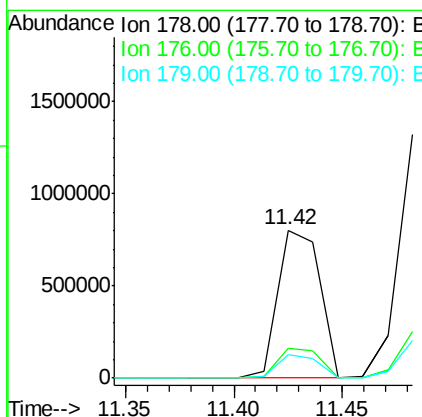
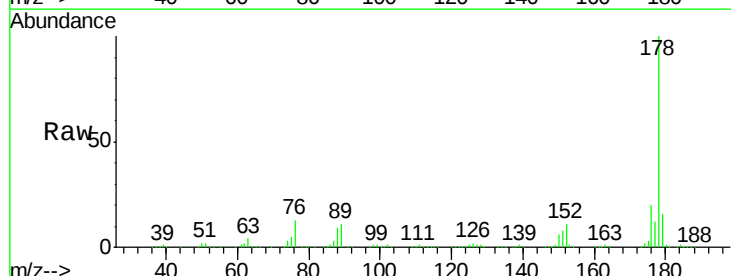
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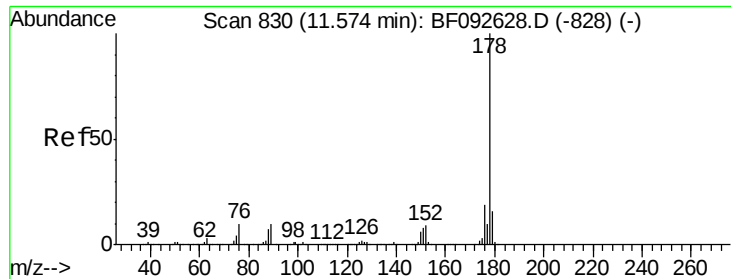
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#70
 Phenanthrene
 Concen: 38.29 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF092921.D
 Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1086141		
176	19.9	16.6	25.0	
179	16.1	12.8	19.2	





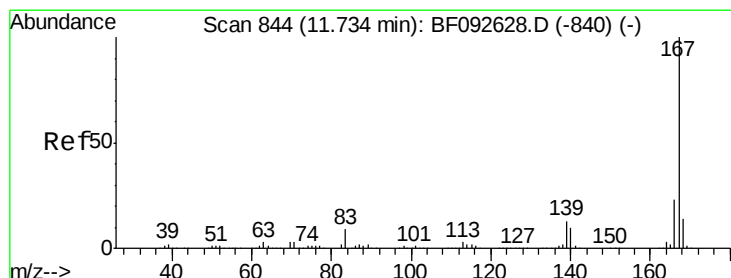
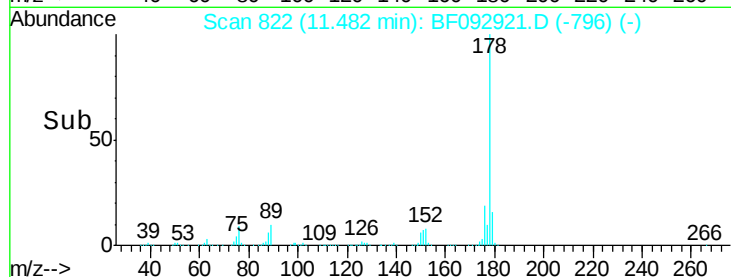
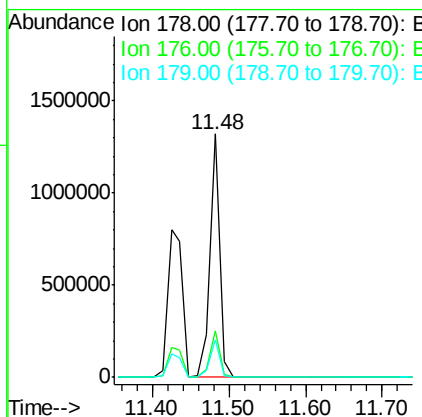
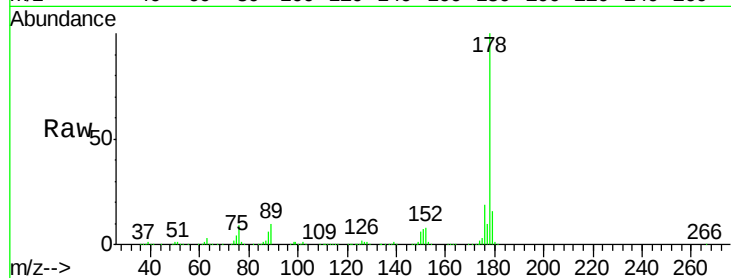
#71
 Anthracene
 Concen: 39.94 ng
 RT: 11.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF092921.D
 Acq: 13 Feb 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB96883BSD

Tgt Ion:178 Resp: 1137870
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.9 23.9
 179 15.7 13.2 19.8

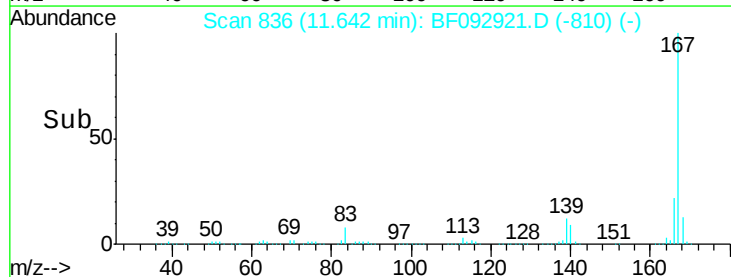
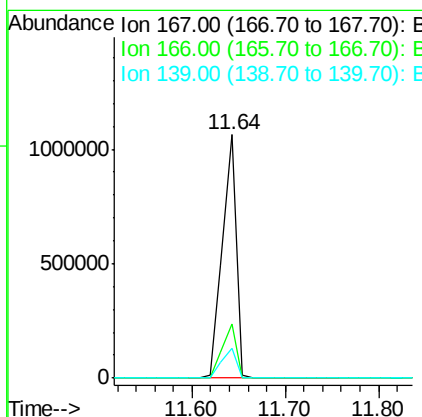
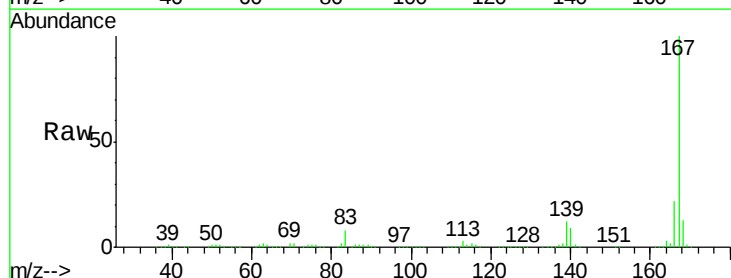
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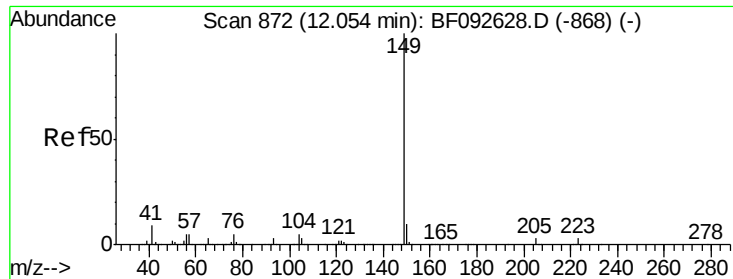
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#72
 Carbazole
 Concen: 40.19 ng
 RT: 11.64 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF092921.D
 Acq: 13 Feb 2017 16:40

Tgt Ion:167 Resp: 1094358
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.2
 139 12.2 11.4 17.2





#73

Di-n-butylphthalate

Concen: 38.63 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF092921.D

Acq: 13 Feb 2017 16:40

Instrument :

BNA_F

ClientSampleId :

PB96883BSD

Tgt Ion:149 Resp: 1137643

Ion Ratio Lower Upper

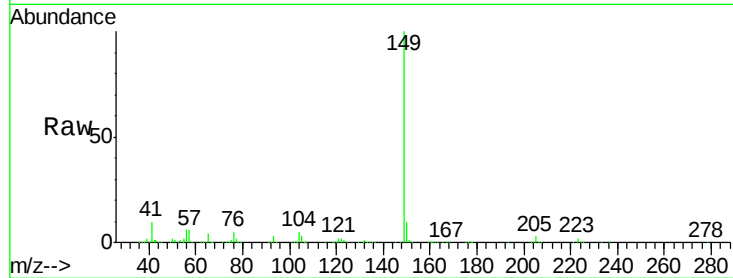
149 100

150 9.6 8.1 12.1

104 5.1 4.6 7.0

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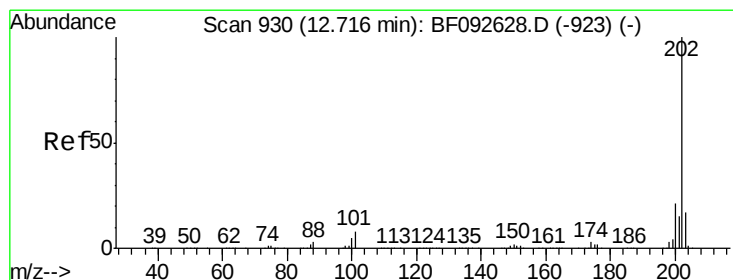
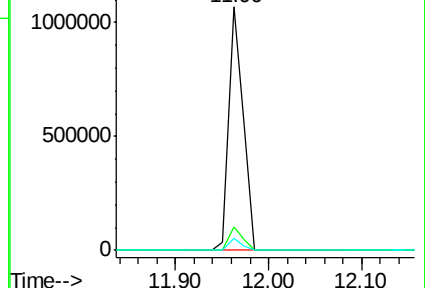
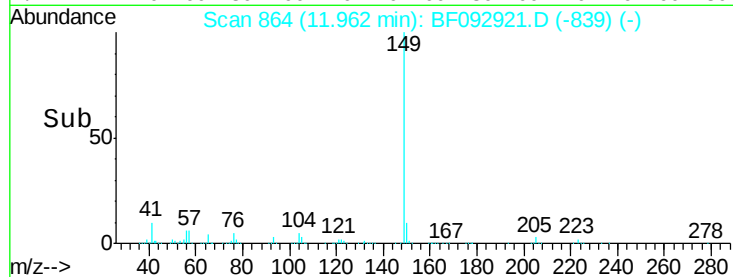
mohammad
2/14/2017 11:30:09 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.99 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF092921.D

Acq: 13 Feb 2017 16:40

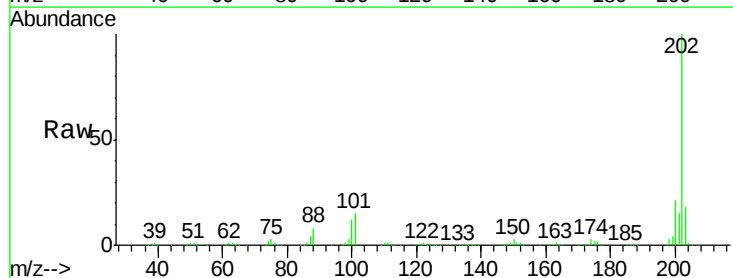
Tgt Ion:202 Resp: 1053131

Ion Ratio Lower Upper

202 100

101 15.2 0.0 34.6

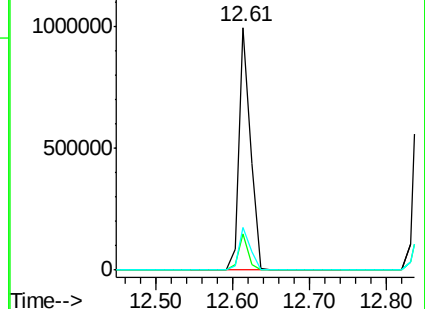
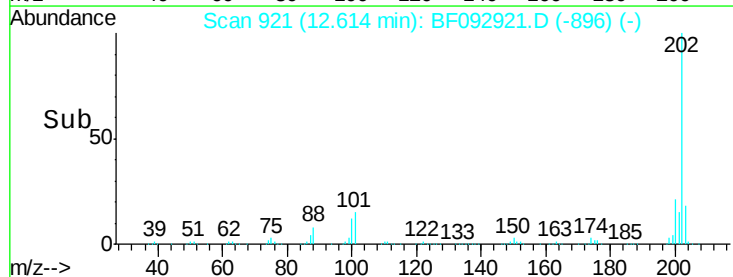
203 17.7 0.0 38.7

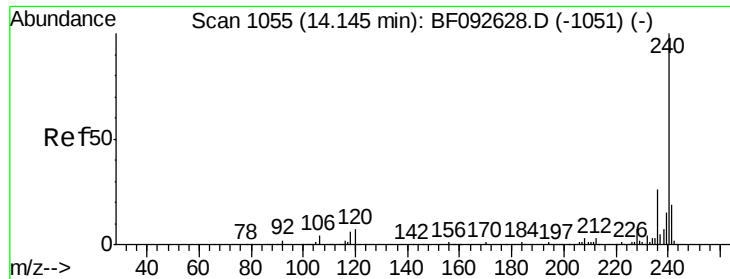


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





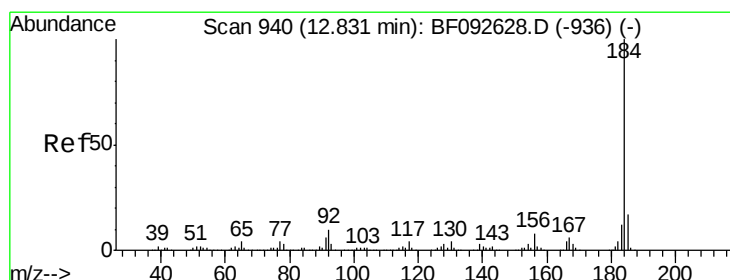
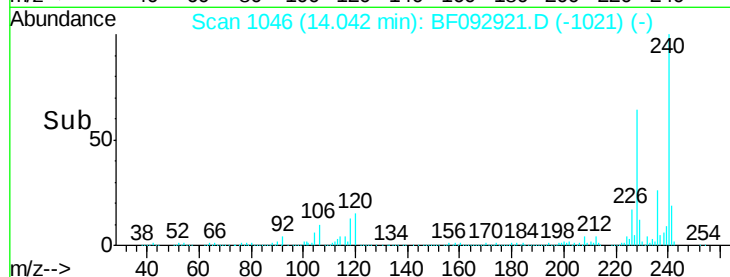
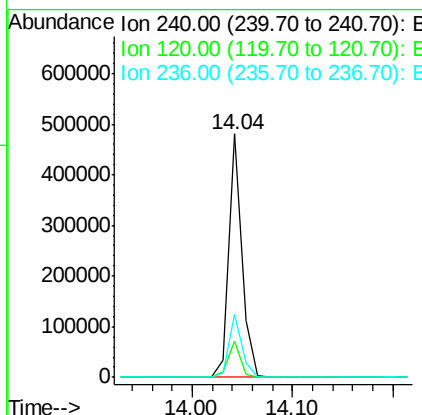
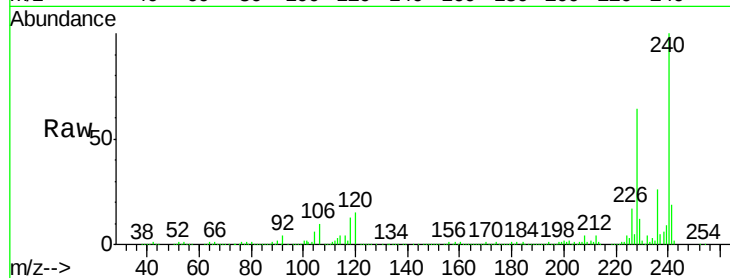
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB96883BSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	435500		
120	15.0	12.9	19.3	
236	25.9	20.9	31.3	

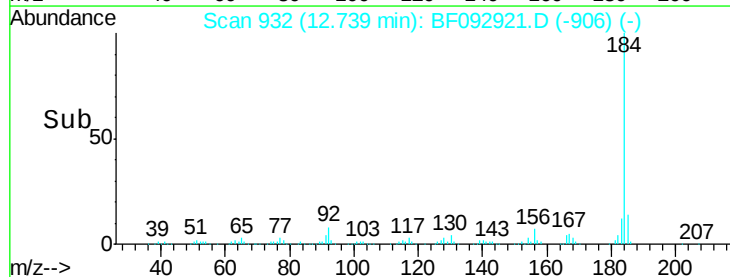
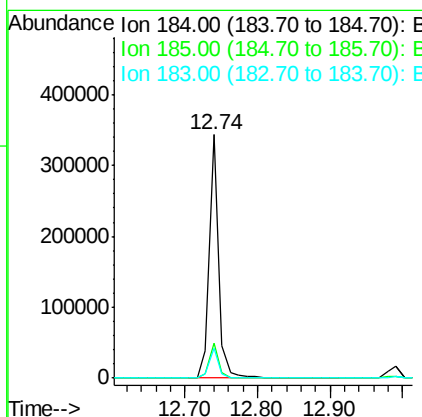
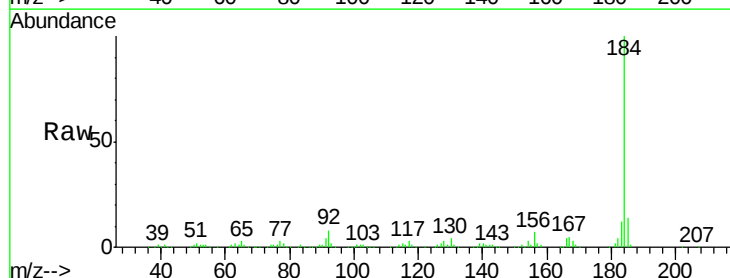
Manual Integrations
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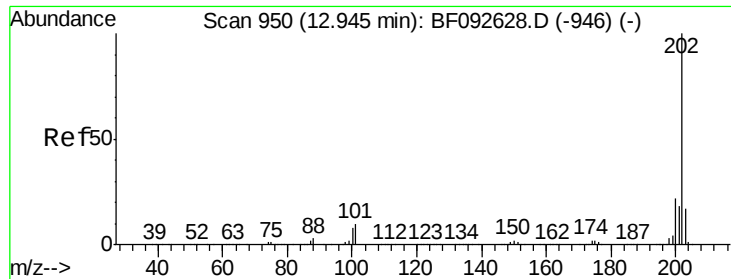
mohammad
2/14/2017 11:30:09 AM



#76
Benzidine
Concen: 16.75 ng
RT: 12.74 min Scan# 932
Delta R.T. 0.00 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	310913		
185	14.4	13.4	20.0	
183	12.0	9.2	13.8	





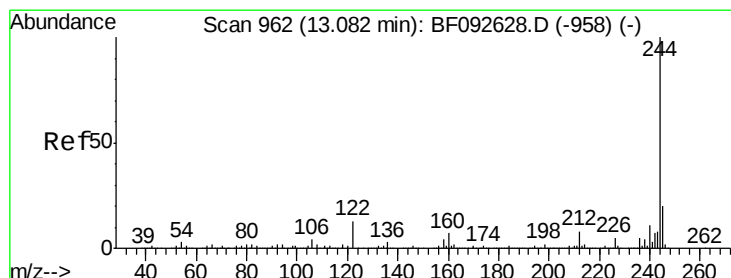
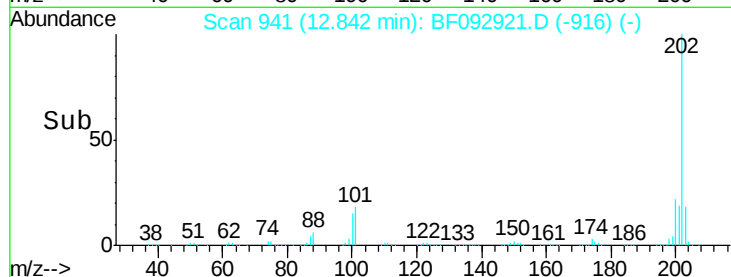
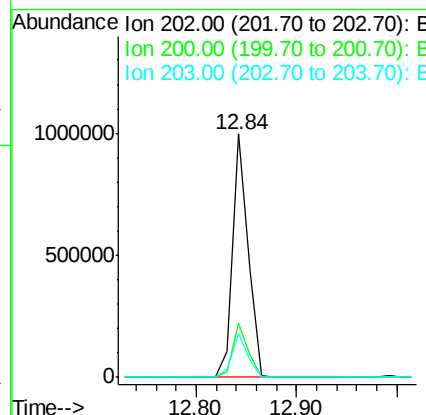
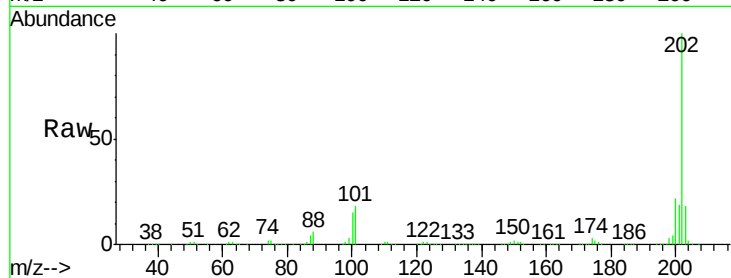
#77
 Pyrene
 Concen: 32.74 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF092921.D
 Acq: 13 Feb 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB96883BSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	17.9	14.7	22.1

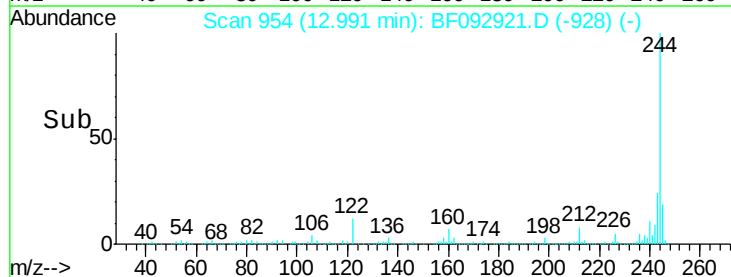
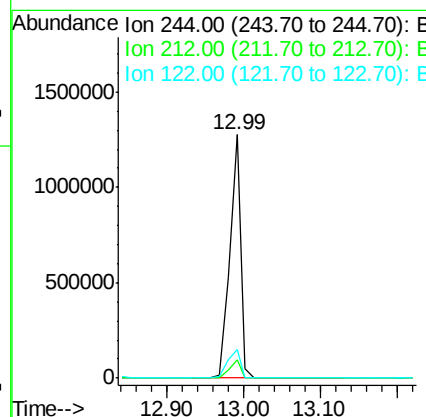
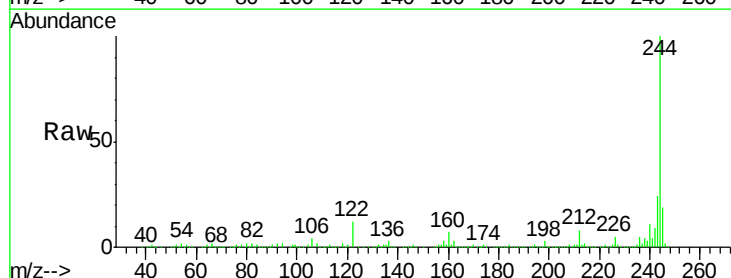
Manual Integrations
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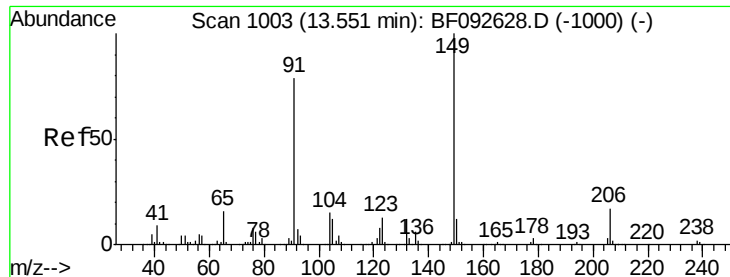
mohammad
 2/14/2017 11:30:09 AM



#78
 Terphenyl-d14
 Concen: 69.56 ng
 RT: 12.99 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF092921.D
 Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	11.9	11.4	17.2





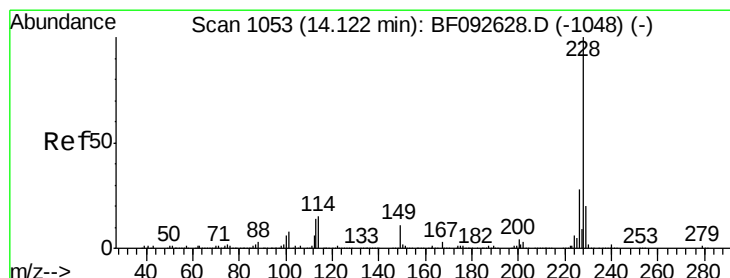
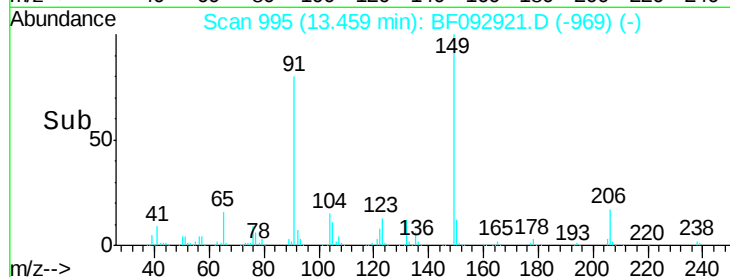
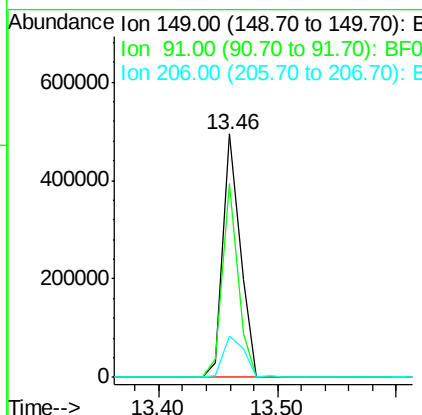
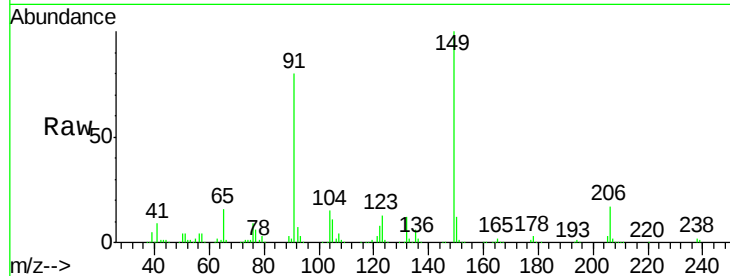
#79
Butylbenzylphthalate
Concen: 37.58 ng
RT: 13.46 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB96883BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	497363		
91	79.6	63.9	95.9	
206	17.1	14.6	21.8	

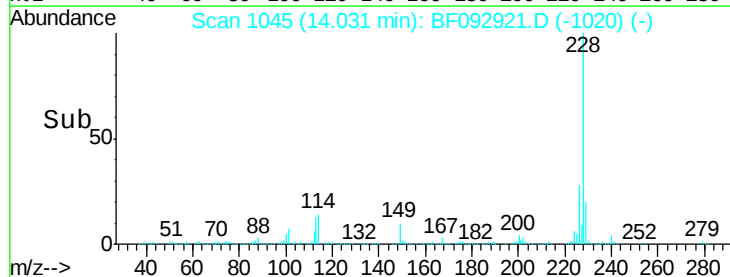
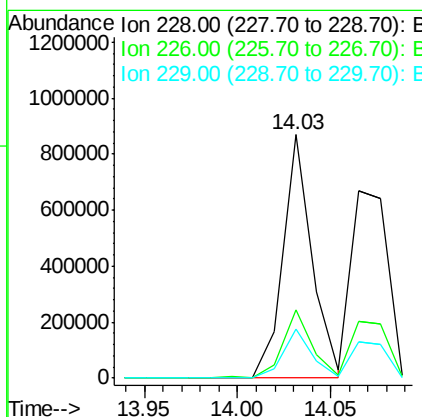
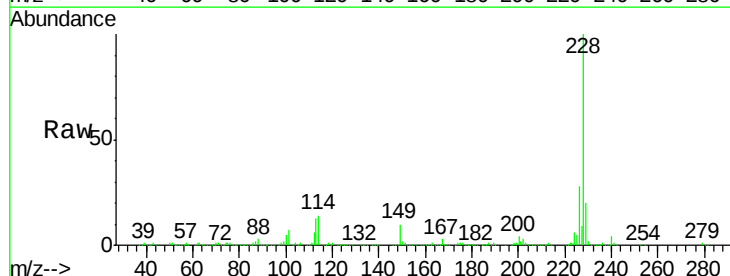
Manual Integrations
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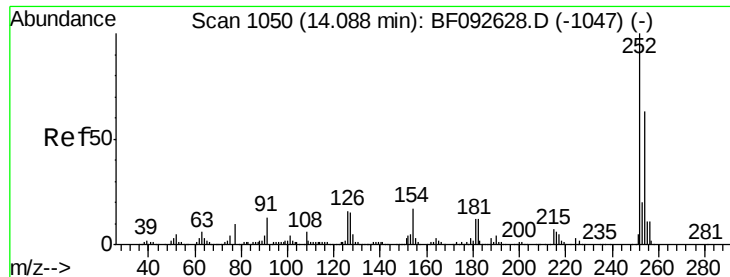
mohammad
2/14/2017 11:30:09 AM



#80
Benzo(a)anthracene
Concen: 35.54 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	946669		
226	28.2	22.4	33.6	
229	20.0	16.2	24.4	





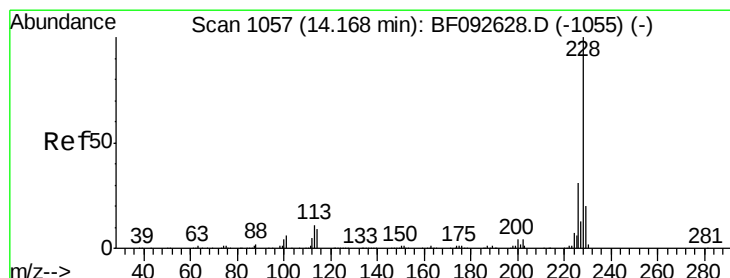
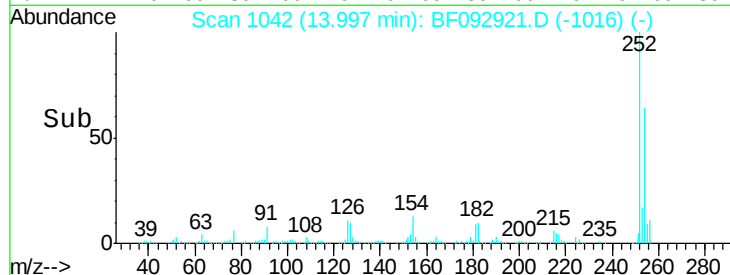
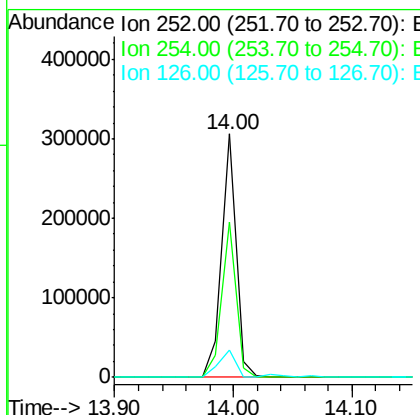
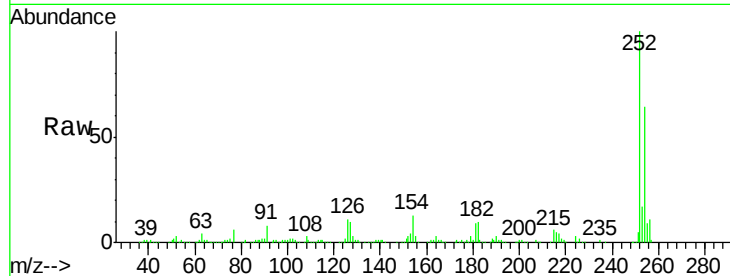
#81
 3,3'-Dichlorobenzidine
 Concen: 27.09 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BF092921.D
 Acq: 13 Feb 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB96883BSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	257245		
254	63.7	52.3	78.5	
126	11.3	13.6	20.4	

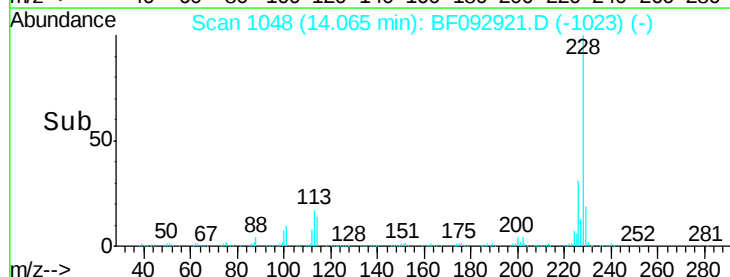
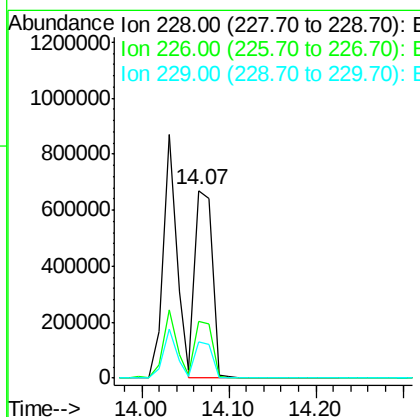
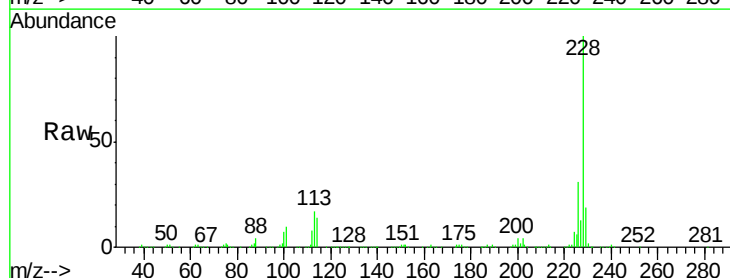
Manual Integrations
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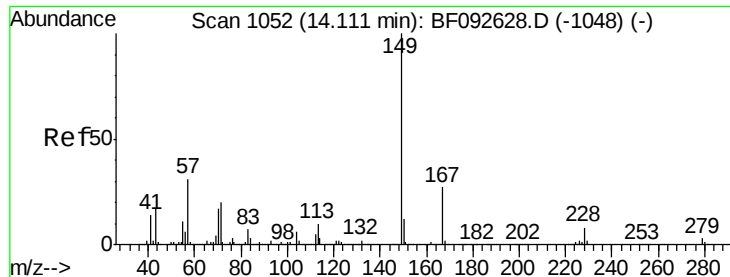
mohammad
 2/14/2017 11:30:09 AM



#82
 Chrysene
 Concen: 36.79 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF092921.D
 Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	917378		
226	30.6	25.4	38.0	
229	19.4	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.60 ng

RT: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF092921.D

Acq: 13 Feb 2017 16:40

Instrument :

BNA_F

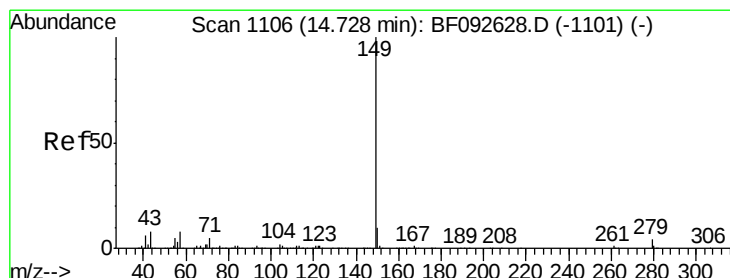
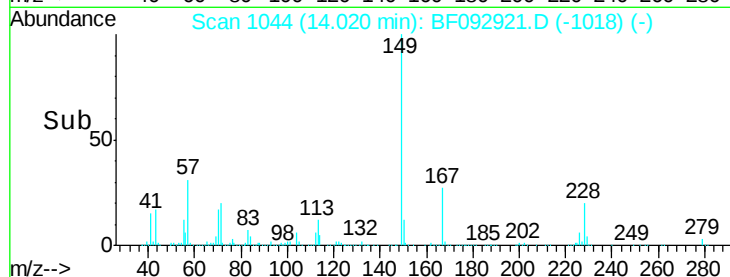
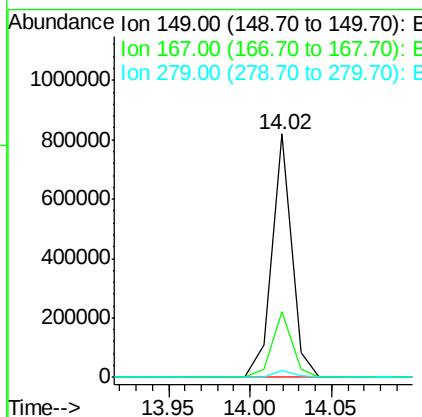
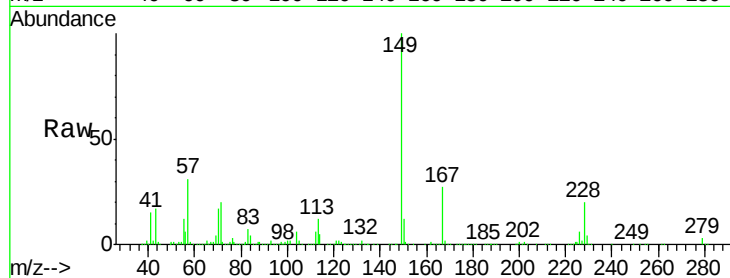
ClientSampleId :

PB96883BSD

Tgt Ion:	149	Resp:	698615
Ion Ratio	Lower	Upper	
149	100		
167	27.0	20.2	30.4
279	2.6	1.8	2.8

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 43.57 ng

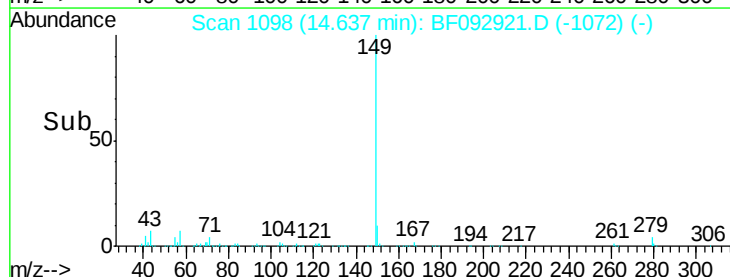
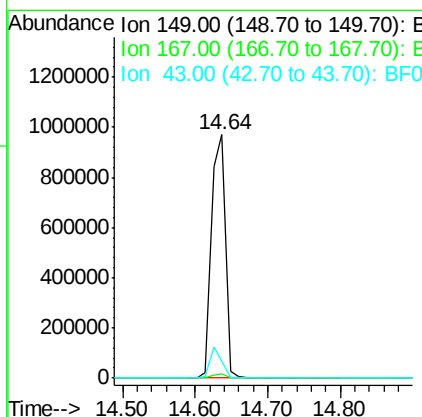
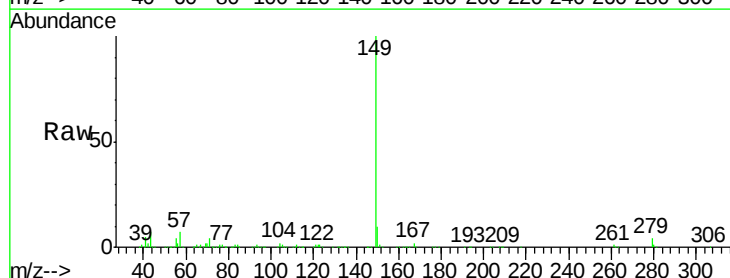
RT: 14.64 min Scan# 1098

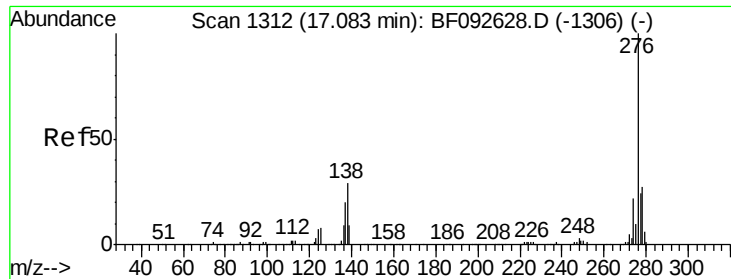
Delta R.T. 0.00 min

Lab File: BF092921.D

Acq: 13 Feb 2017 16:40

Tgt Ion:	149	Resp:	1284193
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	10.7	8.9	13.3





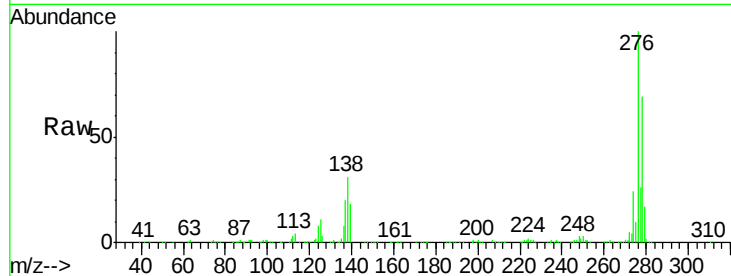
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.70 ng
RT: 16.91 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB96883BSD

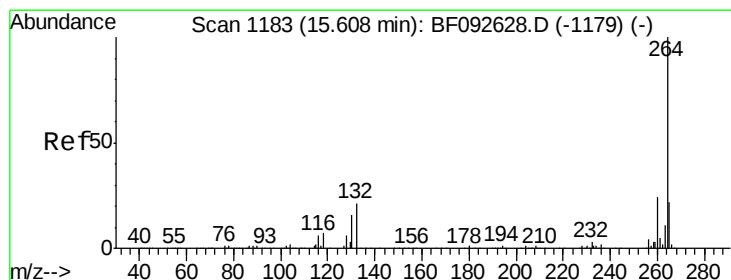
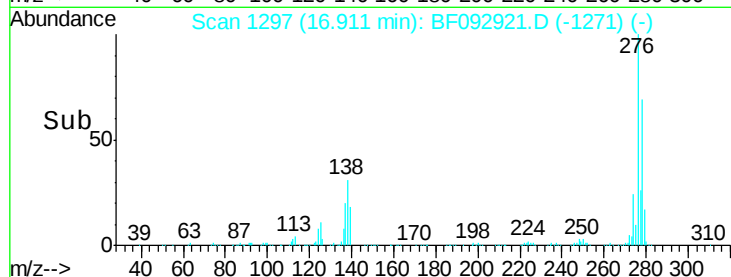
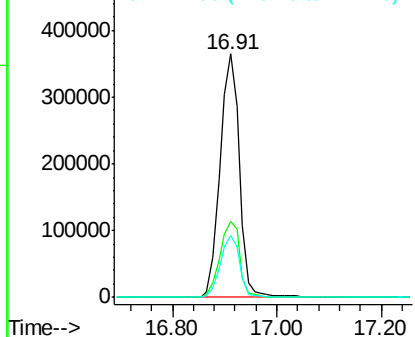
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	940815		
138	32.2	21.8	32.6	
277	25.5	20.2	30.4	

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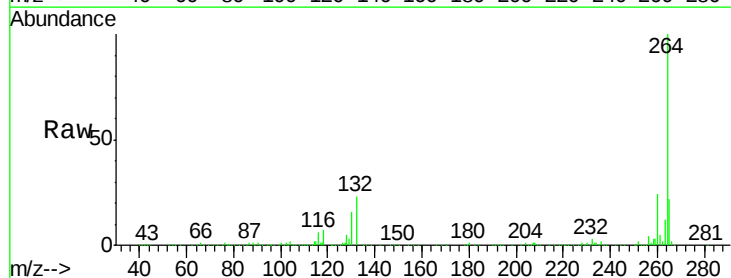


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

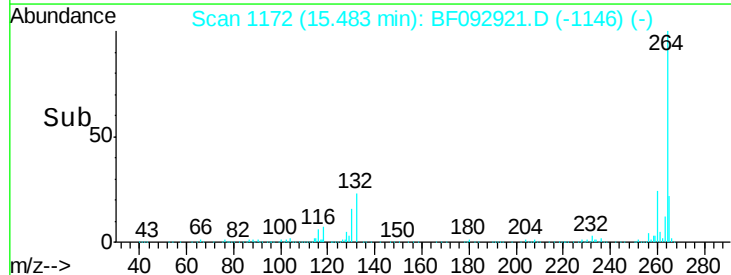
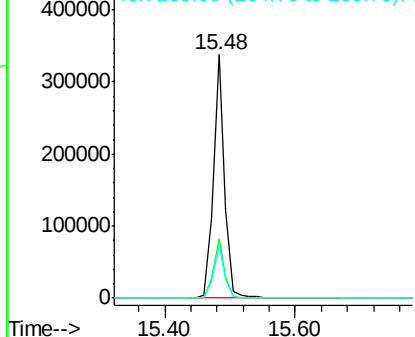


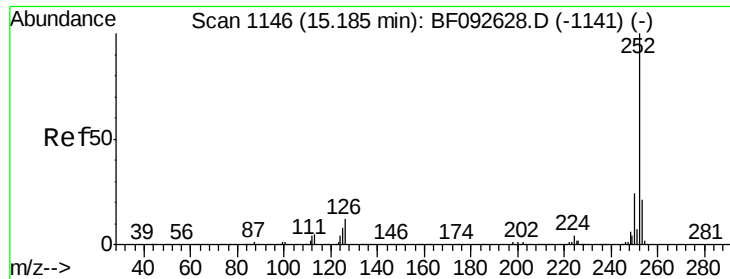
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	408138		
260	24.5	19.2	28.8	
265	21.9	17.4	26.0	



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





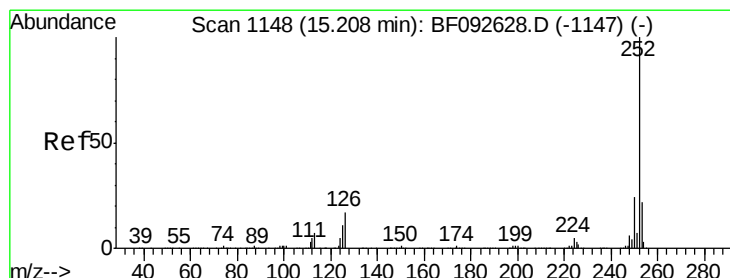
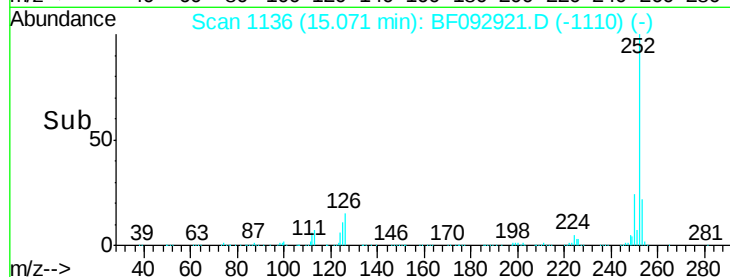
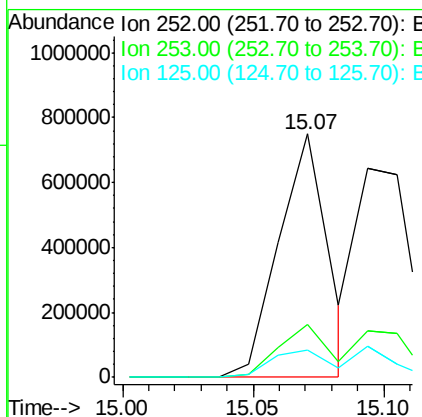
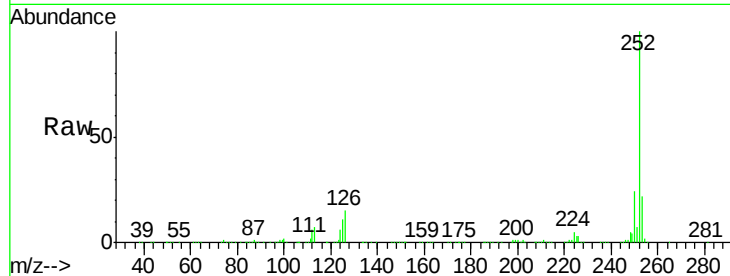
#87
Benzo(b)fluoranthene
Concen: 36.49 ng
RT: 15.07 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB96883BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	11.3	9.8	14.6

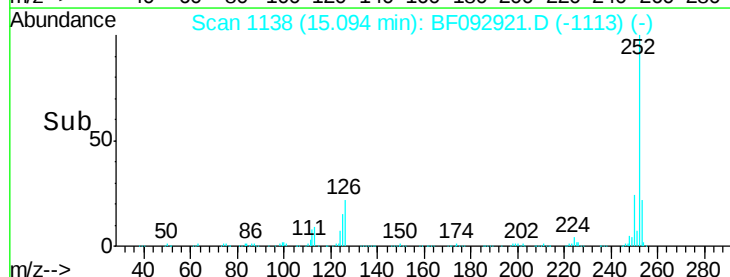
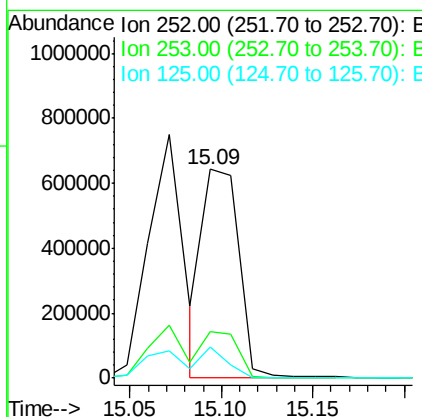
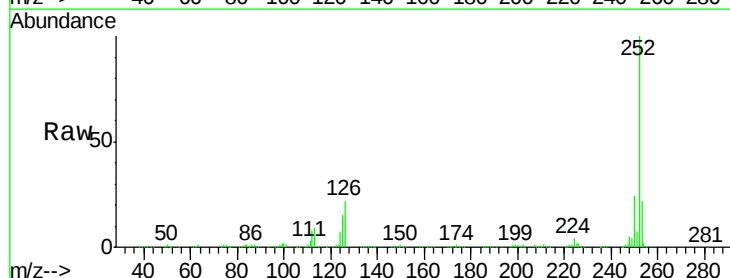
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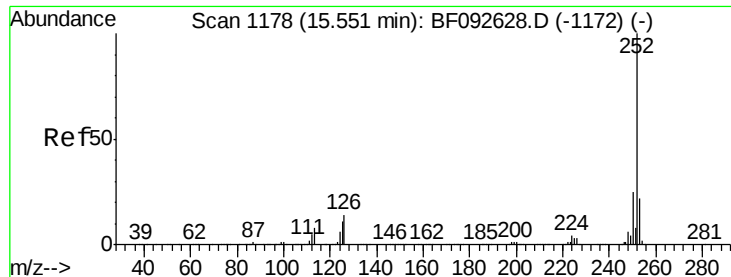
mohammad
2/14/2017 11:30:09 AM



#88
Benzo(k)fluoranthene
Concen: 39.09 ng m
RT: 15.09 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.5	27.7
125	14.8	8.9	13.3#





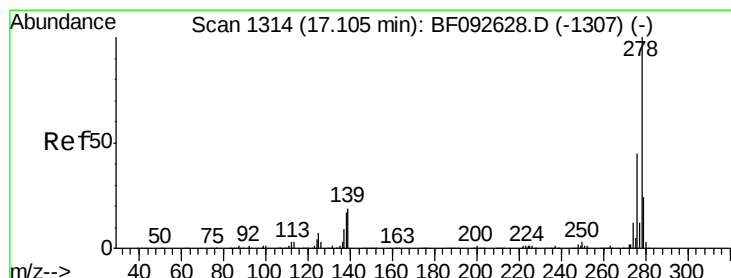
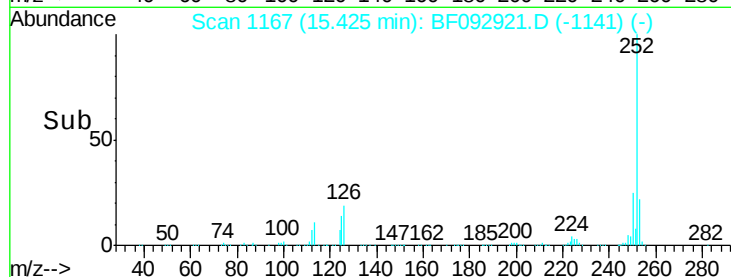
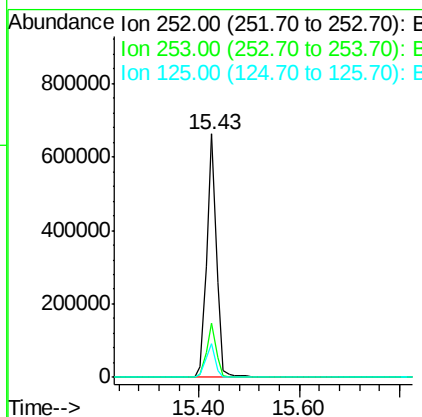
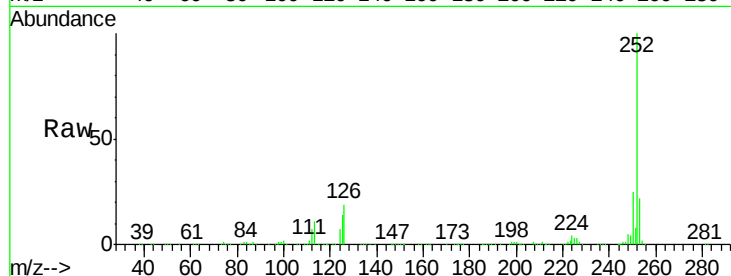
#89
Benzo(a)pyrene
Concen: 38.47 ng
RT: 15.43 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB96883BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	14.0	10.0	15.0

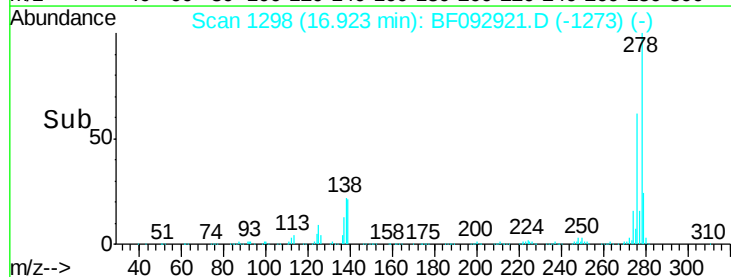
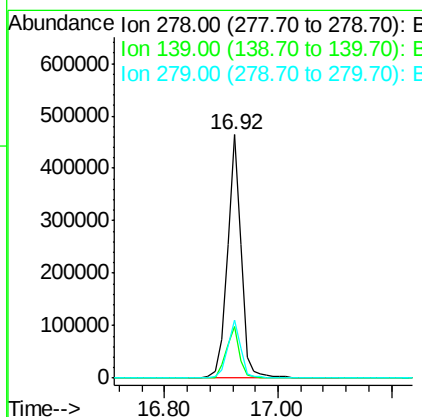
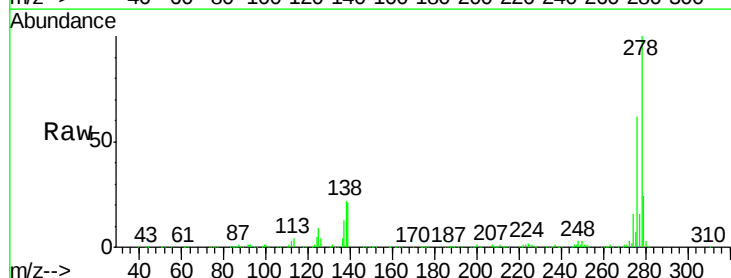
Manual Integrations
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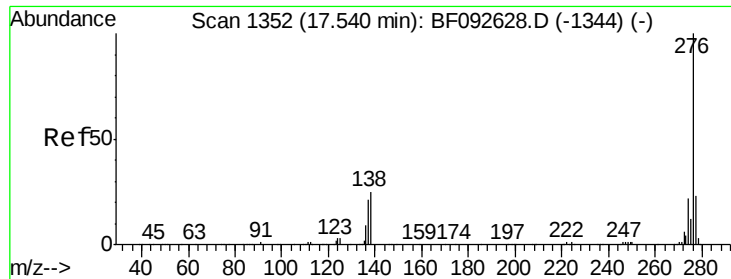
mohammad
2/14/2017 11:30:09 AM



#90
Dibenzo(a,h)anthracene
Concen: 42.00 ng
RT: 16.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF092921.D
Acq: 13 Feb 2017 16:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.4	14.8	22.2
279	24.0	19.8	29.6





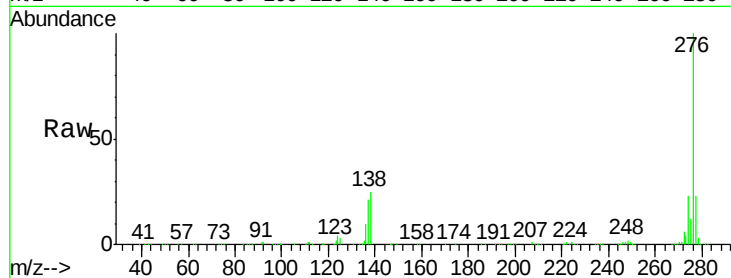
#91
 Benzo(g,h,i)perylene
 Concen: 42.34 ng
 RT: 17.35 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF092921.D
 Acq: 13 Feb 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB96883BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.5	19.2	28.8
138	24.8	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 2/14/2017 11:30:09 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

