

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
 Data File : BF092952.D
 Acq On : 15 Feb 2017 15:51
 Operator : SJ/MA
 Sample : PB96964BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96964BS

Manual Integrations
 APPROVED

mohammad
 2/16/2017 11:40:07 AM

Quant Time: Feb 15 16:22:12 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	6.86	152	140715	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	624205	20.00	ng	-0.01
38) Acenaphthene-d10	9.92	164	333732	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	523628	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	478309	20.00	ng	-0.02
86) Perylene-d12	15.46	264	386889	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1179979	143.87	ng	0.00
7) Phenol-d6	6.52	99	1588128	150.49	ng	-0.01
23) Nitrobenzene-d5	7.44	82	918308	81.93	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	314576	130.33	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1615132	87.68	ng	-0.01
78) Terphenyl-d14	12.98	244	1400601	68.80	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	161644	36.47	ng	86
3) Pyridine	3.25	79	457152	40.57	ng	86
4) n-Nitrosodimethylamine	3.21	42	225870	42.69	ng	85
6) Aniline	6.53	93	231560	16.09	ng	# 70
8) 2-Chlorophenol	6.66	128	436271	48.21	ng	98
9) Benzaldehyde	6.42	77	99140	13.11	ng	92
10) Phenol	6.53	94	528395	42.80	ng	# 76
11) bis(2-Chloroethyl)ether	6.61	93	445714	45.23	ng	98
12) 1,3-Dichlorobenzene	6.81	146	457622	43.18	ng	# 92
13) 1,4-Dichlorobenzene	6.89	146	485450	45.26	ng	95
14) 1,2-Dichlorobenzene	7.04	146	412728	40.24	ng	96
15) Benzyl Alcohol	7.01	79	351774	45.02	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	719280	42.01	ng	93
17) 2-Methylphenol	7.14	107	384848	49.58	ng	95
18) Hexachloroethane	7.38	117	154686	42.24	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	293728	43.72	ng	96
20) 3+4-Methylphenols	7.29	107	432671	46.62	ng	90
22) Acetophenone	7.29	105	566987	39.78	ng	# 92
24) Nitrobenzene	7.46	77	502560	43.66	ng	93
25) Isophorone	7.70	82	892038	42.71	ng	99
26) 2-Nitrophenol	7.78	139	248136	45.35	ng	# 77
27) 2,4-Dimethylphenol	7.81	122	389414	40.53	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	533190	38.54	ng	99
29) 2,4-Dichlorophenol	8.02	162	402896	44.96	ng	93
30) 1,2,4-Trichlorobenzene	8.10	180	393073	40.70	ng	97
31) Naphthalene	8.18	128	1264841	39.97	ng	99
32) Benzoic acid	7.95	122	279231	50.80	ng	98
33) 4-Chloroaniline	8.22	127	89278	7.19	ng	95
34) Hexachlorobutadiene	8.29	225	204513	38.49	ng	99
35) Caprolactam	8.60	113	119842	42.51	ng	# 28
36) 4-Chloro-3-methylphenol	8.72	107	412932	44.20	ng	97
37) 2-Methylnaphthalene	8.86	142	808456	39.79	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	374492	39.98	ng	99
40) Hexachlorocyclopentadiene	9.02	237	342420	81.01	ng	95

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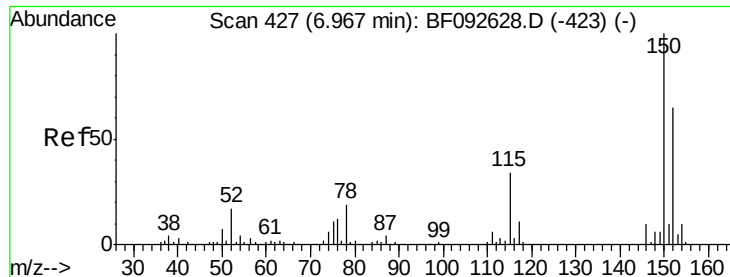
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	276425	44.91	ng	91
43) 2,4,5-Trichlorophenol	9.20	196	275682	40.87	ng #	89
45) 1,1'-Biphenyl	9.33	154	980579	40.58	ng	97
46) 2-Chloronaphthalene	9.36	162	769147	40.69	ng	96
47) 2-Nitroaniline	9.46	65	286603	45.09	ng	92
48) Acenaphthylene	9.78	152	1325533	40.59	ng	98
49) Dimethylphthalate	9.64	163	1019360	45.35	ng	100
50) 2,6-Dinitrotoluene	9.70	165	193991	39.96	ng #	77
51) Acenaphthene	9.95	154	866103	44.36	ng	96
52) 3-Nitroaniline	9.87	138	83424	15.02	ng #	79
53) 2,4-Dinitrophenol	9.98	184	195324	79.15	ng	94
54) Dibenzofuran	10.12	168	1152317	44.12	ng	90
55) 4-Nitrophenol	10.04	139	298833	74.68	ng	95
56) 2,4-Dinitrotoluene	10.11	165	304737	47.15	ng #	77
57) Fluorene	10.46	166	847659	42.19	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.24	232	215110	47.81	ng	99
59) Diethylphthalate	10.34	149	944647	44.59	ng	96
60) 4-Chlorophenyl-phenylether	10.45	204	409289	42.40	ng #	81
61) 4-Nitroaniline	10.49	138	220267	38.71	ng	92
62) Azobenzene	10.61	77	1074176	49.08	ng	94
64) 4,6-Dinitro-2-methylphenol	10.51	198	129809	41.13	ng #	39
65) n-Nitrosodiphenylamine	10.57	169	737357	44.08	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	247591	45.26	ng #	80
67) Hexachlorobenzene	11.00	284	226515	41.90	ng #	76
68) Atrazine	11.10	200	260040	48.44	ng	94
69) Pentachlorophenol	11.21	266	277150	97.57	ng	98
70) Phenanthrene	11.42	178	1295213	43.17	ng	98
71) Anthracene	11.47	178	1205560	40.02	ng	99
72) Carbazole	11.63	167	1227589	42.63	ng	98
73) Di-n-butylphthalate	11.95	149	1465482	47.05	ng	98
74) Fluoranthene	12.60	202	1208745	39.06	ng	98
76) Benzidine	12.73	184	268979	13.20	ng	96
77) Pyrene	12.83	202	1202533	33.60	ng	100
79) Butylbenzylphthalate	13.45	149	579383	39.86	ng	95
80) Benzo(a)anthracene	14.02	228	1074435	36.73	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	228532	21.92	ng #	95
82) Chrysene	14.05	228	955090	34.87	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	822317	41.37	ng #	97
84) Di-n-octyl phthalate	14.61	149	1420544	43.88	ng	99
85) Indeno(1,2,3-cd)pyrene	16.88	276	881580	41.55	ng #	94
87) Benzo(b)fluoranthene	15.05	252	1223887m	48.06	ng	
88) Benzo(k)fluoranthene	15.08	252	737632m	33.55	ng	
89) Benzo(a)pyrene	15.40	252	930265	42.23	ng	97
90) Dibenzo(a,h)anthracene	16.89	278	730507	41.03	ng #	94
91) Benzo(g,h,i)perylene	17.31	276	746612	41.51	ng #	94

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



#1

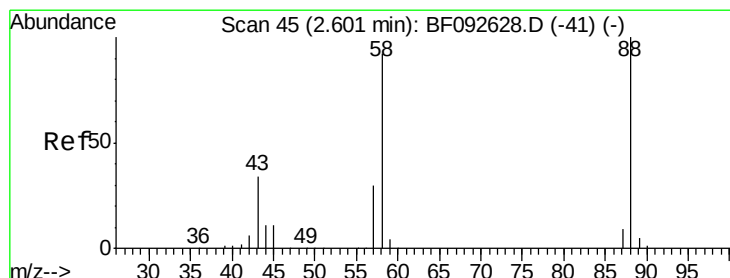
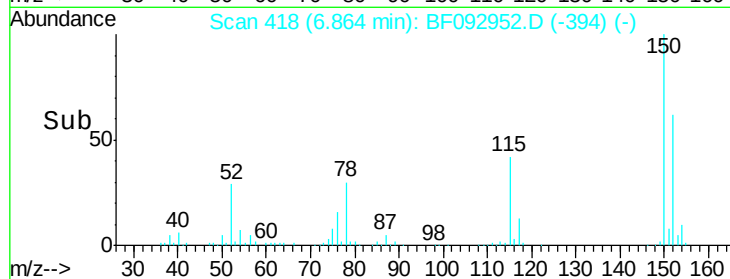
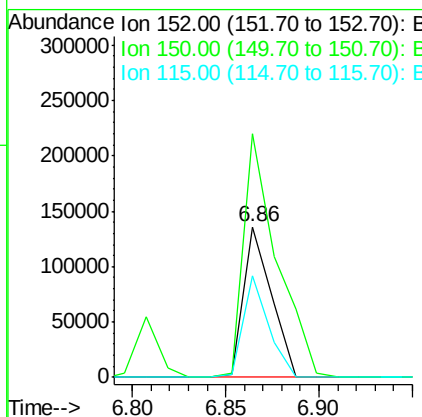
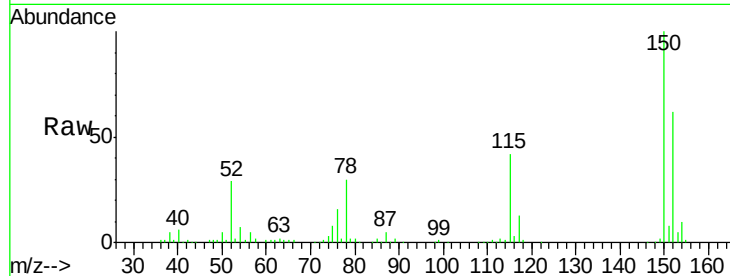
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :
PB96964BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.2	124.9	187.3
115	67.6	46.0	69.0

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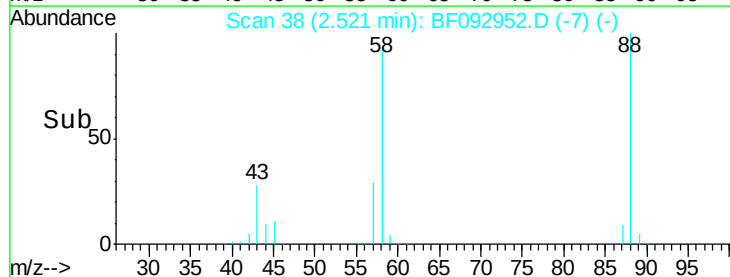
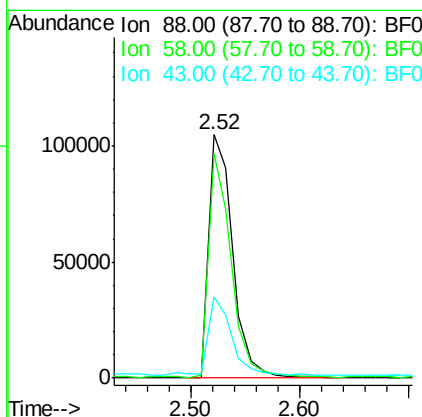
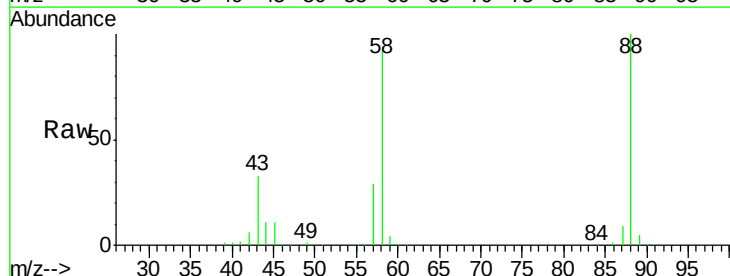
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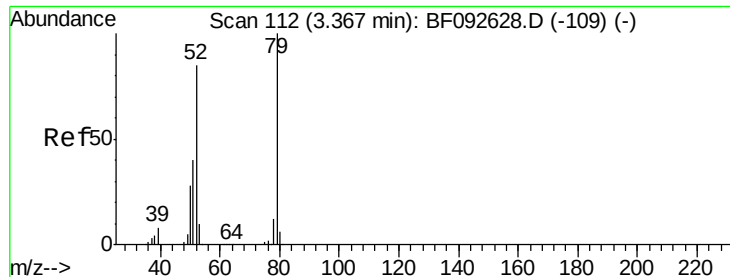


#2

1,4-Dioxane
Concen: 36.47 ng
RT: 2.52 min Scan# 38
Delta R.T. 0.06 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.4	57.8	86.8
43	31.4	22.3	33.5





#3

Pyridine

Concen: 40.57 ng

RT: 3.25 min Scan# 102

Delta R.T. 0.06 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Instrument :

BNA_F

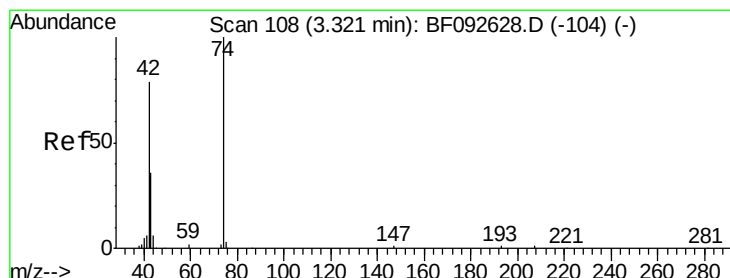
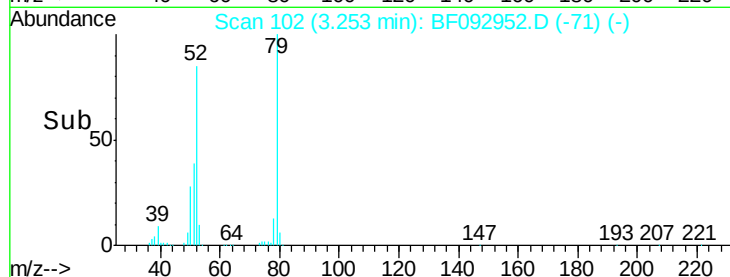
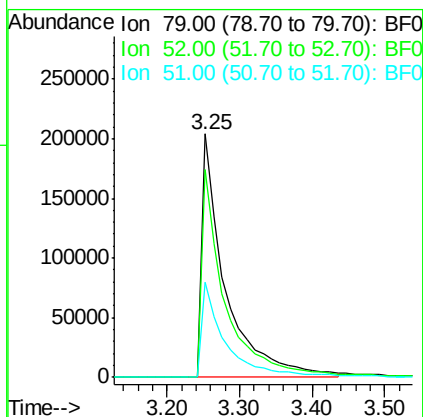
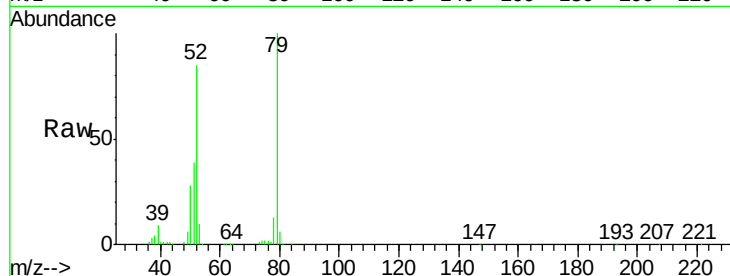
ClientSampleId :

PB96964BS

Tgt Ion:	79	Resp:	457152
Ion	Ratio	Lower	Upper
79	100		
52	85.3	57.1	85.7
51	39.2	27.3	40.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 42.69 ng

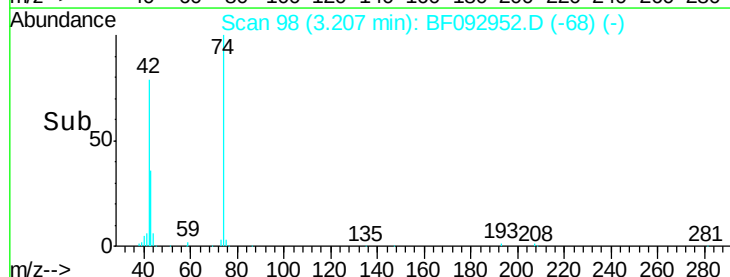
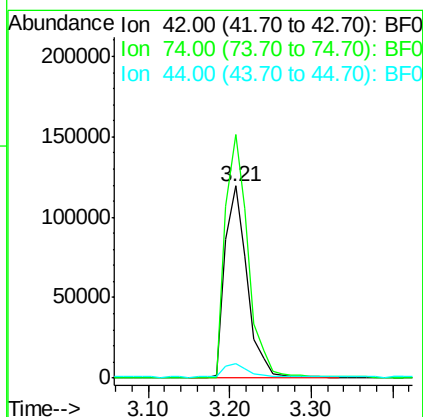
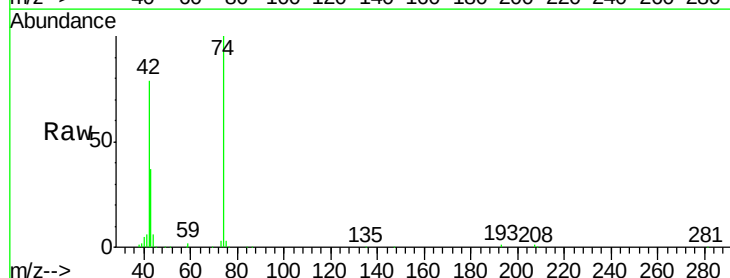
RT: 3.21 min Scan# 98

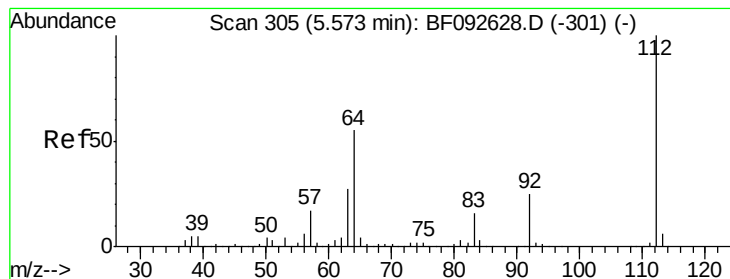
Delta R.T. 0.05 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Tgt Ion:	42	Resp:	225870
Ion	Ratio	Lower	Upper
42	100		
74	126.8	117.0	175.4
44	7.7	5.5	8.3





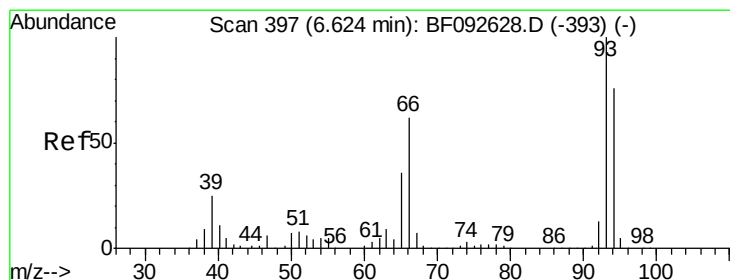
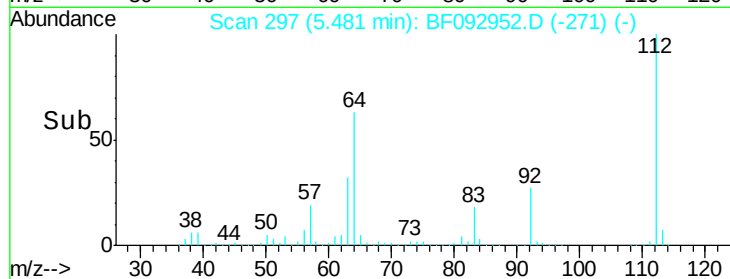
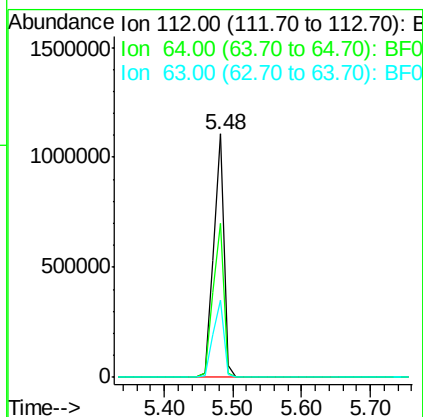
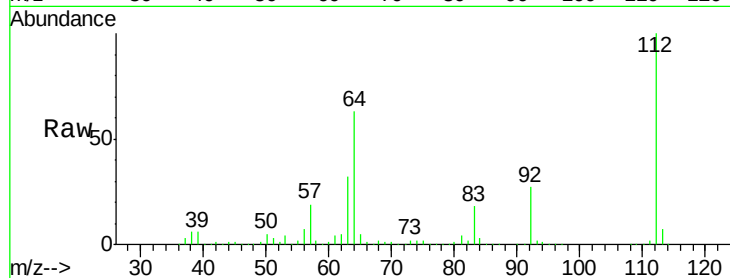
#5
 2-Fluorophenol
 Concen: 143.87 ng
 RT: 5.48 min Scan# 297
 Delta R.T. 0.00 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Instrument :
 BNA_F
 ClientSampled :
 PB96964BS

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	46.1	69.1
63	31.7	23.8	35.6

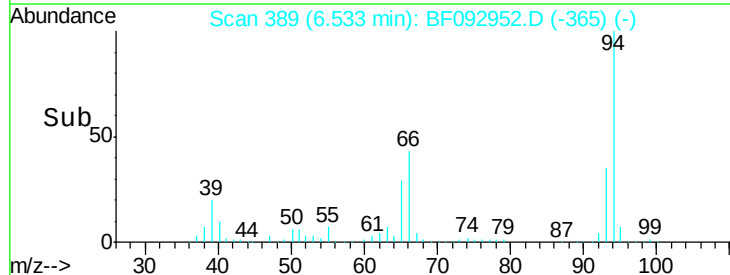
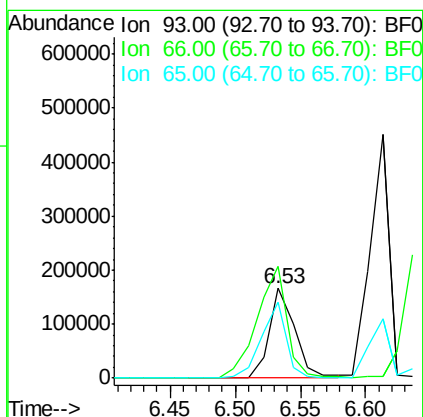
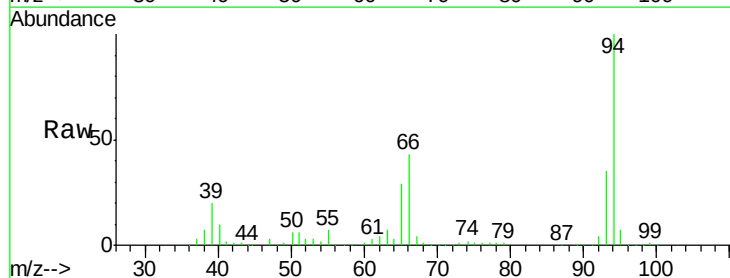
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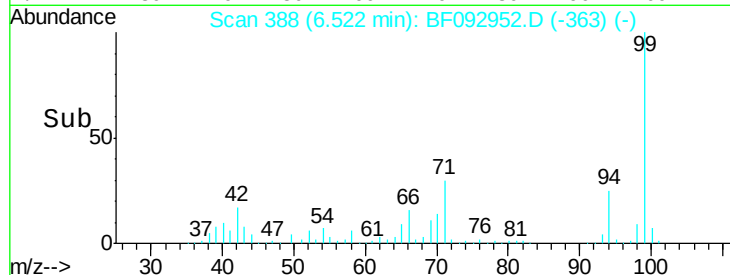
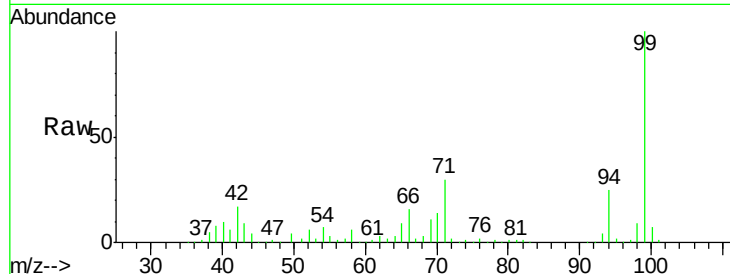
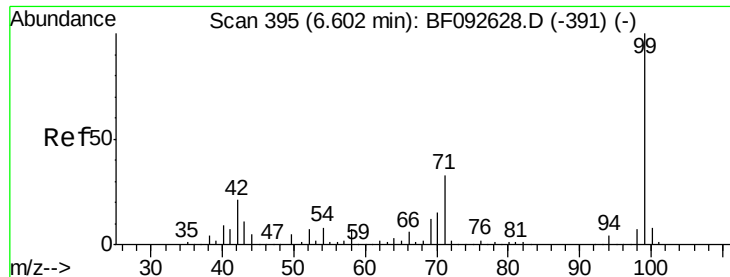
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#6
 Aniline
 Concen: 16.09 ng
 RT: 6.53 min Scan# 389
 Delta R.T. -0.02 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Lower	Upper
93	100		
66	124.0	76.2	114.2#
65	84.5	49.3	73.9#





#7

Phenol-d6

Concen: 150.49 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092952.D

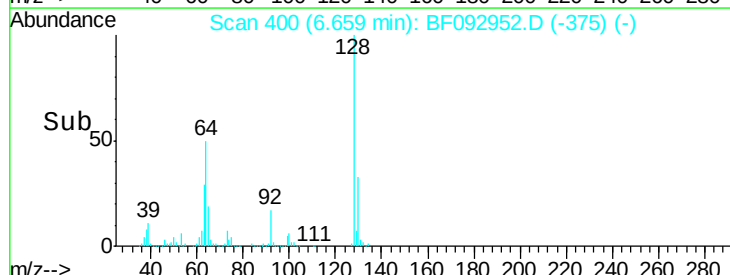
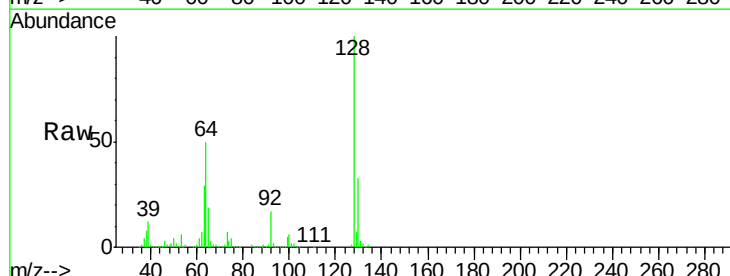
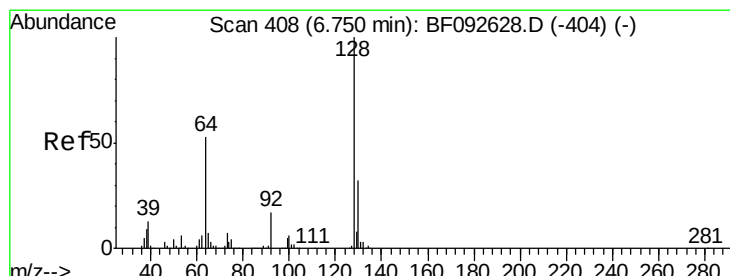
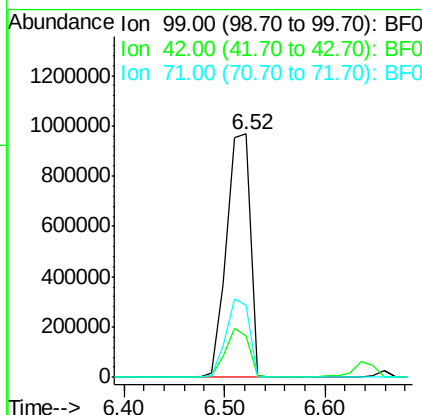
Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Lower	Upper
99	100		
42	16.8	15.6	23.4
71	29.5	27.5	41.3

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PB96964BS

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#8

2-Chlorophenol

Concen: 48.21 ng

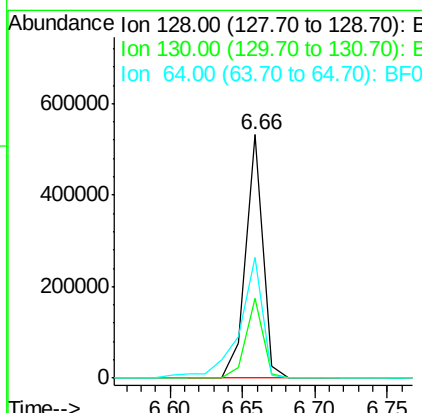
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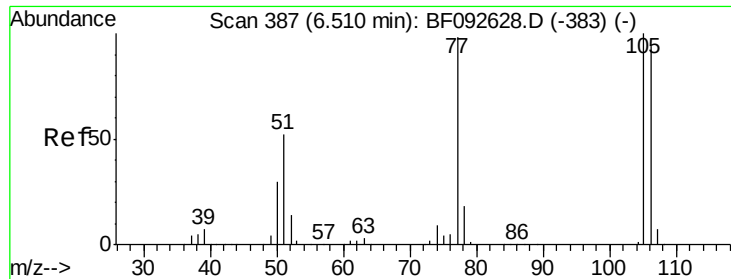
Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.3	52.3
64	49.6	32.2	72.2





#9

Benzaldehyde

Concen: 13.11 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Instrument :

BNA_F

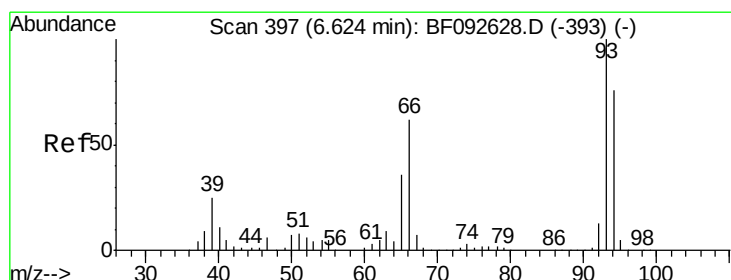
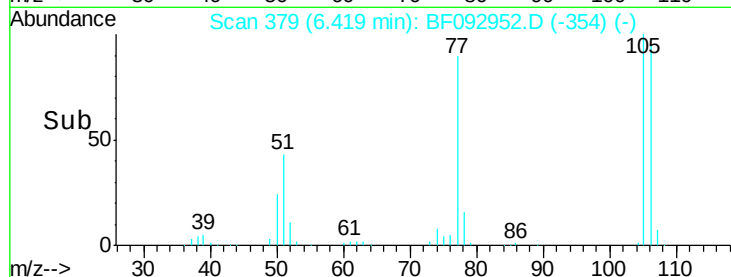
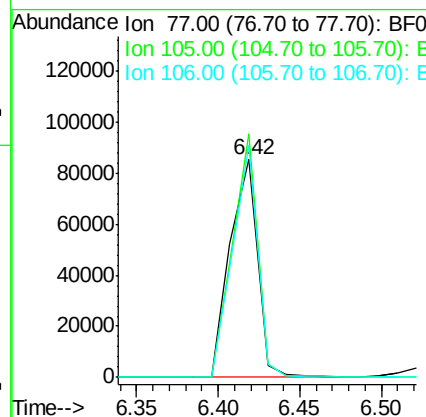
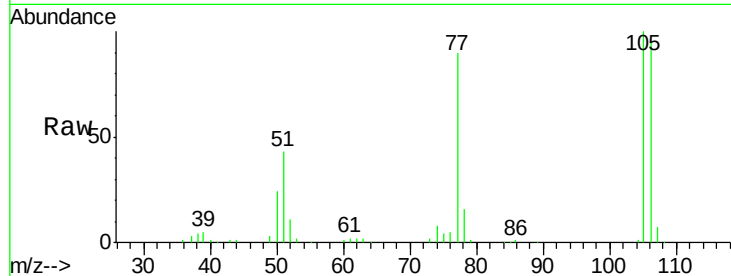
ClientSampleId :

PB96964BS

Tgt Ion:	77	Resp:	99140
Ion	Ratio	Lower	Upper
77	100		
105	111.7	83.9	123.9
106	106.2	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 42.80 ng

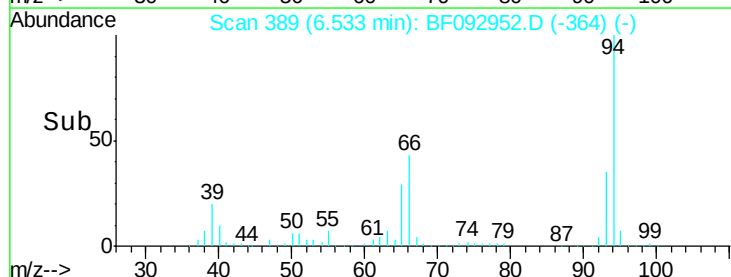
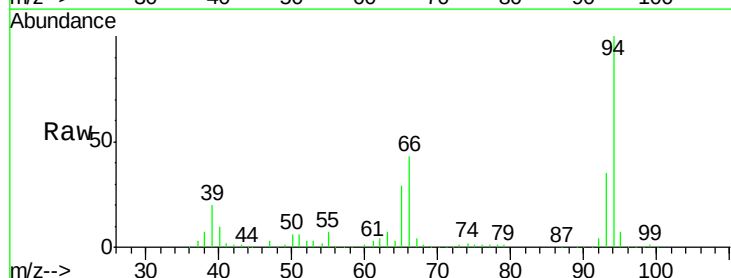
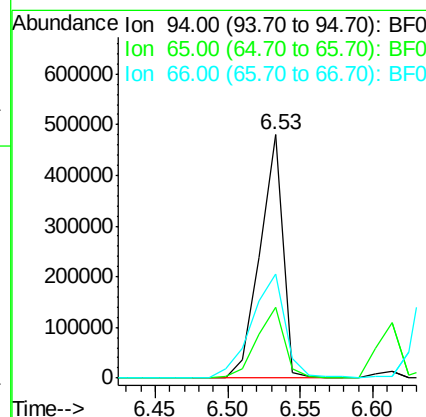
RT: 6.53 min Scan# 389

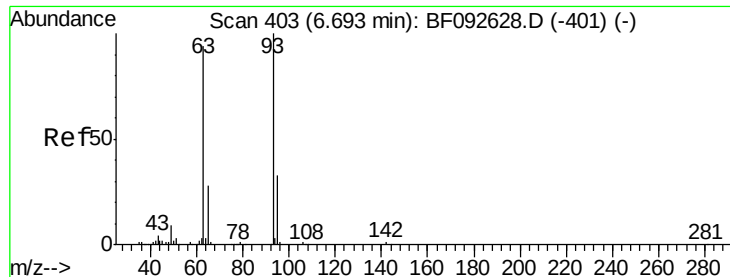
Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Tgt Ion:	94	Resp:	528395
Ion	Ratio	Lower	Upper
94	100		
65	29.3	21.4	61.4
66	43.0	44.0	84.0#





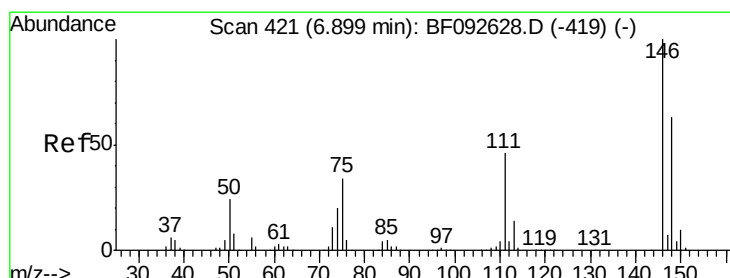
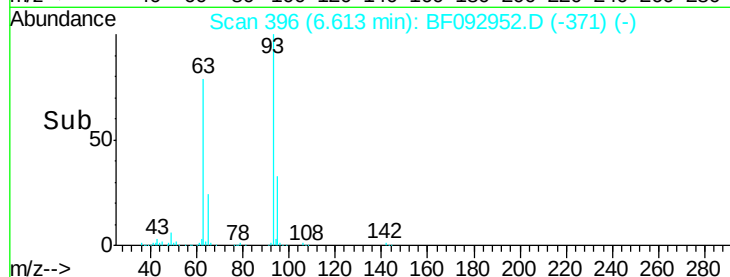
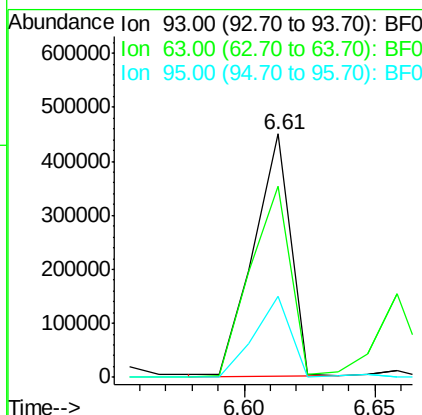
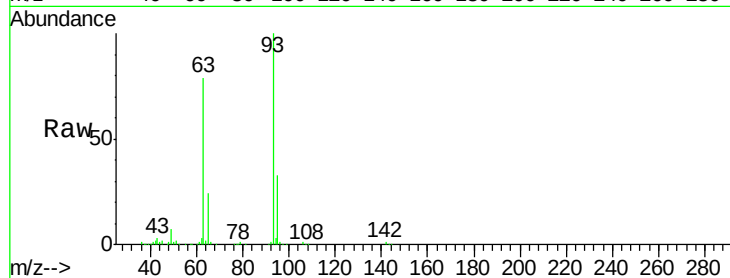
#11
bis(2-Chloroethyl)ether
Concen: 45.23 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :
PB96964BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	445714		
63	78.7	60.4	100.4	
95	33.4	12.8	52.8	

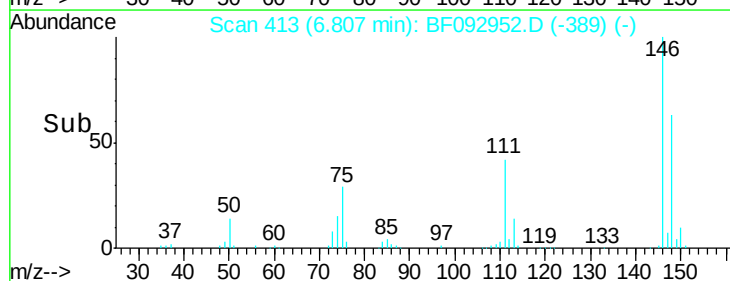
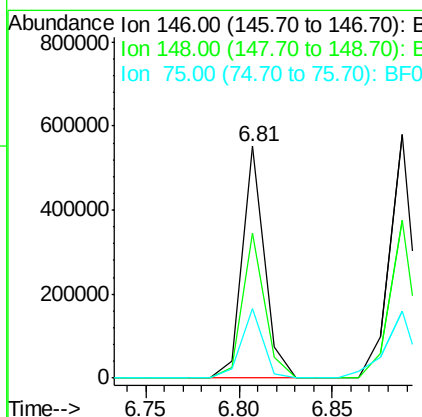
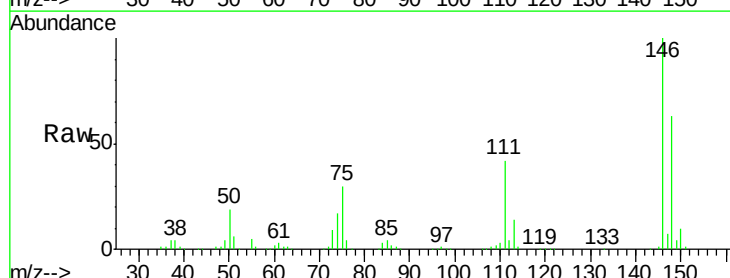
Manual Integrations
APPROVED

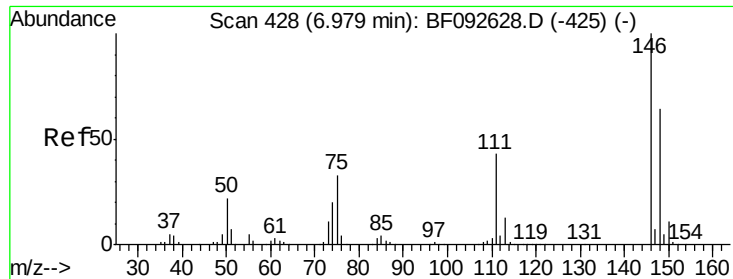
mohammad
2/16/2017 11:40:07 AM



#12
1,3-Dichlorobenzene
Concen: 43.18 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	457622		
148	62.5	53.4	80.0	
75	30.1	18.5	27.7	





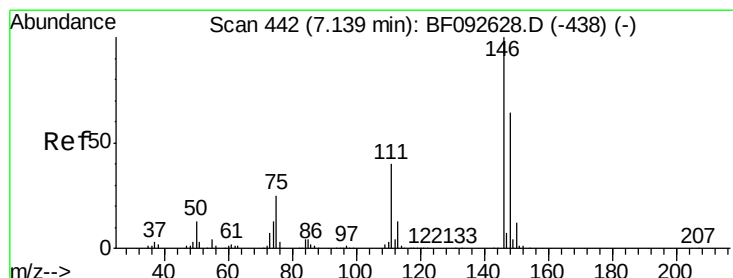
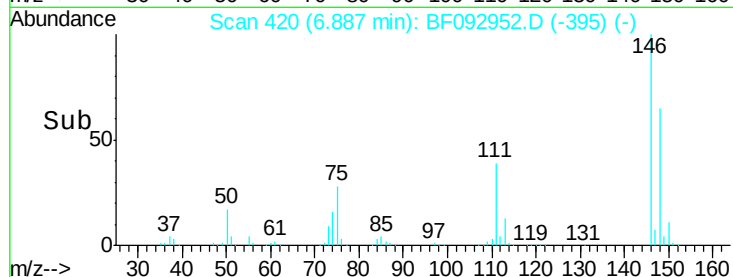
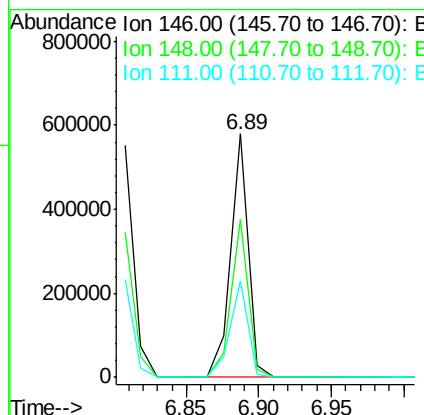
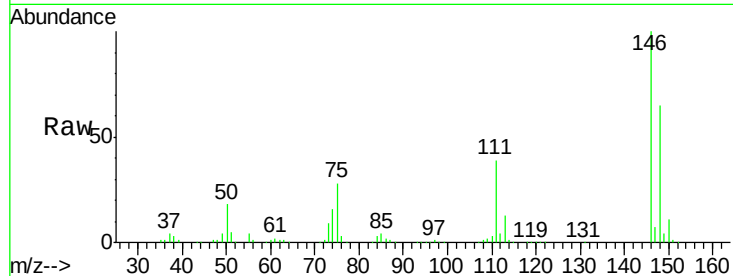
#13
1,4-Dichlorobenzene
Concen: 45.26 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :
PB96964BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	485450		
148	65.1	50.6	76.0	
111	39.5	36.2	54.4	

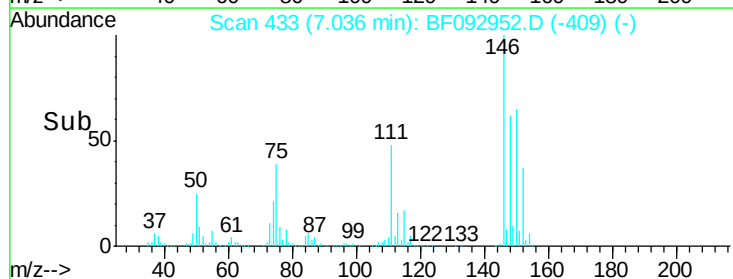
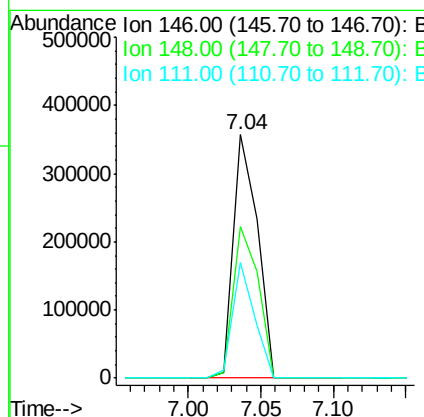
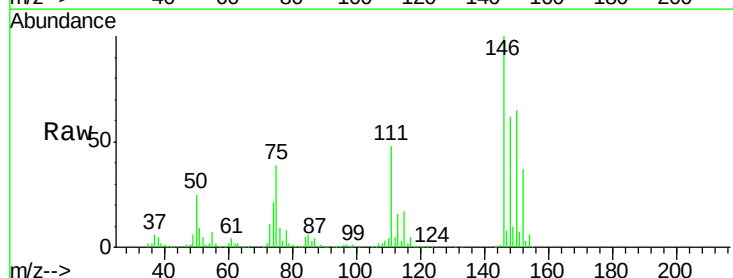
Manual Integrations
APPROVED

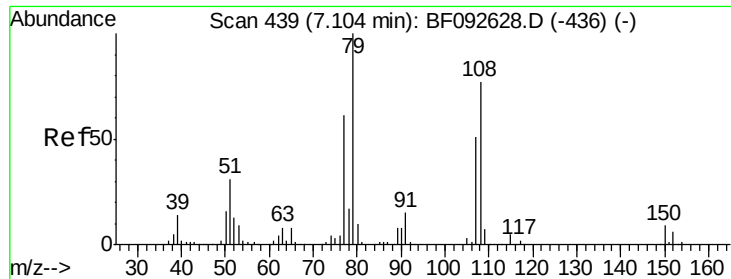
mohammad
2/16/2017 11:40:07 AM



#14
1,2-Dichlorobenzene
Concen: 40.24 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	412728		
148	62.0	52.2	78.2	
111	47.7	36.2	54.2	





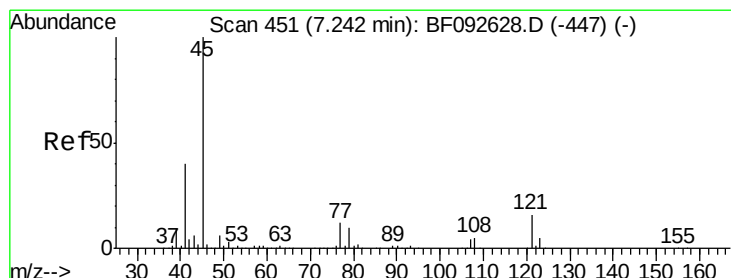
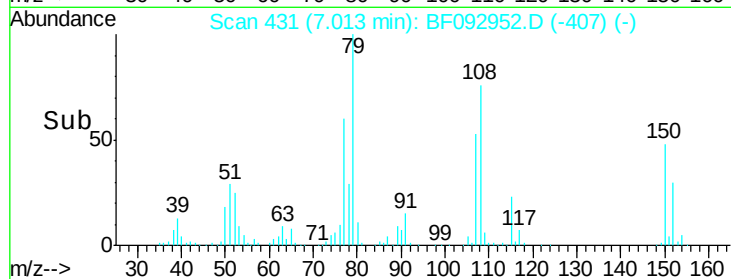
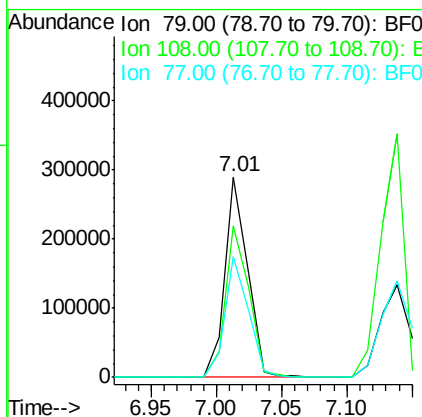
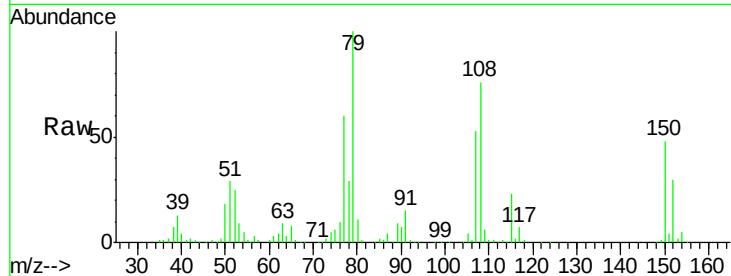
#15
Benzyl Alcohol
Concen: 45.02 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.02 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :
PB96964BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	75.9	61.4	92.0
77	60.2	50.9	76.3

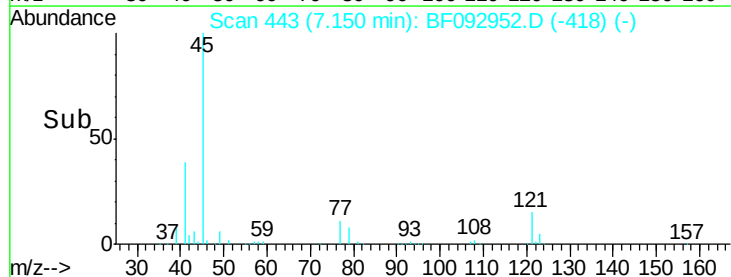
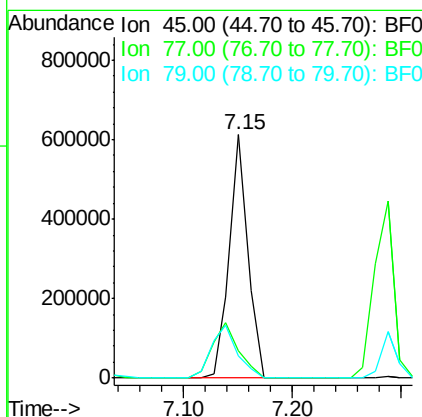
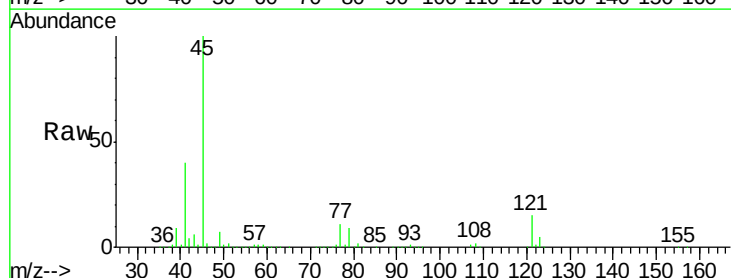
Manual Integrations
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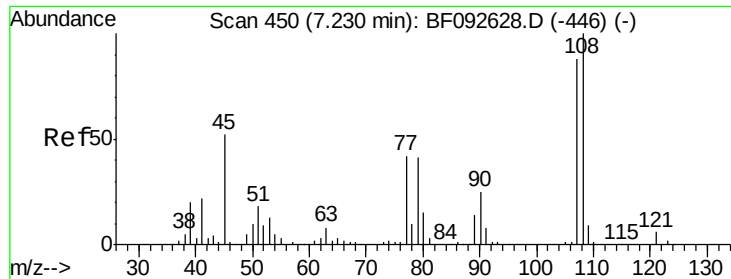
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.01 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	34.6
79	9.1	0.0	31.2





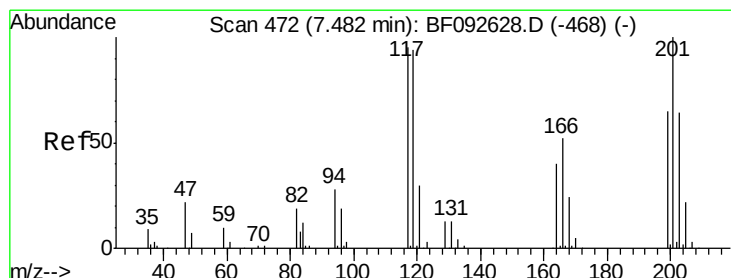
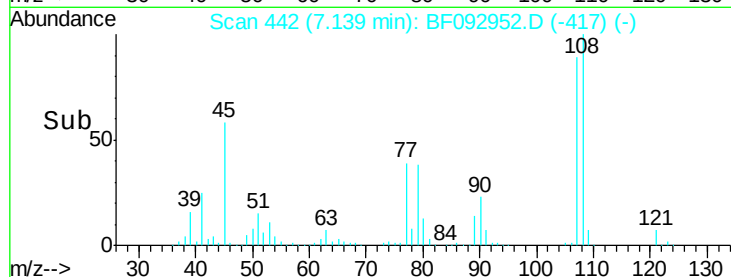
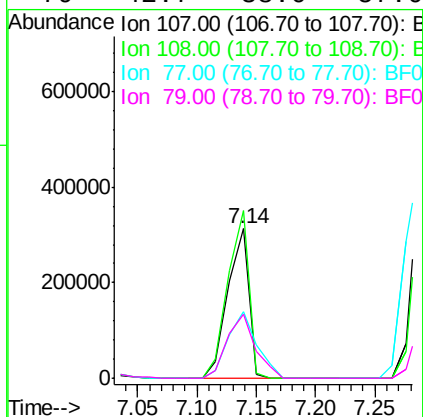
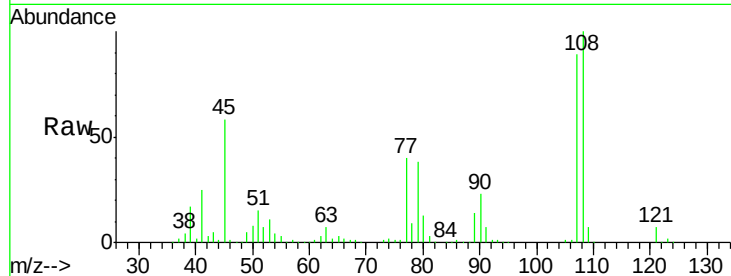
#17
2-Methylphenol
Concen: 49.58 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :
PB96964BS

Tgt Ion:	107	Resp:	384848
Ion Ratio	Lower	Upper	
107	100		
108	112.8	93.0	139.6
77	44.6	39.8	59.8
79	42.7	38.0	57.0

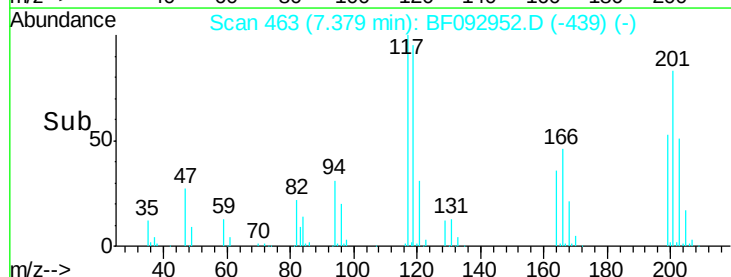
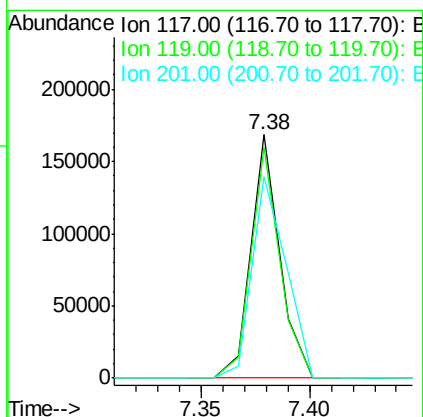
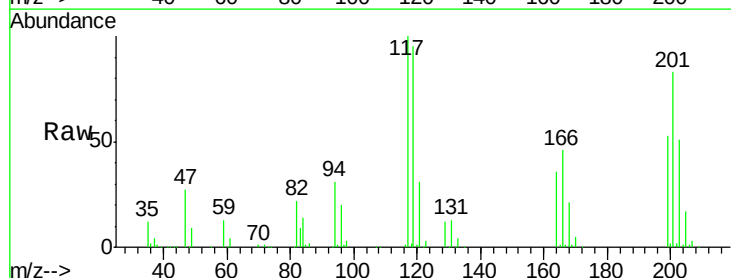
Manual Integrations
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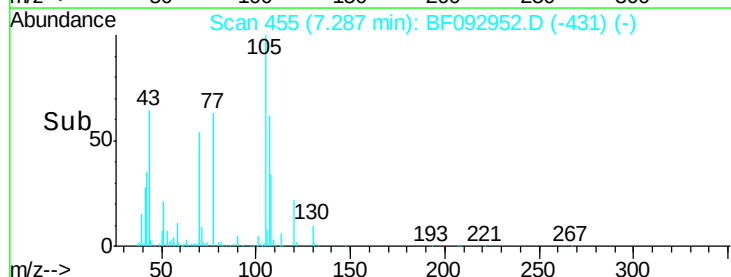
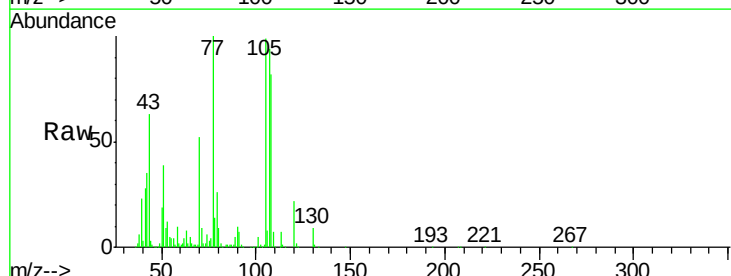
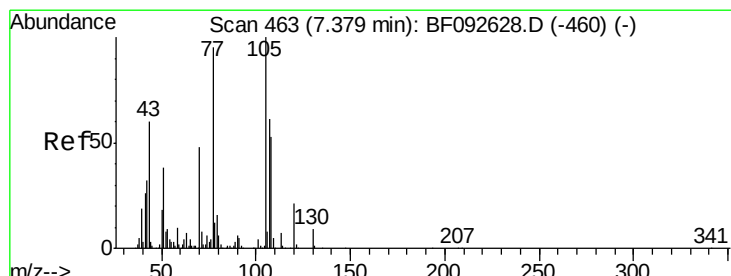
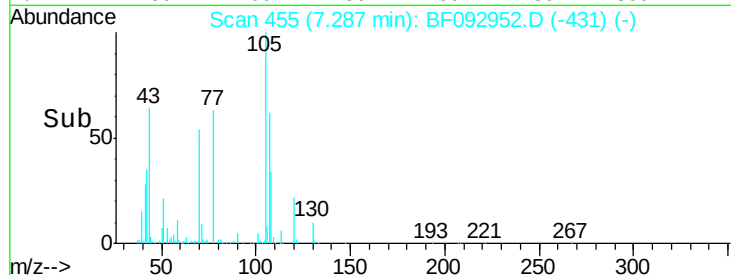
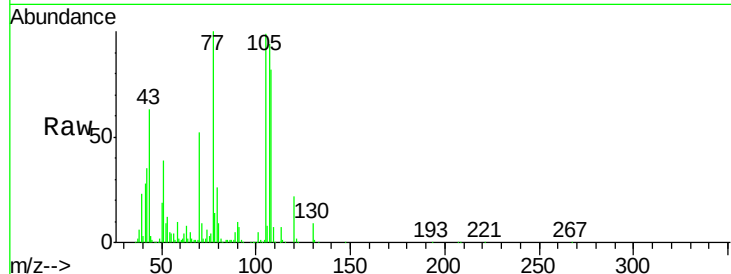
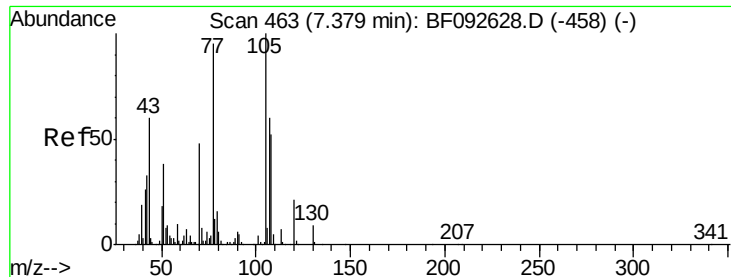
mohammad
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#18
Hexachloroethane
Concen: 42.24 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

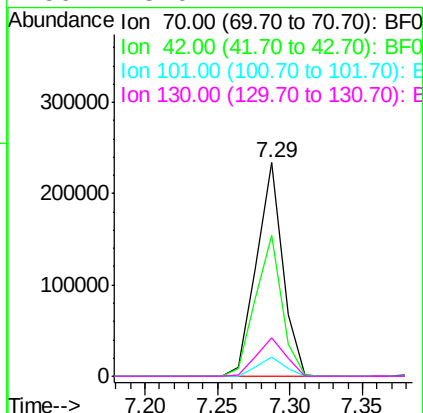
Tgt Ion:	117	Resp:	154686
Ion Ratio	Lower	Upper	
117	100		
119	95.0	78.1	117.1
201	83.0	78.6	117.8





#19
n-Nitroso-di-n-propylamine
Concen: 43.72 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		293728		
42	65.9	49.4	74.0		
101	9.0	7.4	11.2		
130	18.0	14.2	21.4		



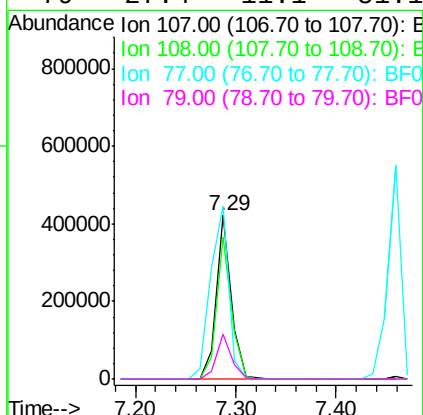
Instrument :
BNA_F
ClientSampleId :
PB96964BS

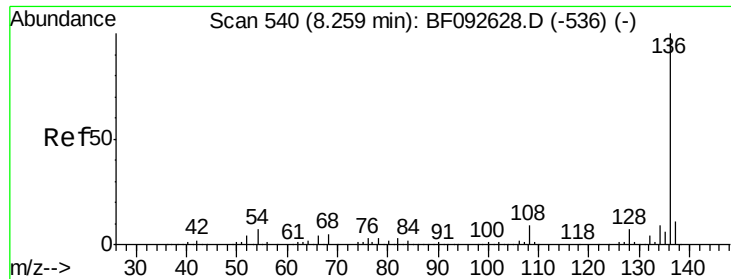
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#20
3+4-Methylphenols
Concen: 46.62 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		432671		
108	87.2	73.0	113.0		
77	106.0	71.3	111.3		
79	27.4	11.1	51.1		





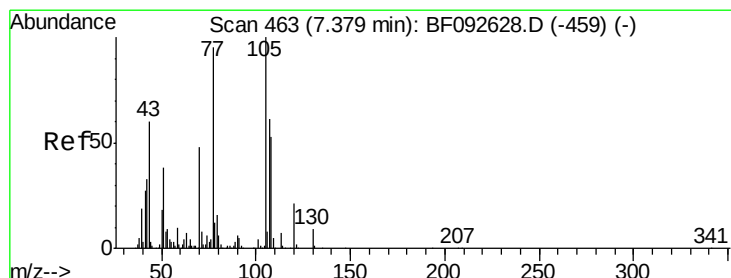
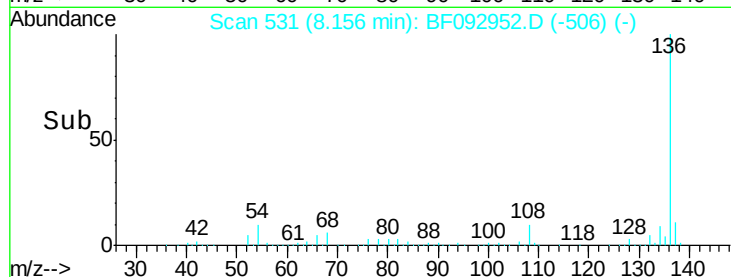
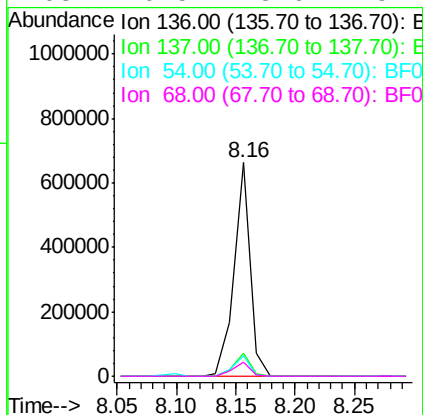
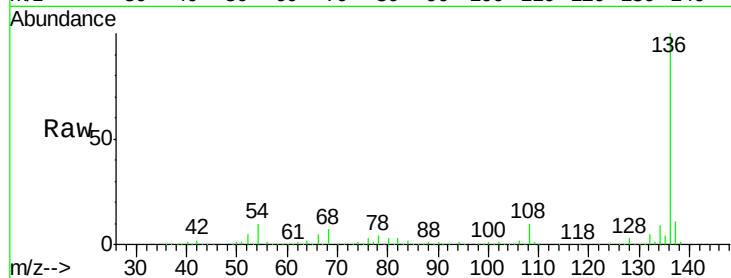
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :
PB96964BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	624205		
137	10.9	8.4	12.6	
54	9.6	4.5	6.7#	
68	6.5	3.6	5.4#	

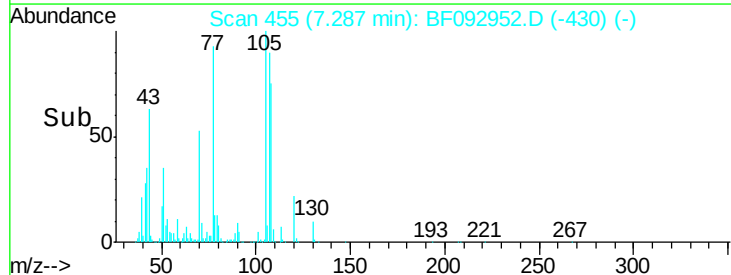
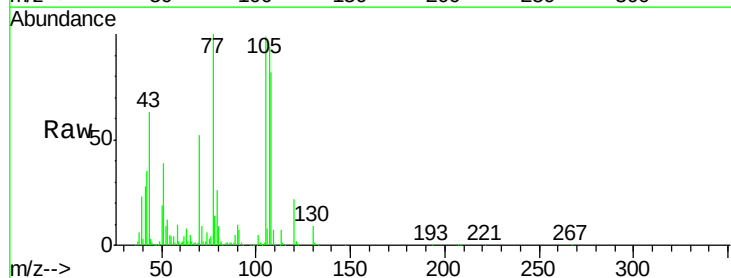
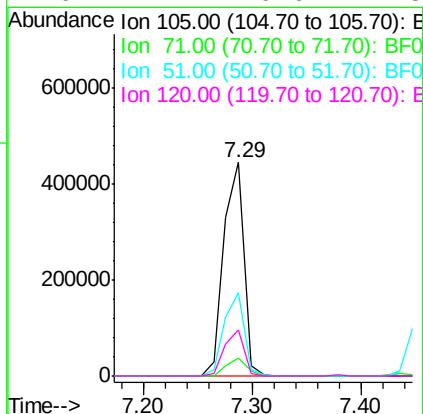
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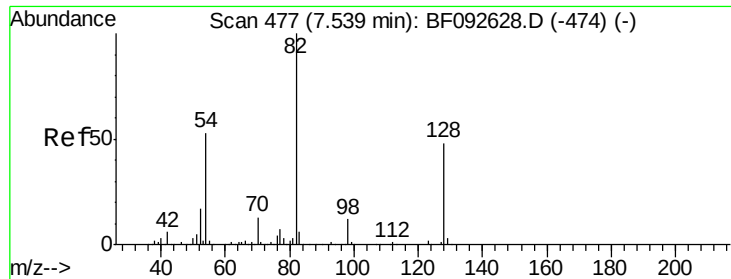
mohammad
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#22
Acetophenone
Concen: 39.78 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	566987		
71	8.7	3.2	4.8#	
51	39.2	26.2	39.4	
120	21.7	16.6	24.8	





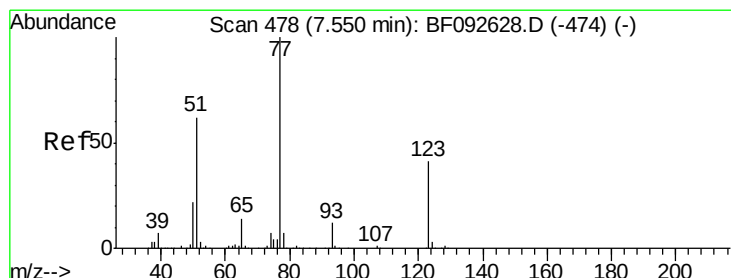
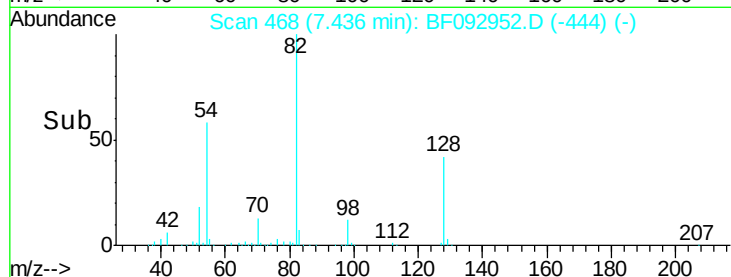
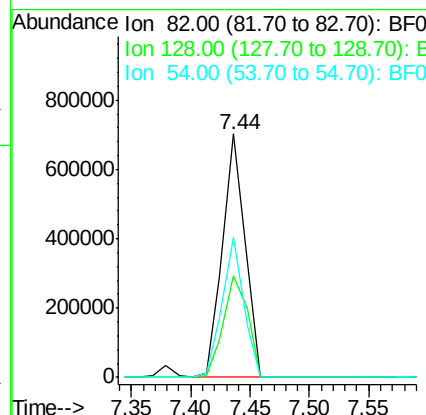
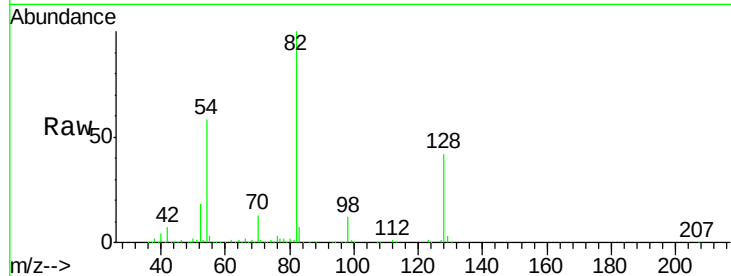
#23
 Nitrobenzene-d5
 Concen: 81.93 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB96964BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	52.0
54	57.6	39.5	59.3

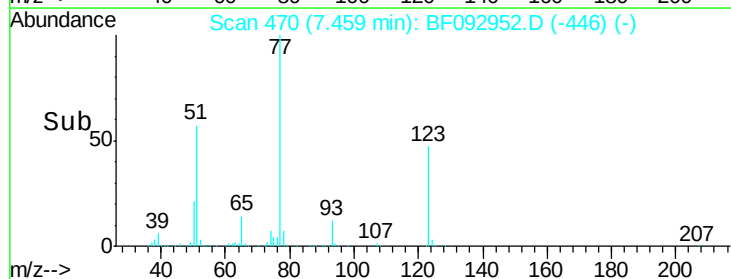
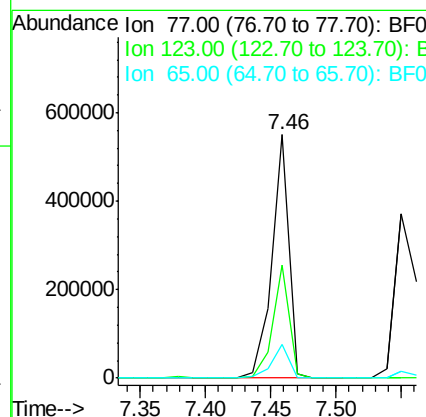
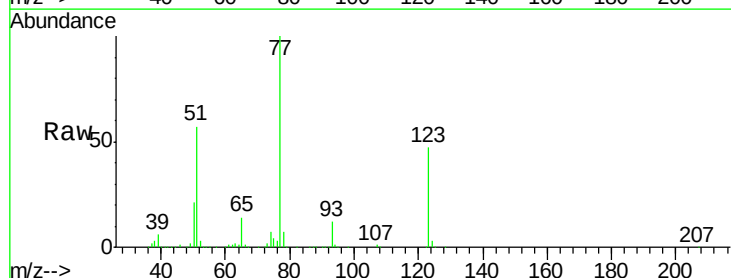
Manual Integrations
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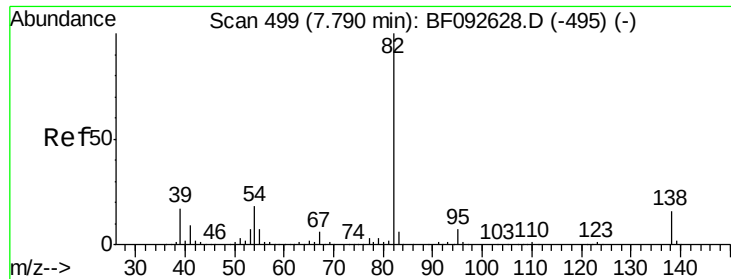
mohammad
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#24
 Nitrobenzene
 Concen: 43.66 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	33.0	49.4
65	13.6	11.2	16.8





#25

Isophorone

Concen: 42.71 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Instrument :

BNA_F

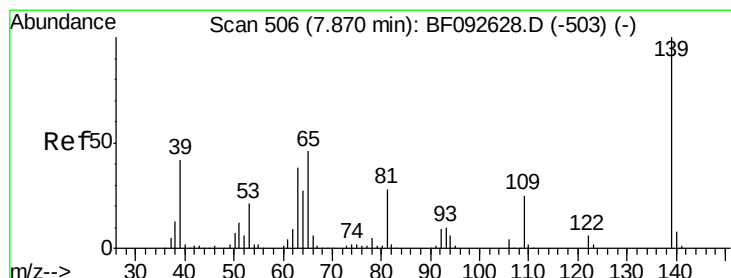
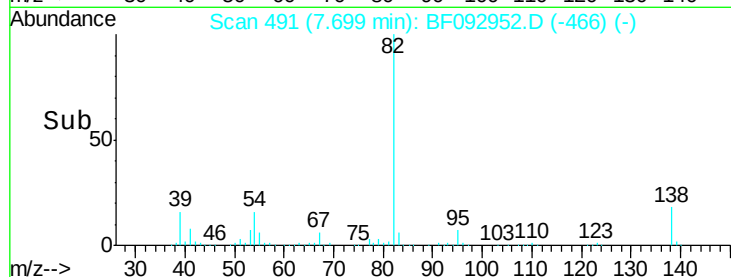
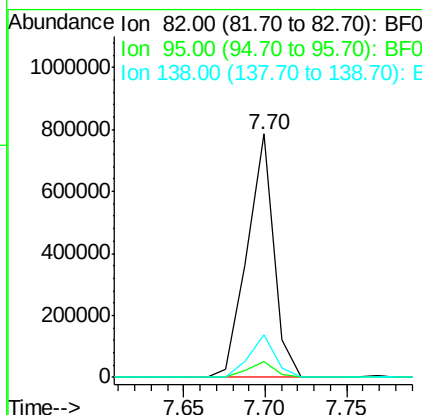
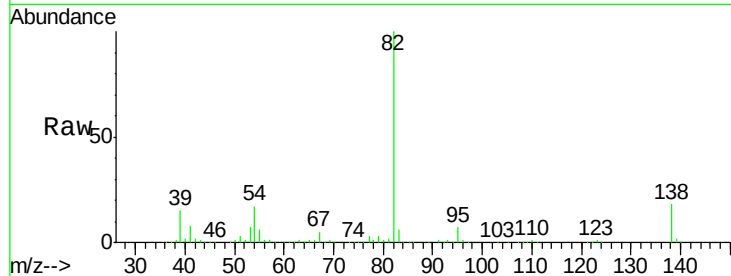
ClientSampled :

PB96964BS

Tgt Ion:	82	Resp:	892038
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.6	8.4
138	17.6	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.35 ng

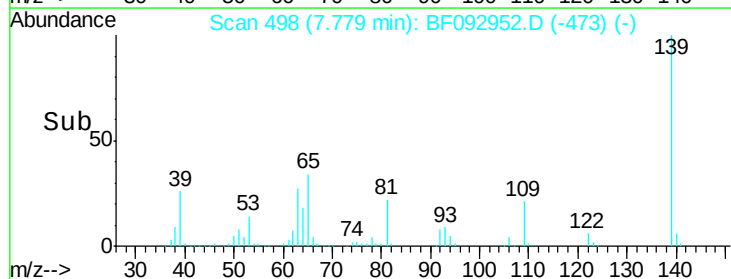
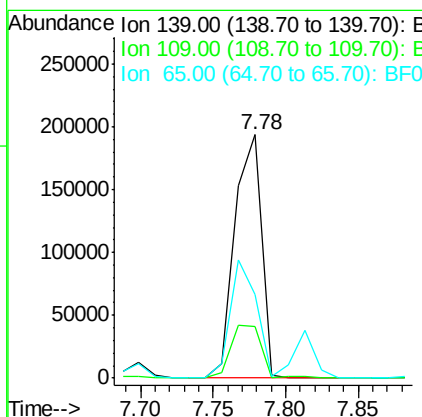
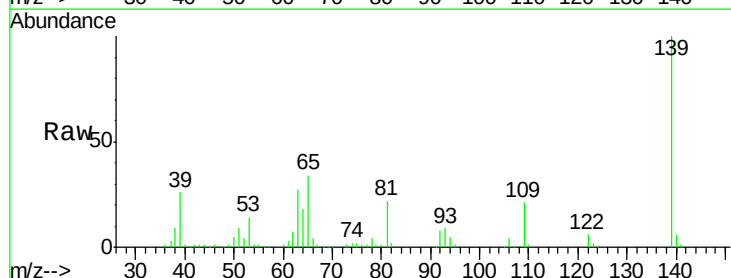
RT: 7.78 min Scan# 498

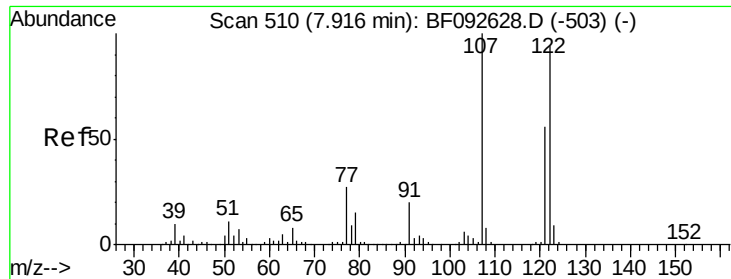
Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Tgt Ion:	139	Resp:	248136
Ion Ratio	Lower	Upper	
139	100		
109	21.3	23.3	34.9#
65	34.2	42.7	64.1#





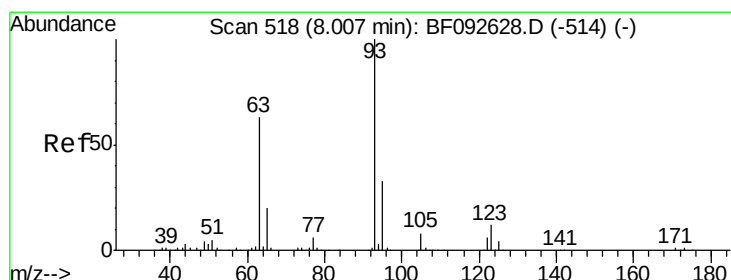
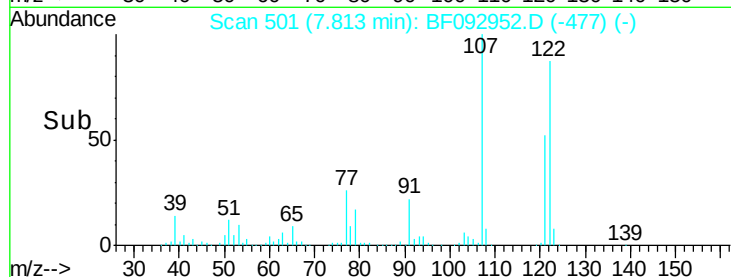
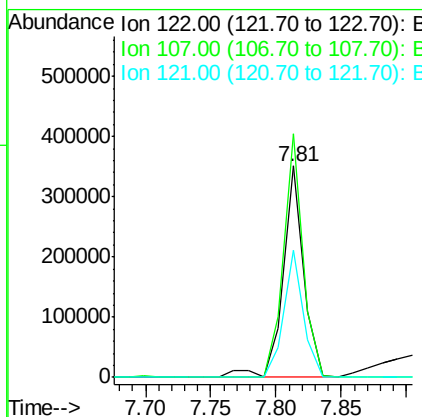
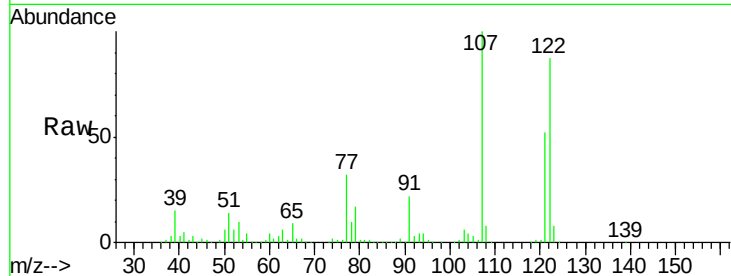
#27
2,4-Dimethylphenol
Concen: 40.53 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.02 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :
PB96964BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	389414		
107	115.3	94.1	141.1	
121	60.0	46.0	69.0	

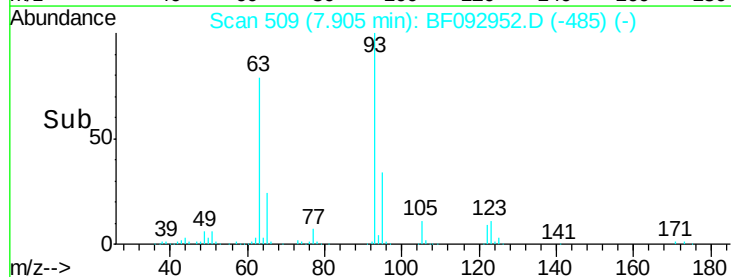
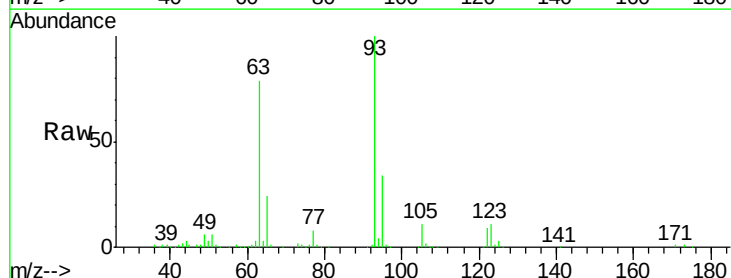
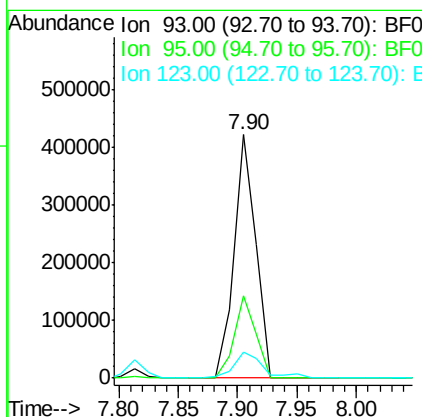
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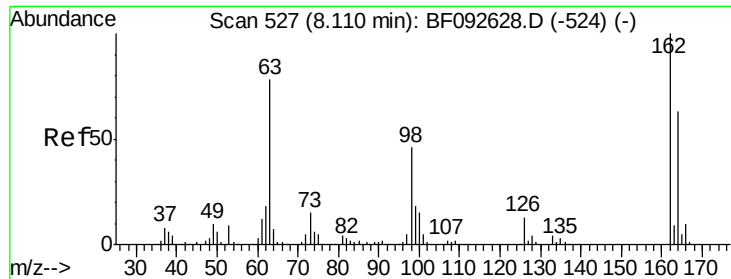
mohammad
2/16/2017 11:40:07 AM



#28
bis(2-Chloroethoxy)methane
Concen: 38.54 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	533190		
95	33.6	26.5	39.7	
123	10.7	8.6	13.0	





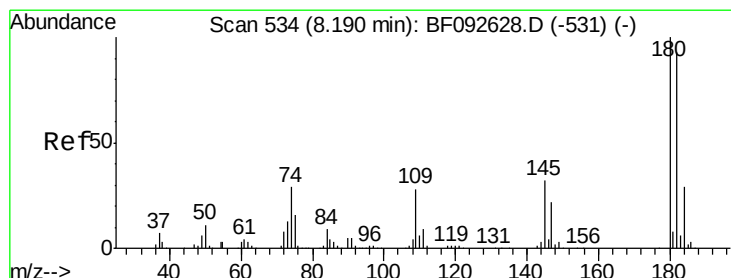
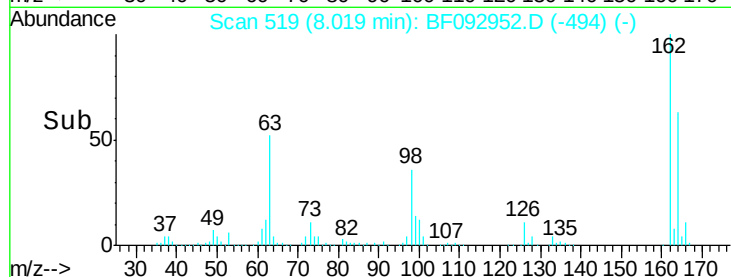
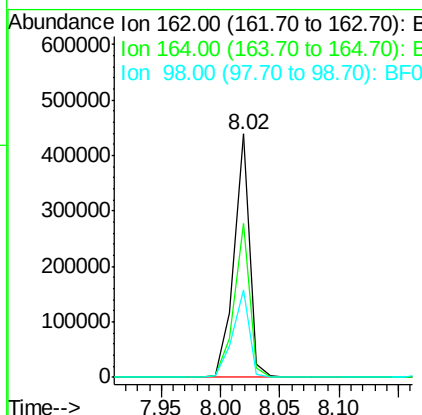
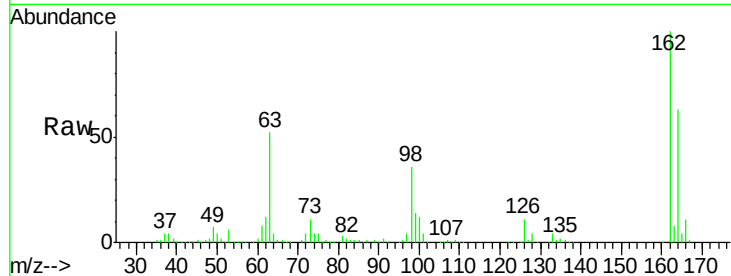
#29
 2,4-Dichlorophenol
 Concen: 44.96 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB96964BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.1	46.8	86.8
98	36.0	9.1	49.1

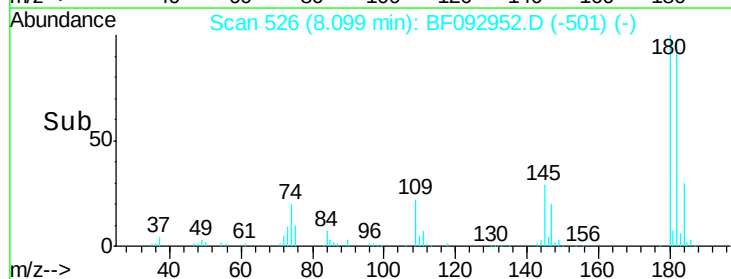
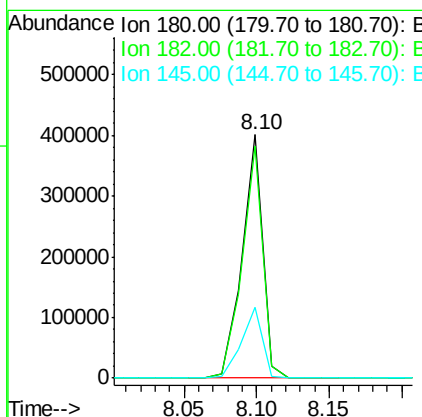
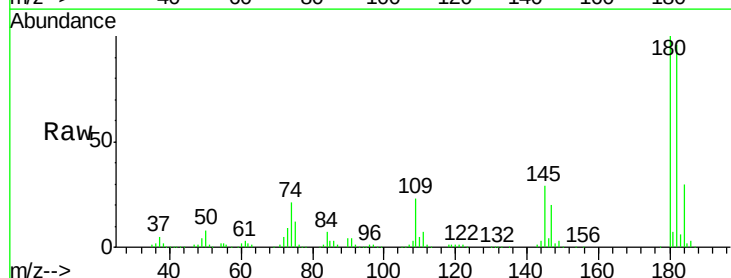
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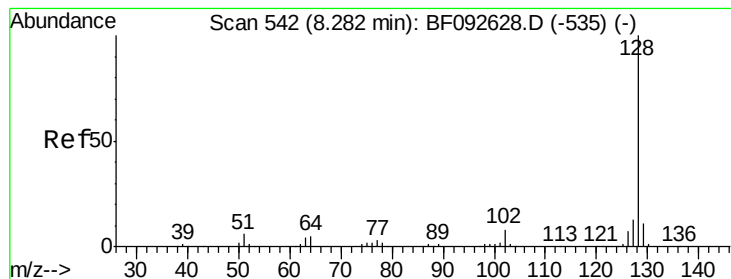
mohammad
 2/16/2017 11:40:07 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.70 ng
 RT: 8.10 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.5	78.2	117.4
145	29.3	21.6	32.4





#31

Naphthalene

Concen: 39.97 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Instrument :

BNA_F

ClientSampleId :

PB96964BS

Tgt Ion:128 Resp: 1264841

Ion Ratio Lower Upper

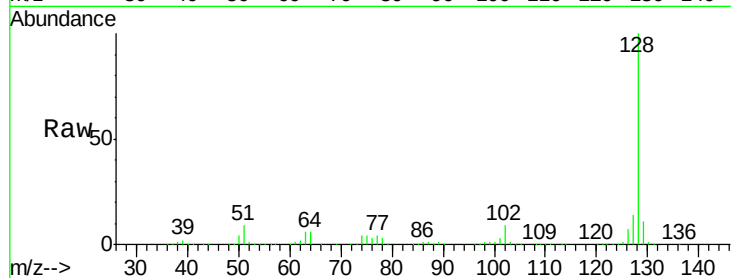
128 100

129 11.2 9.5 14.3

127 13.6 10.8 16.2

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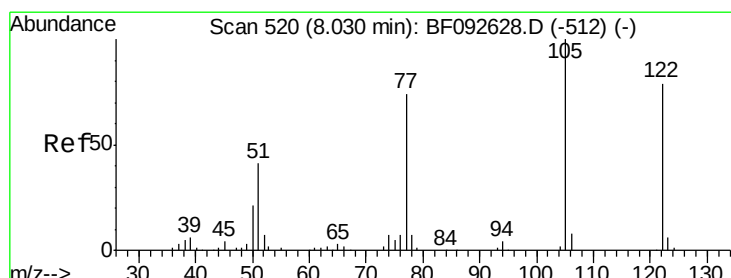
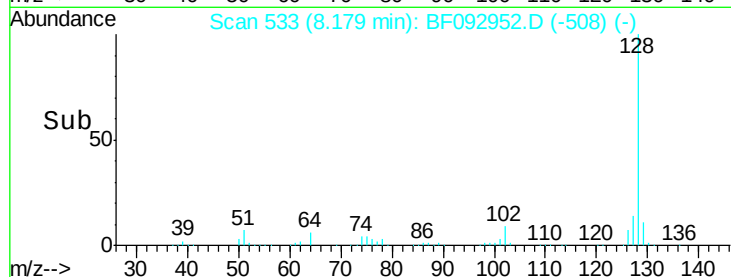
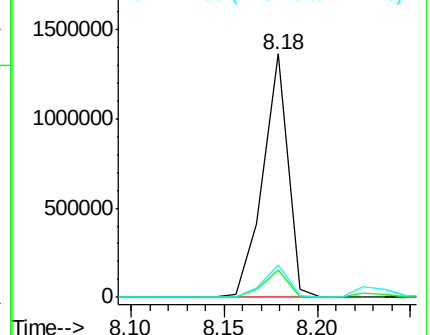
mohammad
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 50.80 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

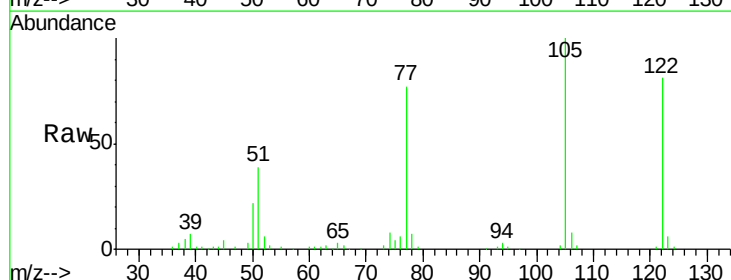
Tgt Ion:122 Resp: 279231

Ion Ratio Lower Upper

122 100

105 123.1 107.2 147.2

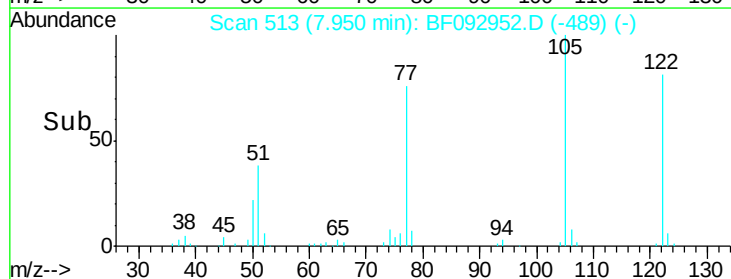
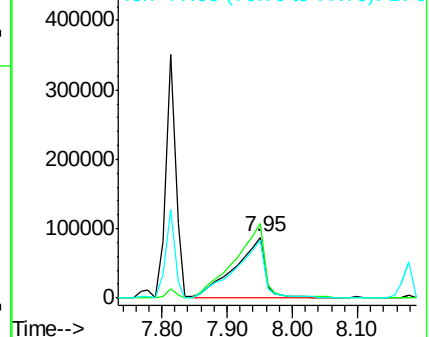
77 94.9 74.5 114.5

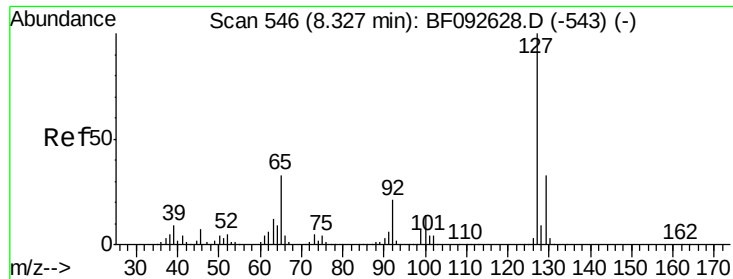


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





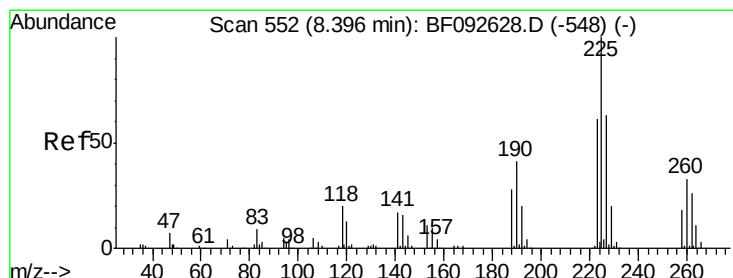
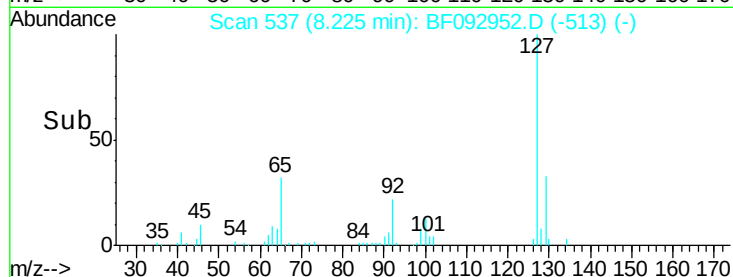
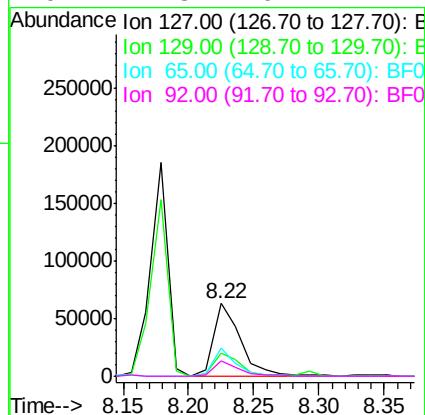
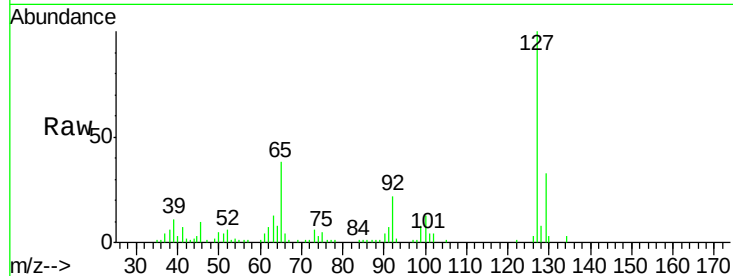
#33
4-Chloroaniline
Concen: 7.19 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :
PB96964BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	89278		
129	32.6	26.3	39.5	
65	38.1	25.8	38.8	
92	21.8	16.1	24.1	

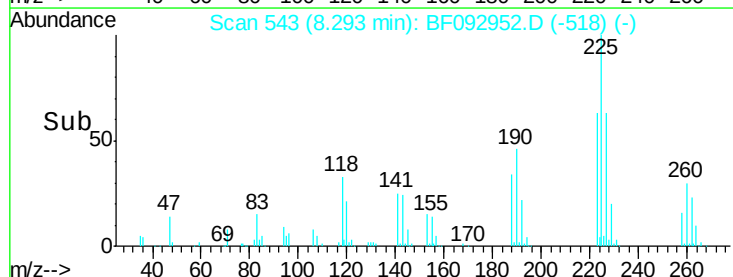
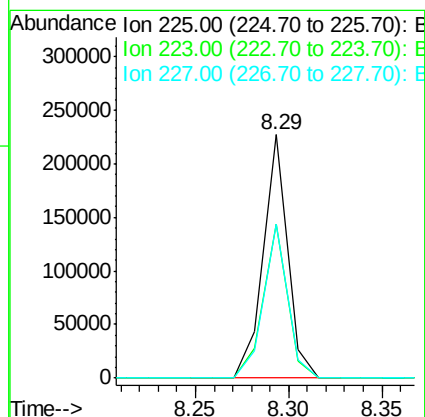
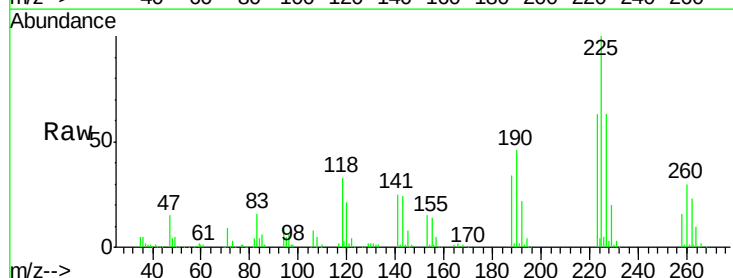
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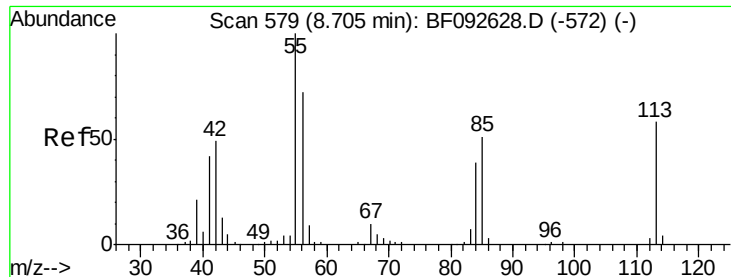
mohammad
2/16/2017 11:40:07 AM



#34
Hexachlorobutadiene
Concen: 38.49 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	204513		
223	63.2	51.0	76.6	
227	63.1	50.6	76.0	





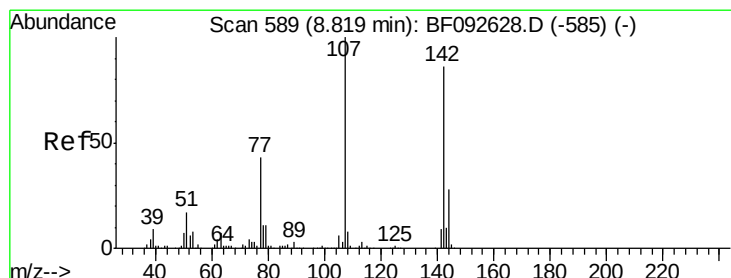
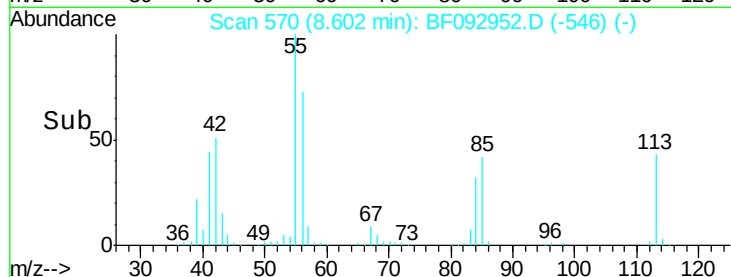
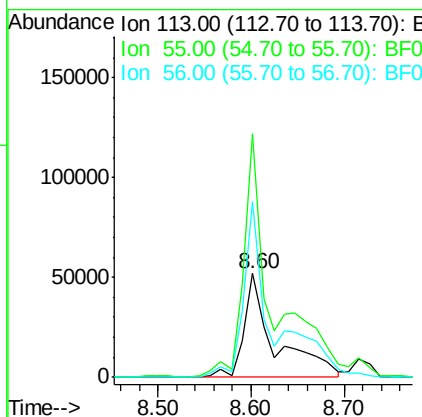
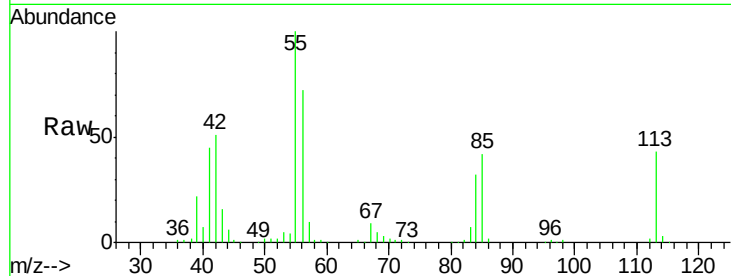
#35
 Caprolactam
 Concen: 42.51 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.02 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB96964BS

Tgt Ion:113 Resp: 119842
 Ion Ratio Lower Upper
 113 100
 55 234.0 119.2 159.2#
 56 169.1 83.8 123.8#

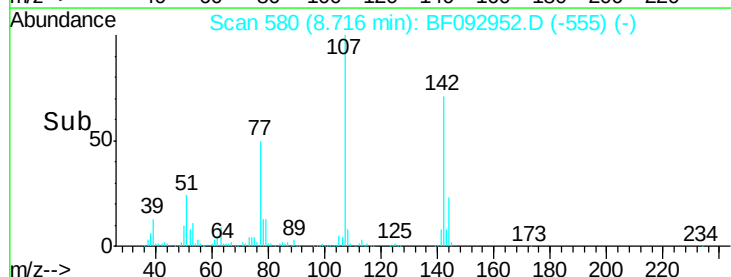
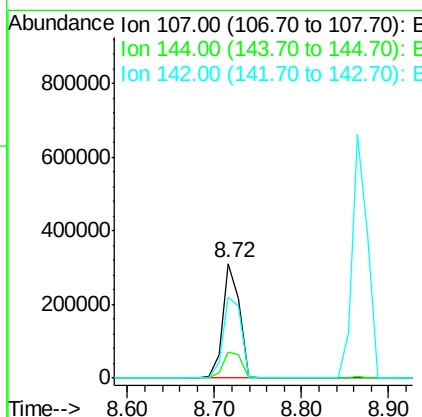
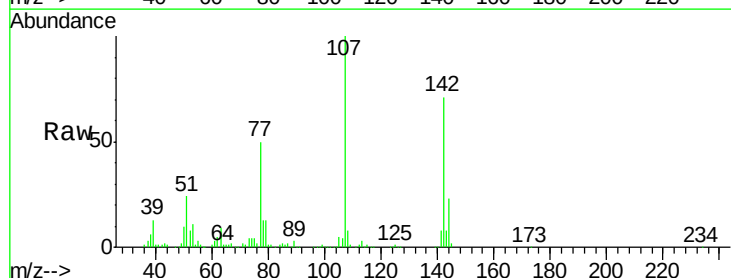
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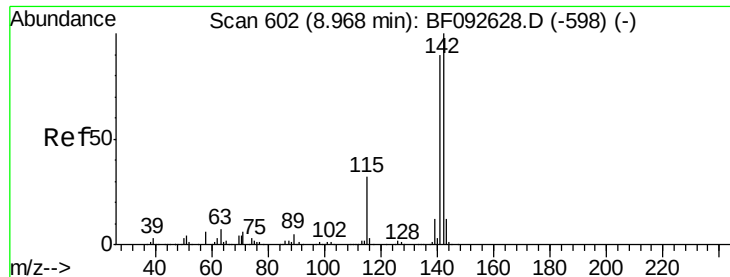
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 44.20 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Tgt Ion:107 Resp: 412932
 Ion Ratio Lower Upper
 107 100
 144 22.8 19.3 28.9
 142 71.3 59.0 88.6





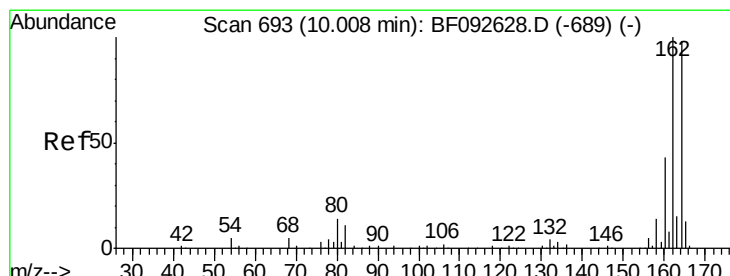
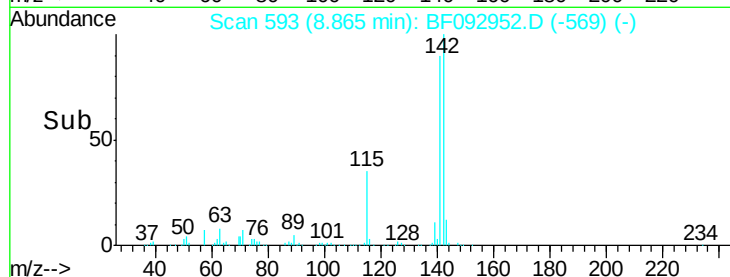
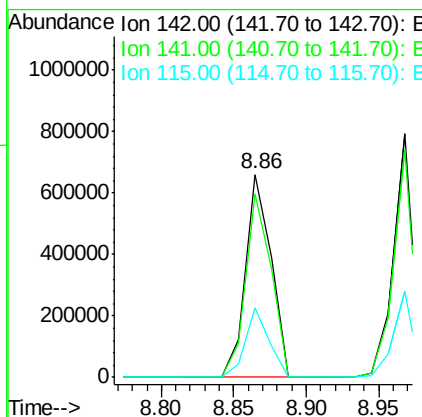
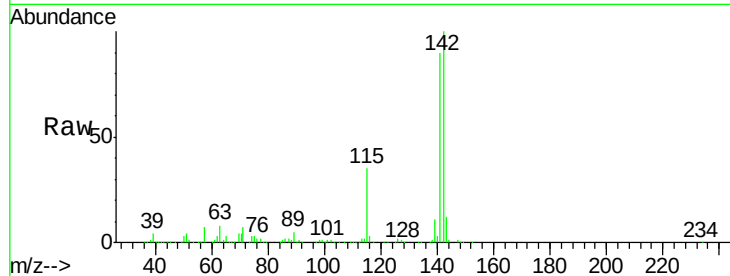
#37
 2-Methylnaphthalene
 Concen: 39.79 ng
 RT: 8.86 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB96964BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.0	106.6
115	34.5	28.3	42.5

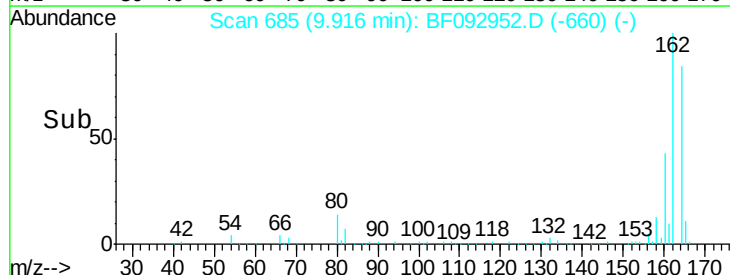
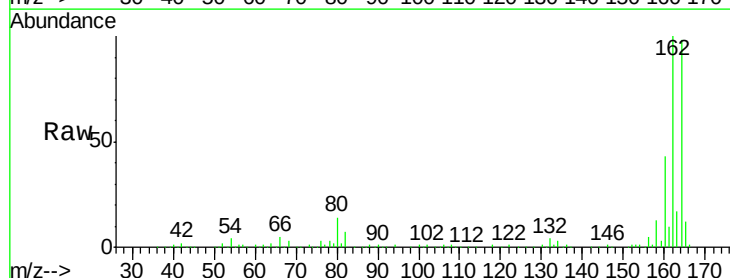
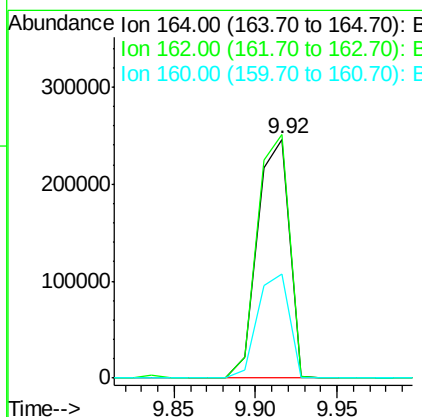
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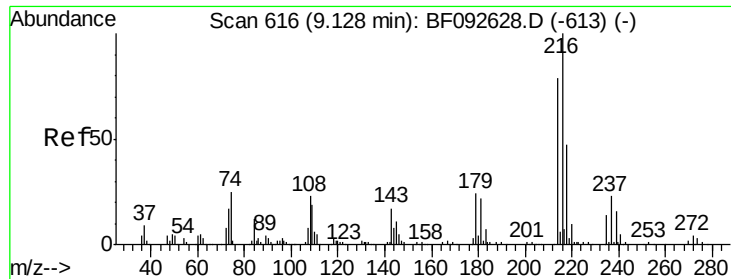
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.2	120.2
160	43.3	36.9	55.3





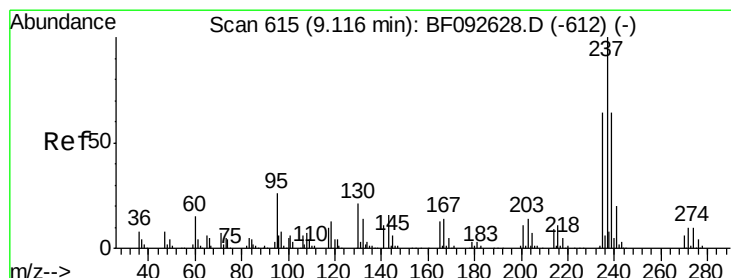
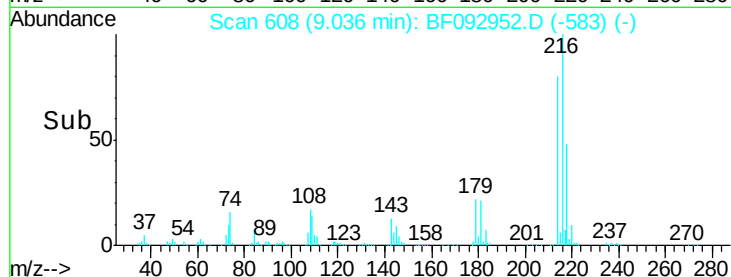
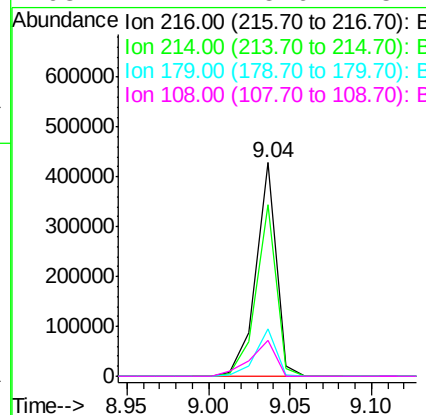
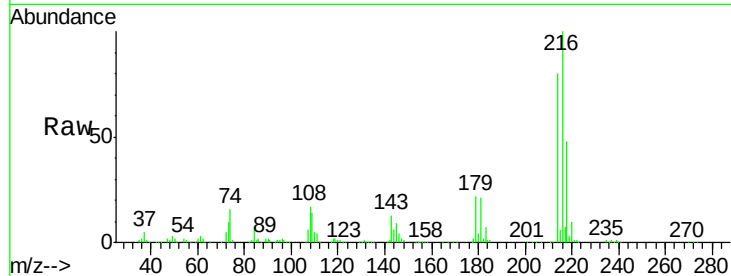
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.98 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB96964BS

Tgt Ion:	216	Resp:	374492
Ion Ratio	Lower	Upper	
216	100		
214	80.2	63.4	95.0
179	22.1	17.4	26.2
108	21.2	15.6	23.4

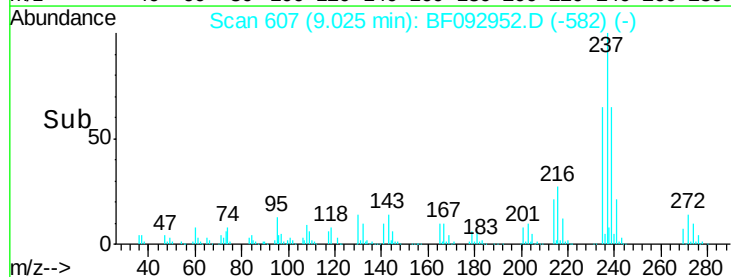
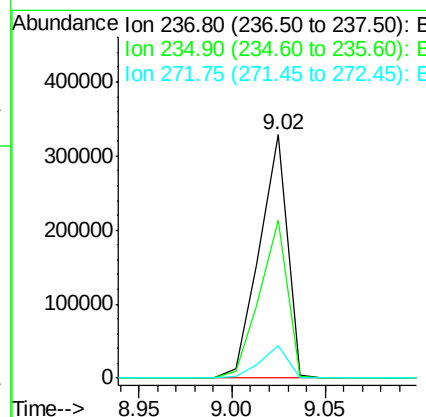
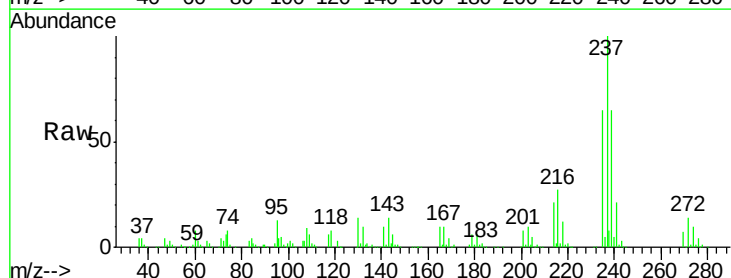
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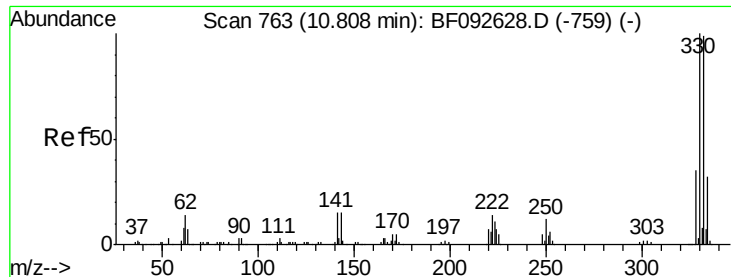
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 81.01 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Tgt Ion:	237	Resp:	342420
Ion Ratio	Lower	Upper	
237	100		
235	64.9	41.2	81.2
272	13.5	0.0	35.4





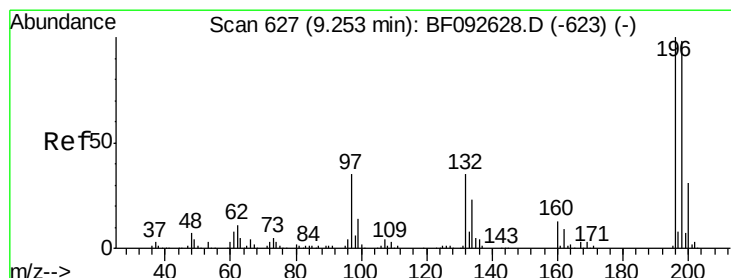
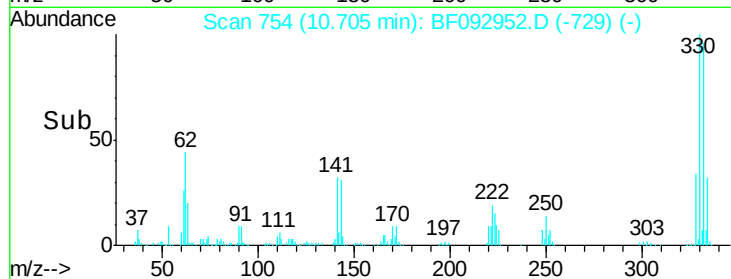
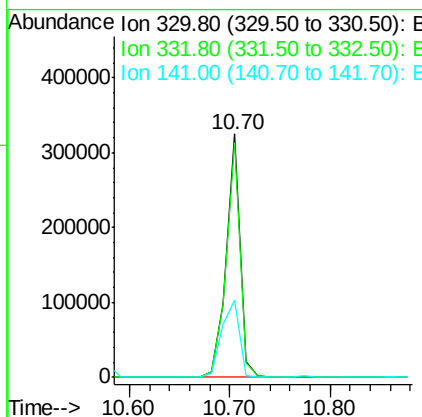
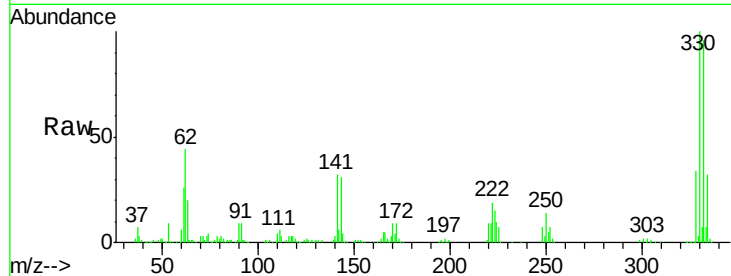
#41
 2,4,6-Tribromophenol
 Concen: 130.33 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB96964BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	314576		
332	96.5	77.4	116.2	
141	40.3	34.1	51.1	

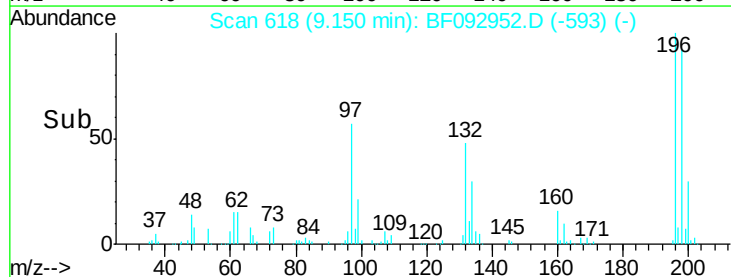
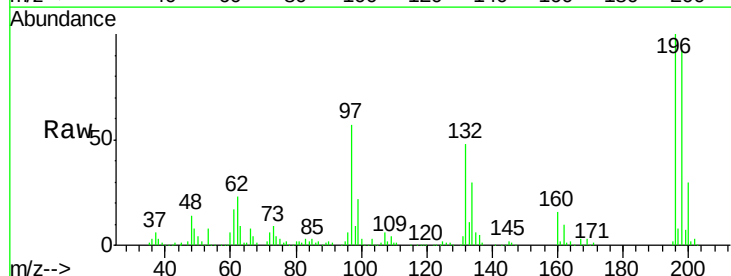
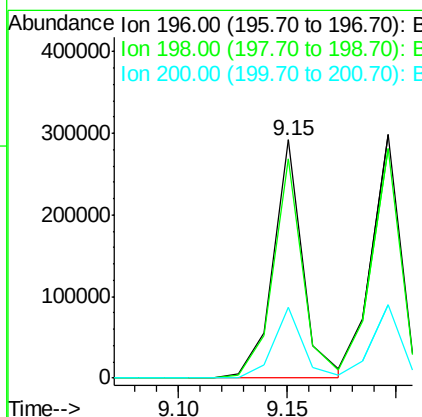
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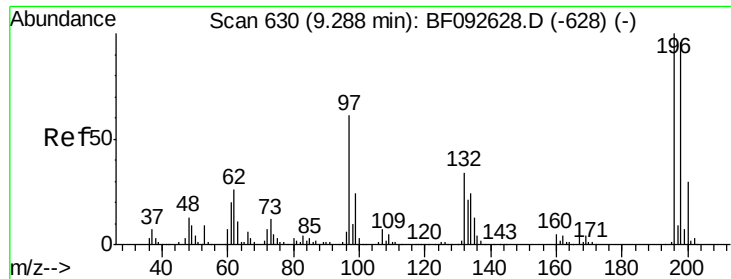
mohammad
 2/16/2017 11:40:07 AM



#42
 2,4,6-Trichlorophenol
 Concen: 44.91 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	276425		
198	92.1	82.1	123.1	
200	29.9	27.0	40.4	





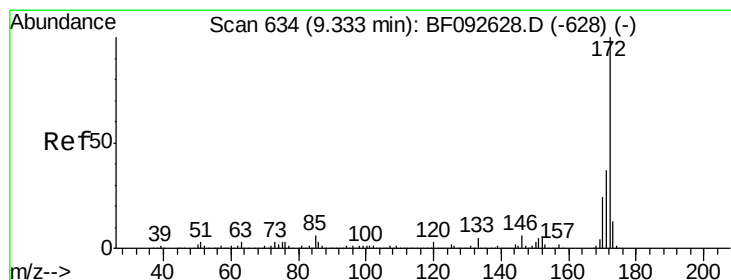
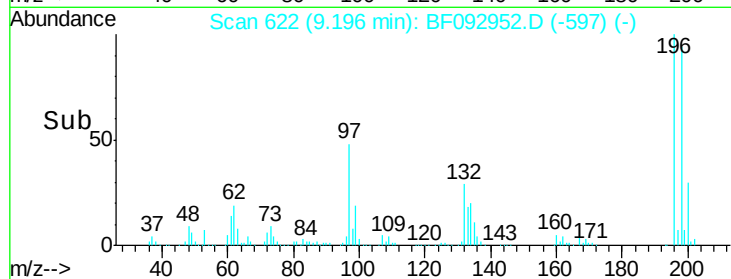
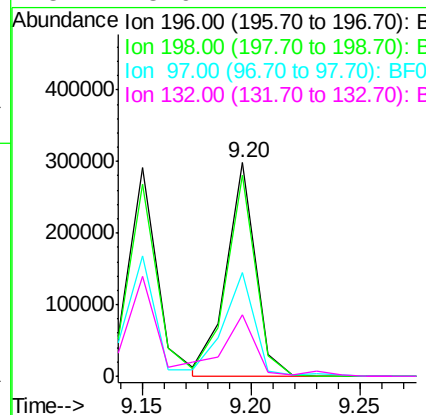
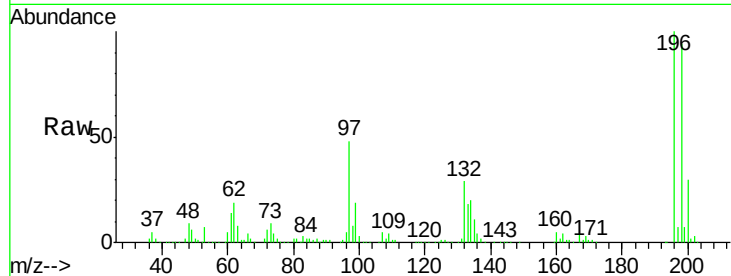
#43
 2,4,5-Trichlorophenol
 Concen: 40.87 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB96964BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	275682		
198	94.3	79.4	119.2	
97	48.5	51.5	77.3#	
132	28.9	27.4	41.2	

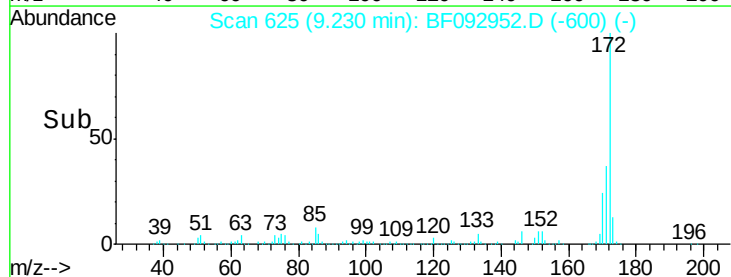
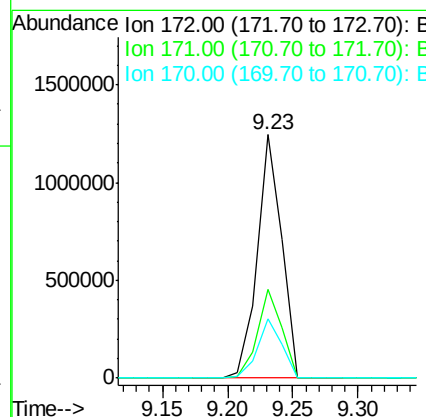
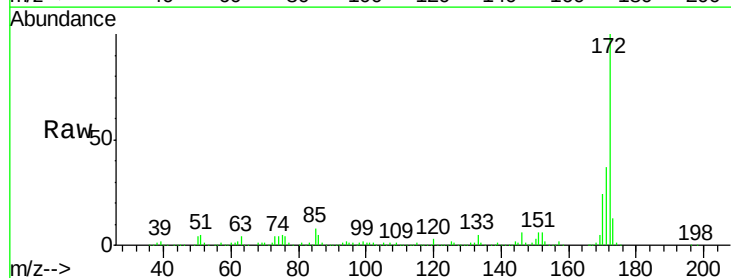
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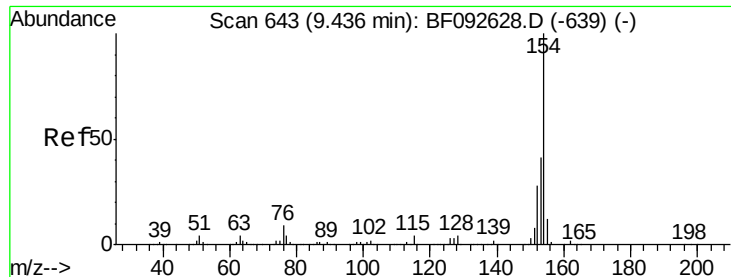
mohammad
 2/16/2017 11:40:07 AM



#44
 2-Fluorobiphenyl
 Concen: 87.68 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1615132		
171	36.6	29.4	44.0	
170	24.2	20.2	30.4	





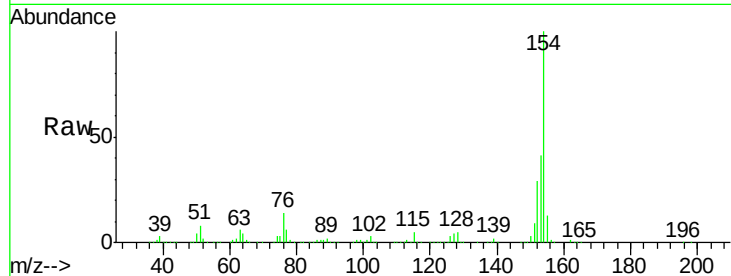
#45
 1,1'-Biphenyl
 Concen: 40.58 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Instrument :
 BNA_F
 ClientSampled :
 PB96964BS

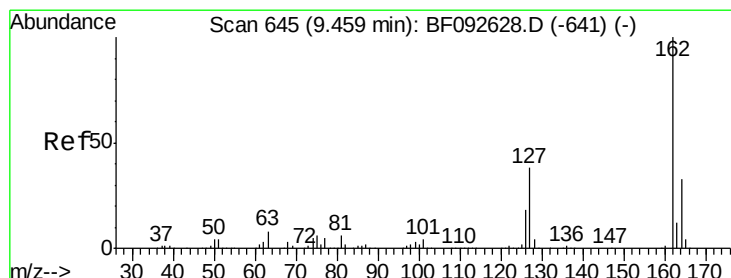
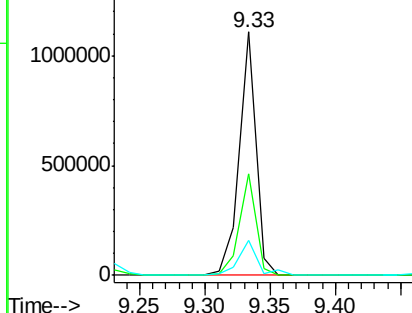
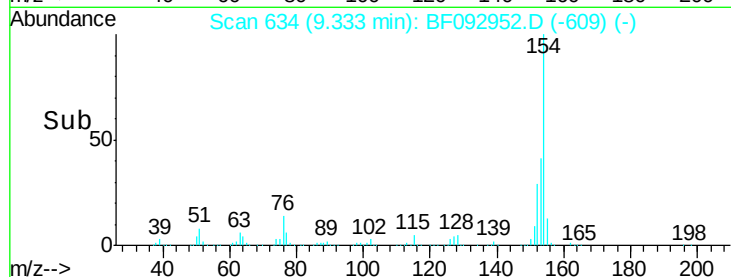
Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.5	20.9	60.9	
76	14.3	0.0	30.5	

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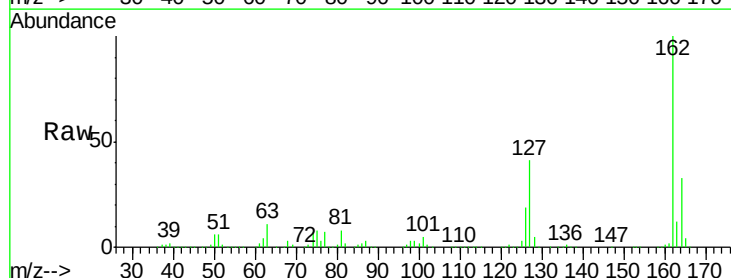


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

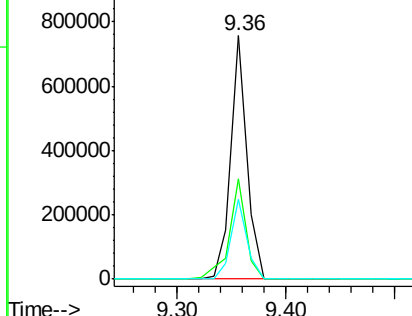
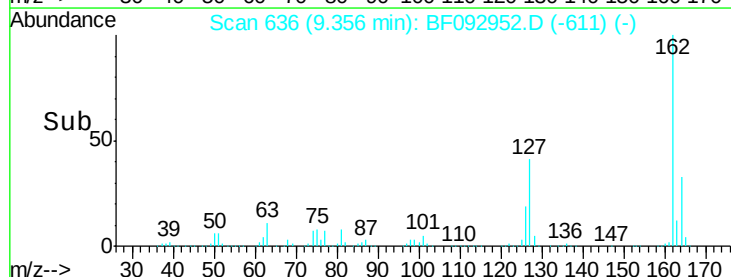


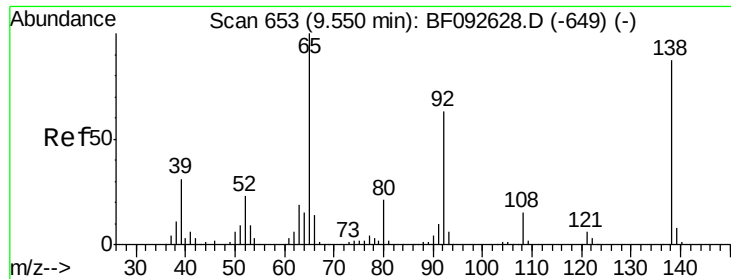
#46
 2-Chloronaphthalene
 Concen: 40.69 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.4	30.7	46.1	
164	32.8	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





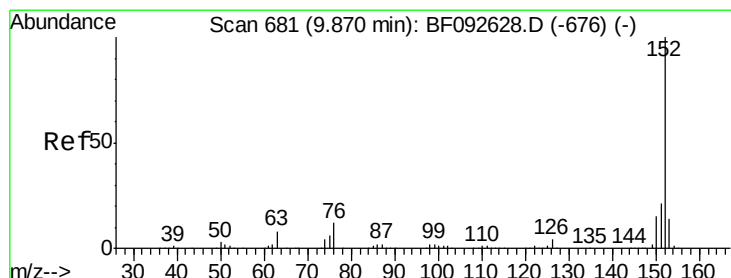
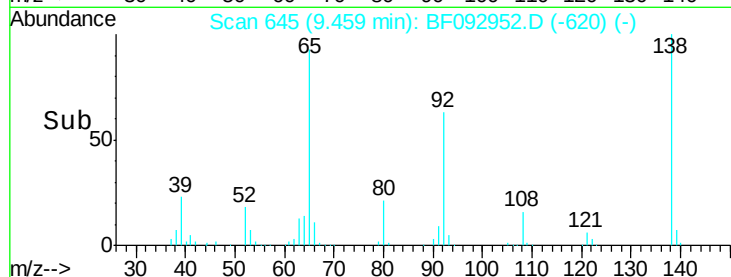
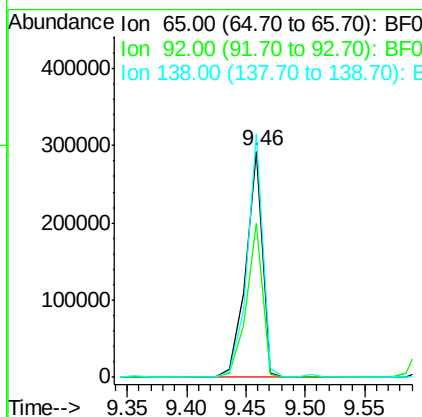
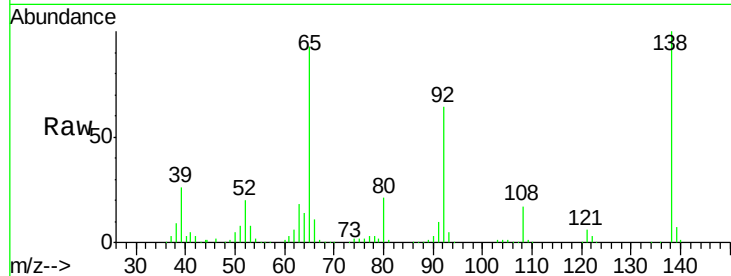
#47
2-Nitroaniline
Concen: 45.09 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :
PB96964BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.5	53.9	80.9
138	107.9	76.8	115.2

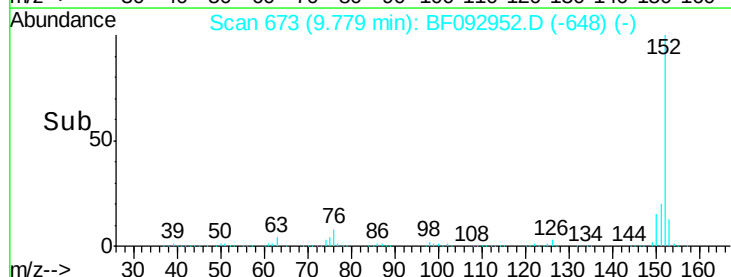
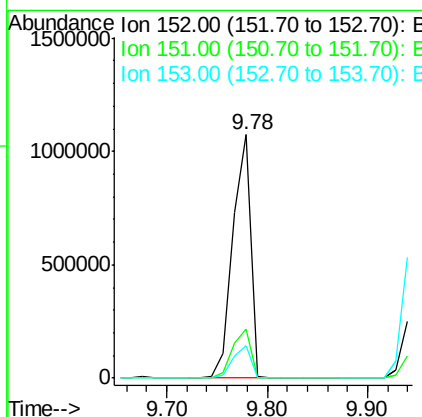
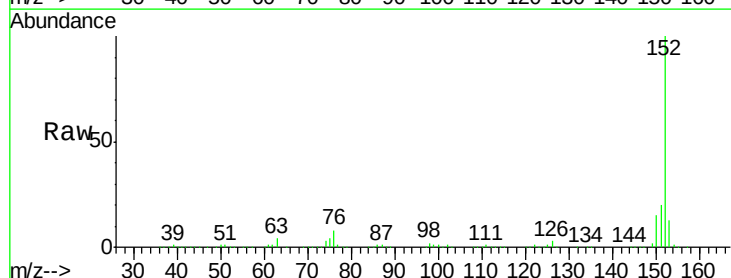
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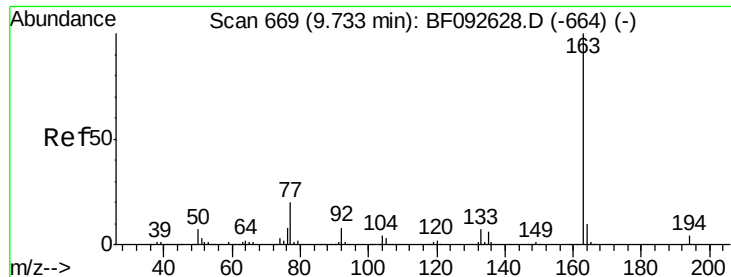
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#48
Acenaphthylene
Concen: 40.59 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.9	25.3
153	13.4	11.4	17.2





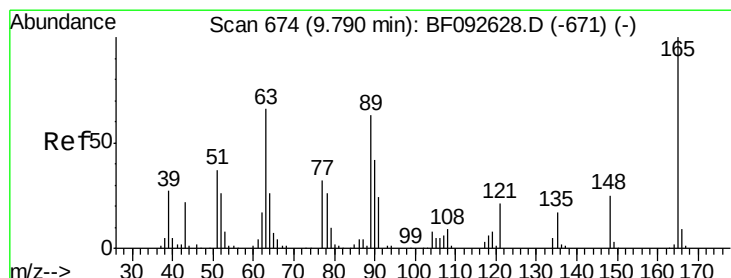
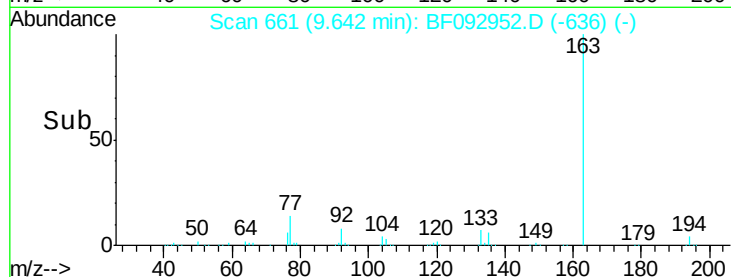
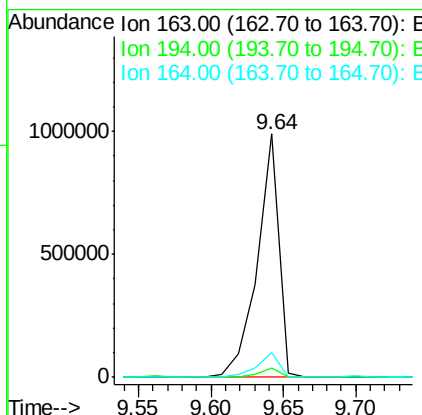
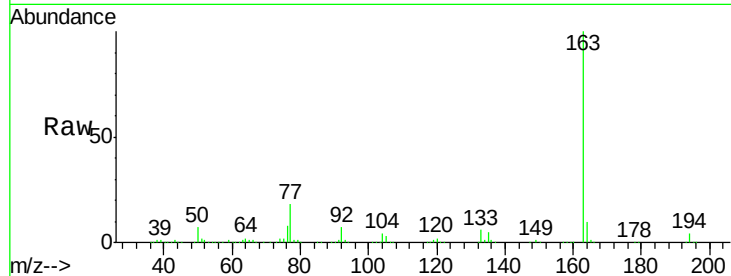
#49
Dimethylphthalate
Concen: 45.35 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :
PB96964BS

Tgt Ion:163 Resp: 1019360
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.1 8.0 12.0

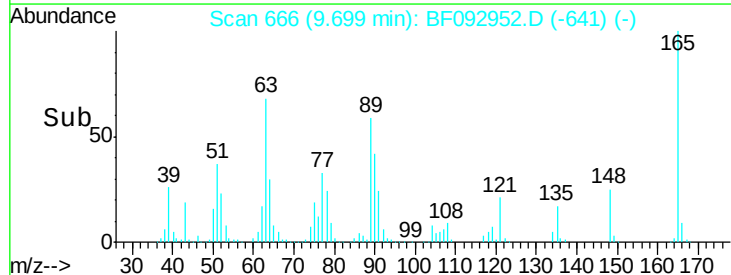
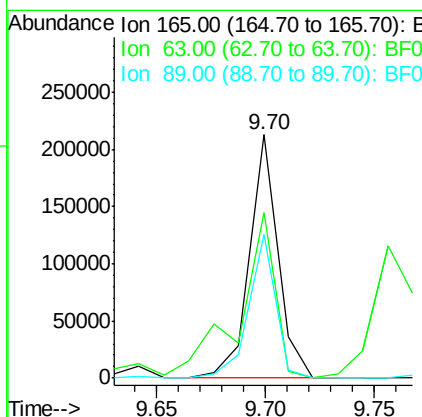
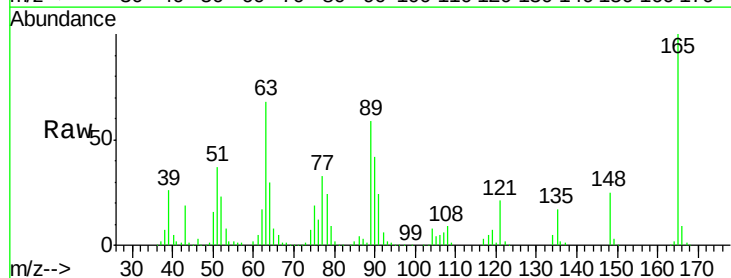
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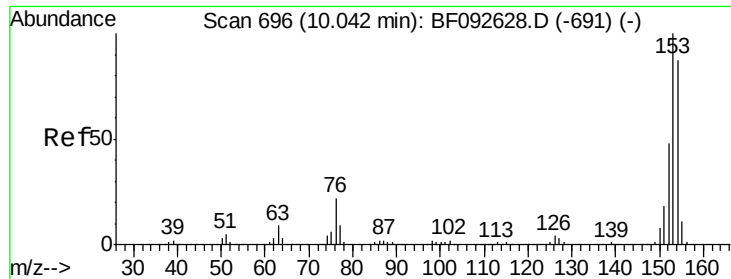
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#50
2,6-Dinitrotoluene
Concen: 39.96 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion:165 Resp: 193991
Ion Ratio Lower Upper
165 100
63 67.9 36.2 54.4#
89 59.1 40.2 60.4





#51

Acenaphthene

Concen: 44.36 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF092952.D

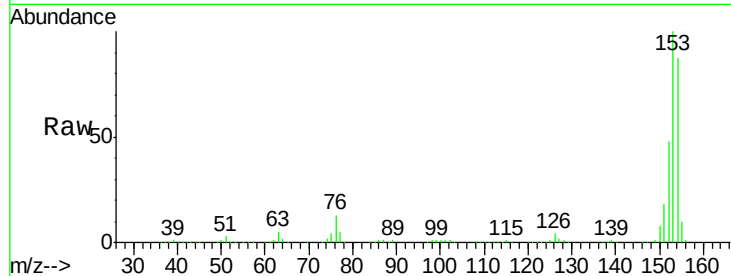
Acq: 15 Feb 2017 15:51

Instrument :

BNA_F

ClientSampleId :

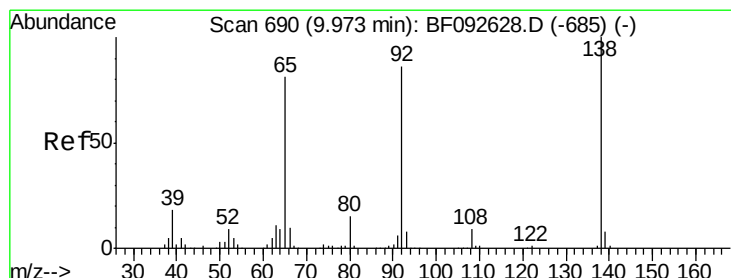
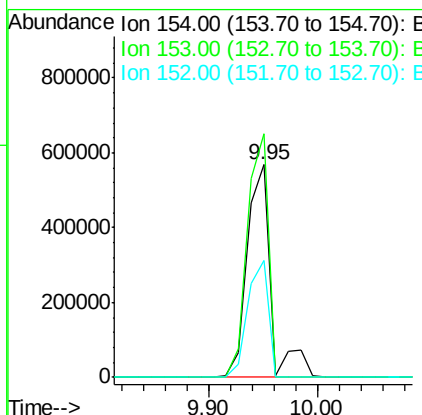
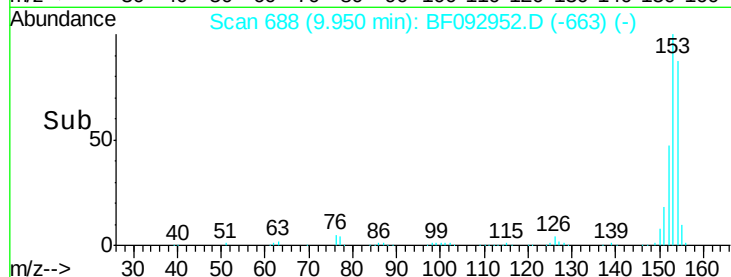
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Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.6	88.6	133.0
152	54.8	41.6	62.4

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#52

3-Nitroaniline

Concen: 15.02 ng

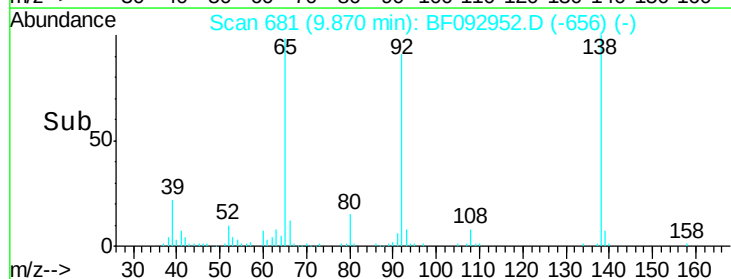
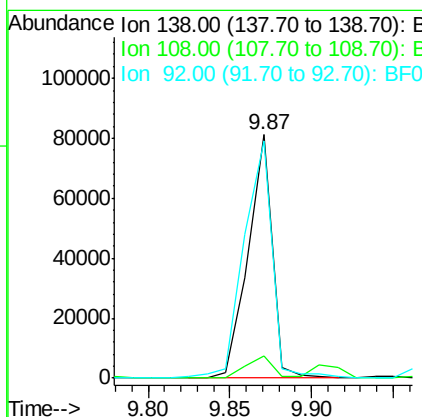
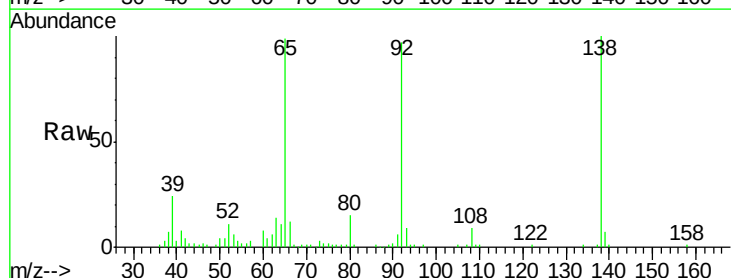
RT: 9.87 min Scan# 681

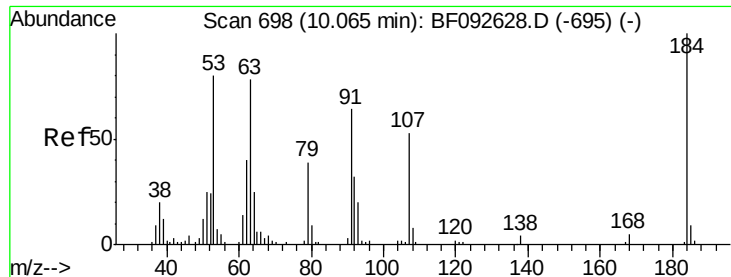
Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

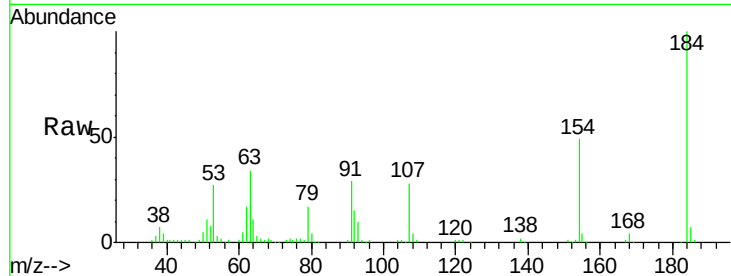
Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.1	8.5	12.7
92	97.3	97.8	146.8#





#53
2,4-Dinitrophenol
Concen: 79.15 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

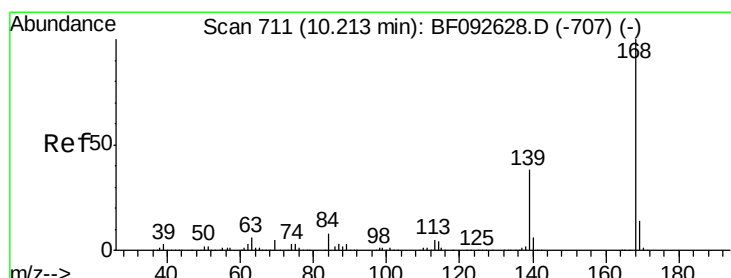
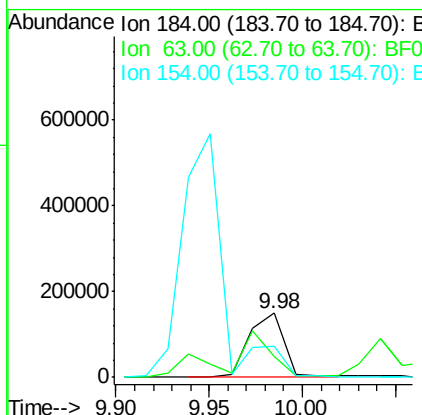
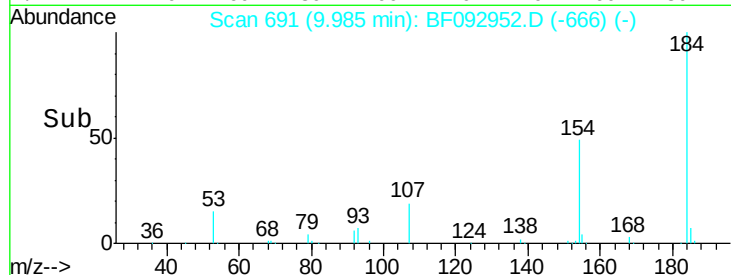
Instrument :
BNA_F
ClientSampleId :
PB96964BS



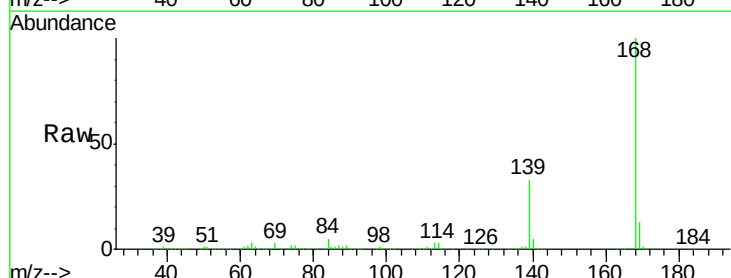
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	195324		
63	33.7	28.4	42.6	
154	49.4	44.3	66.5	

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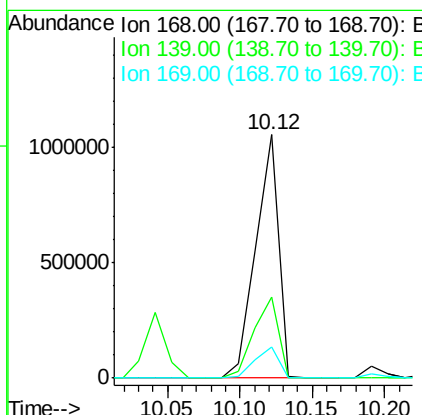
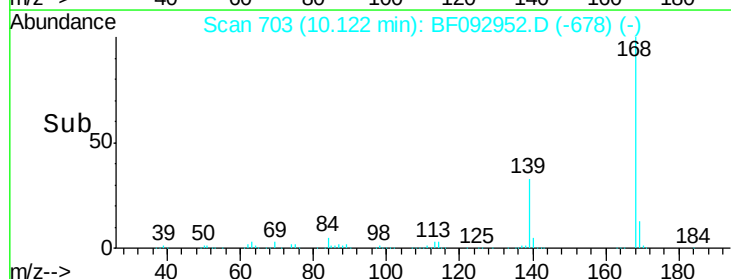
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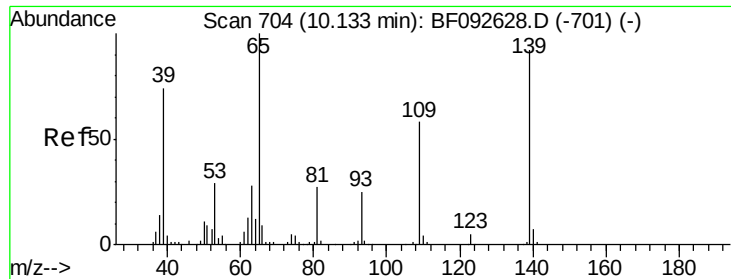


#54
Dibenzofuran
Concen: 44.12 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51



Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1152317		
139	33.3	32.6	49.0	
169	12.9	11.3	16.9	





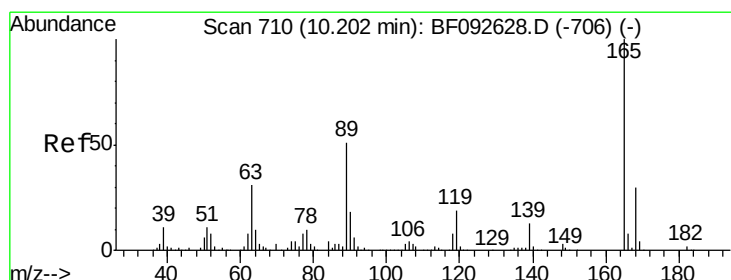
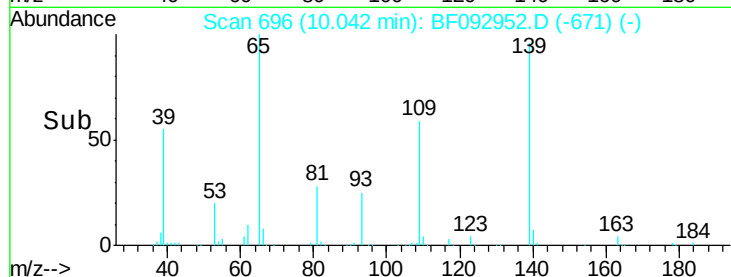
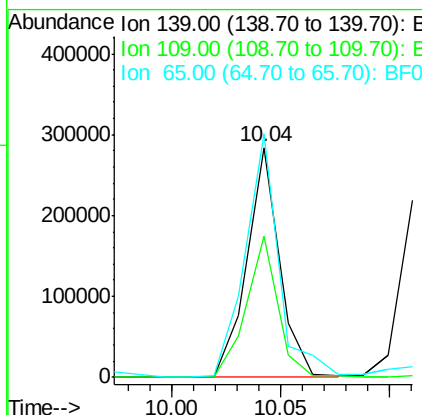
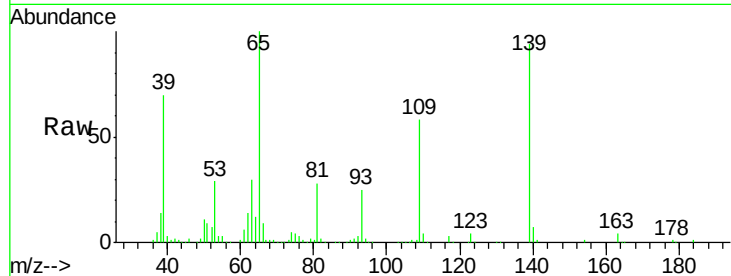
#55
4-Nitrophenol
Concen: 74.68 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :
PB96964BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	298833		
109	61.6	52.2	92.2	
65	106.0	85.8	125.8	

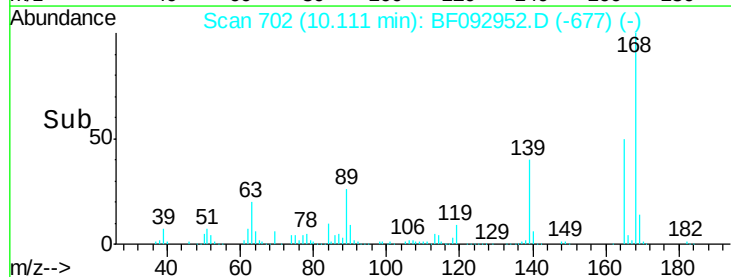
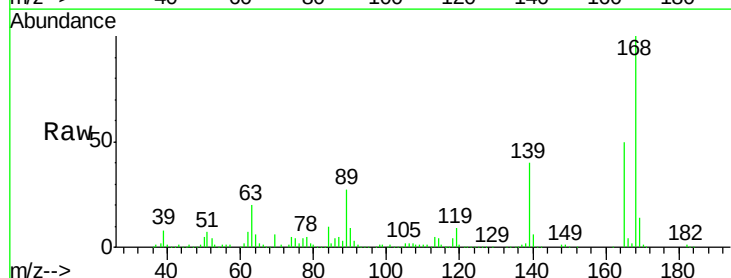
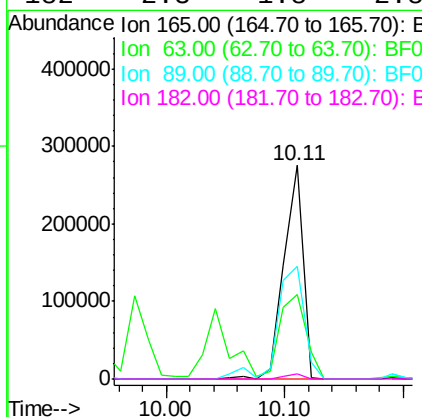
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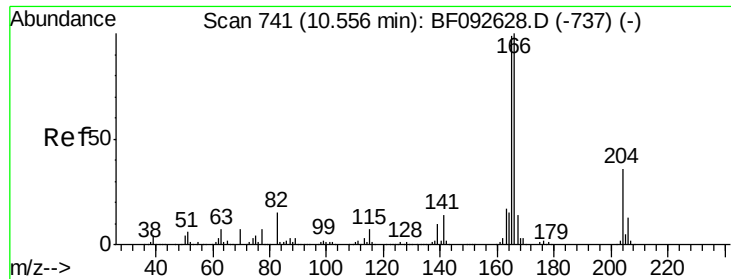
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#56
2,4-Dinitrotoluene
Concen: 47.15 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	304737		
63	39.8	40.2	60.4#	
89	52.9	62.5	93.7#	
182	2.3	1.8	2.8	





#57

Fluorene

Concen: 42.19 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Instrument :

BNA_F

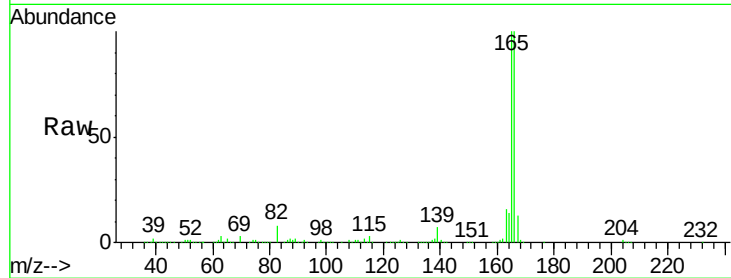
ClientSampleId :

PB96964BS

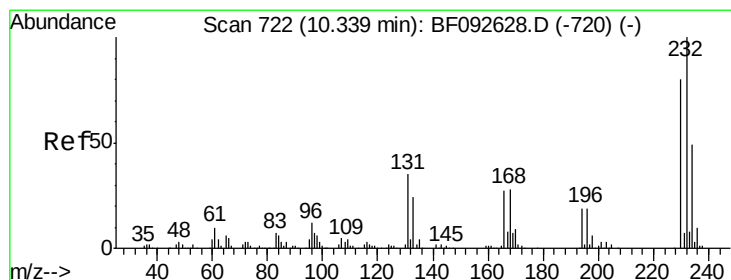
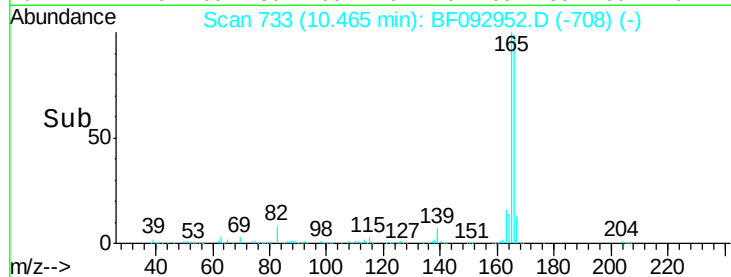
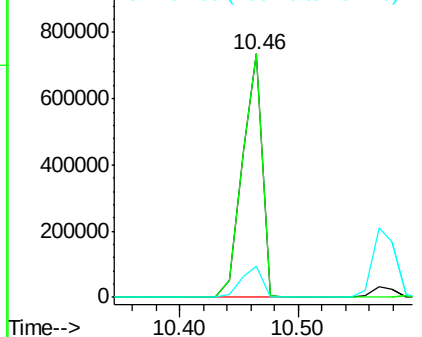
Tgt Ion:	166	Resp:	847659
Ion Ratio	Lower	Upper	
166	100		
165	100.2	77.8	116.8
167	12.8	10.8	16.2

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.81 ng

RT: 10.24 min Scan# 713

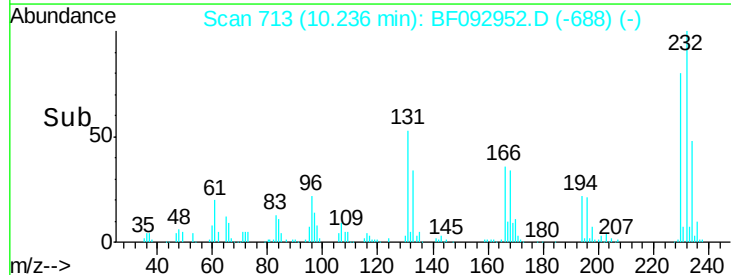
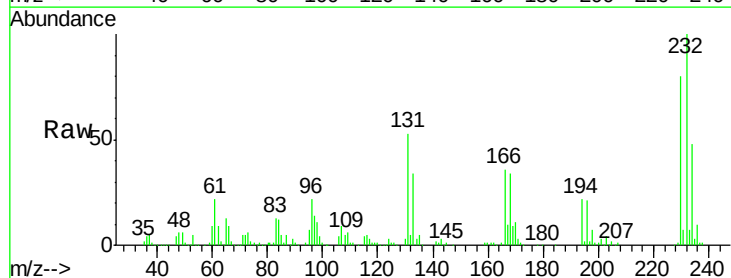
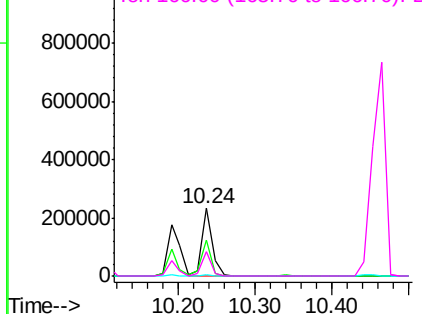
Delta R.T. -0.01 min

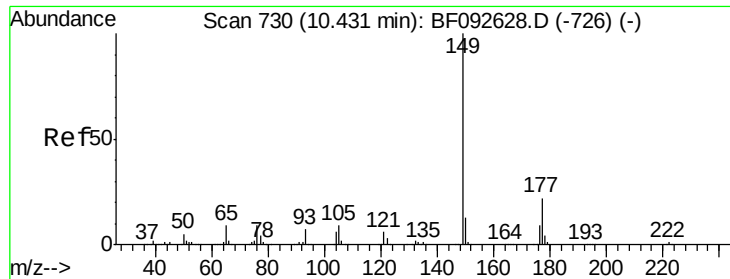
Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Tgt Ion:	232	Resp:	215110
Ion Ratio	Lower	Upper	
232	100		
131	48.9	40.1	60.1
130	2.4	1.8	2.8
166	32.7	26.6	39.8

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





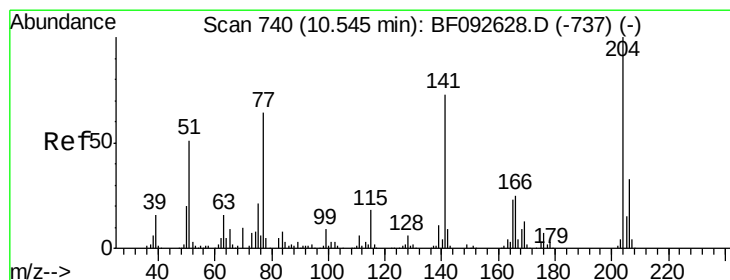
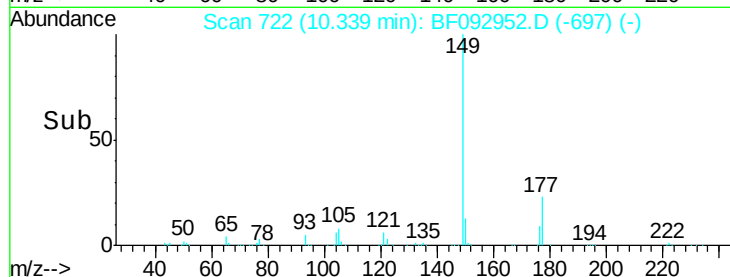
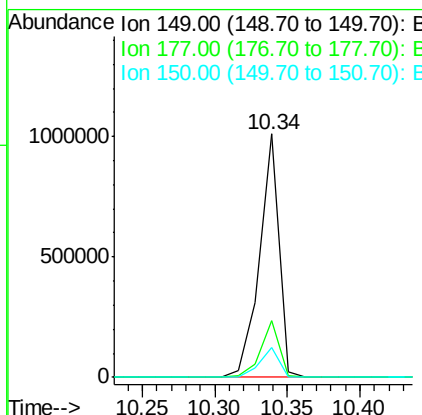
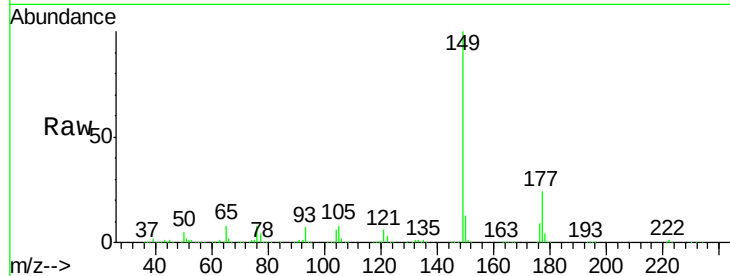
#59
Diethylphthalate
Concen: 44.59 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :
PB96964BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	944647		
177	23.5	16.6	25.0	
150	12.5	10.4	15.6	

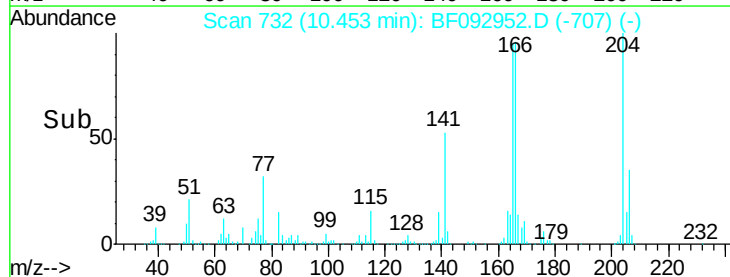
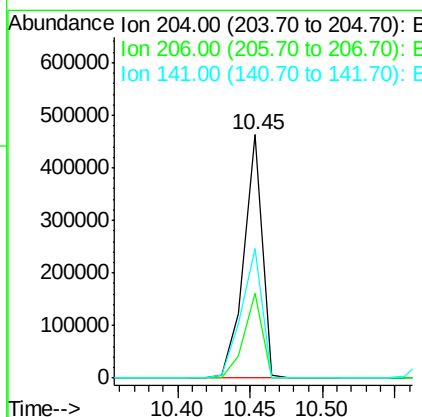
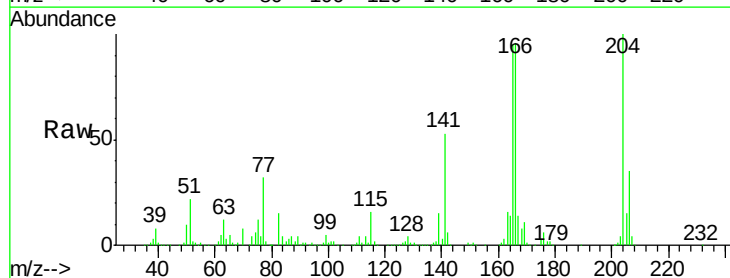
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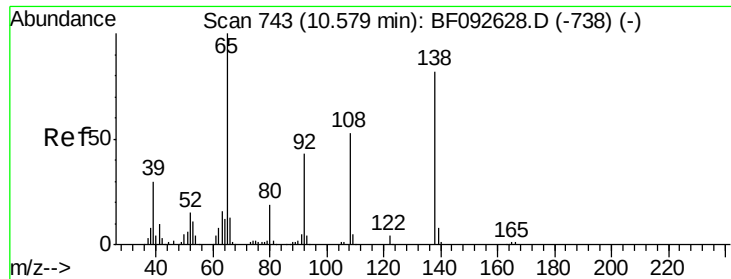
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 42.40 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	409289		
206	34.8	25.8	38.6	
141	53.3	59.4	89.0	





#61

4-Nitroaniline

Concen: 38.71 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Instrument :

BNA_F

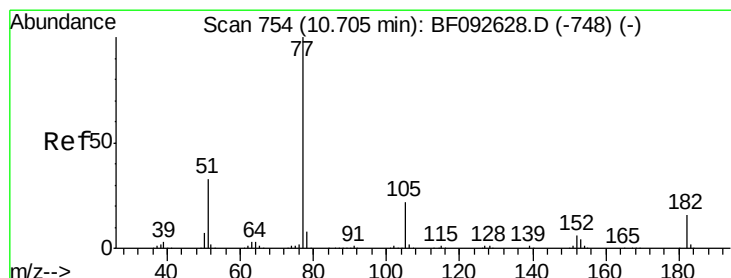
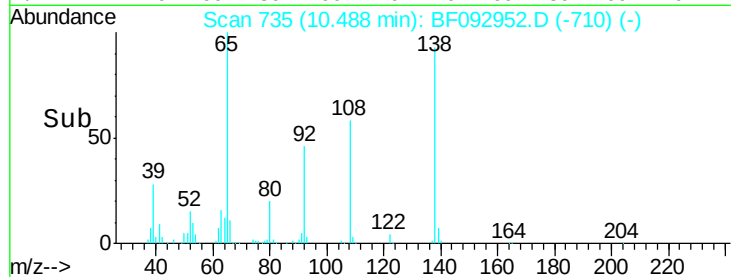
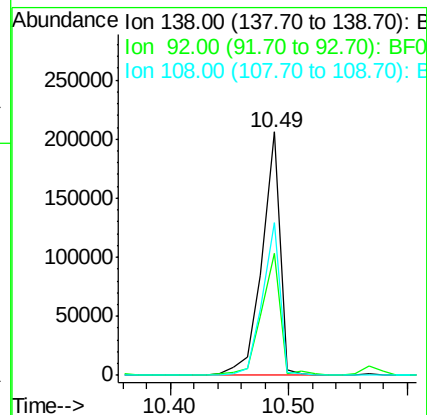
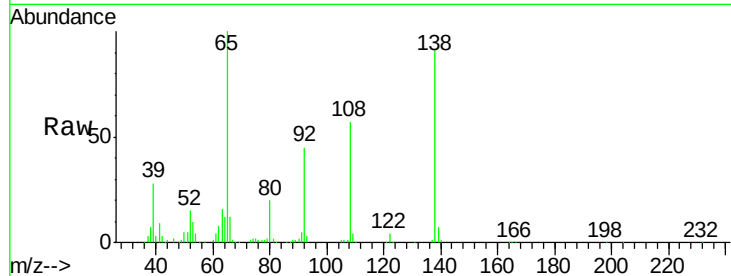
ClientSampleId :

PB96964BS

Tgt Ion:	138	Resp:	220267
Ion Ratio	Lower	Upper	
138	100		
92	49.9	31.7	71.7
108	62.8	52.6	92.6

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#62

Azobenzene

Concen: 49.08 ng

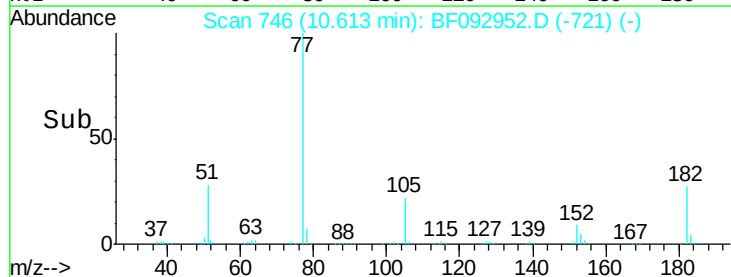
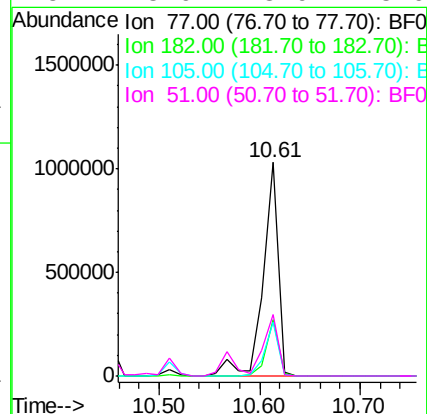
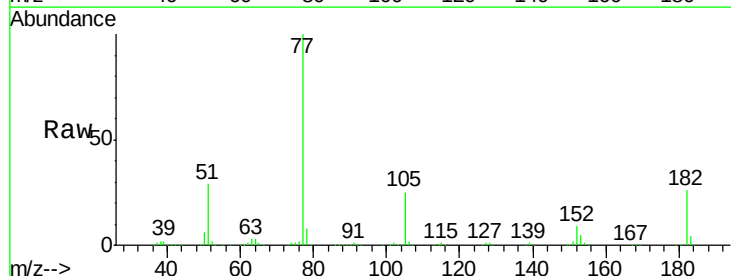
RT: 10.61 min Scan# 746

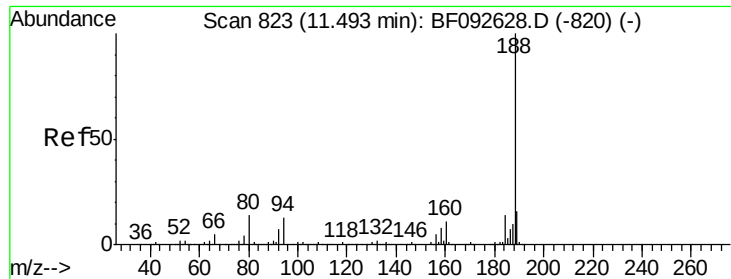
Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Tgt Ion:	77	Resp:	1074176
Ion Ratio	Lower	Upper	
77	100		
182	26.5	0.0	39.3
105	24.9	2.3	42.3
51	28.9	8.9	48.9





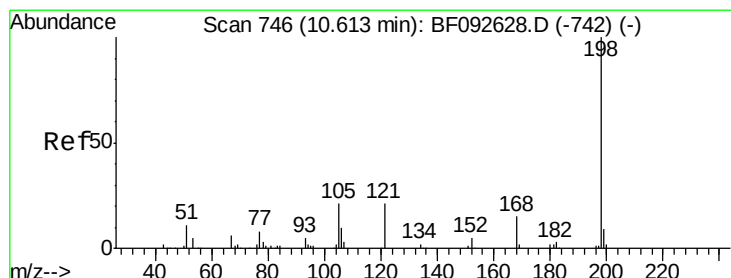
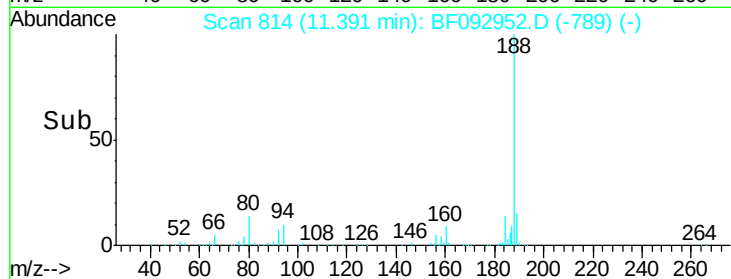
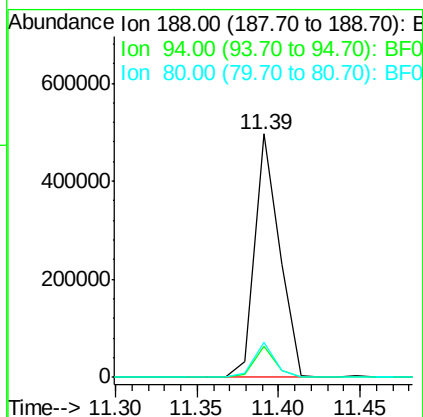
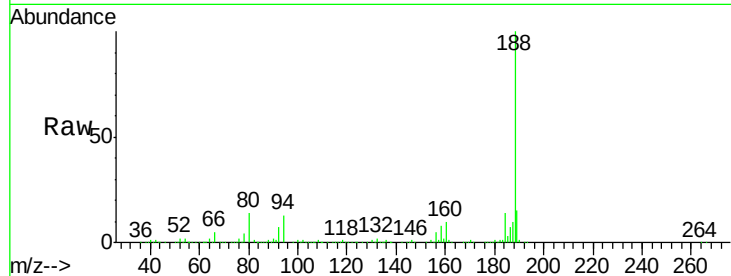
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :
PB96964BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	523628		
94	13.0	10.0	15.0	
80	14.5	11.2	16.8	

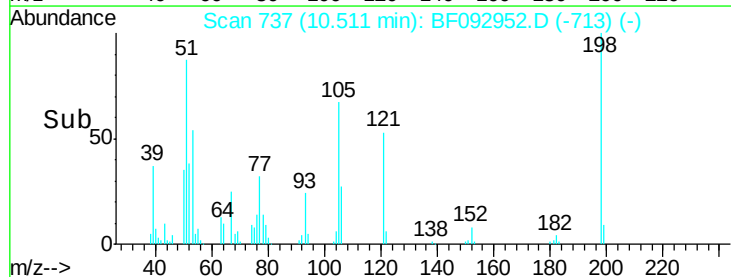
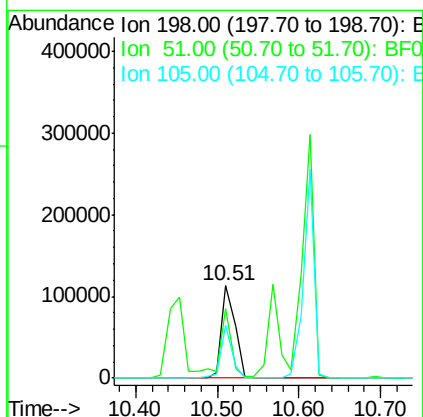
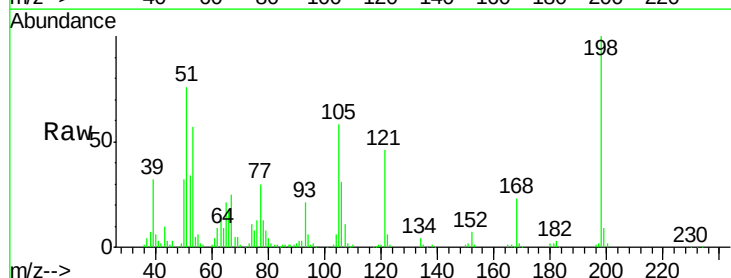
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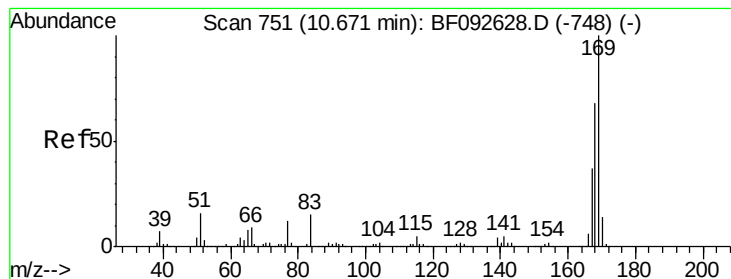
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.13 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	129809		
51	75.7	6.7	46.7#	
105	57.7	16.6	56.6#	





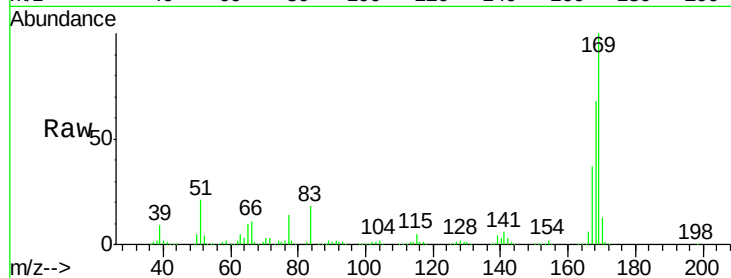
#65
 n-Nitrosodiphenylamine
 Concen: 44.08 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB96964BS

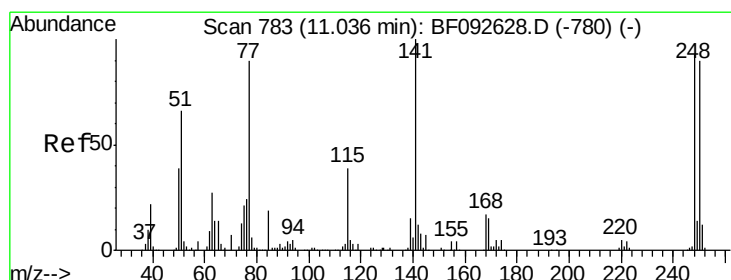
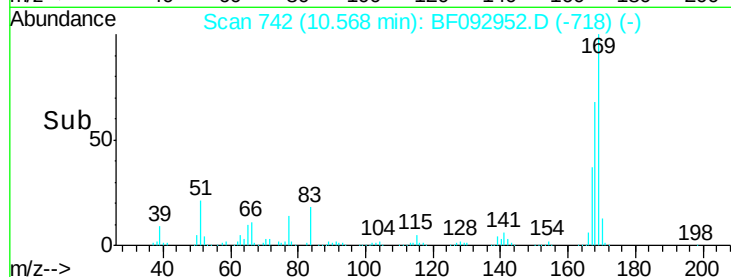
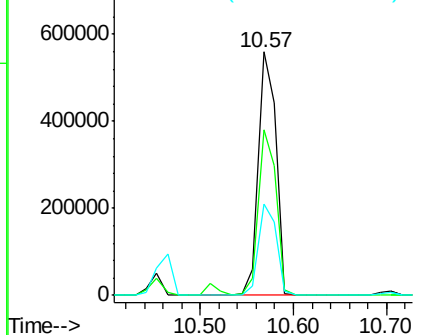
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	737357		
168	68.1	54.2	81.2	
167	37.4	30.2	45.4	

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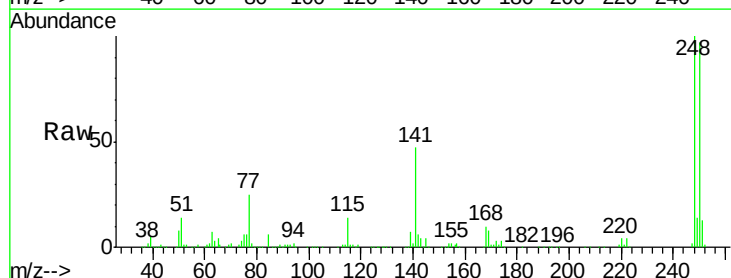


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

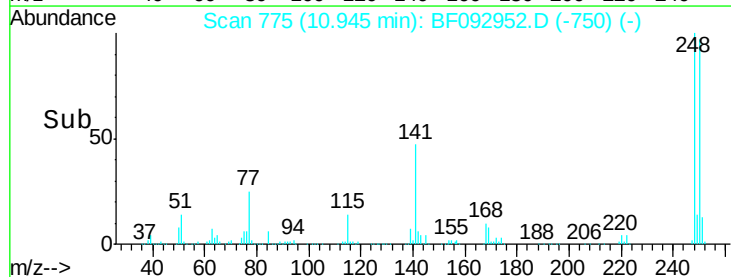
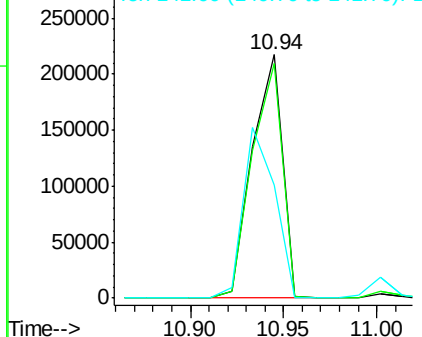


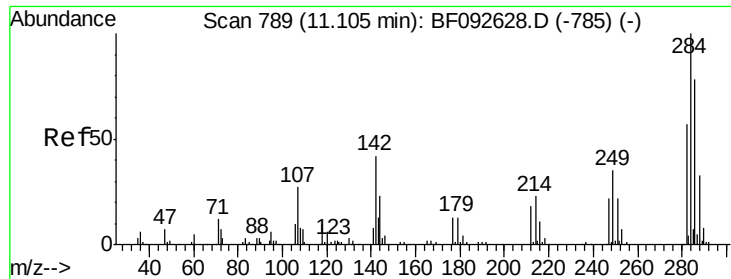
#66
 4-Bromophenyl-phenylether
 Concen: 45.26 ng
 RT: 10.94 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	247591		
250	96.6	76.9	115.3	
141	46.6	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





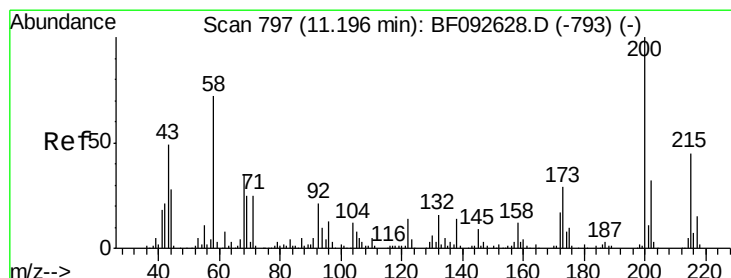
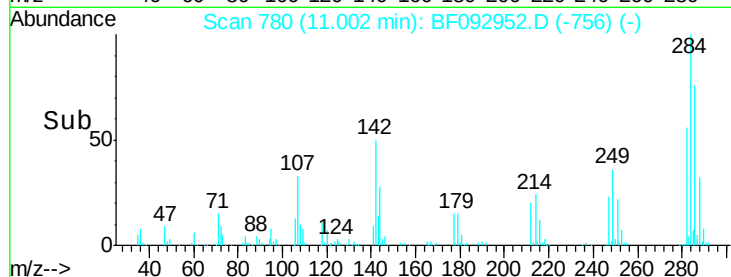
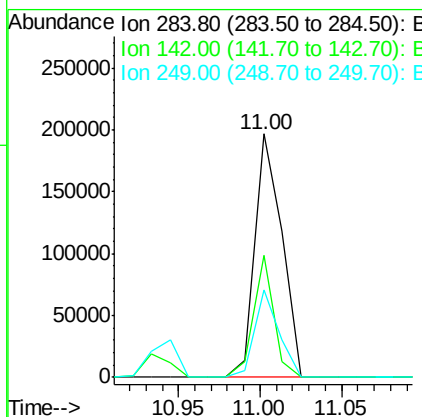
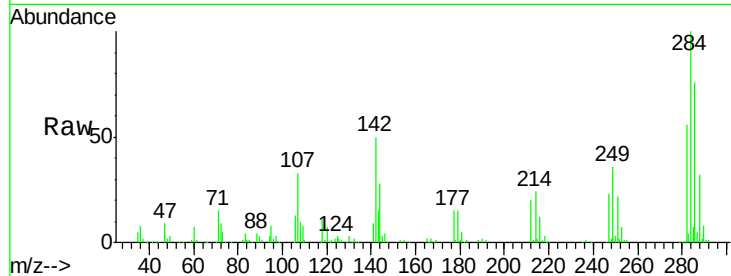
#67
Hexachlorobenzene
Concen: 41.90 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Instrument :
BNA_F
ClientSampled :
PB96964BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	226515		
142	50.0	22.6	33.8#	
249	36.0	25.4	38.0	

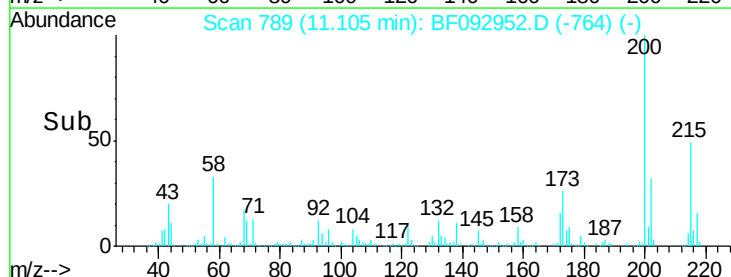
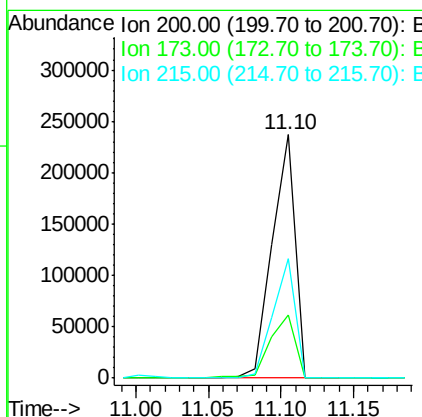
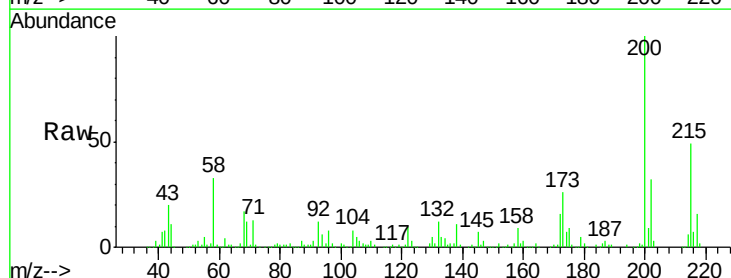
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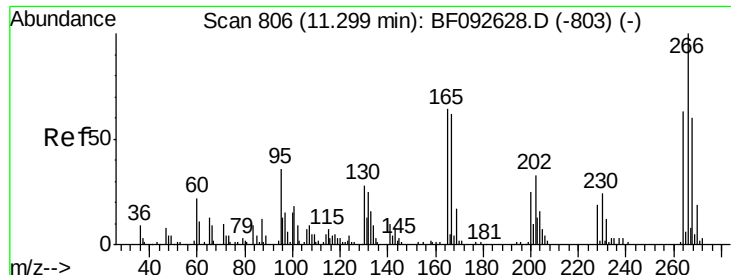
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#68
Atrazine
Concen: 48.44 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	260040		
173	25.9	9.6	49.6	
215	49.2	25.7	65.7	





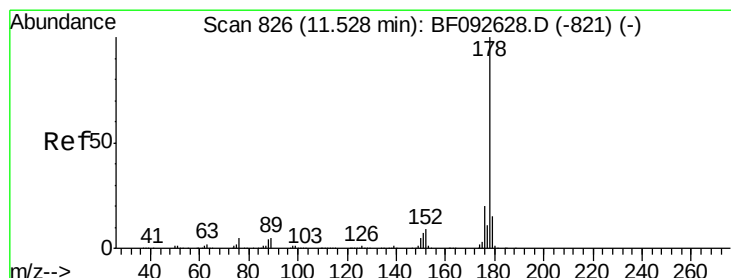
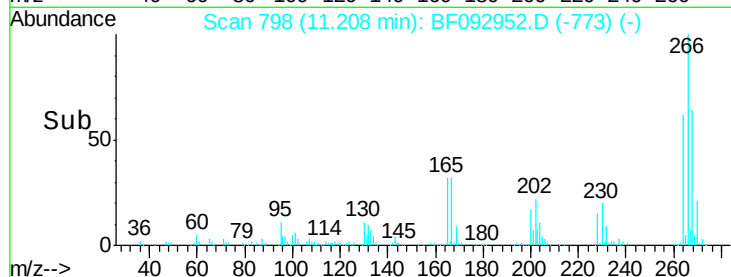
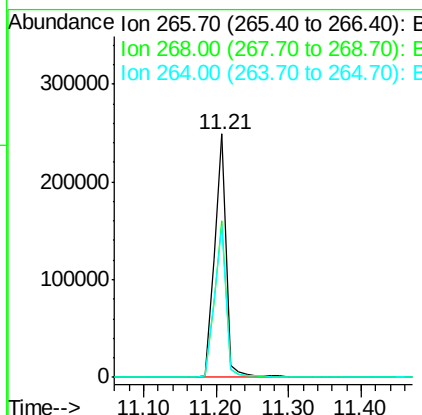
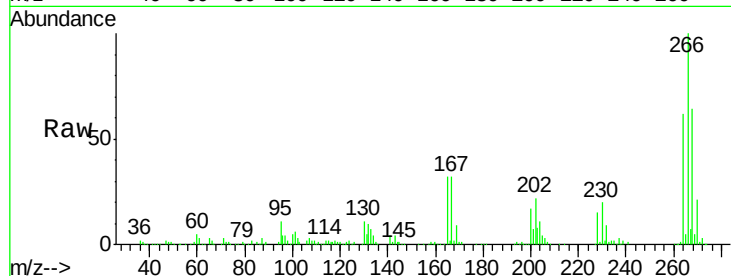
#69
 Pentachlorophenol
 Concen: 97.57 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB96964BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	277150		
268	64.5	53.3	79.9	
264	62.3	50.3	75.5	

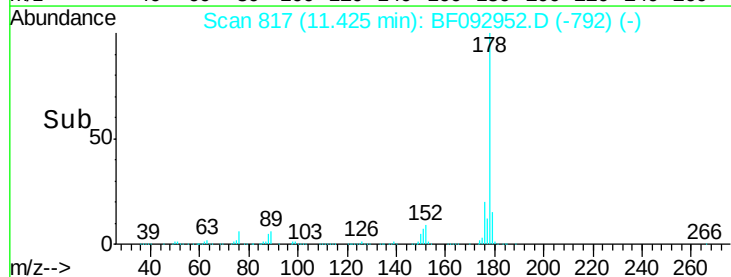
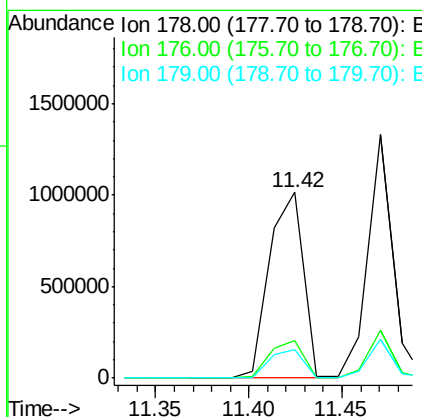
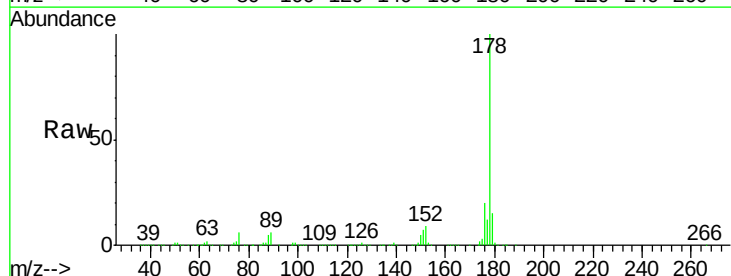
Manual Integrations
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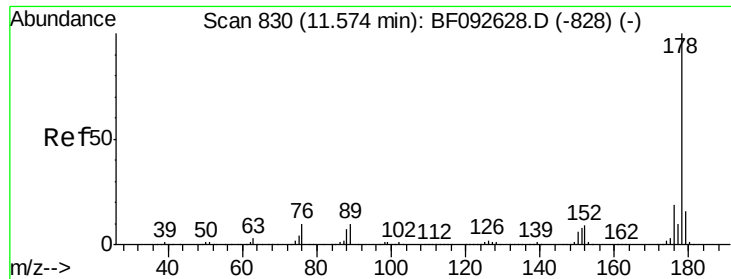
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#70
 Phenanthrene
 Concen: 43.17 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1295213		
176	19.9	16.6	25.0	
179	15.2	12.8	19.2	





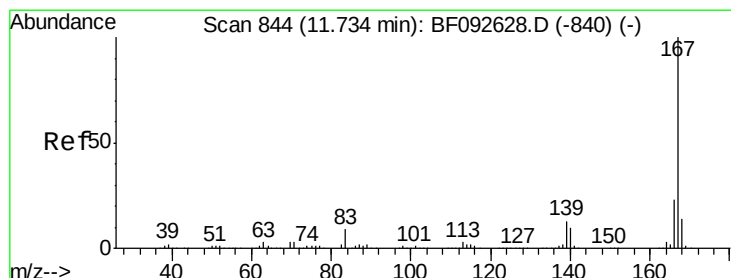
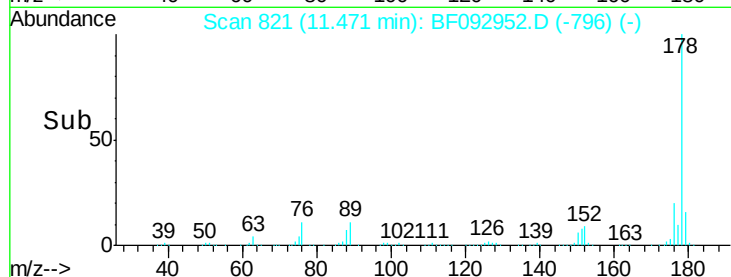
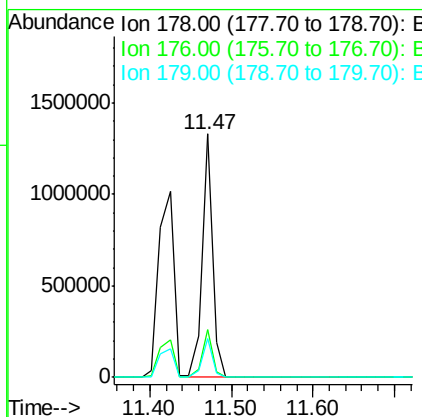
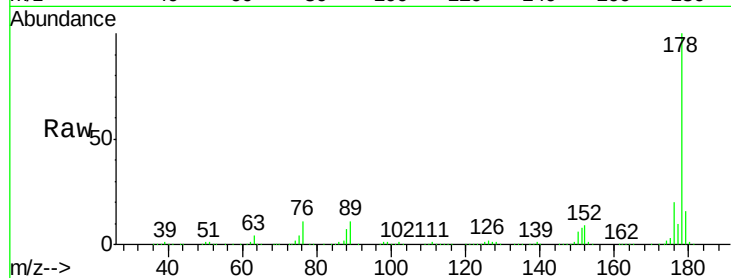
#71
 Anthracene
 Concen: 40.02 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB96964BS

Tgt Ion:178 Resp: 1205560
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 15.9 13.2 19.8

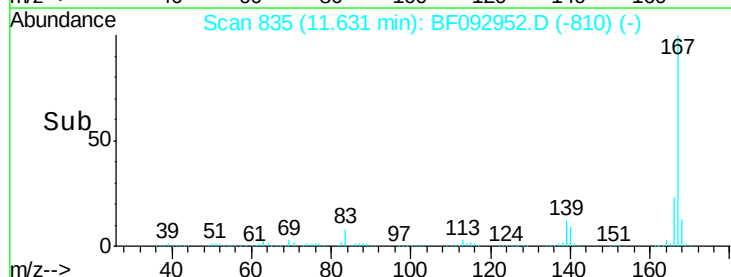
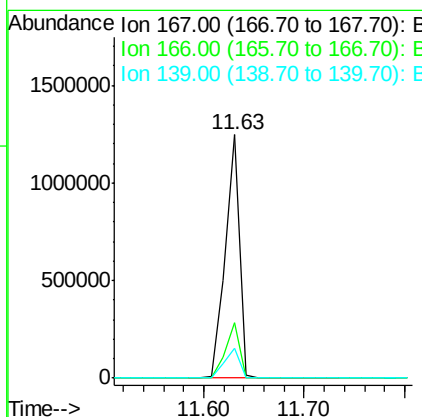
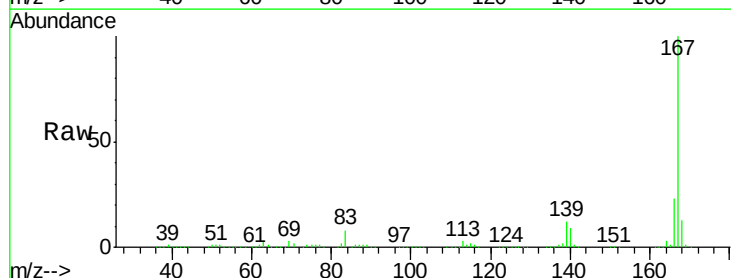
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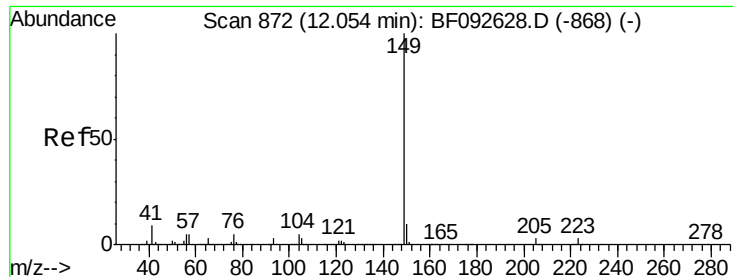
mohammad
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#72
 Carbazole
 Concen: 42.63 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Tgt Ion:167 Resp: 1227589
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 12.4 11.4 17.2





#73

Di-n-butylphthalate

Concen: 47.05 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Instrument :

BNA_F

ClientSampleId :

PB96964BS

Tgt Ion:149 Resp: 1465482

Ion Ratio Lower Upper

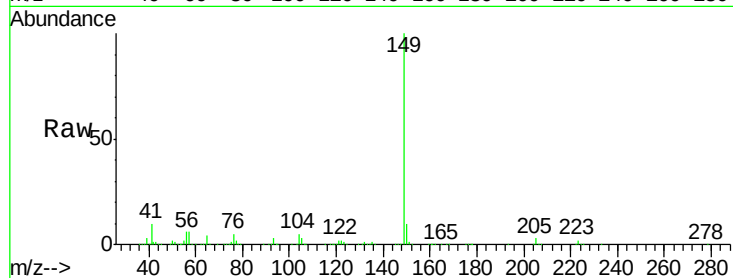
149 100

150 9.6 8.1 12.1

104 4.8 4.6 7.0

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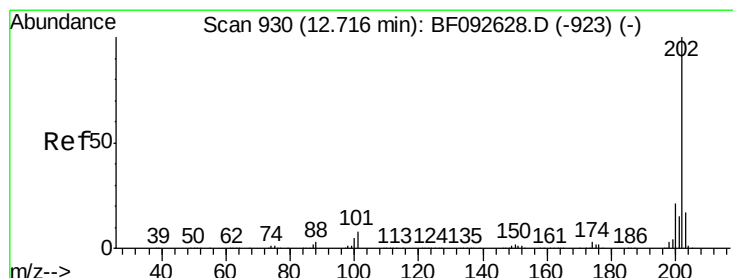
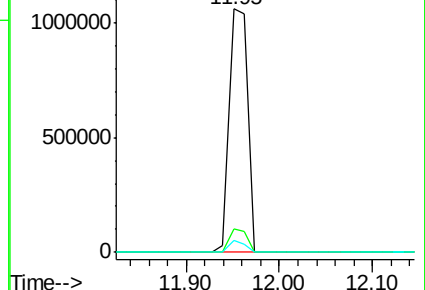
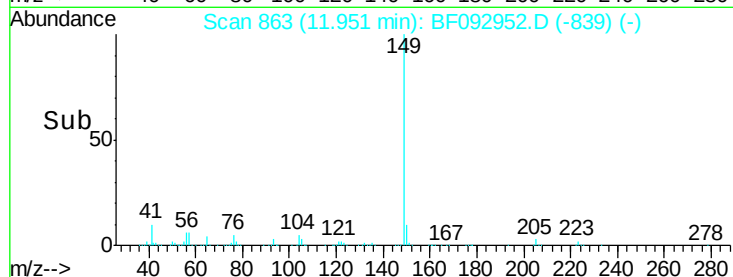
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.06 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

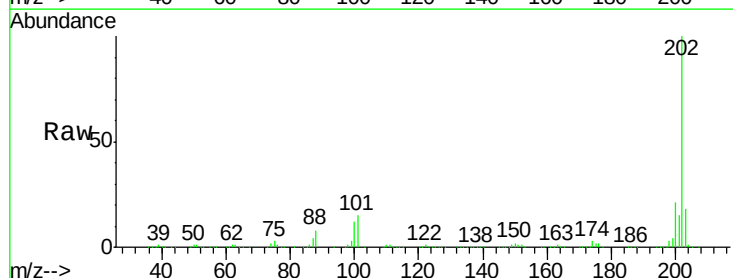
Tgt Ion:202 Resp: 1208745

Ion Ratio Lower Upper

202 100

101 15.3 0.0 34.6

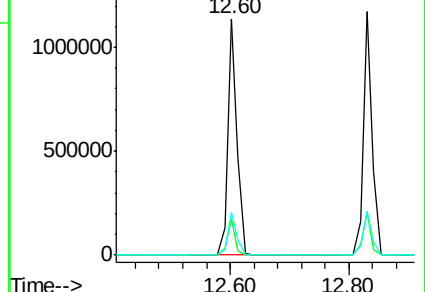
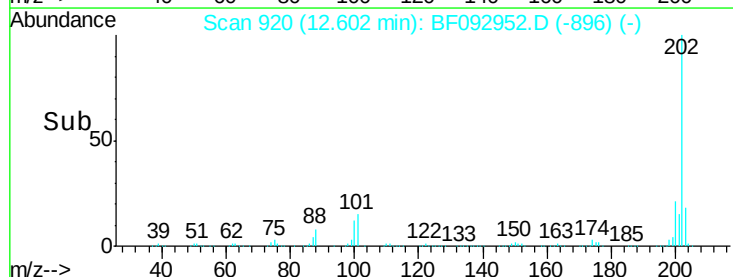
203 17.8 0.0 38.7

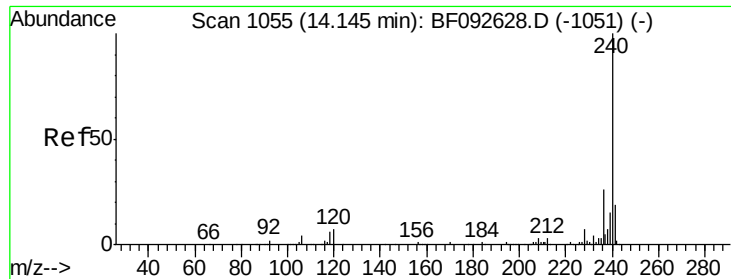


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Instrument :

BNA_F

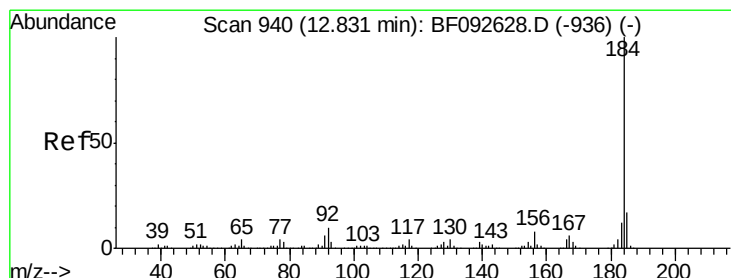
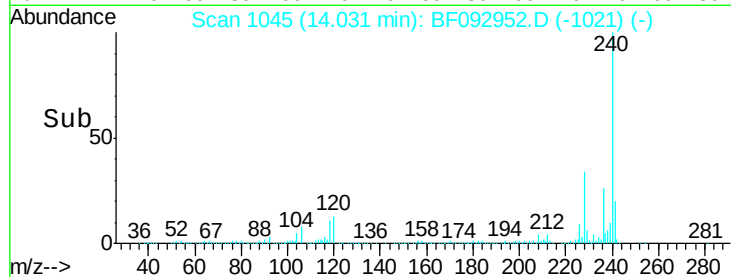
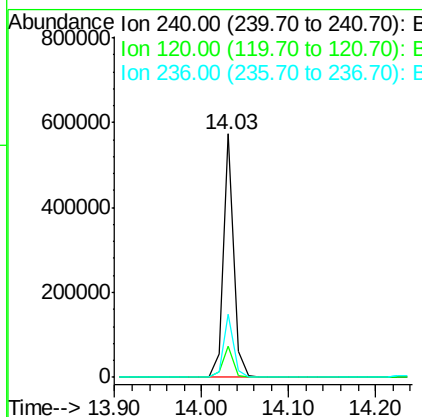
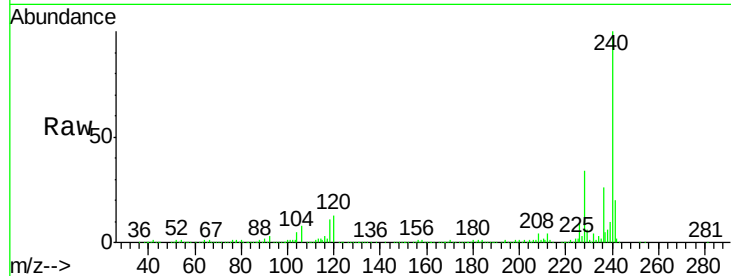
ClientSampleId :

PB96964BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.8	12.9	19.3#
236	26.1	20.9	31.3

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#76

Benzidine

Concen: 13.20 ng

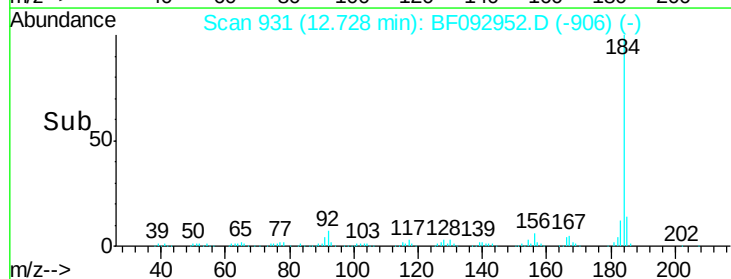
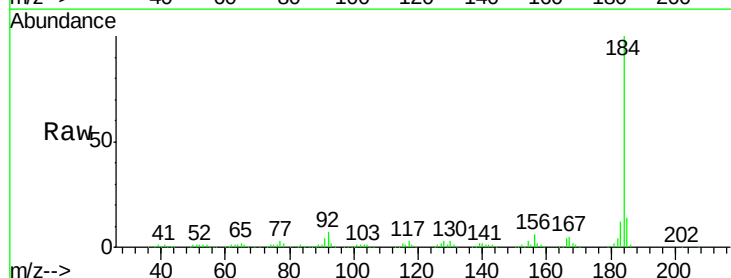
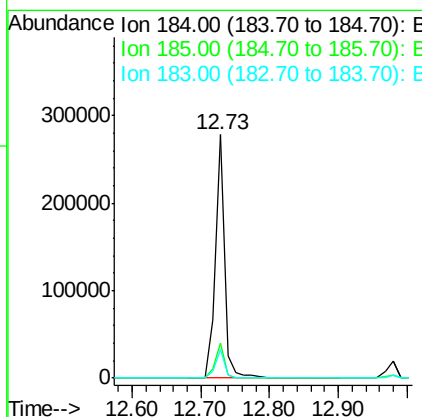
RT: 12.73 min Scan# 931

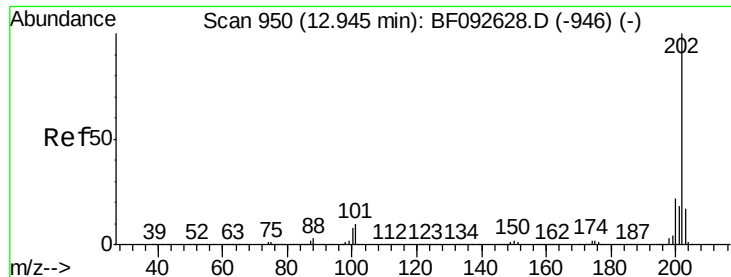
Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	13.4	20.0
183	11.6	9.2	13.8





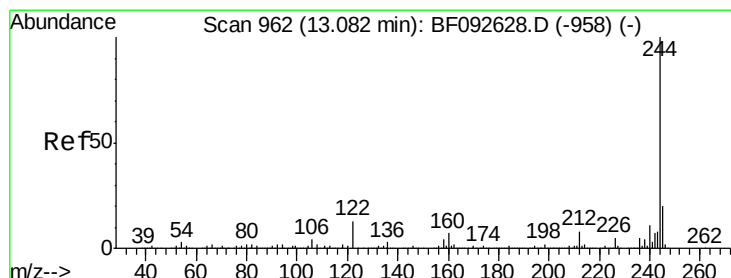
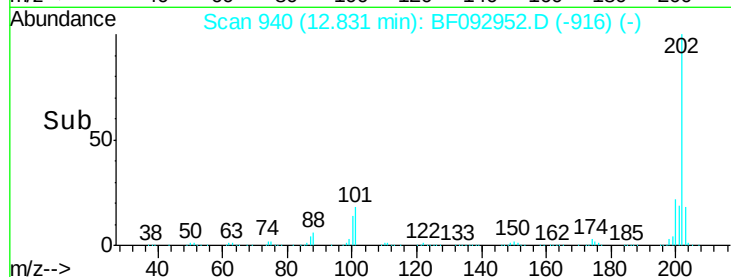
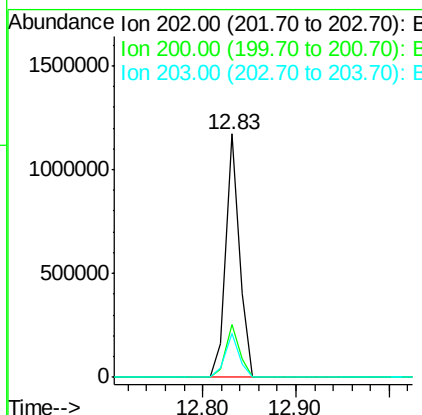
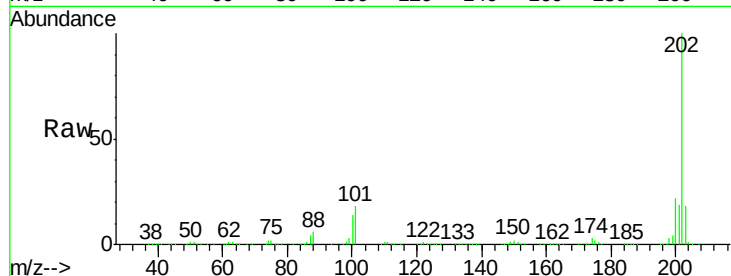
#77
Pyrene
 Concen: 33.60 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.02 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB96964BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	18.2	14.7	22.1

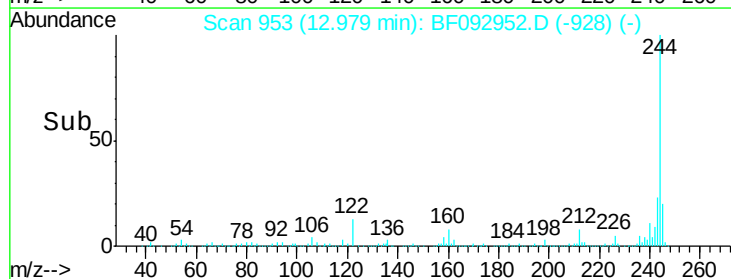
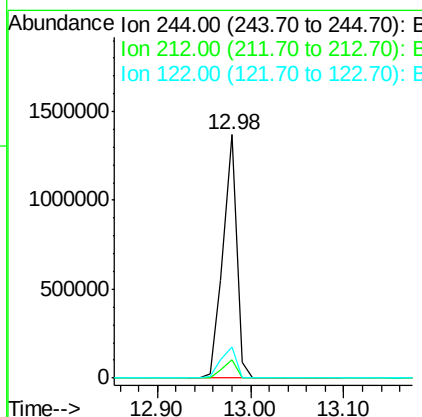
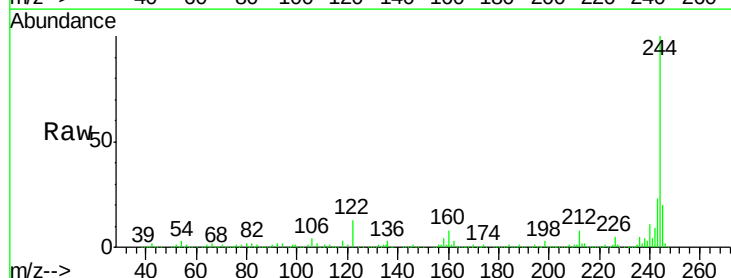
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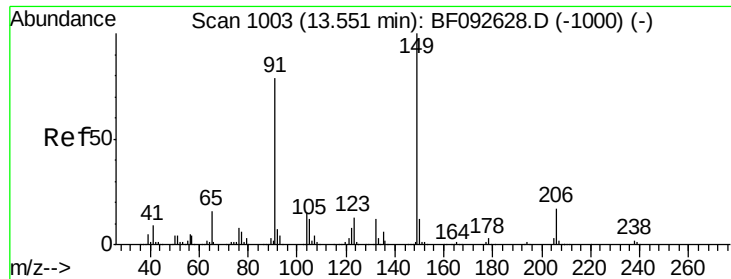
mohammad
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#78
Terphenyl-d14
 Concen: 68.80 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	12.9	11.4	17.2





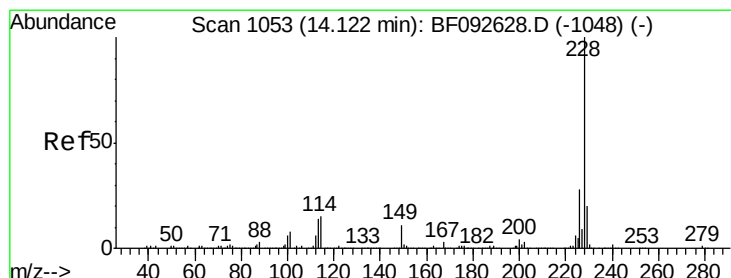
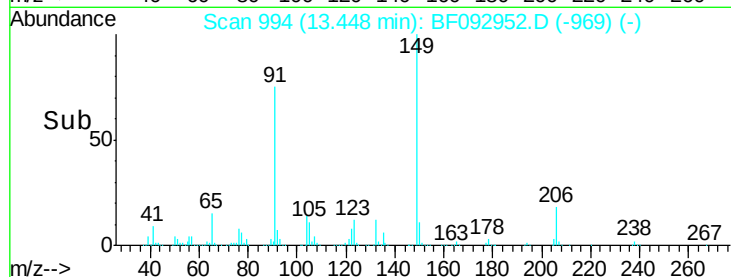
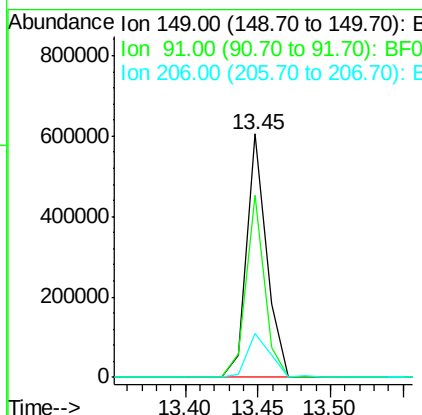
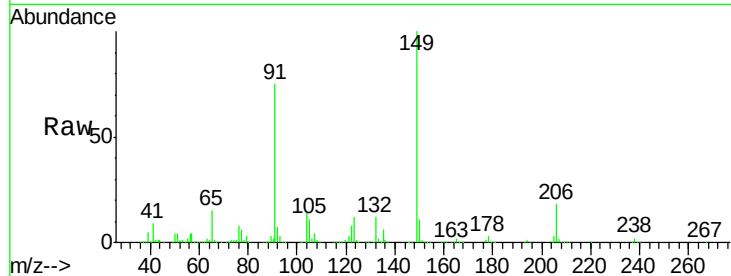
#79
Butylbenzylphthalate
Concen: 39.86 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :
PB96964BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	74.6	63.9	95.9
206	18.0	14.6	21.8

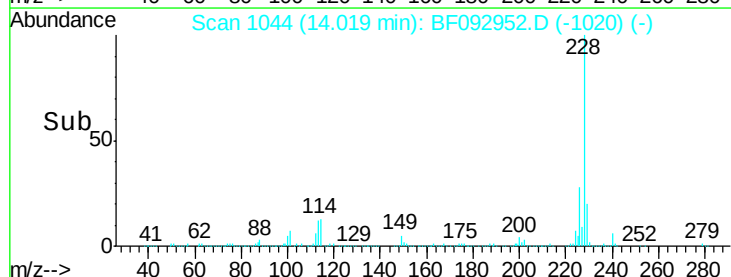
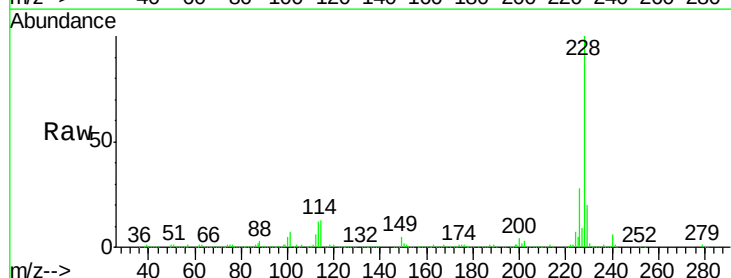
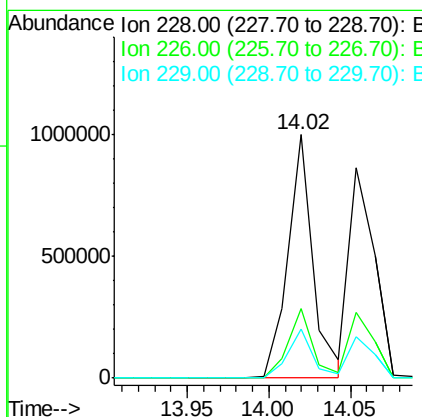
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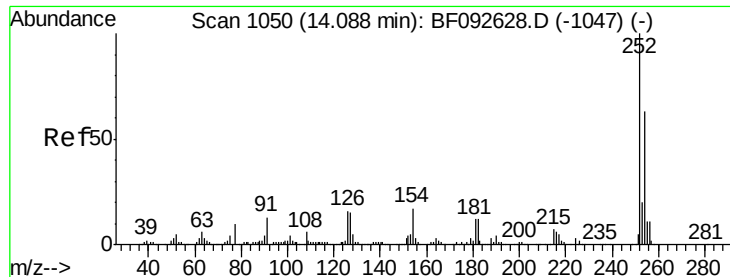
mohammad
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#80
Benzo(a)anthracene
Concen: 36.73 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.5	22.4	33.6
229	20.1	16.2	24.4





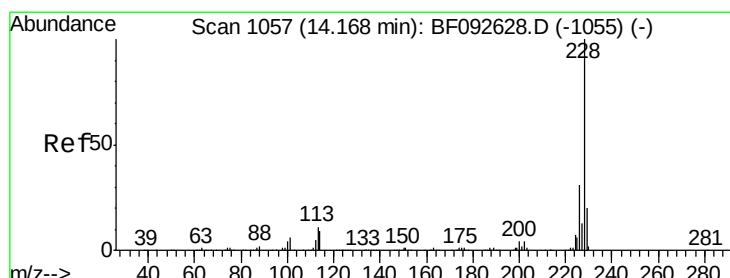
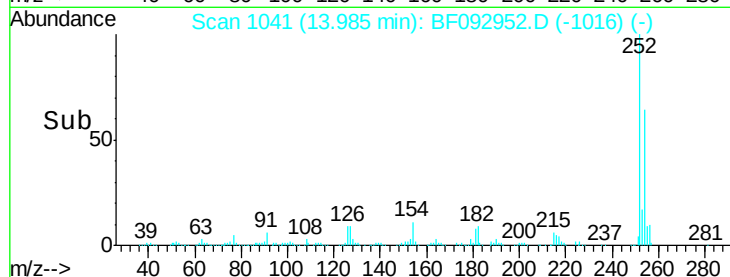
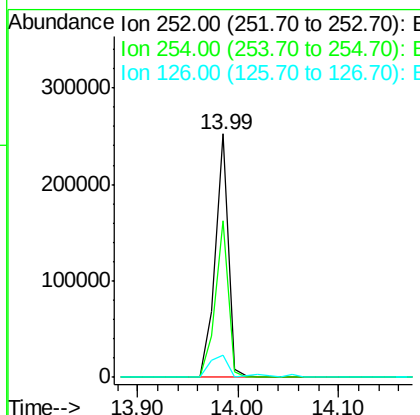
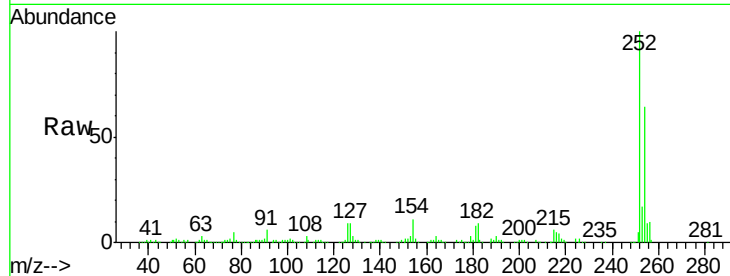
#81
 3,3'-Dichlorobenzidine
 Concen: 21.92 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB96964BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.4	52.3	78.5
126	9.2	13.6	20.4

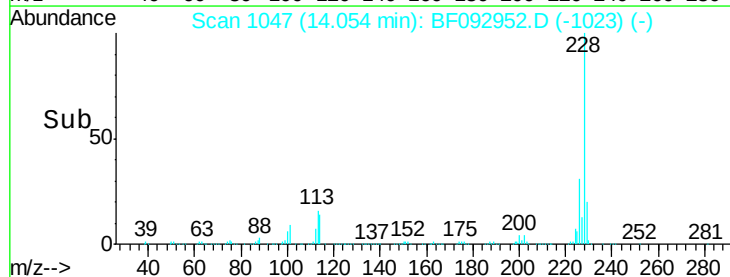
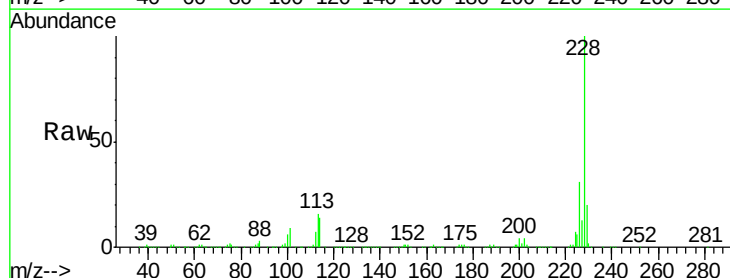
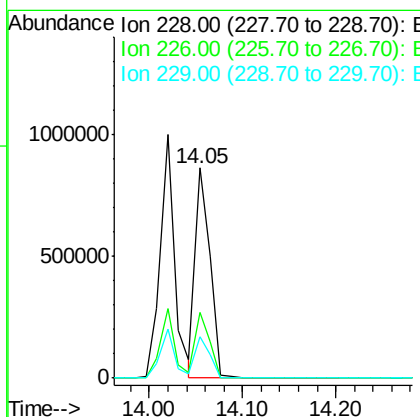
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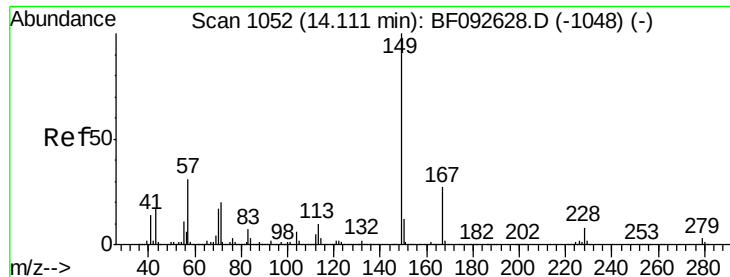
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#82
 Chrysene
 Concen: 34.87 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.0	25.4	38.0
229	19.8	16.2	24.2





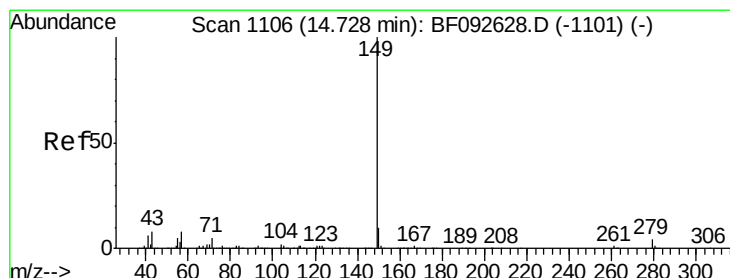
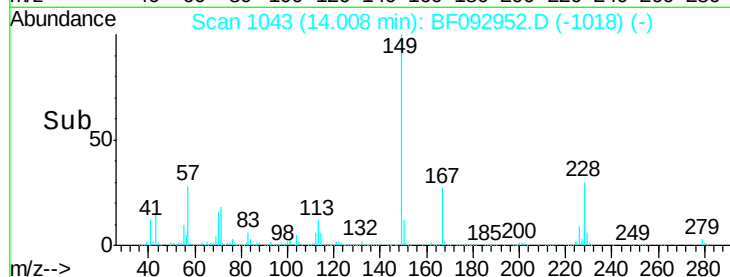
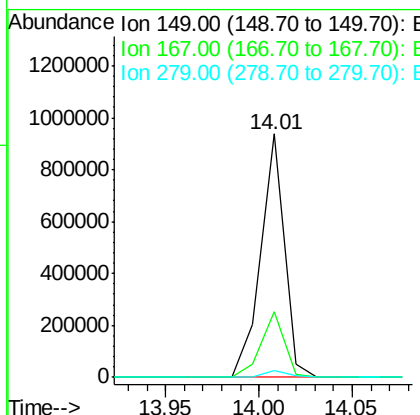
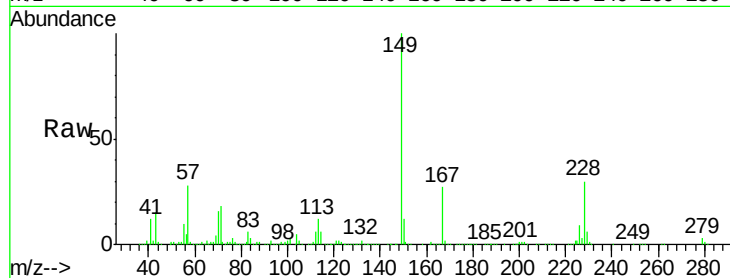
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.37 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB96964BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	20.2	30.4
279	3.0	1.8	2.8

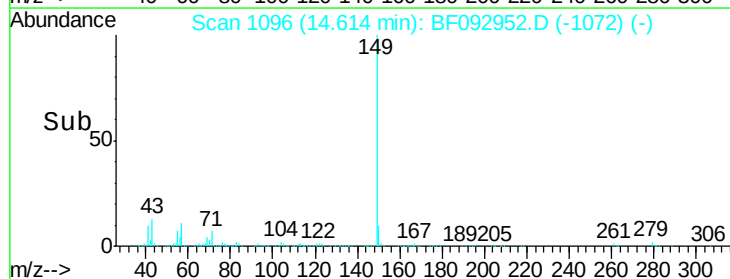
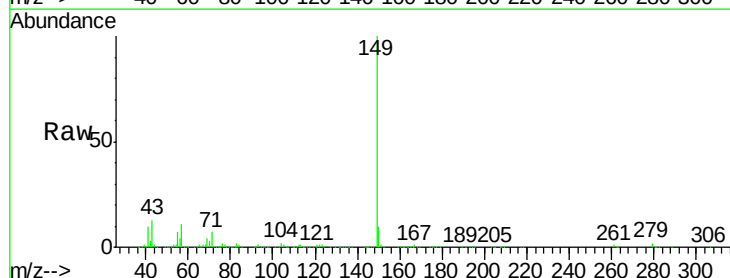
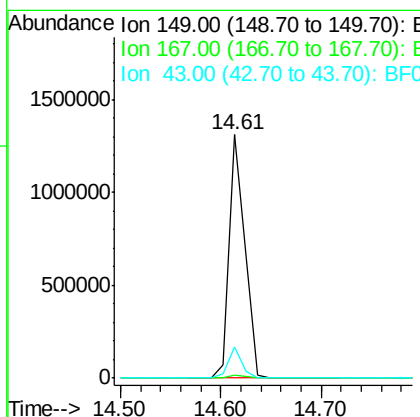
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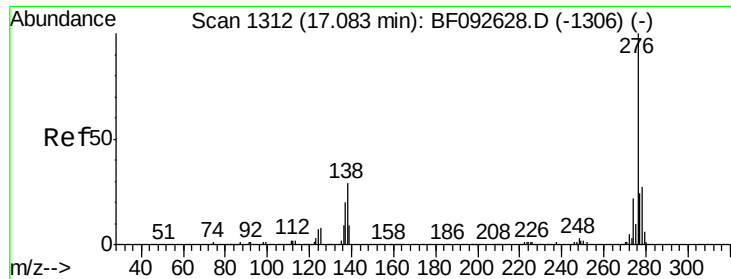
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#84
 Di-n-octyl phthalate
 Concen: 43.88 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.8	8.9	13.3





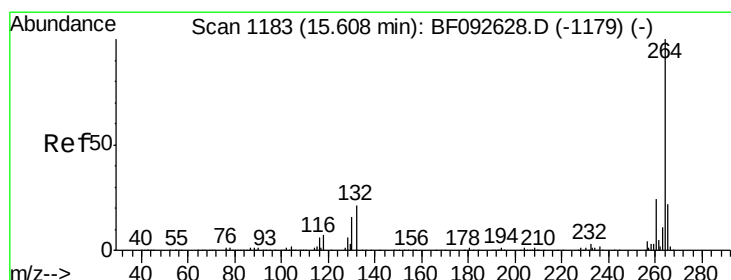
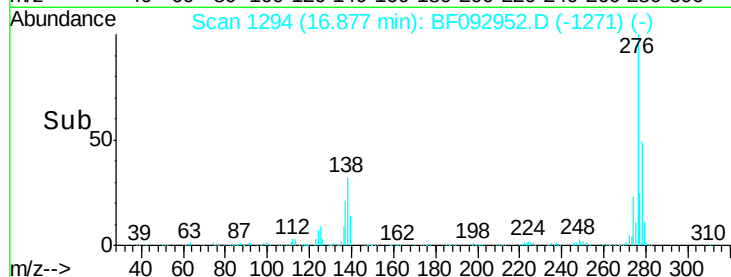
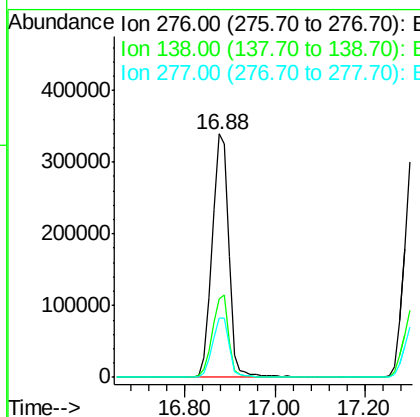
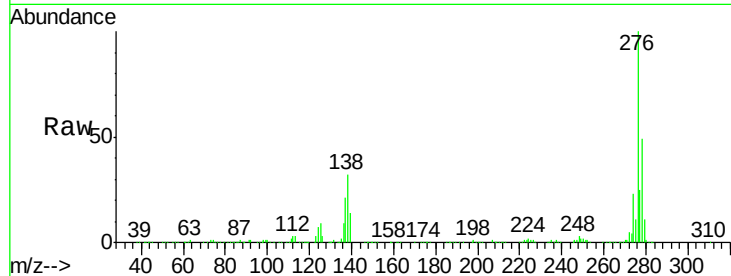
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.55 ng
 RT: 16.88 min Scan# 1294
 Delta R.T. -0.03 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB96964BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.8	21.8	32.6#
277	24.7	20.2	30.4

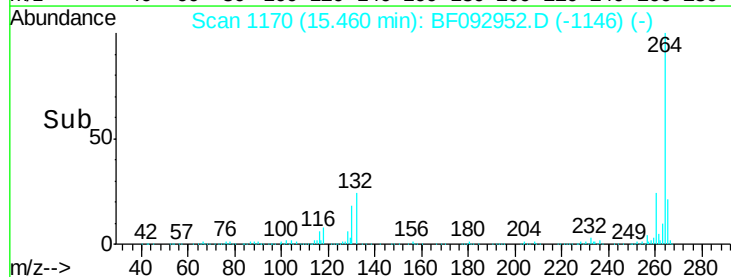
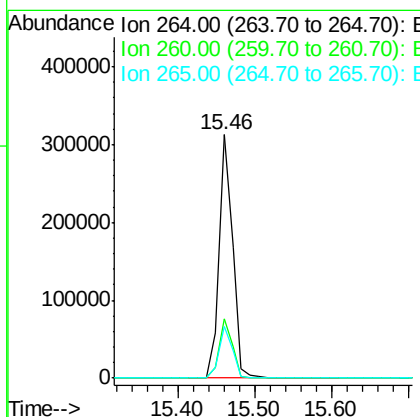
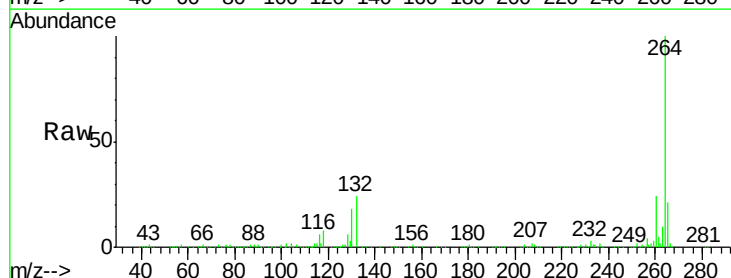
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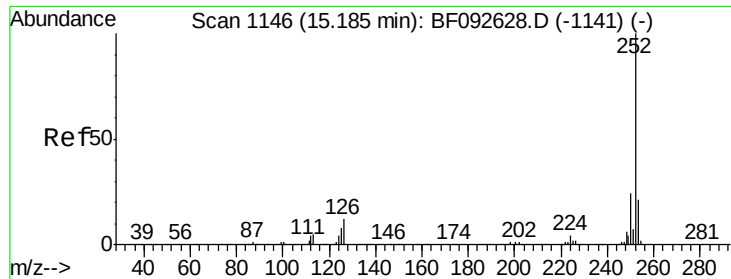
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

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





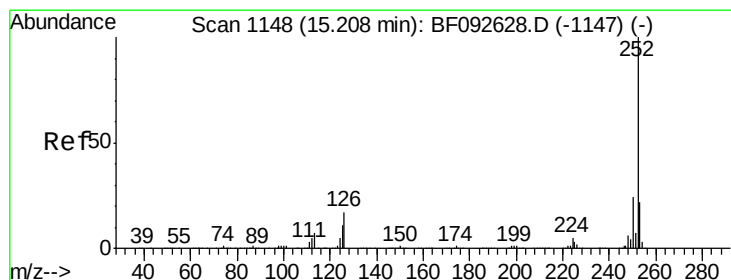
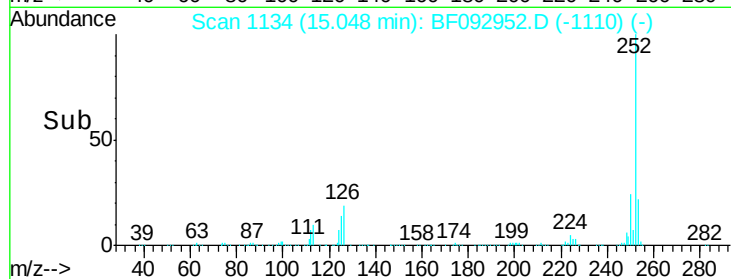
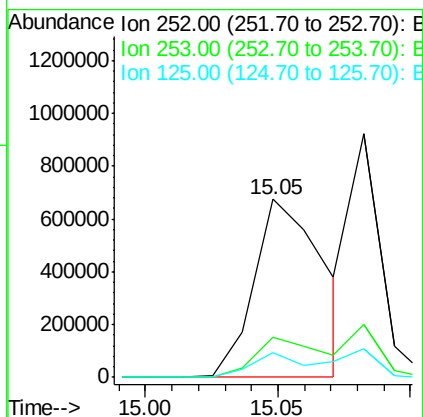
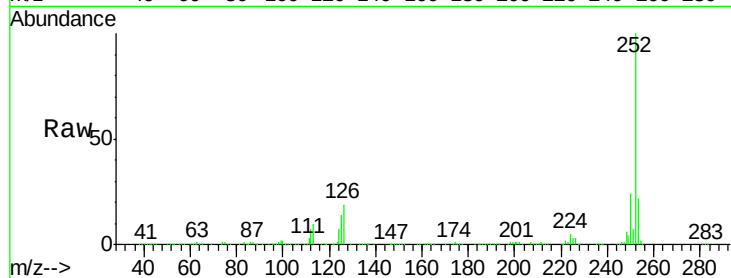
#87
Benzo(b)fluoranthene
Concen: 48.06 ng m
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :
PB96964BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	14.1	9.8	14.6

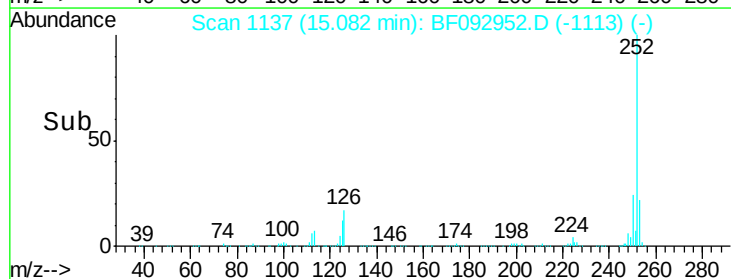
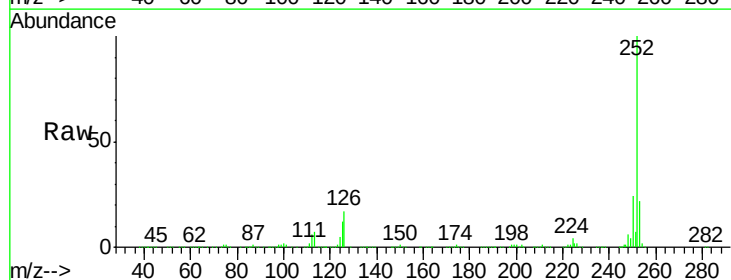
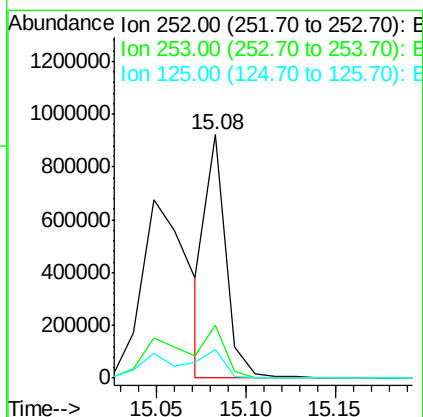
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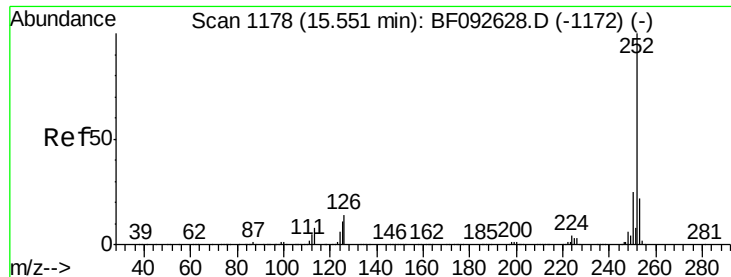
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#88
Benzo(k)fluoranthene
Concen: 33.55 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.5	27.7
125	11.6	8.9	13.3





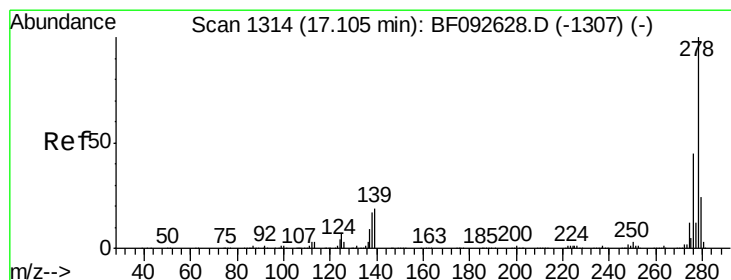
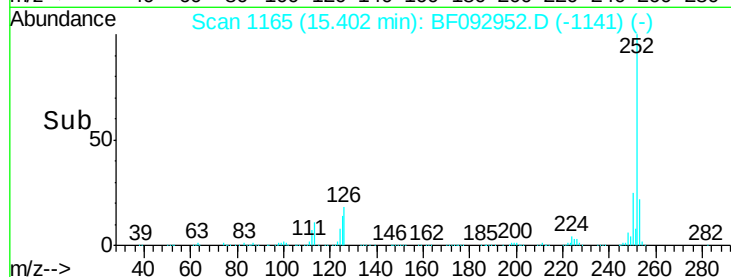
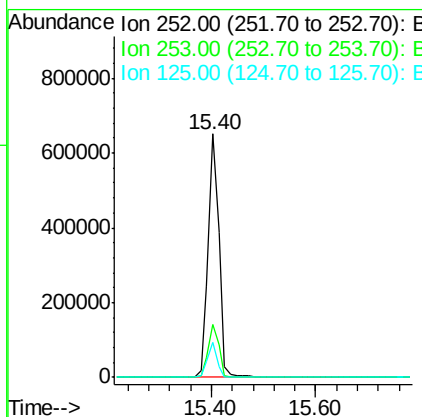
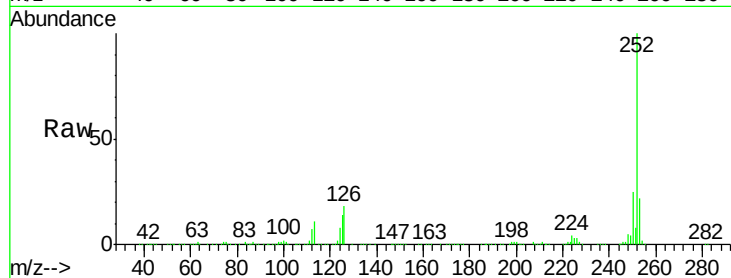
#89
Benzo(a)pyrene
Concen: 42.23 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :
PB96964BS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.8	18.2	27.2
125	14.3	10.0	15.0

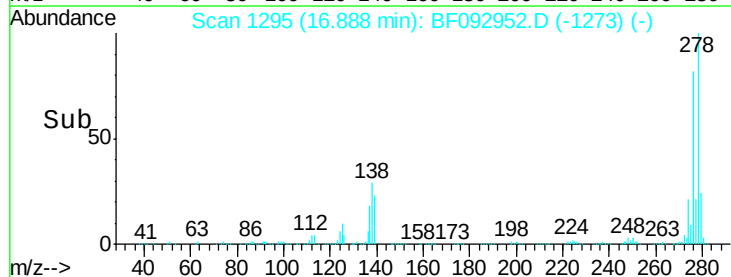
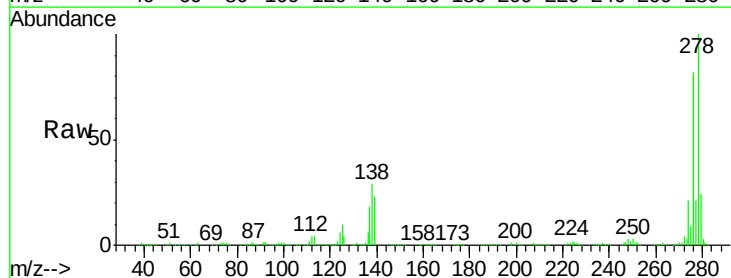
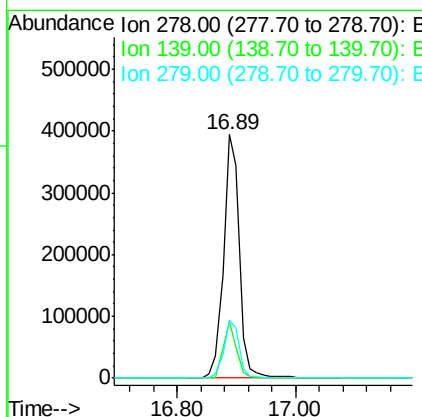
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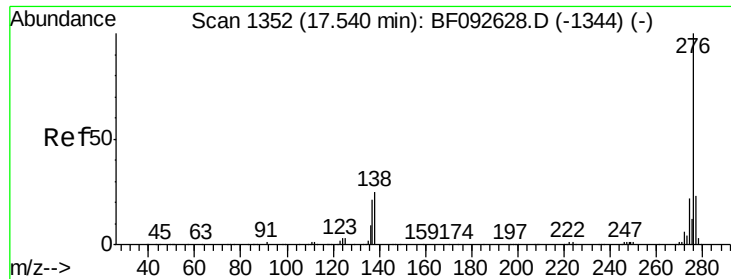
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#90
Dibenzo(a,h)anthracene
Concen: 41.03 ng
RT: 16.89 min Scan# 1295
Delta R.T. -0.05 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	23.5	14.8	22.2#
279	23.7	19.8	29.6





#91
 Benzo(g,h,i)perylene
 Concen: 41.51 ng
 RT: 17.31 min Scan# 1332
 Delta R.T. -0.03 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB96964BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.3	19.2	28.8
138	25.6	16.0	24.0

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