

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
 Data File : BF092955.D
 Acq On : 15 Feb 2017 17:13
 Operator : SJ/MA
 Sample : PB96953BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96953BS

Manual Integrations
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mohammad
 2/16/2017 11:40:11 AM

Quant Time: Feb 16 07:32:34 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	138815	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	581913	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	315459	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	518703	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	464747	20.00	ng	-0.02
86) Perylene-d12	15.46	264	375067	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	995124	122.99	ng	-0.01
7) Phenol-d6	6.51	99	1364948	131.11	ng	-0.02
23) Nitrobenzene-d5	7.44	82	797184	76.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	309431	135.62	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1371996	78.79	ng	-0.01
78) Terphenyl-d14	12.98	244	1382674	69.91	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	130649	29.88	ng	# 85
3) Pyridine	3.22	79	354547	31.89	ng	89
4) n-Nitrosodimethylamine	3.16	42	211798	40.57	ng	87
6) Aniline	6.53	93	386800	27.24	ng	# 72
8) 2-Chlorophenol	6.66	128	399511	44.76	ng	96
9) Benzaldehyde	6.42	77	88028	11.80	ng	96
10) Phenol	6.53	94	447420	36.73	ng	98
11) bis(2-Chloroethyl)ether	6.61	93	401461	41.29	ng	100
12) 1,3-Dichlorobenzene	6.81	146	412508	39.45	ng	# 93
13) 1,4-Dichlorobenzene	6.89	146	424913	40.16	ng	96
14) 1,2-Dichlorobenzene	7.04	146	382330	37.79	ng	97
15) Benzyl Alcohol	7.01	79	312726	40.57	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	647500	38.33	ng	92
17) 2-Methylphenol	7.14	107	333193	43.51	ng	95
18) Hexachloroethane	7.38	117	140387	38.86	ng	88
19) n-Nitroso-di-n-propylamine	7.29	70	256740	38.74	ng	95
20) 3+4-Methylphenols	7.29	107	375414	41.00	ng	89
22) Acetophenone	7.29	105	509358	38.34	ng	# 92
24) Nitrobenzene	7.46	77	458773	42.76	ng	92
25) Isophorone	7.70	82	781119	40.11	ng	99
26) 2-Nitrophenol	7.78	139	212733	41.71	ng	# 78
27) 2,4-Dimethylphenol	7.81	122	348097	38.86	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	452919	35.12	ng	99
29) 2,4-Dichlorophenol	8.02	162	360080	43.10	ng	94
30) 1,2,4-Trichlorobenzene	8.10	180	355411	39.48	ng	97
31) Naphthalene	8.18	128	1115354	37.81	ng	99
32) Benzoic acid	7.94	122	242476	47.81	ng	95
33) 4-Chloroaniline	8.22	127	177826	15.37	ng	95
34) Hexachlorobutadiene	8.29	225	177922	35.92	ng	100
35) Caprolactam	8.60	113	112169m	42.68	ng	
36) 4-Chloro-3-methylphenol	8.72	107	355789	40.85	ng	99
37) 2-Methylnaphthalene	8.86	142	720660	38.05	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	339243	38.31	ng	98
40) Hexachlorocyclopentadiene	9.02	237	301211	75.39	ng	97

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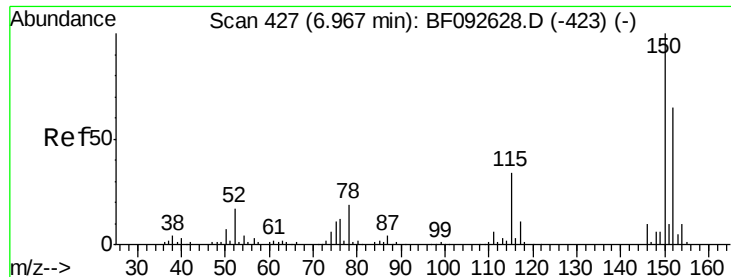
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	252449	43.39	ng	92
43) 2,4,5-Trichlorophenol	9.20	196	253603	39.78	ng #	87
45) 1,1'-Biphenyl	9.33	154	914123	40.02	ng	97
46) 2-Chloronaphthalene	9.36	162	696036	38.95	ng	96
47) 2-Nitroaniline	9.46	65	261966	43.60	ng	88
48) Acenaphthylene	9.77	152	1140050	36.93	ng	98
49) Dimethylphthalate	9.64	163	903124	42.50	ng	99
50) 2,6-Dinitrotoluene	9.70	165	194334	42.35	ng #	89
51) Acenaphthene	9.94	154	747779	40.52	ng	97
52) 3-Nitroaniline	9.87	138	116733	22.23	ng #	79
53) 2,4-Dinitrophenol	9.97	184	166647	71.90	ng #	60
54) Dibenzofuran	10.12	168	1007035	40.79	ng #	88
55) 4-Nitrophenol	10.04	139	299998	79.32	ng	92
56) 2,4-Dinitrotoluene	10.10	165	247747	40.55	ng	94
57) Fluorene	10.45	166	724954	38.17	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	198454	46.66	ng	99
59) Diethylphthalate	10.34	149	878448	43.87	ng	95
60) 4-Chlorophenyl-phenylether	10.45	204	371528	40.72	ng #	79
61) 4-Nitroaniline	10.49	138	220398	40.98	ng	85
62) Azobenzene	10.61	77	883584m	42.71	ng	
64) 4,6-Dinitro-2-methylphenol	10.51	198	123062	39.48	ng #	57
65) n-Nitrosodiphenylamine	10.57	169	640564	38.66	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	220759	40.74	ng #	77
67) Hexachlorobenzene	11.00	284	204501	38.19	ng #	79
68) Atrazine	11.10	200	227029	42.69	ng	91
69) Pentachlorophenol	11.21	266	245305	87.95	ng	97
70) Phenanthrene	11.41	178	1134488	38.18	ng	99
71) Anthracene	11.47	178	1201003	40.24	ng	99
72) Carbazole	11.63	167	1148722	40.27	ng	97
73) Di-n-butylphthalate	11.95	149	1247187	40.43	ng	98
74) Fluoranthene	12.60	202	1128051	36.80	ng	98
76) Benzidine	12.73	184	332576	16.79	ng	97
77) Pyrene	12.83	202	1135661	32.65	ng	99
79) Butylbenzylphthalate	13.45	149	552029	39.09	ng	95
80) Benzo(a)anthracene	14.02	228	1010724	35.56	ng	100
81) 3,3'-Dichlorobenzidine	13.99	252	264838	26.14	ng #	96
82) Chrysene	14.05	228	898721	33.77	ng	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	762817	39.49	ng #	96
84) Di-n-octyl phthalate	14.61	149	1334821	42.44	ng	100
85) Indeno(1,2,3-cd)pyrene	16.88	276	829666	40.25	ng	94
87) Benzo(b)fluoranthene	15.05	252	1129833m	45.77	ng	
88) Benzo(k)fluoranthene	15.08	252	722199m	33.88	ng	
89) Benzo(a)pyrene	15.40	252	865974	40.55	ng #	97
90) Dibenzo(a,h)anthracene	16.89	278	684861	39.68	ng #	95
91) Benzo(g,h,i)perylene	17.31	276	692345	39.71	ng #	93

(#) = 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

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Instrument :

BNA_F

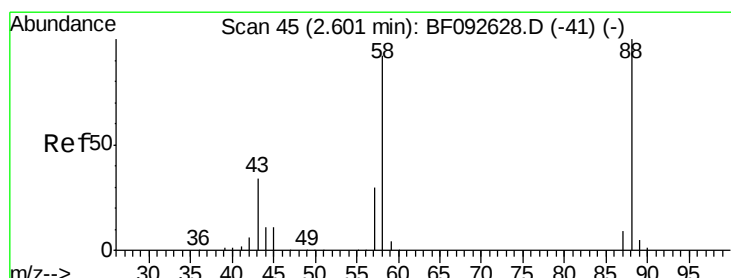
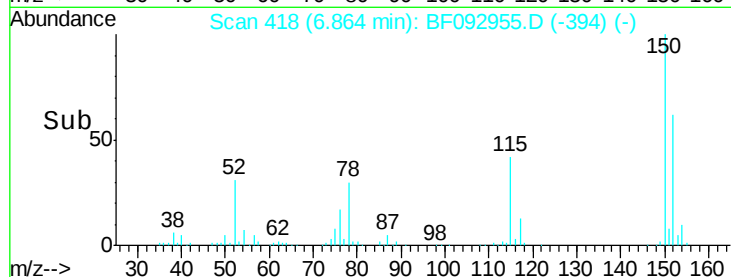
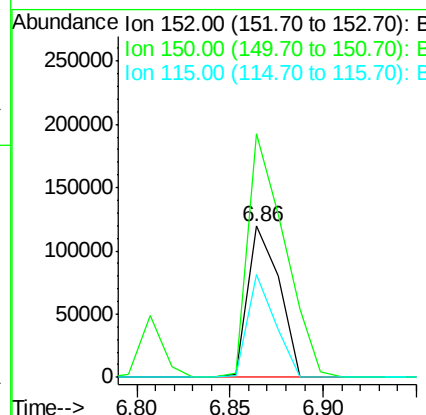
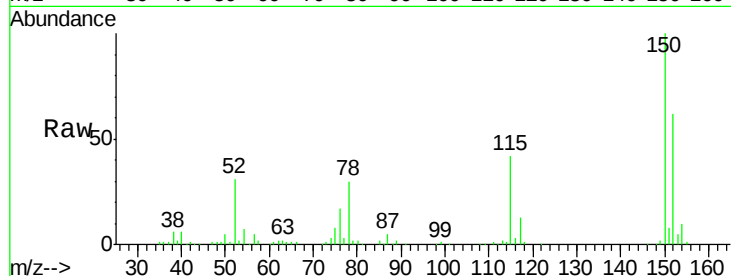
ClientSampleId :

PB96953BS

Tgt Ion:	152	Resp:	138815
Ion Ratio	Lower	Upper	
152	100		
150	161.0	124.9	187.3
115	68.1	46.0	69.0

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#2

1,4-Dioxane

Concen: 29.88 ng

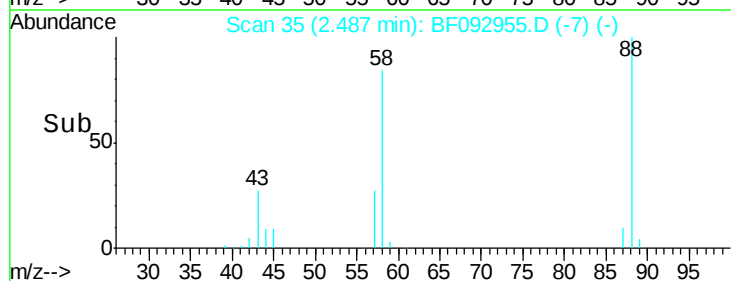
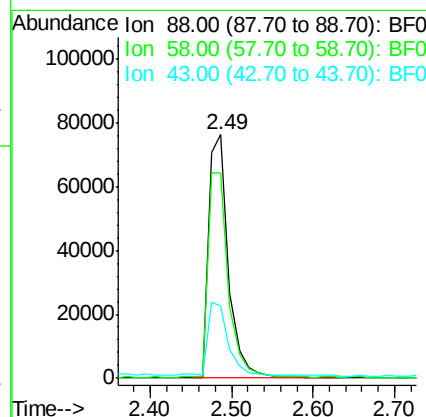
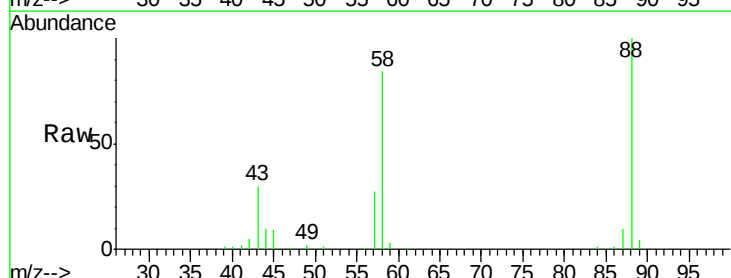
RT: 2.49 min Scan# 35

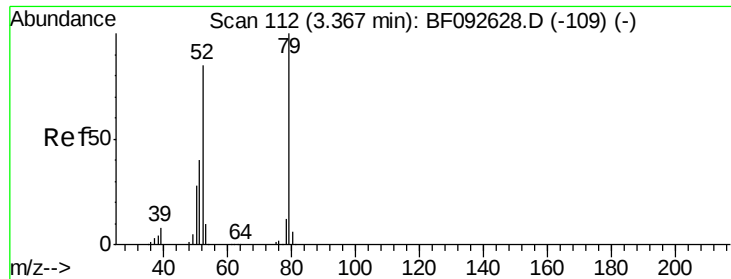
Delta R.T. 0.02 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Tgt Ion:	88	Resp:	130649
Ion Ratio	Lower	Upper	
88	100		
58	87.7	57.8	86.8#
43	31.4	22.3	33.5





#3

Pyridine

Concen: 31.89 ng

RT: 3.22 min Scan# 99

Delta R.T. 0.02 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

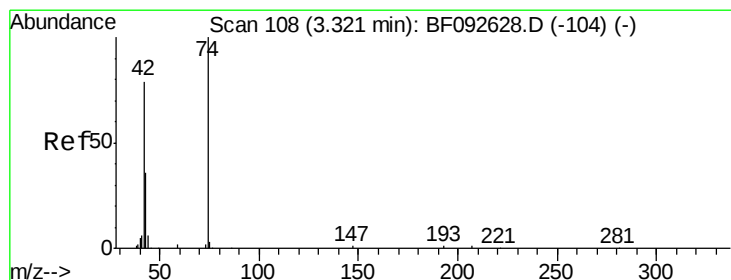
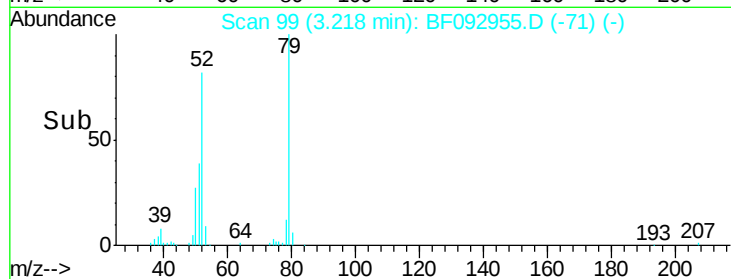
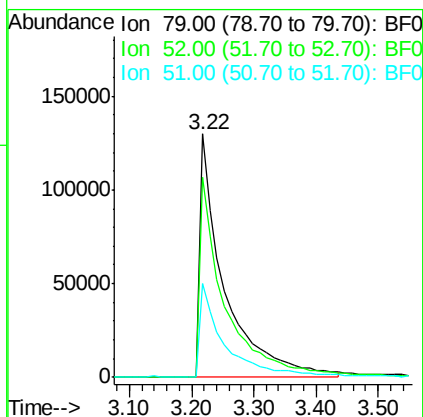
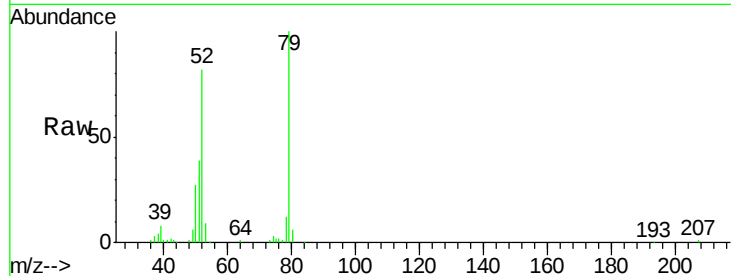
ClientSampleId :

PB96953BS

Tgt Ion:	79	Resp:	354547
Ion Ratio	Lower	Upper	
79	100		
52	82.1	57.1	85.7
51	38.8	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 40.57 ng

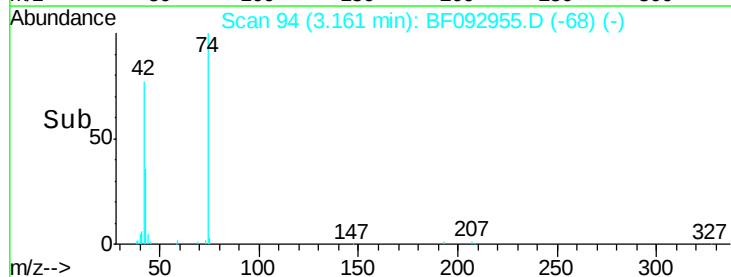
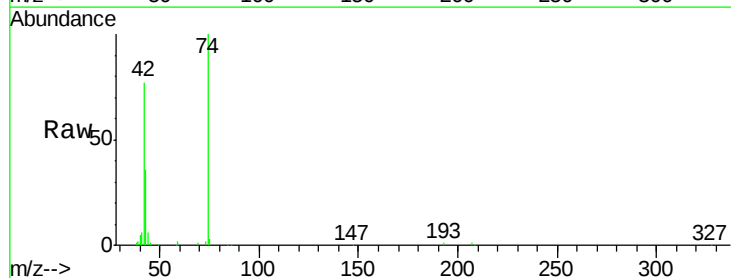
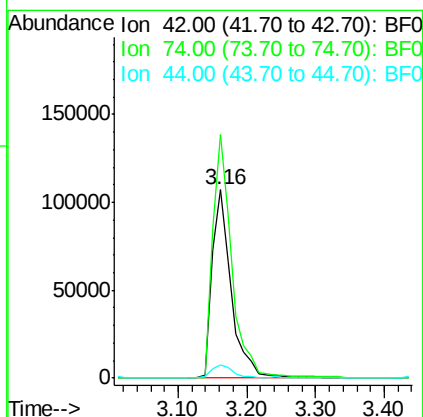
RT: 3.16 min Scan# 94

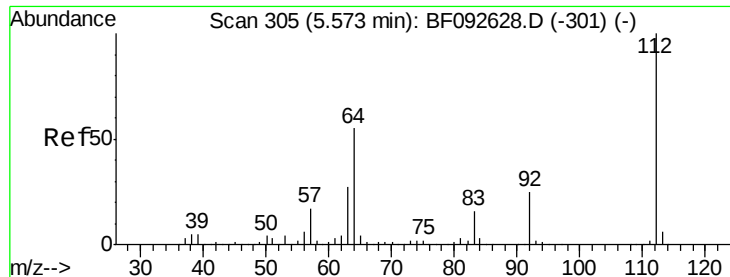
Delta R.T. -0.00 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Tgt Ion:	42	Resp:	211798
Ion Ratio	Lower	Upper	
42	100		
74	129.2	117.0	175.4
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 122.99 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

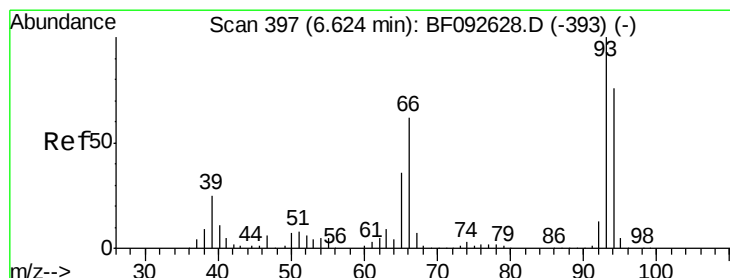
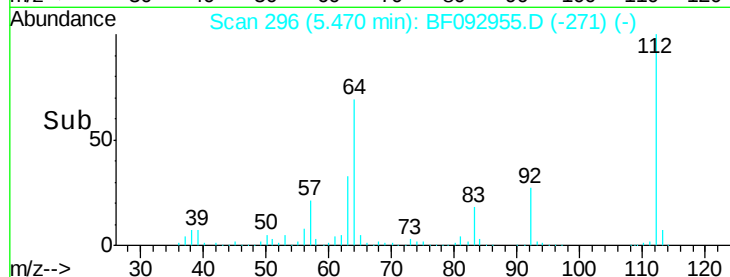
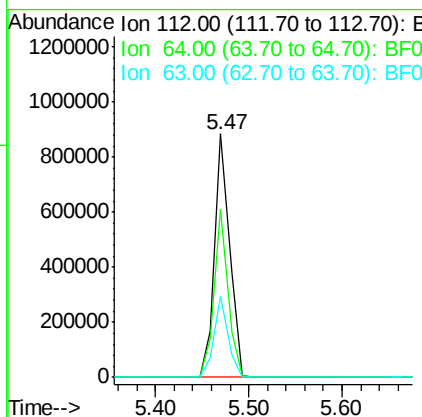
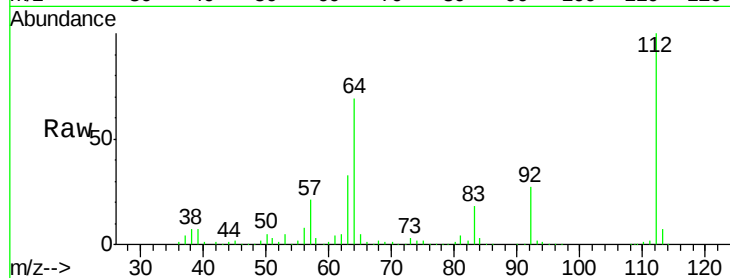
ClientSampleId :

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Tgt Ion:	112	Resp:	995124
Ion Ratio	Lower	Upper	
112	100		
64	68.8	46.1	69.1
63	33.4	23.8	35.6

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#6

Aniline

Concen: 27.24 ng

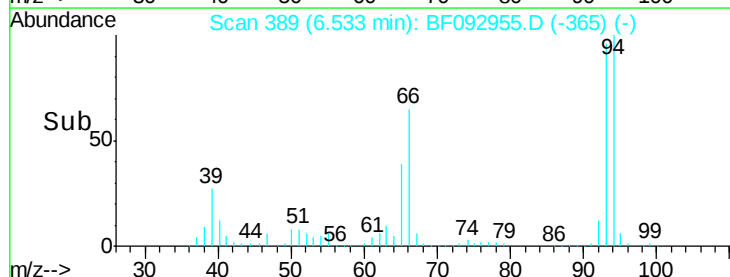
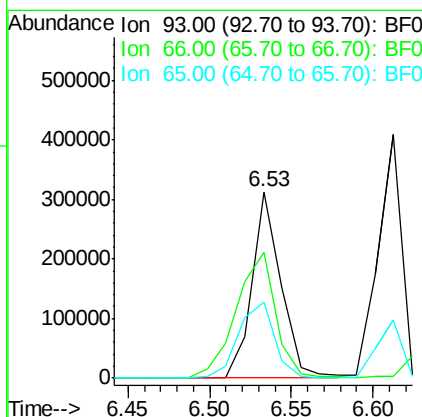
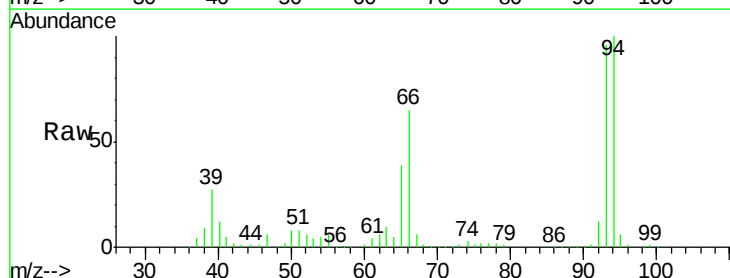
RT: 6.53 min Scan# 389

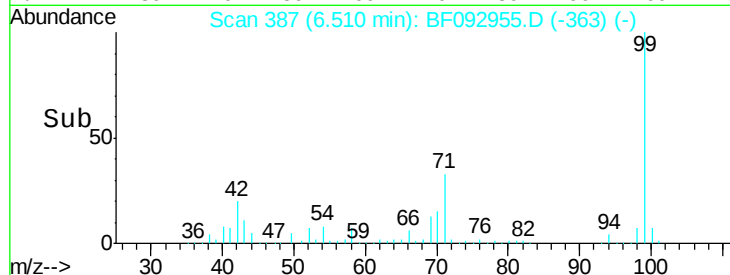
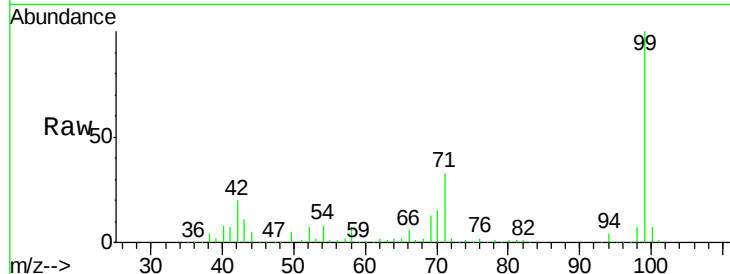
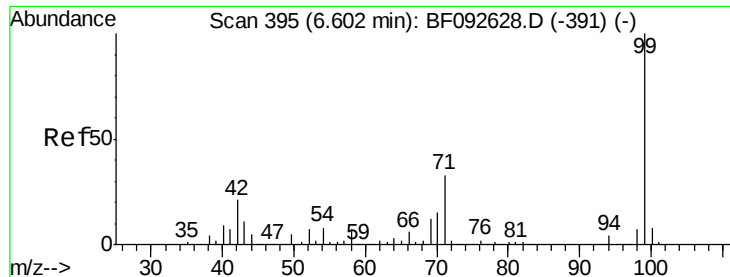
Delta R.T. -0.02 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Tgt Ion:	93	Resp:	386800
Ion Ratio	Lower	Upper	
93	100		
66	67.3	76.2	114.2#
65	40.7	49.3	73.9#





#7

Phenol-d6

Concen: 131.11 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Tgt Ion:	99	Resp:	1364948
Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.6	23.4
71	33.2	27.5	41.3

Instrument :

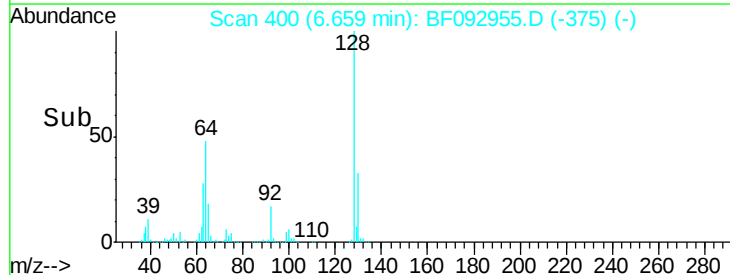
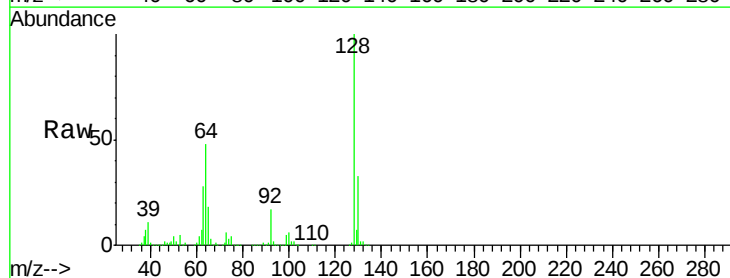
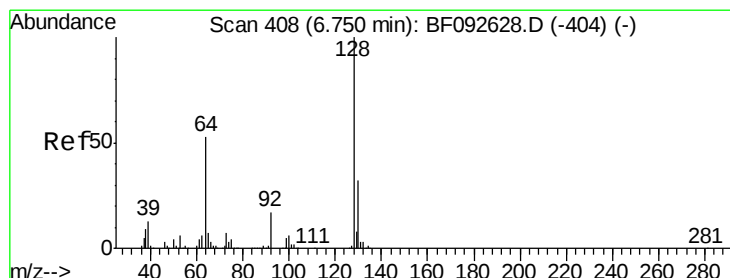
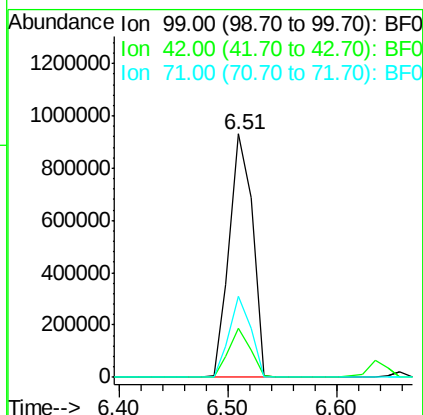
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#8

2-Chlorophenol

Concen: 44.76 ng

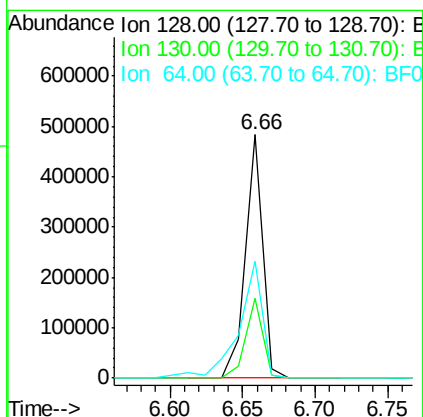
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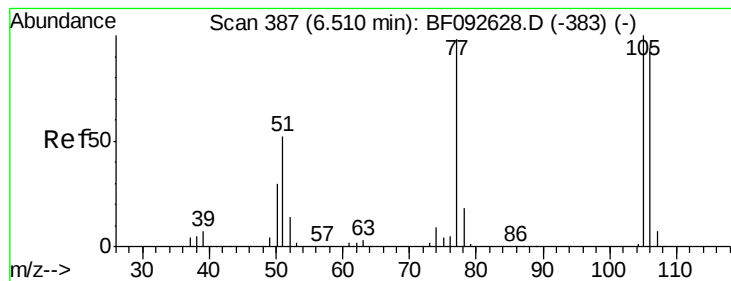
Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Tgt Ion:	128	Resp:	399511
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.3	52.3
64	47.9	32.2	72.2





#9

Benzaldehyde

Concen: 11.80 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

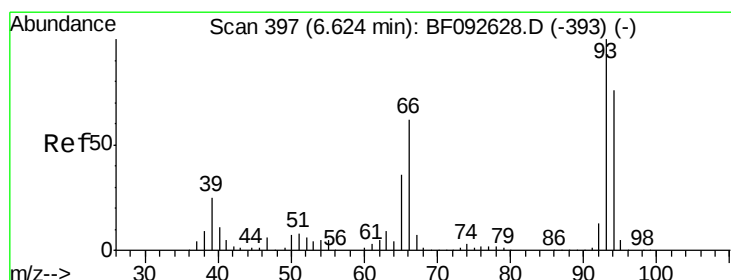
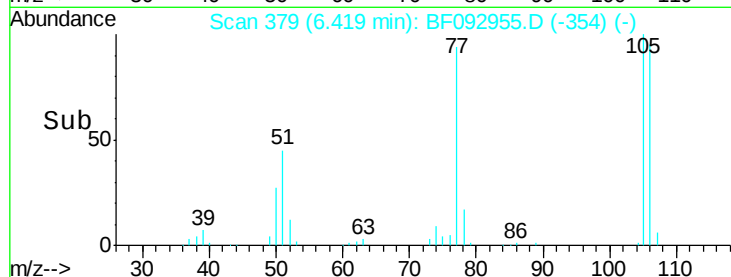
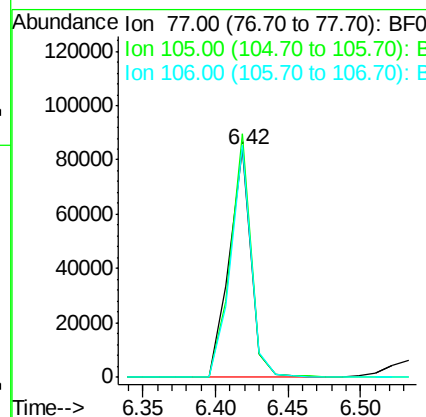
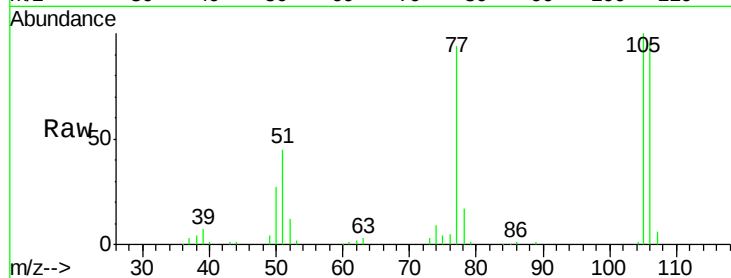
ClientSampleId :

PB96953BS

Tgt Ion:	77	Resp:	88028
Ion	Ratio	Lower	Upper
77	100		
105	107.0	83.9	123.9
106	101.7	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 36.73 ng

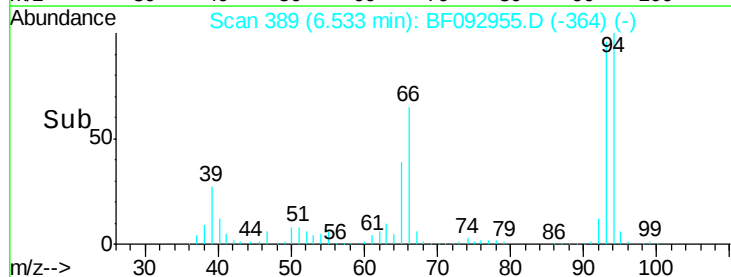
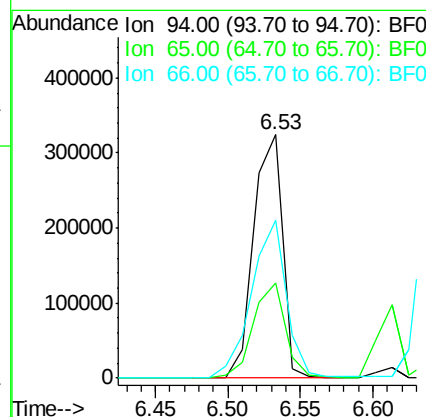
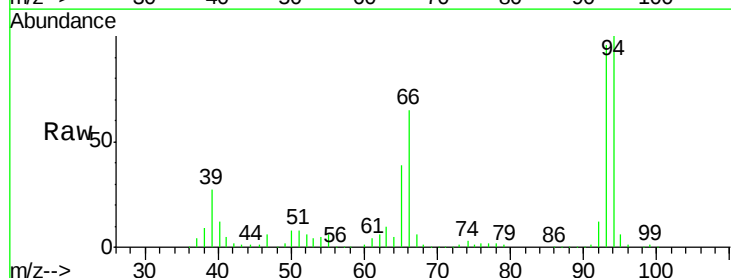
RT: 6.53 min Scan# 389

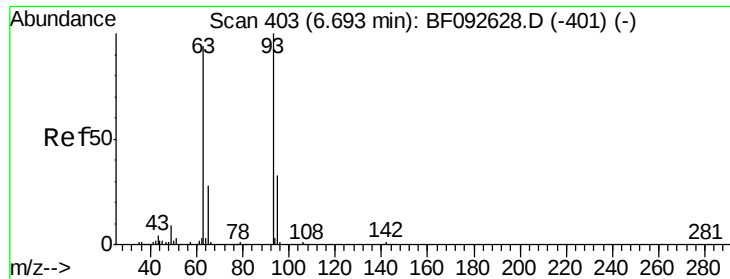
Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Tgt Ion:	94	Resp:	447420
Ion	Ratio	Lower	Upper
94	100		
65	39.2	21.4	61.4
66	64.9	44.0	84.0





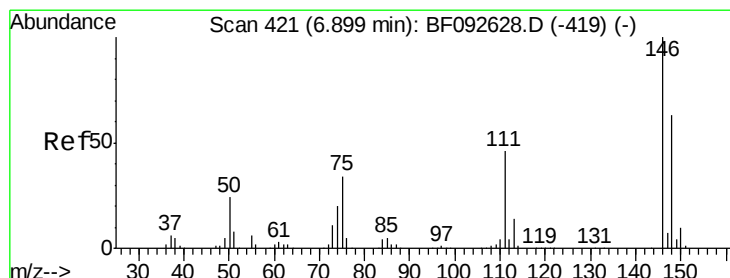
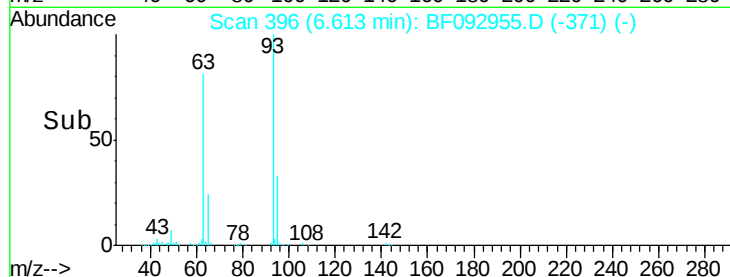
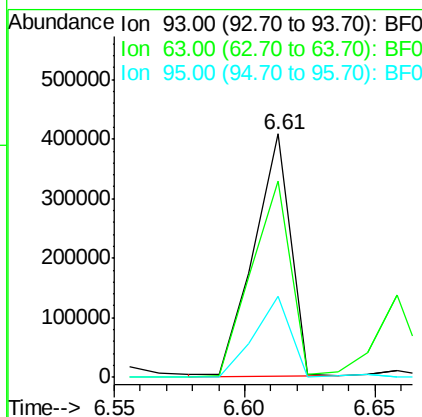
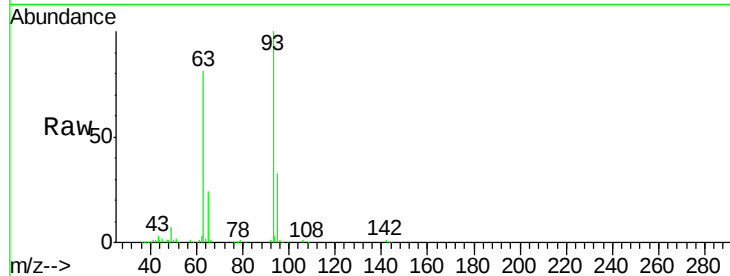
#11
bis(2-Chloroethyl)ether
Concen: 41.29 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Instrument :
BNA_F
ClientSampleId :
PB96953BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	80.6	60.4	100.4
95	33.3	12.8	52.8

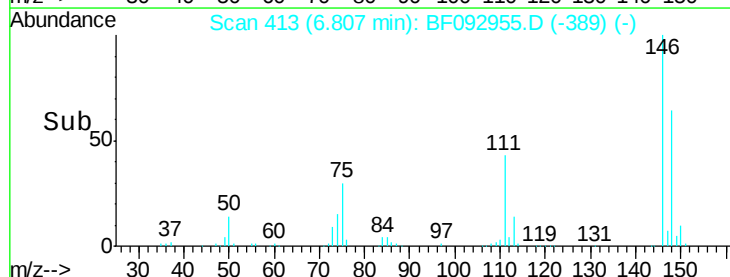
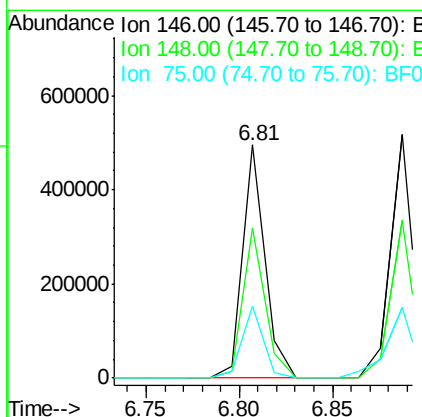
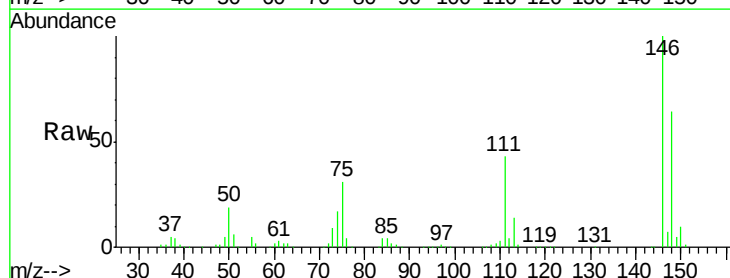
Manual Integrations
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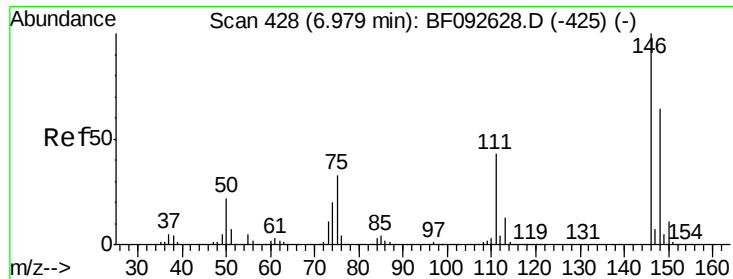
mohammad
2/16/2017 11:40:11 AM



#12
1,3-Dichlorobenzene
Concen: 39.45 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	53.4	80.0
75	31.2	18.5	27.7





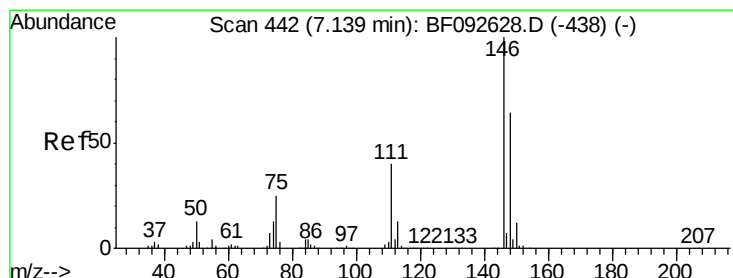
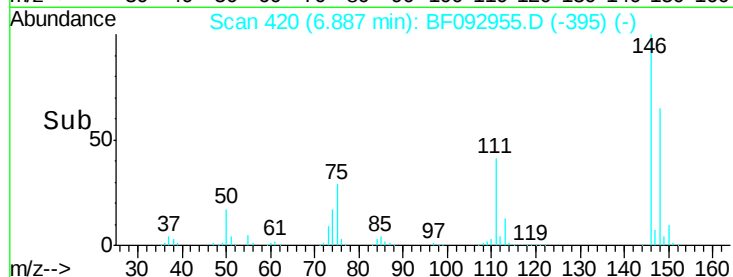
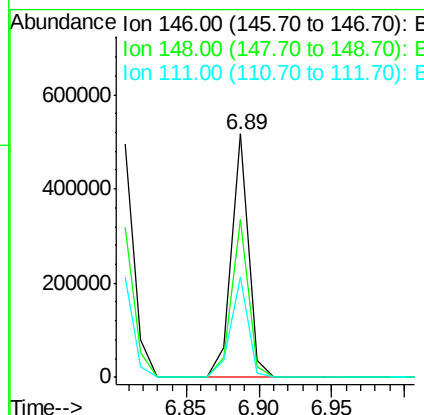
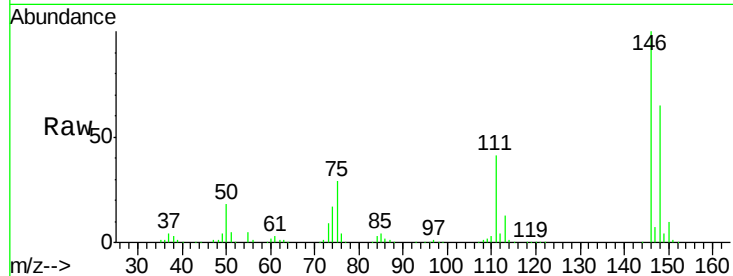
#13
1,4-Dichlorobenzene
Concen: 40.16 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Instrument :
BNA_F
ClientSampleId :
PB96953BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	76.0
111	41.1	36.2	54.4

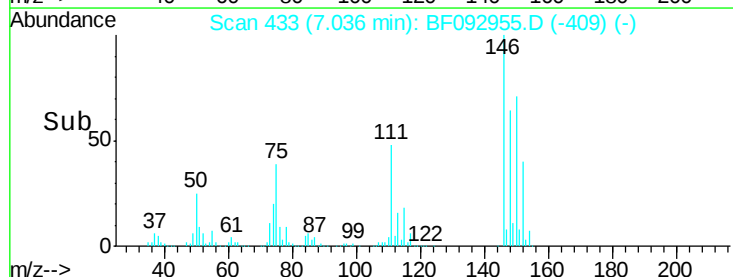
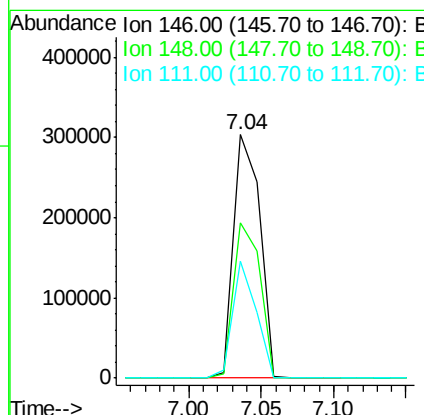
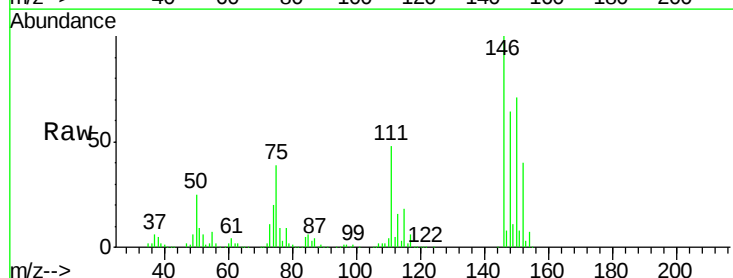
Manual Integrations
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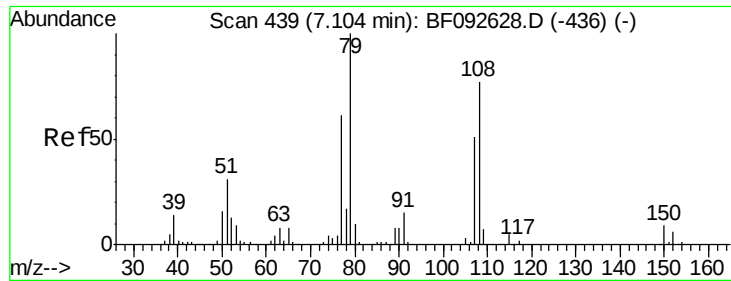
mohammad
2/16/2017 11:40:11 AM



#14
1,2-Dichlorobenzene
Concen: 37.79 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.2
111	48.2	36.2	54.2





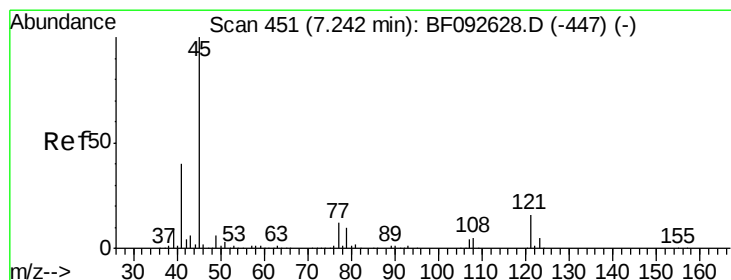
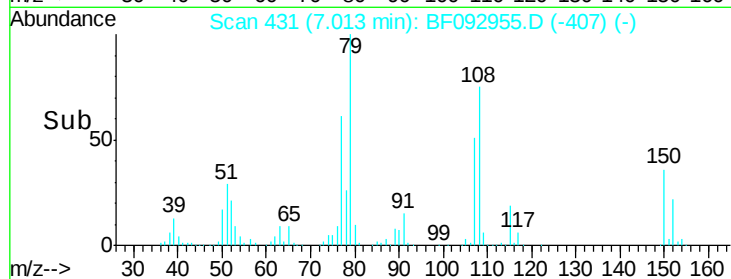
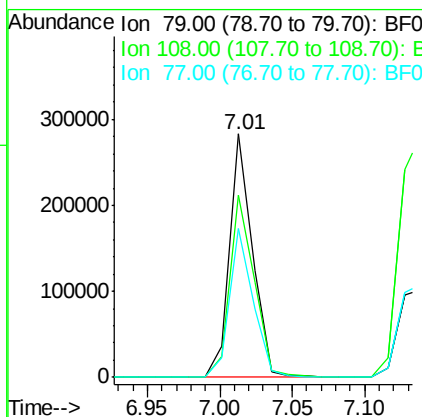
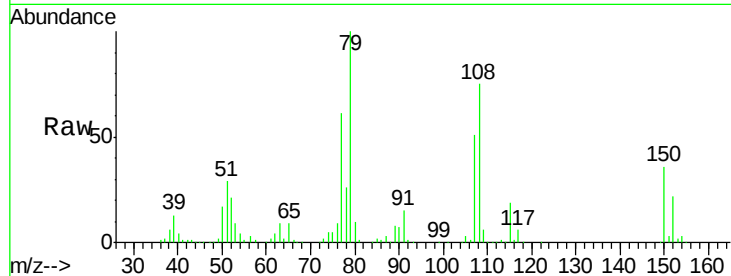
#15
Benzyl Alcohol
Concen: 40.57 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Instrument :
BNA_F
ClientSampleId :
PB96953BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	75.0	61.4	92.0
77	61.3	50.9	76.3

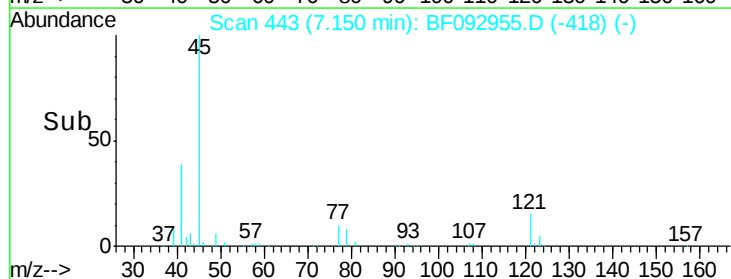
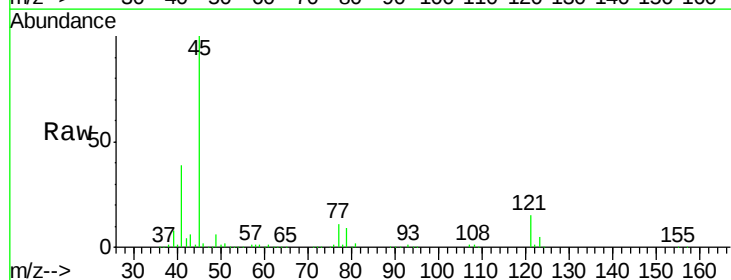
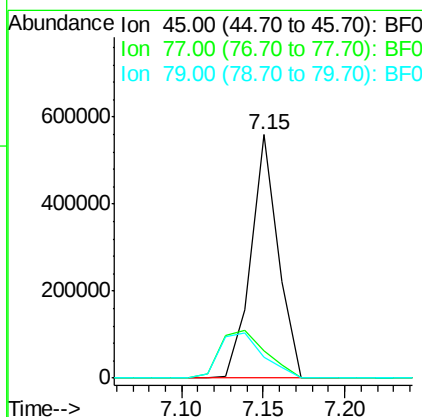
Manual Integrations
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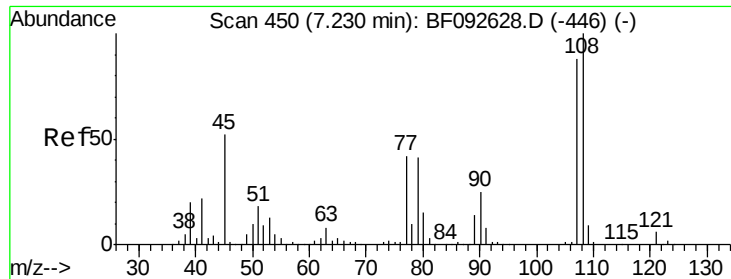
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.33 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.0	0.0	34.6
79	8.8	0.0	31.2





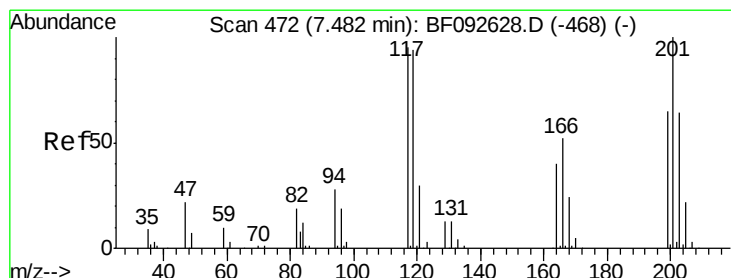
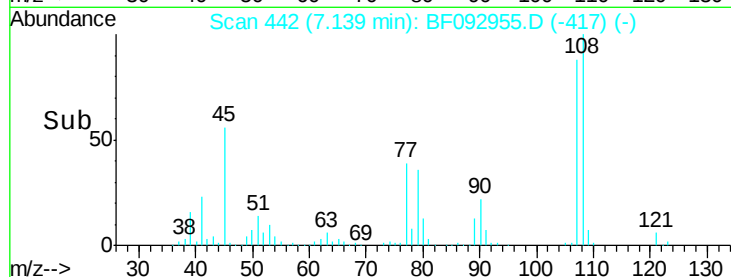
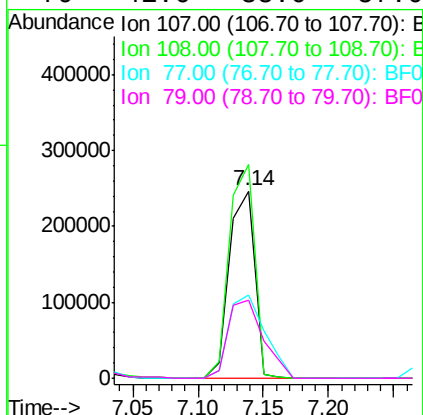
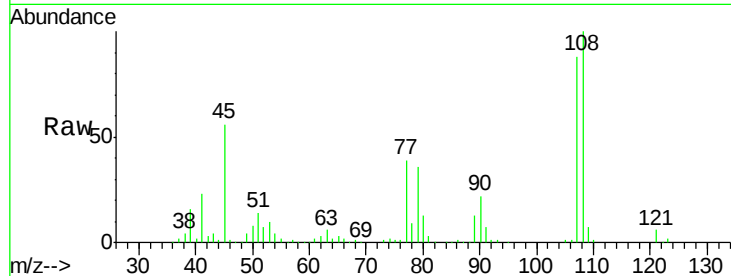
#17
2-Methylphenol
Concen: 43.51 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Instrument :
BNA_F
ClientSampleId :
PB96953BS

Tgt Ion:	107	Resp:	333193
Ion Ratio	Lower	Upper	
107	100		
108	114.0	93.0	139.6
77	44.2	39.8	59.8
79	41.6	38.0	57.0

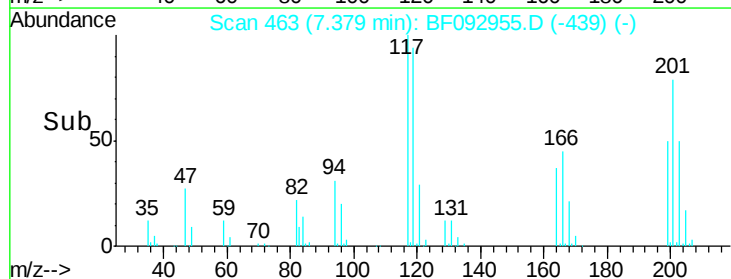
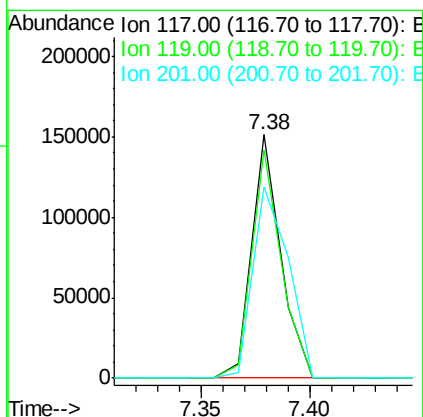
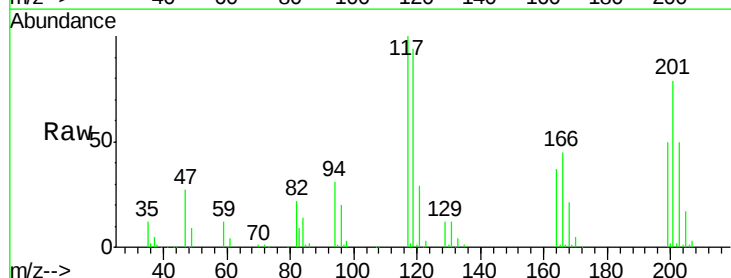
Manual Integrations
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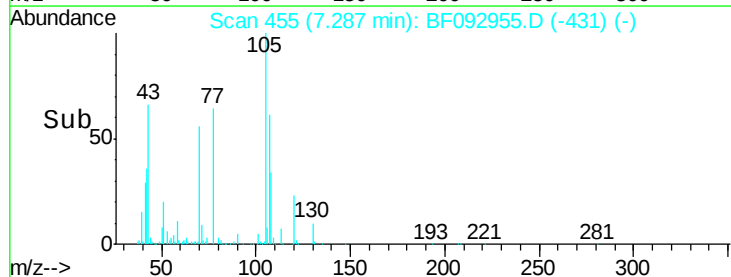
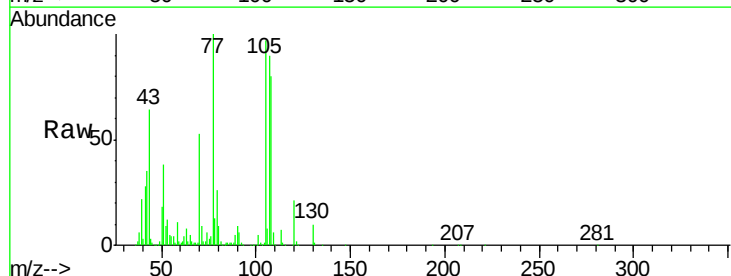
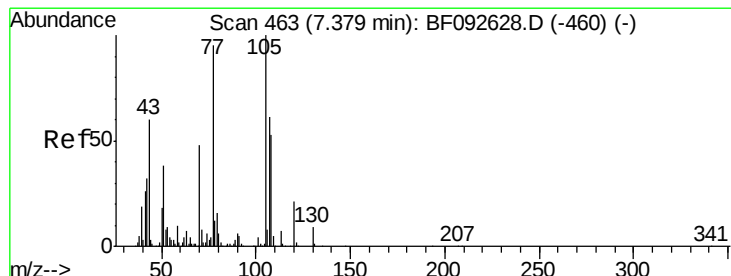
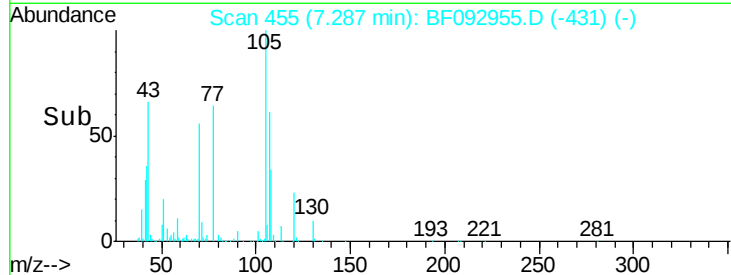
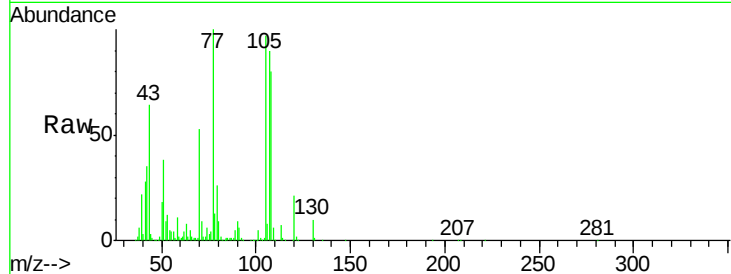
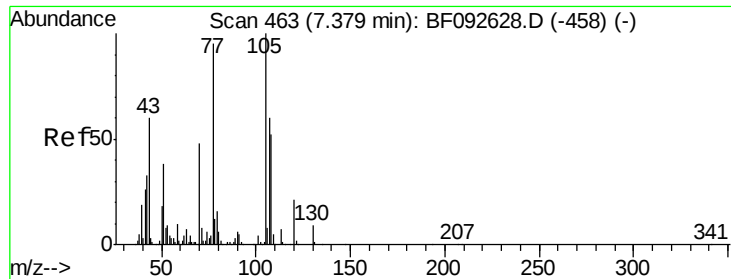
mohammad
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#18
Hexachloroethane
Concen: 38.86 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion:	117	Resp:	140387
Ion Ratio	Lower	Upper	
117	100		
119	93.8	78.1	117.1
201	78.8	78.6	117.8





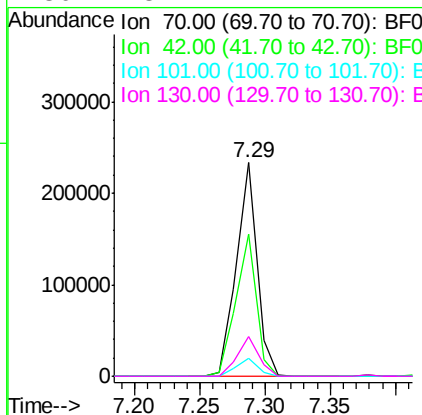
#19
n-Nitroso-di-n-propylamine
Concen: 38.74 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Instrument :
BNA_F
ClientSampleId :
PB96953BS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	256740		
42	66.3	49.4	74.0	
101	8.7	7.4	11.2	
130	18.7	14.2	21.4	

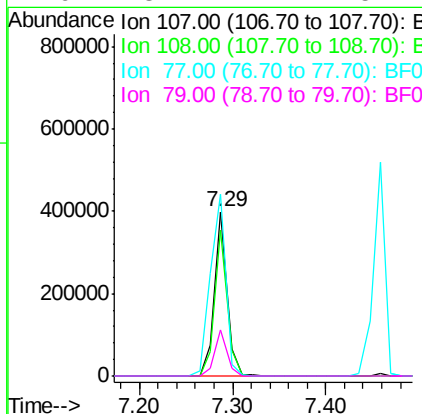
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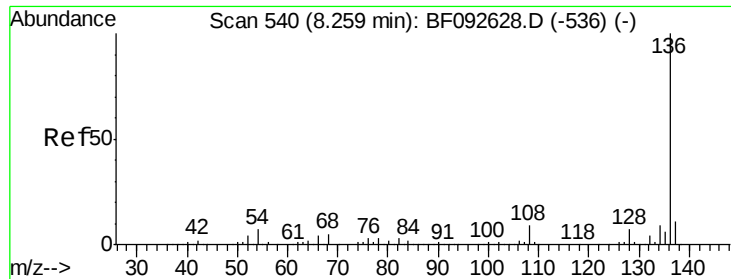
mohammad
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#20
3+4-Methylphenols
Concen: 41.00 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	375414		
108	89.1	73.0	113.0	
77	110.7	71.3	111.3	
79	28.4	11.1	51.1	





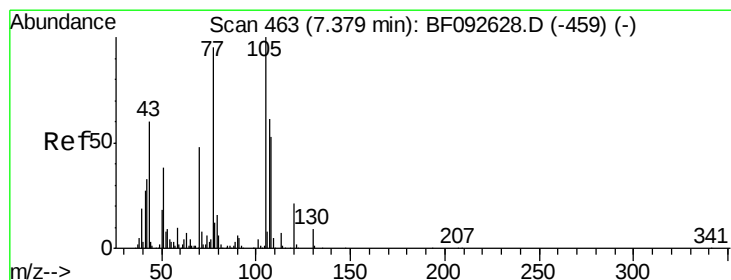
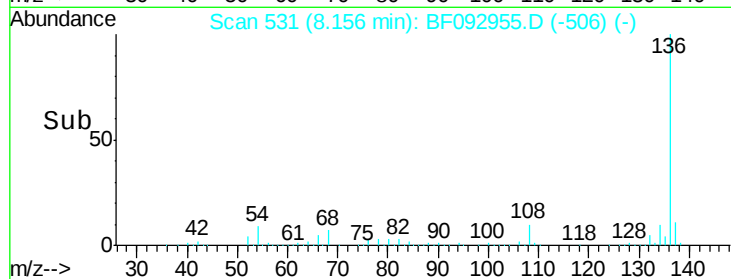
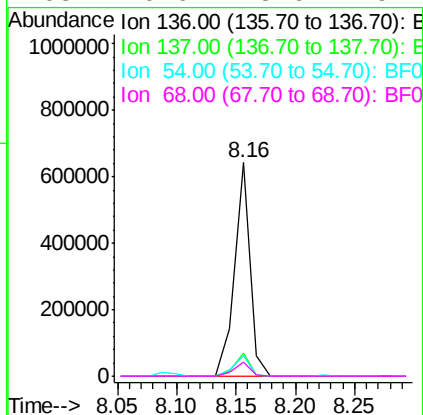
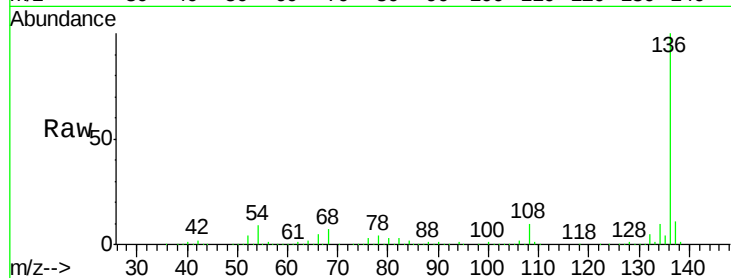
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Instrument :
BNA_F
ClientSampleId :
PB96953BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.7	8.4	12.6
54	9.4	4.5	6.7#
68	6.6	3.6	5.4#

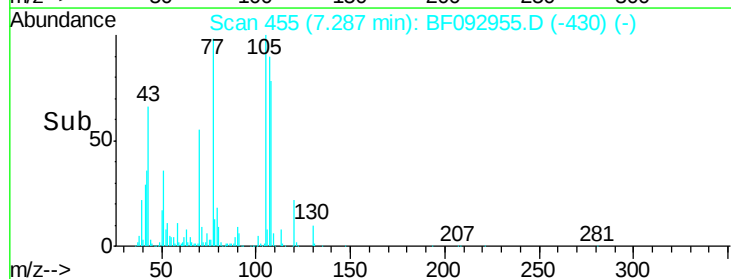
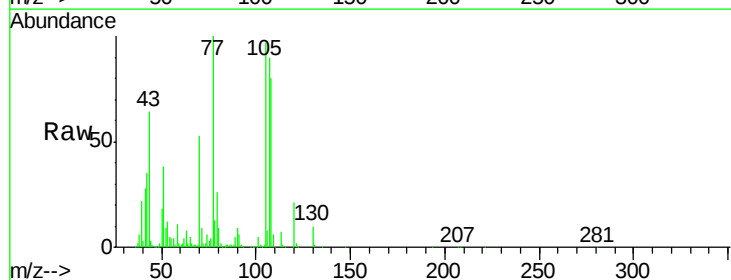
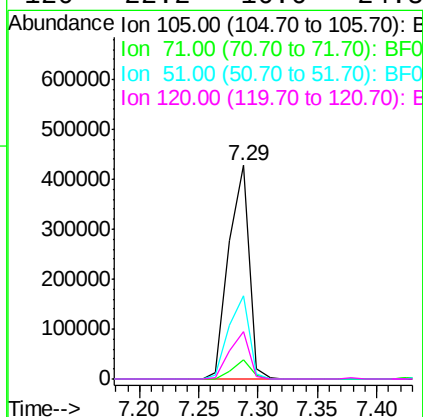
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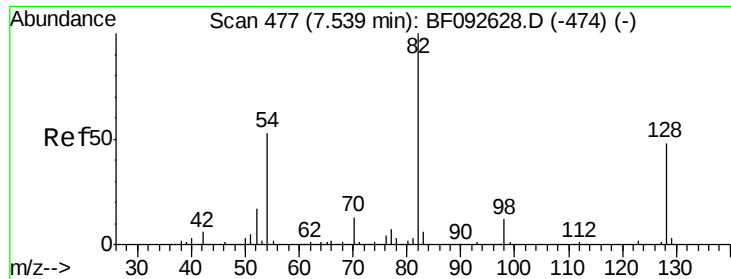
mohammad
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#22
Acetophenone
Concen: 38.34 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	9.1	3.2	4.8#
51	38.8	26.2	39.4
120	22.2	16.6	24.8





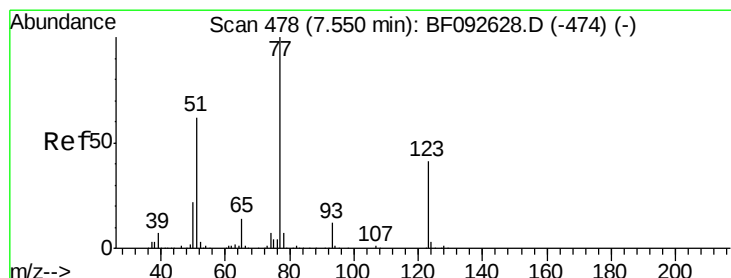
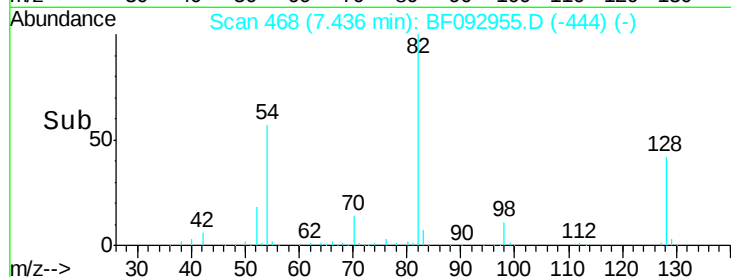
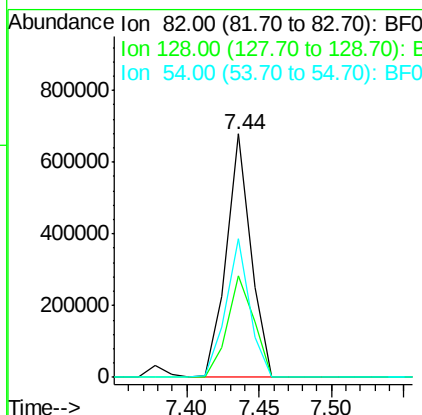
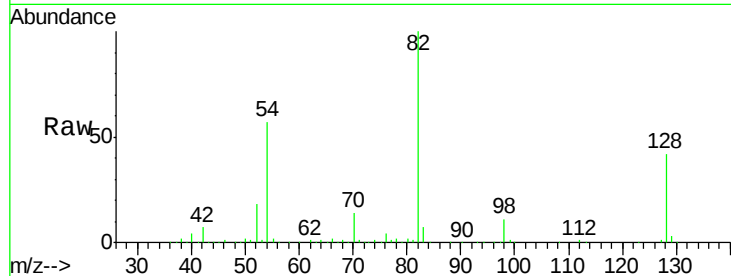
#23
 Nitrobenzene-d5
 Concen: 76.29 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96953BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.6	52.0
54	57.0	39.5	59.3

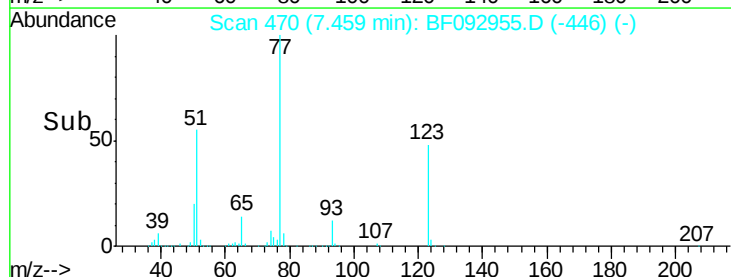
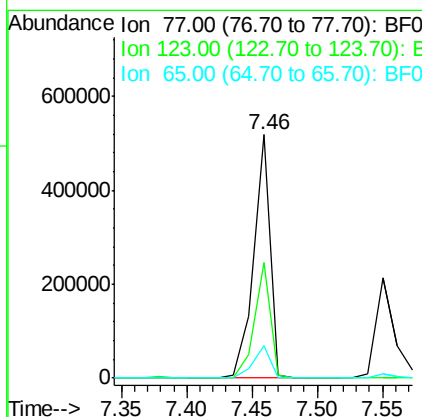
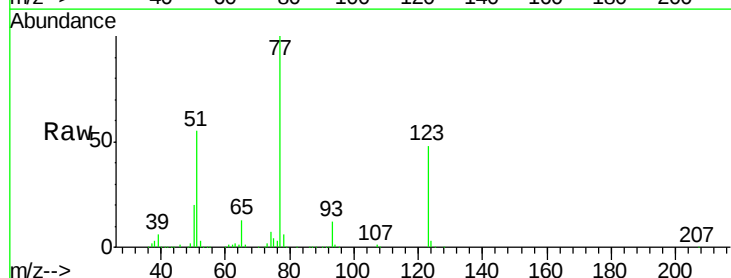
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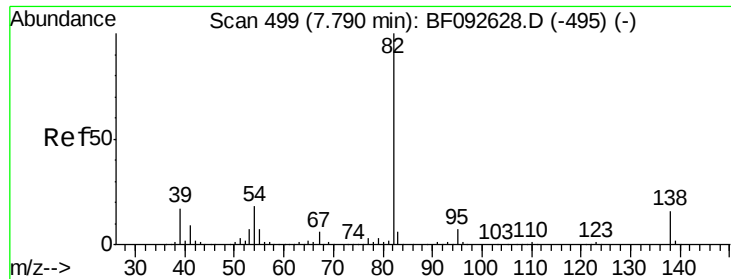
mohammad
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#24
 Nitrobenzene
 Concen: 42.76 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.6	33.0	49.4
65	13.5	11.2	16.8





#25

Isophorone

Concen: 40.11 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

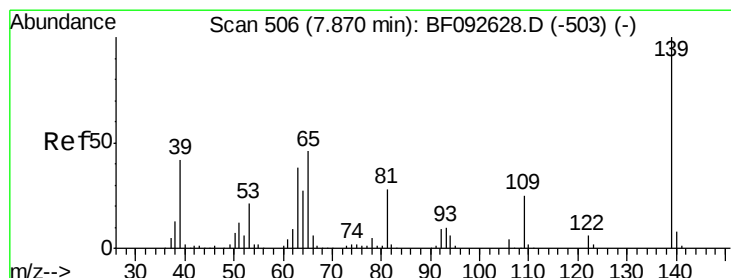
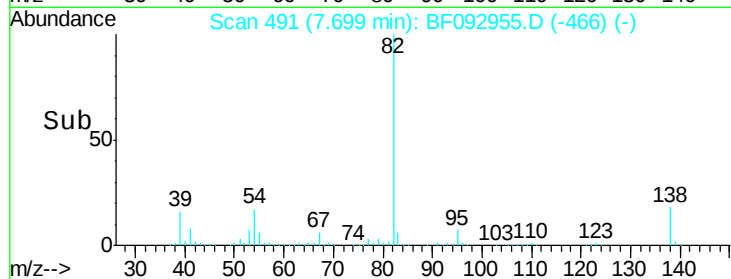
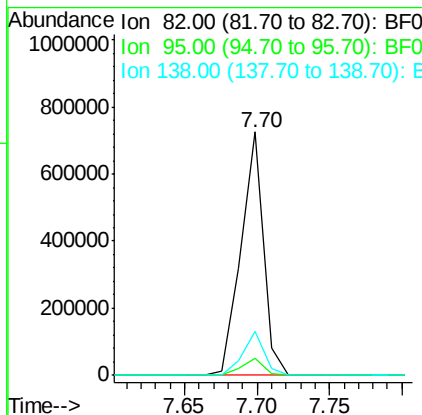
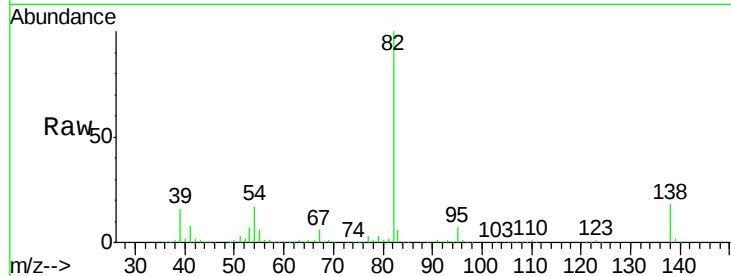
ClientSampleId :

PB96953BS

Tgt Ion:	82	Resp:	781119
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.6	8.4
138	17.8	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.71 ng

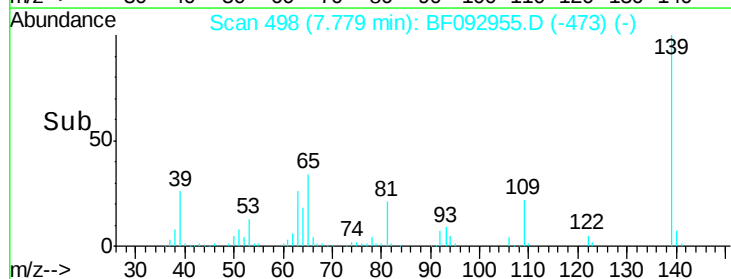
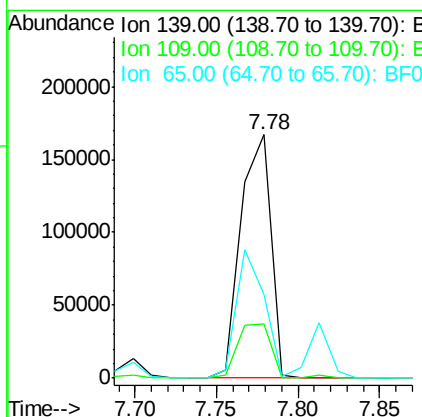
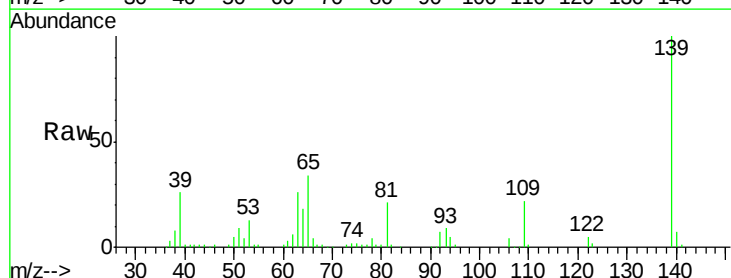
RT: 7.78 min Scan# 498

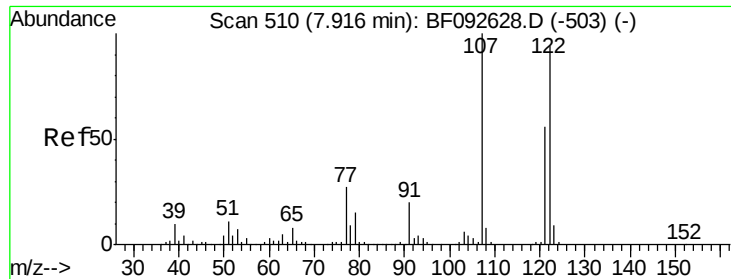
Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Tgt Ion:	139	Resp:	212733
Ion Ratio	Lower	Upper	
139	100		
109	22.0	23.3	34.9#
65	34.1	42.7	64.1#





#27

2,4-Dimethylphenol

Concen: 38.86 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.02 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

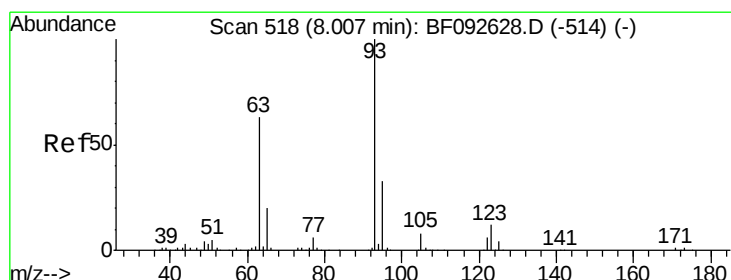
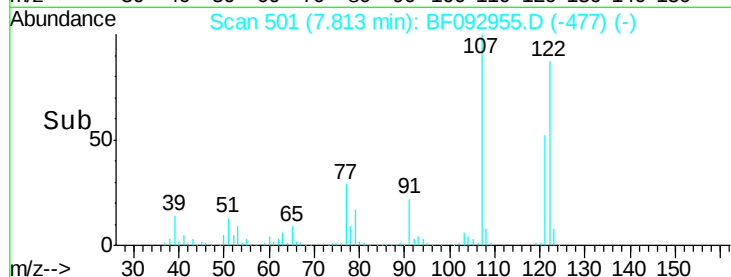
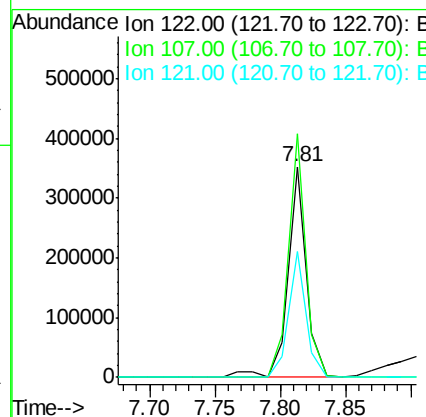
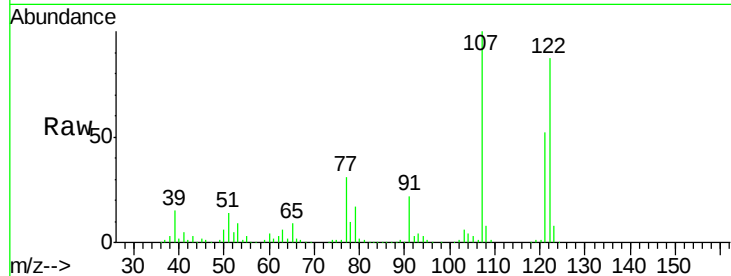
ClientSampled :

PB96953BS

Tgt Ion:	122	Resp:	348097
Ion Ratio	Lower	Upper	
122	100		
107	115.6	94.1	141.1
121	59.7	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 35.12 ng

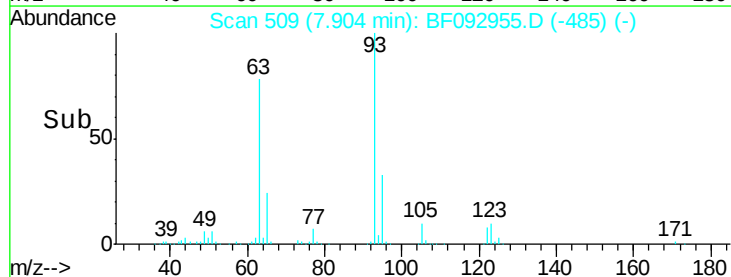
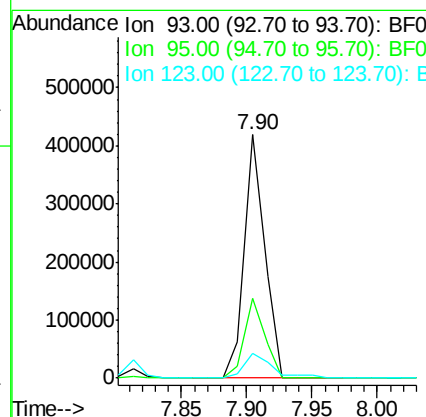
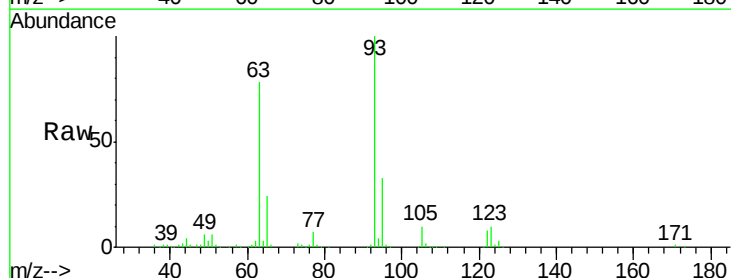
RT: 7.90 min Scan# 509

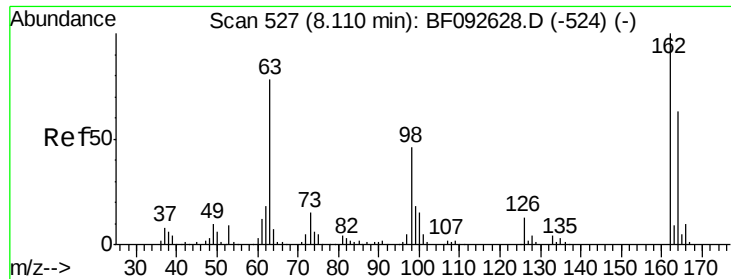
Delta R.T. -0.02 min

Lab File: BF092955.D

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Tgt Ion:	93	Resp:	452919
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.5	39.7
123	10.1	8.6	13.0





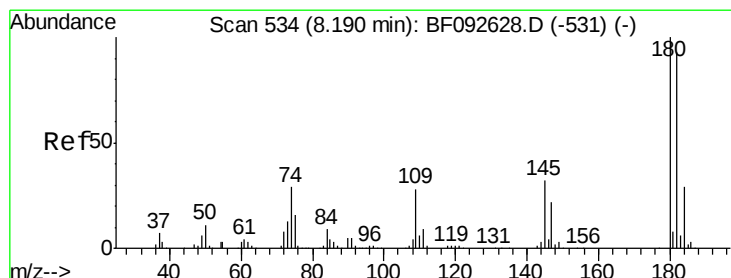
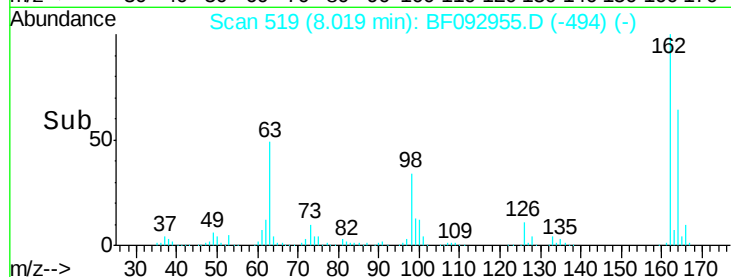
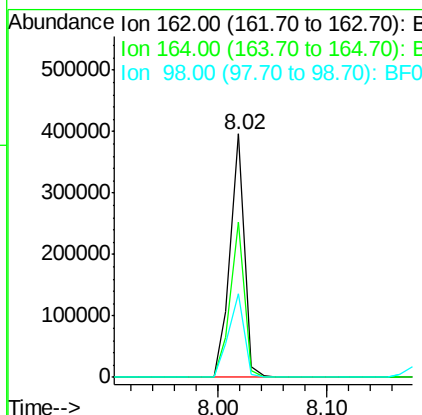
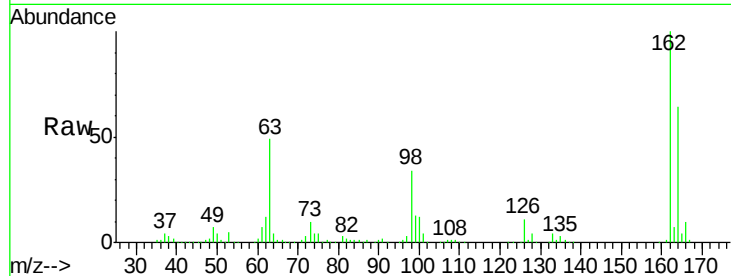
#29
2,4-Dichlorophenol
Concen: 43.10 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Instrument :
BNA_F
ClientSampled :
PB96953BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.5	46.8	86.8
98	34.1	9.1	49.1

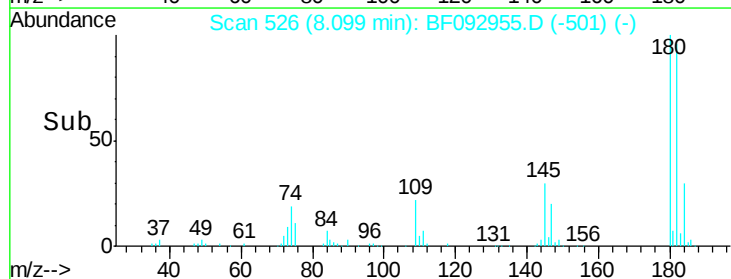
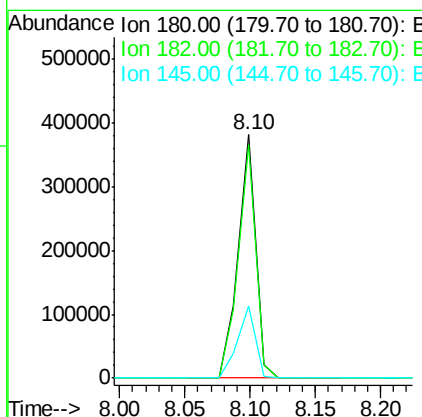
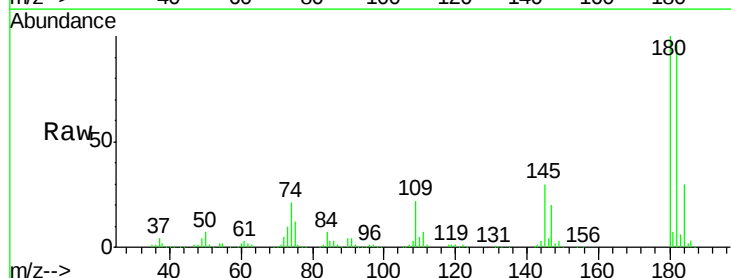
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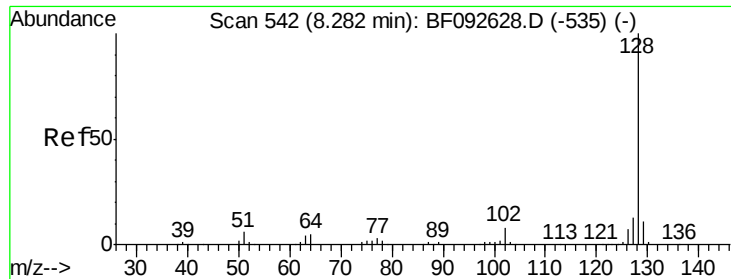
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#30
1,2,4-Trichlorobenzene
Concen: 39.48 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.0	78.2	117.4
145	29.8	21.6	32.4





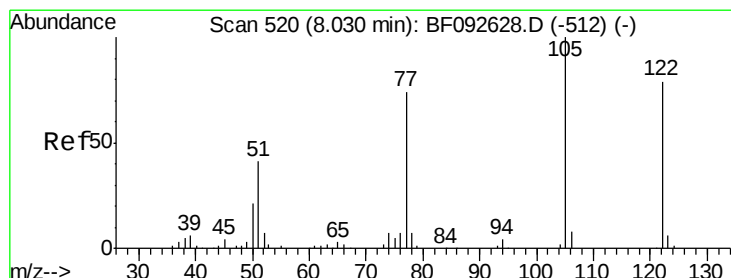
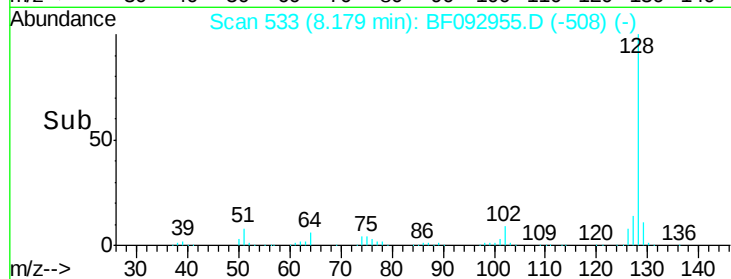
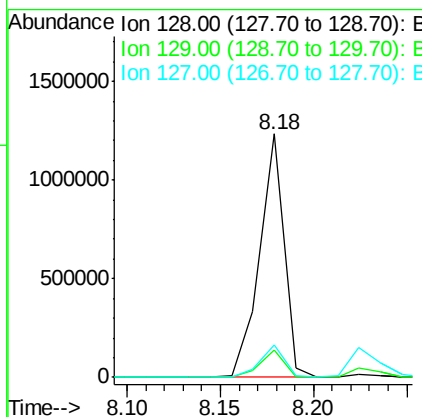
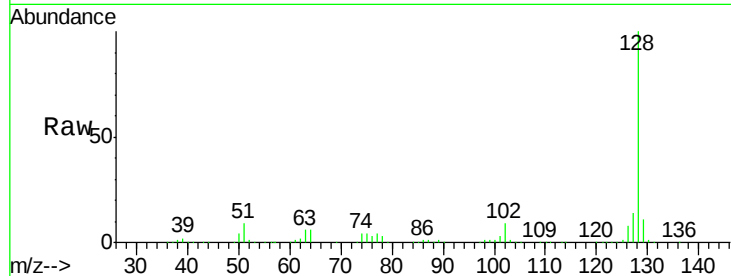
#31
Naphthalene
Concen: 37.81 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Instrument :
BNA_F
ClientSampleId :
PB96953BS

Tgt Ion:128 Resp: 1115354
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.6 10.8 16.2

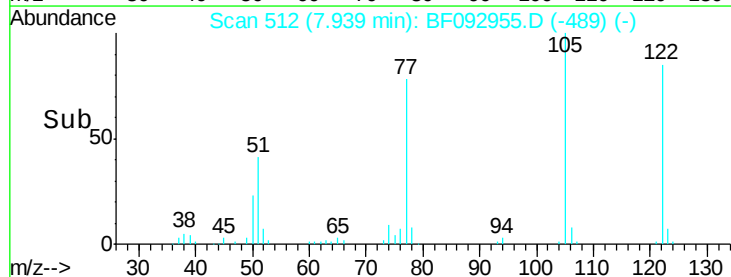
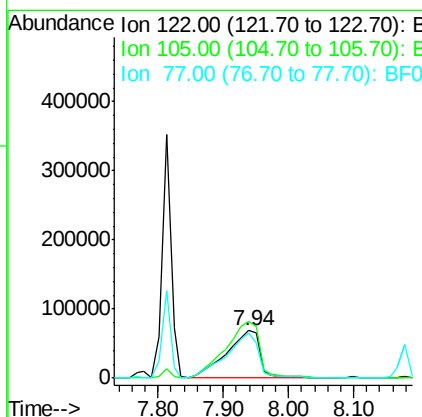
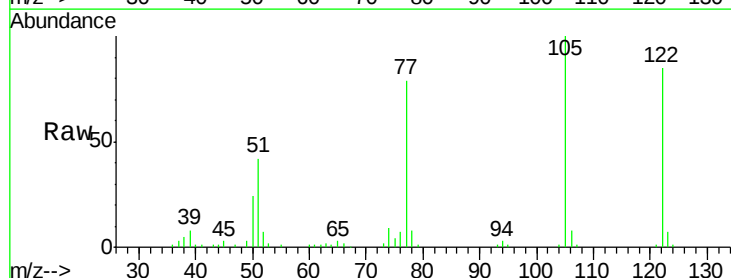
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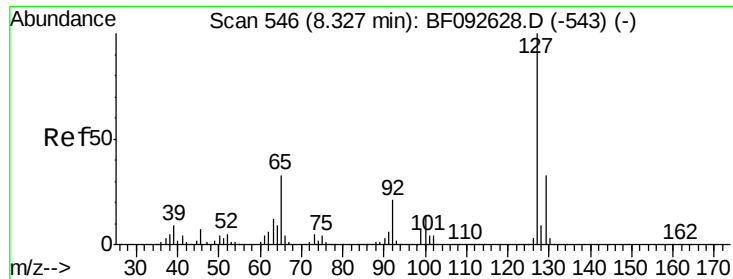
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#32
Benzoic acid
Concen: 47.81 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion:122 Resp: 242476
Ion Ratio Lower Upper
122 100
105 118.1 107.2 147.2
77 93.7 74.5 114.5





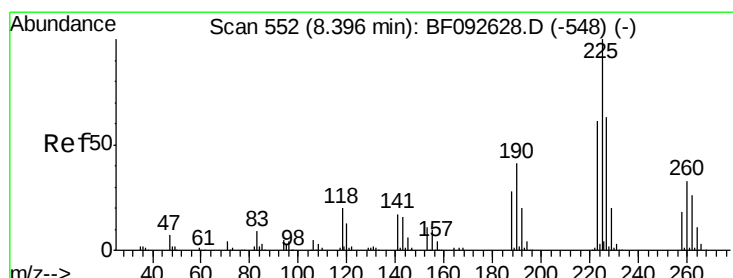
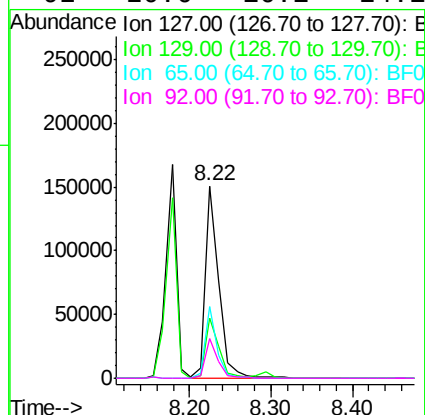
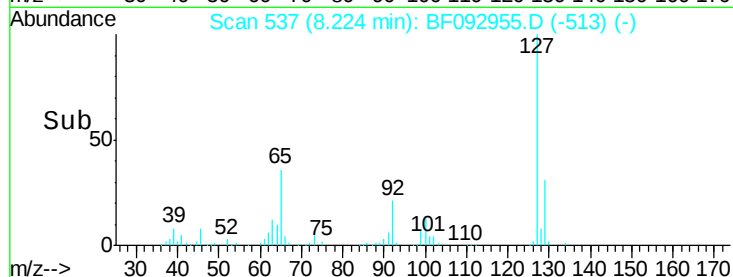
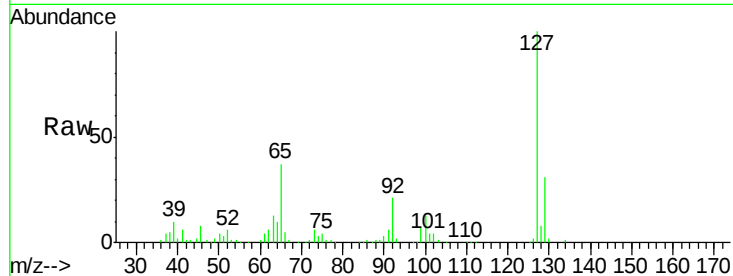
#33
4-Chloroaniline
Concen: 15.37 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Instrument :
BNA_F
ClientSampleId :
PB96953BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	177826		
129	31.4	26.3	39.5	
65	37.4	25.8	38.8	
92	20.6	16.1	24.1	

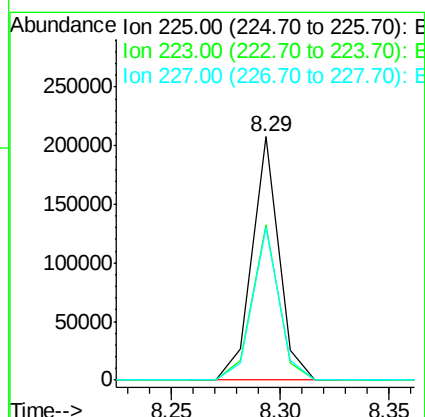
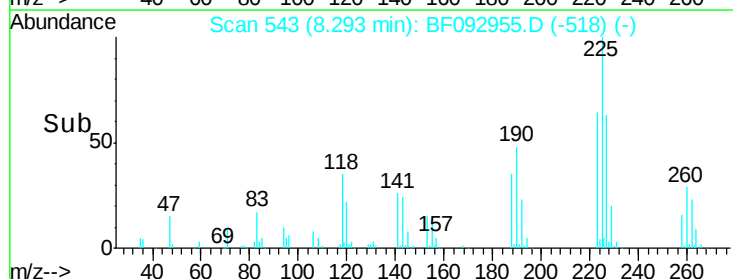
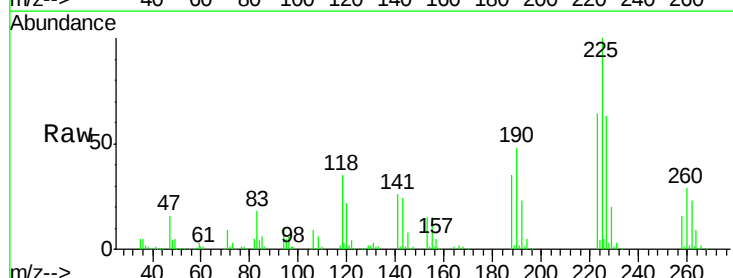
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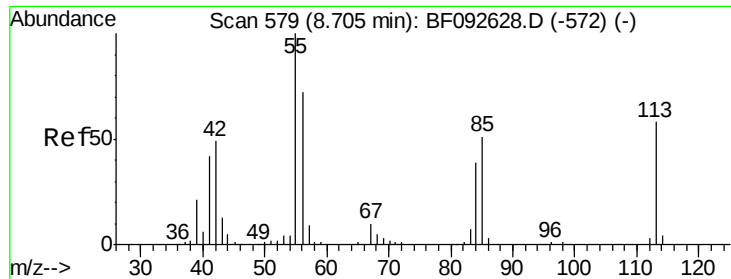
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#34
Hexachlorobutadiene
Concen: 35.92 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	177922		
223	63.8	51.0	76.6	
227	62.7	50.6	76.0	





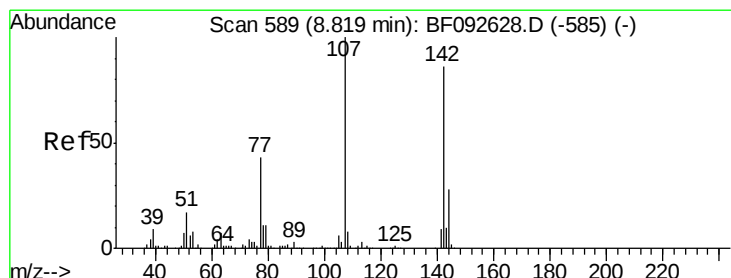
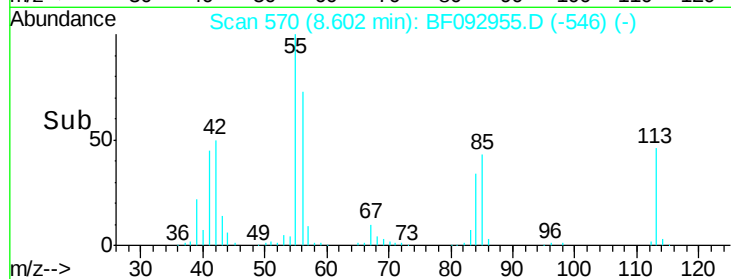
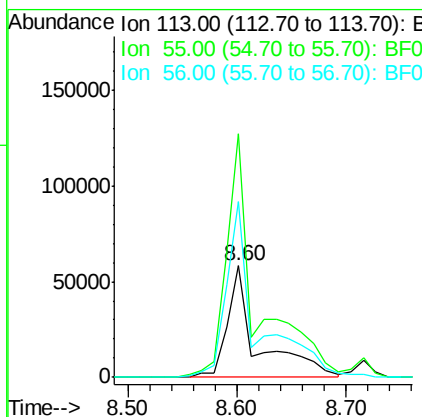
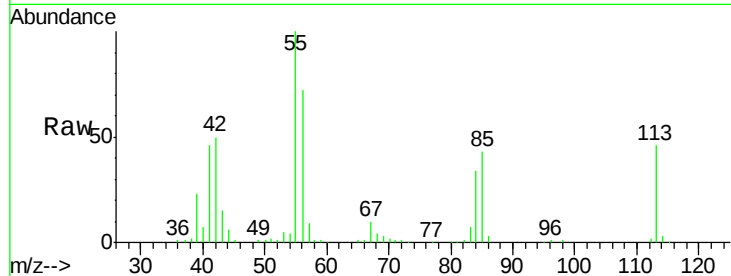
#35
 Caprolactam
 Concen: 42.68 ng m
 RT: 8.60 min Scan# 570
 Delta R.T. -0.02 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96953BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	218.1	119.2	159.2#	
56	157.8	83.8	123.8#	

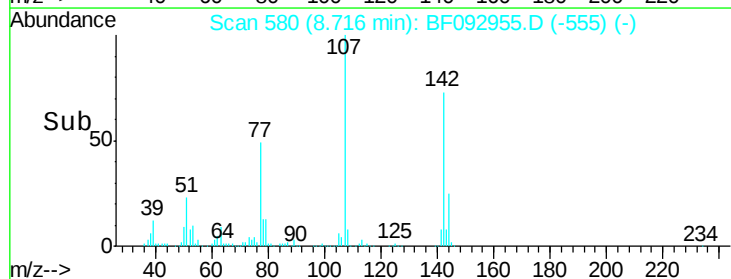
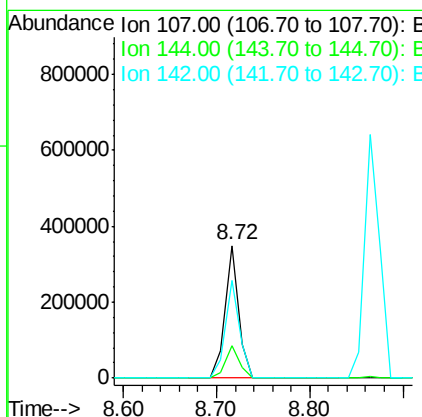
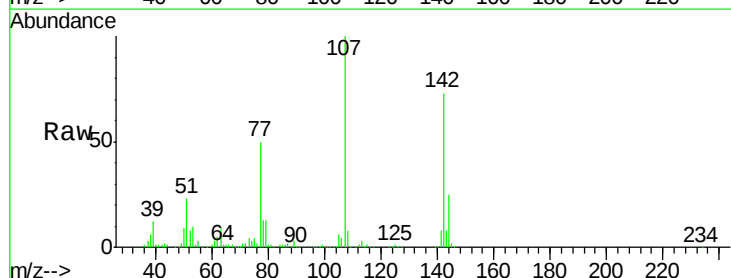
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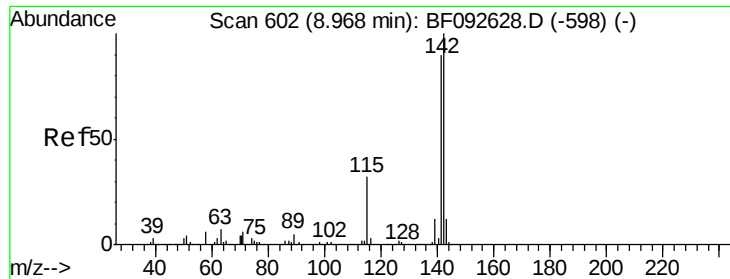
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#36
 4-Chloro-3-methylphenol
 Concen: 40.85 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.5	19.3	28.9	
142	73.5	59.0	88.6	





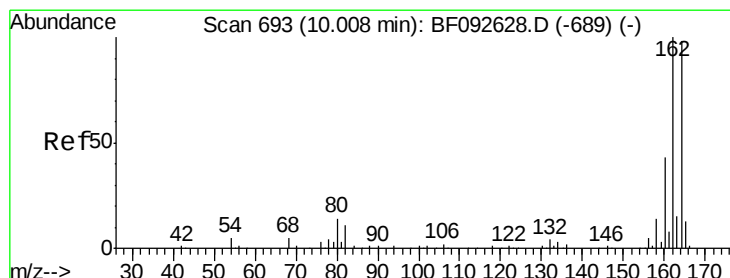
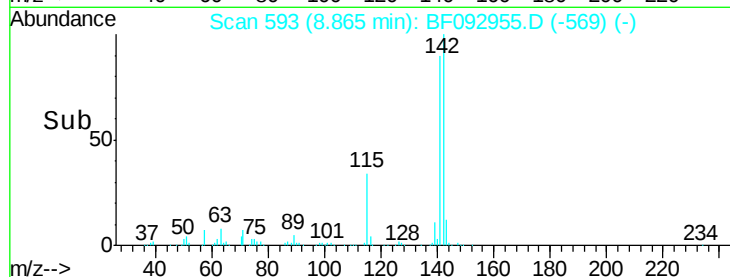
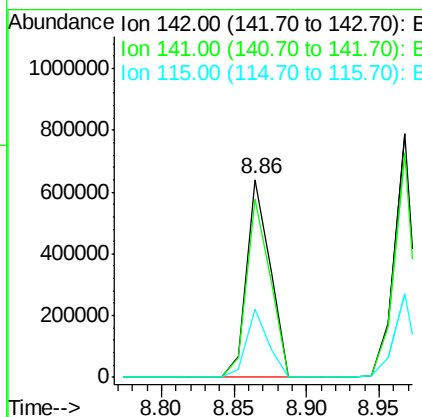
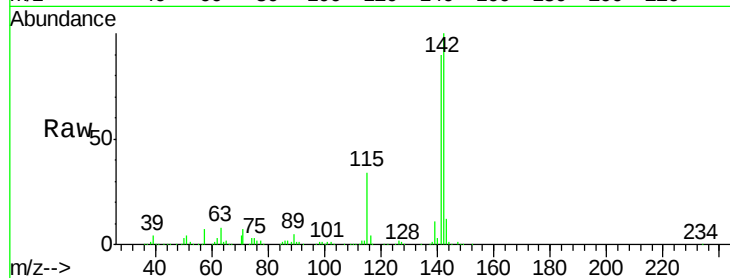
#37
2-Methylnaphthalene
Concen: 38.05 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Instrument :
BNA_F
ClientSampleId :
PB96953BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.0	106.6
115	34.2	28.3	42.5

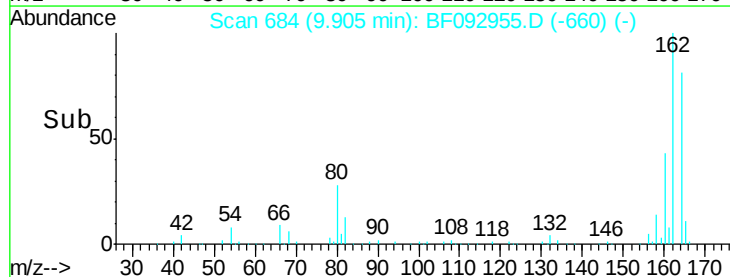
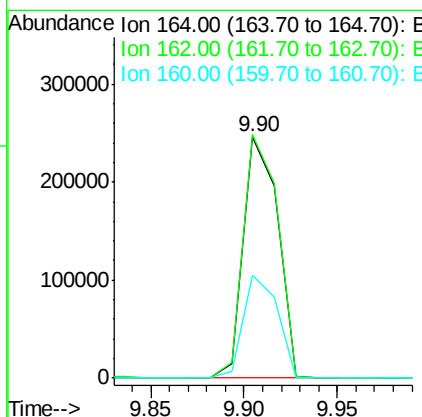
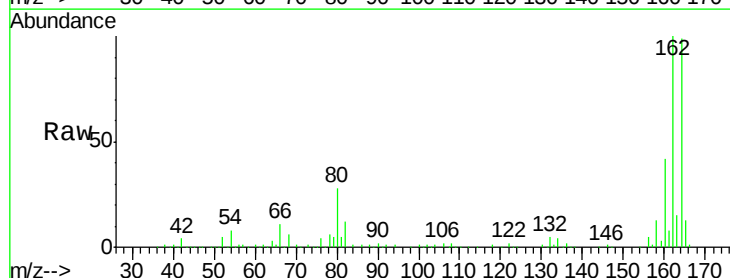
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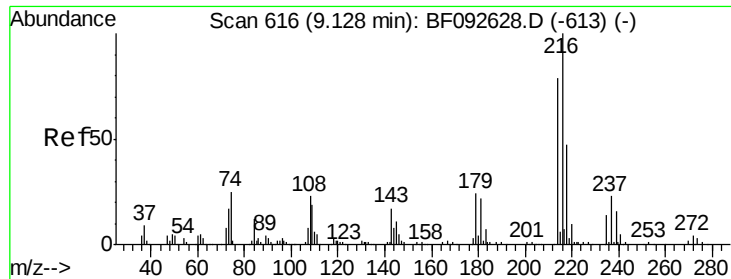
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.2	120.2
160	42.8	36.9	55.3





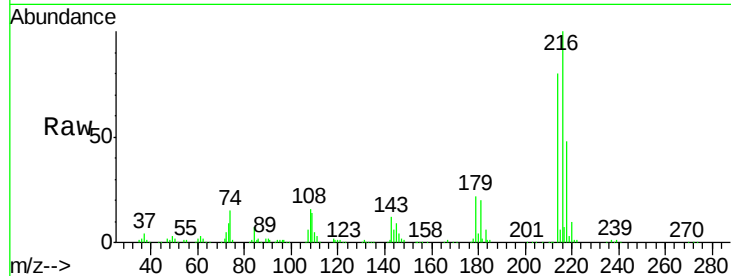
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.31 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96953BS

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.4	95.0
179	22.2	17.4	26.2
108	20.7	15.6	23.4

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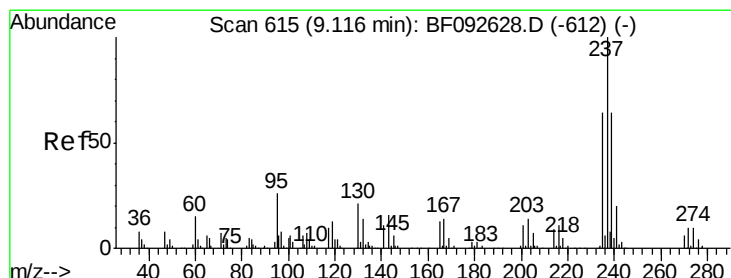
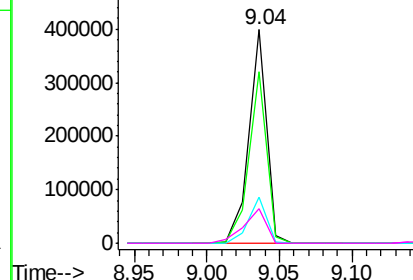
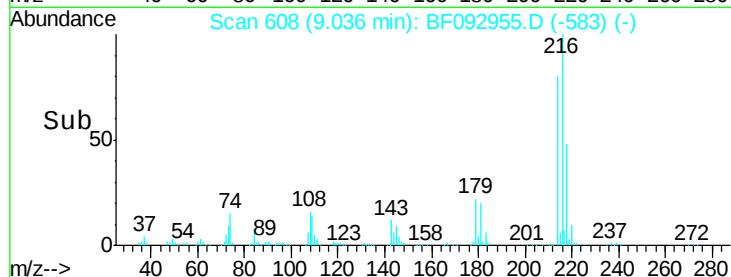
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

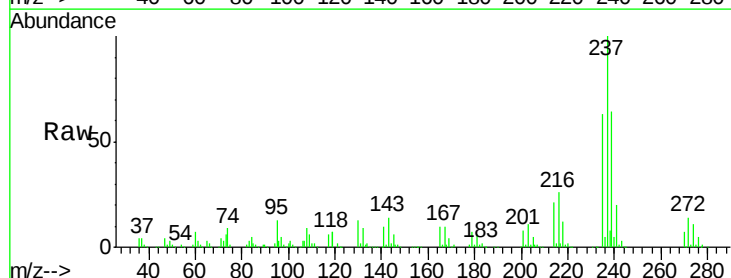
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 75.39 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.9	41.2	81.2
272	13.5	0.0	35.4

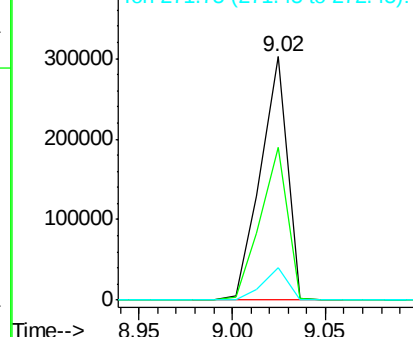
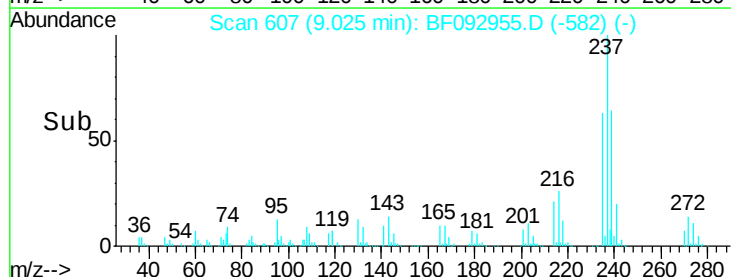


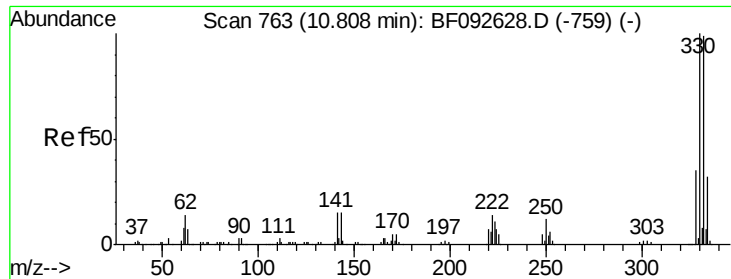
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





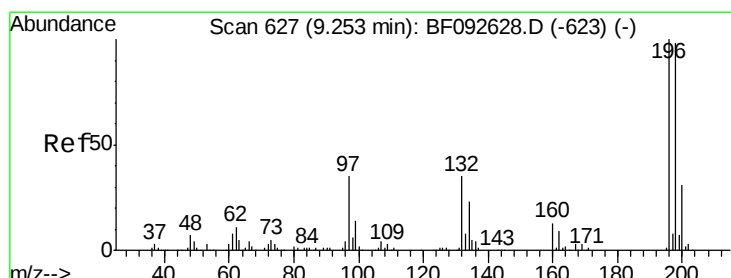
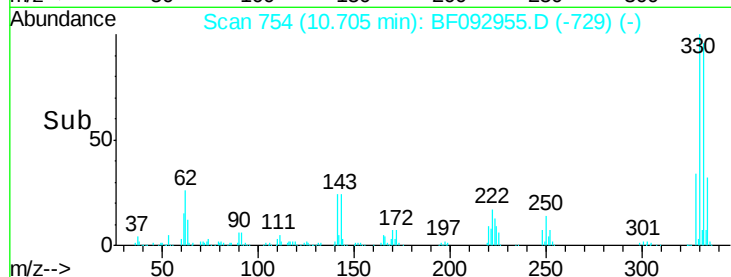
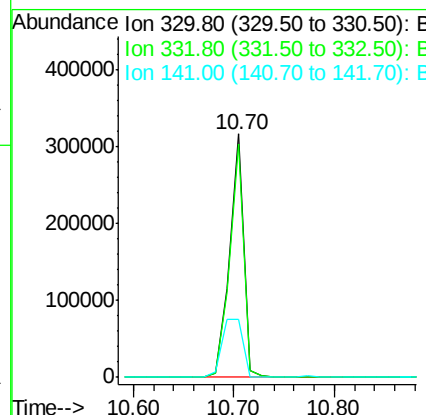
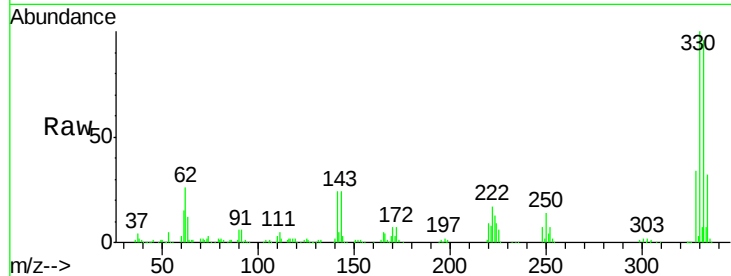
#41
 2,4,6-Tribromophenol
 Concen: 135.62 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96953BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	309431		
332	96.1	77.4	116.2	
141	35.6	34.1	51.1	

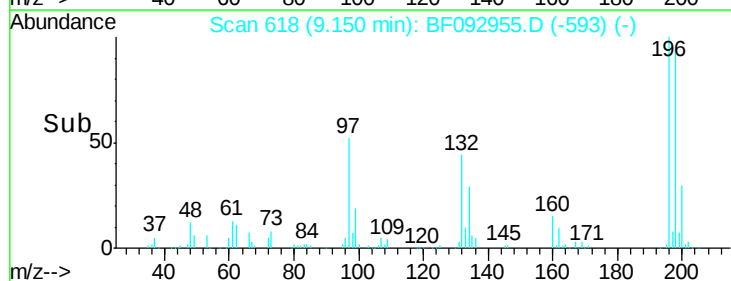
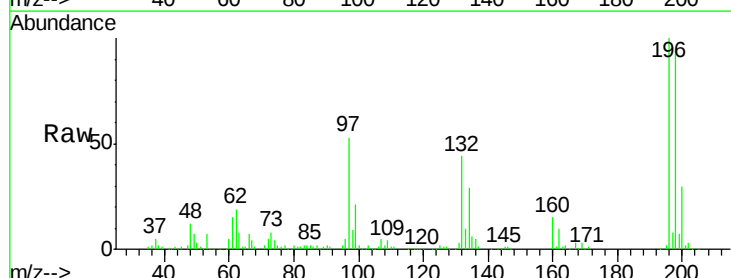
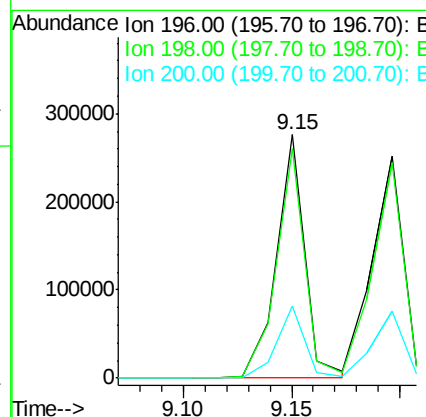
Manual Integrations
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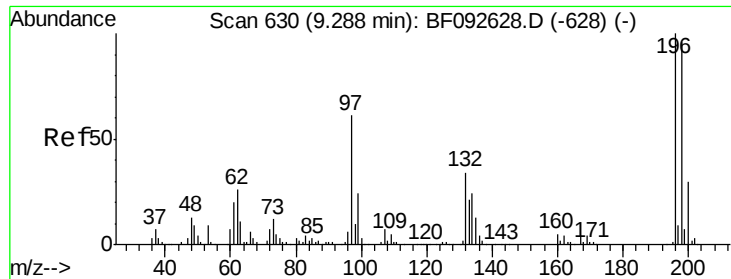
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#42
 2,4,6-Trichlorophenol
 Concen: 43.39 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

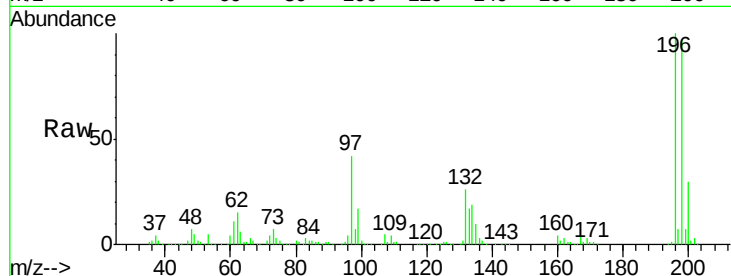
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	252449		
198	94.1	82.1	123.1	
200	29.6	27.0	40.4	





#43
 2,4,5-Trichlorophenol
 Concen: 39.78 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

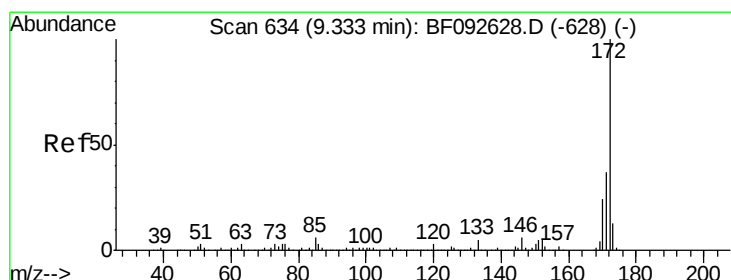
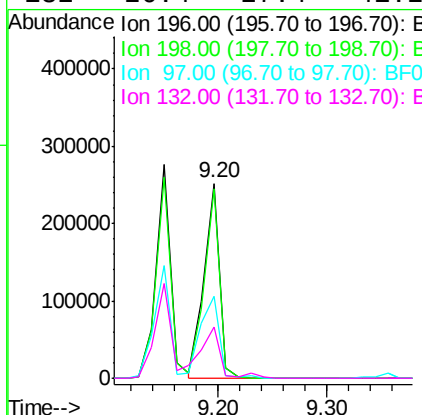
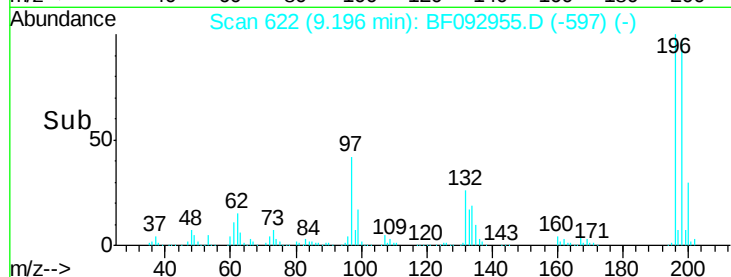
Instrument :
 BNA_F
 ClientSampleId :
 PB96953BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	253603		
198	97.2	79.4	119.2	
97	41.9	51.5	77.3	
132	26.4	27.4	41.2	

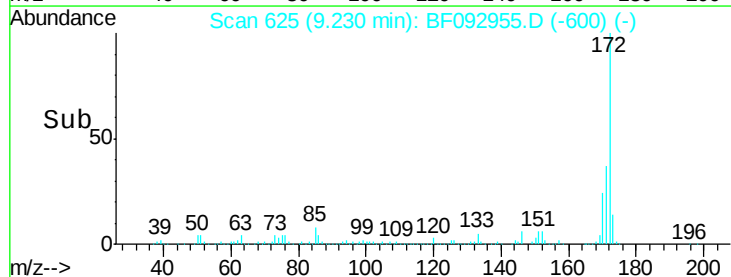
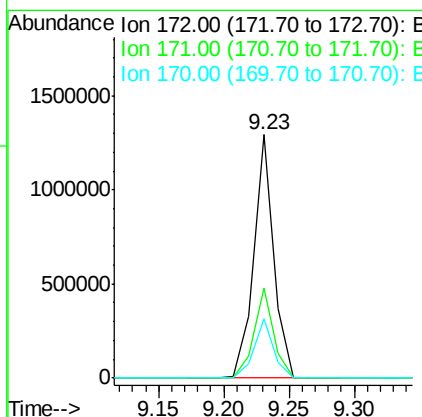
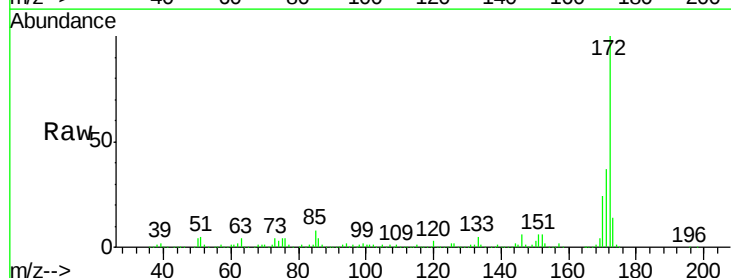
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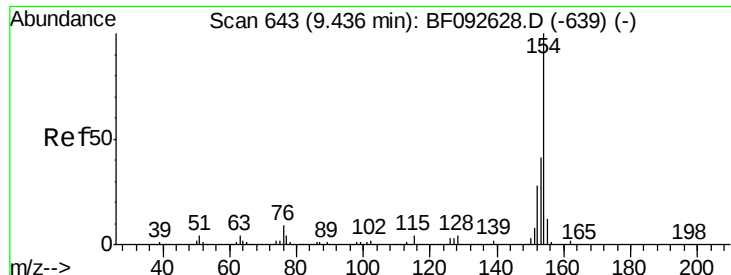
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 78.79 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1371996		
171	36.8	29.4	44.0	
170	24.5	20.2	30.4	





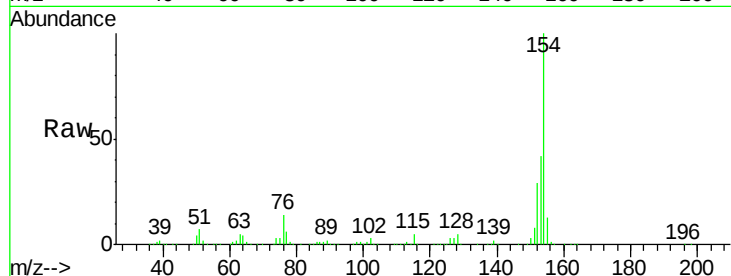
#45
 1,1'-Biphenyl
 Concen: 40.02 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96953BS

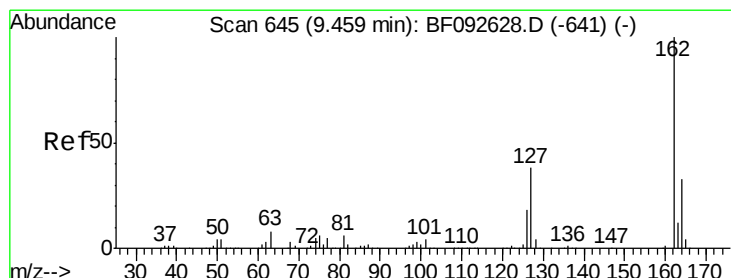
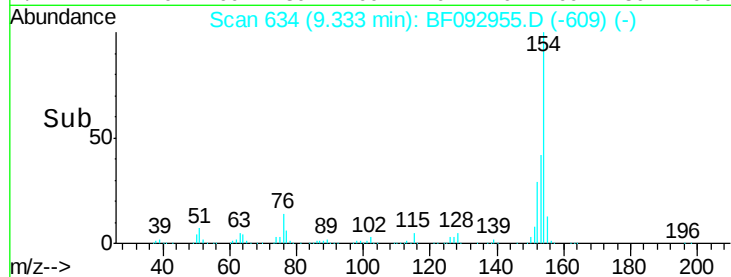
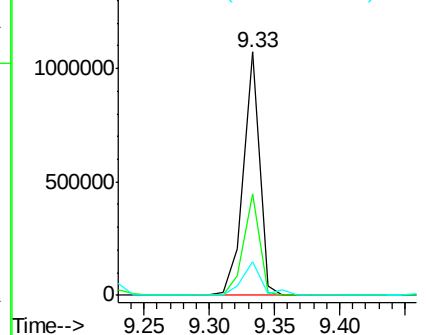
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	914123		
153	41.6	20.9	60.9	
76	13.7	0.0	30.5	

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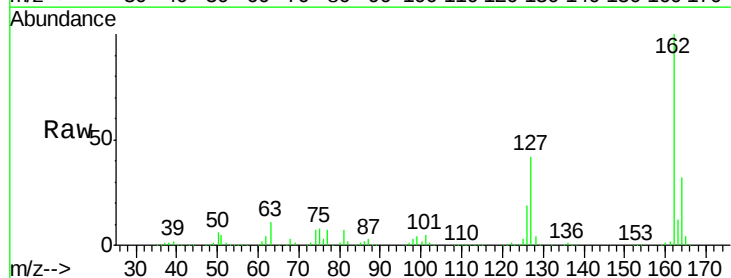


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

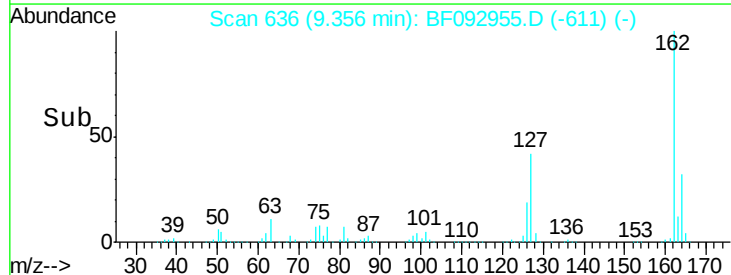
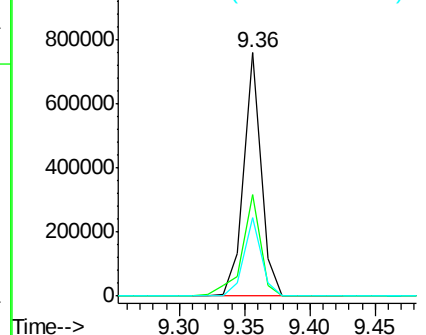


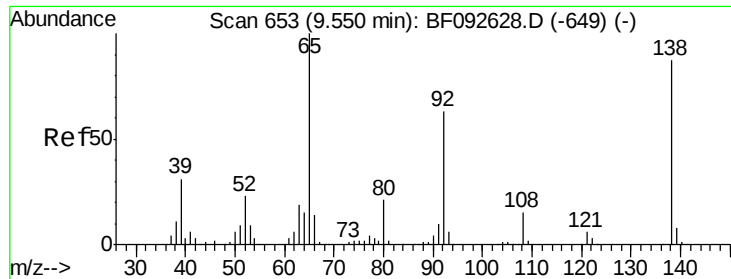
#46
 2-Chloronaphthalene
 Concen: 38.95 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	696036		
127	41.6	30.7	46.1	
164	32.4	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





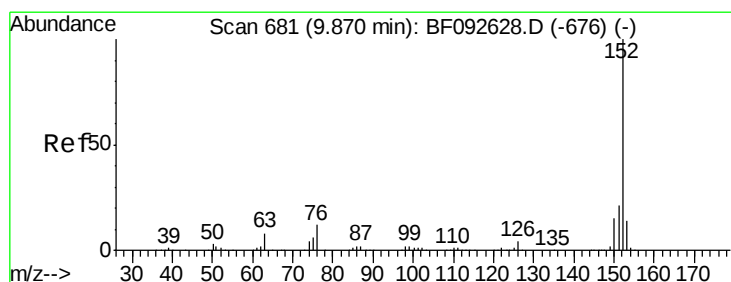
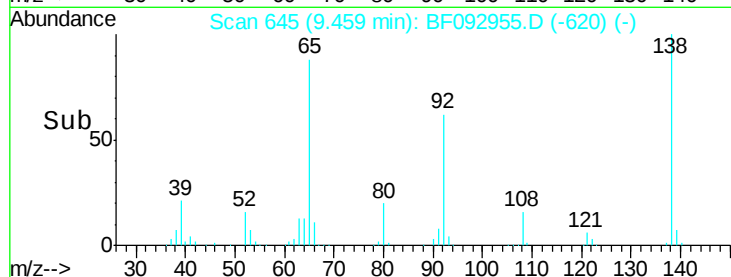
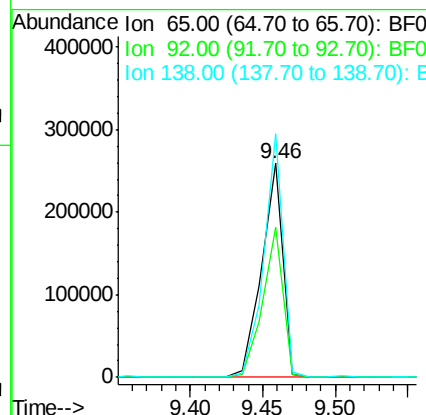
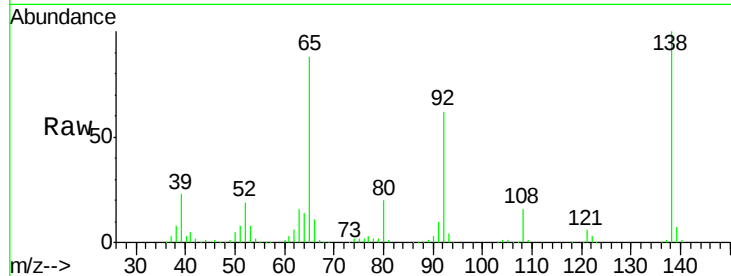
#47
 2-Nitroaniline
 Concen: 43.60 ng
 RT: 9.46 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96953BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.1	53.9	80.9
138	113.9	76.8	115.2

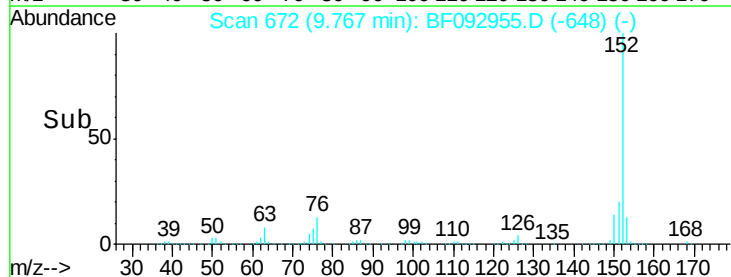
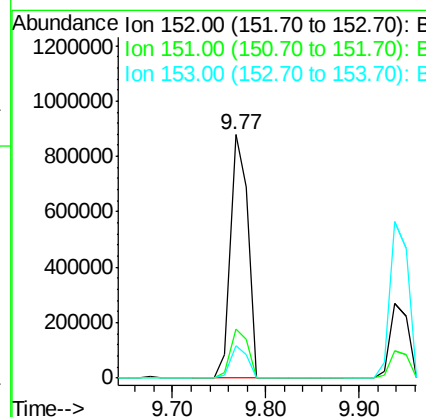
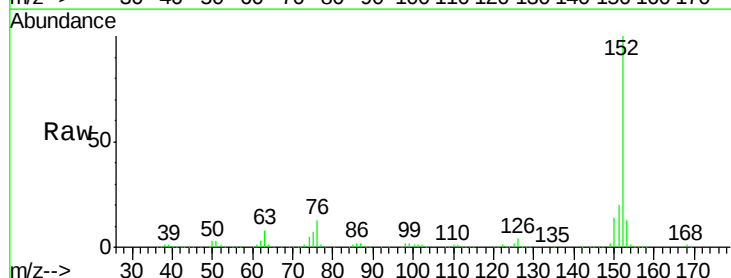
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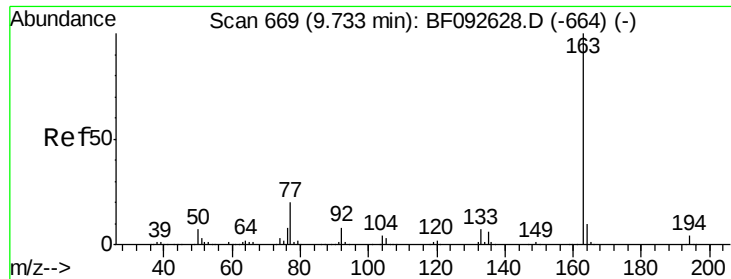
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#48
 Acenaphthylene
 Concen: 36.93 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.02 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.9	25.3
153	13.3	11.4	17.2





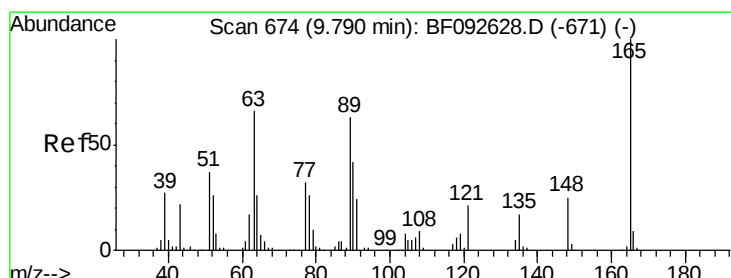
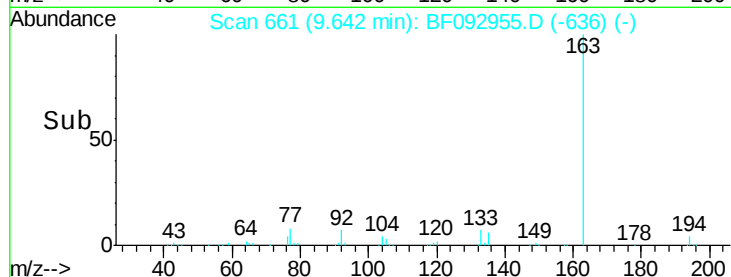
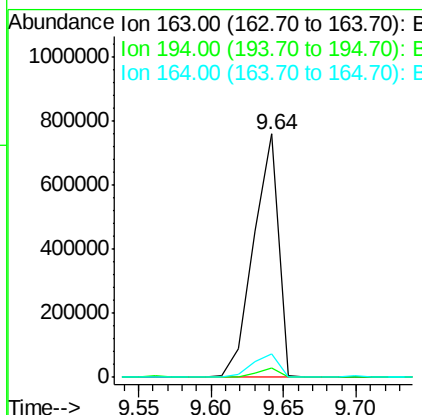
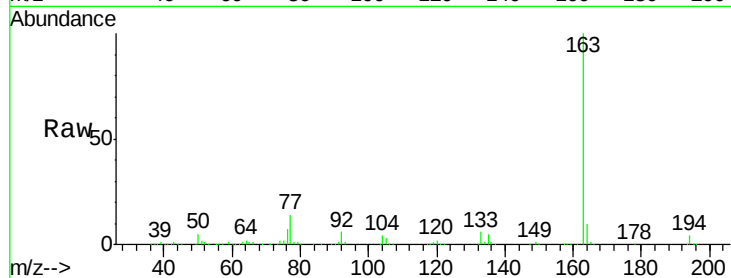
#49
Dimethylphthalate
Concen: 42.50 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Instrument :
BNA_F
ClientSampleId :
PB96953BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	903124		
194	3.8		3.0	4.4
164	9.8		8.0	12.0

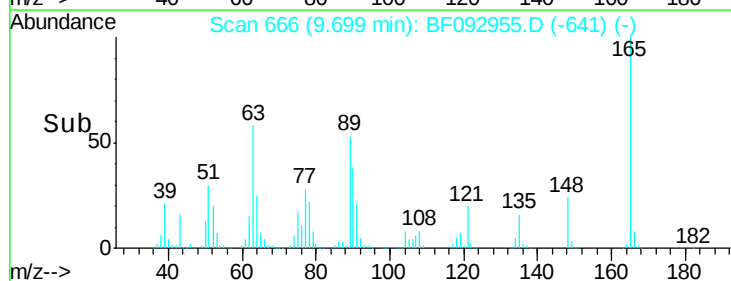
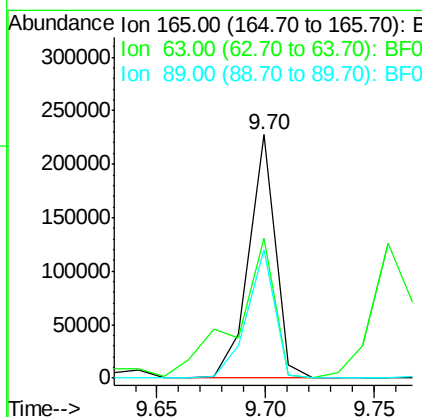
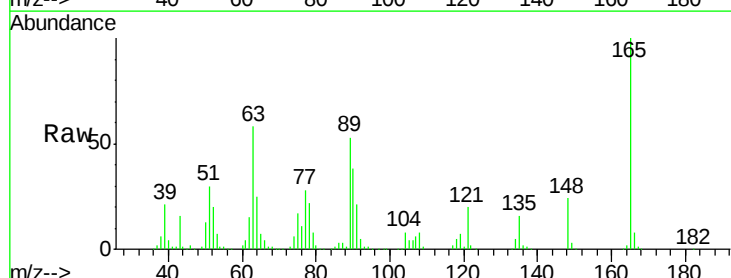
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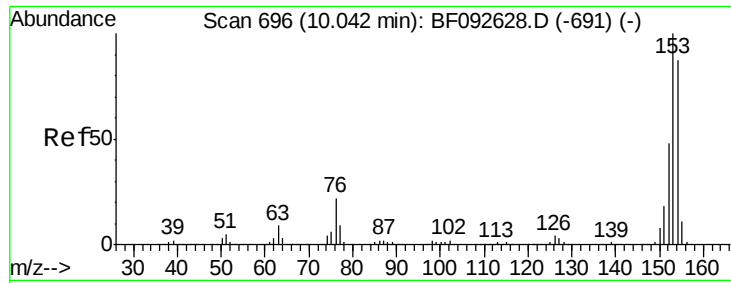
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#50
2,6-Dinitrotoluene
Concen: 42.35 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	194334		
63	57.6		36.2	54.4#
89	52.7		40.2	60.4





#51

Acenaphthene

Concen: 40.52 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

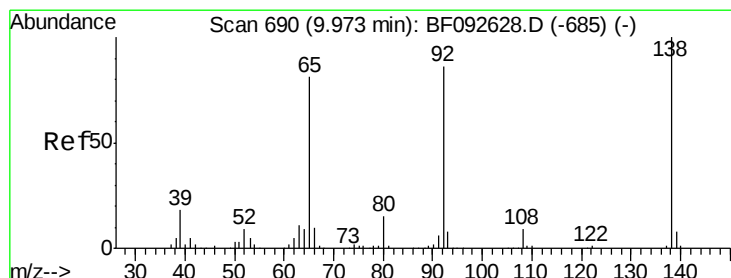
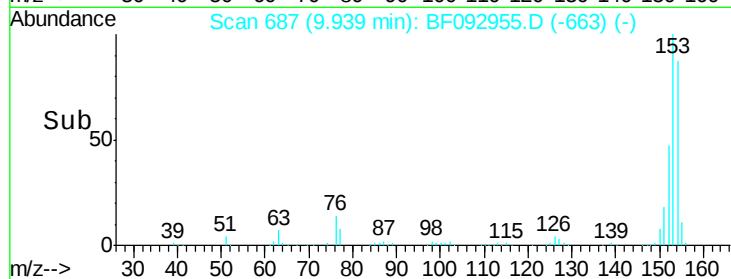
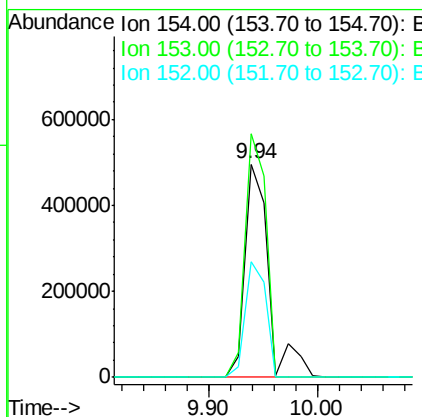
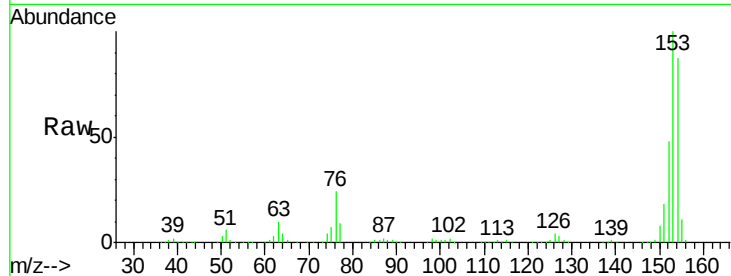
ClientSampleId :

PB96953BS

Tgt Ion:	154	Resp:	747779
Ion Ratio	Lower	Upper	
154	100		
153	114.3	88.6	133.0
152	54.4	41.6	62.4

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#52

3-Nitroaniline

Concen: 22.23 ng

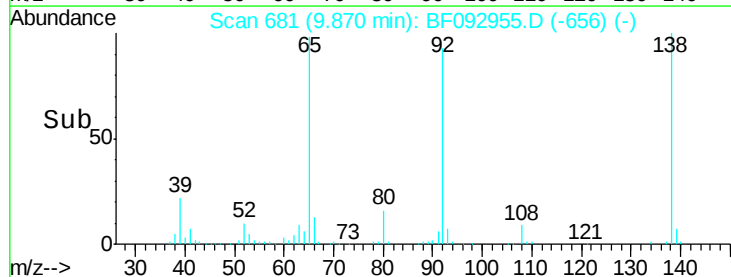
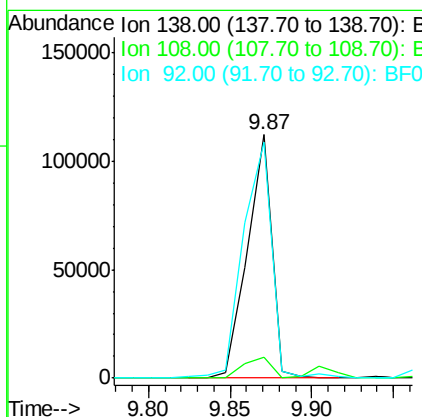
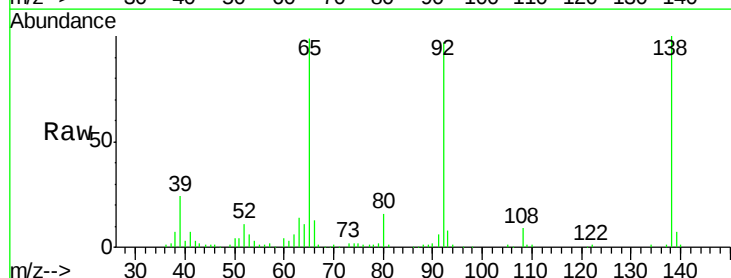
RT: 9.87 min Scan# 681

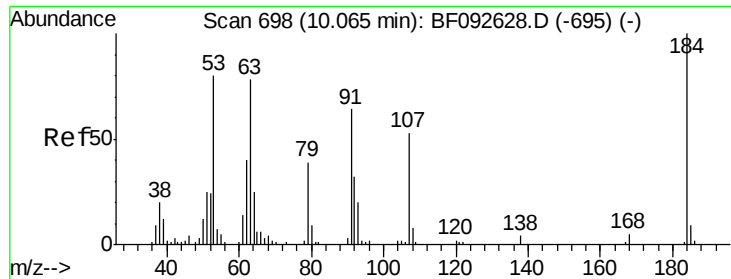
Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Tgt Ion:	138	Resp:	116733
Ion Ratio	Lower	Upper	
138	100		
108	8.8	8.5	12.7
92	96.8	97.8	146.8#





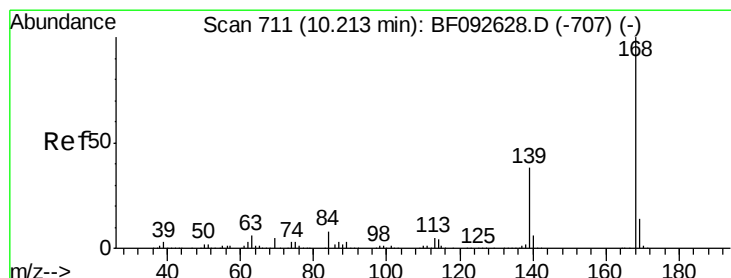
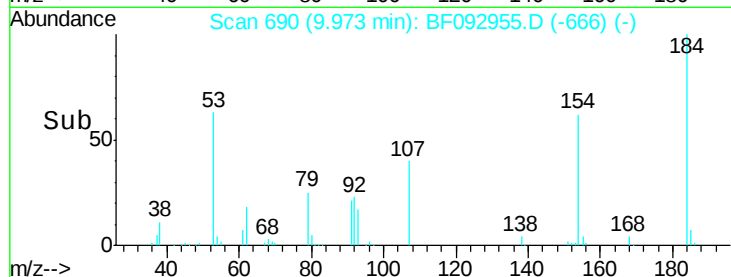
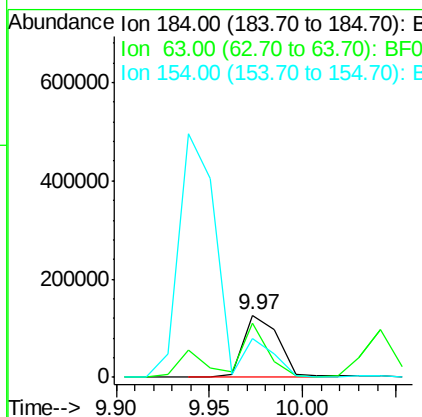
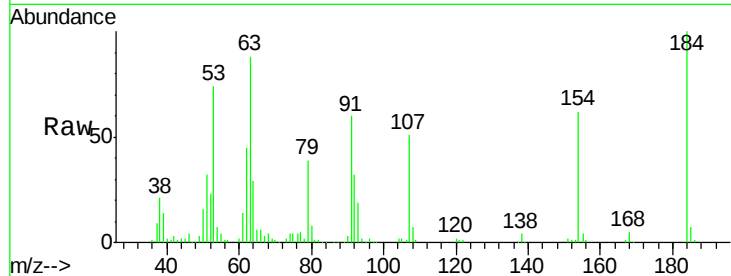
#53
2,4-Dinitrophenol
Concen: 71.90 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Instrument :
BNA_F
ClientSampleId :
PB96953BS

Tgt Ion:184 Resp: 166647
Ion Ratio Lower Upper
184 100
63 87.6 28.4 42.6#
154 61.8 44.3 66.5

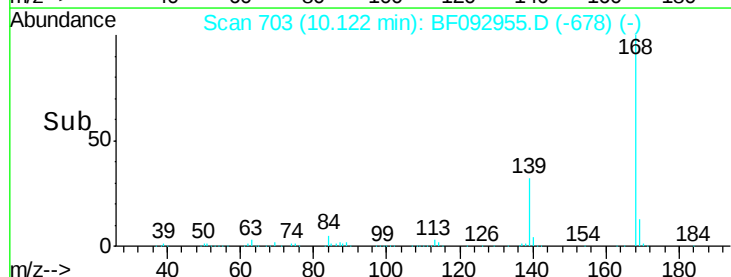
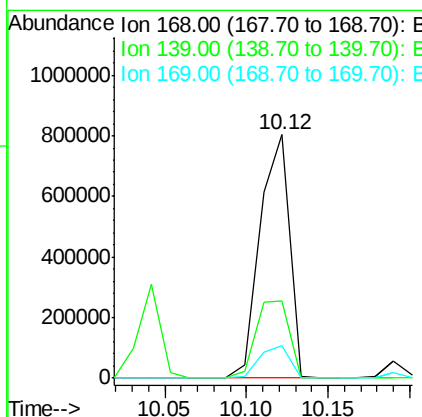
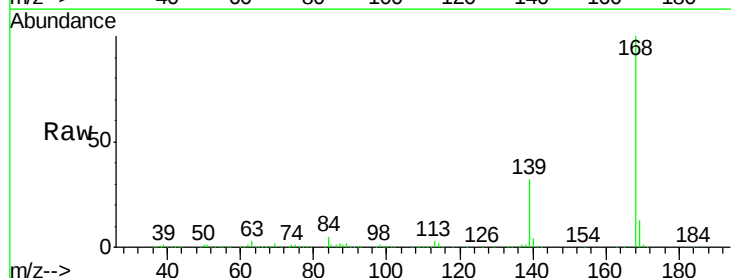
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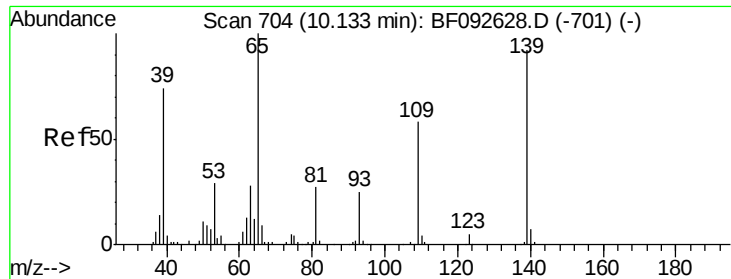
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#54
Dibenzofuran
Concen: 40.79 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion:168 Resp: 1007035
Ion Ratio Lower Upper
168 100
139 31.5 32.6 49.0#
169 13.2 11.3 16.9





#55

4-Nitrophenol

Concen: 79.32 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

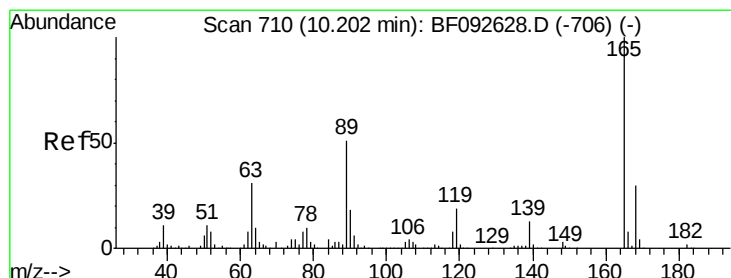
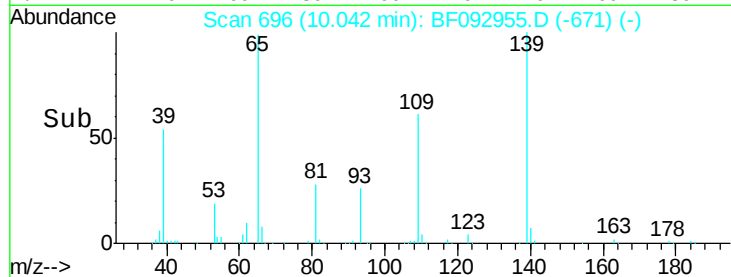
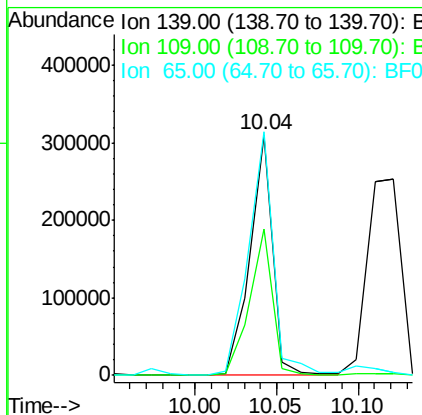
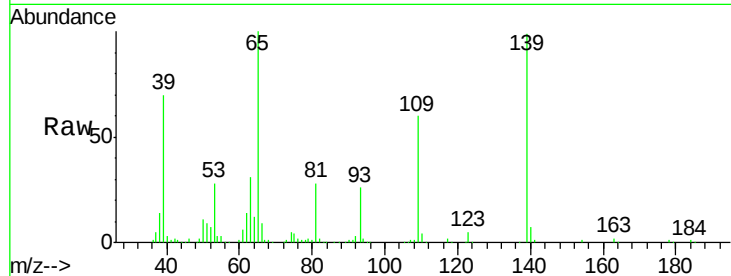
ClientSampleId :

PB96953BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	299998		
109	60.8	52.2	92.2	
65	101.3	85.8	125.8	

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#56

2,4-Dinitrotoluene

Concen: 40.55 ng

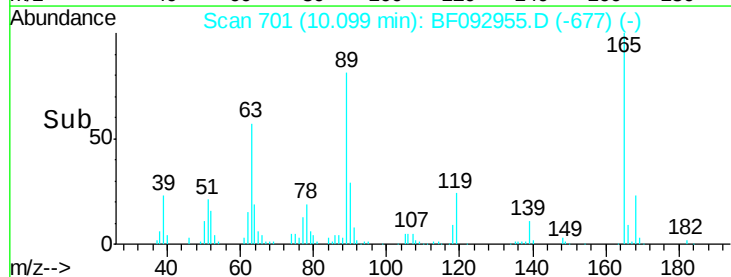
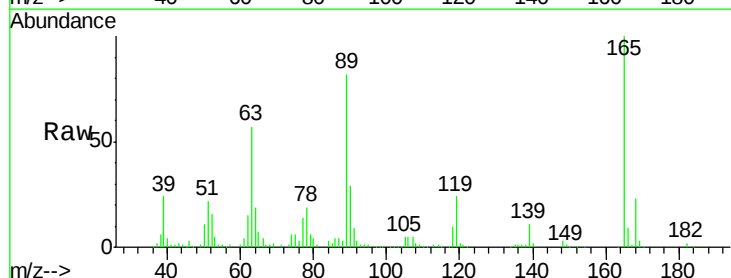
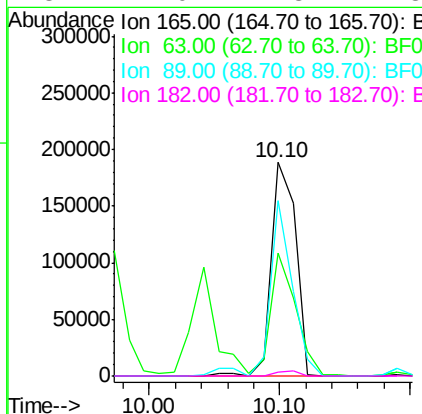
RT: 10.10 min Scan# 701

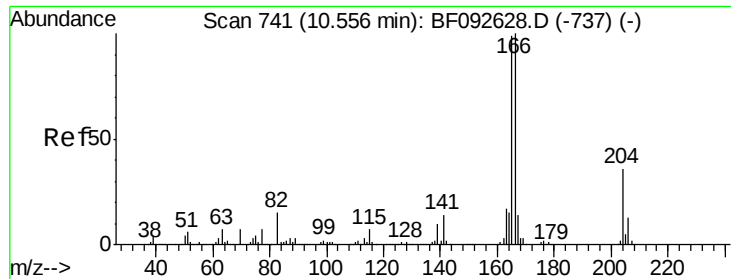
Delta R.T. -0.02 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	247747		
63	57.2	40.2	60.4	
89	81.8	62.5	93.7	
182	2.0	1.8	2.8	





#57

Fluorene

Concen: 38.17 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

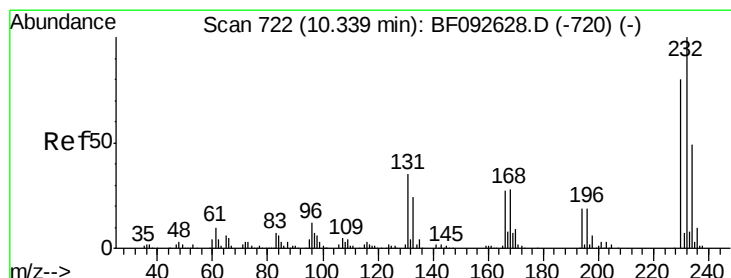
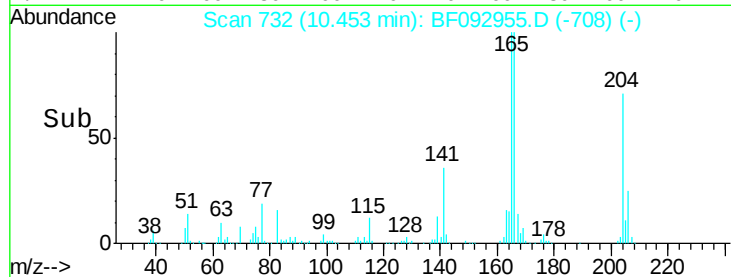
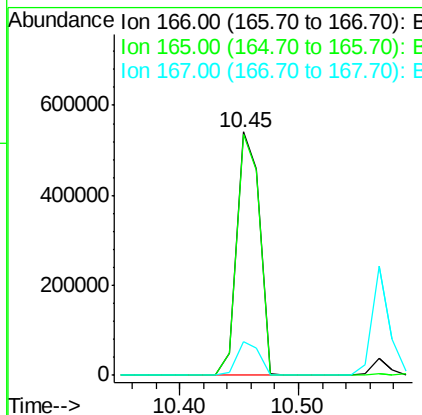
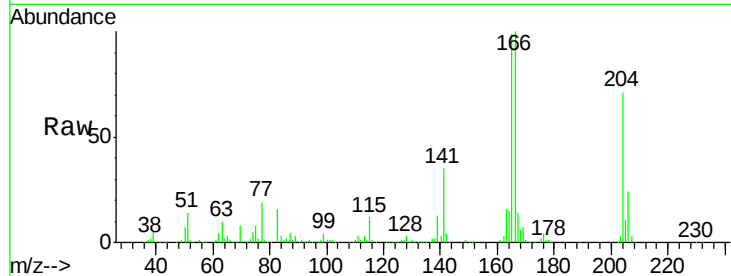
ClientSampleId :

PB96953BS

Tgt Ion:	166	Resp:	724954
Ion Ratio	Lower	Upper	
166	100		
165	98.9	77.8	116.8
167	13.9	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.66 ng

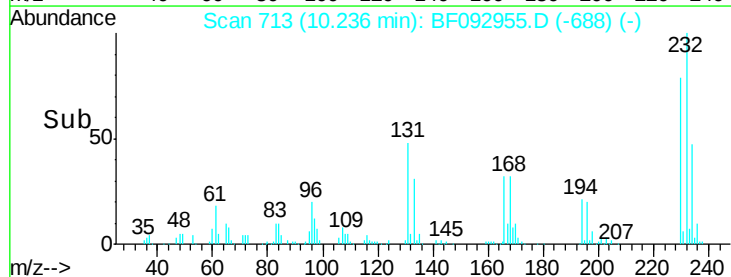
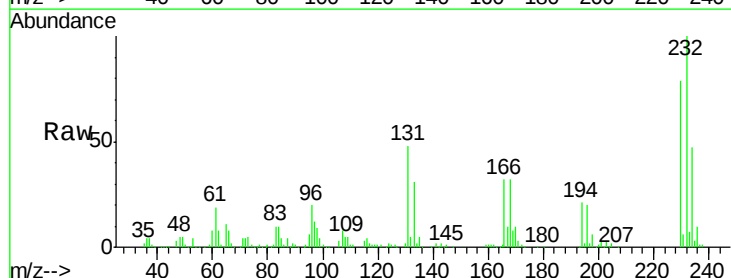
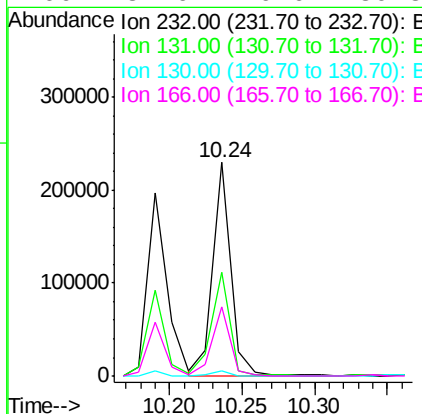
RT: 10.24 min Scan# 713

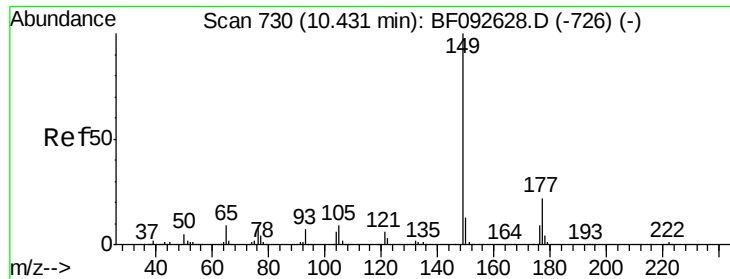
Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Tgt Ion:	232	Resp:	198454
Ion Ratio	Lower	Upper	
232	100		
131	49.8	40.1	60.1
130	2.4	1.8	2.8
166	32.6	26.6	39.8





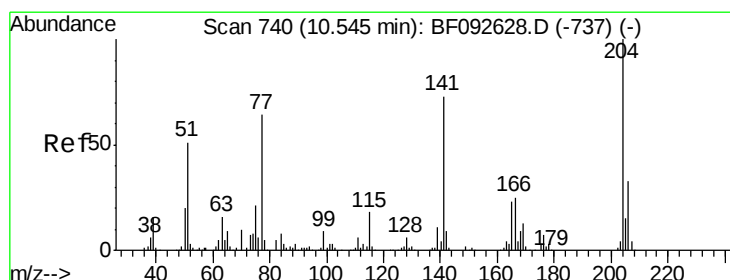
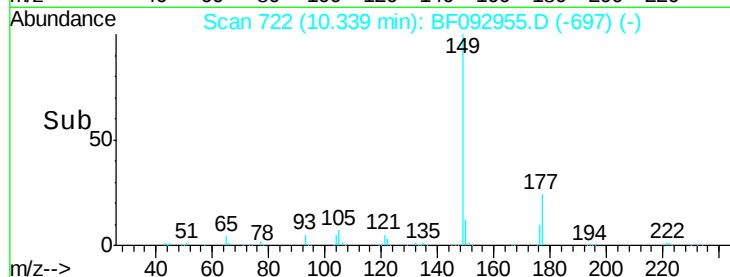
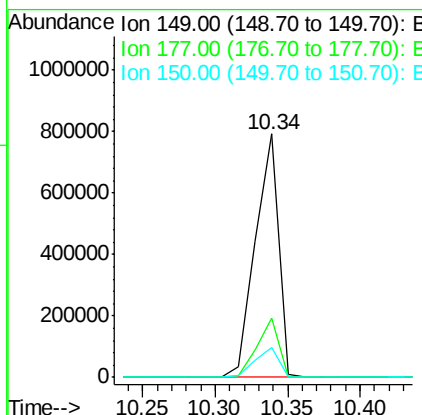
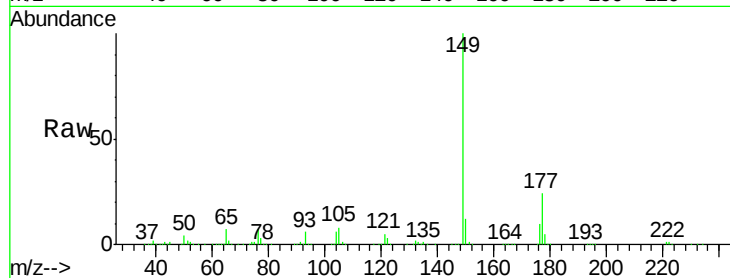
#59
Diethylphthalate
Concen: 43.87 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Instrument :
BNA_F
ClientSampleId :
PB96953BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	16.6	25.0
150	12.2	10.4	15.6

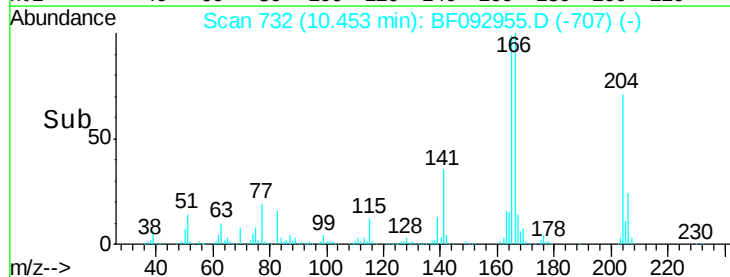
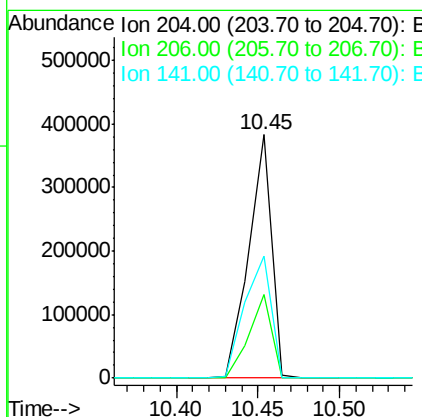
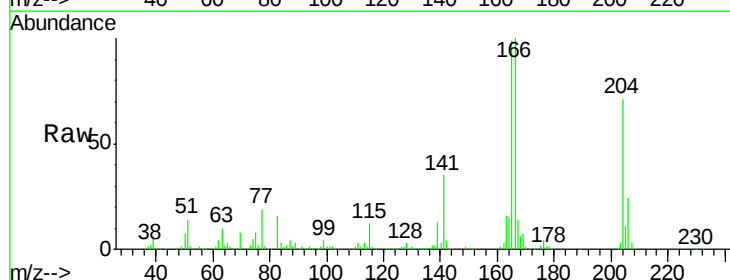
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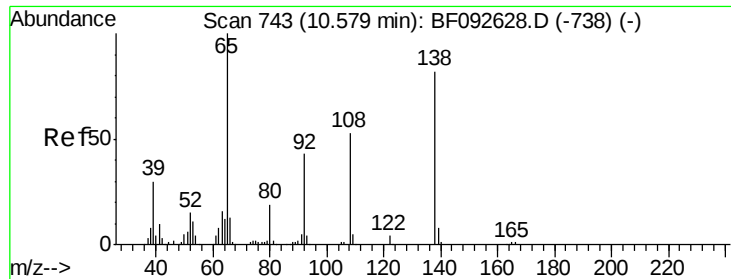
mohammad
2/16/2017 11:40:11 AM



#60
4-Chlorophenyl-phenylether
Concen: 40.72 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.4	25.8	38.6
141	50.1	59.4	89.0#





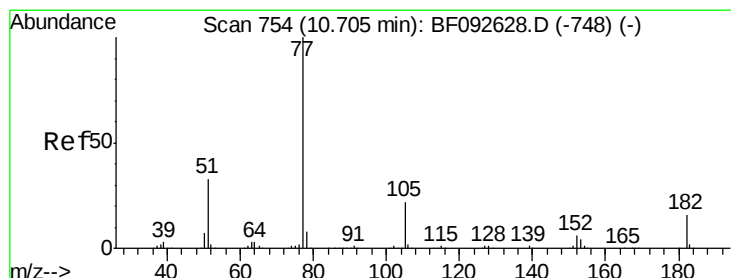
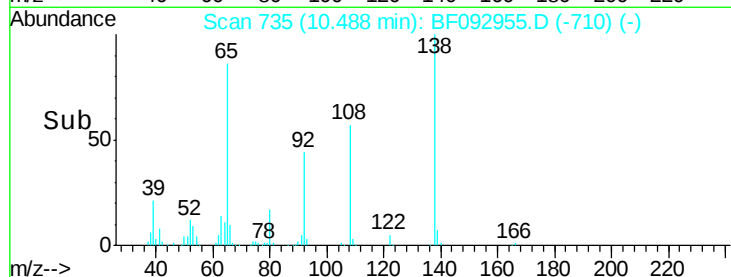
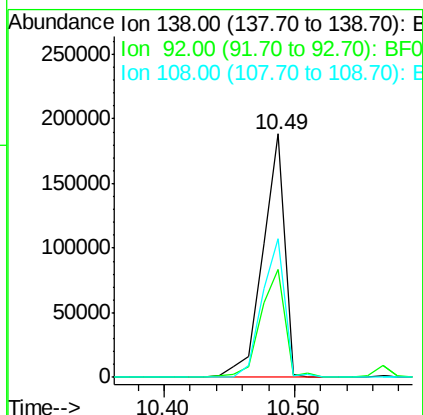
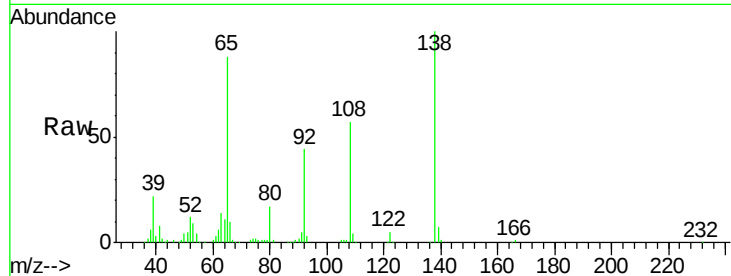
#61
4-Nitroaniline
Concen: 40.98 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Instrument :
BNA_F
ClientSampleId :
PB96953BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	220398		
92	44.3	31.7	71.7	
108	57.1	52.6	92.6	

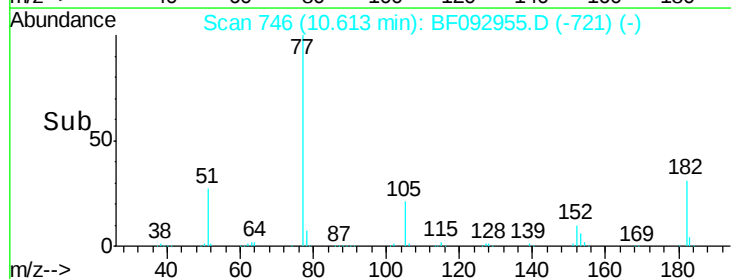
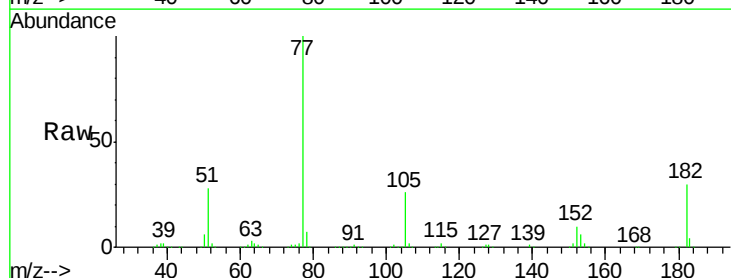
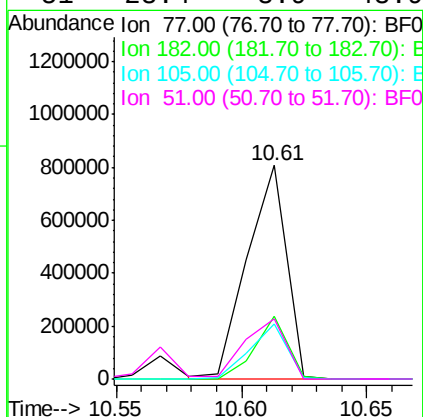
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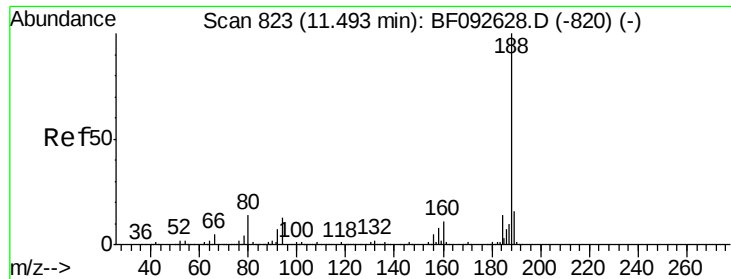
mohammad
2/16/2017 11:40:11 AM



#62
Azobenzene
Concen: 42.71 ng m
RT: 10.61 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	883584		
182	29.6	0.0	39.3	
105	25.7	2.3	42.3	
51	28.4	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: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

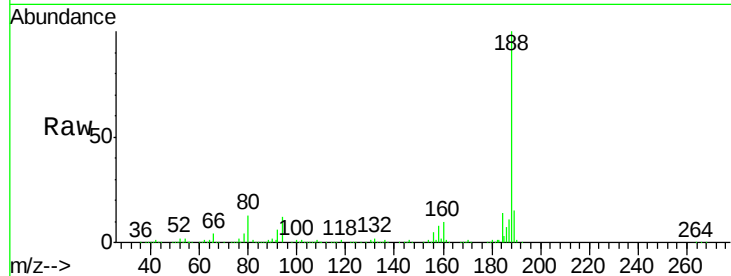
ClientSampleId :

PB96953BS

Tgt Ion:	188	Resp:	518703
Ion Ratio	Lower	Upper	
188	100		
94	11.7	10.0	15.0
80	12.5	11.2	16.8

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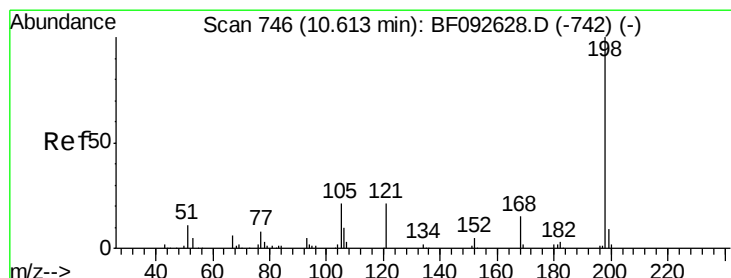
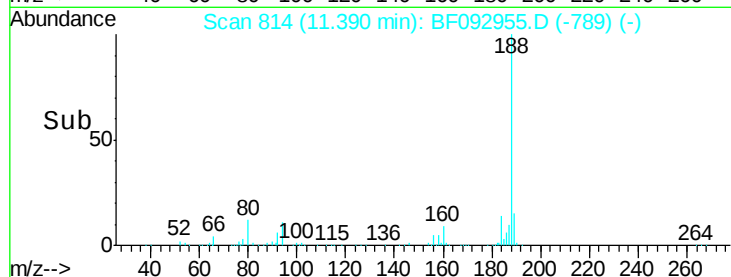
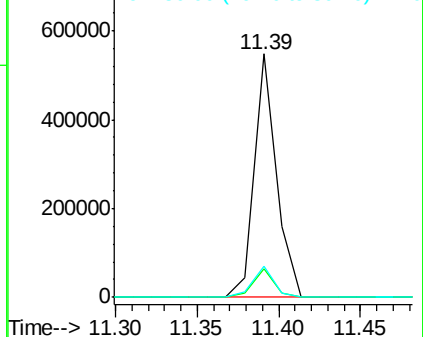
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.48 ng

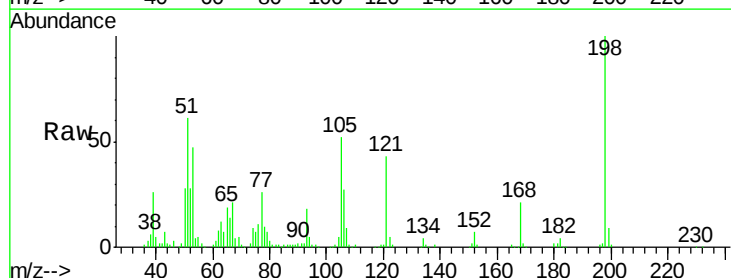
RT: 10.51 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

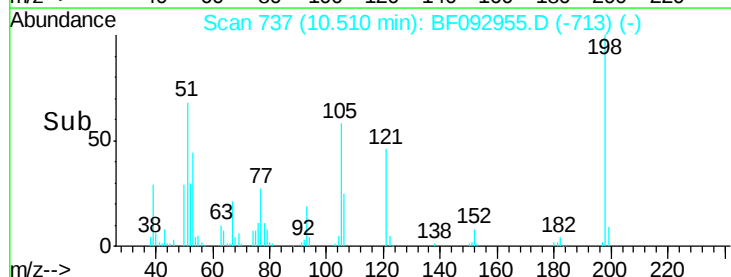
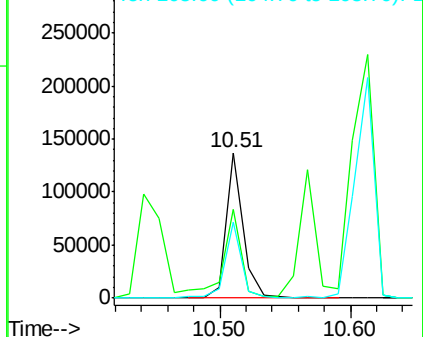
Tgt Ion:	198	Resp:	123062
Ion Ratio	Lower	Upper	
198	100		
51	61.2	6.7	46.7#
105	52.0	16.6	56.6

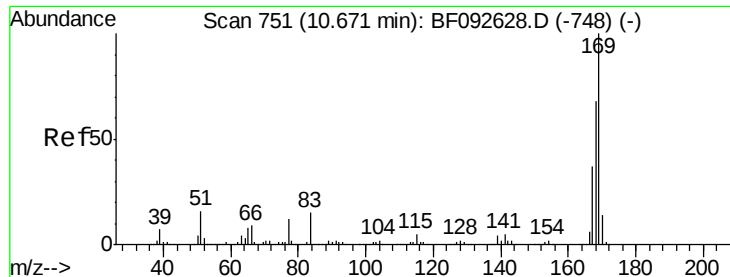


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.66 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

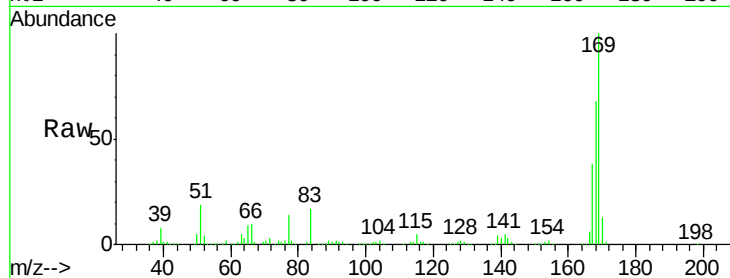
ClientSampleId :

PB96953BS

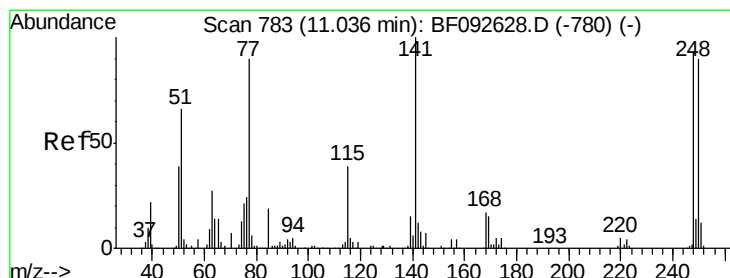
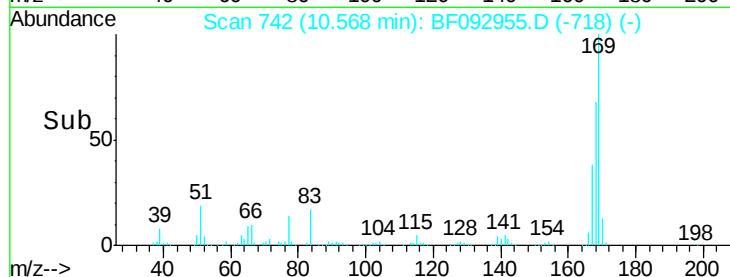
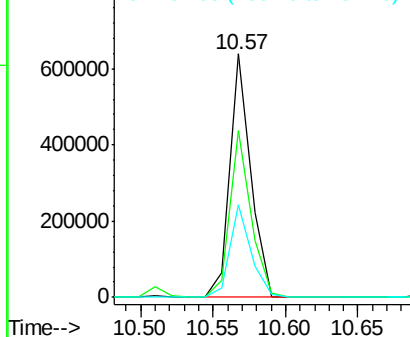
Tgt Ion:	169	Resp:	640564
Ion Ratio	Lower	Upper	
169	100		
168	68.5	54.2	81.2
167	38.0	30.2	45.4

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



#66

4-Bromophenyl-phenylether

Concen: 40.74 ng

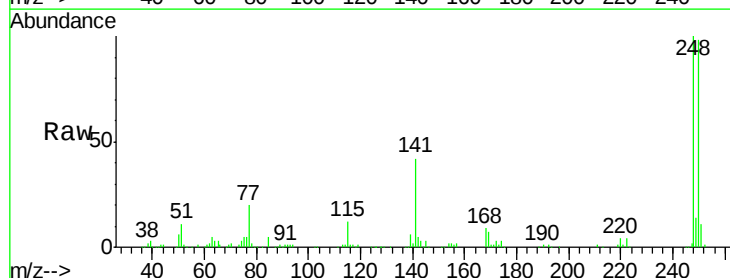
RT: 10.94 min Scan# 775

Delta R.T. -0.01 min

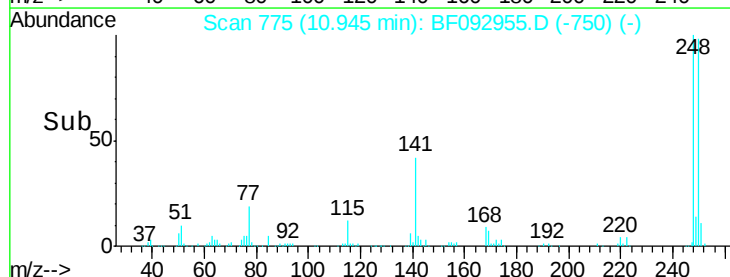
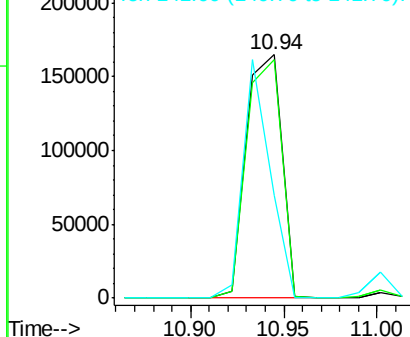
Lab File: BF092955.D

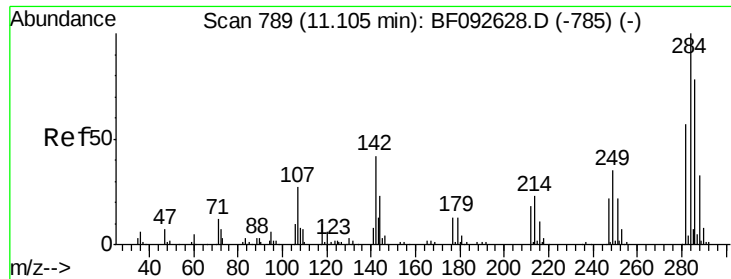
Acq: 15 Feb 2017 17:13

Tgt Ion:	248	Resp:	220759
Ion Ratio	Lower	Upper	
248	100		
250	97.9	76.9	115.3
141	42.0	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





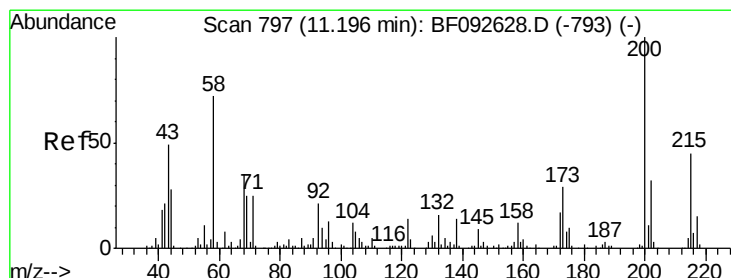
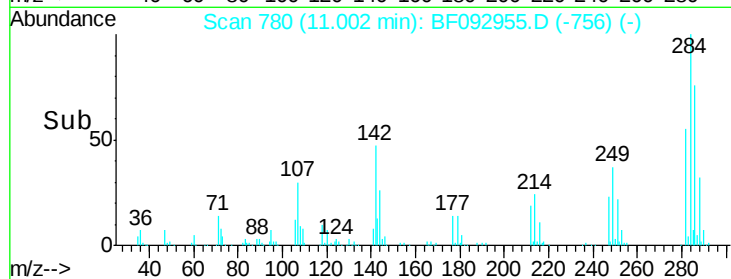
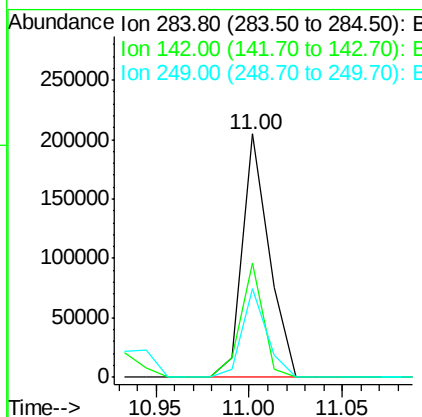
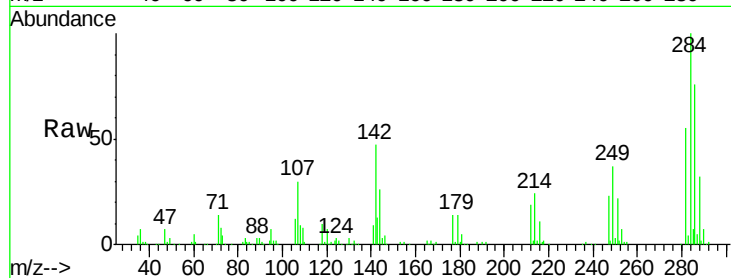
#67
Hexachlorobenzene
Concen: 38.19 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Instrument :
BNA_F
ClientSampleId :
PB96953BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	204501		
142	46.9	22.6	33.8#	
249	36.6	25.4	38.0	

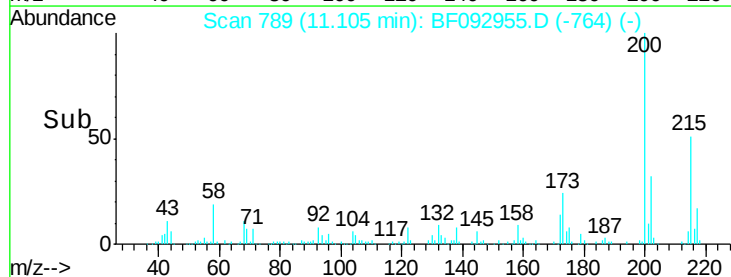
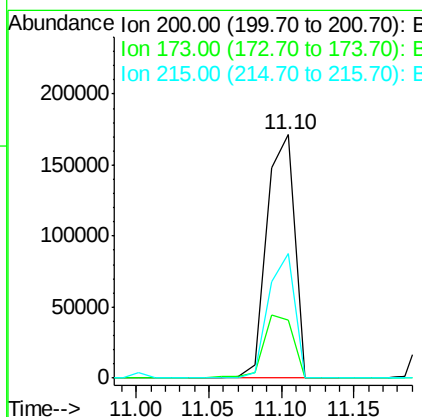
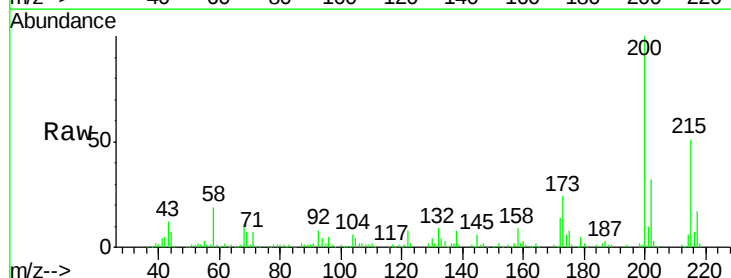
Manual Integrations
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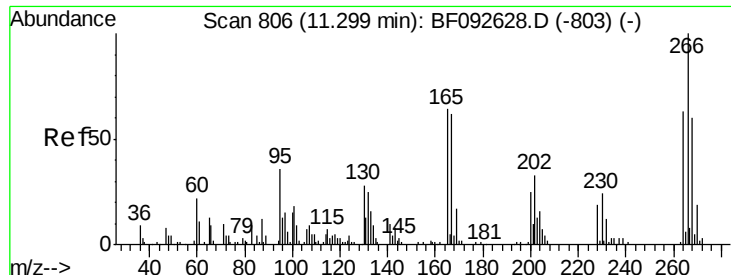
mohammad
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#68
Atrazine
Concen: 42.69 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	227029		
173	23.9	9.6	49.6	
215	51.2	25.7	65.7	





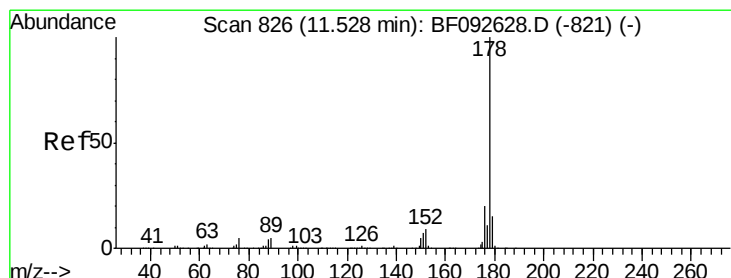
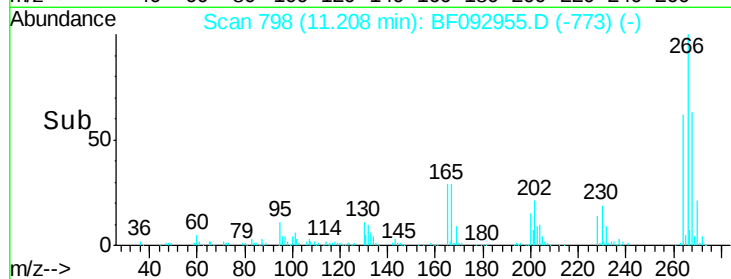
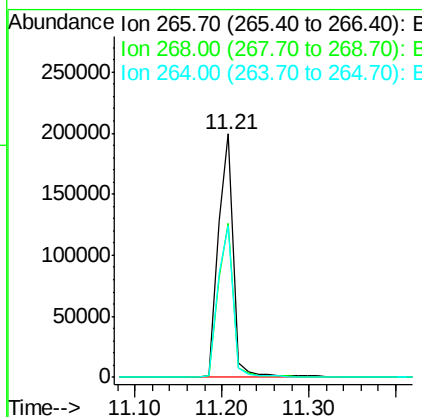
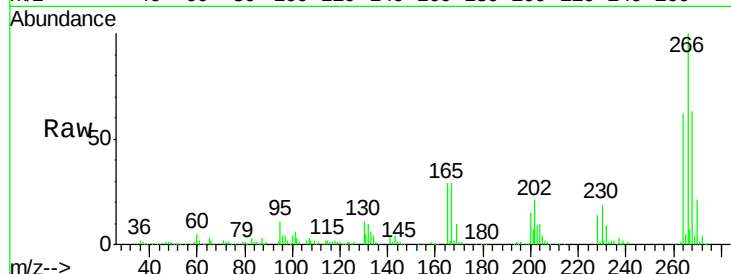
#69
 Pentachlorophenol
 Concen: 87.95 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96953BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	245305		
268	63.1	53.3	79.9	
264	62.1	50.3	75.5	

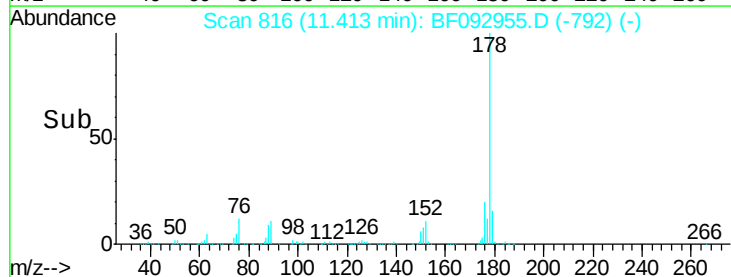
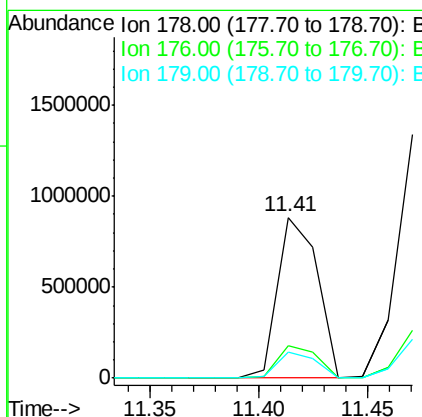
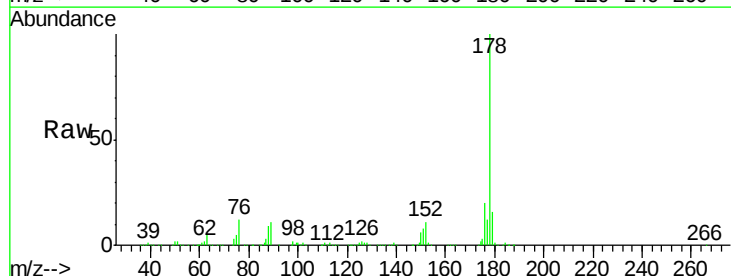
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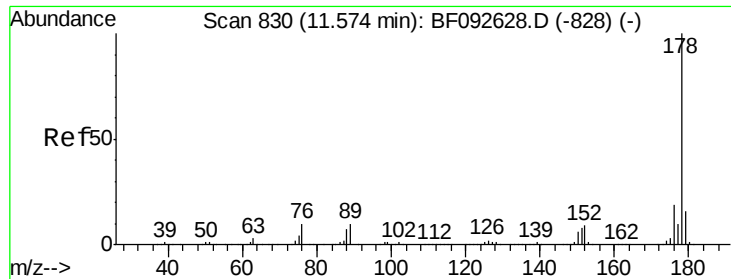
mohammad
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#70
 Phenanthrene
 Concen: 38.18 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1134488		
176	19.8	16.6	25.0	
179	15.9	12.8	19.2	





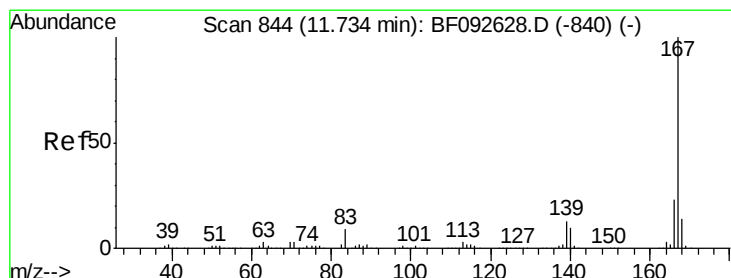
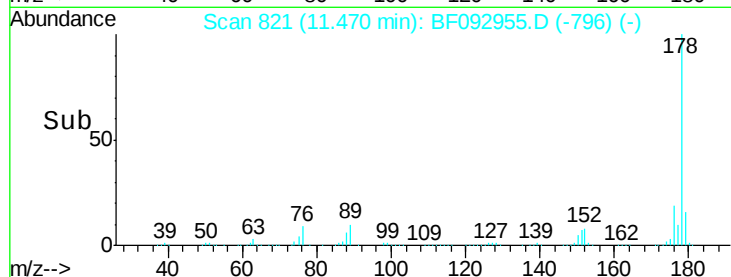
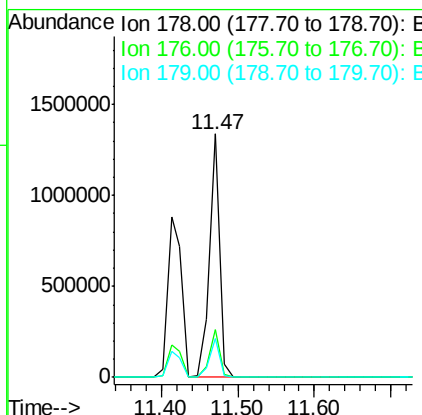
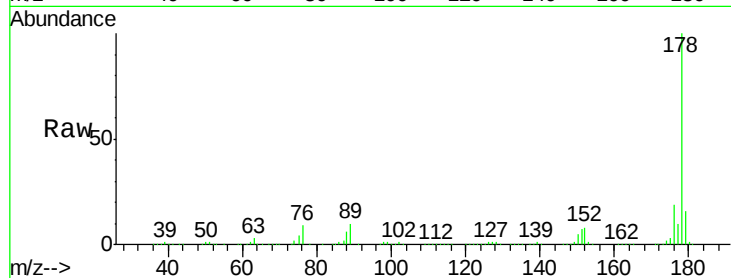
#71
 Anthracene
 Concen: 40.24 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96953BS

Tgt Ion:178 Resp: 1201003
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.8 13.2 19.8

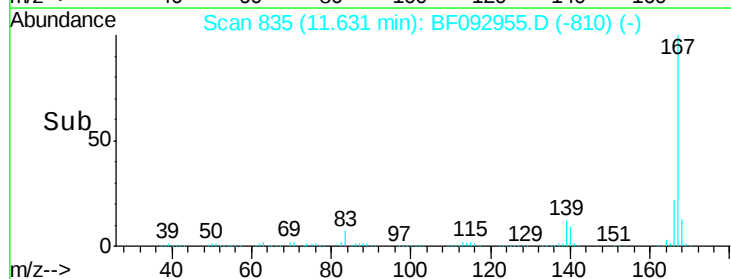
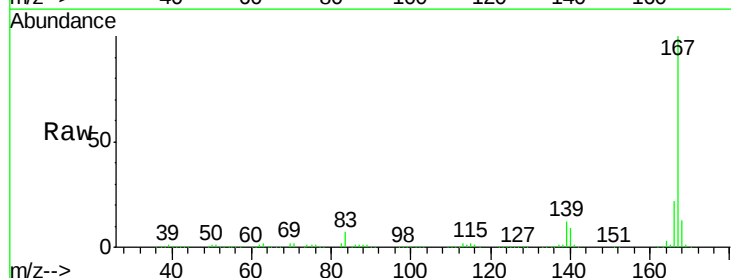
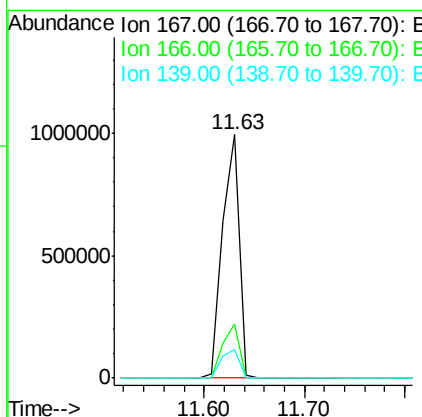
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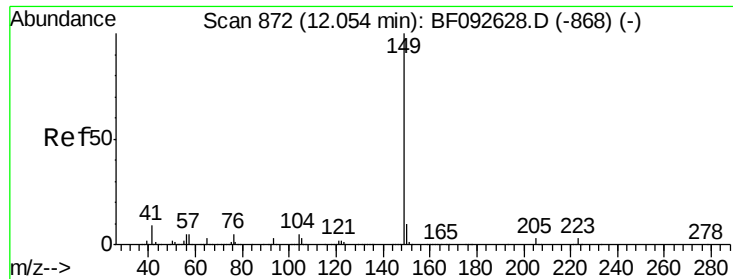
mohammad
 2/16/2017 11:40:11 AM



#72
 Carbazole
 Concen: 40.27 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Tgt Ion:167 Resp: 1148722
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 11.7 11.4 17.2





#73

Di-n-butylphthalate

Concen: 40.43 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

ClientSampleId :

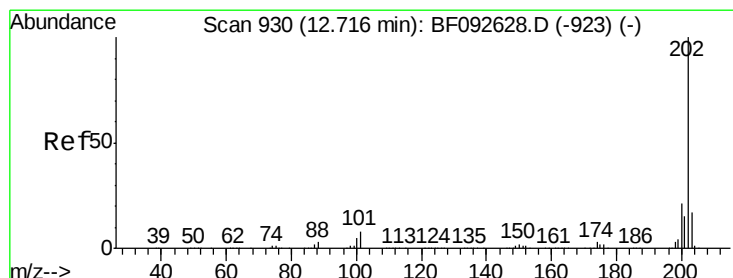
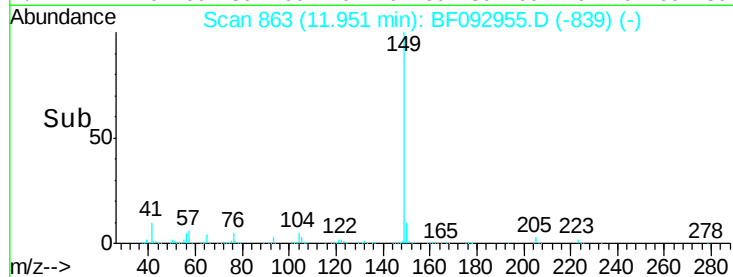
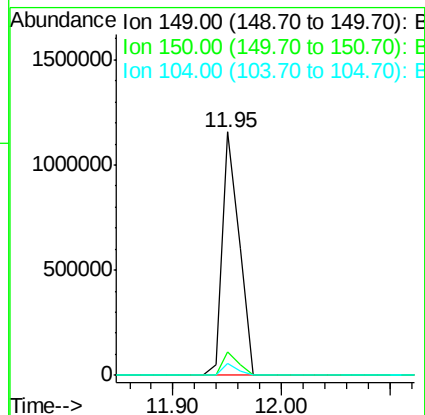
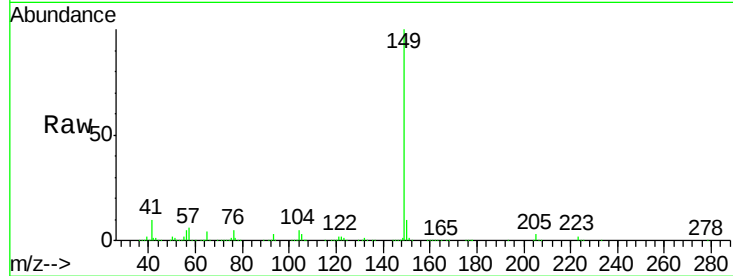
PB96953BS

Tgt Ion:149 Resp: 1247187

Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	4.8	4.6	7.0

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#74

Fluoranthene

Concen: 36.80 ng

RT: 12.60 min Scan# 920

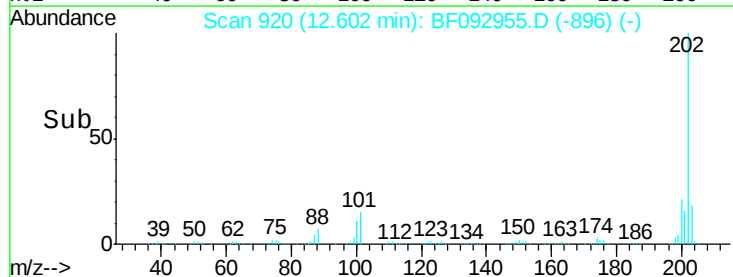
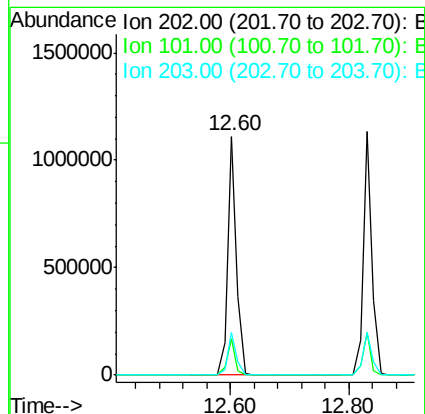
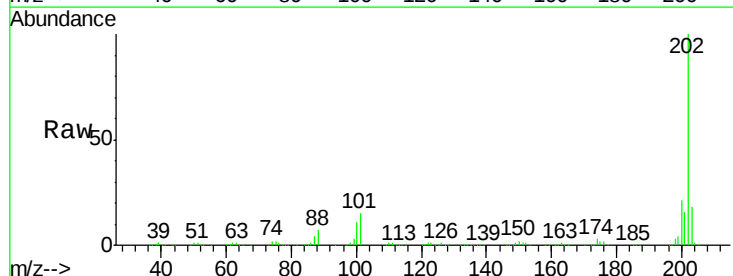
Delta R.T. -0.02 min

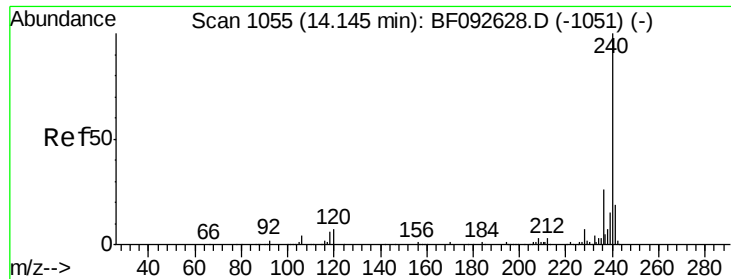
Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Tgt Ion:202 Resp: 1128051

Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	34.6
203	17.7	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

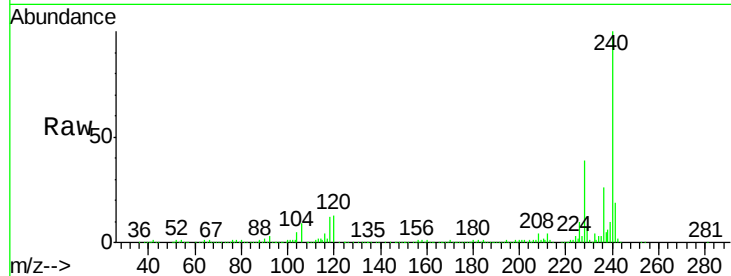
ClientSampleId :

PB96953BS

Tgt Ion:	240	Resp:	464747
Ion Ratio	Lower	Upper	
240	100		
120	13.1	12.9	19.3
236	26.0	20.9	31.3

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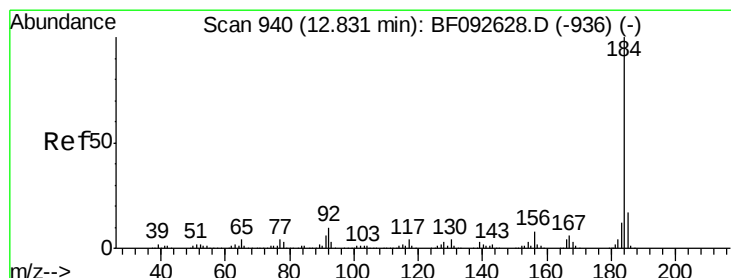
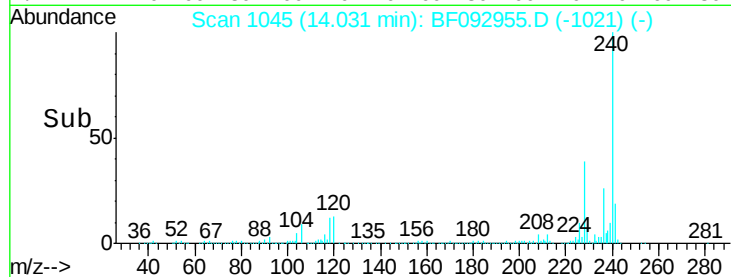
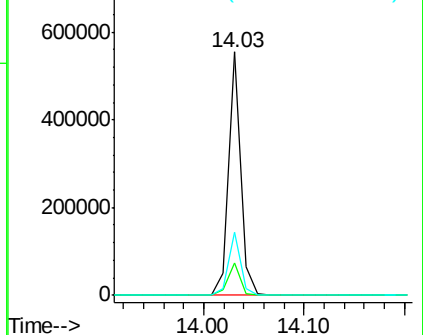
mohammad
2/16/2017 11:40:11 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 16.79 ng

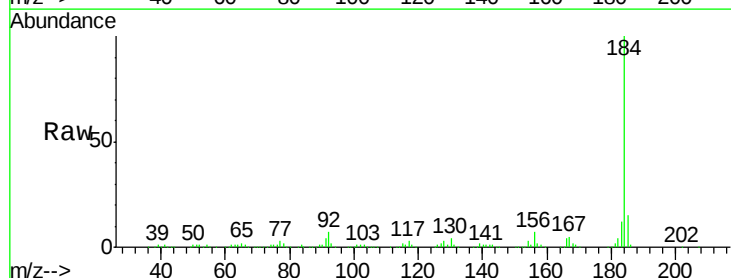
RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

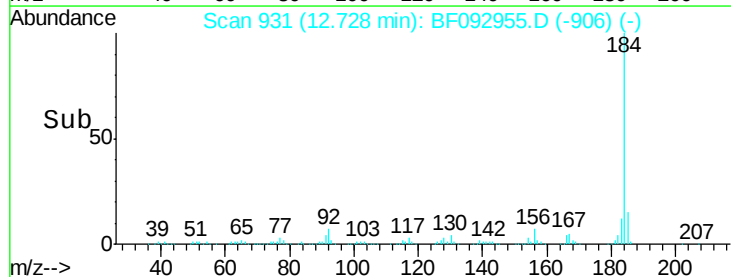
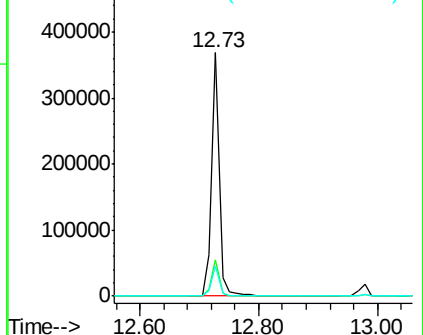
Tgt Ion:	184	Resp:	332576
Ion Ratio	Lower	Upper	
184	100		
185	14.8	13.4	20.0
183	12.2	9.2	13.8

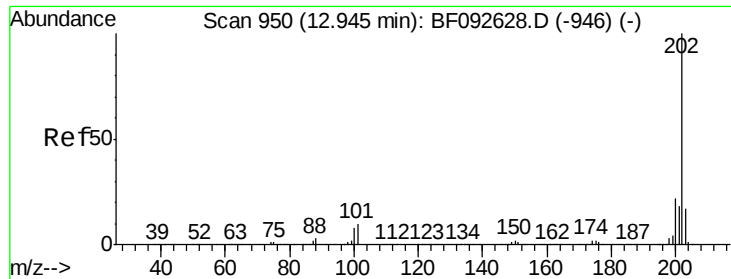


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





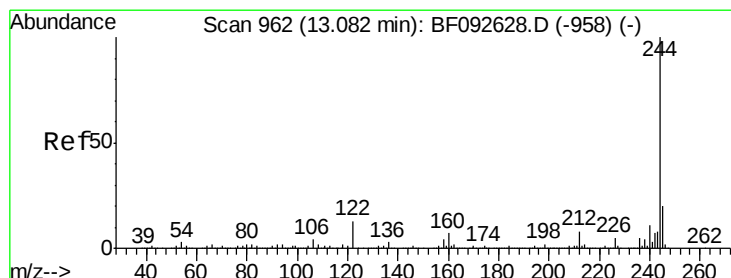
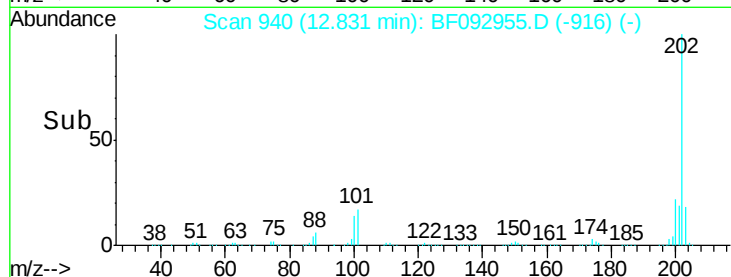
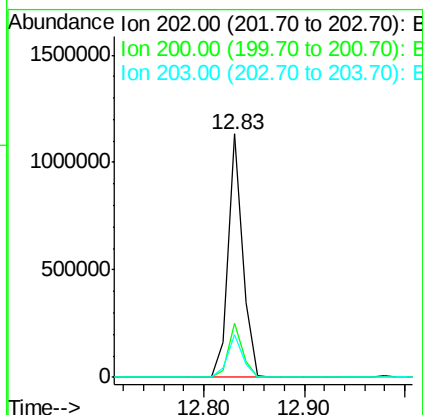
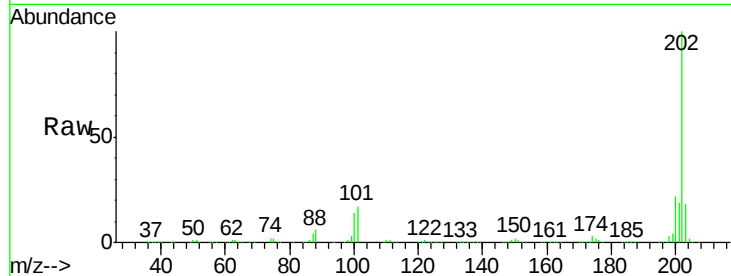
#77
 Pyrene
 Concen: 32.65 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.02 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96953BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	17.6	14.7	22.1

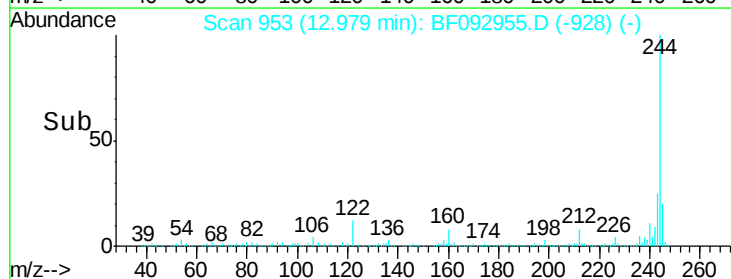
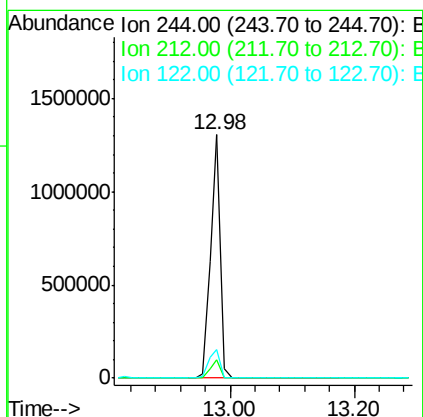
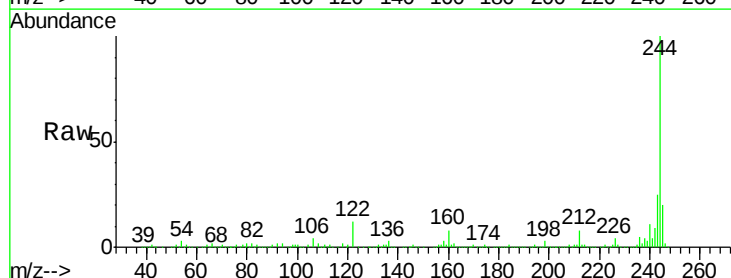
Manual Integrations
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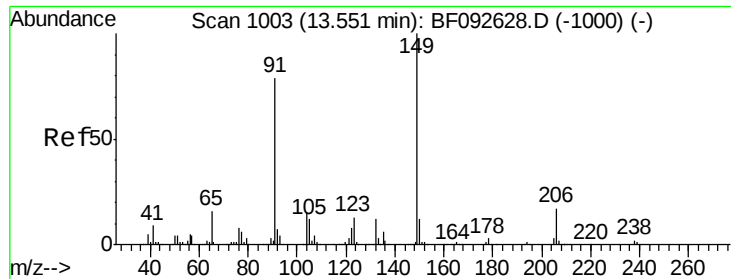
mohammad
 2/16/2017 11:40:11 AM



#78
 Terphenyl-d14
 Concen: 69.91 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	12.0	11.4	17.2





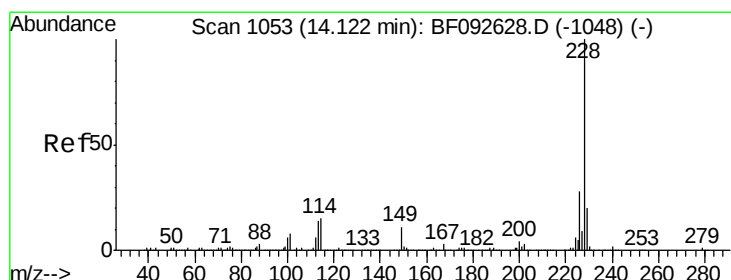
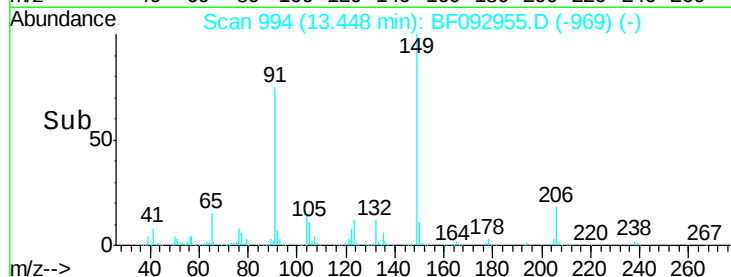
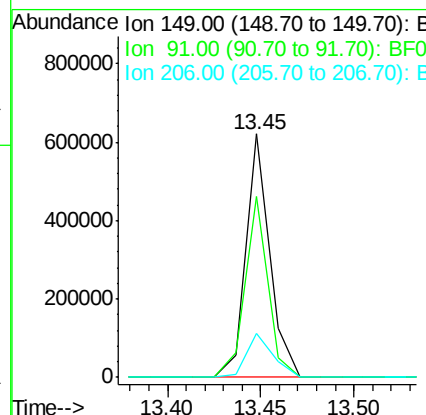
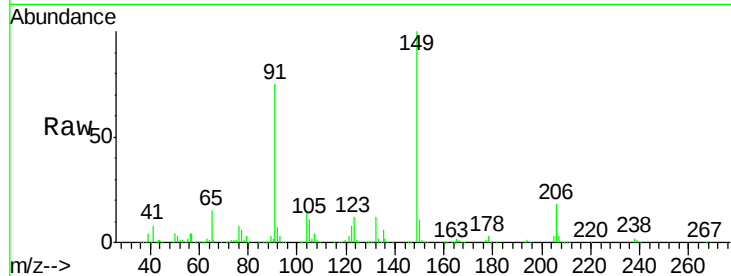
#79
Butylbenzylphthalate
Concen: 39.09 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Instrument :
BNA_F
ClientSampleId :
PB96953BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	552029		
91	74.5	63.9	95.9	
206	18.0	14.6	21.8	

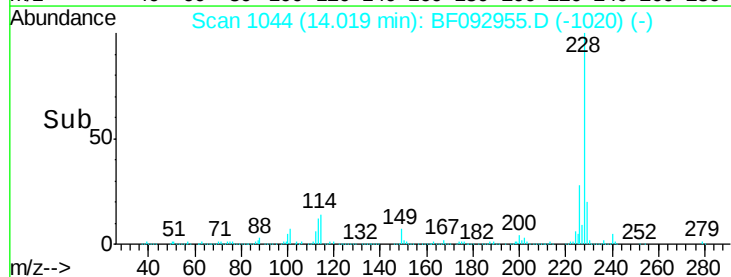
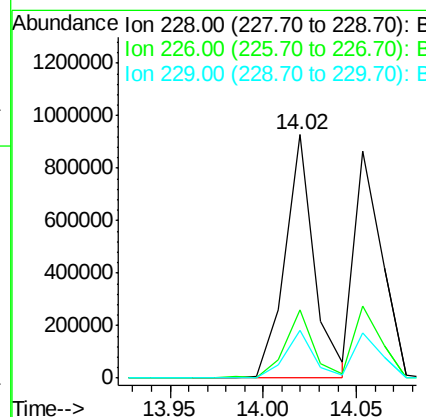
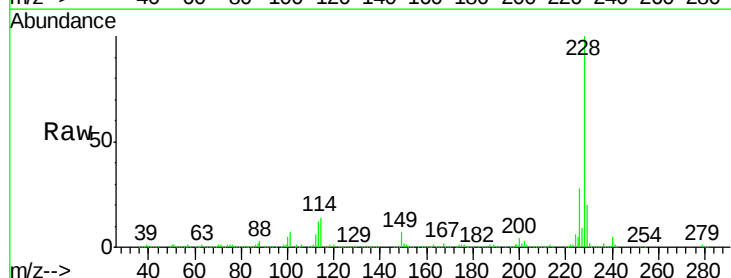
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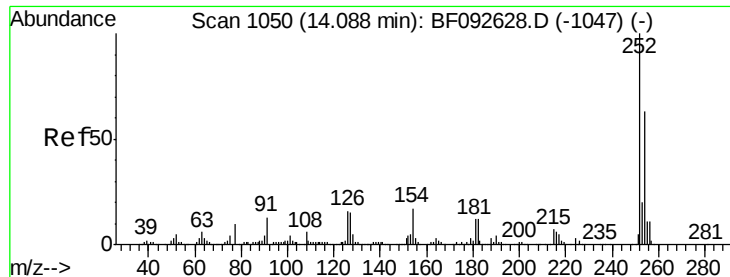
mohammad
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#80
Benzo(a)anthracene
Concen: 35.56 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1010724		
226	28.0	22.4	33.6	
229	19.8	16.2	24.4	





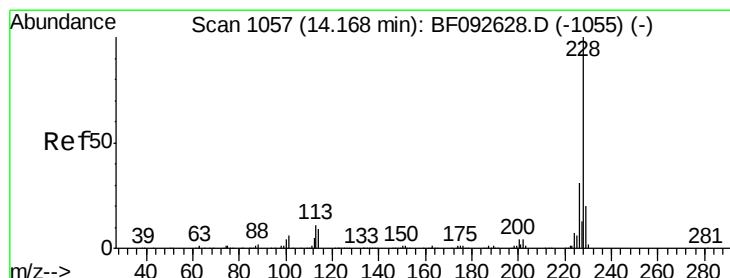
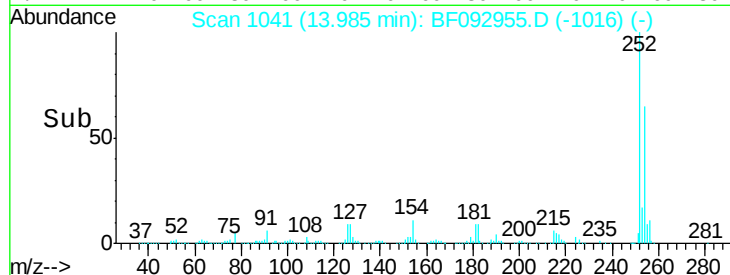
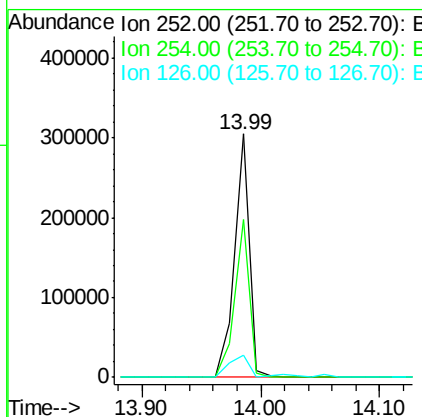
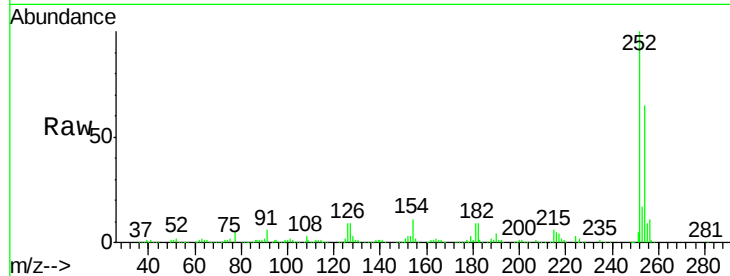
#81
 3,3'-Dichlorobenzidine
 Concen: 26.14 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96953BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	264838		
254	64.7	52.3	78.5	
126	9.3	13.6	20.4	

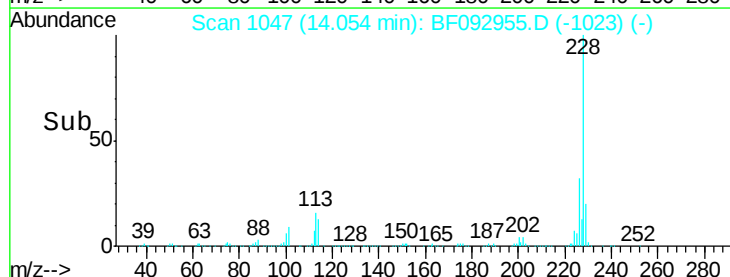
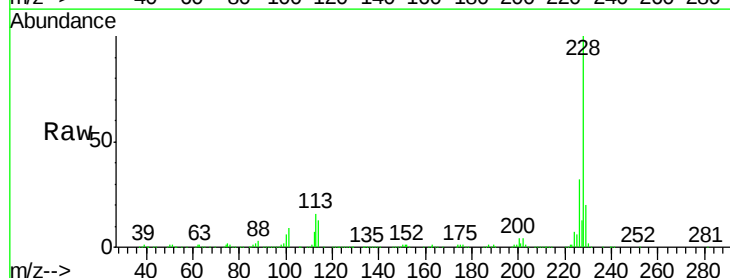
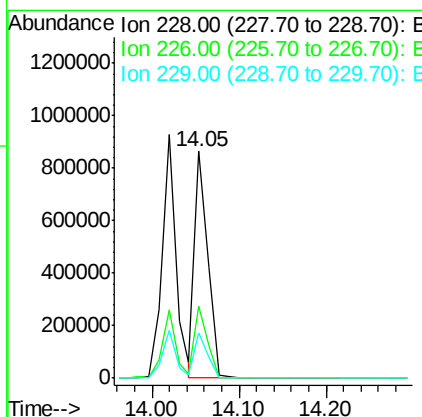
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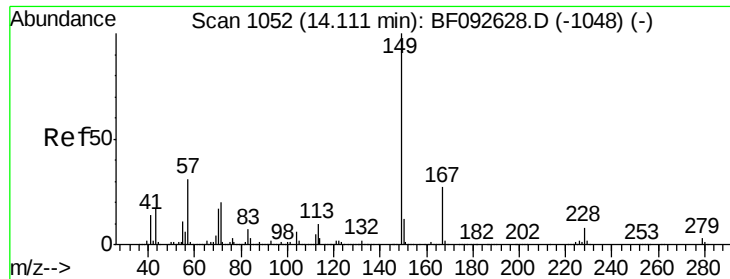
mohammad
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#82
 Chrysene
 Concen: 33.77 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	898721		
226	31.6	25.4	38.0	
229	20.0	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.49 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

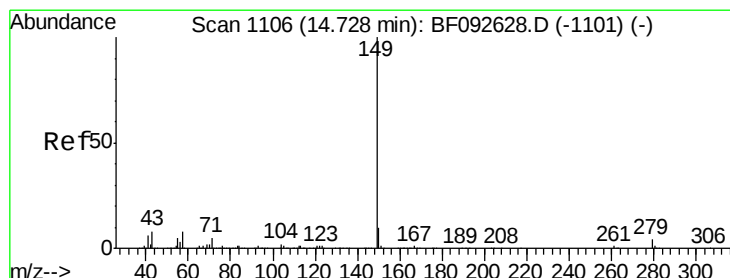
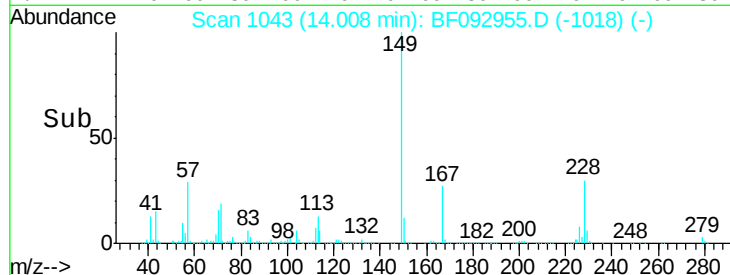
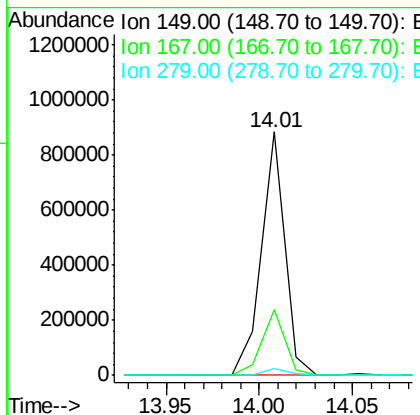
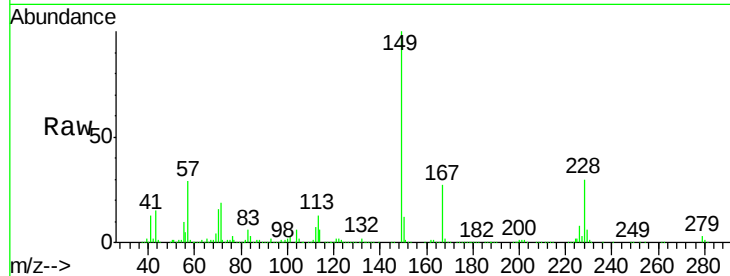
ClientSampleId :

PB96953BS

Tgt Ion:	149	Resp:	762817
Ion Ratio	Lower	Upper	
149	100		
167	27.2	20.2	30.4
279	2.9	1.8	2.8#

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#84

Di-n-octyl phthalate

Concen: 42.44 ng

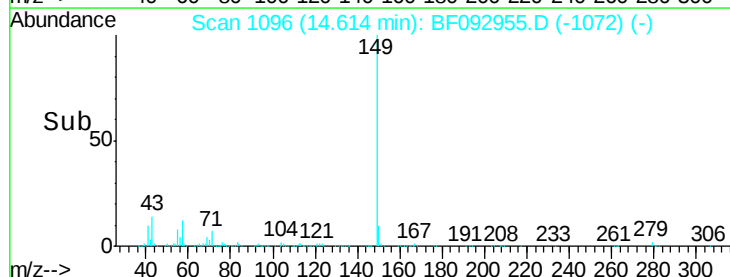
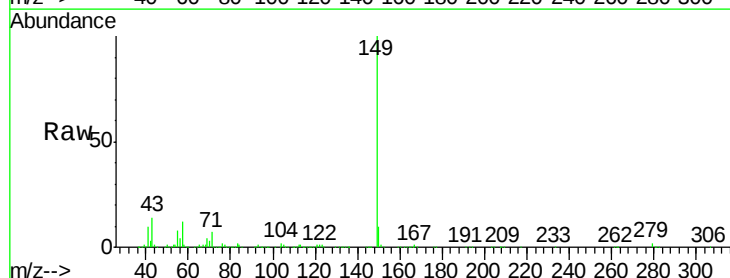
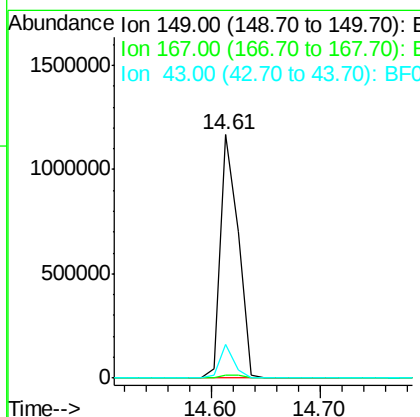
RT: 14.61 min Scan# 1096

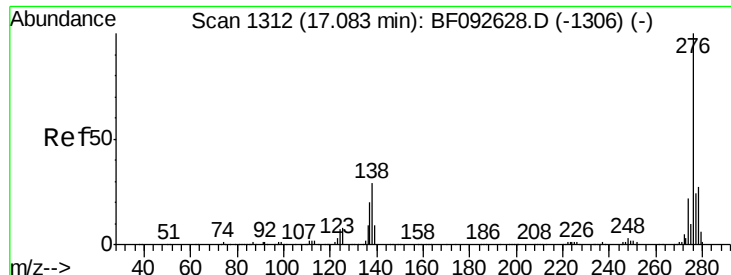
Delta R.T. -0.02 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Tgt Ion:	149	Resp:	1334821
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	11.3	8.9	13.3





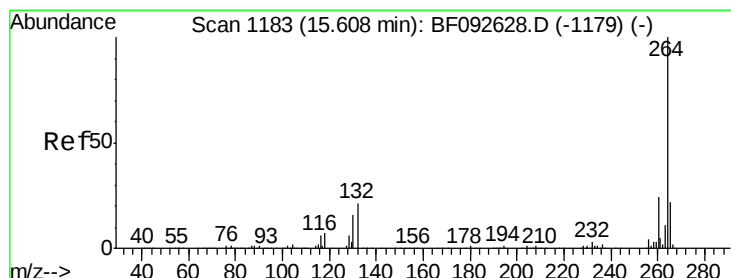
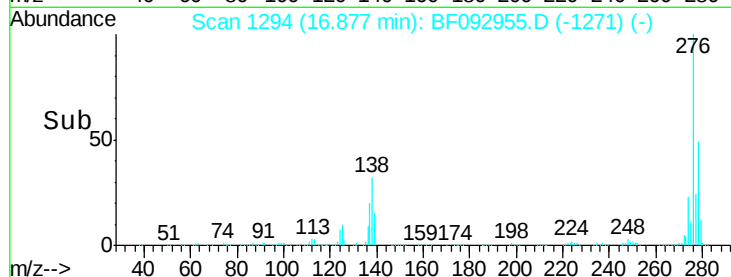
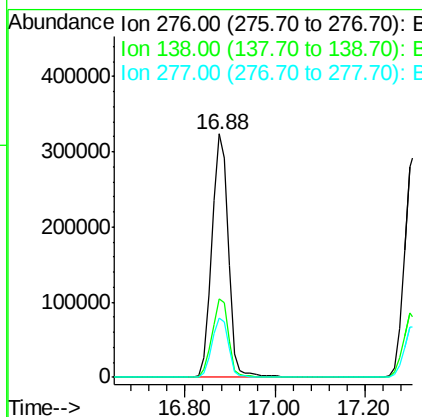
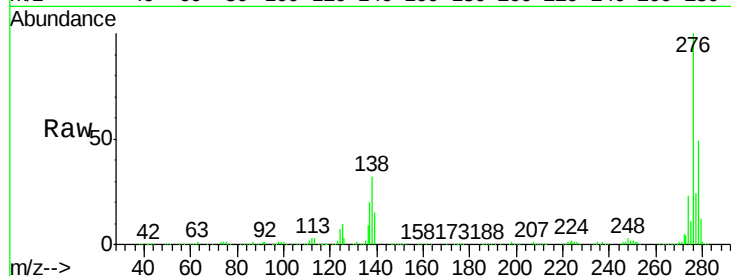
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.25 ng
 RT: 16.88 min Scan# 1294
 Delta R.T. -0.03 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96953BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	829666		
138	32.5	21.8	32.6	
277	24.7	20.2	30.4	

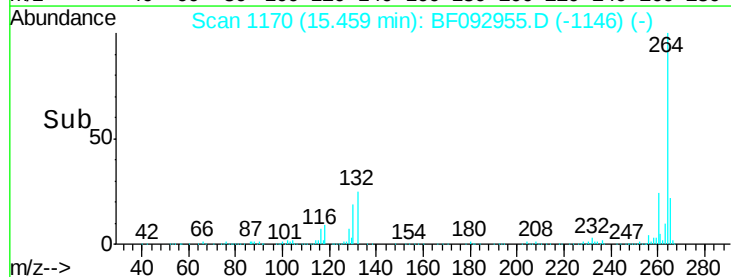
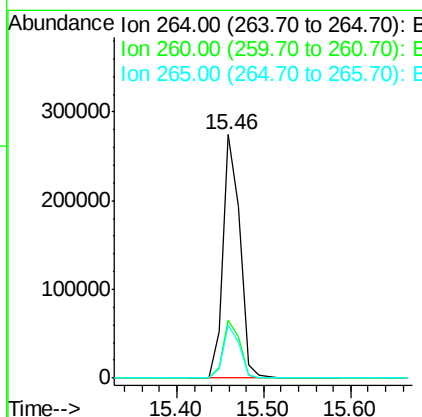
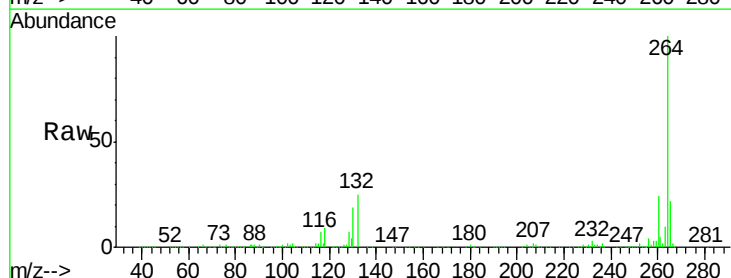
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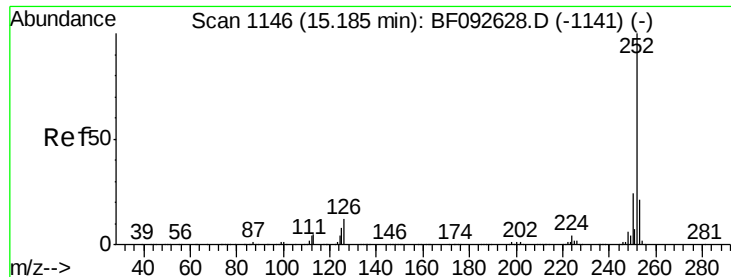
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	375067		
260	23.8	19.2	28.8	
265	21.8	17.4	26.0	





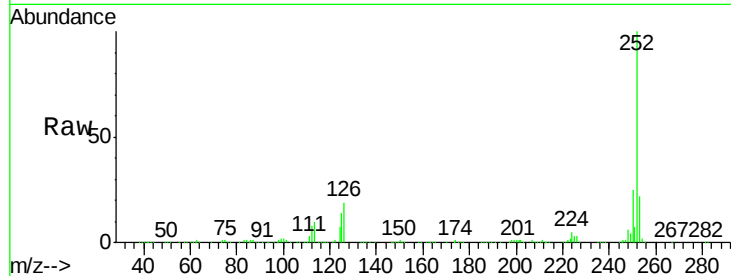
#87
Benzo(b)fluoranthene
Concen: 45.77 ng m
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Instrument :
BNA_F
ClientSampled :
PB96953BS

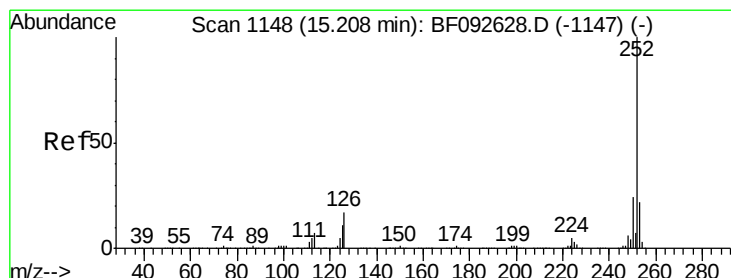
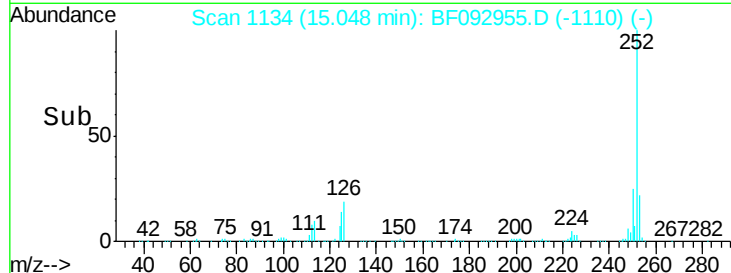
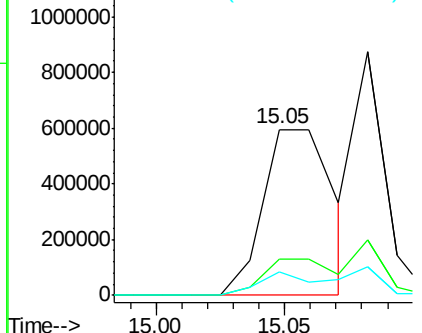
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	14.3	9.8	14.6

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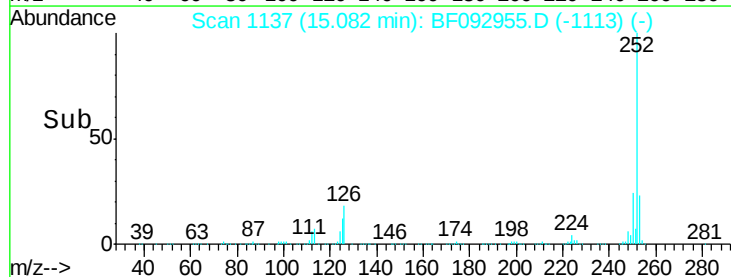
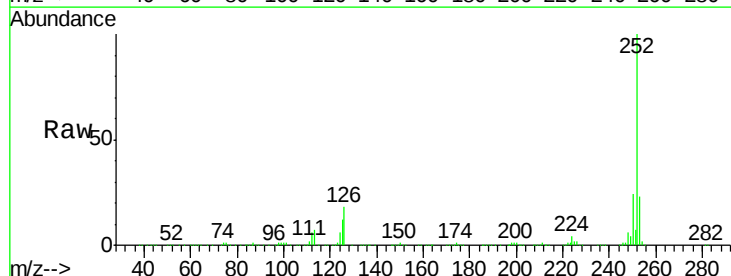
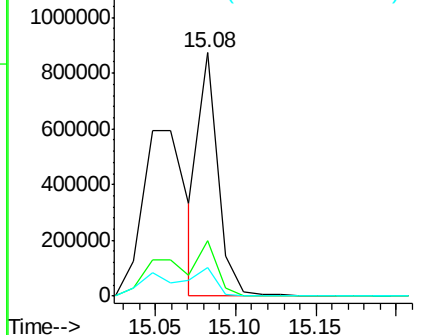
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

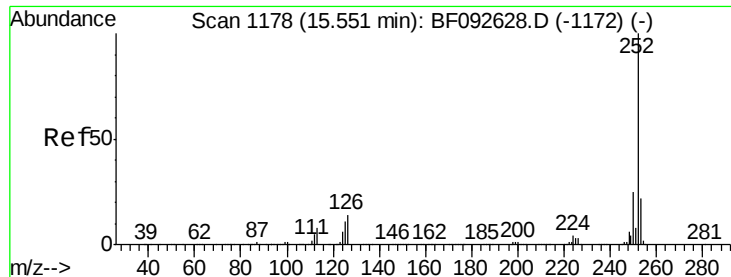


#88
Benzo(k)fluoranthene
Concen: 33.88 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	12.0	8.9	13.3

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





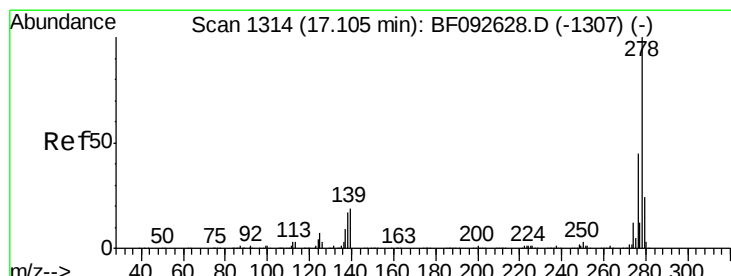
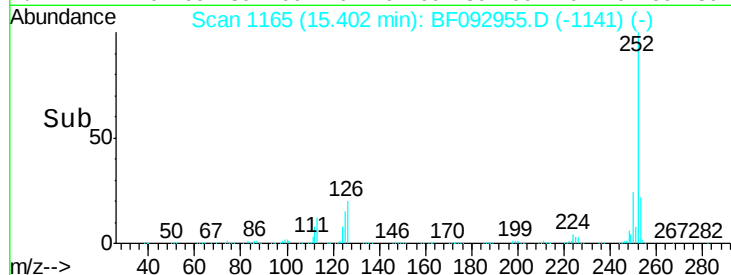
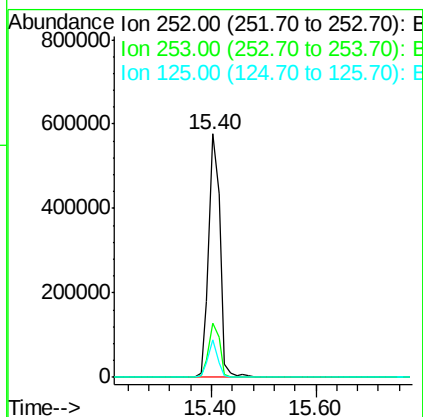
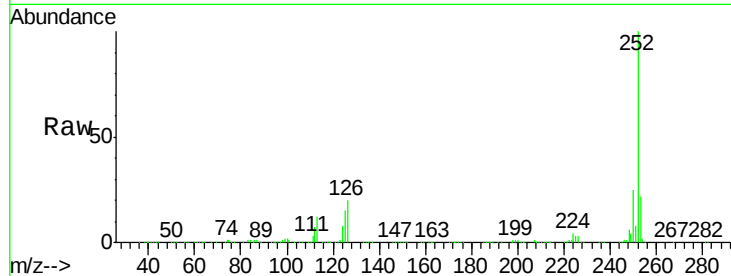
#89
Benzo(a)pyrene
Concen: 40.55 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Instrument :
BNA_F
ClientSampleId :
PB96953BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	865974		
253	22.2	18.2	27.2	
125	15.4	10.0	15.0	

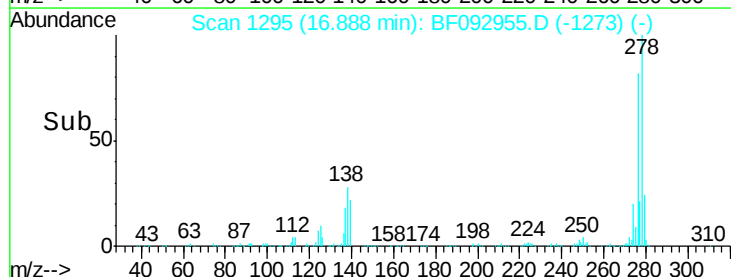
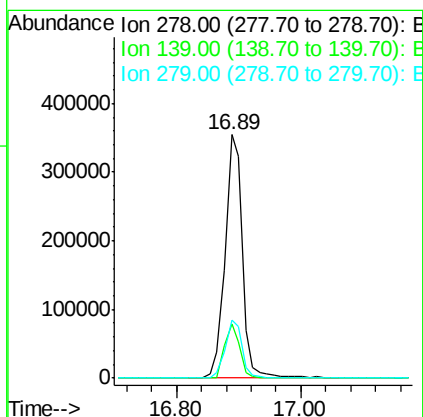
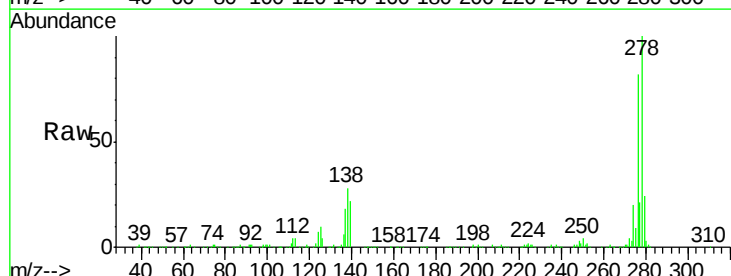
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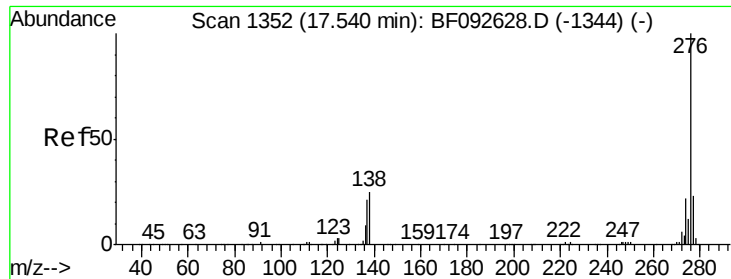
mohammad
2/16/2017 11:40:11 AM



#90
Dibenzo(a,h)anthracene
Concen: 39.68 ng
RT: 16.89 min Scan# 1295
Delta R.T. -0.05 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	684861		
139	22.2	14.8	22.2	
279	23.8	19.8	29.6	





#91
 Benzo(g,h,i)perylene
 Concen: 39.71 ng
 RT: 17.31 min Scan# 1332
 Delta R.T. -0.03 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96953BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	22.6	19.2	28.8
138	25.4	16.0	24.0

Manual Integrations
 APPROVED

mohammad
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